



CITY OF SURPRISE
Regular City Council Meeting Agenda
16000 N. Civic Center Plaza
Surprise, AZ 85374

Tuesday, November 6, 2018 @ 6:00 PM
COUNCIL CHAMBERS

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- A. Call To Order
- B. Roll Call
- C. Pledge of Allegiance
- D. PROCLAMATION AND COMMUNITY ACKNOWLEDGEMENTS
- E. City Manager Report:
- F. City Attorney Report:
- G. City Clerk Report:
- H. Call To The Public:

INSTRUCTIONS: In order to address the City Council, you will need to fill out a Call to the Public Form available at the front counter, and then turn it in to the City Clerk before the meeting begins.

[Download the Call to the Public form](#) (PDF download requires [Adobe Acrobat Reader](#))

[Fill out the Call to the Public form online](#) If submitting form electronically, please submit to City Clerk at least one hour before the meeting start time.

The Call to the Public form is also available at the front counter.

Note: A.R.S. 38-431.01(H)- During this time members of the public may address City Council only on issues within the jurisdiction of the City Council which are not an item on the agenda. At the conclusion of the open call, City Council may respond to criticism, may ask staff to review the matter or may ask that the matter be put on a future agenda. No discussion or action shall take place on any item raised.

Approval of items on the Consent Agenda – all items with an asterisk (*) are considered to be routine matters and will be enacted by one motion and one roll call vote to the City Council. There will be no separate discussion on these items unless a Councilmember requests, in which event the item will be removed from the consent agenda and considered in its normal sequence on the agenda.

I. Regular City Council Meeting Agenda:

Consent Agenda:

- | | | |
|----------------------|--|-------------------------------------|
| 1. District Internal | Consideration and action pertaining to approval of an amendment to the Fiscal Year 2019 Budget by reallocating appropriations in personnel services for changes to the labor distribution practices and overtime; Resolution # 2018-148. | None
Andrea
Davis,
Finance |
|----------------------|--|-------------------------------------|

- | | | | |
|----|-------------------|---|---|
| 2. | District Citywide | <u>Consideration and action pertaining to approval of a fiscal year 2018 budget amendment reallocating appropriations from various funds required to close the fiscal year 2018 budget and inter-fund cash transfers and loans for FY2018; Resolution# 2018-XX</u> | None
Andrea Davis,
Finance Director |
| 3. | District Internal | <u>Consideration and action pertaining to approval of an amendment to the Fiscal Year 2019 budget by reallocating appropriations of \$7,100 from Contingency within the Grants Fund and authorizing acceptance of a grant from the U. S. Bureau of Justice Assistance (BJA) Bulletproof Vest Partnership (BVP) to purchase bulletproof vests for Surprise Police Officers; Resolution # 2018-163.</u> | Approve
Mike Donovan,
Police |
| 4. | District 5 | <u>Consideration and action declaring the City's intention to enlarge the territory of the Marley Park Phase 4 #140 Lighting Improvement District pursuant to A.R.S. 48-616; Resolution # 2018-144.</u> | None
Karl Zook,
Public Works Department |
| 5. | District 5 | <u>Consideration and action declaring the City's intention to enlarge the territory of the City of Surprise Sun City Grand Lighting Improvement District No. 2 pursuant to A.R.S. 48-616; Resolution # 2018-142.</u> | None
Karl Zook,
Public Works Department |
| 6. | District Citywide | <u>Consideration and action pertaining to approval of an amendment to the Fiscal Year 2019 budget by reallocating appropriations of \$640,400 from Solid Waste Contingency to Public Works Solid Waste Salaries, Supplies, Services and Capital; \$600 from Grant Contingency to Information Technology General Fund operations associated with increased operational costs; and amending the Capital and Operating List of items over \$50,000; Resolution # 2018-149.</u> | None
Mike Gent,
PW Director |
| 7. | District Internal | <u>Consideration and action pertaining to an amendment of the Fiscal Year 2019 budget by reallocating appropriations of \$686,600 from Water Resource Management (WRM) department, Finance utility billing division and Information Technology by adding one water conservation specialist, one Supervisory Control and Data Acquisition (SCADA) instrumentation technician, and increasing capital project P-71240 for FY2019 by \$430,000; Resolution #2018-150.</u> | None
Terry Lowe,
Water Resource Management Director |
| 8. | District Citywide | <u>Consideration and action pertaining to approval of the Intergovernmental Agreement (IGA) between Maricopa County and the City of Surprise for Regional Emergency Operations Management and Disaster Services; Resolution #2018-170.</u> | None
Fire Chief,
Tom Abbott |
| 9. | District Internal | <u>Consideration and action pertaining to an amendment to the Fiscal Year 2018 budget by reallocating appropriations of \$46,200 within the Grants and Contingency Fund in order to accept two grants from the State of Arizona Department of Homeland Security (AZDOHS) to support the Fire-Medical</u> | None
Fire Chief
Tom Abbott |

Department's CBRNE (Chemical, Biological, Radiological, Nuclear and Explosives) Sustainment initiatives and CERT (Community Emergency Response Team) Program; Resolution # 2018-173.

- | | | | |
|---|-------------------|--|--|
| 10. | District 1 | <u>Consideration and action pertaining to approval of the Final Plat entitled, "Rancho Mercado Parcel A17" dated March 28, 2018, a property generally located in Rancho Mercado south and east of the Yearling Road and Rancho Mercado Parkway alignments.</u> | Approve
Robert
Kuhfuss -
Community
Development |
| 11. | District 1 | <u>Consideration and action pertaining to approval of the Final Plat entitled, "Rancho Mercado Parcel A19" dated August 10, 2018, a property generally located in Rancho Mercado south and east of the Yearling Road and Rancho Mercado Parkway alignment.</u> | Approve
Robert
Kuhfuss -
Community
Development |
| 12. | District Citywide | <u>Consideration and action on the meeting minutes of October 16, 2018 Regular City Council Work Session, Regular City Council Meeting and Executive Session.</u> | None
Sherry Ann
Aguilar,
City Clerk |
| 13. | District 5 | <u>Consideration and action to approve a request by Gregory Patrick Hall, II (Agent) for a Series 12 liquor license for AZFRYGUY, LLC, located at 15226 W. Bell Road, #100, Surprise, AZ. 85374.</u> | None
Sherry Ann
Aguilar,
City Clerk |
| 14. | District Internal | <u>Consideration and action to approve the 2019 Council Work Session and Regular Council Meeting Schedule.</u> | None
Sherry Ann
Aguilar,
City Clerk |
| 15. | District 1 | <u>Consideration and action pertaining to approval of the Final Plat entitled, "Bell Road & 303, LLC" dated October 12, 2018, a 5.3 acre property generally located on the southeast corner of Bell Road and Loop 303.</u> | Approve
Robert
Kuhfuss |
| 16. | District Citywide | <u>Consideration and action pertaining to authorizing submission of the Request for Exemption from posting statutory deposit to the Industrial Commission of Arizona.</u> | Approve
Brian
Carmichael |
| Regular Agenda Item - Non-Public Hearing: | | | |
| 17. | District Internal | <u>Consideration and action pertaining to approval of an Employment Agreement with Michael Frazier appointing him City Manager pursuant to Surprise Municipal Code Sec. 2-120.</u> | None
Lisa
Angelini,
Human
Resources |
| 18. | District 4 | <u>Consideration and action pertaining to approval of the purchase of approximately 0.59 acres of unimproved real property within the Original Townsite commonly known as 16009 N. Nash Street, Surprise, Arizona for \$116,000.00; Resolution # 2018-180.</u> | Approve
Eric Fitzer -
Community
Development |
| 19. | District 1 | <u>Discussion and action pertaining to approval of an amendment to the Fiscal Year 2019 Budget by reallocating appropriations in an</u> | None
Bob |

		<u>amount not to exceed \$145,000 from contingency within the Grants Fund to the General Capital Projects Fund and Community Recreational Services Department General Fund; and amending the capital and operating list of items over \$50,000 for the purpose of installing lights and the associated annual operational costs for Dick McComb Dog Park; Resolution # 2018-175.</u>	Wingenroth, City Manager
20.	District 1	<u>Consideration and action to reallocate appropriations from Roads of Regional Significance contingency to create a new capital project (P61530) to design and acquire the necessary right of way (ROW) for the intersection of 163rd Avenue and Jomax road, Resolution 2018-166.</u>	None Karl Zook Public Works Assistant Director
21.	District 1	<u>Consideration and action pertaining to the approval of the SPA3 Regional Wastewater Treatment Plant Capacity Allocation Agreement between the City of Surprise and Klondike Land Portfolio, LLC, Surprise Foothills Master, LLC, Mesquite Mountain Ranch Investments, LLC, and Buena Visa Holding, LLC; Resolution #2018-177.</u>	None Terry Lowe, Water Resource Management
22.	District 4	<u>Consideration and action pertaining to the City of Surprise entering into an Intergovernmental Agreement with the Housing Authority of Maricopa County in support of additional affordable housing in Surprise.</u>	None Seth Dyson, HSCV Director
23.	District 4	<u>Consideration and action pertaining to the City of Surprise entering into a Ground Lease Agreement with the Housing Authority of Maricopa County in support of additional affordable in Surprise.</u>	None Seth Dyson, HSCV Director

J. Other Business and Future Agenda Items:

K. Mayor/Council Reports:

L. Executive Session:

For information Purposes; Upon a public majority vote of a quorum of the City Council, the Council may hold an executive session, which will not be open to the public, but for only the following purposes:

- discussion or consideration of personnel matters (A.R.S. §38-431.03 (A)(1));
- discussion or consideration of records exempt by law from public inspection (A.R.S. §38-401.03 (A)(2));
- discussion or consultation for legal advice with the city's attorneys (A.R.S. §38-431.03 (A)(3));
- discussion or consultation with the city's attorneys regarding the city's position regarding contracts that are the subject of negotiations, in pending or contemplated litigation, or in settlement discussions conducted in order to avoid or resolve litigation (A.R.S. §38-431.03 (a)(4));
- discussion or consultation with designated representatives of the city in order to consider its position and instruct its representatives regarding negotiations with employee organizations (A.R.S. §38-431.03 (A)(5)); or

- discussion, consultation or consideration for international and interstate negotiations or for negotiations by a city or town, or its designated representatives, with members of a tribal council, or its designated representatives, of an Indian reservation located within or adjacent to the city or town. A.R.S. §38-401.03 (A)(6)).
- discussing or consulting with designated representatives of the city in order to consider its position and instruct its representatives regarding negotiations for the purchase, sale or lease of real property (A.R.S. §38-431.03 (A)(7)).

Confidentiality Requirements Pursuant to A.R.S. §38-431.03(C)(D): Any person receiving executive session information pursuant to A.R.S. §38-431.02 shall not disclose that information except to the Attorney General or County Attorney by agreement of the City Council, or as otherwise ordered by a court of competent jurisdiction.

The council may vote to hold an executive session for the purpose of obtaining legal advice from the Board's attorney on any matter listed on the agenda pursuant to A.R.S. § 38-431.03(A)(3).

M. Adjournment:

SHERRY ANN AGUILAR, CITY CLERK, MMC

POSTED:

SPECIAL NOTE: PERSONS WITH SPECIAL ACCESSIBILITY NEEDS, INCLUDING LARGE PRINT MATERIALS OR INTERPRETER, SHOULD CONTACT THE CITY CLERK'S OFFICE @ 623.222.1200 OR TTY 623.222.1002, BY NO LATER THAN 24 HOURS IN ADVANCE OF THE REGULAR SCHEDULED MEETING TIME.



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

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Council Meeting Date:	November 6, 2018	Contact Person:	Andrea Davis, Finance
Submitting Department:		District:	Internal
Staff	None		
Recommendations:			

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to approval of an amendment to the Fiscal Year 2019 Budget by reallocating appropriations in personnel services for changes to the labor distribution practices and overtime; Resolution # 2018-148.

Motion:

I move to approve Resolution # 2018-148.

Background:

Various departments throughout the city require Fire/Medical and Police Department staffing for special events. Labor distribution allowed planned budgeted overtime expenses for these events which in turn would eventually be transferred from the originating department (Fire/Medical and Police) and charged to the department utilizing the services.

Objective Analysis:

In an effort to reduce staff time used to make these transfers, it was decided there is no longer a need for these transfers if the originating department is budgeted with the estimated overtime needed to cover these overtime expenses.

Policy Compliant:

This action is compliant with City and Council policy.

Financial Impact:

\$142,400 in labor distribution for overtime for special events has been budgeted throughout various departments and will be reallocated to the Police and Fire/Medical Department.

Budget Impact:

\$142,400 will be reallocated from labor distributions in personnel services (\$1,800 from Human Services and Community Vitality General Fund, \$35,600 from Community and Recreation Services General Fund, \$89,000 from Sports and Tourism Department Spring Ticket Surcharge Fund, and \$16,000 from Sports and Tourism Department Sports and Tourism Fund to the Fire/Medical Department in the amount of \$56,700 and to the Police Department in the amount of \$85,700). A reallocation in the amount of \$14,000 from the Police overtime fund to Fire/Medical overtime fund and \$89,000 of supplies and services from the Sports and Tourism Fund to the Spring Training Ticket Surcharge Fund. These allocations do not represent an actual transfer of funds, but only a transfer of spending authority and does not increase or decrease the total budget.

FTE Impact:

This item does not impact the overall full-time equivalent count.

ATTACHMENTS:

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[Resolution 2018-148](#)

RESOLUTION # 2018-148

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF SURPRISE, ARIZONA, AMENDING THE FISCAL YEAR 2019 BUDGET BY REALLOCATING APPROPRIATIONS OF \$142,400 FROM LABOR DISTRIBUTION IN PERSONNEL SERVICES (\$1,800 FROM HUMAN SERVICES AND COMMUNITY VITALITY GENERAL FUND, \$35,600 FROM COMMUNITY AND RECREATION SERVICES GENERAL FUND, \$89,000 FROM SPORTS AND TOURISM SPRING TICKET SURCHARGE FUND, AND \$16,000 FROM THE SPORTS AND TOURISM DEPARTMENT SPORTS AND TOURISM FUND) TO THE FIRE/MEDICAL DEPARTMENT IN THE AMOUNT OF \$56,700 AND TO THE POLICE DEPARTMENT IN THE AMOUNT OF \$85,700. REALLOCATING APPROPRIATIONS OF \$14,000 FROM THE POLICE DEPARTMENT OVERTIME FUND TO THE FIRE/MEDICAL DEPARTMENT OVERTIME FUND FOR TACTICAL EMERGENCY MEDICAL SERVICES COVERAGE. REALLOCATING APPROPRIATIONS OF \$89,000 FROM THE SPORTS AND TOURISM FUND TO THE SPORTS AND TOURISM SPRING TRAINING TICKET SURCHARGE FUND FOR SUPPLIES AND SERVICES.

WHEREAS, the FY2019 budget was adopted included funding for Labor Distribution among the Human Services and Community Vitality Department, the Community and Recreation Services Department and the Sports and Tourism Department;

WHEREAS, Labor Distribution will no longer be utilized, the charges incurred in the Police Department and Fire/Medical Department for services provided to other departments will stay within the Police Department and Fire/Medical Department;

WHEREAS, the allocated budget for Labor Distribution of \$142,400 (\$1,800 in the Human Services and Community Vitality General Fund, \$35,600 in the Community and Recreation Services General Fund, \$89,000 in the Sports and Tourism Spring Ticket Surcharge Fund, and \$16,000 in the Sports and Tourism Department Sports & Tourism Fund shall be reallocated to the Fire/Medical Department in the amount of \$56,700 and to the Police Department in the amount of \$85,700);

WHEREAS, the FY2019 budget was adopted including funding for overtime in the Police Department General Fund;

WHEREAS, \$14,000 of overtime funding shall be reallocated from the Police Department overtime fund to the Fire/Medical Department overtime fund to account for Tactical Emergency Medical Services coverage provided by the Fire/Medical Department;

WHEREAS, \$89,000 of supplies and services shall be reallocated from the Sports and Tourism fund to the Spring Training Ticket Surcharge fund;

WHEREAS, the FY2019 budget was adopted by Council Resolution #2018-78 on June 5, 2018;

WHEREAS, this action will necessitate a budget amendment; and

WHEREAS, the City of Surprise Administrative Policies requires the approval of the Mayor and Council for budget amendments of this nature.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Council of the City of Surprise, Arizona, as follows.

Section 1. That the statements and schedules attached as *Exhibit A* and incorporated by reference are adopted, amending the budget of the City of Surprise, Arizona for the fiscal year July 1, 2018 through June 30, 2019.

APPROVED AND ADOPTED this _____ day of _____, 2018.

Sharon R. Wolcott, Mayor

Attest:

Approved as to form:

Sherry Aguilar, City Clerk

Robert Wingo, City Attorney

RESOLUTION # 2018-148

Exhibit A

1. Appropriation - The allocation below represents a reallocation in the amount of \$142,400 from labor distribution in personnel services (\$1,800 from Human Services and Community Vitality General Fund, \$35,600 from Community and Recreation Services General Fund, \$89,000 from Sports and Tourism Spring Ticket Surcharge Fund, and \$16,000 from the Sports and Tourism Department Sports and Tourism Fund to the Fire/Medical Department in the amount of \$56,700 and to the Police Department in the amount of \$85,700). A reallocation in the amount of \$14,000 from the Police Department overtime fund to the Fire/Medical Department overtime fund and \$89,000 of supplies and services shall be reallocated from the Sports and Tourism fund to the Spring Training Ticket Surcharge fund. These allocations do not represent an actual transfer of funds, but only a transfer of spending authority. Additionally, these allocations do not increase or decrease the total budget.

Fund	Department	Project/Category	Rev/ Exp	Current Budget	Increase/ (Decrease)	Amended Budget
General Fund	Human Svcs and Comm Vitality	Personnel Services	E	1,278,200	(1,800)	1,276,400
General Fund	Community and Recreation Svcs	Personnel Services	E	6,306,700	(35,600)	6,271,100
Spring Trng Ticket Surcharge	Sports & Tourism	Personnel Services	E	89,000	(89,000)	-
Sports & Tourism	Sports & Tourism	Personnel Services	E	1,348,500	(16,000)	1,332,500
General Fund	Police	Personnel Services	E	25,912,000	71,700	25,983,700
General Fund	Fire - Medical	Personnel Services	E	18,320,500	70,700	18,391,200
Sports & Tourism	Sports & Tourism	Services	E	1,278,700	(8,000)	1,270,700
Sports & Tourism	Sports & Tourism	Supplies	E	288,800	(81,000)	207,800
Spring Trng Ticket Surcharge	Sports & Tourism	Services	E	522,800	8,000	530,800
Spring Trng Ticket Surcharge	Sports & Tourism	Supplies	E	77,200	81,000	158,200
Expense Total				55,422,400	-	55,422,400



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

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Council Meeting Date:	November 6, 2018	Contact Person:	Andrea Davis, Finance Director
Submitting Department:	Finance	District:	Citywide
Staff	None		
Recommendations:			

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to approval of a fiscal year 2018 budget amendment reallocating appropriations from various funds required to close the fiscal year 2018 budget and inter-fund cash transfers and loans for FY2018; Resolution# 2018-XX

Motion:

I move to approve Resolution #2018-XX

Background:

As part of closing the fiscal year 2018, expenditure budgets and actuals are reviewed to ensure that the City is in compliance with budget amendment policies. Specifically, fund, capital improvement plan (CIP) projects, grants, and departments within each fund cannot have actual expenditures exceeding the budget amounts. When this does occur, approval of the Mayor and Council is necessary to increase the budgeted amounts. With the annual audit currently underway, FY2018 has not yet been closed. Any changes that are made to the financials may require additional budget amendments for fund/department combinations that have exceeded their personnel and/or non-personnel operating budget. Any changes that are made to the financials may require additional budget amendments for FY2018. For FY2018, three main categories of corrections have been identified. The first category is budget adjustments for fund/department combinations that have exceeded their personnel and/or non-personnel operating budget. In each case, the fund had sufficient contingency to make an amendment, had savings in another department or received unforeseen revenue that allowed an increase in authority. The second category involves Street Light Improvement Districts (SLIDs). Appropriation will be reallocated to SLID funds that are new for FY2018. Typically, property taxes cannot be levied on a SLID until the SLID has been recognized and assessed by the county. Once this has occurred property taxes will be levied and the expenses will be recouped for each of the new SLIDs. The final category is project related (capital projects and grants). Per the Comprehensive Financial Management policies, projects within the capital project funds need to have sufficient budget authority to cover expenditures. In relation to grants, these are additional award amounts that were previously approved by the Mayor and Council.

Inter-fund cash transfers and loans do not represent an outflow of funds from the city, but rather a reallocation of funds within the city. As such, they are not subject to state expenditure limitation rules and are not part of the adopted expenditure limit budget. No budget amendment is necessary for changes to the amount of cash transfers. As a part of closing FY2018, cash transfers are completed to maintain the appropriate balances in each fund. General Fund contributions to the General Capital and Vehicle Replacement funds are completed using cash transfers. Cash transfers are also used to account for indirect costs, franchise fees, and in-lieu property tax payments for city provided utilities. The allocation of debt service payments to the appropriate funds is completed using cash transfers. Cash transfers are also used to close out inactive, unnecessary funds. Inter-fund loans are used to account for instances where one fund contributes resources to another fund where the resources are expended with the intention of future repayment.

Objective Analysis:

Mayor and Council adopt the budget by department in each fund and by project in capital funds per the comprehensive financial management policies effective July 1, 2018. The Budget Amendment Policies and Procedures are designed to place any amendments to the budget that cross those categories back before the Mayor and Council for approval. This action accomplishes that aim and ensures that each of those categories do not have actual expenditures that exceed the budget. The previous financial system did not have budget controls in place that would prevent expenditures from exceeding the budgeted amounts. The practice used by the City of Surprise, and many other cities throughout Arizona, is to seek approval at the end of the fiscal year after a budget has been exceeded. The new financial system which was implemented in July, 2016 has the ability to place budget controls that would prevent expenditures from exceeding the budget. The budget controls have significantly reduced the number amendments presented today. Unfortunately, due to the way the system performs, on occasion a budget is able to be exceeded. Budget Amendment Policies and Procedures will be reviewed to ensure that processes can be improved in this area.

Inter-fund cash transfers and loans can have a material impact on individual funds, but do not fall under the same set of rules governing the budgets for expenditures. Amounts related to inter-fund cash transfers and loans are not subject to the city's Budget Amendment Policies and Procedures, but rather are approved by the City Council based on the requirements of the Comprehensive Financial Management Policies. This approval is not of the change in the amount from the FY2018 adopted budget, but of the total amount of the transfers.

Policy Compliant:

This action will make the FY2018 financials compliant with the Budget Amendment Policies and Procedures and is consistent with the Comprehensive Financial Management Policies which states: #25 - All cash transfers between funds must be approved by the City Council and; #26 - All initial inter-fund loans must be approved by City Council.

Financial Impact:

This action has no direct financial impact. Expenditures have already occurred and this action brings the financials back in compliance with the Budget Amendment Policies and Procedures. The approval of these budget amendments is necessary to complete the FY2018 Comprehensive Annual Financial Report (CAFR) and related audit.

This action has no direct financial impact as the inter-fund cash transfers and loans do not represent an outflow of funds from the city. Inter-fund cash transfers and loans do impact the available sources and uses within each fund.

Budget Impact:

This action reallocates spending authority without increasing or decreasing the total budget for FY2018 and does not represent an actual transfer of funds. Each item is considered one time in nature, however this amendment may impact future carry forward amounts with respect to CIP projects and grants.

Inter-fund cash transfers and loans do impact the available sources and uses within each fund, however, there is no direct financial impact as the inter-fund cash transfers and loans do not represent and outflow of funds from the city.

FTE Impact:

There is no impact on FTEs of this item.

ATTACHMENTS:

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No Attachments Available



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

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Council Meeting Date: November 6, 2018 Contact Person: Mike Donovan, Police
Submitting Department: District: Internal
Staff Approve
Recommendations:

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to approval of an amendment to the Fiscal Year 2019 budget by reallocating appropriations of \$7,100 from Contingency within the Grants Fund and authorizing acceptance of a grant from the U. S. Bureau of Justice Assistance (BJA) Bulletproof Vest Partnership (BVP) to purchase bulletproof vests for Surprise Police Officers; Resolution # 2018-163.

Motion:

I move to approve Resolution #2018-163.

Background:

The United States Department of Justice created the Bulletproof Vest Partnership Grant in 1998. Funding from this grant provides state and local law enforcement funding to purchase bulletproof vests. The City of Surprise has received BJA grants on an irregular basis over the past several years. This year, the Surprise Police Department applied for grant funding and received \$7,100 which will allow the Department to purchase 9 bulletproof vests for our officers.

Objective Analysis:

Acceptance of this grant will allow the Surprise Police Department to purchase ballistic vests to provide protection for our officers while on duty. A negative to obtaining any grant funding is the employee time spent in overseeing the grant and making regular reports back to the grantor.

Policy Compliant:

The grant is consistent with the City's practice of supplementing the General Fund budget through the use of grant funds. The grant funds will allow the Police Department to purchase safety equipment for the protection of our police officers.

Financial Impact:

The U.S. Department of Justice will reimburse the City of Surprise for specified National Institute of Justice (NIJ) compliant armored vest purchases up to \$7,090.

Budget Impact:

Acceptance of this grant will reallocate appropriations in the amount of \$7,100 from Contingency within the Grants Fund to the equipment fund. This does not represent an actual transfer of funds, but only a transfer of budget authority and does not increase or decrease the total budget.

FTE Impact:

The number of full-time equivalents (FTE) is not impacted by this item.

ATTACHMENTS:

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[Bureau of Justice 2018 Bulletproof Vest Partnership \(BVP\)](#)

[FY2018 BVP Awards](#)

[Resolution 2018-163](#)

From: BVP Email Account
Sent: Wednesday, October 03, 2018 9:00 AM
To: Lisa Alexander
Subject: Bulletproof Vest Partnership 2018 Awards

Dear BVP applicant,

The Bureau of Justice Assistance (BJA) is pleased to inform you that your agency will receive an award under the Fiscal Year (FY) 2018 Bulletproof Vest Partnership (BVP) solicitation. These funds have been posted to your account in the BVP System. A complete list of FY 2018 BVP awards is available at: <https://ojp.gov/bvpbasi/>.

The FY 2018 award may be used for National Institute of Justice (NIJ) compliant armored vests which were ordered after April 1, 2018. The deadline to request payments from the FY 2018 award is August 31, 2020, or until all available funds have been requested. Awards will not be extended past that date, and any unused funds will be forfeited.

Please see the following websites for a list of NIJ compliant vests:

Ballistic Vests: <https://nij.gov/topics/technology/body-armor/pages/compliant-ballistic-armor.aspx>

Stab Resistant Vests: <https://nij.gov/topics/technology/body-armor/pages/compliant-stab-armor.aspx>

As a reminder, all jurisdictions that applied for FY 2018 BVP funding certified that a mandatory wear policy was in place for their jurisdiction. BJA will be conducting reviews of the mandatory wear policies as funds are requested from the BVP System. For more information on the BVP mandatory wear policy, please see the BVP Frequently Asked Questions document: <https://ojp.gov/bvpbasi/docs/FAQsBVPMandatoryWearPolicy.pdf>

Finally, please visit the following page for checklists and guides for each step of the BVP process: <https://ojp.gov/bvpbasi/bvpprogramresources.htm>.

For questions regarding the BVP Program or your award, please do not hesitate to contact the BVP Help Desk at vests@usdoj.gov or 1-877-758-3787.

Thank you

BVP Program Support Team
Bureau of Justice Assistance

FY 2018 BVP Awards

State	Jurisdiction Name (City)	BVP Funding Amount
AK	ANCHORAGE MUNICIPALITY	\$35,667.03
AK	FAIRBANKS CITY	\$5,500.00
AK	HOMER CITY	\$4,950.00
AK	JUNEAU CITY AND BOROUGH	\$8,002.80
AK	KENAI CITY	\$855.00
AK	PALMER CITY	\$2,385.00
AK	SITKA CITY AND BOROUGH	\$3,080.00
AK	SOLDOTNA CITY	\$1,600.00
	Totals for AK(8 Jurisdictions):	\$62,039.83
AL	ABBEVILLE CITY	\$4,000.00
AL	ALABAMA	\$98,348.47
AL	ALABASTER CITY	\$3,802.50
AL	ALEXANDER CITY	\$7,600.00
AL	ANDALUSIA CITY	\$2,218.50
AL	ANNISTON CITY	\$7,437.50
AL	ARAB CITY	\$1,167.50
AL	ATHENS CITY	\$2,608.00
AL	AUTAUGA COUNTY	\$2,340.00
AL	BIRMINGHAM CITY	\$20,827.46
AL	BOAZ CITY	\$1,167.50
AL	BREWTON CITY	\$6,875.00
AL	CHICKASAW CITY	\$1,875.50
AL	CHILTON COUNTY	\$2,912.50
AL	COTTONWOOD TOWN	\$550.00
AL	CULLMAN CITY	\$4,632.00
AL	CULLMAN COUNTY	\$6,780.00
AL	DAPHNE CITY	\$6,500.00
AL	DECATUR CITY	\$8,876.00
AL	DEMOPOLIS CITY	\$2,925.00
AL	DOTHAN CITY	\$19,980.00
AL	ENTERPRISE CITY	\$3,119.70
AL	ESCAMBIA COUNTY	\$18,000.00
AL	FLORENCE CITY	\$3,191.00
AL	FOLEY CITY	\$3,916.00
AL	FULTONDALE CITY	\$4,901.00
AL	GADSDEN CITY	\$17,100.00
AL	HALEYVILLE CITY	\$3,575.00
AL	HELENA CITY	\$1,890.00
AL	HENRY COUNTY	\$2,697.00
AL	HOOVER CITY	\$17,855.00
AL	JACKSON CITY	\$1,457.50
AL	JACKSONVILLE CITY	\$8,417.50
AL	JASPER CITY	\$4,189.50
AL	JEMISON TOWN	\$2,362.50

AL	LAUDERDALE COUNTY	\$9,974.00
AL	LEVEL PLAINS TOWN	\$1,364.75
AL	LIMESTONE COUNTY	\$1,522.50
AL	LINCOLN CITY	\$3,095.90
AL	LINEVILLE CITY	\$3,570.00
AL	LOWNDES COUNTY	\$1,785.00
AL	LOXLEY TOWN	\$2,700.00
AL	MADISON CITY	\$11,275.00
AL	MIDFIELD CITY	\$2,100.00
AL	MOBILE COUNTY	\$32,708.17
AL	MONROEVILLE CITY	\$1,522.50
AL	MONTEVALLO CITY	\$519.89
AL	MONTGOMERY COUNTY	\$8,272.13
AL	MOUNTAIN BROOK CITY	\$4,560.00
AL	NORTHPORT CITY	\$5,880.50
AL	ONEONTA CITY	\$5,445.00
AL	OPELIKA CITY	\$8,830.50
AL	PELHAM CITY	\$7,625.00
AL	PHENIX CITY	\$15,834.00
AL	PRATTVILLE CITY	\$3,594.00
AL	PRICEVILLE TOWN	\$1,854.50
AL	RAINBOW CITY	\$1,625.00
AL	RIVER FALLS TOWN	\$1,638.00
AL	RUSSELLVILLE CITY	\$5,062.50
AL	SARALAND CITY	\$2,716.00
AL	SCOTTSBORO CITY	\$5,355.00
AL	SPANISH FORT CITY	\$2,907.50
AL	SYLACAUGA CITY	\$3,350.00
AL	TALLADEGA CITY	\$8,707.75
AL	TALLADEGA COUNTY	\$6,431.04
AL	TALLAPOOSA COUNTY	\$1,827.00
AL	TARRANT CITY	\$1,537.50
AL	TROY CITY	\$2,740.50
AL	TRUSSVILLE CITY	\$5,250.00
AL	TUSCUMBIA CITY	\$3,300.00
AL	TUSKEGEE CITY	\$4,490.00
AL	VESTAVIA HILLS CITY	\$9,003.00
	Totals for AL(72 Jurisdictions):	\$506,069.26
AR	ALMA CITY	\$4,458.00
AR	ARKANSAS	\$20,744.27
AR	ATKINS CITY	\$4,631.82
AR	BENTON CITY	\$11,375.00
AR	BENTON COUNTY	\$21,393.43
AR	BERRYVILLE CITY	\$1,166.30
AR	BETHEL HEIGHTS TOWN	\$1,173.35
AR	CABOT CITY	\$3,969.40
AR	CARLISLE CITY	\$1,911.88

AR	CLARENDON CITY	\$1,960.00
AR	CRAWFORD COUNTY	\$5,850.00
AR	CROSSETT CITY	\$8,012.25
AR	EL DORADO CITY	\$4,504.14
AR	FAYETTEVILLE CITY	\$10,399.50
AR	FORREST CITY	\$4,459.13
AR	FORT SMITH CITY	\$9,354.42
AR	FRANKLIN COUNTY	\$2,400.00
AR	GARLAND COUNTY	\$2,868.90
AR	GASSVILLE CITY	\$1,195.56
AR	GENTRY CITY	\$1,844.84
AR	GRAVETTE CITY	\$1,975.00
AR	GREENWOOD CITY	\$3,425.00
AR	HASKELL CITY	\$1,274.63
AR	HEBER SPRINGS CITY	\$3,464.72
AR	HOPE CITY	\$1,934.75
AR	HOT SPRINGS CITY	\$15,475.00
AR	JACKSONVILLE CITY	\$10,184.44
AR	JONESBORO CITY	\$19,274.13
AR	LAFAYETTE COUNTY	\$1,234.44
AR	LITTLE ROCK CITY	\$31,269.45
AR	LOGAN COUNTY	\$2,795.00
AR	LOWELL CITY	\$1,587.94
AR	MALVERN CITY	\$1,689.50
AR	MARION CITY	\$3,407.45
AR	MILLER COUNTY	\$1,850.00
AR	MORRILTON CITY	\$5,544.44
AR	MOUNTAIN HOME CITY	\$3,198.50
AR	PARIS CITY	\$2,275.00
AR	PIGGOTT CITY	\$3,002.45
AR	PIKE COUNTY	\$5,600.00
AR	PINE BLUFF CITY	\$16,901.08
AR	POCAHONTAS CITY	\$6,103.13
AR	POLK COUNTY	\$551.87
AR	POPE COUNTY	\$2,932.63
AR	ROGERS CITY	\$14,000.00
AR	RUSSELVILLE CITY	\$9,291.00
AR	SEARCY CITY	\$7,034.13
AR	SHERIDAN CITY	\$310.04
AR	SHERWOOD CITY	\$5,329.81
AR	SILLOAM SPRINGS CITY	\$3,742.08
AR	SPRINGDALE CITY	\$13,199.83
AR	STONE COUNTY	\$7,797.00
AR	VAN BUREN CITY	\$4,000.00
AR	VILONIA CITY	\$4,089.00
AR	WEST MEMPHIS CITY	\$15,505.00
AR	WHITE HALL CITY	\$788.44

AR	WYNNE CITY	\$7,948.62
	Totals for AR(57 Jurisdictions):	\$363,657.69
AZ	APACHE COUNTY	\$3,595.50
AZ	APACHE JUNCTION CITY	\$5,282.15
AZ	ARIZONA	\$18,110.84
AZ	BISBEE CITY	\$1,735.44
AZ	BUCKEYE TOWN	\$9,300.88
AZ	BULLHEAD CITY	\$11,927.48
AZ	CAMP VERDE TOWN	\$2,452.32
AZ	CASA GRANDE CITY	\$5,495.00
AZ	CHANDLER CITY	\$119,186.47
AZ	CHINO VALLEY TOWN	\$2,167.50
AZ	COOLIDGE CITY	\$5,670.28
AZ	COTTONWOOD CITY	\$1,600.00
AZ	EAGAR TOWN	\$1,200.00
AZ	EL MIRAGE CITY	\$4,800.00
AZ	FLAGSTAFF CITY	\$12,079.76
AZ	FLORENCE TOWN	\$2,736.30
AZ	GLENDALE CITY	\$7,244.34
AZ	GOODYEAR CITY	\$21,876.87
AZ	GRAHAM COUNTY	\$5,195.10
AZ	KEARNY TOWN	\$1,200.00
AZ	KINGMAN CITY	\$4,400.00
AZ	LA PAZ COUNTY	\$11,973.63
AZ	LAKE HAVASU CITY	\$14,292.18
AZ	MARANA TOWN	\$11,350.50
AZ	MARICOPA CITY	\$6,140.20
AZ	MOHAVE COUNTY	\$11,228.72
AZ	NOGALES CITY	\$4,264.00
AZ	ORO VALLEY TOWN	\$10,326.42
AZ	PARADISE VALLEY TOWN	\$6,780.00
AZ	PAYSON TOWN	\$3,785.00
AZ	PEORIA CITY	\$33,505.07
AZ	PIMA COUNTY COMMUNITY COLLEGE DISTRICT	\$2,886.87
AZ	PINETOP-LAKESIDE TOWN	\$1,509.43
AZ	PRESCOTT CITY	\$11,200.00
AZ	PRESCOTT VALLEY TOWN	\$3,747.44
AZ	QUARTZSITE TOWN	\$4,256.27
AZ	SHOW LOW CITY	\$4,266.59
AZ	SIERRA VISTA CITY	\$3,600.00
AZ	SOUTH TUCSON CITY	\$6,393.41
AZ	SURPRISE CITY	\$7,090.34
AZ	WICKENBURG TOWN	\$2,391.45
AZ	WILLIAMS CITY	\$2,500.00
AZ	YAVAPAI COLLEGE	\$3,947.88
AZ	YUMA CITY	\$20,712.69
	Totals for AZ(44 Jurisdictions):	\$435,404.32

CA	ALAMEDA CITY	\$16,815.96
CA	ALAMEDA COUNTY	\$217,330.00
CA	ALBANY CITY	\$2,400.00
CA	ALHAMBRA CITY	\$1,751.59
CA	ALLAN HANCOCK JOINT CMNTY COLLEGE DIST	\$1,811.09
CA	AMADOR COUNTY	\$10,390.27
CA	ANDERSON CITY	\$3,925.50
CA	ANTIOCH CITY	\$24,854.14
CA	ARCADIA CITY	\$5,497.05
CA	ARCATA CITY	\$2,825.00
CA	ARROYO GRANDE CITY	\$10,002.50
CA	ATHERTON TOWN	\$10,000.00
CA	AZUSA CITY	\$11,600.00
CA	BARSTOW CITY	\$2,564.45
CA	BEAUMONT CITY	\$1,791.35
CA	BELLFLOWER CITY	\$1,036.76
CA	BELMONT CITY	\$3,435.27
CA	BEVERLY HILLS CITY	\$8,076.31
CA	BISHOP CITY	\$1,268.50
CA	BLYTHE CITY	\$2,619.00
CA	BREA CITY	\$4,421.32
CA	BUENA PARK CITY	\$6,425.80
CA	CALAVERAS COUNTY	\$7,030.28
CA	CALIFORNIA	\$1,647,949.78
CA	CAMPBELL CITY	\$4,777.50
CA	CAPITOLA CITY	\$1,634.96
CA	CARMEL BY THE SEA CITY	\$436.46
CA	CATHEDRAL CITY	\$4,968.00
CA	CERES CITY	\$8,363.84
CA	CHICO CITY	\$8,915.13
CA	CHINO CITY	\$11,954.09
CA	CHOWCHILLA CITY	\$2,696.21
CA	CHULA VISTA CITY	\$41,455.42
CA	CITRUS HEIGHTS CITY	\$6,222.57
CA	CLAREMONT CITY	\$3,544.13
CA	CLEARLAKE CITY	\$3,354.10
CA	COALINGA CITY	\$1,591.90
CA	CORONA CITY	\$23,518.09
CA	CORONADO CITY	\$4,460.88
CA	COSTA MESA CITY	\$19,667.55
CA	COVINA CITY	\$4,580.63
CA	CRESCENT CITY	\$2,485.50
CA	CULVER CITY	\$19,148.75
CA	CYPRESS CITY	\$2,719.00
CA	DAVIS CITY	\$16,371.34
CA	DEL NORTE COUNTY	\$3,026.63
CA	DELANO CITY	\$7,511.47

CA	DESERT HOT SPRINGS CITY	\$5,732.32
CA	DINUBA CITY	\$4,007.70
CA	DIXON CITY	\$2,602.93
CA	DOWNEY CITY	\$3,182.53
CA	DUBLIN CITY	\$22,800.00
CA	EAST BAY REGIONAL PARK DIST	\$2,524.54
CA	EL SEGUNDO CITY	\$7,345.76
CA	EMERYVILLE CITY	\$3,821.37
CA	ESCALON CITY	\$2,417.48
CA	ESCONDIDO CITY	\$3,041.88
CA	EUREKA CITY	\$2,469.41
CA	EXETER CITY	\$7,168.56
CA	FAIRFAX TOWN	\$1,648.00
CA	FARMERSVILLE CITY	\$1,250.00
CA	FOLSOM CITY	\$10,043.60
CA	FORT BRAGG CITY	\$1,478.28
CA	FORTUNA CITY	\$7,598.27
CA	FOUNTAIN VALLEY CITY	\$6,830.92
CA	FRESNO COUNTY	\$134,984.47
CA	GALT CITY	\$7,121.41
CA	GARDENA CITY	\$7,253.72
CA	GILROY CITY	\$2,765.10
CA	GLENDDORA CITY	\$8,931.12
CA	GONZALES CITY	\$2,032.46
CA	GROVER BEACH CITY	\$2,327.50
CA	GUADALUPE CITY	\$419.76
CA	HAWTHORNE CITY	\$8,908.73
CA	HAYWARD CITY	\$23,224.15
CA	HEMET CITY	\$10,486.26
CA	HERCULES CITY	\$3,995.23
CA	HERMOSA BEACH CITY	\$2,498.50
CA	HOLLISTER CITY	\$4,442.16
CA	HUMBOLDT COUNTY	\$12,603.41
CA	HUNTINGTON PARK CITY	\$7,158.76
CA	IMPERIAL COUNTY	\$21,406.34
CA	INDIO CITY	\$5,079.20
CA	INGLEWOOD CITY	\$10,598.46
CA	INYO COUNTY	\$12,401.46
CA	IONE CITY	\$3,354.10
CA	IRWINDALE CITY	\$3,975.00
CA	KERMAN CITY	\$2,267.48
CA	KERN COUNTY	\$61,576.84
CA	KING CITY	\$512.83
CA	KINGS COUNTY	\$15,022.94
CA	KINGSBURG CITY	\$2,019.20
CA	LA HABRA CITY	\$8,110.00
CA	LA VERNE CITY	\$17,822.48

CA	LAGUNA BEACH CITY	\$5,776.91
CA	LAKE COUNTY	\$7,461.61
CA	LAKEPORT CITY	\$2,350.00
CA	LARKSPUR CITY	\$7,567.00
CA	LASSEN COUNTY	\$8,341.05
CA	LINDSAY CITY	\$7,159.50
CA	LIVERMORE CITY	\$14,189.96
CA	LODI CITY	\$11,651.10
CA	LOS ALAMITOS CITY	\$5,810.27
CA	LOS ALTOS CITY	\$2,833.46
CA	LOS ANGELES CITY	\$451,638.91
CA	LOS GATOS TOWN	\$5,941.00
CA	MADERA CITY	\$7,341.00
CA	MADERA COUNTY	\$6,519.90
CA	MANHATTAN BEACH CITY	\$7,596.00
CA	MANTECA CITY	\$5,325.00
CA	MARIN COUNTY	\$60,439.54
CA	MARINA CITY	\$5,900.29
CA	MARYSVILLE CITY	\$6,800.00
CA	MENDOCINO COUNTY	\$20,763.14
CA	MENDOTA CITY	\$3,659.22
CA	MERCED CITY	\$10,486.75
CA	MILPITAS CITY	\$13,309.73
CA	MONO COUNTY	\$8,921.02
CA	MONROVIA CITY	\$4,042.73
CA	MONTCLAIR CITY	\$4,692.60
CA	MONTEBELLO CITY	\$14,207.02
CA	MONTEREY CITY	\$2,615.78
CA	MONTEREY PARK CITY	\$9,261.04
CA	MOUNTAIN VIEW CITY	\$14,455.91
CA	MURRIETA CITY	\$11,123.09
CA	NAPA CITY	\$9,289.50
CA	NEWARK CITY	\$5,645.00
CA	NEWMAN CITY	\$5,519.76
CA	NEWPORT BEACH CITY	\$15,063.50
CA	NORWALK CITY	\$3,553.35
CA	ONTARIO CITY	\$5,085.93
CA	ORANGE CITY	\$9,465.72
CA	OROVILLE CITY	\$4,243.78
CA	PACIFIC GROVE CITY	\$3,621.40
CA	PALO ALTO CITY	\$8,529.27
CA	PALOS VERDES ESTATES CITY	\$4,382.50
CA	PARADISE TOWN	\$3,957.48
CA	PARLIER CITY	\$5,043.30
CA	PETALUMA CITY	\$14,143.50
CA	PIEDMONT CITY	\$3,735.15
CA	PITTSBURG CITY	\$5,227.80

CA	PLACENTIA CITY	\$6,051.00
CA	PLUMAS COUNTY	\$4,276.64
CA	POMONA CITY	\$25,334.57
CA	PORT HUENEME CITY	\$1,157.50
CA	RED BLUFF CITY	\$4,289.75
CA	REDDING CITY	\$3,237.64
CA	REDLANDS CITY	\$9,913.00
CA	REDWOOD CITY	\$11,282.06
CA	REEDLEY CITY	\$2,460.00
CA	RIDGECREST CITY	\$2,940.07
CA	RIO VISTA CITY	\$2,865.00
CA	RIPON CITY	\$2,043.73
CA	RIVERSIDE CITY	\$56,640.57
CA	RIVERSIDE COUNTY	\$373,313.00
CA	ROCKLIN CITY	\$7,954.07
CA	ROHNERT PARK CITY	\$8,740.46
CA	SACRAMENTO CITY	\$9,116.55
CA	SAN BERNARDINO CITY	\$10,110.78
CA	SAN BERNARDINO CITY UNIF SCHOOL DIST	\$14,425.80
CA	SAN DIEGO COUNTY	\$35,316.13
CA	SAN FRANCISCO BAY AREA RAPID TRANSIT DIST	\$13,651.05
CA	SAN JOAQUIN COUNTY	\$85,860.88
CA	SAN JOSE CITY	\$193,703.32
CA	SAN LUIS OBISPO CITY	\$5,468.31
CA	SAN MARINO CITY	\$3,892.81
CA	SAN MATEO CITY	\$10,925.20
CA	SAN MATEO COUNTY	\$48,043.34
CA	SAN PABLO CITY	\$4,677.90
CA	SAN RAFAEL CITY	\$10,145.00
CA	SAND CITY	\$1,831.88
CA	SANGER CITY	\$3,078.54
CA	SANTA ANA CITY	\$39,999.69
CA	SANTA BARBARA CITY	\$9,962.50
CA	SANTA CLARA CITY	\$8,225.95
CA	SANTA CRUZ CITY	\$13,455.45
CA	SANTA CRUZ COUNTY	\$5,419.67
CA	SANTA FE SPRINGS CITY	\$3,010.68
CA	SANTA MONICA CITY	\$16,800.38
CA	SAUSALITO CITY	\$2,341.80
CA	SEAL BEACH CITY	\$4,366.45
CA	SEASIDE CITY	\$10,000.00
CA	SELMA CITY	\$2,021.19
CA	SHAFTER CITY	\$3,960.00
CA	SHASTA COUNTY	\$8,673.32
CA	SIGNAL HILL CITY	\$5,268.50
CA	SIMI VALLEY CITY	\$1,549.84
CA	SISKIYOU COUNTY	\$6,097.97

CA	SOUTH GATE CITY	\$3,964.50
CA	SOUTH LAKE TAHOE CITY	\$4,732.02
CA	SOUTH SAN FRANCISCO CITY	\$9,410.69
CA	ST HELENA CITY	\$326.71
CA	STOCKTON CITY	\$4,267.32
CA	SUISUN CITY	\$2,400.00
CA	SUNNYVALE CITY	\$17,128.55
CA	SUSANVILLE CITY	\$1,410.00
CA	TEHACHAPI CITY	\$3,025.00
CA	TEHAMA COUNTY	\$10,624.02
CA	TORRANCE CITY	\$39,452.39
CA	TRACY CITY	\$7,481.00
CA	TUOLUMNE COUNTY	\$17,247.81
CA	TURLOCK CITY	\$7,133.24
CA	TUSTIN CITY	\$8,275.45
CA	UNION CITY	\$9,976.28
CA	VACAVILLE CITY	\$20,581.00
CA	VENTURA COUNTY	\$58,988.97
CA	WATSONVILLE CITY	\$7,408.50
CA	WEST SACRAMENTO CITY	\$8,000.00
CA	WESTMINSTER CITY	\$6,862.41
CA	WHITTIER CITY	\$6,898.64
CA	WILLIAMS CITY	\$1,981.98
CA	WILLITS CITY	\$1,002.43
CA	WOODLAND CITY	\$4,083.04
CA	YOLO COUNTY	\$3,014.59
CA	YUROC TRIBE	\$1,800.00
	Totals for CA(215 Jurisdictions):	\$4,944,552.64
CO	ALAMOSA CITY	\$3,183.00
CO	ARCHULETA COUNTY	\$3,200.00
CO	AULT TOWN	\$2,399.99
CO	AVON TOWN	\$2,000.00
CO	BASALT TOWN	\$1,838.00
CO	BAYFIELD TOWN	\$750.00
CO	BRIGHTON CITY	\$12,750.00
CO	BROOMFIELD CITY	\$10,800.00
CO	BRUSH CITY	\$1,600.00
CO	CALHAN TOWN	\$437.50
CO	CARBONDALE TOWN	\$1,462.50
CO	CASTLE ROCK TOWN	\$10,800.00
CO	CEDAREdge TOWN	\$1,310.99
CO	CHAFFEE COUNTY	\$9,997.50
CO	CHERRY HILLS VILLAGE CITY	\$1,275.00
CO	COMMERCE CITY	\$14,000.00
CO	CORTEZ CITY	\$2,000.00
CO	COSTILLA COUNTY	\$1,350.00
CO	CRESTED BUTTE CITY	\$675.00

CO	CRIPPLE CREEK CITY	\$1,798.00
CO	CUSTER COUNTY	\$1,414.50
CO	DELTA CITY	\$782.40
CO	DOLORES COUNTY	\$1,998.75
CO	EAGLE COUNTY	\$10,358.00
CO	EDGEWATER CITY	\$2,425.00
CO	ELBERT COUNTY	\$4,200.00
CO	ENGLEWOOD CITY	\$3,622.50
CO	FORT LUPTON CITY	\$2,925.00
CO	FORT MORGAN CITY	\$1,690.00
CO	FOUNTAIN CITY	\$7,995.00
CO	FREDERICK TOWN	\$4,125.00
CO	FRISCO TOWN	\$3,303.00
CO	GARDEN CITY TOWN	\$1,275.00
CO	GARFIELD COUNTY	\$9,400.00
CO	GLENDALE CITY	\$392.50
CO	GLENWOOD SPRINGS CITY	\$2,625.00
CO	GRAND JUNCTION CITY	\$23,770.50
CO	GUNNISON CITY	\$1,975.00
CO	HAYDEN TOWN	\$1,083.00
CO	HUERFANO COUNTY	\$9,194.25
CO	IGNACIO TOWN	\$1,619.00
CO	JACKSON COUNTY	\$1,545.00
CO	KIOWA TOWN	\$1,417.50
CO	LAFAYETTE CITY	\$5,200.00
CO	LAMAR CITY	\$1,135.00
CO	LAS ANIMAS COUNTY	\$1,996.48
CO	LOUISVILLE CITY	\$7,200.00
CO	MANITOU SPRINGS CITY	\$2,250.00
CO	MOFFAT COUNTY	\$3,016.00
CO	MONTE VISTA CITY	\$1,560.58
CO	MONTEZUMA COUNTY	\$4,375.00
CO	MONTROSE CITY	\$3,690.00
CO	MONTROSE COUNTY	\$4,402.50
CO	MORGAN COUNTY	\$4,600.00
CO	MORRISON TOWN	\$2,030.00
CO	MOUNT CRESTED BUTTE TOWN	\$675.00
CO	NORTHGLENN CITY	\$12,495.00
CO	OAK CREEK TOWN	\$400.00
CO	OTERO COUNTY	\$752.50
CO	PARACHUTE TOWN	\$2,000.00
CO	PARK COUNTY	\$3,401.00
CO	PHILLIPS COUNTY	\$1,137.00
CO	PITKIN COUNTY	\$3,220.00
CO	RIO BLANCO COUNTY	\$3,177.00
CO	ROUTT COUNTY	\$8,844.00
CO	SILVERTHORNE TOWN	\$1,267.50

CO	STEAMBOAT SPRINGS CITY	\$2,997.00
CO	STERLING CITY	\$2,800.00
CO	SUMMIT COUNTY	\$11,250.00
CO	TELLER COUNTY	\$5,625.00
CO	TIMNATH TOWN	\$412.50
CO	WASHINGTON COUNTY	\$1,615.00
CO	WOODLAND PARK CITY	\$4,275.00
CO	YUMA COUNTY	\$3,578.00
	Totals for CO(74 Jurisdictions):	\$294,140.44
CT	AVON TOWN	\$1,440.00
CT	BETHEL TOWN	\$6,820.00
CT	BLOOMFIELD CITY	\$9,987.50
CT	BRISTOL CITY	\$21,000.00
CT	BROOKFIELD TOWN	\$5,550.00
CT	COVENTRY TOWN	\$1,200.00
CT	DARIEN TOWN	\$2,450.00
CT	DERBY CITY	\$1,800.00
CT	EAST HAMPTON TOWN	\$2,522.50
CT	EAST LYME TOWN	\$2,125.00
CT	ENFIELD TOWN	\$11,160.00
CT	FAIRFIELD TOWN	\$8,064.00
CT	FARMINGTON TOWN	\$13,562.50
CT	GLASTONBURY TOWN	\$4,440.00
CT	GRANBY TOWN	\$447.50
CT	GREENWICH TOWN	\$9,800.00
CT	GROTON CITY	\$3,027.00
CT	GROTON TOWN	\$2,590.00
CT	GUILFORD TOWN	\$3,040.38
CT	HAMDEN TOWN	\$9,306.00
CT	LEDYARD TOWN	\$3,140.50
CT	MANCHESTER TOWN	\$3,384.00
CT	MERIDEN CITY	\$11,999.85
CT	MILFORD CITY	\$10,218.00
CT	MONROE TOWN	\$2,712.50
CT	NAUGATUCK BOROUGH	\$4,080.00
CT	NEW BRITAIN CITY	\$6,769.50
CT	NEWINGTON TOWN	\$8,860.75
CT	NORTH HAVEN TOWN	\$1,550.00
CT	NORWALK CITY	\$8,679.00
CT	NORWICH CITY	\$6,900.00
CT	OLD SAYBROOK TOWN	\$8,015.50
CT	PLAINVILLE TOWN	\$10,000.00
CT	PLYMOUTH TOWN	\$7,125.00
CT	PROSPECT TOWN	\$1,979.50
CT	RIDGEFIELD TOWN	\$3,750.00
CT	SEYMOUR TOWN	\$4,794.00
CT	SIMSBURY TOWN	\$3,237.50

CT	SOUTH WINDSOR TOWN	\$4,125.00
CT	STRATFORD TOWN	\$7,480.00
CT	SUFFIELD TOWN	\$4,307.00
CT	TORRINGTON CITY	\$26,235.00
CT	WEST HARTFORD TOWN	\$22,325.00
CT	WESTPORT TOWN	\$2,720.00
CT	WETHERSFIELD TOWN	\$6,450.00
CT	WINDHAM TOWN	\$3,200.00
CT	WINDSOR TOWN	\$3,726.00
CT	WOODBIDGE TOWN	\$4,009.50
	Totals for CT(48 Jurisdictions):	\$312,105.48
DC	WASHINGTON D C CITY	\$123,153.67
	Totals for DC(1 Jurisdictions):	\$123,153.67
DE	BETHANY BEACH TOWN	\$2,355.00
DE	CLAYTON TOWN	\$1,698.73
DE	DELAWARE	\$137,587.47
DE	DELAWARE RIVER AND BAY AUTHORITY	\$12,355.00
DE	HARRINGTON CITY	\$1,501.50
DE	LAUREL TOWN	\$1,452.00
DE	MIDDLETOWN TOWN	\$5,538.91
DE	MILFORD CITY	\$5,082.00
DE	MILLSBORO TOWN	\$2,241.00
DE	NEWARK CITY	\$6,477.00
DE	SEAFORD CITY	\$2,158.20
DE	WILMINGTON CITY	\$55,877.50
	Totals for DE(12 Jurisdictions):	\$234,324.31
FL	ALACHUA COUNTY	\$33,251.49
FL	ALTAMONTE SPRINGS CITY	\$4,773.60
FL	ARCADIA CITY	\$4,800.00
FL	ATLANTIC BEACH CITY	\$4,813.75
FL	ATLANTIS CITY	\$1,482.36
FL	AUBURNDALE CITY	\$4,406.40
FL	AVENTURA CITY	\$9,125.00
FL	BAKER COUNTY	\$3,490.00
FL	BAY COUNTY	\$15,287.36
FL	BELLEAIR TOWN	\$2,928.00
FL	BOCA RATON CITY	\$53,550.00
FL	BOYNTON BEACH CITY	\$15,862.50
FL	BRADENTON CITY	\$8,392.00
FL	BRADFORD COUNTY	\$8,235.00
FL	BROWARD COUNTY	\$65,063.17
FL	CAPE CORAL CITY	\$3,863.50
FL	CHIPLEY CITY	\$1,809.00
FL	CITRUS COUNTY	\$13,958.02
FL	CLAY COUNTY	\$27,143.62
FL	CLEARWATER CITY	\$48,491.76
FL	CLERMONT CITY	\$8,480.00

FL	COCOA BEACH CITY	\$3,750.00
FL	COCONUT CREEK CITY	\$9,985.38
FL	COLUMBIA COUNTY	\$8,750.00
FL	DADE CITY	\$4,892.94
FL	DAVENPORT CITY	\$1,101.60
FL	DAYTONA BEACH CITY	\$30,000.00
FL	DAYTONA BEACH SHORES CITY	\$2,569.00
FL	DE FUNIAK SPRINGS CITY	\$2,531.20
FL	DELAND CITY	\$7,597.00
FL	DUVAL CO SCH DIST	\$4,460.36
FL	EATONVILLE TOWN	\$3,750.00
FL	EDGEWATER CITY	\$4,482.00
FL	EDGEWOOD CITY	\$1,155.14
FL	ESCAMBIA COUNTY	\$7,769.55
FL	FELLSMERE CITY	\$330.00
FL	FLAGLER BEACH CITY	\$1,419.98
FL	FLORIDA	\$217,135.03
FL	FLORIDA CITY	\$1,980.00
FL	FORT LAUDERDALE CITY	\$34,501.14
FL	FORT MYERS CITY	\$13,125.00
FL	FRUITLAND PARK CITY	\$2,202.00
FL	GADSDEN COUNTY	\$26,400.00
FL	GAINESVILLE CITY	\$8,217.80
FL	GROVELAND CITY	\$3,670.00
FL	GULF STREAM TOWN	\$1,155.00
FL	GULFPORT CITY	\$2,569.00
FL	GRETNA CITY	\$1,151.66
FL	HAINES CITY	\$4,806.75
FL	HALLANDALE CITY	\$15,512.50
FL	HARDEE COUNTY	\$3,969.00
FL	HAVANA TOWN	\$1,982.88
FL	HENDRY COUNTY	\$14,046.88
FL	HERNANDO COUNTY	\$16,001.83
FL	HIGHLANDS COUNTY	\$17,382.40
FL	HOWEY IN THE HILLS TOWN	\$1,675.00
FL	INDIALANTIC CITY	\$2,607.00
FL	INDIAN HARBOUR BEACH CITY	\$1,080.00
FL	INDIAN RIVER COUNTY	\$27,818.80
FL	INDIAN RIVER SHORES CITY	\$2,714.25
FL	INDIAN SHORES TOWN	\$1,940.00
FL	JACKSONVILLE AVIATION AUTHORITY	\$1,109.25
FL	JACKSONVILLE CITY	\$239,063.00
FL	JUNO BEACH TOWN	\$1,425.56
FL	JUPITER TOWN	\$6,503.00
FL	KENNETH CITY TOWN	\$2,625.00
FL	KISSIMMEE CITY	\$12,450.00
FL	LADY LAKE TOWN	\$3,996.00

FL	LAKE HAMILTON TOWN	\$701.25
FL	LAKE MARY CITY	\$12,992.40
FL	LAKE PLACID TOWN	\$1,402.50
FL	LAKE WALES CITY	\$1,357.02
FL	LANTANA TOWN	\$3,575.00
FL	LARGO CITY	\$14,577.00
FL	LAUDERHILL CITY	\$14,280.00
FL	LEESBURG CITY	\$5,462.10
FL	LIGHTHOUSE POINT CITY	\$6,336.96
FL	LONGWOOD CITY	\$4,785.00
FL	MARGATE CITY	\$13,200.00
FL	MARIANNA CITY	\$1,619.97
FL	MARION COUNTY	\$14,249.06
FL	MELBOURNE BEACH TOWN	\$325.00
FL	MELBOURNE CITY	\$11,049.50
FL	MELBOURNE VILLAGE TOWN	\$1,750.00
FL	MICCOSUKEE TRIBE	\$19,363.00
FL	MIRAMAR CITY	\$23,947.05
FL	MONROE COUNTY	\$20,430.00
FL	MIAMI GARDENS CITY	\$11,772.05
FL	NAPLES CITY	\$5,181.61
FL	NASSAU COUNTY	\$7,020.00
FL	NORTH MIAMI BEACH CITY	\$7,620.00
FL	NORTH PALM BEACH VILLAGE	\$1,402.50
FL	NORTH PORT CITY	\$2,936.00
FL	OAKLAND TOWN	\$2,100.00
FL	OCALA CITY	\$43,827.00
FL	OCEAN RIDGE TOWN	\$1,650.00
FL	OKEECHOBEE COUNTY	\$9,960.00
FL	ORANGE CITY	\$9,909.00
FL	ORLANDO CITY	\$112,333.81
FL	OVIEDO CITY	\$5,872.00
FL	PALATKA CITY	\$3,118.50
FL	PALM BEACH COUNTY	\$158,469.80
FL	PALM BEACH GARDENS CITY	\$15,470.63
FL	PALM BEACH SHORES TOWN	\$5,364.00
FL	PALM BEACH TOWN	\$7,755.00
FL	PALM SPRINGS VILLAGE	\$5,450.00
FL	PALMETTO CITY	\$3,600.00
FL	PANAMA CITY	\$7,908.75
FL	PANAMA CITY BEACH CITY	\$5,865.00
FL	PASCO COUNTY	\$140,540.07
FL	PEMBROKE PINES CITY	\$31,122.06
FL	PENSACOLA CITY	\$22,707.00
FL	PENSACOLA JUNIOR COLLEGE	\$724.44
FL	PINECREST VILLAGE	\$1,610.00
FL	PLANT CITY	\$3,304.80

FL	PONCE INLET TOWN	\$3,502.98
FL	PORT ST LUCIE CITY	\$32,327.84
FL	PUNTA GORDA CITY	\$11,529.20
FL	PUTNAM COUNTY	\$4,463.20
FL	RIVIERA BEACH CITY	\$7,520.70
FL	SANFORD CITY	\$21,481.20
FL	SANIBEL CITY	\$5,510.00
FL	SANTA FE COMMUNITY COLLEGE	\$4,428.50
FL	SANTA ROSA COUNTY	\$31,571.72
FL	SARASOTA CITY	\$18,870.00
FL	SATELLITE BEACH CITY	\$990.00
FL	SEBASTIAN CITY	\$4,893.10
FL	SEMINOLE TRIBE OF FLORIDA	\$10,125.00
FL	SEWALLS POINT TOWN	\$1,200.00
FL	SOUTH DAYTONA CITY	\$4,290.00
FL	SOUTH MIAMI CITY	\$2,761.00
FL	SPRINGFIELD CITY	\$2,000.00
FL	ST AUGUSTINE BEACH CITY	\$3,200.68
FL	ST CLOUD CITY	\$15,789.60
FL	ST JOHNS COUNTY	\$55,549.55
FL	ST LUCIE COUNTY	\$51,873.96
FL	STUART CITY	\$2,900.00
FL	SUNRISE CITY	\$13,470.56
FL	SWEETWATER CITY	\$1,750.00
FL	TARPON SPRINGS CITY	\$4,611.60
FL	TAVARES CITY	\$1,875.00
FL	TEMPLE TERRACE CITY	\$4,773.60
FL	TITUSVILLE CITY	\$9,180.00
FL	UMATILLA CITY	\$656.25
FL	VENICE CITY	\$2,104.78
FL	VERO BEACH CITY	\$11,144.00
FL	VOLUSIA COUNTY	\$85,107.35
FL	WALTON COUNTY	\$42,876.00
FL	WASHINGTON COUNTY	\$13,646.88
FL	WAUCHULA CITY	\$1,687.50
FL	WEST MELBOURNE CITY	\$5,895.00
FL	WEST PALM BEACH CITY	\$25,082.94
FL	WILDWOOD CITY	\$5,600.00
FL	WILTON MANORS CITY	\$2,715.00
FL	WINDERMERE TOWN	\$2,425.00
FL	WINTER GARDEN CITY	\$8,000.00
FL	WINTER HAVEN CITY	\$10,993.32
FL	WINTER PARK CITY	\$17,380.00
	Totals for FL(158 Jurisdictions):	\$2,498,316.25
GA	ALBANY CITY	\$10,762.50
GA	ALMA CITY	\$1,858.50
GA	ALPHARETTA CITY	\$15,375.00

GA	AMERICUS CITY	\$3,495.00
GA	AUBURN CITY	\$1,952.48
GA	BARNESVILLE CITY	\$1,192.50
GA	BEN HILL COUNTY	\$17,354.00
GA	BERRIEN COUNTY	\$2,439.50
GA	BLUE RIDGE CITY	\$3,668.50
GA	BYRON CITY	\$2,101.50
GA	CALHOUN CITY	\$5,526.25
GA	CAMDEN COUNTY	\$4,025.00
GA	CANTON CITY	\$3,650.00
GA	CARROLL COUNTY	\$8,703.96
GA	CARTERSVILLE CITY	\$3,390.00
GA	CATOOSA COUNTY	\$5,625.00
GA	CEDARTOWN CITY	\$695.00
GA	CHAMBLEE CITY	\$8,800.00
GA	CHATTOOGA COUNTY	\$2,975.00
GA	CLARKESVILLE CITY	\$2,700.00
GA	CLARKSTON CITY	\$7,862.50
GA	COCHRAN CITY	\$1,625.00
GA	COFFEE COUNTY	\$10,206.00
GA	COLLEGE PARK CITY	\$4,510.00
GA	COLQUITT COUNTY	\$5,950.00
GA	CONYERS CITY	\$16,689.75
GA	CORDELE CITY	\$14,090.00
GA	CORNELIA CITY	\$2,599.92
GA	DALLAS CITY	\$5,617.50
GA	DALTON CITY	\$7,500.00
GA	DAWSON COUNTY	\$2,100.00
GA	DEKALB COUNTY	\$67,179.88
GA	DEMOREST CITY	\$1,150.00
GA	DORAVILLE CITY	\$9,185.00
GA	DOUGHERTY COUNTY	\$20,949.93
GA	DOUGLAS CITY	\$3,612.50
GA	DOUGLASVILLE CITY	\$12,350.00
GA	DUBLIN CITY	\$5,137.50
GA	DULUTH CITY	\$4,231.38
GA	EAST POINT CITY	\$5,971.80
GA	ELLIJAY CITY	\$1,190.00
GA	EMERSON CITY	\$351.00
GA	FAYETTEVILLE CITY	\$6,374.80
GA	FITZGERALD CITY	\$3,992.50
GA	FLOYD COUNTY	\$5,550.00
GA	FORT OGLETHORPE	\$1,702.50
GA	FRANKLIN CITY	\$2,000.00
GA	GAINESVILLE CITY	\$7,986.00
GA	GEORGIA	\$95,653.76
GA	GLENNVILLE CITY	\$2,810.00

GA	GLYNN COUNTY	\$21,412.00
GA	GRADY COUNTY	\$6,068.50
GA	GREENE COUNTY	\$3,176.46
GA	GRIFFIN CITY	\$8,687.50
GA	HARRIS COUNTY	\$5,550.00
GA	HART COUNTY	\$9,800.00
GA	HENRY COUNTY	\$27,468.25
GA	HOMERVILLE CITY	\$2,800.00
GA	HOUSTON COUNTY	\$869.32
GA	JACKSON COUNTY	\$2,377.03
GA	JESUP CITY	\$3,030.00
GA	JOHNS CREEK CITY	\$9,062.50
GA	KENNESAW CITY	\$3,017.50
GA	KINGSLAND CITY	\$2,700.00
GA	LA FAYETTE CITY	\$2,832.50
GA	LAGRANGE CITY	\$4,972.50
GA	LAURENS COUNTY	\$4,065.00
GA	LAVONIA CITY	\$1,595.00
GA	LEE COUNTY	\$4,839.69
GA	LILBURN CITY	\$1,100.00
GA	LINCOLN COUNTY	\$1,150.00
GA	LUMPKIN COUNTY	\$6,930.00
GA	MADISON CITY	\$2,372.50
GA	MARIETTA CITY	\$6,843.00
GA	MCDONOUGH CITY	\$2,782.50
GA	MCINTOSH COUNTY	\$4,544.00
GA	MILLEDGEVILLE CITY	\$2,756.00
GA	MONROE CITY	\$6,957.43
GA	MONROE COUNTY	\$3,769.94
GA	MORGAN COUNTY	\$4,095.00
GA	MOULTRIE CITY	\$9,097.56
GA	MILTON CITY	\$3,740.00
GA	NASHVILLE CITY	\$3,170.00
GA	NEWNAN CITY	\$11,287.50
GA	NEWTON COUNTY	\$2,347.62
GA	PEACH COUNTY	\$1,625.00
GA	PEARSON CITY	\$2,527.85
GA	PERRY CITY	\$2,985.00
GA	PICKENS COUNTY	\$11,600.00
GA	POLK COUNTY	\$4,875.00
GA	PUTNAM COUNTY	\$1,719.00
GA	RICHMOND HILL CITY	\$4,680.00
GA	RIVERDALE CITY	\$6,842.50
GA	ROCKDALE COUNTY	\$14,100.00
GA	ROCKMART CITY	\$587.50
GA	ROME CITY	\$6,545.00
GA	ROSWELL CITY	\$11,120.00

GA	SMYRNA CITY	\$13,042.00
GA	ST MARYS CITY	\$2,765.00
GA	STEPHENS COUNTY	\$4,050.00
GA	STONE MOUNTAIN CITY	\$1,995.00
GA	SUMMERVILLE CITY	\$5,220.00
GA	SUMTER COUNTY	\$2,178.94
GA	TATTNALL COUNTY	\$3,705.00
GA	TELFAIR COUNTY	\$5,681.00
GA	TEMPLE CITY	\$5,900.00
GA	THOMASVILLE CITY	\$1,647.00
GA	TIFT COUNTY	\$3,150.00
GA	TIFTON CITY	\$8,787.50
GA	TYBEE ISLAND CITY	\$3,406.96
GA	TYRONE TOWN	\$1,323.73
GA	VALDOSTA CITY	\$21,715.50
GA	VIDALIA CITY	\$1,670.00
GA	VILLA RICA CITY	\$3,750.00
GA	WALKER COUNTY	\$10,485.00
GA	WALTON COUNTY	\$6,500.00
GA	WARNER ROBINS CITY	\$13,162.50
GA	WAYCROSS CITY	\$3,750.00
GA	WHITE COUNTY	\$3,963.00
GA	WHITESBURG CITY	\$2,260.47
	Totals for GA(120 Jurisdictions):	\$839,001.16
IA	ALBIA CITY	\$1,750.00
IA	AMES CITY	\$3,844.50
IA	ANKENY CITY	\$4,550.00
IA	BELLE PLAINE CITY	\$1,312.50
IA	BETTENDORF CITY	\$2,158.75
IA	BOONE COUNTY	\$3,375.00
IA	CARROLL CITY	\$1,383.20
IA	CEDAR FALLS CITY	\$1,792.50
IA	CHARLES CITY	\$1,410.00
IA	CLARINDA CITY	\$800.00
IA	CLAYTON COUNTY	\$4,812.50
IA	CLEAR LAKE CITY	\$1,600.00
IA	CLINTON CITY	\$2,003.25
IA	CLINTON COUNTY	\$3,166.25
IA	CLIVE CITY	\$2,397.00
IA	COLUMBUS JUNCTION CITY	\$598.35
IA	CORALVILLE CITY	\$6,370.00
IA	COUNCIL BLUFFS CITY	\$3,605.06
IA	DE WITT CITY	\$1,006.14
IA	DECORAH CITY	\$840.00
IA	DENISON CITY	\$2,000.00
IA	FLOYD COUNTY	\$1,598.00
IA	FOREST CITY	\$428.25

IA	FORT DODGE CITY	\$7,050.00
IA	FORT MADISON CITY	\$809.00
IA	GOWRIE CITY	\$2,400.00
IA	HENRY COUNTY	\$2,756.00
IA	HIAWATHA CITY	\$2,000.00
IA	HOWARD COUNTY	\$985.00
IA	IDA COUNTY	\$5,500.00
IA	INDIANOLA CITY	\$2,085.00
IA	JASPER COUNTY	\$1,191.00
IA	JOHNSTON CITY	\$4,394.50
IA	LISBON CITY	\$1,076.99
IA	LOGAN CITY	\$412.50
IA	LOUISA COUNTY	\$1,605.78
IA	MARION COUNTY	\$1,722.50
IA	MELCHER-DALLAS CITY	\$2,799.59
IA	MILLS COUNTY	\$1,762.50
IA	MOUNT VERNON CITY	\$525.00
IA	MUSCATINE CITY	\$460.00
IA	NASHUA CITY	\$1,780.00
IA	NORTH LIBERTY CITY	\$2,400.00
IA	OSCEOLA COUNTY	\$662.50
IA	OSKALOOSA CITY	\$1,739.65
IA	OTTUMWA CITY	\$5,033.00
IA	PAULLINA CITY	\$455.94
IA	PELLA CITY	\$3,432.50
IA	PLYMOUTH COUNTY	\$2,880.00
IA	SHENANDOAH CITY	\$1,048.50
IA	SIGOURNEY CITY	\$377.50
IA	SIOUX CITY	\$6,000.00
IA	SPENCER CITY	\$8,000.00
IA	SPIRIT LAKE CITY	\$1,600.00
IA	STORY COUNTY	\$4,494.00
IA	STRAWBERRY POINT CITY	\$539.99
IA	URBANDALE CITY	\$5,062.50
IA	WARREN COUNTY	\$4,800.00
IA	WATERLOO CITY	\$8,775.00
IA	WAUKEE CITY	\$2,000.00
IA	WEBSTER COUNTY	\$2,806.00
IA	WILLIAMSBURG CITY	\$2,400.00
IA	WINDSOR HEIGHTS CITY	\$1,067.50
	Totals for IA(63 Jurisdictions):	\$159,691.19
ID	BANNOCK COUNTY	\$8,622.00
ID	BLACKFOOT CITY	\$4,536.00
ID	BLAINE COUNTY	\$2,400.00
ID	BONNER COUNTY	\$5,822.13
ID	BOUNDARY COUNTY	\$3,245.00
ID	COEUR D ALENE CITY	\$6,939.00

ID	EMMETT CITY	\$2,880.00
ID	FRUITLAND CITY	\$5,163.30
ID	GARDEN CITY	\$2,800.00
ID	GOODING COUNTY	\$6,418.98
ID	HOMEDALE CITY	\$1,596.00
ID	IDAHO COUNTY	\$2,331.81
ID	IDAHO FALLS CITY	\$25,200.00
ID	LATAH COUNTY	\$2,400.00
ID	MADISON COUNTY	\$1,205.00
ID	MCCALL CITY	\$2,487.50
ID	MOSCOW CITY	\$2,800.00
ID	NAMPA CITY	\$7,500.00
ID	NEZ PERCE COUNTY	\$1,364.00
ID	PARMA CITY	\$2,590.38
ID	PAYETTE CITY	\$911.00
ID	POCATELLO CITY	\$12,880.00
ID	PONDERAY CITY	\$842.70
ID	PRESTON CITY	\$2,404.98
ID	RIGBY CITY	\$1,608.45
ID	RUPERT CITY	\$1,755.00
ID	SANDPOINT CITY	\$2,391.12
ID	ST ANTHONY CITY	\$917.37
ID	SUN VALLEY CITY	\$2,922.50
ID	TWIN FALLS COUNTY	\$13,437.50
ID	VALLEY COUNTY	\$3,979.00
	Totals for ID(31 Jurisdictions):	\$142,350.72
IL	ADDISON VILLAGE	\$7,220.00
IL	ALGONQUIN VILLAGE	\$3,140.00
IL	ALSIP VILLAGE	\$2,400.00
IL	ALTAMONT CITY	\$1,245.00
IL	ALTON CITY	\$4,659.00
IL	ANTIOCH VILLAGE	\$2,762.50
IL	ARLINGTON HEIGHTS VILLAGE	\$21,195.00
IL	BANNOCKBURN VILLAGE	\$3,124.50
IL	BARRINGTON HILLS VILLAGE	\$3,519.31
IL	BARTLETT VILLAGE	\$5,102.50
IL	BATAVIA CITY	\$9,015.00
IL	BEDFORD PARK VILLAGE	\$4,000.00
IL	BEECHER VILLAGE	\$1,480.00
IL	BELLWOOD VILLAGE	\$9,709.00
IL	BENSENVILLE VILLAGE	\$5,556.00
IL	BERKELEY VILLAGE	\$1,875.00
IL	BERWYN CITY	\$5,822.50
IL	BETHALTO VILLAGE	\$3,220.00
IL	BLOOMINGDALE VILLAGE	\$6,531.50
IL	BLUE ISLAND CITY	\$4,375.00
IL	BOURBONNAIS VILLAGE	\$3,200.00

IL	BRADLEY VILLAGE	\$2,621.00
IL	BRIDGEVIEW VILLAGE	\$11,845.00
IL	BUFFALO GROVE VILLAGE	\$4,808.09
IL	BURBANK CITY	\$3,001.92
IL	BURR RIDGE VILLAGE	\$3,075.00
IL	CAHOKIA VILLAGE	\$3,015.00
IL	CANTON CITY	\$2,730.00
IL	CAROL STREAM VILLAGE	\$5,440.00
IL	CARPENTERSVILLE VILLAGE	\$808.50
IL	CARTERVILLE CITY	\$2,981.91
IL	CENTRAL CITY VILLAGE	\$2,383.50
IL	CENTRALIA CITY	\$1,950.00
IL	CHAMPAIGN COUNTY	\$11,518.49
IL	CHARLESTON CITY	\$3,031.00
IL	CHICAGO HGHTS CITY	\$10,644.62
IL	CLARENDON HILLS VILLAGE	\$725.50
IL	CLARK COUNTY	\$6,000.00
IL	CLINTON CITY	\$1,540.00
IL	CLINTON COUNTY	\$3,975.00
IL	COAL CITY VILLAGE	\$2,250.00
IL	COAL VALLEY VILLAGE	\$199.75
IL	COLES COUNTY	\$3,940.00
IL	COLLEGE OF DUPAGE	\$1,168.15
IL	COLLINSVILLE CITY	\$8,525.00
IL	COLONA CITY	\$1,452.50
IL	COUNTRY CLUB HILLS	\$6,831.00
IL	CREST HILL CITY	\$4,375.00
IL	CRETE VILLAGE	\$3,375.00
IL	CREVE COEUR VILLAGE	\$2,400.00
IL	DANVILLE CITY	\$7,750.00
IL	DE KALB CITY	\$6,800.00
IL	DE KALB COUNTY	\$5,433.25
IL	DECATUR CITY	\$28,400.00
IL	DEER CREEK VILLAGE	\$1,500.00
IL	DEERFIELD VILLAGE	\$1,971.39
IL	DES PLAINES CITY	\$2,279.75
IL	DIVERNON VILLAGE	\$1,860.00
IL	DOWNERS GROVE VILLAGE	\$7,200.00
IL	DURAND VILLAGE	\$981.25
IL	EAST DUNDEE VILLAGE	\$1,213.50
IL	EAST HAZEL CREST VILLAGE	\$1,612.50
IL	EAST PEORIA CITY	\$3,975.00
IL	EAST ST LOUIS CITY	\$15,887.50
IL	EDWARDSVILLE	\$6,272.00
IL	EFFINGHAM CITY	\$4,660.00
IL	EL PASO CITY	\$1,890.00
IL	ELGIN CITY	\$20,352.05

IL	ELK GROVE VILLAGE	\$15,700.00
IL	ELMHURST CITY	\$4,550.00
IL	EVANSTON CITY	\$12,910.00
IL	EVERGREEN PARK VILLAGE	\$6,410.00
IL	FAIRMONT CITY VILLAGE	\$4,950.00
IL	FAIRVIEW HEIGHTS CITY	\$8,361.62
IL	FAYETTE COUNTY	\$4,800.00
IL	FLOSSMOOR VILLAGE	\$1,005.13
IL	FORD COUNTY	\$2,944.98
IL	FOREST PARK VILLAGE	\$3,166.92
IL	FOX LAKE VILLAGE	\$2,400.00
IL	FOX RIVER GROVE VILLAGE	\$1,887.00
IL	FRANKFORT VILLAGE	\$5,047.50
IL	FRANKLIN PARK VILLAGE	\$3,596.00
IL	FREEBURG VILLAGE	\$1,787.50
IL	FREEPORT CITY	\$1,405.75
IL	FOREST PRESERVE DISTRICT OF DUPAGE COUNTY	\$2,156.10
IL	GALESBURG CITY	\$1,766.25
IL	GENEVA CITY	\$2,287.50
IL	GENOA CITY	\$341.50
IL	GIBSON CITY	\$699.00
IL	GILBERTS VILLAGE	\$1,200.00
IL	GLEN CARBON VILLAGE	\$3,200.00
IL	GLEN ELLYN VILLAGE	\$1,680.00
IL	GLENCOE VILLAGE	\$3,150.00
IL	GRAND RIDGE VILLAGE	\$367.35
IL	GRANDVIEW VILLAGE	\$2,000.00
IL	GRANITE CITY	\$2,770.64
IL	GRANTFORK VILLAGE	\$1,500.00
IL	GREENVILLE CITY	\$905.00
IL	GURNEE VILLAGE	\$5,280.00
IL	HAMEL VILLAGE	\$2,007.50
IL	HANOVER PARK VILLAGE	\$5,185.00
IL	HARVEY CITY	\$9,375.00
IL	HAWTHORNE WOODS VILLAGE	\$3,200.00
IL	HENRY COUNTY	\$1,797.75
IL	HIGHLAND CITY	\$1,640.00
IL	HIGHLAND PARK CITY	\$4,170.00
IL	HINSDALE VILLAGE	\$2,163.73
IL	HOMEWOOD VILLAGE	\$4,269.50
IL	HUNTLEY VILLAGE	\$2,140.00
IL	ILLINOIS	\$32,946.35
IL	ILLINOIS CENTRAL COLLEGE	\$1,294.93
IL	ITASCA VILLAGE	\$2,390.00
IL	JACKSON COUNTY	\$1,770.00
IL	JOLIET CITY	\$25,270.96
IL	KEWANEE CITY	\$800.00

IL	KNOX COUNTY	\$2,105.00
IL	LA GRANGE VILLAGE	\$2,785.00
IL	LA SALLE CITY	\$730.39
IL	LAKE BLUFF VILLAGE	\$399.15
IL	LAKE IN THE HILLS VILLAGE	\$1,400.00
IL	LAKE VILLA VILLAGE	\$2,165.37
IL	LAKE ZURICH VILLAGE	\$1,755.00
IL	LAKEMOOR VILLAGE	\$1,562.50
IL	LANSING VILLAGE	\$2,900.00
IL	LE ROY CITY	\$825.00
IL	LEE COUNTY	\$1,662.50
IL	LEMONT VILLAGE	\$3,500.00
IL	LIBERTYVILLE VILLAGE	\$1,781.65
IL	LINCOLN CITY	\$3,311.50
IL	LINCOLNSHIRE VILLAGE	\$4,137.50
IL	LOCKPORT CITY	\$3,082.00
IL	LOMBARD VILLAGE	\$7,326.65
IL	MACOMB CITY	\$2,713.75
IL	MAHOMET VILLAGE	\$2,800.00
IL	MANHATTAN VILLAGE	\$1,357.00
IL	MANTENO VILLAGE	\$400.00
IL	MARENGO CITY	\$1,200.00
IL	MARKHAM CITY	\$6,942.00
IL	MARSHALL CITY	\$800.00
IL	MARSHALL COUNTY	\$800.00
IL	MARYVILLE VILLAGE	\$1,077.50
IL	MATTOON CITY	\$2,226.00
IL	MELROSE PARK VILLAGE	\$16,800.00
IL	MENDOTA CITY	\$3,506.74
IL	MIDLOTHIAN VILLAGE	\$2,825.00
IL	MINONK CITY	\$2,250.00
IL	MOKENA VILLAGE	\$2,845.20
IL	MOLINE CITY	\$4,194.75
IL	MONTGOMERY VILLAGE	\$1,905.00
IL	MORRISON CITY	\$407.50
IL	MORTON GROVE VILLAGE	\$3,818.75
IL	MOULTRIE COUNTY	\$1,992.50
IL	MOUNT CARMEL CITY	\$3,265.00
IL	MOUNT PROSPECT VILLAGE	\$11,169.00
IL	MOUNT ZION VILLAGE	\$1,567.01
IL	MT. PULASKI CITY	\$1,222.50
IL	MURPHYSBORO CITY	\$3,138.00
IL	NAPERVILLE CITY	\$4,265.11
IL	NEW LENOX VILLAGE	\$7,191.00
IL	NEWTON CITY	\$1,177.50
IL	NILES VILLAGE	\$2,800.00
IL	NORRIDGE VILLAGE	\$3,200.00

IL	NORTH AURORA VILLAGE	\$1,805.25
IL	NORTH RIVERSIDE VILLAGE	\$3,200.00
IL	NORTHFIELD VILLAGE	\$1,605.00
IL	NAPERVILLE PARK DISTRICT	\$2,943.02
IL	OAK BROOK VILLAGE	\$4,550.00
IL	OAK FOREST CITY	\$2,866.50
IL	OAK LAWN VILLAGE	\$5,180.00
IL	OAK PARK VILLAGE	\$17,053.25
IL	OAKBROOK TERRACE CITY	\$1,692.50
IL	OAKTON COMMUNITY COLLEGE	\$797.79
IL	OLYMPIA FIELDS VILLAGE	\$4,800.00
IL	ORLAND PARK VILLAGE	\$7,645.00
IL	OSWEGO VILLAGE	\$1,211.00
IL	PALATINE VILLAGE	\$1,019.95
IL	PALESTINE VILLAGE	\$399.50
IL	PALOS HEIGHTS CITY	\$5,822.50
IL	PALOS PARK VILLAGE	\$1,612.50
IL	PANA CITY	\$857.82
IL	PARK FOREST VILLAGE	\$7,316.00
IL	PEOTONE VILLAGE	\$4,800.00
IL	PLAINFIELD VILLAGE	\$3,785.00
IL	PLANO CITY	\$2,432.50
IL	PRAIRIE GROVE VILLAGE	\$2,000.00
IL	PROSPECT HEIGHTS CITY	\$3,140.00
IL	PEORIA PARK DISTRICT	\$3,395.79
IL	RANTOUL VILLAGE	\$2,971.46
IL	RICHLAND COUNTY	\$2,042.50
IL	RICHMOND VILLAGE	\$6,225.00
IL	RICHTON PARK VILLAGE	\$1,359.10
IL	RIVER FOREST VILLAGE	\$3,600.00
IL	RIVERSIDE VILLAGE	\$4,000.00
IL	RIVERWOODS VILLAGE	\$3,590.00
IL	ROCHESTER VILLAGE	\$790.00
IL	ROCK FALLS CITY	\$1,005.71
IL	ROCKFORD CITY	\$24,419.07
IL	ROLLING MEADOWS CITY	\$1,962.50
IL	ROMEOVILLE VILLAGE	\$7,600.00
IL	ROSCOE VILLAGE	\$785.00
IL	ROSEMONT VILLAGE	\$6,780.00
IL	ROUND LAKE BEACH VILLAGE	\$2,158.15
IL	ROUND LAKE VILLAGE	\$2,695.00
IL	ROXANA VILLAGE	\$2,325.00
IL	ROCK VALLEY COLLEGE	\$1,711.48
IL	SALEM CITY	\$2,750.00
IL	SAUK VILLAGE VILLAGE	\$1,205.00
IL	SAVANNA CITY	\$621.57
IL	SCHAUMBURG VILLAGE	\$9,040.00

IL	SHILOH VILLAGE	\$3,425.00
IL	SILVIS CITY	\$4,202.55
IL	SKOKIE VILLAGE	\$18,273.25
IL	SMITHTON VILLAGE	\$1,937.50
IL	SOUTH BARRINGTON VILLAGE	\$7,694.50
IL	SOUTH BELOIT CITY	\$2,000.00
IL	SOUTH SUBURBAN COLLEGE	\$7,323.03
IL	SPRINGFIELD CITY	\$6,030.91
IL	ST CLAIR COUNTY	\$7,674.47
IL	ST.CHARLES CITY	\$11,505.00
IL	STEPHENSON COUNTY	\$2,012.50
IL	STERLING CITY	\$1,403.50
IL	STONINGTON VILLAGE	\$1,192.50
IL	STREAMWOOD VILLAGE	\$4,760.00
IL	SUMMIT VILLAGE	\$3,545.00
IL	SWANSEA VILLAGE	\$395.50
IL	TAZEWELL COUNTY	\$1,136.46
IL	THORNTON VILLAGE	\$1,213.00
IL	TOLUCA CITY	\$1,875.00
IL	TRENTON CITY	\$1,494.00
IL	TROY CITY	\$6,975.00
IL	TUSCOLA CITY	\$1,400.00
IL	UNION VILLAGE	\$785.00
IL	URBANA CITY	\$5,107.50
IL	VERNON HILLS VILLAGE	\$3,200.00
IL	VILLA PARK VILLAGE	\$4,675.00
IL	VILLAGE OF LAGRANGE PARK	\$1,200.00
IL	WARRENSBURG VILLAGE	\$2,352.00
IL	WATSEKA CITY	\$449.00
IL	WAUCONDA VILLAGE	\$5,845.00
IL	WAUKEGAN CITY	\$23,300.00
IL	WEST CHICAGO CITY	\$3,440.00
IL	WEST DUNDEE VILLAGE	\$2,747.50
IL	WESTERN SPRINGS VILLAGE	\$2,804.01
IL	WESTMONT VILLAGE	\$4,500.00
IL	WHEATON CITY	\$6,400.00
IL	WHEELING VILLAGE	\$11,250.00
IL	WILLIAMSON COUNTY	\$1,610.00
IL	WILMETTE VILLAGE	\$6,890.63
IL	WINFIELD VILLAGE	\$1,779.90
IL	WINNETKA VILLAGE	\$398.40
IL	WINTHROP HARBOR VILLAGE	\$4,772.00
IL	WOOD DALE CITY	\$2,099.50
IL	WOODRIDGE VILLAGE	\$4,264.75
IL	WOODSON VILLAGE	\$1,300.00
IL	WORTH VILLAGE	\$2,000.00
	Totals for IL(255 Jurisdictions):	\$1,079,939.68

IN	ALEXANDRIA CITY	\$3,576.65
IN	ANDERSON CITY	\$7,475.00
IN	ANGOLA CITY	\$4,546.50
IN	AURORA CITY	\$4,000.00
IN	AVON TOWN	\$4,629.95
IN	BATESVILLE CITY	\$1,155.00
IN	BLOOMINGTON CITY	\$32,401.51
IN	BLUFFTON CITY	\$1,999.98
IN	BOONE COUNTY	\$6,387.50
IN	BOURBON TOWN	\$2,811.60
IN	BREMEN TOWN	\$800.00
IN	BROWNSBURG TOWN	\$2,400.00
IN	CARMEL CITY	\$7,600.00
IN	CARROLL COUNTY	\$7,412.50
IN	CEDAR LAKE TOWN	\$7,900.00
IN	CHESTERFIELD TOWN	\$2,187.50
IN	CHESTERTON TOWN	\$3,090.50
IN	CHURUBUSCO TOWN	\$5,200.00
IN	CICERO TOWN	\$5,011.44
IN	CLAY CITY TOWN	\$1,350.00
IN	CLAYTON TOWN	\$800.00
IN	COLUMBIA CITY	\$739.00
IN	CONNERSVILLE CITY	\$2,550.00
IN	CRAWFORD COUNTY	\$5,370.00
IN	CROWN POINT CITY	\$2,800.00
IN	DANVILLE TOWN	\$3,500.00
IN	DELPHI CITY	\$1,850.00
IN	DYER TOWN	\$2,097.00
IN	EDWARDSPORT TOWN	\$2,000.00
IN	ELKHART CITY	\$12,307.73
IN	FERDINAND TOWN	\$1,185.00
IN	FISHERS TOWN	\$5,200.00
IN	FRANCISCO TOWN	\$704.99
IN	FRANKLIN COUNTY	\$2,137.50
IN	GARRETT CITY	\$4,000.00
IN	GOSHEN CITY	\$16,434.00
IN	GREENDALE CITY	\$4,000.00
IN	GREENFIELD CITY	\$11,430.00
IN	GREENSBURG CITY	\$3,500.00
IN	GREENTOWN TOWN	\$1,424.98
IN	GREENWOOD CITY	\$7,569.00
IN	GRIFFITH TOWN	\$4,650.00
IN	HAMMOND CITY	\$13,223.13
IN	HAUBSTADT TOWN	\$800.00
IN	HEBRON TOWN	\$5,287.50
IN	HENRY COUNTY	\$20,760.00
IN	HIGHLAND TOWN	\$4,675.00

IN	HOBART CITY	\$6,250.00
IN	HOMECROFT TOWN	\$3,582.47
IN	HOWARD COUNTY	\$14,707.50
IN	HUNTINGBURG CITY	\$1,962.50
IN	HUNTINGTON COUNTY	\$7,920.00
IN	INDIANA	\$14,667.07
IN	JAMESTOWN TOWN	\$911.85
IN	JASPER CITY	\$3,555.00
IN	JEFFERSONVILLE CITY	\$2,452.68
IN	KENNARD TOWN	\$1,910.00
IN	KOKOMO CITY	\$4,599.94
IN	LAFAYETTE CITY	\$7,275.00
IN	LAWRENCE CITY	\$7,414.00
IN	LEBANON CITY	\$4,000.00
IN	LOGANSPOUT CITY	\$4,319.94
IN	LOGOOTE CITY	\$1,641.98
IN	LOWELL TOWN	\$975.00
IN	LEAVENWORTH TOWN	\$760.00
IN	MARION CITY	\$10,280.00
IN	MARION COUNTY	\$35,316.13
IN	MARTINSVILLE CITY	\$4,964.90
IN	MERRILLVILLE TOWN	\$4,026.00
IN	MISHAWAKA CITY	\$27,023.50
IN	MONTGOMERY COUNTY	\$3,667.54
IN	MOORESVILLE TOWN	\$904.99
IN	MORGAN COUNTY	\$13,019.86
IN	MUNCIE CITY	\$11,550.00
IN	MUNSTER TOWN	\$4,810.00
IN	NEW CASTLE CITY	\$2,757.50
IN	NEW CHICAGO TOWN	\$4,000.00
IN	NEW HAVEN CITY	\$2,050.00
IN	NEWBURGH TOWN	\$885.00
IN	NOBLE COUNTY	\$9,090.00
IN	NOBLESVILLE CITY	\$3,760.00
IN	NORTH MANCHESTER TOWN	\$1,580.00
IN	NORTH VERNON CITY	\$1,740.00
IN	NORTH WEBSTER TOWN	\$401.00
IN	PARKE COUNTY	\$4,447.96
IN	PERU CITY	\$4,194.00
IN	PIKE TOWNSHIP	\$1,087.50
IN	PLYMOUTH CITY	\$1,050.00
IN	PORTAGE CITY	\$12,730.00
IN	PORTLAND CITY	\$805.48
IN	POSEY COUNTY	\$3,482.50
IN	RUSHVILLE CITY	\$1,543.97
IN	SELMA TOWN	\$2,065.00
IN	SEYMOUR CITY	\$2,940.00

IN	SHELBY COUNTY	\$3,200.00
IN	TELL CITY	\$7,075.00
IN	TERRE HAUTE CITY	\$1,858.13
IN	TIPPECANOE COUNTY	\$2,535.52
IN	TIPTON CITY	\$1,220.00
IN	VALPARAISO CITY	\$4,225.00
IN	VANDEBURGH COUNTY	\$3,395.79
IN	VINCENNES CITY	\$5,817.50
IN	WABASH COUNTY	\$4,625.00
IN	WARRICK COUNTY	\$7,082.50
IN	WARSAW CITY	\$6,050.00
IN	WASHINGTON CITY	\$6,880.00
IN	WATERLOO TOWN	\$1,660.00
IN	WEST LAFAYETTE CITY	\$4,822.50
IN	WHITESTOWN TOWN	\$2,678.03
IN	WHITLEY COUNTY	\$6,400.00
IN	WOLCOTTVILLE TOWN	\$650.00
IN	WOODBURN CITY	\$1,185.00
	Totals for IN(112 Jurisdictions):	\$589,368.19
KS	ABILENE CITY	\$370.00
KS	ALLEN COUNTY	\$1,747.50
KS	ANDOVER CITY	\$4,128.99
KS	ATCHISON COUNTY	\$6,799.03
KS	AUGUSTA CITY	\$2,293.88
KS	BALDWIN CITY	\$1,075.00
KS	BASEHOR CITY	\$1,600.00
KS	BEL AIRE CITY	\$1,600.00
KS	BELOIT CITY	\$1,247.50
KS	BONNER SPRINGS CITY	\$3,258.00
KS	BURLINGTON CITY	\$669.45
KS	BUTLER COUNTY	\$4,009.35
KS	CHAPMAN CITY	\$2,545.20
KS	CHERRYVALE CITY	\$4,000.00
KS	CLAY CENTER CITY	\$2,469.83
KS	CLOUD COUNTY	\$7,200.00
KS	COFFEYVILLE CITY	\$1,198.00
KS	COLBY CITY	\$1,365.68
KS	COLWICH CITY	\$1,184.99
KS	COUNCIL GROVE CITY	\$1,694.00
KS	COWLEY COUNTY	\$3,108.00
KS	CRAWFORD COUNTY	\$9,899.85
KS	DERBY CITY	\$3,789.00
KS	EL DORADO CITY	\$2,010.15
KS	EMPORIA CITY	\$7,980.00
KS	FAIRWAY CITY	\$2,798.50
KS	FRANKLIN COUNTY	\$2,025.00
KS	FRONTENAC CITY	\$187.00

KS	GALENA CITY	\$1,461.50
KS	GARDEN CITY	\$6,390.00
KS	GARNETT CITY	\$1,425.00
KS	GODDARD CITY	\$362.50
KS	HALSTEAD CITY	\$1,480.00
KS	HAMILTON COUNTY	\$1,447.50
KS	HAYSVILLE CITY	\$1,545.02
KS	HORTON CITY	\$3,000.00
KS	HUTCHINSON CITY	\$26,400.00
KS	IOLA CITY	\$5,407.50
KS	JEFFERSON COUNTY	\$6,808.13
KS	JUNCTION CITY	\$7,212.87
KS	LABETTE COUNTY	\$6,938.00
KS	LARNED CITY	\$1,842.00
KS	LAWRENCE CITY	\$13,019.85
KS	LEAVENWORTH CITY	\$1,807.75
KS	LEAWOOD CITY	\$5,935.00
KS	LENEXA CITY	\$13,958.00
KS	LIBERAL CITY	\$4,045.26
KS	LYON COUNTY	\$1,783.71
KS	LYONS CITY	\$1,958.00
KS	MARSHALL COUNTY	\$1,396.00
KS	MARYSVILLE CITY	\$1,425.00
KS	MCPHERSON CITY	\$2,235.00
KS	MCPHERSON COUNTY	\$1,437.50
KS	MEADE CITY	\$1,633.50
KS	MERRIAM CITY	\$3,460.00
KS	MINNEAPOLIS CITY	\$2,732.50
KS	MOUNDRIDGE CITY	\$1,255.50
KS	MOUNT HOPE CITY	\$1,600.00
KS	NEODESHA CITY	\$1,599.00
KS	NEWTON CITY	\$6,774.84
KS	OSAGE CITY	\$724.97
KS	PAOLA CITY	\$945.00
KS	PARK CITY	\$1,042.50
KS	PARSONS CITY	\$2,217.25
KS	PRAIRIE VILLAGE CITY	\$6,336.50
KS	PRATT CITY	\$4,875.00
KS	PRAIRIE BAND POTAWATOMI INDIANS	\$1,612.50
KS	RENO COUNTY	\$1,730.00
KS	RILEY COUNTY	\$8,400.00
KS	ROOKS COUNTY	\$400.00
KS	RUSSELL CITY	\$3,200.00
KS	SALINA CITY	\$6,562.50
KS	SALINE COUNTY	\$3,749.00
KS	SHAWNEE CITY	\$3,651.00
KS	SHERIDAN COUNTY	\$1,600.00

KS	SOUTH HUTCHINSON CITY	\$1,765.00
KS	STEVENS COUNTY	\$3,200.00
KS	THOMAS COUNTY	\$2,000.00
KS	TONGANOXIE CITY	\$2,377.50
KS	VALLEY CENTER CITY	\$1,495.00
KS	WINFIELD CITY	\$3,840.00
KS	WOODSON COUNTY	\$1,190.00
	Totals for KS(82 Jurisdictions):	\$284,944.05
KY	ANDERSON COUNTY	\$8,000.00
KY	BELLEVUE CITY	\$1,027.50
KY	BOWLING GREEN CITY	\$18,450.00
KY	CAMPBELL COUNTY	\$1,450.00
KY	CAMPBELLSVILLE CITY	\$1,572.50
KY	COVINGTON CITY	\$16,380.00
KY	DAYTON CITY	\$1,875.00
KY	ELIZABETHTOWN CITY	\$2,277.00
KY	ELSMERE CITY	\$1,370.00
KY	ERLANGER CITY	\$4,400.00
KY	FLORENCE CITY	\$4,725.00
KY	FORT THOMAS CITY	\$1,450.00
KY	HENDERSON CITY	\$9,870.00
KY	HOPKINSVILLE CITY	\$17,313.25
KY	INDEPENDENCE CITY	\$3,127.50
KY	LEE COUNTY	\$761.04
KY	MURRAY CITY	\$1,920.00
KY	OWENSBORO CITY	\$5,336.00
KY	PADUCAH CITY	\$6,330.00
KY	PIKEVILLE CITY	\$1,437.23
KY	RICHMOND CITY	\$5,400.00
KY	SHELBYVILLE CITY	\$5,670.00
KY	SOUTHGATE CITY	\$1,162.50
KY	TAYLOR MILL CITY	\$2,400.00
	Totals for KY(24 Jurisdictions):	\$123,704.52
LA	ACADIA PARISH	\$9,720.00
LA	ALEXANDRIA CITY	\$18,264.00
LA	ASCENSION PARISH	\$11,507.18
LA	ASSUMPTION PARISH	\$3,682.50
LA	CADDO PARISH	\$67,480.97
LA	COVINGTON CITY	\$3,510.00
LA	DE RIDDER CITY	\$2,646.16
LA	DENHAM SPRINGS CITY	\$3,200.00
LA	DODSON VILLAGE	\$642.50
LA	EAST FELICIANA PARISH	\$11,016.00
LA	EAST BATON ROUGE PARISH SHERIFF'S OFFICE	\$111,281.11
LA	FRANKLIN CITY	\$897.00
LA	GRAMBLING TOWN	\$3,921.50
LA	GREENWOOD TOWN	\$1,779.00

LA	GRETNA CITY	\$12,000.00
LA	HAMMOND CITY	\$8,500.00
LA	HAUGHTON TOWN	\$1,902.50
LA	HOUMA CITY	\$6,800.00
LA	JACKSON PARISH	\$4,819.00
LA	KENNER CITY	\$2,275.00
LA	LAFOURCHE PARISH SHERIFF'S OFFICE	\$4,975.00
LA	LAKE ARTHUR TOWN	\$3,265.00
LA	LAKE CHARLES CITY	\$7,362.50
LA	LIVINGSTON PARISH	\$11,455.11
LA	LOUISIANA	\$332,172.02
LA	MONROE CITY	\$5,819.00
LA	MOREHOUSE PARISH	\$1,506.00
LA	MORGAN CITY	\$3,022.80
LA	NATCHITOCHES CITY	\$3,295.00
LA	NATCHITOCHES PARISH	\$7,340.00
LA	NEW IBERIA CITY	\$18,538.00
LA	NEW ROADS CITY	\$766.75
LA	PEARL RIVER TOWN	\$3,572.80
LA	PINEVILLE CITY	\$6,300.00
LA	POINTE COUPEE PARISH	\$4,554.00
LA	PONCHATOULA CITY	\$12,818.00
LA	RAPIDES PARISH	\$25,298.12
LA	ROSEPINE TOWN	\$1,771.00
LA	SLIDELL CITY	\$28,069.00
LA	ST BERNARD PARISH	\$836.80
LA	ST JOHN THE BAPTIST PARISH SHERIFF'S OFFICE	\$11,500.00
LA	ST LANDRY PARISH SHERIFF DEPARTMENT	\$10,626.00
LA	ST MARTIN PARISH	\$3,795.00
LA	ST MARY PARISH	\$8,866.75
LA	ST TAMMANY PARISH	\$39,119.40
LA	SULPHUR CITY	\$6,162.50
LA	TANGIPAHOA PARISH	\$2,295.55
LA	UNION PARISH	\$2,916.00
LA	WALKER TOWN	\$972.00
LA	WEST FELICIANA PARISH	\$3,888.00
LA	WEST MONROE CITY	\$7,340.00
	Totals for LA(51 Jurisdictions):	\$866,062.52
MA	ACTON TOWN	\$1,790.00
MA	AGAWAM CITY	\$32,662.50
MA	AMHERST TOWN	\$3,560.00
MA	ANDOVER TOWN	\$4,899.95
MA	AQUINNAH TOWN	\$1,002.50
MA	ASHFIELD TOWN	\$4,000.00
MA	ATTLEBORO CITY	\$11,187.50
MA	BARNSTABLE CITY	\$19,600.00
MA	BARRE TOWN	\$3,200.00

MA	BEDFORD TOWN	\$2,174.70
MA	BELCHERTOWN TOWN	\$350.00
MA	BELMONT TOWN	\$4,800.00
MA	BERKLEY TOWN	\$2,567.50
MA	BOLTON TOWN	\$4,304.00
MA	BOURNE TOWN	\$3,199.96
MA	BOXFORD TOWN	\$1,590.00
MA	BRAINTREE TOWN	\$21,320.00
MA	BRIDGEWATER TOWN	\$2,400.00
MA	BROCKTON CITY	\$39,350.50
MA	CANTON TOWN	\$2,685.00
MA	CHARLEMONT TOWN	\$5,500.00
MA	CHELSEA CITY	\$12,025.00
MA	CHESHIRE TOWN	\$915.00
MA	CHESTERFIELD TOWN	\$1,500.00
MA	CHILMARK TOWN	\$1,492.50
MA	COHASSET TOWN	\$10,461.55
MA	CUMMINGTON TOWN	\$1,560.00
MA	DALTON TOWN	\$1,987.50
MA	DARTMOUTH TOWN	\$8,800.00
MA	DEDHAM TOWN	\$14,707.50
MA	DEERFIELD TOWN	\$2,347.50
MA	DENNIS TOWN	\$2,580.00
MA	DIGHTON TOWN	\$8,400.00
MA	DRACUT TOWN	\$4,350.00
MA	DUDLEY TOWN	\$1,200.00
MA	EAST BRIDGEWATER TOWN	\$1,600.00
MA	EASTHAM TOWN	\$1,482.00
MA	EASTHAMPTON TOWN	\$2,070.00
MA	EASTON TOWN	\$1,987.50
MA	ESSEX TOWN	\$7,599.96
MA	EVERETT CITY	\$8,459.00
MA	FAIRHAVEN TOWN	\$9,169.50
MA	FALL RIVER CITY	\$38,400.00
MA	FALMOUTH TOWN	\$10,255.36
MA	FITCHBURG CITY	\$7,200.00
MA	FOXBOROUGH TOWN	\$7,731.90
MA	FRANKLIN CITY	\$6,400.00
MA	GEORGETOWN TOWN	\$3,980.00
MA	GLOUCESTER CITY	\$5,962.50
MA	GOSHEN TOWN	\$2,375.00
MA	GRAFTON TOWN	\$5,593.00
MA	GRANBY TOWN	\$1,700.00
MA	GREAT BARRINGTON TOWN	\$1,396.17
MA	GREENFIELD TOWN	\$11,600.00
MA	HALIFAX TOWN	\$5,817.50
MA	HAMPDEN TOWN	\$3,400.00

MA	HAVERHILL CITY	\$33,000.00
MA	HINGHAM TOWN	\$19,080.00
MA	HINSDALE TOWN	\$1,414.00
MA	HOLBROOK TOWN	\$447.50
MA	HOLLAND TOWN	\$5,425.00
MA	HOLLISTON TOWN	\$5,215.00
MA	HOPEDALE TOWN	\$2,496.75
MA	HUBBARDSTON TOWN	\$1,275.00
MA	HULL TOWN	\$8,927.16
MA	KINGSTON TOWN	\$2,000.00
MA	LAKEVILLE TOWN	\$5,566.05
MA	LAWRENCE CITY	\$23,604.00
MA	LEE TOWN	\$4,554.00
MA	LEVERETT TOWN	\$2,400.00
MA	LEXINGTON TOWN	\$6,265.00
MA	LONGMEADOW TOWN	\$6,000.00
MA	LYNN CITY	\$68,000.00
MA	LYNNFIELD TOWN	\$1,200.00
MA	MALDEN CITY	\$31,875.00
MA	MARBLEHEAD TOWN	\$1,653.00
MA	MARLBOROUGH CITY	\$2,006.88
MA	MATTAPOISETT TOWN	\$9,600.00
MA	MEDFORD CITY	\$19,885.38
MA	MELROSE CITY	\$3,657.50
MA	MENDON TOWN	\$3,200.00
MA	METHUEN CITY	\$14,700.00
MA	MILLIS TOWN	\$5,885.25
MA	MILLVILLE TOWN	\$2,559.72
MA	MILTON TOWN	\$5,200.00
MA	MONSON TOWN	\$1,525.00
MA	MONTEREY TOWN	\$2,685.00
MA	NAHANT TOWN	\$2,400.00
MA	NATICK TOWN	\$6,767.50
MA	NEEDHAM TOWN	\$5,600.00
MA	NEWBURYPORT CITY	\$3,975.00
MA	NEWTON CITY	\$13,327.35
MA	NORFOLK TOWN	\$3,180.00
MA	NORTH ADAMS CITY	\$12,400.00
MA	NORTH ANDOVER TOWN	\$3,893.67
MA	NORTH BROOKFIELD TOWN	\$2,400.00
MA	NORTHAMPTON CITY	\$4,493.70
MA	NORTHBOROUGH TOWN	\$1,393.50
MA	NORTHFIELD TOWN	\$3,500.00
MA	NORTON TOWN	\$4,800.00
MA	NORWELL TOWN	\$3,400.00
MA	NORWOOD TOWN	\$5,100.00
MA	OAKHAM TOWN	\$1,275.00

MA	PALMER TOWN	\$5,500.00
MA	PAXTON TOWN	\$3,399.96
MA	PETERSHAM TOWN	\$3,720.00
MA	PHILLIPSTON TOWN	\$5,087.50
MA	PLYMOUTH TOWN	\$8,680.00
MA	PRINCETON TOWN	\$1,447.88
MA	PROVINCETOWN TOWN	\$1,492.50
MA	QUINCY CITY	\$23,055.00
MA	READING TOWN	\$4,887.74
MA	REVERE CITY	\$8,387.55
MA	ROCKLAND TOWN	\$8,055.00
MA	ROWLEY TOWN	\$2,782.50
MA	RUTLAND TOWN	\$3,296.00
MA	SALEM CITY	\$6,300.00
MA	SANDWICH TOWN	\$4,420.00
MA	SEEKONK TOWN	\$2,181.80
MA	SHARON TOWN	\$6,265.00
MA	SHREWSBURY TOWN	\$3,308.80
MA	SOMERSET TOWN	\$4,650.00
MA	SOMERVILLE CITY	\$8,000.00
MA	SOUTHBOROUGH TOWN	\$2,800.00
MA	SOUTHBRIDGE TOWN	\$1,970.23
MA	SOUTHWICK TOWN	\$1,706.58
MA	STOUGHTON TOWN	\$5,050.60
MA	STURBRIDGE TOWN	\$2,737.50
MA	SUDBURY TOWN	\$8,502.50
MA	TAUNTON CITY	\$11,187.50
MA	TEMPLETON TOWN	\$2,017.90
MA	TEWKSBURY TOWN	\$15,502.50
MA	TOPSFIELD TOWN	\$4,250.00
MA	TOWNSEND TOWN	\$2,385.00
MA	TYNGS BOROUGH TOWN	\$1,700.00
MA	WAKEFIELD TOWN	\$10,537.50
MA	WALPOLE TOWN	\$2,685.00
MA	WARREN TOWN	\$2,400.00
MA	WATERTOWN CITY	\$4,800.00
MA	WAYLAND TOWN	\$5,167.50
MA	WEBSTER TOWN	\$4,249.95
MA	WELLESLEY TOWN	\$5,850.00
MA	WEST BOYLSTON TOWN	\$1,511.25
MA	WEST SPRINGFIELD TOWN	\$17,200.00
MA	WEST TISBURY TOWN	\$1,500.00
MA	WESTFORD TOWN	\$3,200.00
MA	WILBRAHAM TOWN	\$2,114.00
MA	WILLIAMSBURG TOWN	\$779.00
MA	WILMINGTON TOWN	\$3,162.00
MA	WINCHESTER TOWN	\$800.00

MA	YARMOUTH TOWN	\$3,980.00
	Totals for MA(151 Jurisdictions):	\$1,012,521.70
MD	ALLEGANY COUNTY	\$12,720.00
MD	BALTIMORE COUNTY	\$85,073.49
MD	BEL AIR TOWN	\$2,531.52
MD	BERLIN TOWN	\$1,265.00
MD	BLADENSBURG TOWN	\$4,807.00
MD	BRUNSWICK CITY	\$1,598.00
MD	CAMBRIDGE CITY	\$1,800.00
MD	CAPITOL HEIGHTS TOWN	\$4,371.90
MD	CAROLINE COUNTY	\$4,125.00
MD	CARROLL COUNTY	\$849.83
MD	CECIL COUNTY	\$10,649.17
MD	CHARLES COUNTY	\$43,725.90
MD	CHEVY CHASE VILLAGE TOWN	\$799.00
MD	CUMBERLAND CITY	\$4,372.50
MD	DORCHESTER COUNTY	\$4,968.00
MD	EASTON TOWN	\$16,200.00
MD	ELKTON TOWN	\$5,544.08
MD	FEDERALSBURG TOWN	\$2,300.00
MD	FREDERICK CITY	\$11,200.00
MD	GAITHERSBURG CITY	\$5,621.00
MD	GARRETT COUNTY	\$3,510.00
MD	GREENBELT CITY	\$8,167.63
MD	HAGERSTOWN CITY	\$11,275.00
MD	LAUREL CITY	\$6,557.85
MD	MONTGOMERY COUNTY	\$19,610.42
MD	NEW CARROLLTON CITY	\$2,280.00
MD	OCEAN CITY TOWN	\$12,848.00
MD	QUEEN ANNES COUNTY	\$9,949.92
MD	RIVERDALE TOWN	\$4,075.00
MD	SALISBURY CITY	\$7,250.00
MD	SEAT PLEASANT CITY	\$2,678.31
MD	ST MARYS COUNTY	\$29,388.32
MD	WESTMINSTER CITY	\$3,325.09
	Totals for MD(33 Jurisdictions):	\$345,436.93
ME	AUGUSTA CITY	\$3,942.49
ME	BANGOR CITY	\$6,070.50
ME	BAR HARBOR TOWN	\$1,940.00
ME	BELFAST CITY	\$7,125.00
ME	BIDDEFORD CITY	\$5,607.50
ME	BRUNSWICK TOWN	\$1,918.50
ME	BUCKSPORT TOWN	\$2,340.00
ME	BUXTON TOWN	\$1,194.95
ME	CAMDEN TOWN	\$2,933.00
ME	CUMBERLAND TOWN	\$1,270.50
ME	ELLSWORTH CITY	\$4,230.00

ME	FAIRFIELD CITY	\$747.40
ME	FALMOUTH TOWN	\$9,975.00
ME	FARMINGTON TOWN	\$1,378.00
ME	FREEPORT TOWN	\$5,234.63
ME	FRYEBURG TOWN	\$1,069.50
ME	HOULTON TOWN	\$618.00
ME	KENNEBUNK TOWN	\$2,392.50
ME	KITTERY TOWN	\$2,320.00
ME	KNOX COUNTY	\$1,637.50
ME	LEWISTON CITY	\$4,550.00
ME	LINCOLN COUNTY	\$6,783.00
ME	MECHANIC FALLS TOWN	\$3,200.00
ME	MOUNT DESERT TOWN	\$970.00
ME	MEXICO	\$1,195.00
ME	NEWPORT TOWN	\$887.50
ME	OLD TOWN CITY	\$2,250.00
ME	PITTSFIELD TOWN	\$749.00
ME	PORTLAND CITY	\$17,825.00
ME	ROCKLAND CITY	\$3,607.50
ME	RUMFORD TOWN	\$1,101.00
ME	SABATTUS TOWN	\$927.00
ME	SACO CITY	\$1,908.00
ME	SCARBOROUGH TOWN	\$7,600.00
ME	SKOWHEGAN TOWN	\$390.00
ME	SOMERSET COUNTY	\$5,268.00
ME	SOUTH BERWICK TOWN	\$2,125.00
ME	SOUTH PORTLAND CITY	\$5,782.50
ME	SOUTHWEST HARBOR TOWN	\$2,300.00
ME	WATERVILLE CITY	\$6,000.00
ME	WELLS TOWN	\$2,097.50
ME	WESTBROOK CITY	\$2,509.10
ME	WINDHAM TOWN	\$4,565.00
ME	YARMOUTH TOWN	\$826.31
ME	YORK TOWN	\$2,134.50
	Totals for ME(45 Jurisdictions):	\$151,495.88
MI	ADRIAN CITY	\$2,980.00
MI	ALBION CITY	\$1,500.00
MI	ALLEN PARK CITY	\$4,788.00
MI	ALPENA COUNTY	\$4,590.00
MI	ANN ARBOR CITY	\$11,307.96
MI	AUBURN HILLS CITY	\$15,500.00
MI	BARRY COUNTY	\$4,494.00
MI	BATTLE CREEK CITY	\$9,477.00
MI	BAY CITY	\$4,437.00
MI	BAY COUNTY	\$3,422.95
MI	BENTON HARBOR CITY	\$2,322.50
MI	BEVERLY HILLS VILLAGE	\$2,589.00

MI	BIRCH RUN VILLAGE	\$1,200.00
MI	BLISSFIELD VILLAGE	\$915.00
MI	BLOOMFIELD HILLS CITY	\$1,375.00
MI	BRIDGEPORT CHARTER TOWNSHIP	\$381.19
MI	BRIDGMAN CITY	\$659.55
MI	BRIGHTON CITY	\$2,024.00
MI	BROWN CITY	\$650.00
MI	CALHOUN COUNTY	\$11,124.58
MI	CALUMET VILLAGE	\$351.00
MI	CANTON CHARTER TOWNSHIP	\$12,426.00
MI	CASS COUNTY	\$4,830.00
MI	CENTER LINE CITY	\$3,860.00
MI	CHARLOTTE CITY	\$1,095.00
MI	CHESTERFIELD CHARTER TOWNSHIP	\$2,880.00
MI	CHOCOLAY CHARTER TOWNSHIP	\$1,537.00
MI	CLARE COUNTY	\$2,357.52
MI	CLAWSON CITY	\$765.00
MI	CLINTON CHARTER TOWNSHIP	\$5,827.17
MI	CLINTON COUNTY	\$4,000.00
MI	COLDWATER CITY	\$2,057.50
MI	COLOMA CHARTER TOWNSHIP	\$5,200.00
MI	CRAWFORD COUNTY	\$1,430.00
MI	DE WITT CITY	\$705.00
MI	DEARBORN CITY	\$8,400.00
MI	DICKINSON COUNTY	\$4,668.04
MI	DRYDEN TOWNSHIP	\$1,178.52
MI	DUNDEE VILLAGE	\$3,498.32
MI	DURAND CITY	\$3,480.00
MI	EAST GRAND RAPIDS CITY	\$122.08
MI	EAST LANSING CITY	\$5,265.00
MI	EASTPOINTE CITY	\$2,860.00
MI	EMMET COUNTY	\$8,779.00
MI	ESSEXVILLE CITY	\$381.00
MI	FARMINGTON CITY	\$2,400.00
MI	FARMINGTON HILLS CITY	\$4,770.00
MI	FENTON CITY	\$3,225.50
MI	FERNDAL CITY	\$1,102.50
MI	FLAT ROCK CITY	\$1,375.00
MI	FLINT CHARTER TOWNSHIP	\$5,051.50
MI	FRUITPORT CHARTER TOWNSHIP	\$2,044.60
MI	GERRISH TOWNSHIP	\$2,502.50
MI	GOGEBIC COUNTY	\$1,271.39
MI	GRAND BEACH VILLAGE	\$415.00
MI	GRAND BLANC CHARTER TOWNSHIP	\$4,187.40
MI	GRAND LEDGE CITY	\$2,251.75
MI	GRAND TRAVERSE BAND OF OTTAWA & CHIPPEWA INDIANS	\$2,784.75
MI	GRAND TRAVERSE COUNTY	\$7,329.00

MI	GRANDVILLE CITY	\$2,985.00
MI	GREEN OAK TOWNSHIP	\$777.50
MI	GREENVILLE CITY	\$1,426.00
MI	GROSSE ILE TOWNSHIP	\$3,745.00
MI	GROSSE POINTE WOODS CITY	\$1,252.50
MI	GERALD R. FORD INTERNATIONAL AIRPORT AUTHORITY	\$821.78
MI	HAMBURG TOWNSHIP	\$2,225.00
MI	HARPER WOODS CITY	\$5,530.00
MI	HART CITY	\$1,222.50
MI	HASTINGS CITY	\$5,194.00
MI	HOLLAND CITY	\$3,954.00
MI	HOWELL CITY	\$1,195.50
MI	HURON COUNTY	\$3,225.00
MI	INGHAM COUNTY	\$4,310.38
MI	INKSTER CITY	\$3,500.00
MI	IONIA CITY	\$1,512.50
MI	IONIA COUNTY	\$2,235.00
MI	ISHPEMING CITY	\$369.00
MI	JACKSON CITY	\$4,480.00
MI	JACKSON COUNTY	\$3,622.17
MI	JONESVILLE VILLAGE	\$818.00
MI	KALAMAZOO CHARTER TOWNSHIP	\$1,871.66
MI	KALAMAZOO CITY	\$6,385.63
MI	KEEGO HARBOR CITY	\$1,830.00
MI	KENTWOOD CITY	\$3,575.00
MI	LAKE COUNTY	\$810.00
MI	LAKEVIEW VILLAGE	\$701.00
MI	LANSING CITY	\$23,181.87
MI	LAPEER COUNTY	\$4,368.24
MI	LAURIUM VILLAGE	\$1,033.00
MI	LEELANAU COUNTY	\$2,476.00
MI	LENAWEE COUNTY	\$4,963.50
MI	LEXINGTON VILLAGE	\$1,027.50
MI	LINCOLN CHARTER TOWNSHIP	\$1,229.50
MI	MADISON CHARTER TOWNSHIP	\$1,200.00
MI	MANISTIQUE CITY	\$3,200.00
MI	MARINE CITY	\$1,400.00
MI	MARLETTE CITY	\$600.00
MI	MARQUETTE COUNTY	\$1,562.02
MI	MARSHALL CITY	\$5,550.00
MI	MARYSVILLE CITY	\$1,072.50
MI	MASON CITY	\$1,021.00
MI	MASON COUNTY	\$8,704.50
MI	MELVINDALE CITY	\$1,812.50
MI	MEMPHIS CITY	\$3,180.00
MI	MENOMINEE CITY	\$1,380.00
MI	MERIDIAN CHARTER TOWNSHIP	\$4,924.00

MI	METAMORA TOWNSHIP	\$3,932.50
MI	MICHIGAN	\$146,188.06
MI	MIDLAND CITY	\$4,745.00
MI	MILFORD VILLAGE	\$800.00
MI	MINDEN VILLAGE	\$1,360.00
MI	MONROE CITY	\$2,700.00
MI	MONTAGUE CITY	\$2,000.00
MI	MONTMORENCY COUNTY	\$1,212.50
MI	MORENCI CITY	\$334.50
MI	MOTT COMMUNITY COLLEGE	\$991.12
MI	MUSKEGON CITY	\$8,876.00
MI	METRO POLICE AUTHORITY OF GENESEE COUNTY	\$3,500.00
MI	NEW BALTIMORE CITY	\$2,925.00
MI	NEWAYGO CITY	\$1,058.50
MI	NEWAYGO COUNTY	\$4,042.50
MI	NILES CITY	\$2,250.00
MI	NORTHVILLE CITY	\$416.50
MI	NOVI CITY	\$7,650.00
MI	OAK PARK CITY	\$4,317.50
MI	OAKLAND COUNTY	\$43,013.23
MI	OGEMAW COUNTY	\$6,918.00
MI	ORONOKO CHARTER TOWNSHIP	\$350.00
MI	OTSEGO COUNTY	\$3,462.50
MI	OWOSSO CITY	\$1,950.00
MI	PAW PAW VILLAGE	\$816.50
MI	PITTSFIELD CHARTER TOWNSHIP	\$13,090.00
MI	PLAINWELL CITY	\$1,140.00
MI	PLYMOUTH CHARTER TOWNSHIP	\$1,050.00
MI	PLYMOUTH CITY	\$1,165.50
MI	PORT HURON CITY	\$5,362.50
MI	READING CITY	\$800.00
MI	RICHFIELD TOWNSHIP	\$750.00
MI	ROCKFORD CITY	\$1,350.00
MI	ROMULUS CITY	\$1,875.00
MI	ROSCOMMON COUNTY	\$7,200.00
MI	ROSEVILLE CITY	\$6,832.50
MI	SAGINAW CHARTER TOWNSHIP	\$3,162.50
MI	SAGINAW CHIPPEWA INDIAN TRIBE OF MICHIGAN	\$2,400.00
MI	SAGINAW CITY	\$3,981.00
MI	SAGINAW COUNTY	\$2,173.30
MI	SALINE CITY	\$1,430.00
MI	SANILAC COUNTY	\$3,500.00
MI	SHELBY CHARTER TOWNSHIP	\$3,906.00
MI	SOMERSET TOWNSHIP	\$830.00
MI	ST CLAIR CITY	\$750.00
MI	ST CLAIR SHORES CITY	\$5,100.00
MI	ST JOSEPH CITY	\$3,795.00

MI	ST JOSEPH COUNTY	\$2,212.50
MI	ST LOUIS CITY	\$382.38
MI	STERLING HEIGHTS CITY	\$18,088.20
MI	STURGIS CITY	\$1,554.00
MI	SUMPTER TOWNSHIP	\$5,244.25
MI	ST. CLAIR COUNTY	\$8,319.67
MI	TAYLOR CITY	\$11,700.00
MI	TECUMSEH CITY	\$1,584.00
MI	THREE RIVERS CITY	\$2,347.02
MI	TRAVERSE CITY	\$352.50
MI	TROY CITY	\$7,500.00
MI	TUSCOLA COUNTY	\$2,275.00
MI	VAN BUREN CHARTER TOWNSHIP	\$5,437.50
MI	VAN BUREN COUNTY	\$4,086.50
MI	VICKSBURG VILLAGE	\$2,000.00
MI	WALKER CITY	\$6,800.00
MI	WALLED LAKE CITY	\$1,762.50
MI	WARREN CITY	\$25,355.17
MI	WATERFORD CHARTER TOWNSHIP	\$5,010.00
MI	WAYLAND CITY	\$2,475.00
MI	WAYNE CITY	\$3,900.00
MI	WAYNE COUNTY AIRPORT AUTHORITY	\$35,509.46
MI	WEST BLOOMFIELD CHARTER TOWNSHIP	\$6,660.00
MI	WEXFORD COUNTY	\$1,715.00
MI	WILLIAMSTON CITY	\$2,787.50
MI	WYOMING CITY	\$4,387.50
MI	YPSILANTI CITY	\$3,420.00
MI	ZEELAND CITY	\$1,629.50
	Totals for MI(181 Jurisdictions):	\$859,810.38
MN	AITKIN COUNTY	\$2,700.00
MN	ALBERT LEA CITY	\$3,750.00
MN	ALEXANDRIA CITY	\$1,625.99
MN	ANNANDALE CITY	\$1,962.00
MN	ANOKA CITY	\$1,721.93
MN	BARNESVILLE CITY	\$2,165.05
MN	BAXTER CITY	\$840.00
MN	BECKER COUNTY	\$4,800.00
MN	BELGRADE CITY	\$1,234.00
MN	BEMIDJI CITY	\$3,840.00
MN	BENTON COUNTY	\$2,400.00
MN	BIG LAKE CITY	\$2,400.00
MN	BLOOMINGTON CITY	\$10,597.50
MN	BLUE EARTH COUNTY	\$8,625.00
MN	BRAINERD CITY	\$5,707.50
MN	BREEZY POINT CITY	\$572.25
MN	BROOKLYN CENTER CITY	\$9,137.50
MN	BROOKLYN PARK CITY	\$6,000.00

MN	BROWN COUNTY	\$1,232.75
MN	BUFFALO CITY	\$2,700.00
MN	BUFFALO LAKE CITY	\$407.50
MN	BURNSVILLE CITY	\$3,640.86
MN	CAMBRIDGE CITY	\$2,000.00
MN	CANNON FALLS CITY	\$1,000.00
MN	CARLTON COUNTY	\$2,400.00
MN	CASS COUNTY	\$4,486.50
MN	CHAMPLIN CITY	\$3,137.40
MN	CHASKA CITY	\$1,920.00
MN	CHISAGO COUNTY	\$760.32
MN	CHISHOLM CITY	\$1,467.00
MN	CLAY COUNTY	\$8,140.30
MN	CLEARWATER COUNTY	\$800.00
MN	CLIMAX CITY	\$1,200.00
MN	CLOQUET CITY	\$1,600.00
MN	COLD SPRING CITY	\$2,233.70
MN	CORCORAN CITY	\$1,898.00
MN	COTTAGE GROVE CITY	\$4,400.00
MN	CROOKSTON CITY	\$1,707.50
MN	CROW WING COUNTY	\$5,138.75
MN	CRYSTAL CITY	\$4,500.00
MN	COUNTY OF COTTONWOOD	\$900.00
MN	DEEPHAVEN CITY	\$420.00
MN	DETROIT LAKES CITY	\$2,689.00
MN	DOUGLAS COUNTY	\$15,366.50
MN	DULUTH CITY	\$16,400.00
MN	EAGAN CITY	\$3,082.50
MN	EAGLE LAKE CITY	\$1,050.00
MN	EAST GRAND FORKS CITY	\$1,470.00
MN	EDEN PRAIRIE CITY	\$6,206.75
MN	EDEN VALLEY CITY	\$1,505.12
MN	EDINA CITY	\$3,779.36
MN	ELK RIVER CITY	\$1,542.00
MN	FARMINGTON CITY	\$5,161.50
MN	FERGUS FALLS CITY	\$2,077.40
MN	FILLMORE COUNTY	\$3,200.00
MN	FLOODWOOD CITY	\$419.18
MN	FOREST LAKE CITY	\$2,300.00
MN	FRIDLEY CITY	\$3,746.00
MN	GAYLORD CITY	\$458.73
MN	GLENCOE CITY	\$534.25
MN	GLYNDON CITY	\$1,032.00
MN	GOODHUE COUNTY	\$3,600.00
MN	GOODVIEW CITY	\$3,150.93
MN	GRANT COUNTY	\$908.96
MN	HERMANTOWN CITY	\$1,600.00

MN	HIBBING CITY	\$1,443.00
MN	HOPKINS CITY	\$5,136.75
MN	HUTCHINSON CITY	\$5,544.00
MN	INDEPENDENCE CITY	\$2,625.00
MN	ISANTI CITY	\$2,398.00
MN	KOOCHICHING COUNTY	\$2,678.50
MN	LA CRESCENT CITY	\$2,343.26
MN	LAKE CRYSTAL CITY	\$1,425.00
MN	LAKE OF THE WOODS COUNTY	\$2,609.82
MN	LAKEVILLE CITY	\$21,386.00
MN	LE CENTER CITY	\$605.00
MN	LE SUEUR CITY	\$800.00
MN	LESTER PRAIRIE CITY	\$450.00
MN	LINO LAKES CITY	\$2,971.50
MN	LYON COUNTY	\$3,600.00
MN	MANKATO CITY	\$3,200.00
MN	MAPLE GROVE CITY	\$9,000.00
MN	MAPLETON CITY	\$1,145.00
MN	MAPLEWOOD CITY	\$3,200.00
MN	MCLEOD COUNTY	\$4,275.00
MN	MINNETONKA CITY	\$4,800.00
MN	MONTGOMERY CITY	\$2,009.00
MN	MOORHEAD CITY	\$19,426.00
MN	MORRIS CITY	\$1,350.00
MN	MOUNTAIN LAKE CITY	\$865.00
MN	NEW BRIGHTON CITY	\$2,782.50
MN	NEW HOPE CITY	\$2,400.00
MN	NEW RICHLAND CITY	\$1,180.00
MN	NICOLLET COUNTY	\$2,000.00
MN	NISSWA CITY	\$588.00
MN	NORTH BRANCH CITY	\$3,863.85
MN	OAK PARK HEIGHTS CITY	\$1,599.00
MN	ORONO CITY	\$3,200.00
MN	PIERZ CITY	\$540.00
MN	PLYMOUTH CITY	\$15,234.75
MN	PRESTON CITY	\$1,435.00
MN	PRIOR LAKE CITY	\$2,162.00
MN	RAMSEY CITY	\$4,345.60
MN	RED WING CITY	\$4,480.00
MN	RICHFIELD CITY	\$3,114.00
MN	ROCK COUNTY	\$1,668.00
MN	ROSEMOUNT CITY	\$550.00
MN	SAUK RAPIDS CITY	\$3,231.00
MN	SAVAGE CITY	\$6,340.82
MN	SEBEKA CITY	\$448.20
MN	SHAKOPEE CITY	\$4,583.50
MN	SHERBURNE COUNTY	\$20,802.95

MN	SHOREWOOD CITY	\$1,950.00
MN	SOUTH ST PAUL CITY	\$4,200.00
MN	SPRINGFIELD CITY	\$2,961.00
MN	ST CHARLES CITY	\$540.00
MN	ST JAMES CITY	\$917.46
MN	ST JOSEPH CITY	\$1,427.10
MN	ST LOUIS PARK CITY	\$6,422.22
MN	STAPLES CITY	\$1,872.85
MN	STARBUCK CITY	\$479.55
MN	STEELE COUNTY	\$3,345.40
MN	STEVENS COUNTY	\$530.70
MN	SWIFT COUNTY	\$2,106.56
MN	THIEF RIVER FALLS CITY	\$660.00
MN	THE CENTENNIAL LAKES POLICE DEPARTMENT	\$4,237.88
MN	TRI-CITY POLICE DEPARTMENT	\$1,168.00
MN	VIRGINIA CITY	\$2,625.00
MN	WADENA COUNTY	\$2,937.50
MN	WAITE PARK CITY	\$2,305.40
MN	WASECA CITY	\$2,500.00
MN	WEST ST PAUL CITY	\$4,890.00
MN	WHITE BEAR LAKE CITY	\$3,500.00
MN	WILLMAR CITY	\$3,661.62
MN	WINDOM CITY	\$843.96
MN	WOODBURY CITY	\$17,500.00
MN	WYOMING CITY	\$425.00
	Totals for MN(137 Jurisdictions):	\$475,291.68
MO	ASH GROVE CITY	\$2,000.00
MO	ASHLAND CITY	\$2,337.50
MO	BALLWIN CITY	\$4,400.00
MO	BELLA VILLA CITY	\$2,960.00
MO	BELTON CITY	\$1,374.00
MO	BENTON COUNTY	\$2,000.00
MO	BLUE SPRINGS CITY	\$17,311.32
MO	BOLIVAR CITY	\$3,037.50
MO	BOONVILLE CITY	\$3,200.00
MO	BOWLING GREEN CITY	\$2,325.00
MO	BRECKENRIDGE HILLS CITY	\$1,550.00
MO	BUCHANAN COUNTY	\$41,236.00
MO	BUTLER COUNTY	\$4,752.00
MO	CALDWELL COUNTY	\$1,068.45
MO	CALLAWAY COUNTY	\$6,480.00
MO	CALVERTON PARK VILLAGE	\$1,505.90
MO	CAMDEN COUNTY	\$7,997.50
MO	CAMDENTON CITY	\$2,025.00
MO	CAPE GIRARDEAU CITY	\$11,405.00
MO	CAPE GIRARDEAU COUNTY	\$6,975.00
MO	CARL JUNCTION CITY	\$625.00

MO	CHESTERFIELD CITY	\$7,750.00
MO	CHILLICOTHE CITY	\$2,400.00
MO	CHRISTIAN COUNTY	\$7,308.00
MO	CLAYTON CITY	\$3,100.00
MO	COLE COUNTY	\$3,875.00
MO	CRYSTAL CITY	\$1,202.50
MO	CONWAY POLICE DEPARTMENT	\$1,525.00
MO	DES PERES CITY	\$3,875.00
MO	EL DORADO SPRINGS CITY	\$3,592.50
MO	ELLISVILLE CITY	\$4,262.50
MO	EUREKA CITY	\$2,169.00
MO	EXCELSIOR SPRINGS CITY	\$1,862.50
MO	FAIR GROVE CITY	\$1,331.50
MO	FLORISSANT CITY	\$4,670.25
MO	FRANKLIN COUNTY	\$22,978.12
MO	FRONTENAC CITY	\$775.00
MO	FULTON CITY	\$1,500.00
MO	GLADSTONE CITY	\$5,475.00
MO	GLASGOW CITY	\$943.50
MO	GLENDALE CITY	\$800.00
MO	GRAIN VALLEY CITY	\$2,420.00
MO	GRANDVIEW CITY	\$3,139.99
MO	HAYTI CITY	\$1,255.50
MO	HAZELWOOD CITY	\$2,796.50
MO	HOLLISTER CITY	\$3,900.00
MO	HOWELL COUNTY	\$3,732.50
MO	IRON COUNTY	\$3,925.00
MO	JACKSON CITY	\$5,962.50
MO	JACKSON COUNTY	\$8,656.53
MO	JAMESTOWN CITY	\$392.50
MO	JEFFERSON CITY	\$15,000.00
MO	JEFFERSON COUNTY	\$10,062.84
MO	JOPLIN CITY	\$17,608.50
MO	KAHOKA CITY	\$1,075.00
MO	KANSAS CITY	\$91,762.16
MO	KIRKSVILLE CITY	\$2,604.00
MO	KIRKWOOD CITY	\$7,600.00
MO	LAKE LOTAWANA CITY	\$2,150.00
MO	LAKE OZARK CITY	\$2,397.00
MO	LAKE ST LOUIS CITY	\$3,975.00
MO	LANAGAN CITY	\$800.00
MO	LAWSON CITY	\$2,967.50
MO	LEES SUMMIT CITY	\$7,440.95
MO	LEMAY FIRE PROTECTION DIST	\$8,687.50
MO	LIBERTY CITY	\$4,273.75
MO	LICKING CITY	\$1,648.50
MO	LINCOLN CITY	\$1,063.50

MO	LIVINGSTON COUNTY	\$2,200.00
MO	MAPLEWOOD CITY	\$1,937.50
MO	MARYVILLE CITY	\$1,142.50
MO	METROPOLITAN CMTY COLLEGES	\$450.96
MO	MISSOURI	\$28,354.79
MO	MONETT CITY	\$1,600.00
MO	MONITEAU COUNTY	\$1,524.00
MO	MONROE CITY	\$2,007.00
MO	NEOSHO CITY	\$1,920.00
MO	NEVADA CITY	\$1,161.21
MO	NEWTON COUNTY	\$4,400.00
MO	NIXA CITY	\$3,108.00
MO	NODAWAY COUNTY	\$1,740.00
MO	NORMANDY CITY	\$2,712.50
MO	NORTH KANSAS CITY	\$3,200.00
MO	O FALLON CITY	\$11,040.00
MO	OLIVETTE CITY	\$6,000.00
MO	OVERLAND CITY	\$3,883.00
MO	OZARK CITY	\$4,400.00
MO	PAGEDALE CITY	\$8,400.00
MO	PERRYVILLE CITY	\$3,000.00
MO	PETTIS COUNTY	\$7,478.75
MO	PHELPS COUNTY	\$1,605.00
MO	PLATTE CITY	\$2,000.00
MO	PLATTE COUNTY	\$10,137.75
MO	PLEASANT VALLEY CITY	\$988.50
MO	POTOSI CITY	\$4,977.00
MO	PULASKI COUNTY	\$9,425.00
MO	RAYMORE CITY	\$3,701.25
MO	RAYTOWN CITY	\$9,285.24
MO	REEDS SPRING SCH DIST R-4	\$1,262.50
MO	REPUBLIC CITY	\$2,505.83
MO	RICHMOND HEIGHTS CITY	\$5,812.50
MO	ROCK HILL CITY	\$1,937.50
MO	ROGERSVILLE CITY	\$1,637.50
MO	ROLLA CITY	\$3,875.00
MO	SCOTT COUNTY	\$3,470.00
MO	SHREWSBURY CITY	\$1,987.50
MO	SIKESTON CITY	\$6,862.50
MO	SMITHVILLE CITY	\$4,400.00
MO	ST ANN CITY	\$6,110.00
MO	ST CHARLES CITY	\$8,137.50
MO	ST CHARLES COUNTY	\$4,912.57
MO	ST CLAIR CITY	\$1,155.00
MO	ST CLAIR COUNTY	\$1,890.00
MO	ST JAMES CITY	\$1,275.50
MO	ST JOSEPH CITY	\$8,616.38

MO	ST ROBERT CITY	\$4,800.00
MO	SULLIVAN CITY	\$775.00
MO	TANEY COUNTY	\$2,350.67
MO	TARKIO CITY	\$420.00
MO	TEXAS COUNTY	\$4,844.28
MO	TOWN AND COUNTRY CITY	\$3,036.00
MO	TROY CITY	\$4,266.41
MO	UNION CITY	\$2,412.50
MO	UNIVERSITY CITY	\$4,400.00
MO	VIBURNUM CITY	\$2,400.00
MO	VIENNA CITY	\$2,220.00
MO	VINITA PARK CITY	\$7,612.50
MO	WARRENTON CITY	\$690.00
MO	WASHINGTON CITY	\$2,385.00
MO	WEATHERBY LAKE CITY	\$1,877.93
MO	WEBSTER COUNTY	\$3,500.00
MO	WELLSVILLE CITY	\$412.50
MO	WENTZVILLE CITY	\$10,075.00
MO	WEST PLAINS CITY	\$7,000.00
MO	WILLARD CITY	\$690.00
	Totals for MO(135 Jurisdictions):	\$701,053.28
MS	AMORY CITY	\$1,537.00
MS	BATESVILLE CITY	\$1,396.00
MS	BYRAM CITY	\$4,127.50
MS	CARROLL COUNTY	\$1,475.00
MS	CARTHAGE CITY	\$2,247.00
MS	COLUMBIA CITY	\$8,000.00
MS	COLUMBUS CITY	\$9,343.75
MS	COPIAH COUNTY	\$8,208.00
MS	CORINTH CITY	\$1,932.00
MS	D IBERVILLE CITY	\$2,934.00
MS	DERMA TOWN	\$650.00
MS	ECRU TOWN	\$2,805.00
MS	FARMINGTON TOWN	\$4,097.50
MS	FLORENCE TOWN	\$2,192.00
MS	FOREST CITY	\$912.00
MS	FORREST COUNTY	\$5,600.00
MS	GAUTIER CITY	\$5,882.00
MS	GREENWOOD CITY	\$5,850.00
MS	GULFPORT CITY	\$3,000.00
MS	HANCOCK COUNTY	\$5,985.00
MS	HOLLY SPRINGS CITY	\$6,000.00
MS	HORN LAKE CITY	\$12,858.20
MS	JACKSON PUBLIC SCH DIST	\$5,544.00
MS	KOSCIUSKO CITY	\$2,740.00
MS	LAMAR COUNTY	\$7,682.00
MS	LAUREL CITY	\$6,325.00

MS	LEAKE COUNTY	\$1,498.00
MS	LEE COUNTY	\$3,056.00
MS	LEFLORE COUNTY	\$10,400.00
MS	LINCOLN COUNTY	\$5,537.50
MS	LONG BEACH	\$4,186.00
MS	MADISON CITY	\$11,375.00
MS	MARION CITY	\$2,696.35
MS	MARSHALL COUNTY	\$17,204.00
MS	MCCOMB CITY	\$5,992.50
MS	MERIDIAN CITY	\$6,000.00
MS	METCALF TOWN	\$1,300.00
MS	NATCHEZ CITY	\$3,836.00
MS	OXFORD CITY	\$3,570.00
MS	PASCAGOULA CITY	\$1,743.00
MS	PASS CHRISTIAN CITY	\$1,300.00
MS	PEARL CITY	\$274.00
MS	PICAYUNE CITY	\$3,230.00
MS	PONTOTOC CITY	\$295.00
MS	POPLARVILLE CITY	\$900.00
MS	RIDGELAND CITY	\$10,651.50
MS	SCOOBA TOWN	\$2,460.50
MS	SEBASTOPOL TOWN	\$1,987.50
MS	STONE COUNTY	\$2,522.70
MS	STONEWALL TOWN	\$1,644.00
MS	TERRY TOWN	\$2,760.00
MS	TUNICA COUNTY	\$26,642.00
MS	TUNICA TOWN	\$1,732.50
MS	TUPELO CITY	\$6,292.00
MS	TYLERTOWN TOWN	\$4,152.00
MS	UNION TOWN	\$1,372.00
MS	VICKSBURG CITY	\$3,200.00
MS	WALNUT GROVE TOWN	\$1,192.50
MS	WIGGINS CITY	\$1,575.00
MS	WALLS TOWN	\$2,415.00
	Totals for MS(60 Jurisdictions):	\$274,315.50
MT	BUTTE-SILVER BOW CITY AND COUNTY	\$5,692.50
MT	BOZEMAN CITY	\$10,800.00
MT	CASCADE COUNTY	\$9,181.00
MT	CUT BANK CITY	\$1,336.64
MT	DAWSON COUNTY	\$4,125.00
MT	DEER LODGE CITY	\$3,300.00
MT	FERGUS COUNTY	\$1,811.00
MT	GLACIER COUNTY	\$5,025.00
MT	GLASGOW CITY	\$400.00
MT	GRANITE COUNTY SHERIFF'S OFFICE	\$1,396.50
MT	GREAT FALLS CITY	\$10,000.00
MT	HAVRE CITY	\$3,788.00

MT	HELENA CITY	\$5,285.00
MT	LAUREL CITY	\$5,453.50
MT	LEWIS AND CLARK COUNTY	\$3,425.00
MT	LEWISTOWN CITY	\$2,960.00
MT	LINCOLN COUNTY	\$3,754.00
MT	MANHATTAN TOWN	\$426.06
MT	MILES CITY	\$2,649.93
MT	MISSOULA CITY	\$5,187.50
MT	RAVALLI COUNTY	\$6,304.00
MT	RONAN CITY	\$1,201.50
MT	SWEET GRASS COUNTY	\$1,196.50
MT	TETON COUNTY	\$1,955.01
MT	TOOLE COUNTY	\$7,600.00
MT	TROY CITY	\$540.18
MT	VALLEY COUNTY	\$2,141.00
MT	WHITEFISH CITY	\$2,706.39
MT	WOLF POINT CITY	\$393.67
	Totals for MT(29 Jurisdictions):	\$110,034.88
NC	ALBEMARLE CITY	\$5,576.00
NC	APEX TOWN	\$14,255.79
NC	ASHEBORO CITY	\$5,238.65
NC	ASHEVILLE CITY	\$32,407.50
NC	ATLANTIC BEACH TOWN	\$1,785.00
NC	AVERY COUNTY	\$2,485.00
NC	BEECH MOUNTAIN TOWN	\$1,560.00
NC	BELHAVEN TOWN	\$1,525.00
NC	BELMONT CITY	\$3,447.75
NC	BERTIE COUNTY	\$2,458.26
NC	BLADEN COUNTY	\$5,880.69
NC	BOILING SPRING LAKES CITY	\$1,112.50
NC	BOONE TOWN	\$3,325.00
NC	BREVARD CITY	\$7,800.00
NC	BURLINGTON CITY	\$38,845.50
NC	CASWELL COUNTY	\$4,613.00
NC	CHAPEL HILL TOWN	\$13,024.00
NC	CHEROKEE COUNTY	\$5,461.97
NC	CHERRYVILLE CITY	\$1,644.00
NC	CLAY COUNTY	\$2,520.00
NC	CLEVELAND COUNTY	\$5,496.95
NC	CLINTON CITY	\$1,736.05
NC	COLUMBUS COUNTY	\$7,304.37
NC	COLUMBUS TOWN	\$1,810.09
NC	CONCORD CITY	\$16,169.00
NC	CRAMERTON TOWN	\$2,405.41
NC	CREEDMOOR CITY	\$797.02
NC	CURRITUCK COUNTY	\$8,525.00
NC	DARE COUNTY	\$3,008.69

NC	DAVIE COUNTY	\$10,800.00
NC	DREXEL TOWN	\$605.26
NC	DUCK TOWN	\$1,942.00
NC	DUNN CITY	\$600.00
NC	EDENTON TOWN	\$2,043.03
NC	ELIZABETH CITY	\$6,908.33
NC	ELIZABETH TOWN TOWN	\$1,006.05
NC	ELON COLLEGE TOWN	\$1,329.40
NC	FOREST CITY TOWN	\$2,718.75
NC	FRANKLIN COUNTY	\$10,800.00
NC	FRANKLINTON TOWN	\$4,612.46
NC	FUQUAY-VARINA TOWN	\$6,627.20
NC	GARNER TOWN	\$4,937.50
NC	GASTONIA CITY	\$16,454.09
NC	GOLDSBORO CITY	\$11,118.68
NC	GRAHAM CITY	\$3,596.94
NC	GRANVILLE COUNTY	\$1,657.50
NC	GREENVILLE CITY	\$25,893.00
NC	HALIFAX COUNTY	\$8,523.13
NC	HAVELOCK CITY	\$4,800.00
NC	HAW RIVER TOWN	\$2,386.88
NC	HAYWOOD COUNTY	\$4,150.00
NC	HENDERSON CITY	\$7,985.39
NC	HICKORY CITY	\$8,587.50
NC	HOPE MILLS TOWN	\$2,101.52
NC	JACKSONVILLE CITY	\$12,160.00
NC	KERNERSVILLE TOWN	\$9,675.00
NC	KINGS MOUNTAIN CITY	\$2,081.60
NC	KINSTON CITY	\$6,137.39
NC	KITTY HAWK TOWN	\$1,135.00
NC	KNIGHTDALE TOWN	\$2,640.00
NC	KURE BEACH TOWN	\$1,277.02
NC	LELAND TOWN	\$2,800.00
NC	LENOIR CITY	\$3,960.00
NC	LEXINGTON CITY	\$8,946.00
NC	LUMBERTON CITY	\$19,175.00
NC	MACON COUNTY	\$7,045.50
NC	MANTEO TOWN	\$343.49
NC	MARTIN COUNTY	\$2,277.50
NC	MATTHEWS TOWN	\$6,158.87
NC	MAXTON TOWN	\$2,100.00
NC	MAYSVILLE TOWN	\$1,076.67
NC	MONTGOMERY COUNTY	\$3,225.00
NC	MOORE COUNTY	\$7,310.00
NC	MOORESVILLE TOWN	\$10,000.00
NC	MOREHEAD CITY	\$2,024.00
NC	MOUNT OLIVE TOWN	\$3,809.91

NC	MURFREESBORO TOWN	\$330.61
NC	NAGS HEAD TOWN	\$4,560.00
NC	NASHVILLE TOWN	\$1,179.00
NC	NEW BERN CITY	\$5,769.51
NC	OXFORD CITY	\$3,627.48
NC	PASQUOTANK COUNTY	\$7,902.50
NC	PERSON COUNTY	\$6,631.77
NC	PINEHURST VILLAGE	\$3,535.00
NC	PINEVILLE TOWN	\$4,780.86
NC	REIDSVILLE CITY	\$6,949.40
NC	RICHLANDS TOWN	\$1,229.80
NC	RIVER BEND TOWN	\$500.63
NC	ROCKINGHAM COUNTY	\$4,477.50
NC	ROCKY MOUNT CITY	\$13,652.50
NC	ROLESVILLE TOWN	\$3,152.33
NC	SAMPSON COUNTY	\$8,277.02
NC	SANFORD CITY	\$15,382.80
NC	SCOTLAND COUNTY	\$6,684.83
NC	SHARPSBURG TOWN	\$3,384.00
NC	SMITHFIELD TOWN	\$4,718.71
NC	SOUTHERN PINES TOWN	\$3,600.00
NC	SOUTHERN SHORES TOWN	\$295.00
NC	SPENCER TOWN	\$1,744.63
NC	STALLINGS TOWN	\$2,863.14
NC	STANLY COUNTY	\$1,385.00
NC	STATESVILLE CITY	\$10,968.48
NC	STOKES COUNTY	\$1,617.63
NC	SURRY COUNTY	\$7,345.44
NC	SPRING HOPE TOWN	\$2,958.00
NC	SUGAR MOUNTAIN VILLAGE	\$560.00
NC	TOWN OF BUTNER	\$3,535.36
NC	TROUTMAN TOWN	\$2,385.00
NC	TRYON TOWN	\$2,375.40
NC	VALDESE TOWN	\$1,959.82
NC	WADESBORO TOWN	\$2,837.95
NC	WASHINGTON CITY	\$6,985.50
NC	WATAUGA COUNTY	\$3,758.50
NC	WHISPERING PINES VILLAGE	\$1,124.94
NC	WILLIAMSTON TOWN	\$3,865.00
NC	WILSON CITY	\$11,275.00
NC	WILSON COUNTY	\$6,601.71
NC	WINDSOR TOWN	\$2,448.76
NC	YOUNGSVILLE TOWN	\$3,686.87
NC	ZEBULON TOWN	\$962.03
	Totals for NC(120 Jurisdictions):	\$663,626.16
ND	BISMARCK CITY	\$16,575.00
ND	BURLEIGH COUNTY	\$5,600.00

ND	DICKINSON CITY	\$4,145.00
ND	EMMONS COUNTY	\$2,267.50
ND	GRAND FORKS CITY	\$9,600.00
ND	GRAND FORKS COUNTY	\$570.00
ND	JAMESTOWN CITY	\$6,025.00
ND	MANDAN CITY	\$2,800.00
ND	MINOT CITY	\$5,939.91
ND	MORTON COUNTY	\$2,000.00
ND	RAMSEY COUNTY	\$800.00
ND	STARK COUNTY	\$2,400.00
ND	STUTSMAN COUNTY	\$13,125.00
ND	WAHPETON CITY	\$1,600.00
ND	WALSH COUNTY	\$2,270.00
ND	WARD COUNTY	\$3,217.46
ND	WATFORD CITY	\$5,409.00
ND	WEST FARGO CITY	\$9,475.00
	Totals for ND(18 Jurisdictions):	\$93,818.87
NE	ALBION CITY	\$900.00
NE	ALLIANCE CITY	\$773.00
NE	BELLEVUE CITY	\$9,200.00
NE	BLAIR CITY	\$2,000.00
NE	BOONE COUNTY	\$407.50
NE	BOYS TOWN VILLAGE	\$1,499.98
NE	BROKEN BOW CITY	\$1,967.50
NE	BUFFALO COUNTY	\$2,625.00
NE	CHADRON CITY	\$1,177.50
NE	COLUMBUS CITY	\$4,400.00
NE	DAKOTA COUNTY	\$5,079.75
NE	DODGE COUNTY	\$2,250.00
NE	FAIRBURY CITY	\$2,762.50
NE	GRAND ISLAND CITY	\$8,810.00
NE	HALL COUNTY	\$3,282.40
NE	KEARNEY CITY	\$3,867.50
NE	LA VISTA CITY	\$4,000.00
NE	LEXINGTON CITY	\$2,250.00
NE	NEMAHA COUNTY	\$733.16
NE	NORFOLK CITY	\$3,112.50
NE	NORTH PLATTE CITY	\$4,875.00
NE	PAPILLION CITY	\$3,760.00
NE	PLATTSMOUTH CITY	\$1,552.50
NE	RALSTON CITY	\$2,280.00
NE	RICHARDSON COUNTY	\$2,765.00
NE	SAUNDERS COUNTY	\$300.00
NE	SCOTTSBLUFF CITY	\$3,900.00
NE	SIDNEY CITY	\$871.15
NE	SOUTH SIOUX CITY	\$2,460.00
NE	WASHINGTON COUNTY	\$9,135.00

	Totals for NE(30 Jurisdictions):	\$92,996.94
NH	BARRINGTON TOWN	\$1,207.50
NH	BARTLETT TOWN	\$727.50
NH	BEDFORD TOWN	\$2,960.00
NH	BRENTWOOD TOWN	\$1,685.20
NH	CHESHIRE COUNTY	\$2,155.50
NH	CHESTER TOWN	\$800.00
NH	CLAREMONT CITY	\$2,800.00
NH	CONCORD CITY	\$7,000.00
NH	CONWAY TOWN	\$4,878.00
NH	DEERING TOWN	\$895.00
NH	DOVER CITY	\$2,840.32
NH	DUNBARTON TOWN	\$900.00
NH	EPSOM TOWN	\$2,250.00
NH	EXETER TOWN	\$1,721.23
NH	FARMINGTON TOWN	\$3,573.24
NH	GILFORD TOWN	\$2,012.50
NH	GOFFSTOWN TOWN	\$3,550.00
NH	GRAFTON COUNTY	\$1,087.50
NH	HAMPTON FALLS TOWN	\$1,590.00
NH	HANOVER TOWN	\$2,600.00
NH	HENNIKER TOWN	\$1,276.00
NH	HOOKSETT TOWN	\$3,577.50
NH	KEENE CITY	\$3,492.50
NH	LACONIA CITY	\$2,791.24
NH	LEBANON CITY	\$4,200.00
NH	LEE TOWN	\$1,993.50
NH	LONDONDERRY TOWN	\$5,600.00
NH	LYNDEBOROUGH TOWN	\$1,650.00
NH	MASON TOWN	\$1,600.00
NH	MERRIMACK TOWN	\$6,332.50
NH	MILFORD TOWN	\$2,557.50
NH	MONT VERNON TOWN	\$765.00
NH	MOULTONBOROUGH TOWN	\$1,500.00
NH	NASHUA CITY	\$14,332.50
NH	NORTH HAMPTON TOWN	\$4,257.50
NH	PORTSMOUTH CITY	\$5,817.50
NH	RINDGE TOWN	\$1,198.50
NH	ROCHESTER CITY	\$12,214.00
NH	SALEM TOWN	\$4,565.00
NH	SANDOWN TOWN	\$2,125.00
NH	SOMERSWORTH CITY	\$1,020.00
NH	SPRINGFIELD TOWN	\$800.00
NH	SWANZEY TOWN	\$1,570.00
NH	THORNTON TOWN	\$979.50
NH	WAKEFIELD TOWN	\$1,000.00
NH	WINDHAM TOWN	\$3,300.00

NH	WOLFEBORO TOWN	\$1,600.00
	Totals for NH(47 Jurisdictions):	\$139,348.73
NJ	ABSECON CITY	\$3,200.00
NJ	ANDOVER TOWNSHIP	\$961.70
NJ	ASBURY PARK CITY	\$7,237.20
NJ	ATLANTIC CITY	\$24,042.50
NJ	BARNEGAT TOWNSHIP	\$12,485.25
NJ	BARRINGTON BOROUGH	\$497.50
NJ	BAYONNE CITY	\$38,447.63
NJ	BEDMINSTER TOWNSHIP	\$800.00
NJ	BELLEVILLE TOWNSHIP	\$8,893.50
NJ	BELLMAWR BOROUGH	\$2,922.06
NJ	BERGENFIELD BOROUGH	\$2,637.50
NJ	BERKELEY TOWNSHIP	\$4,999.95
NJ	BERLIN BOROUGH	\$2,450.00
NJ	BERLIN TOWNSHIP	\$2,450.00
NJ	BERNARDS TOWNSHIP	\$6,000.00
NJ	BERNARDSVILLE BOROUGH	\$1,226.78
NJ	BLOOMFIELD TOWNSHIP	\$8,387.50
NJ	BLOOMINGDALE BOROUGH	\$2,120.25
NJ	BOGOTA BOROUGH	\$3,600.00
NJ	BORDENTOWN CITY	\$2,697.00
NJ	BORDENTOWN TOWNSHIP	\$1,500.00
NJ	BOUND BROOK BOROUGH	\$2,499.98
NJ	BRICK TOWNSHIP	\$540.00
NJ	BRIGANTINE CITY	\$3,080.00
NJ	BROOKLAWN BOROUGH	\$1,760.00
NJ	BURLINGTON TOWNSHIP	\$8,943.90
NJ	BYRAM TOWNSHIP	\$848.10
NJ	BRIDGEWATER TOWNSHIP	\$17,690.00
NJ	CALDWELL BOROUGH	\$1,770.00
NJ	CAPE MAY COUNTY	\$10,000.00
NJ	CARLSTADT BOROUGH	\$1,272.15
NJ	CARNEYS POINT TOWNSHIP	\$2,818.73
NJ	CARTERET BOROUGH	\$6,000.00
NJ	CHERRY HILL TOWNSHIP	\$15,030.90
NJ	CHESTER TOWNSHIP	\$1,840.80
NJ	CHESTERFIELD TOWNSHIP	\$675.00
NJ	CINNAMINSON TOWNSHIP	\$2,832.00
NJ	CLARK TOWNSHIP	\$908.60
NJ	CLAYTON BOROUGH	\$1,770.00
NJ	CLIFTON CITY	\$5,464.25
NJ	CRANFORD TOWNSHIP	\$8,481.00
NJ	CRESSKILL BOROUGH	\$1,200.00
NJ	DEAL BOROUGH	\$800.00
NJ	DELANCO TOWNSHIP	\$1,600.00
NJ	DELRAN TOWNSHIP	\$2,802.00

NJ	DENVILLE TOWNSHIP	\$6,000.00
NJ	DOVER TOWN	\$2,655.00
NJ	DUMONT BOROUGH	\$1,461.00
NJ	DEPTFORD TOWNSHIP	\$6,907.50
NJ	EAST HANOVER TOWNSHIP	\$3,365.95
NJ	EAST RUTHERFORD BOROUGH	\$10,510.85
NJ	EATONTOWN BOROUGH	\$2,895.00
NJ	EDGEWATER BOROUGH	\$2,730.00
NJ	EDGEWATER PARK TOWNSHIP	\$1,600.00
NJ	EGG HARBOR CITY	\$2,437.50
NJ	EGG HARBOR TOWNSHIP	\$11,895.00
NJ	ELK TOWNSHIP	\$1,475.00
NJ	EVESHAM TOWNSHIP	\$11,625.00
NJ	EWING TOWNSHIP	\$11,613.51
NJ	EAST WINDSOR TOWNSHIP	\$3,524.50
NJ	FAIR HAVEN BOROUGH	\$6,160.00
NJ	FAIR LAWN BOROUGH	\$380.00
NJ	FAIRFIELD TOWNSHIP	\$4,000.00
NJ	FAIRVIEW BOROUGH	\$1,875.00
NJ	FAR HILLS BOROUGH	\$799.00
NJ	FLORENCE TOWNSHIP	\$2,925.00
NJ	FLORHAM PARK BOROUGH	\$3,365.95
NJ	FORT LEE BOROUGH	\$15,790.50
NJ	FRANKLIN BOROUGH	\$950.00
NJ	FRANKLIN TOWNSHIP	\$2,400.00
NJ	FREEHOLD BOROUGH	\$992.00
NJ	FREEHOLD TOWNSHIP	\$4,250.00
NJ	GALLOWAY TOWNSHIP	\$7,080.00
NJ	GARFIELD CITY	\$6,426.00
NJ	GARWOOD BOROUGH	\$800.00
NJ	GLOUCESTER CITY	\$2,247.50
NJ	GLOUCESTER TOWNSHIP	\$16,275.00
NJ	GREENWICH TOWNSHIP	\$2,400.00
NJ	HACKETTSTOWN TOWN	\$3,200.00
NJ	HADDON HEIGHTS BOROUGH	\$1,304.00
NJ	HADDON TOWNSHIP	\$5,871.40
NJ	HADDONFIELD BOROUGH	\$1,886.00
NJ	HAMBURG BOROUGH	\$3,097.50
NJ	HAMILTON TOWNSHIP (MAYS LANDING)	\$5,720.00
NJ	HAMILTON TOWNSHIP (TRENTON)	\$12,940.95
NJ	HAMMONTON TOWN	\$4,045.50
NJ	HARDYSTON TOWNSHIP	\$1,770.00
NJ	HARRISON TOWNSHIP	\$5,274.50
NJ	HARVEY CEDARS BOROUGH	\$796.00
NJ	HAWTHORNE BOROUGH	\$3,995.00
NJ	HAZLET TOWNSHIP	\$7,600.00
NJ	HI NELLA BOROUGH	\$1,320.00

NJ	HIGH BRIDGE BOROUGH	\$2,404.25
NJ	HIGHTSTOWN BOROUGH	\$1,713.90
NJ	HILLSBOROUGH TOWNSHIP	\$2,865.00
NJ	HILLSDALE BOROUGH	\$870.00
NJ	HOBOKEN CITY	\$12,803.00
NJ	HOLMDEL TOWNSHIP	\$3,198.60
NJ	HOPATCONG BOROUGH	\$7,305.00
NJ	HOWELL TOWNSHIP	\$11,688.60
NJ	HIGHLAND PARK	\$1,089.00
NJ	IRVINGTON TOWNSHIP	\$6,194.81
NJ	JACKSON TOWNSHIP	\$7,222.60
NJ	JEFFERSON TOWNSHIP	\$4,432.50
NJ	KEARNY TOWN	\$11,437.50
NJ	KENILWORTH BOROUGH	\$2,655.00
NJ	LACEY TOWNSHIP	\$9,394.24
NJ	LAUREL SPRINGS BOROUGH	\$391.50
NJ	LAWRENCE TOWNSHIP	\$4,000.00
NJ	LEONIA BOROUGH	\$1,770.00
NJ	LINDENWOLD BOROUGH	\$880.00
NJ	LITTLE FERRY BOROUGH	\$3,200.00
NJ	LIVINGSTON TOWNSHIP	\$13,712.50
NJ	LODI BOROUGH	\$16,062.75
NJ	LOGAN TOWNSHIP	\$1,996.00
NJ	LONG BEACH TOWNSHIP	\$2,044.20
NJ	LONG BRANCH CITY	\$9,256.50
NJ	LONG HILL TOWNSHIP	\$2,000.00
NJ	LONGPORT BOROUGH	\$2,137.50
NJ	LOWER ALLOWAYS CREEK TOWNSHIP	\$1,710.00
NJ	LOWER TOWNSHIP	\$5,587.50
NJ	LUMBERTON TOWNSHIP	\$1,425.09
NJ	LYNDHURST TOWNSHIP	\$5,088.60
NJ	MADISON BOROUGH	\$3,068.00
NJ	MAGNOLIA BOROUGH	\$1,320.00
NJ	MANALAPAN TOWNSHIP	\$5,456.00
NJ	MANCHESTER TOWNSHIP	\$7,872.00
NJ	MANSFIELD TOWNSHIP	\$2,000.10
NJ	MANTUA TOWNSHIP	\$1,930.00
NJ	MAPLE SHADE TOWNSHIP	\$5,445.00
NJ	MAPLEWOOD TOWNSHIP	\$2,277.00
NJ	MARLBORO TOWNSHIP	\$12,825.00
NJ	MAYWOOD BOROUGH	\$3,500.00
NJ	MEDFORD LAKES BOROUGH	\$1,488.00
NJ	MEDFORD TOWNSHIP	\$3,901.60
NJ	MENDHAM TOWNSHIP	\$893.00
NJ	MERCHANTVILLE BOROUGH	\$2,178.00
NJ	MIDDLE TOWNSHIP	\$4,680.00
NJ	MIDDLESEX BOROUGH	\$2,400.00

NJ	MIDLAND PARK BOROUGH	\$546.70
NJ	MILLVILLE CITY	\$14,477.00
NJ	MONROE TOWNSHIP	\$4,860.00
NJ	MONTCLAIR TOWNSHIP	\$6,944.00
NJ	MONTVALE BOROUGH	\$1,600.00
NJ	MONTVILLE TOWNSHIP	\$8,800.00
NJ	MOORESTOWN TOWNSHIP	\$3,654.00
NJ	MORRIS TOWNSHIP	\$2,453.55
NJ	MOUNT ARLINGTON BOROUGH	\$1,960.00
NJ	MOUNT HOLLY TOWNSHIP	\$2,212.50
NJ	MOUNT LAUREL TOWNSHIP	\$6,679.20
NJ	MOUNT OLIVE TOWNSHIP	\$3,365.95
NJ	MULLICA TOWNSHIP	\$1,106.25
NJ	NEPTUNE CITY BOROUGH	\$2,275.00
NJ	NEPTUNE TOWNSHIP	\$6,207.50
NJ	NEW BRUNSWICK CITY	\$10,965.63
NJ	NEW MILFORD BOROUGH	\$5,000.00
NJ	NEWTON TOWN	\$1,327.50
NJ	NORTH ARLINGTON BOROUGH	\$4,697.12
NJ	NORTH BERGEN TOWNSHIP	\$11,000.00
NJ	NORTH BRUNSWICK TOWNSHIP	\$5,426.85
NJ	NORTH CALDWELL BOROUGH	\$625.00
NJ	NORTH HALEDON BOROUGH	\$3,844.00
NJ	NORTHFIELD CITY	\$1,987.50
NJ	NUTLEY TOWNSHIP	\$5,284.40
NJ	OAKLAND BOROUGH	\$6,195.00
NJ	OAKLYN BOROUGH	\$930.00
NJ	OCEAN CITY	\$5,369.00
NJ	OCEAN GATE BOROUGH	\$1,600.00
NJ	OCEAN TOWNSHIP (OAKHURST)	\$5,313.00
NJ	OCEAN TOWNSHIP (WARETOWN)	\$2,802.00
NJ	OLD BRIDGE TOWNSHIP	\$7,524.00
NJ	OLD TAPPAN BOROUGH	\$1,950.00
NJ	ORADELL BOROUGH	\$2,000.00
NJ	ORANGE CITY TOWNSHIP	\$9,762.50
NJ	PALISADES PARK BOROUGH	\$4,000.00
NJ	PALMYRA BOROUGH	\$955.80
NJ	PARSIPPANY-TROY HILLS TOWNSHIP	\$15,469.80
NJ	PASSAIC CITY	\$40,887.00
NJ	PAULSBORO BOROUGH	\$1,508.00
NJ	PENNSAUKEN TOWNSHIP	\$7,875.00
NJ	PENNSVILLE TOWNSHIP	\$1,913.25
NJ	PEQUANNOCK TOWNSHIP	\$4,800.00
NJ	PERTH AMBOY CITY	\$11,062.50
NJ	PINE HILL BOROUGH	\$2,335.00
NJ	PISCATAWAY TOWNSHIP	\$6,264.48
NJ	PLAINFIELD CITY	\$3,941.85

NJ	PLAINSBORO TOWNSHIP	\$7,514.10
NJ	PLEASANTVILLE CITY	\$7,440.00
NJ	PLUMSTED TOWNSHIP	\$1,800.00
NJ	POINT PLEASANT BEACH BOROUGH	\$2,602.95
NJ	POINT PLEASANT BOROUGH	\$9,159.75
NJ	RAHWAY CITY	\$16,800.00
NJ	RANDOLPH TOWNSHIP	\$11,505.00
NJ	RARITAN BOROUGH	\$2,120.25
NJ	RARITAN TOWNSHIP	\$5,009.40
NJ	RIDGEFIELD BOROUGH	\$2,212.50
NJ	RIDGEWOOD VILLAGE	\$11,208.00
NJ	RINGWOOD BOROUGH	\$2,088.60
NJ	RIVERDALE BOROUGH	\$1,204.49
NJ	RIVERTON BOROUGH	\$877.80
NJ	ROCKAWAY BOROUGH	\$3,560.00
NJ	ROSELAND BOROUGH	\$5,880.23
NJ	ROSELLE BOROUGH	\$4,508.64
NJ	ROSELLE PARK BOROUGH	\$3,405.04
NJ	RUNNEMEDE BOROUGH	\$1,320.00
NJ	RUTHERFORD BOROUGH	\$6,360.75
NJ	SADDLE RIVER BOROUGH	\$1,770.00
NJ	SALEM COUNTY	\$4,812.50
NJ	SAYREVILLE BOROUGH	\$8,341.13
NJ	SECAUCUS TOWN	\$6,781.90
NJ	SHREWSBURY BOROUGH	\$1,408.46
NJ	SOMERVILLE BOROUGH	\$3,097.50
NJ	SOUTH BRUNSWICK TOWNSHIP	\$2,087.25
NJ	SOUTH HACKENSACK TOWNSHIP	\$4,005.00
NJ	SOUTH ORANGE VILLAGE TOWNSHIP	\$1,885.00
NJ	SOUTH RIVER BOROUGH	\$11,641.00
NJ	SPARTA TOWNSHIP	\$1,917.50
NJ	SPRING LAKE HTS BOROUGH	\$2,437.50
NJ	STAFFORD TOWNSHIP	\$6,637.50
NJ	STANHOPE BOROUGH	\$971.70
NJ	STRATFORD BOROUGH	\$880.00
NJ	TEANECK TOWNSHIP	\$6,711.25
NJ	TENAFLY BOROUGH	\$3,000.00
NJ	TRENTON CITY	\$35,622.13
NJ	UNION CITY	\$11,062.50
NJ	UNION TOWNSHIP	\$24,042.50
NJ	UPPER SADDLE RIVER BOROUGH	\$396.59
NJ	VENTNOR CITY	\$3,640.00
NJ	VERNON TOWNSHIP	\$2,120.25
NJ	VINELAND CITY	\$16,698.00
NJ	VOORHEES TOWNSHIP	\$4,262.16
NJ	WALL TOWNSHIP	\$7,042.00
NJ	WANAQUE BOROUGH	\$1,910.00

NJ	WARREN TOWNSHIP	\$2,968.35
NJ	WASHINGTON TOWNSHIP (LONG VALLEY)	\$4,875.00
NJ	WASHINGTON TOWNSHIP (ROBBINSVILLE)	\$1,669.80
NJ	WASHINGTON TOWNSHIP (TURNERSVILLE)	\$11,675.00
NJ	WAYNE TOWNSHIP	\$7,305.00
NJ	WEEHAWKEN TOWNSHIP	\$8,400.00
NJ	WEST DEPTFORD TOWNSHIP	\$4,464.00
NJ	WEST NEW YORK TOWN	\$8,000.00
NJ	WEST ORANGE TOWNSHIP	\$9,752.00
NJ	WEST PATERSON BOROUGH	\$2,580.00
NJ	WEST WILDWOOD BOROUGH	\$750.00
NJ	WEST WINDSOR TOWNSHIP	\$3,852.00
NJ	WESTAMPTON TOWNSHIP	\$4,276.30
NJ	WESTFIELD TOWN	\$4,755.40
NJ	WESTWOOD BOROUGH	\$3,900.00
NJ	WHARTON BOROUGH	\$1,442.55
NJ	WILDWOOD CITY	\$3,393.00
NJ	WILDWOOD CREST BOROUGH	\$3,474.00
NJ	WILLINGBORO TOWNSHIP	\$6,720.00
NJ	WINSLOW TOWNSHIP	\$8,360.00
NJ	WOODBURY HEIGHTS BOROUGH	\$1,948.04
NJ	WOODCLIFF LAKE BOROUGH	\$1,320.00
NJ	WASHINGTON TOWNSHIP	\$2,353.50
NJ	WOODLYNNE BOROUGH	\$1,582.50
	Totals for NJ(257 Jurisdictions):	\$1,327,919.27
NM	ALAMOGORDO CITY	\$6,745.00
NM	ANGEL FIRE VILLAGE	\$2,000.00
NM	ANTHONY CITY	\$2,691.00
NM	AZTEC CITY	\$1,600.00
NM	BELEN CITY	\$1,999.98
NM	BERNALILLO TOWN	\$1,887.50
NM	BOSQUE FARMS VILLAGE	\$740.00
NM	CARRIZOZO TOWN	\$1,600.00
NM	CHAVES COUNTY	\$3,920.00
NM	CLOVIS CITY	\$6,000.00
NM	CUBA VILLAGE	\$1,920.00
NM	CURRY COUNTY	\$4,260.00
NM	DEMING CITY	\$2,184.00
NM	FARMINGTON CITY	\$27,360.00
NM	JEMEZ SPRINGS VILLAGE	\$1,367.40
NM	LAS VEGAS CITY	\$2,015.00
NM	LEA COUNTY	\$12,750.00
NM	LINCOLN COUNTY	\$6,000.00
NM	LOS LUNAS VILLAGE	\$5,220.00
NM	LOVINGTON CITY	\$2,000.00
NM	LOS ALAMOS COUNTY	\$6,392.00
NM	MESILLA TOWN	\$3,310.00

NM	MORA COUNTY	\$1,725.00
NM	PUEBLO OF SANDIA	\$1,995.00
NM	RIO ARriba COUNTY	\$6,562.50
NM	ROOSEVELT COUNTY	\$4,842.50
NM	SAN MIGUEL COUNTY	\$1,875.00
NM	SANTA FE COUNTY	\$7,845.62
NM	SILVER CITY TOWN	\$2,664.00
NM	TAOS TOWN	\$2,310.00
NM	VALENCIA COUNTY	\$6,400.00
	Totals for NM(31 Jurisdictions):	\$140,181.50
NV	BOULDER CITY	\$5,400.00
NV	CLARK COUNTY SCH DIST	\$22,778.91
NV	ELKO CITY	\$4,500.00
NV	ELKO COUNTY	\$10,250.00
NV	LAS VEGAS CITY	\$20,482.00
NV	LAS VEGAS TRIBE OF PAIUTE INDIANS	\$4,000.00
NV	LYON COUNTY	\$8,400.00
NV	MESQUITE CITY	\$3,200.00
NV	NEVADA	\$11,780.19
NV	NYE COUNTY	\$22,372.00
NV	PYRAMID LAKE PAIUTE TRIBE	\$7,500.00
NV	SPARKS CITY	\$5,200.00
NV	WEST WENDOVER CITY	\$1,530.00
	Totals for NV(13 Jurisdictions):	\$127,393.10
NY	AKRON VILLAGE	\$1,342.50
NY	ALBANY CITY	\$37,796.00
NY	ALBION VILLAGE	\$3,020.00
NY	AMITYVILLE VILLAGE	\$1,306.00
NY	ARCADE VILLAGE	\$1,494.00
NY	ARDSLEY VILLAGE	\$3,300.00
NY	ATTICA VILLAGE	\$2,547.72
NY	AUBURN CITY	\$2,000.00
NY	BATAVIA CITY	\$2,287.60
NY	BEACON CITY	\$3,168.50
NY	BEDFORD TOWN	\$3,750.00
NY	BINGHAMTON CITY	\$13,200.00
NY	BLASDELL VILLAGE	\$1,754.10
NY	BLOOMING GROVE TOWN	\$3,500.00
NY	BREWSTER VILLAGE	\$1,125.00
NY	BRIGHTON TOWN	\$2,250.00
NY	BRONXVILLE VILLAGE	\$3,571.20
NY	CANAJOHARIE VILLAGE	\$3,728.25
NY	CANANDAIGUA CITY	\$2,712.50
NY	CANTON VILLAGE	\$2,500.00
NY	CATTARAUGUS COUNTY	\$8,000.00
NY	CAYUGA COUNTY	\$5,544.00
NY	CAYUGA HEIGHTS VILLAGE	\$6,078.24

NY	CHEEKTOWAGA TOWN	\$6,069.00
NY	CHEMUNG COUNTY	\$5,625.00
NY	CHENANGO COUNTY	\$2,695.00
NY	CHESTER TOWN	\$2,049.00
NY	CHITTENANGO VILLAGE	\$4,800.00
NY	CICERO TOWN	\$3,158.20
NY	CLARKSTOWN TOWN	\$13,760.00
NY	COLONIE TOWN	\$8,050.00
NY	COLUMBIA COUNTY	\$4,244.50
NY	CORNWALL ON HUDSON VILLAGE	\$2,125.00
NY	CORTLAND CITY	\$9,600.00
NY	CORTLAND COUNTY	\$18,000.00
NY	CRAWFORD TOWN	\$6,400.00
NY	CROTON ON HUDSON VILLAGE	\$5,525.00
NY	CUBA TOWN	\$3,000.00
NY	DELAWARE COUNTY	\$4,212.00
NY	DEPEW VILLAGE	\$2,328.00
NY	DUNKIRK CITY	\$2,724.00
NY	EAST AURORA VILLAGE	\$3,520.94
NY	EAST FISHKILL TOWN	\$3,200.00
NY	EAST GREENBUSH TOWN	\$4,866.00
NY	EAST HAMPTON TOWN	\$6,000.00
NY	EAST ROCHESTER VILLAGE	\$1,899.98
NY	ELLENVILLE VILLAGE	\$4,440.00
NY	ELMIRA CITY	\$6,450.00
NY	ELMIRA HEIGHTS VILLAGE	\$2,970.00
NY	ENDICOTT VILLAGE	\$3,802.50
NY	EVANS TOWN	\$6,760.00
NY	FALLSBURG TOWN	\$5,600.00
NY	FISHKILL VILLAGE	\$8,000.00
NY	FRANKLIN COUNTY	\$8,793.00
NY	FREEPORT VILLAGE	\$11,137.50
NY	GARDEN CITY VILLAGE	\$11,921.25
NY	GATES TOWN	\$961.00
NY	GEDDES TOWN	\$1,071.00
NY	GENESEO VILLAGE	\$1,300.00
NY	GLEN FALLS CITY	\$1,622.50
NY	GLOVERSVILLE CITY	\$3,454.50
NY	GOSHEN VILLAGE	\$4,050.00
NY	GOUVERNEUR VILLAGE	\$626.00
NY	GRAND ISLAND TOWN	\$7,986.00
NY	GRANVILLE VILLAGE	\$3,510.32
NY	GREECE TOWN	\$7,026.00
NY	GREENBURGH TOWN	\$5,482.50
NY	GREENE COUNTY	\$17,182.00
NY	GREENWOOD LAKE VILLAGE	\$900.00
NY	HAMBURG TOWN	\$6,781.65

NY	HASTINGS ON HUDSON VILLAGE	\$7,999.95
NY	HEMPSTEAD VILLAGE	\$12,375.00
NY	HERKIMER COUNTY	\$14,280.00
NY	HIGHLANDS TOWN	\$1,608.00
NY	HOLLEY VILLAGE	\$1,590.00
NY	HOOSICK FALLS VILLAGE	\$2,800.00
NY	HORNELL CITY	\$2,268.00
NY	HUDSON CITY	\$8,935.50
NY	HUDSON FALLS VILLAGE	\$3,124.00
NY	HUNTINGTON BAY VILLAGE	\$343.00
NY	HYDE PARK TOWN	\$2,349.75
NY	ILION VILLAGE	\$5,208.00
NY	IRONDEQUOIT TOWN	\$3,605.00
NY	IRVINGTON VILLAGE	\$5,943.62
NY	ITHACA CITY	\$6,749.93
NY	JAMESTOWN CITY	\$1,787.52
NY	JOHNSTOWN CITY	\$9,301.05
NY	KENMORE VILLAGE	\$2,325.00
NY	LAKE SUCCESS VILLAGE	\$5,000.00
NY	LAKEWOOD VILLAGE	\$2,460.00
NY	LANCASTER TOWN	\$6,035.00
NY	LE ROY TOWN	\$1,295.93
NY	LEWISBORO TOWN	\$2,117.50
NY	LIBERTY VILLAGE	\$2,992.50
NY	LIVINGSTON COUNTY	\$11,820.00
NY	LOCKPORT CITY	\$19,386.00
NY	LONG BEACH CITY	\$1,800.00
NY	LUMBERLAND TOWN	\$2,537.50
NY	LYNBROOK VILLAGE	\$1,125.00
NY	MACEDON TOWN	\$775.00
NY	MADISON COUNTY	\$23,058.00
NY	MALVERNE VILLAGE	\$8,613.00
NY	MAMARONECK TOWN	\$12,750.00
NY	MANLIUS TOWN	\$3,281.60
NY	MARLBOROUGH TOWN	\$2,680.00
NY	MIDDLETOWN CITY	\$5,700.00
NY	MOHAWK VILLAGE	\$1,600.00
NY	MONROE VILLAGE	\$1,687.50
NY	MONTGOMERY VILLAGE	\$1,688.88
NY	MOUNT HOPE TOWN	\$3,750.00
NY	MOUNT PLEASANT TOWN	\$3,908.70
NY	MOUNT VERNON CITY	\$12,000.00
NY	MT. MORRIS	\$1,353.24
NY	NASSAU VILLAGE	\$3,928.00
NY	NEW CASTLE TOWN	\$2,429.85
NY	NEW HARTFORD TOWN	\$2,808.00
NY	NEW ROCHELLE CITY	\$9,850.00

NY	NEW WINDSOR TOWN	\$5,625.00
NY	NEW YORK MILLS VILLAGE	\$2,020.00
NY	NEWBURGH CITY	\$12,630.00
NY	NIAGARA FALLS CITY	\$12,600.00
NY	NIAGARA TOWN	\$9,500.00
NY	NORTH CASTLE TOWN	\$3,836.25
NY	NORTH GREENBUSH TOWN	\$1,922.50
NY	NORTH SYRACUSE VILLAGE	\$690.78
NY	NORTHPORT VILLAGE	\$5,996.00
NY	OGDEN TOWN	\$1,147.50
NY	OLD WESTBURY VILLAGE	\$2,103.75
NY	ONEIDA CITY	\$2,260.00
NY	ONEONTA CITY	\$3,173.10
NY	ORCHARD PARK TOWN	\$4,300.00
NY	ORLEANS COUNTY	\$7,490.30
NY	OSSINING VILLAGE	\$1,634.00
NY	OTSEGO COUNTY	\$3,152.00
NY	PEEKSKILL CITY	\$4,600.20
NY	PELHAM VILLAGE	\$3,225.00
NY	PENN YAN VILLAGE	\$1,723.20
NY	PIERMONT VILLAGE	\$800.00
NY	PLATTSBURGH CITY	\$2,343.00
NY	PLEASANTVILLE VILLAGE	\$3,151.50
NY	PORT CHESTER VILLAGE	\$4,878.00
NY	PORT JERVIS CITY	\$3,602.50
NY	POTSDAM VILLAGE	\$1,230.00
NY	POUGHKEEPSIE CITY	\$7,200.00
NY	POUGHKEEPSIE TOWN	\$3,239.50
NY	POUND RIDGE TOWN	\$4,757.50
NY	PORT WASHINGTON POLICE DISTRICT	\$2,375.00
NY	RENSSELAER CITY	\$3,130.40
NY	RHINEBECK VILLAGE	\$354.50
NY	ROME CITY	\$11,932.00
NY	ROSENDALE TOWN	\$948.75
NY	ROTTERDAM TOWN	\$2,100.00
NY	RYE BROOK VILLAGE	\$2,800.00
NY	RYE CITY	\$4,560.00
NY	SAG HARBOR VILLAGE	\$823.00
NY	SALAMANCA CITY	\$7,653.24
NY	SARANAC LAKE VILLAGE	\$4,800.00
NY	SAUGERTIES TOWN	\$7,500.00
NY	SCHENECTADY CITY	\$30,400.00
NY	SCHODACK TOWN	\$953.00
NY	SCHOHARIE COUNTY	\$10,490.50
NY	SCHUYLER COUNTY	\$1,862.50
NY	SCOTIA VILLAGE	\$2,000.00
NY	SENECA FALLS VILLAGE	\$1,834.80

NY	SHELTER ISLAND TOWN	\$3,000.00
NY	SHERRILL CITY	\$1,199.75
NY	SOLVAY VILLAGE	\$2,291.50
NY	SOMERS TOWN	\$3,765.00
NY	SOUTHAMPTON TOWNSHIP	\$15,325.50
NY	SPRING VALLEY VILLAGE	\$5,200.00
NY	SPRINGVILLE VILLAGE	\$1,272.00
NY	ST JOHNSVILLE VILLAGE	\$1,302.00
NY	STEUBEN COUNTY	\$11,250.00
NY	STONY POINT TOWN	\$8,274.00
NY	SUFFERN VILLAGE	\$5,100.00
NY	SULLIVAN COUNTY	\$6,800.00
NY	TARRYTOWN VILLAGE	\$750.00
NY	TIOGA COUNTY	\$6,300.00
NY	TONAWANDA CITY	\$2,085.00
NY	TRUMANSBURG VILLAGE	\$2,061.69
NY	TUCKAHOE VILLAGE	\$2,337.50
NY	TUPPER LAKE VILLAGE	\$1,050.00
NY	TOWN OF SHAWANGUNK	\$6,076.00
NY	ULSTER TOWN	\$1,988.00
NY	UTICA CITY	\$16,000.00
NY	VERNON VILLAGE	\$1,332.00
NY	VESTAL TOWN	\$9,187.50
NY	WALDEN VILLAGE	\$3,307.50
NY	WALLKILL TOWN	\$3,474.00
NY	WALTON VILLAGE	\$1,284.00
NY	WARWICK TOWN	\$3,093.75
NY	WATERFRONT COMM OF NEW YORK HARBOR	\$3,136.00
NY	WAYNE COUNTY	\$23,295.85
NY	WELLSVILLE VILLAGE	\$1,266.76
NY	WEST SENECA TOWN	\$6,390.00
NY	WESTHAMPTON BEACH VILLAGE	\$4,120.00
NY	WHITE PLAINS CITY	\$17,887.50
NY	WHITESBORO VILLAGE	\$1,464.00
NY	WOODBURY TOWN	\$4,032.00
NY	WOODSTOCK TOWN	\$3,793.40
NY	WYOMING COUNTY	\$2,400.00
NY	YATES COUNTY	\$8,396.00
NY	YORKTOWN TOWN	\$6,000.00
	Totals for NY(203 Jurisdictions):	\$1,047,316.94
OH	AMBERLEY VILLAGE	\$2,781.00
OH	AMHERST CITY	\$1,642.50
OH	ASHLAND COUNTY	\$6,296.78
OH	AURORA CITY	\$5,198.00
OH	AUSTINTOWN TOWNSHIP	\$2,632.00
OH	AVON LAKE CITY	\$7,497.00
OH	BARBERTON CITY	\$4,270.95

OH	BARNESVILLE VILLAGE	\$2,256.00
OH	BATH TOWNSHIP	\$3,200.00
OH	BAY VILLAGE CITY	\$1,162.50
OH	BAZETTA TOWNSHIP	\$679.99
OH	BEACHWOOD CITY	\$4,735.25
OH	BEAVERCREEK CITY	\$4,115.00
OH	BEDFORD HEIGHTS CITY	\$4,000.00
OH	BELLBROOK CITY	\$3,992.50
OH	BELLVILLE VILLAGE	\$731.00
OH	BEXLEY CITY	\$2,192.50
OH	BLUE ASH CITY	\$4,340.88
OH	BOTKINS VILLAGE	\$1,072.88
OH	BOWLING GREEN CITY	\$5,168.99
OH	BRATENAHL VILLAGE	\$7,067.70
OH	BRECKSVILLE CITY	\$9,600.00
OH	BRIMFIELD TOWNSHIP	\$4,794.00
OH	BROOK PARK CITY	\$4,690.50
OH	BROOKVILLE VILLAGE	\$1,680.75
OH	BROWN COUNTY	\$5,207.60
OH	BRUNSWICK CITY	\$7,800.00
OH	BRYAN CITY	\$5,057.50
OH	BUCYRUS CITY	\$7,597.00
OH	BUTLER TOWNSHIP	\$2,101.25
OH	CANAL FULTON VILLAGE	\$1,431.98
OH	CANFIELD CITY	\$5,425.00
OH	CANTON CITY	\$16,600.00
OH	CARROLL VILLAGE	\$3,300.00
OH	CENTERVILLE CITY	\$5,675.00
OH	CHAGRIN FALLS VILLAGE	\$1,743.75
OH	CHAMPAIGN COUNTY	\$10,475.00
OH	CHARDON VILLAGE	\$1,833.00
OH	CHILlicothe CITY	\$5,586.56
OH	CLAY TOWNSHIP	\$1,303.02
OH	CLAYTON VILLAGE	\$1,450.00
OH	CLEAR CREEK TOWNSHIP	\$5,430.00
OH	CLEVELAND HGHTS CITY	\$40,950.00
OH	COLERAIN TOWNSHIP	\$4,137.38
OH	CORTLAND CITY	\$2,399.86
OH	CUYAHOGA FALLS CITY	\$825.00
OH	CUYAHOGA HEIGHTS VILLAGE	\$1,855.50
OH	DEER PARK CITY	\$1,578.00
OH	DEFIANCE CITY	\$2,887.52
OH	DEFIANCE COUNTY	\$4,912.50
OH	DELAWARE CITY	\$5,172.00
OH	DELHI TOWNSHIP	\$4,400.00
OH	DELTA VILLAGE	\$1,860.30
OH	DOYLESTOWN VILLAGE	\$401.50

OH	DUBLIN CITY	\$5,044.50
OH	EAST CLEVELAND CITY	\$15,585.00
OH	EAST PALESTINE CITY	\$2,147.25
OH	ELMORE VILLAGE	\$1,461.00
OH	ENON VILLAGE	\$4,174.50
OH	EUCLID CITY	\$4,773.00
OH	FAIRBORN CITY	\$2,612.00
OH	FAIRFAX VILLAGE	\$1,180.00
OH	FAIRLAWN CITY	\$2,206.38
OH	FAIRVIEW PARK CITY	\$1,193.25
OH	FAYETTE VILLAGE	\$1,183.50
OH	FAYETTEVILLE VILLAGE	\$7,200.00
OH	FINDLAY CITY	\$5,768.99
OH	FOREST PARK CITY	\$2,675.00
OH	FRANKLIN TOWNSHIP	\$3,600.00
OH	FAIRFIELD TOWNSHIP	\$1,956.50
OH	GALLIA COUNTY	\$3,500.00
OH	GALLIPOLIS CITY	\$879.50
OH	GARFIELD HEIGHTS CITY	\$1,905.00
OH	GARRETTSVILLE VILLAGE	\$6,142.80
OH	GEAUGA COUNTY	\$4,624.00
OH	GEAUGA PARK DISTRICT	\$700.00
OH	GENEVA CITY	\$2,092.50
OH	GENOA TOWNSHIP	\$1,743.75
OH	GERMAN TOWNSHIP	\$749.99
OH	GLENWILLOW VILLAGE	\$2,800.00
OH	GOSHEN TOWNSHIP (GOSHEN)	\$597.13
OH	GOSHEN TOWNSHIP (SALEM)	\$1,731.94
OH	GRAFTON VILLAGE	\$1,975.00
OH	GREEN TOWNSHIP	\$3,080.00
OH	GREENHILLS VILLAGE	\$1,815.86
OH	GROVE CITY	\$5,188.75
OH	GROVEPORT VILLAGE	\$2,299.50
OH	HAMILTON CITY	\$11,731.50
OH	HAMILTON TOWNSHIP	\$3,480.12
OH	HANCOCK COUNTY	\$4,139.96
OH	HARDIN COUNTY	\$3,200.00
OH	HARRISON CITY	\$1,550.00
OH	HASKINS VILLAGE	\$1,405.50
OH	HIGHLAND COUNTY	\$1,997.50
OH	HIGHLAND HEIGHTS CITY	\$2,154.00
OH	HILLIARD CITY	\$4,325.00
OH	HILLS AND DALES VILLAGE	\$967.50
OH	HILLSBORO CITY	\$1,627.38
OH	HINCKLEY TOWNSHIP	\$450.00
OH	HOLLAND VILLAGE	\$3,850.00
OH	HOLMES COUNTY	\$2,400.00

OH	HUBER HEIGHTS CITY	\$4,391.26
OH	HUDSON VILLAGE CITY	\$2,165.00
OH	HUNTING VALLEY VILLAGE	\$897.50
OH	HURON CITY	\$892.00
OH	HURON COUNTY	\$6,225.00
OH	KENTON CITY	\$1,254.90
OH	KIRTLAND CITY	\$1,050.00
OH	KIRTLAND HILLS VILLAGE	\$1,195.50
OH	KNOX COUNTY	\$2,820.00
OH	LAKEWOOD CITY	\$6,806.25
OH	LIMA CITY	\$8,770.00
OH	LIVERPOOL TOWNSHIP	\$2,742.50
OH	LOGAN COUNTY	\$1,905.00
OH	LORDSTOWN VILLAGE	\$1,379.98
OH	LOUDONVILLE VILLAGE	\$3,510.00
OH	LOUISVILLE CITY	\$4,389.80
OH	LYNDHURST CITY	\$6,015.00
OH	LIBERTY TOWNSHIP	\$2,343.00
OH	MACEDONIA CITY	\$2,500.00
OH	MADEIRA CITY	\$1,357.50
OH	MADISON COUNTY	\$5,771.60
OH	MADISON TOWNSHIP	\$6,364.00
OH	MANSFIELD CITY	\$11,200.00
OH	MANTUA VILLAGE	\$4,304.30
OH	MARBLEHEAD VILLAGE	\$1,787.49
OH	MARIEMONT VILLAGE	\$1,082.73
OH	MARION CITY	\$6,419.20
OH	MARION TOWNSHIP	\$400.00
OH	MARSHALLVILLE VILLAGE	\$1,200.00
OH	MARYSVILLE CITY	\$4,800.00
OH	MASON CITY	\$5,370.00
OH	MAUMEE CITY	\$4,764.00
OH	MAYFIELD HEIGHTS CITY	\$2,600.00
OH	MEDINA CITY	\$8,346.50
OH	MENTOR CITY	\$14,432.00
OH	MERCER COUNTY	\$3,771.50
OH	MIAMI TOWNSHIP	\$1,504.00
OH	MIDDLEFIELD VILLAGE	\$1,440.00
OH	MIFFLIN TOWNSHIP	\$1,165.50
OH	MILLERSBURG VILLAGE	\$5,404.00
OH	MONROEVILLE VILLAGE	\$1,200.00
OH	MONTGOMERY CITY	\$2,651.46
OH	MONTVILLE TOWNSHIP	\$1,590.00
OH	MORAINES CITY	\$3,327.75
OH	MORELAND HILLS VILLAGE	\$3,825.00
OH	MORROW COUNTY	\$1,875.00
OH	MOUNT VERNON CITY	\$4,193.00

OH	MUNROE FALLS CITY	\$4,399.95
OH	MUSKINGUM COUNTY	\$28,446.00
OH	MILL CREEK METROPOLITAN PARK DISTRICT	\$10,835.00
OH	NAPOLEON CITY	\$2,045.50
OH	NEW BOSTON VILLAGE	\$1,608.79
OH	NEW MIDDLETOWN VILLAGE	\$717.50
OH	NEWARK CITY	\$400.00
OH	NEWTOWN VILLAGE	\$1,600.00
OH	NILES CITY	\$657.25
OH	NORTH COLLEGE HILL CITY	\$6,239.25
OH	NORTH OLMSTED CITY	\$10,800.00
OH	NORTH RIDGEVILLE CITY	\$10,250.00
OH	NORTH ROYALTON CITY	\$4,400.00
OH	NORTHFIELD VILLAGE	\$2,400.00
OH	NORTHWOOD CITY	\$3,659.80
OH	NORTON CITY	\$1,310.00
OH	OAKWOOD CITY	\$3,197.80
OH	OAKWOOD VILLAGE	\$3,200.00
OH	OBERLIN CITY	\$2,400.00
OH	ORANGE VILLAGE	\$1,987.50
OH	OREGON CITY	\$5,100.00
OH	OTTAWA HILLS VILLAGE	\$990.00
OH	OWENSVILLE VILLAGE	\$4,792.00
OH	OXFORD CITY	\$1,632.50
OH	OXFORD TOWNSHIP	\$1,351.25
OH	OLMSTED TOWNSHIP	\$1,970.00
OH	PAINESVILLE CITY	\$5,425.20
OH	PARMA CITY	\$11,460.00
OH	PEPPER PIKE CITY	\$2,400.00
OH	PERKINS TOWNSHIP	\$2,400.00
OH	PERRY TOWNSHIP	\$3,150.00
OH	PERRYSBURG CITY	\$1,600.00
OH	PIERCE TOWNSHIP	\$4,782.60
OH	PIKE COUNTY	\$8,510.50
OH	PIQUA CITY	\$4,794.00
OH	PORTSMOUTH CITY	\$4,000.00
OH	POWELL VILLAGE	\$2,400.00
OH	RAVENNA CITY	\$2,829.90
OH	REMINDERVILLE VILLAGE	\$1,200.00
OH	REYNOLDSBURG CITY	\$2,848.00
OH	RICHMOND HEIGHTS CITY	\$1,580.00
OH	RITTMAN CITY	\$2,000.00
OH	RIVERSIDE CITY	\$3,477.71
OH	ROSSFORD CITY	\$395.00
OH	SAGAMORE HILLS TOWNSHIP	\$2,991.50
OH	SALINE TOWNSHIP	\$3,200.00
OH	SANDUSKY CITY	\$4,000.00

OH	SANDUSKY COUNTY	\$5,599.93
OH	SCIOTO COUNTY	\$2,370.88
OH	SEAMAN VILLAGE	\$2,422.29
OH	SHAKER HEIGHTS CITY	\$5,800.00
OH	SHARONVILLE CITY	\$895.00
OH	SHAWNEE TOWNSHIP	\$1,515.00
OH	SHEFFIELD LAKE CITY	\$6,120.00
OH	SHEFFIELD VILLAGE	\$1,798.90
OH	SHELBY CITY	\$1,042.50
OH	SHELBY COUNTY	\$4,235.85
OH	SIDNEY CITY	\$15,600.00
OH	SILVER LAKE VILLAGE	\$1,199.99
OH	SINCLAIR COMMUNITY COLL	\$2,439.00
OH	SMITH TOWNSHIP	\$2,555.00
OH	SOUTH EUCLID CITY	\$3,187.50
OH	SPRINGDALE CITY	\$2,475.00
OH	SPRINGFIELD CITY	\$10,491.80
OH	SPRINGFIELD TOWNSHIP (CINCINNATI)	\$3,600.00
OH	SPRINGFIELD TOWNSHIP (NEW SPRINGFIELD)	\$1,264.50
OH	STRASBURG VILLAGE	\$1,852.48
OH	STREETSBORO CITY	\$800.00
OH	STRUTHERS CITY	\$3,900.00
OH	SUGARCREEK TOWNSHIP	\$2,271.50
OH	SYLVANIA CITY	\$5,947.50
OH	TORONTO CITY	\$1,229.25
OH	TRENTON CITY	\$3,080.00
OH	TUSCARAWAS COUNTY	\$5,785.00
OH	TWINSBURG CITY	\$3,640.00
OH	TALLMADGE	\$2,799.97
OH	UNION COUNTY	\$12,444.21
OH	UNION TOWNSHIP	\$4,100.00
OH	UNIVERSITY HEIGHTS CITY	\$1,797.00
OH	UPPER ARLINGTON CITY	\$6,488.70
OH	URBANA CITY	\$1,200.00
OH	UTICA VILLAGE	\$5,570.91
OH	UNIONTOWN	\$702.50
OH	VALLEY VIEW VILLAGE	\$1,800.00
OH	VAN WERT COUNTY	\$18,829.38
OH	VANDALIA CITY	\$2,625.00
OH	WADSWORTH CITY	\$3,200.00
OH	WARREN CITY	\$2,550.00
OH	WASHINGTON COUNTY	\$3,520.00
OH	WAUSEON CITY	\$1,365.50
OH	WEATHERSFIELD TOWNSHIP	\$5,258.00
OH	WELLINGTON VILLAGE	\$1,717.50
OH	WEST CHESTER TOWNSHIP	\$10,400.00
OH	WEST LAFAYETTE VILLAGE	\$1,083.00

OH	WEST SALEM VILLAGE	\$1,230.00
OH	WEST UNITY VILLAGE	\$1,461.50
OH	WESTERVILLE CITY	\$2,000.00
OH	WESTLAKE CITY	\$7,609.00
OH	WHITEHALL CITY	\$11,250.00
OH	WICKLIFFE CITY	\$2,800.00
OH	WILLIAMS COUNTY	\$1,767.50
OH	WILLIAMSBURG VILLAGE	\$1,360.00
OH	WILLOUGHBY CITY	\$1,536.00
OH	WILLOUGHBY HILLS CITY	\$3,951.20
OH	WILLOWICK CITY	\$440.65
OH	WILMINGTON CITY	\$2,000.00
OH	WINCHESTER VILLAGE	\$298.92
OH	WOODLAWN VILLAGE	\$1,629.00
OH	WORTHINGTON CITY	\$5,327.56
OH	WYANDOT COUNTY	\$3,690.00
OH	WATERVILLE TOWNSHIP	\$1,005.00
OH	XENIA CITY	\$2,400.00
OH	YOUNGSTOWN CITY	\$12,400.00
OH	ZANESVILLE CITY	\$16,771.95
	Totals for OH(262 Jurisdictions):	\$1,039,792.48
OK	ADA CITY	\$1,448.00
OK	ARDMORE CITY	\$3,082.00
OK	BARTLESVILLE CITY	\$7,699.89
OK	BIXBY CITY	\$5,047.68
OK	CANADIAN COUNTY	\$5,114.05
OK	CLAREMORE CITY	\$4,800.00
OK	CLINTON CITY	\$1,463.00
OK	COLLINSVILLE CITY	\$1,393.00
OK	COWETA CITY	\$6,616.75
OK	CUSTER COUNTY	\$4,563.95
OK	EDMOND CITY	\$39,975.00
OK	ENID CITY	\$9,770.00
OK	FAIRVIEW CITY	\$3,247.95
OK	MAJOR COUNTY	\$1,104.00
OK	MAYES COUNTY	\$3,965.00
OK	MCALESTER CITY	\$2,179.00
OK	MOORE CITY	\$4,122.00
OK	MUSTANG CITY	\$3,020.00
OK	NOBLE CITY	\$687.00
OK	OKLAHOMA	\$177,569.86
OK	OSAGE COUNTY	\$9,134.86
OK	OWASSO CITY	\$1,741.25
OK	PERKINS TOWN	\$1,835.00
OK	PONCA CITY	\$3,060.00
OK	SALLISAW CITY	\$2,775.00
OK	SAND SPRINGS CITY	\$4,125.00

OK	SHAWNEE CITY	\$1,580.00
OK	STILLWATER CITY	\$33,570.00
OK	STROUD CITY	\$1,044.75
OK	TAHLEQUAH CITY	\$3,375.00
OK	TECUMSEH CITY	\$3,960.00
OK	THE VILLAGE CITY	\$2,058.00
OK	TONKAWA TRIBE OF OKLAHOMA	\$1,885.00
	Totals for OK(33 Jurisdictions):	\$357,011.99
OR	ALBANY CITY	\$9,375.00
OR	ASHLAND CITY	\$7,670.00
OR	ASTORIA CITY	\$1,646.00
OR	AUMSVILLE CITY	\$1,600.00
OR	BEND CITY	\$6,108.00
OR	BLACK BUTTE	\$1,200.00
OR	CENTRAL POINT CITY	\$5,185.00
OR	COBURG CITY	\$4,875.00
OR	CONFEDERATED TRIBES OF THE UMATILLA RESERVATION	\$3,712.50
OR	COOS BAY CITY	\$2,752.50
OR	COOS COUNTY	\$6,500.00
OR	CORVALLIS CITY	\$6,800.00
OR	COTTAGE GROVE CITY	\$910.00
OR	CURRY COUNTY	\$3,708.00
OR	DALLAS CITY	\$2,000.00
OR	FLORENCE CITY	\$3,800.00
OR	GRANTS PASS CITY	\$13,005.00
OR	HERMISTON CITY	\$3,525.00
OR	HOOD RIVER CITY	\$1,950.00
OR	HUBBARD CITY	\$1,590.00
OR	INDEPENDENCE CITY	\$2,000.00
OR	JACKSONVILLE CITY	\$1,222.50
OR	JEFFERSON COUNTY	\$16,345.00
OR	JOSEPHINE COUNTY	\$10,160.00
OR	KLAMATH COUNTY	\$3,207.50
OR	LA GRANDE CITY	\$725.00
OR	LINCOLN COUNTY	\$16,000.00
OR	MCMINNVILLE CITY	\$3,750.00
OR	MOLALLA CITY	\$1,950.00
OR	MONMOUTH TOWN	\$1,999.98
OR	MOUNT ANGEL CITY	\$2,875.00
OR	NEWBERG CITY	\$3,607.50
OR	NORTH BEND CITY	\$1,570.00
OR	OREGON CITY	\$2,275.00
OR	PENDLETON CITY	\$2,262.72
OR	ROCKAWAY BEACH CITY	\$1,192.50
OR	ROSEBURG CITY	\$5,215.00
OR	SCAPPOOSE CITY	\$1,350.00
OR	SILVERTON CITY	\$1,376.99

OR	SPRINGFIELD CITY	\$8,828.73
OR	STAYTON CITY	\$2,757.50
OR	SWEET HOME CITY	\$1,514.99
OR	THE DALLES CITY	\$875.00
OR	TUALATIN CITY	\$2,189.85
OR	UNION COUNTY	\$4,331.00
OR	WARRENTON CITY	\$2,000.00
OR	WASCO COUNTY	\$4,478.78
OR	WOODBURN CITY	\$2,000.00
	Totals for OR(48 Jurisdictions):	\$195,972.54
PA	ABINGTON TOWNSHIP	\$5,183.23
PA	ALBURTIS BOROUGH	\$1,890.93
PA	ALTOONA CITY	\$6,562.50
PA	AMBRIDGE BOROUGH	\$7,665.00
PA	ARMSTRONG COUNTY	\$2,522.20
PA	ATHENS BOROUGH	\$710.00
PA	ATHENS TOWNSHIP	\$5,187.46
PA	BALDWIN BOROUGH	\$9,592.00
PA	BALDWIN TOWNSHIP	\$1,800.00
PA	BEAVER BOROUGH	\$4,000.00
PA	BEAVER FALLS CITY	\$6,091.78
PA	BELLEFONTE BOROUGH	\$2,312.50
PA	BENSALEM TOWNSHIP	\$12,017.50
PA	BERWICK BOROUGH	\$3,500.00
PA	BETHEL PARK MUNICIPALITY	\$1,425.00
PA	BETHEL TOWNSHIP (BETHEL)	\$1,200.00
PA	BETHEL TOWNSHIP (GARNET VALLEY)	\$3,321.23
PA	BETHLEHEM CITY	\$17,140.00
PA	BIRMINGHAM TOWNSHIP	\$1,506.53
PA	BLAWNOX BOROUGH	\$575.00
PA	BLOOMSBURG TOWN	\$6,249.53
PA	BRADDOCK HILLS BOROUGH	\$4,900.00
PA	BRISTOL BOROUGH	\$1,713.90
PA	BRISTOL TOWNSHIP	\$6,270.00
PA	BROCKWAY BOROUGH	\$1,500.00
PA	BROOKHAVEN BOROUGH	\$2,034.50
PA	BUCKINGHAM TOWNSHIP	\$1,669.07
PA	BUFFALO TOWNSHIP	\$2,000.00
PA	BUSHKILL TOWNSHIP	\$1,100.00
PA	BUTLER CITY	\$9,200.00
PA	BUTLER TOWNSHIP (BUTLER)	\$1,550.00
PA	BUTLER TOWNSHIP (DRUMS)	\$3,387.00
PA	CARBONDALE CITY	\$4,800.00
PA	CARLISLE BOROUGH	\$4,522.50
PA	CARROLL TOWNSHIP (DILLSBURG)	\$480.00
PA	CARROLL TOWNSHIP (MONONGAHELA)	\$1,235.36
PA	CARROLL VALLEY BOROUGH	\$2,142.50

PA	CARROLLTOWN BOROUGH	\$3,180.00
PA	CENTER TOWNSHIP	\$7,600.00
PA	CENTRAL BUCKS REGIONAL POLICE DEPT	\$7,629.00
PA	CHARTIERS TOWNSHIP	\$4,825.00
PA	CHELTENHAM TOWNSHIP	\$5,190.00
PA	CHRISTIANA BOROUGH	\$1,582.82
PA	CLARION BOROUGH	\$3,587.50
PA	CLAY TOWNSHIP	\$1,264.00
PA	COAL TOWNSHIP	\$2,025.00
PA	COATESVILLE CITY	\$5,625.00
PA	COLEBROOKDALE TOWNSHIP	\$482.02
PA	COLLINGDALE BOROUGH	\$2,459.70
PA	COLUMBIA BOROUGH	\$1,425.00
PA	CONEWAGO TOWNSHIP	\$1,110.31
PA	CONEWAGO TOWNSHIP	\$2,185.00
PA	CONSHOHOCKEN BOROUGH	\$1,259.00
PA	CORNWALL BOROUGH	\$1,928.10
PA	CORNWALL-LEBANON JOINT SCHOOL DISTRICT AUTHORITY	\$1,025.00
PA	CORRY CITY	\$2,987.50
PA	CRANBERRY TOWNSHIP	\$4,175.00
PA	CRAWFORD COUNTY	\$5,412.78
PA	COLONIAL REGIONAL POLICE DEPARTMENT	\$3,788.25
PA	DALLAS TOWNSHIP	\$4,400.00
PA	DANVILLE BOROUGH	\$1,200.00
PA	DARBY BOROUGH	\$4,125.00
PA	DELMONT BOROUGH	\$400.00
PA	DERRY TOWNSHIP	\$1,000.00
PA	DOUGLASS TOWNSHIP	\$1,200.00
PA	DOVER TOWNSHIP	\$2,583.00
PA	DOWNINGTOWN BOROUGH	\$1,711.26
PA	DUBLIN BOROUGH	\$1,109.00
PA	DUNCANSVILLE BOROUGH	\$1,460.00
PA	EAST FRANKLIN TOWNSHIP	\$400.00
PA	EAST HEMPFIELD TOWNSHIP	\$3,640.00
PA	EAST NORRITON TOWNSHIP	\$2,327.16
PA	EAST PENNSBORO TOWNSHIP	\$7,113.06
PA	EAST PIKELAND TOWNSHIP	\$861.00
PA	EAST VINCENT TOWNSHIP	\$775.72
PA	EAST WHITELAND TOWNSHIP	\$8,500.00
PA	EASTERN PIKE REGIONAL POLICE	\$990.00
PA	EASTON CITY	\$2,315.95
PA	EDDYSTONE BOROUGH	\$1,807.21
PA	ELIZABETH BOROUGH	\$3,949.50
PA	ELIZABETHTOWN BOROUGH	\$1,290.00
PA	ELK COUNTY	\$1,300.50
PA	EMMAUS BOROUGH	\$2,427.50
PA	EPHRATA BOROUGH	\$6,400.00

PA	EAST FALLOWFIELD TOWNSHIP	\$1,050.00
PA	FAIRVIEW TOWNSHIP	\$4,976.30
PA	FARRELL CITY	\$937.50
PA	FINDLAY TOWNSHIP	\$1,600.00
PA	FLEETWOOD BOROUGH	\$2,738.00
PA	FOUNTAIN HILL BOROUGH	\$1,423.50
PA	FRANCONIA TOWNSHIP	\$2,485.20
PA	FRANKLIN TOWNSHIP	\$400.00
PA	GREAT BEND BOROUGH	\$400.00
PA	GROVE CITY BOROUGH	\$1,715.00
PA	HAMPTON TOWNSHIP	\$8,800.00
PA	HANOVER BOROUGH	\$4,198.50
PA	HARRISBURG CITY	\$35,687.50
PA	HATBORO BOROUGH	\$3,825.00
PA	HATFIELD TOWNSHIP	\$3,967.92
PA	HAVERFORD TOWNSHIP	\$6,763.75
PA	HAZLETON CITY	\$4,800.00
PA	HELLERTOWN BOROUGH	\$2,512.50
PA	HEMLOCK TOWNSHIP	\$1,668.00
PA	HERMITAGE CITY	\$795.50
PA	HIGHSPIRE BOROUGH	\$1,612.50
PA	HILLTOWN TOWNSHIP	\$1,873.50
PA	HOMESTEAD BOROUGH	\$6,000.00
PA	HOPEWELL TOWNSHIP	\$7,200.00
PA	HORSHAM TOWNSHIP	\$1,252.35
PA	HULMEVILLE BOROUGH	\$1,511.25
PA	HARRISBURG INTERNATIONAL AIRPORT	\$1,657.50
PA	INDIANA TOWNSHIP	\$5,534.55
PA	IRWIN BOROUGH	\$2,189.95
PA	JACKSON TOWNSHIP	\$3,565.00
PA	JEFFERSON BOROUGH	\$3,640.00
PA	JENKINTOWN BOROUGH	\$5,540.00
PA	JUNIATA COUNTY	\$3,000.00
PA	KINGSTON BOROUGH	\$7,312.50
PA	KISKIMINETAS TOWNSHIP	\$2,240.00
PA	LANCASTER TOWNSHIP	\$1,260.00
PA	LANSDOWNE BOROUGH	\$1,308.25
PA	LATROBE BOROUGH	\$5,160.00
PA	LAWRENCE COUNTY	\$19,831.00
PA	LAWRENCE TOWNSHIP	\$3,600.00
PA	LEBANON CITY	\$3,600.00
PA	LEECHBURG BOROUGH	\$2,000.00
PA	LEWISTOWN BOROUGH	\$2,420.00
PA	LINCOLN BOROUGH	\$2,400.00
PA	LINESVILLE BOROUGH	\$799.95
PA	LITITZ BOROUGH	\$1,700.00
PA	LOCK HAVEN CITY	\$1,440.00

PA	LOWER FREDERICK TOWNSHIP	\$1,093.40
PA	LOWER MAKEFIELD TOWNSHIP	\$2,439.00
PA	LOWER MERION TOWNSHIP	\$13,062.50
PA	LOWER MORELAND TOWNSHIP	\$1,493.00
PA	LOWER POTTSBORO TOWNSHIP	\$3,102.88
PA	LOWER PROVIDENCE TOWNSHIP	\$1,845.13
PA	LOWER SAUCON TOWNSHIP	\$3,013.50
PA	MAHANOEY CITY BOROUGH	\$4,800.00
PA	MAIDEN CREEK TOWNSHIP	\$557.63
PA	MALVERN BOROUGH	\$1,710.00
PA	MANHEIM TOWNSHIP	\$14,610.75
PA	MANOR TOWNSHIP	\$5,823.61
PA	MANSFIELD BOROUGH	\$2,800.00
PA	MARCUS HOOK BOROUGH	\$1,600.00
PA	MARLBOROUGH TOWNSHIP	\$1,462.50
PA	MARPLE TOWNSHIP	\$1,861.25
PA	MCCANDLESS TOWN	\$7,475.00
PA	MIDDLETOWN TOWNSHIP	\$2,524.00
PA	MIFFLIN COUNTY	\$4,500.00
PA	MIFFLINBURG BOROUGH	\$1,600.00
PA	MILFORD BOROUGH	\$3,600.00
PA	MILLCREEK TOWNSHIP (ERIE)	\$6,985.00
PA	MILLCREEK TOWNSHIP (NEWMANSTOWN)	\$2,998.00
PA	MILLERSVILLE BOROUGH	\$1,200.00
PA	MILTON BOROUGH	\$2,156.00
PA	MONTOURSVILLE BOROUGH	\$1,048.98
PA	MOON TOWNSHIP	\$9,337.13
PA	MORTON BOROUGH	\$3,600.00
PA	MOUNT OLIVER BOROUGH	\$1,600.00
PA	MUHLENBERG TOWNSHIP	\$5,517.32
PA	MUNCY BOROUGH	\$1,050.00
PA	MURRYSVILLE MUNICIPALITY	\$3,500.00
PA	MOUNT CARMEL BOROUGH	\$825.00
PA	NESHANNOCK TOWNSHIP	\$1,425.00
PA	NETHER PROVIDENCE TOWNSHIP	\$1,134.56
PA	NEW BETHLEHEM BOROUGH	\$2,700.00
PA	NEW BRITAIN TOWNSHIP	\$2,340.00
PA	NEW HANOVER TOWNSHIP	\$399.50
PA	NEW HOPE BOROUGH	\$2,816.50
PA	NEWBERRY TOWNSHIP	\$4,282.70
PA	NEWTOWN TOWNSHIP (NEWTOWN)	\$2,087.25
PA	NEWTOWN TOWNSHIP (NEWTOWN SQUARE)	\$2,561.25
PA	NORRISTOWN BOROUGH	\$13,350.00
PA	NORTH CORNWALL TOWNSHIP	\$3,600.00
PA	NORTH COVENTRY TOWNSHIP	\$3,963.72
PA	NORTH EAST BOROUGH	\$4,000.00
PA	NORTH FRANKLIN TOWNSHIP	\$1,739.18

PA	NORTH LONDONDERRY TOWNSHIP	\$1,558.32
PA	NORTH WALES BOROUGH	\$1,163.58
PA	NORTHAMPTON BOROUGH	\$1,483.50
PA	NORTHAMPTON TOWNSHIP	\$4,026.54
PA	NORTHERN CAMBRIA BOROUGH	\$1,600.00
PA	NORTHUMBERLAND COUNTY	\$3,995.44
PA	NORTH STRABANE TOWNSHIP	\$3,200.00
PA	NORTHWEST REGIONAL POLICE	\$1,680.00
PA	OXFORD BOROUGH	\$2,229.42
PA	PALMER TOWNSHIP	\$6,600.00
PA	PALMERTON BOROUGH	\$861.00
PA	PALMYRA BOROUGH	\$2,056.00
PA	PATTON BOROUGH	\$1,600.00
PA	PATTON TOWNSHIP	\$3,003.00
PA	PENN HILLS MUNICIPALITY	\$8,250.00
PA	PENN TOWNSHIP (HANOVER)	\$2,500.00
PA	PENN TOWNSHIP (IRWIN)	\$2,460.00
PA	PENNDDEL BOROUGH	\$2,087.25
PA	PERKASIE BOROUGH	\$1,754.00
PA	PHOENIXVILLE BOROUGH	\$5,703.82
PA	PLAINFIELD TOWNSHIP	\$2,756.50
PA	PLEASANT HILLS BOROUGH	\$7,199.91
PA	PLUMSTEAD TOWNSHIP	\$1,591.14
PA	PLYMOUTH TOWNSHIP	\$3,600.00
PA	POCONO TOWNSHIP	\$5,500.00
PA	POINT TOWNSHIP	\$2,290.18
PA	PORTAGE BOROUGH	\$476.00
PA	POTTSTOWN BOROUGH	\$2,868.00
PA	POTTSVILLE CITY	\$1,220.84
PA	PUNXSUTAWNEY BOROUGH	\$4,400.00
PA	POCONO MOUNTAIN REGIONAL POLICE COMMISSION	\$5,850.00
PA	QUAKERTOWN BOROUGH	\$3,140.00
PA	READING CITY	\$15,229.20
PA	RIDLEY PARK BOROUGH	\$4,400.00
PA	ROBESON TOWNSHIP	\$3,200.00
PA	ROBINSON TOWNSHIP	\$4,000.00
PA	ROCHESTER TOWNSHIP	\$4,625.00
PA	ROCKLEDGE BOROUGH	\$2,000.00
PA	ROSS TOWNSHIP	\$1,678.00
PA	RICHLAND TOWNSHIP	\$2,173.90
PA	SADSBURY TOWNSHIP	\$1,661.36
PA	SALISBURY TOWNSHIP	\$3,600.00
PA	SANDY TOWNSHIP	\$800.00
PA	SELLERSVILLE BOROUGH	\$1,681.27
PA	SHAMOKIN CITY	\$800.00
PA	SHENANGO TOWNSHIP	\$1,952.50
PA	SILVER SPRING TOWNSHIP	\$2,639.29

PA	SOLEBURY TOWNSHIP	\$1,163.58
PA	SOMERSET COUNTY	\$882.60
PA	SOUTH BEAVER TOWNSHIP	\$3,600.00
PA	SOUTH BUFFALO TOWNSHIP	\$800.00
PA	SOUTH LEBANON TOWNSHIP	\$3,200.00
PA	SOUTH PARK TOWNSHIP	\$5,600.00
PA	SOUTH STRABANE TOWNSHIP	\$2,437.50
PA	SOUTH WEST GREENSBURG BOROUGH	\$5,200.00
PA	SOUTH WILLIAMSPORT BOROUGH	\$330.00
PA	SOUTHERN CHESTER COUNTY REGIONAL	\$2,785.00
PA	SPRING GARDEN TOWNSHIP	\$4,170.00
PA	SPRING TOWNSHIP (BELLEFONTE)	\$463.00
PA	SPRING TOWNSHIP (READING)	\$1,790.00
PA	SPRINGETTSBURY TOWNSHIP	\$3,762.50
PA	SPRINGFIELD TOWNSHIP	\$4,458.00
PA	STRASBURG BOROUGH	\$2,090.00
PA	STROUD AREA REGIONAL POLICE DEPARTMENT	\$5,700.00
PA	SUGARCREEK BOROUGH	\$2,260.00
PA	SUMMIT HILL BOROUGH	\$544.50
PA	SUSQUEHANNA TOWNSHIP	\$4,065.45
PA	TARENTUM BOROUGH	\$3,600.00
PA	TELFORD BOROUGH	\$1,954.00
PA	TOWAMENCIN TOWNSHIP	\$3,976.32
PA	TREDYFFRIN TOWNSHIP	\$4,994.33
PA	TYRONE BOROUGH	\$1,500.00
PA	TIADAGHTON VALLEY REGIONAL POLICE DEPARTMENT	\$2,264.97
PA	UNION CITY BOROUGH	\$800.00
PA	UNIONTOWN CITY	\$6,596.64
PA	UPLAND BOROUGH	\$2,162.50
PA	UPPER DARBY TOWNSHIP	\$10,875.00
PA	UPPER DUBLIN TOWNSHIP	\$3,090.00
PA	UPPER MAKEFIELD TOWNSHIP	\$780.00
PA	UPPER MERION TOWNSHIP	\$7,080.00
PA	UPPER SOUTHAMPTON TOWNSHIP	\$955.00
PA	UPPER PERK POLICE DISTRICT	\$1,143.04
PA	VALLEY TOWNSHIP	\$4,264.95
PA	VENANGO COUNTY	\$475.00
PA	VERONA BOROUGH	\$2,400.00
PA	WARMINSTER TOWNSHIP	\$3,163.84
PA	WARREN CITY	\$3,975.00
PA	WARREN COUNTY	\$7,834.09
PA	WARRINGTON TOWNSHIP	\$2,879.88
PA	WASHINGTON TOWNSHIP (BANGOR)	\$399.50
PA	WASHINGTON TOWNSHIP (WAYNESBORO)	\$2,010.00
PA	WAYNESBORO BOROUGH	\$1,249.85
PA	WEATHERLY BOROUGH	\$2,000.00
PA	WEST BRANDYWINE TOWNSHIP	\$885.98

PA	WEST CHESTER BOROUGH	\$4,123.44
PA	WEST CONSHOHOCKEN BOROUGH	\$4,225.00
PA	WEST DEER TOWNSHIP	\$4,216.00
PA	WEST GOSHEN TOWNSHIP	\$2,824.95
PA	WEST HAZLETON BOROUGH	\$2,440.00
PA	WEST HEMPFIELD TOWNSHIP	\$1,600.00
PA	WEST LAMPETER TOWNSHIP	\$674.43
PA	WEST MEAD TOWNSHIP	\$2,780.00
PA	WEST NORRITON TOWNSHIP	\$1,435.31
PA	WEST SHORE REGIONAL POLICE DEPARTMENT	\$3,200.00
PA	WEST VINCENT TOWNSHIP	\$438.00
PA	WEST WHITELAND TOWNSHIP	\$2,700.00
PA	WESTMONT BOROUGH	\$8,800.00
PA	WHITEHALL BOROUGH	\$6,400.00
PA	WHITEMARSH TOWNSHIP	\$3,540.00
PA	WHITPAIN TOWNSHIP	\$1,521.00
PA	WILKINS TOWNSHIP	\$4,800.00
PA	WILSON BOROUGH	\$5,568.00
PA	WESTERN BERKS REGIONAL POLICE DEPT	\$1,274.99
PA	YEADON BOROUGH	\$2,405.00
PA	YORK CITY	\$10,578.75
PA	YORK AREA REGIONAL	\$2,773.18
	Totals for PA(294 Jurisdictions):	\$1,006,647.80
PR	ARECIBO MUNICIPALITY	\$16,950.00
PR	MUNICIPALITY OF MOCA	\$8,400.00
	Totals for PR(2 Jurisdictions):	\$25,350.00
RI	BRISTOL TOWN	\$2,385.00
RI	BURRILLVILLE TOWN	\$7,750.00
RI	CENTRAL FALLS CITY	\$2,712.50
RI	COVENTRY TOWN	\$8,750.00
RI	CUMBERLAND TOWN	\$5,425.00
RI	GLOCESTER TOWN	\$2,250.00
RI	JAMESTOWN TOWN	\$1,342.50
RI	JOHNSTON TOWN	\$5,425.00
RI	LINCOLN TOWN	\$3,875.00
RI	LITTLE COMPTON TOWN	\$1,262.75
RI	NARRAGANSETT TOWN	\$4,027.50
RI	NEW SHOREHAM TOWN	\$1,566.99
RI	NEWPORT CITY	\$12,866.75
RI	NORTH PROVIDENCE TOWN	\$8,000.00
RI	PORTSMOUTH TOWN	\$2,535.00
RI	RICHMOND TOWN	\$2,475.00
RI	SCITUATE TOWN	\$1,500.00
RI	SOUTH KINGSTOWN TOWN	\$9,200.00
RI	SMITHFIELD	\$3,487.50
RI	WARWICK CITY	\$19,450.00
RI	WEST WARWICK TOWN	\$2,955.00

RI	WESTERLY TOWN	\$12,000.00
RI	WOONSOCKET CITY	\$12,400.00
	Totals for RI(23 Jurisdictions):	\$133,641.49
SC	AIKEN CITY	\$7,798.54
SC	ANDERSON CITY	\$10,850.87
SC	BAMBERG COUNTY	\$6,800.00
SC	BARNWELL CITY	\$1,890.00
SC	BATESBURG-LEESVILLE TOWN	\$3,781.35
SC	BEAUFORT CITY	\$5,118.10
SC	BELTON CITY	\$2,486.68
SC	BLUFFTON TOWN	\$5,088.00
SC	CALHOUN COUNTY	\$4,000.00
SC	CAYCE CITY	\$7,196.23
SC	CHESTER COUNTY	\$2,399.37
SC	CLARENDON COUNTY	\$2,595.50
SC	COLLETON COUNTY	\$23,391.50
SC	COLUMBIA CITY	\$33,459.32
SC	CONWAY	\$3,990.60
SC	DARLINGTON COUNTY	\$6,793.20
SC	DORCHESTER COUNTY	\$17,198.51
SC	FLORENCE CITY	\$18,846.96
SC	FORT LAWN TOWN	\$1,970.00
SC	GEORGETOWN CITY	\$2,140.00
SC	GREENVILLE CITY	\$26,080.00
SC	GREENWOOD CITY	\$5,094.50
SC	GREENWOOD COUNTY	\$2,800.00
SC	GREER CITY	\$1,895.65
SC	HAMPTON COUNTY	\$19,225.00
SC	HANAHAN CITY	\$4,096.98
SC	HARTSVILLE CITY	\$1,289.00
SC	HORRY COUNTY	\$23,908.01
SC	IRMO TOWN	\$3,289.56
SC	LAKE CITY	\$9,588.00
SC	LANCASTER COUNTY	\$3,482.23
SC	LEE COUNTY	\$12,096.50
SC	LORIS CITY	\$3,948.00
SC	MAULDIN CITY	\$5,558.31
SC	MOUNT PLEASANT TOWN	\$14,782.50
SC	NEWBERRY CITY	\$1,505.13
SC	NEWBERRY COUNTY	\$3,475.00
SC	NORTH AUGUSTA CITY	\$7,620.77
SC	NORTH MYRTLE BEACH CITY	\$19,260.00
SC	ORANGEBURG CITY	\$5,867.56
SC	OCONEE COUNTY	\$4,770.00
SC	PICKENS COUNTY	\$7,225.21
SC	PORT ROYAL TOWN	\$3,524.50
SC	RICHLAND COUNTY	\$36,600.70

SC	ROCK HILL CITY	\$19,149.10
SC	SANTEE TOWN	\$2,042.50
SC	SOUTH CAROLINA	\$273,106.42
SC	SPARTANBURG CITY	\$12,051.00
SC	SPARTANBURG COUNTY	\$67,124.19
SC	SULLIVAN'S ISLAND TOWN	\$4,792.50
SC	SUMMERVILLE TOWN	\$9,228.75
SC	SUMTER CITY	\$12,725.00
SC	TEGA CAY CITY	\$2,295.00
SC	TRAVELERS REST CITY	\$1,456.85
SC	WALTERBORO CITY	\$1,885.40
SC	WILLIAMSTON TOWN	\$4,253.00
SC	YEMASSEE TOWN	\$3,600.00
	Totals for SC(57 Jurisdictions):	\$808,487.55
SD	ABERDEEN CITY	\$3,242.88
SD	BUTTE COUNTY	\$400.00
SD	CHARLES MIX COUNTY	\$1,348.50
SD	EDMUNDS COUNTY	\$450.00
SD	HURON CITY	\$4,245.00
SD	JEFFERSON CITY	\$800.00
SD	LINCOLN COUNTY	\$2,460.00
SD	MILLER CITY	\$1,586.64
SD	RAPID CITY	\$12,180.00
SD	SISSETON CITY	\$1,445.00
SD	UNION COUNTY	\$800.00
SD	VERMILLION CITY	\$1,800.00
SD	YANKTON COUNTY	\$1,762.50
	Totals for SD(13 Jurisdictions):	\$32,520.52
TN	ALCOA CITY	\$3,572.00
TN	ALGOOD CITY	\$2,650.00
TN	ATHENS CITY	\$4,448.50
TN	BRISTOL CITY	\$5,624.00
TN	BROWNSVILLE CITY	\$3,810.00
TN	BARTLETT	\$9,120.00
TN	CARROLL COUNTY	\$4,122.00
TN	CARTER COUNTY	\$5,100.00
TN	CENTERVILLE TOWN	\$5,145.00
TN	CLEVELAND CITY	\$9,520.00
TN	CLINTON CITY	\$2,100.00
TN	COLLIERVILLE TOWN	\$4,388.90
TN	COLUMBIA CITY	\$7,140.00
TN	COOKEVILLE CITY	\$6,479.06
TN	CORNSVILLE TOWN	\$647.85
TN	CROSSVILLE CITY	\$6,700.00
TN	CRUMP TOWN	\$1,191.26
TN	DAYTON CITY	\$4,312.50
TN	DICKSON CITY	\$7,700.00

TN	DUNLAP CITY	\$1,450.00
TN	DYER CITY	\$1,600.00
TN	DYERSBURG CITY	\$3,630.00
TN	ELIZABETHTON CITY	\$6,800.00
TN	ENGLEWOOD TOWN	\$2,023.50
TN	FAIRVIEW CITY	\$1,702.50
TN	FAYETTEVILLE CITY	\$10,000.00
TN	GALLATIN CITY	\$4,600.00
TN	GERMANTOWN CITY	\$6,875.00
TN	GOODLETTSVILLE CITY	\$3,675.00
TN	GRAINGER COUNTY	\$2,587.50
TN	GREENE COUNTY	\$4,845.00
TN	GREENEVILLE TOWN	\$6,360.00
TN	GREENFIELD TOWN	\$2,385.00
TN	GRUNDY COUNTY	\$3,765.00
TN	HAMBLÉN COUNTY	\$16,400.00
TN	HAMILTON COUNTY	\$20,601.08
TN	HAYWOOD COUNTY	\$1,225.00
TN	HENDERSONVILLE CITY	\$7,410.00
TN	HICKMAN COUNTY	\$4,410.00
TN	HOHENWALD CITY	\$850.00
TN	HUMBOLDT CITY	\$1,460.00
TN	JACKSBORO TOWN	\$1,250.00
TN	JACKSON CITY	\$5,225.00
TN	JEFFERSON CITY	\$10,543.00
TN	JOHNSON CITY	\$7,357.50
TN	JONESBOROUGH TOWN	\$5,751.00
TN	KINGSPORT CITY	\$9,720.00
TN	KNOX COUNTY	\$53,698.63
TN	LA FOLLETTE CITY	\$1,380.00
TN	LAKE CITY	\$2,187.50
TN	LAVERGNE CITY	\$14,000.00
TN	LEBANON CITY	\$21,547.00
TN	LEWISBURG CITY	\$2,250.00
TN	MANCHESTER CITY	\$3,400.00
TN	MARSHALL COUNTY	\$2,358.75
TN	MARTIN CITY	\$879.00
TN	MAURY COUNTY	\$5,947.50
TN	MCKENZIE CITY	\$1,300.00
TN	MEIGS COUNTY	\$8,882.03
TN	MEMPHIS CITY	\$65,079.02
TN	MILAN CITY	\$3,825.00
TN	MOUNT PLEASANT CITY	\$1,885.00
TN	MOUNTAIN CITY TOWN	\$3,039.12
TN	NEWPORT CITY	\$2,040.00
TN	NORRIS CITY	\$2,012.50
TN	OAKLAND TOWN	\$5,400.00

TN	OBION COUNTY	\$10,616.00
TN	OLIVER SPRINGS TOWN	\$3,162.50
TN	OVERTON COUNTY	\$4,531.50
TN	PARIS CITY	\$1,872.50
TN	PIGEON FORGE CITY	\$6,187.50
TN	PULASKI CITY	\$2,240.00
TN	PUTNAM COUNTY	\$5,700.00
TN	ROBERTSON COUNTY	\$6,650.00
TN	ROANE COUNTY GOVERNMENT	\$5,625.00
TN	SCOTT COUNTY	\$2,437.00
TN	SEVIER COUNTY	\$9,992.94
TN	SHELBYVILLE CITY	\$4,875.00
TN	SMYRNA TOWN	\$7,205.00
TN	SPRING HILL TOWN	\$5,145.00
TN	SULLIVAN COUNTY	\$2,259.33
TN	SWEETWATER CITY	\$8,337.50
TN	TENNESSEE	\$32,960.84
TN	TIPTON COUNTY	\$9,025.00
TN	TRENTON CITY	\$1,600.00
TN	TULLAHOMA CITY	\$2,040.00
TN	WASHINGTON COUNTY	\$14,771.65
TN	WHITE HOUSE CITY	\$1,210.00
TN	WHITE PINE TOWN	\$3,250.00
TN	WINCHESTER CITY	\$2,725.00
TN	SPRINGFIELD	\$2,275.00
	Totals for TN(91 Jurisdictions):	\$606,077.46
TX	ADDISON TOWN	\$21,913.18
TX	ALAMO COMM COLLEGE DISTRICT	\$3,214.68
TX	ALAMO HEIGHTS CITY	\$1,750.00
TX	ALICE CITY	\$1,608.00
TX	ALVIN CITY	\$4,375.00
TX	ALVIN IND SCH DIST 901	\$1,900.00
TX	ANGELINA COUNTY	\$7,150.00
TX	ANNA CITY	\$2,800.00
TX	ARLINGTON CITY	\$65,199.00
TX	ATHENS CITY	\$16,000.00
TX	AUSTIN COUNTY	\$4,287.15
TX	AUSTIN COMMUNITY COLLEGE DIST	\$7,962.43
TX	BALCH SPRINGS CITY	\$3,809.75
TX	BARTONVILLE TOWN	\$437.50
TX	BASTROP COUNTY	\$13,162.50
TX	BAY CITY	\$3,375.00
TX	BAYTOWN CITY	\$25,714.00
TX	BEE COUNTY	\$3,696.50
TX	BELLMEAD CITY	\$1,962.50
TX	BELTON CITY	\$752.50
TX	BENBROOK CITY	\$3,883.17

TX	BIG SPRING CITY	\$3,500.00
TX	BOERNE CITY	\$1,600.00
TX	BORGER CITY	\$5,493.68
TX	BRENHAM CITY	\$2,991.89
TX	BROWNWOOD CITY	\$6,000.00
TX	BRYAN CITY	\$18,292.50
TX	BUDA CITY	\$1,200.00
TX	BURNET COUNTY	\$12,892.50
TX	BRIDGE CITY	\$1,150.00
TX	CANYON CITY	\$2,356.00
TX	CEDAR HILL CITY	\$5,581.80
TX	CEDAR PARK CITY	\$6,982.50
TX	CELINA CITY	\$1,290.00
TX	CIBOLO CITY	\$2,918.97
TX	CLEBURNE CITY	\$3,988.00
TX	COLLIN COUNTY	\$211,468.32
TX	COLLIN COUNTY COMMUNITY COLLEGE	\$9,417.64
TX	COMAL COUNTY	\$12,742.07
TX	CONROE CITY	\$7,925.00
TX	CONROE IND SCH DIST 902	\$8,000.00
TX	COPPELL CITY	\$7,425.00
TX	COPPERAS COVE CITY	\$5,544.00
TX	CORSICANA CITY	\$2,949.00
TX	CRANE COUNTY	\$1,598.00
TX	CRAWFORD TOWN	\$800.00
TX	CROWLEY CITY	\$2,362.38
TX	CITY OF BULVERDE	\$6,337.45
TX	DALLAS IND SCH DISTRICT 905	\$45,274.60
TX	DECATUR CITY	\$2,800.00
TX	DEER PARK CITY	\$8,662.50
TX	DEL RIO CITY	\$2,100.00
TX	DENISON CITY	\$2,400.00
TX	DENVER CITY	\$800.00
TX	DESOTO CITY	\$4,619.63
TX	DICKINSON CITY	\$1,087.50
TX	DUNCANVILLE CITY	\$7,853.00
TX	DALLAS-FORT WORTH INTERNATIONAL AIRPORT BOARD	\$82,132.63
TX	EARLY CITY	\$446.17
TX	EDINBURG CITY	\$38,160.00
TX	EL PASO COMM COLLEGE	\$3,260.86
TX	EL PASO COUNTY	\$15,185.94
TX	ELGIN CITY	\$5,007.04
TX	ELLIS COUNTY	\$12,315.37
TX	EULESS CITY	\$8,621.00
TX	FAYETTE COUNTY	\$1,147.50
TX	FLOWER MOUND CITY	\$7,122.08
TX	FLOYDADA TOWN	\$374.32

TX	FOREST HILL CITY	\$3,020.50
TX	FREDERICKSBURG CITY	\$2,800.00
TX	FREESTONE COUNTY	\$1,925.28
TX	FRIENDSWOOD CITY	\$5,167.50
TX	FULSHEAR CITY	\$1,870.40
TX	GAINESVILLE CITY	\$3,250.00
TX	GALVESTON CITY	\$9,432.40
TX	GALVESTON CO WCID 12	\$1,197.69
TX	GATESVILLE CITY	\$2,010.00
TX	GIDDINGS CITY	\$4,355.28
TX	GILLESPIE COUNTY	\$3,000.00
TX	GLADEWATER CITY	\$1,652.50
TX	GLENN HEIGHTS CITY	\$2,850.00
TX	GRAHAM CITY	\$374.00
TX	GRANBURY CITY	\$4,400.00
TX	GRAND PRAIRIE CITY	\$21,789.60
TX	GRAND SALINE CITY	\$2,400.00
TX	GRANDVIEW CITY	\$3,504.00
TX	GRAPEVINE CITY	\$13,136.40
TX	GRAYSON COUNTY	\$4,940.90
TX	GREGORY CITY	\$1,937.50
TX	HALLETTSVILLE CITY	\$375.00
TX	HALTOM CITY	\$11,997.00
TX	HARKER HEIGHTS CITY	\$6,460.00
TX	HARLINGEN CITY	\$4,000.00
TX	HAYS COUNTY	\$29,200.89
TX	HEARNE CITY	\$525.00
TX	HEATH CITY	\$2,310.30
TX	HENDERSON CITY	\$7,535.00
TX	HEWITT CITY	\$2,261.49
TX	HICKORY CREEK TOWN	\$2,247.50
TX	HIGHLAND PARK CITY	\$8,071.69
TX	HIGHLAND VILLAGE CITY	\$4,720.05
TX	HOLLYWOOD PARK TOWN	\$749.99
TX	HOOD COUNTY	\$4,812.50
TX	HOUSTON CITY	\$237,685.67
TX	HOUSTON COMM COLLEGE	\$9,044.10
TX	HOWARD COUNTY	\$2,976.54
TX	HUNT COUNTY	\$4,873.88
TX	HUNTSVILLE CITY	\$3,479.15
TX	HURST CITY	\$8,799.38
TX	HUTCHINS CITY	\$3,199.80
TX	HOUSTON INDEPENDENT SCHOOL	\$19,186.17
TX	INGLESIDE CITY	\$6,562.44
TX	ITALY TOWN	\$2,445.00
TX	JACINTO CITY	\$1,950.00
TX	JACK COUNTY	\$2,956.00

TX	JACKSON COUNTY	\$2,395.00
TX	JERSEY VILLAGE CITY	\$3,475.00
TX	JONES COUNTY	\$1,615.50
TX	JONESTOWN CITY	\$1,475.26
TX	JOSHUA CITY	\$2,000.00
TX	KAUFMAN CITY	\$1,687.13
TX	KELLER CITY	\$5,183.35
TX	KENEDY COUNTY	\$3,890.39
TX	KENNEDALE CITY	\$4,000.00
TX	KERR COUNTY	\$17,652.18
TX	KERRVILLE CITY	\$14,191.28
TX	KILGORE CITY	\$4,770.00
TX	KILLEEN CITY	\$12,057.47
TX	LA PORTE CITY	\$5,700.00
TX	LAKE DALLAS TOWN	\$1,719.50
TX	LAKE JACKSON CITY	\$5,992.50
TX	LAKE WORTH CITY	\$10,752.50
TX	LAMPASAS CITY	\$3,600.00
TX	LAREDO COMMUNITY COLLEGE	\$7,384.60
TX	LEANDER CITY	\$5,100.00
TX	LEE COUNTY	\$1,162.50
TX	LEON COUNTY	\$7,812.50
TX	LITTLE ELM TOWN	\$1,031.50
TX	LITTLEFIELD CITY	\$1,333.34
TX	LIVE OAK CITY	\$3,600.00
TX	LIVINGSTON TOWN	\$1,776.48
TX	LONGVIEW CITY	\$17,892.00
TX	LORENA CITY	\$772.50
TX	LOS FRESNOS CITY	\$3,165.60
TX	LUFKIN CITY	\$7,600.00
TX	LYTLE CITY	\$1,937.50
TX	MANOR CITY	\$2,162.50
TX	MANSFIELD IND SCH DIST 908	\$7,605.00
TX	MCLENNAN COUNTY	\$12,969.43
TX	MEDINA COUNTY	\$7,200.00
TX	MELISSA CITY	\$2,550.00
TX	MINERAL WELLS CITY	\$6,991.49
TX	MISSION CITY	\$17,178.50
TX	MISSOURI CITY	\$6,658.64
TX	MONAHANS CITY	\$843.00
TX	MONT BELVIEU TOWN	\$3,200.00
TX	MONTGOMERY CITY	\$3,384.51
TX	MONTGOMERY IND SCH DIST 903	\$1,000.50
TX	MULESHOE CITY	\$1,597.50
TX	MURPHY CITY	\$1,800.00
TX	NACOGDOCHES CITY	\$2,087.50
TX	NAVARRO COUNTY	\$6,824.93

TX	NAVASOTA CITY	\$2,049.00
TX	NEW BRAUNFELS CITY	\$15,390.00
TX	NOLANVILLE CITY	\$2,220.00
TX	NORTH EAST IND SCH DIST 910	\$22,750.00
TX	NORTH RICHLAND HILLS CITY	\$9,199.90
TX	NORTHLAKE TOWN	\$1,308.75
TX	ODESSA CITY	\$23,181.87
TX	ORANGE CITY	\$5,600.00
TX	ORANGE COUNTY	\$5,881.80
TX	OVILLA CITY	\$1,907.50
TX	PALM VALLEY TOWN	\$4,000.00
TX	PARIS CITY	\$4,000.00
TX	PARMER COUNTY	\$3,152.47
TX	PFLUGERVILLE CITY	\$17,933.40
TX	PHARR CITY	\$8,335.63
TX	PINEHURST CITY	\$2,823.58
TX	PLAINVIEW CITY	\$2,000.00
TX	PORT ARTHUR CITY	\$20,114.88
TX	PORT NECHES CITY	\$3,200.00
TX	PROSPER TOWN	\$3,417.60
TX	RANCHO VIEJO TOWN	\$1,598.00
TX	RHOME CITY	\$1,085.35
TX	RICHARDSON CITY	\$15,580.75
TX	RICHLAND HILLS CITY	\$5,254.56
TX	RICHMOND CITY	\$6,174.19
TX	ROANOKE CITY	\$2,800.00
TX	ROBINSON CITY	\$2,361.75
TX	ROCKDALE CITY	\$2,676.99
TX	ROCKWALL CITY	\$9,653.50
TX	ROCKWALL COUNTY	\$3,095.13
TX	ROSENBERG CITY	\$6,500.00
TX	ROUND ROCK CITY	\$17,772.19
TX	ROWLETT CITY	\$11,822.76
TX	RUSK CITY	\$5,152.50
TX	SABINE COUNTY	\$2,725.00
TX	SACHSE CITY	\$4,000.00
TX	SAGINAW CITY	\$4,879.00
TX	SAN ANGELO CITY	\$12,310.39
TX	SAN BENITO CITY	\$3,178.18
TX	SAN JACINTO COLLEGE	\$5,007.65
TX	SAN JUAN CITY	\$9,875.00
TX	SAN MARCOS CITY	\$18,240.00
TX	SCHERTZ CITY	\$11,962.50
TX	SCURRY COUNTY	\$2,730.00
TX	SEAGOVILLE CITY	\$2,361.00
TX	SEALY CITY	\$2,586.23
TX	SEGUIN CITY	\$4,401.18

TX	SHAVANO PARK CITY	\$3,167.50
TX	SHERMAN CITY	\$4,875.00
TX	SMITHVILLE CITY	\$1,469.33
TX	SOUTH HOUSTON CITY	\$700.00
TX	SOUTHLAKE CITY	\$3,045.00
TX	SOUTHSIDE PLACE CITY	\$2,800.00
TX	SUGAR LAND CITY	\$8,950.00
TX	SUNSET VALLEY CITY	\$1,888.00
TX	TARRANT COUNTY COLLEGE	\$5,670.28
TX	TAYLOR CITY	\$1,850.00
TX	TAYLOR COUNTY	\$7,199.06
TX	TEAGUE CITY	\$3,850.00
TX	TEMPLE CITY	\$13,038.75
TX	TEXARKANA CITY	\$8,922.50
TX	TEXAS	\$68,539.71
TX	TEXAS CITY	\$35,333.00
TX	THE COLONY CITY	\$3,503.04
TX	TROPHY CLUB TOWN	\$9,600.00
TX	TULIA CITY	\$2,004.98
TX	VAL VERDE COUNTY	\$1,989.98
TX	VAN ALSTYNE TOWN	\$2,627.28
TX	VERNON CITY	\$4,500.00
TX	VICTORIA COUNTY	\$20,917.50
TX	VIDOR IND SCH DIST 907	\$1,335.00
TX	WALKER COUNTY	\$3,640.00
TX	WALLER TOWN	\$1,600.00
TX	WEATHERFORD CITY	\$13,600.00
TX	WEBSTER CITY	\$4,750.00
TX	WESLACO CITY	\$27,645.00
TX	WEST CITY	\$1,615.50
TX	WEST COLUMBIA CITY	\$2,400.00
TX	WEST ORANGE CITY	\$445.00
TX	WESTWORTH VILLAGE	\$746.80
TX	WHARTON CITY	\$2,337.50
TX	WHITE SETTLEMENT CITY	\$2,762.60
TX	WILLOW PARK CITY	\$2,778.75
TX	WILLS POINT CITY	\$3,105.00
TX	WYLIE CITY	\$4,800.00
	Totals for TX(247 Jurisdictions):	\$2,151,599.51
UT	ALPINE CITY	\$8,272.50
UT	AMERICAN FORK CITY	\$5,072.00
UT	BOUNTIFUL CITY	\$4,712.50
UT	BOX ELDER COUNTY	\$6,297.40
UT	CLEARFIELD CITY	\$4,320.00
UT	DAGGETT COUNTY	\$1,505.76
UT	DUCHESNE COUNTY	\$4,004.00
UT	ENOCH CITY	\$1,600.00

UT	FARMINGTON CITY	\$1,920.00
UT	HEBER CITY	\$920.00
UT	HURRICANE CITY	\$2,962.00
UT	IRON COUNTY	\$4,240.00
UT	KAYSVILLE CITY	\$2,782.50
UT	LA VERKIN CITY	\$1,592.46
UT	LAYTON CITY	\$4,323.00
UT	LOGAN CITY	\$4,473.75
UT	MORGAN COUNTY	\$1,087.50
UT	NEPHI CITY	\$1,952.20
UT	NORTH OGDEN CITY	\$4,000.00
UT	NORTH SALT LAKE CITY	\$2,572.50
UT	OGDEN CITY	\$18,112.50
UT	OREM CITY	\$8,348.00
UT	PARK CITY	\$7,680.00
UT	PLEASANT GROVE CITY	\$5,600.00
UT	PRICE CITY	\$5,190.00
UT	ROY CITY	\$6,800.00
UT	SALINA CITY	\$896.32
UT	SANDY CITY	\$8,300.00
UT	SANTAQUIN CITY	\$1,600.00
UT	SOUTH OGDEN CITY	\$9,200.00
UT	SPANISH FORK CITY	\$3,200.00
UT	SUNSET CITY	\$2,712.50
UT	SYRACUSE CITY	\$2,400.00
UT	TOOELE CITY	\$2,300.00
UT	TOOELE COUNTY	\$1,131.00
UT	TREMONTON CITY	\$2,046.00
UT	UINTAH COUNTY	\$7,243.00
UT	VERNAL CITY	\$1,173.00
UT	WASATCH COUNTY	\$12,088.44
UT	WEST BOUNTIFUL CITY	\$1,200.00
UT	WILLARD CITY	\$1,173.90
UT	WOODS CROSS CITY	\$2,097.00
	Totals for UT(42 Jurisdictions):	\$179,101.73
VA	ACCOMACK COUNTY	\$3,260.98
VA	AMHERST COUNTY	\$2,808.00
VA	ASHLAND TOWN	\$2,260.00
VA	BEDFORD CITY	\$1,755.00
VA	BEDFORD COUNTY	\$5,980.00
VA	BLACKSTONE TOWN	\$1,155.00
VA	BLUEFIELD TOWN	\$1,317.60
VA	BRISTOL CITY	\$1,636.20
VA	BUCKINGHAM COUNTY	\$1,899.45
VA	BUENA VISTA CITY	\$2,400.00
VA	CAMPBELL COUNTY	\$3,215.00
VA	CAROLINE COUNTY	\$10,395.00

VA	CARROLL COUNTY	\$16,284.91
VA	CHARLOTTESVILLE CITY	\$2,218.16
VA	CHILHOWIE TOWN	\$367.03
VA	CHRISTIANSBURG TOWN	\$3,672.00
VA	COLONIAL HEIGHTS CITY	\$5,800.00
VA	COVINGTON CITY	\$1,860.00
VA	CULPEPER COUNTY	\$23,918.00
VA	DANVILLE CITY	\$32,608.66
VA	DUMFRIES TOWN	\$391.40
VA	EMPORIA CITY	\$1,785.00
VA	EXMORE TOWN	\$875.50
VA	FAIRFAX CITY	\$8,833.00
VA	FAUQUIER COUNTY	\$11,600.00
VA	FLOYD COUNTY	\$2,000.00
VA	FLUVANNA COUNTY	\$4,757.90
VA	FRANKLIN CITY	\$1,695.00
VA	FRANKLIN COUNTY	\$4,051.20
VA	FRONT ROYAL TOWN	\$3,196.20
VA	GLOUCESTER COUNTY	\$3,870.00
VA	GOOCHLAND COUNTY	\$1,130.00
VA	GORDONSVILLE TOWN	\$2,260.00
VA	GRAYSON COUNTY	\$5,562.00
VA	GREENE COUNTY	\$3,600.00
VA	HENRY COUNTY	\$21,561.84
VA	HOPEWELL CITY	\$2,600.00
VA	JAMES CITY COUNTY	\$13,545.90
VA	KING GEORGE COUNTY	\$7,742.50
VA	KING WILLIAM COUNTY	\$1,695.00
VA	LANCASTER COUNTY	\$1,917.50
VA	LEESBURG TOWN	\$3,707.25
VA	LEXINGTON CITY	\$2,000.00
VA	LOUISA COUNTY	\$14,069.25
VA	LYNCHBURG CITY	\$23,200.00
VA	MANASSAS CITY	\$8,925.00
VA	MANASSAS PARK CITY	\$4,000.00
VA	MARTINSVILLE CITY	\$6,375.00
VA	MIDDLEBURG TOWN	\$3,150.00
VA	MIDDLESEX COUNTY	\$2,780.00
VA	MONTGOMERY COUNTY	\$8,073.00
VA	NEW KENT COUNTY	\$1,695.00
VA	NEW MARKET TOWN	\$1,230.00
VA	NEW RIVER VALLEY REGIONAL JAIL AUTHORITY	\$11,175.00
VA	NOTTOWAY COUNTY	\$1,130.00
VA	OCCOQUAN TOWN	\$2,400.00
VA	PAGE COUNTY	\$6,800.00
VA	PATRICK COUNTY	\$5,831.50
VA	PENINSULA AIRPORT COMMISSION	\$1,280.00

VA	PITTSYLVANIA COUNTY	\$7,541.90
VA	PORTSMOUTH CITY	\$46,750.00
VA	PRINCE GEORGE COUNTY	\$9,325.80
VA	PULASKI TOWN	\$1,680.00
VA	PURCELLVILLE TOWN	\$2,023.50
VA	ROANOKE CITY	\$21,000.00
VA	ROANOKE COUNTY	\$4,500.00
VA	ROCKY MOUNT TOWN	\$1,330.60
VA	RAPPAHANNOCK REGIONAL JAIL	\$3,825.00
VA	SALEM CITY	\$4,847.50
VA	SHENANDOAH COUNTY	\$17,737.50
VA	SOUTH BOSTON TOWN	\$3,125.00
VA	SUFFOLK CITY	\$16,716.00
VA	VINTON TOWN	\$2,030.00
VA	WARREN COUNTY	\$3,955.00
VA	WARRENTON TOWN	\$2,436.00
VA	WARSAW TOWN	\$534.50
VA	WASHINGTON COUNTY	\$4,000.00
VA	WESTMORELAND COUNTY	\$2,260.00
VA	WILLIAMSBURG CITY	\$3,500.00
VA	WINCHESTER CITY	\$4,802.50
VA	WISE COUNTY	\$10,857.00
VA	WISE TOWN	\$994.45
VA	WESTERN VIRGINIA REGIONAL JAIL	\$11,305.00
VA	YORK COUNTY	\$8,550.00
	Totals for VA(84 Jurisdictions):	\$532,929.18
VT	BARRE CITY	\$2,694.00
VT	BARRE TOWN	\$599.99
VT	BERLIN TOWN	\$908.00
VT	BRATTLEBORO TOWN	\$1,598.00
VT	BURLINGTON CITY	\$6,178.80
VT	CASTLETON TOWN	\$1,580.00
VT	DOVER TOWN	\$3,178.00
VT	ESSEX COUNTY	\$2,400.00
VT	ESSEX JUNCTION VILLAGE	\$3,294.50
VT	GRAND ISLE COUNTY	\$2,520.00
VT	HARDWICK TOWN	\$454.00
VT	HARTFORD TOWN	\$6,993.00
VT	LAMOILLE COUNTY	\$4,000.00
VT	MIDDLEBURY TOWN	\$2,632.50
VT	MONTPELIER CITY	\$1,700.00
VT	NEWPORT CITY	\$2,640.95
VT	ORANGE COUNTY	\$3,236.00
VT	RICHMOND TOWN	\$775.00
VT	RUTLAND CITY	\$4,114.50
VT	SHELBURNE TOWN	\$3,174.00
VT	SOUTH BURLINGTON CITY	\$8,425.50

VT	SPRINGFIELD TOWN	\$2,785.50
VT	ST ALBANS CITY	\$1,200.00
VT	ST JOHNSBURY TOWN	\$4,134.90
VT	STOWE TOWN	\$8,863.50
VT	SWANTON VILLAGE	\$1,931.25
VT	WASHINGTON COUNTY	\$6,000.00
VT	WEATHERSFIELD TOWN	\$1,025.00
VT	WINHALL TOWN	\$1,472.24
	Totals for VT(29 Jurisdictions):	\$90,509.13
WA	ABERDEEN CITY	\$8,335.58
WA	ANACORTES CITY	\$1,627.50
WA	ARLINGTON CITY	\$2,292.70
WA	AUBURN CITY	\$22,580.91
WA	BATTLE GROUND CITY	\$1,258.00
WA	BLACK DIAMOND TOWN	\$1,089.80
WA	BREMERTON CITY	\$7,172.50
WA	BRIER CITY	\$478.27
WA	BURLINGTON CITY	\$2,957.99
WA	CASTLE ROCK CITY	\$2,400.00
WA	CENTRALIA CITY	\$6,600.00
WA	CHEHALIS CITY	\$1,405.50
WA	CHENEY CITY	\$2,986.75
WA	CLARKSTON CITY	\$1,183.20
WA	CONNELL CITY	\$1,861.83
WA	DES MOINES CITY	\$5,082.00
WA	DOUGLAS COUNTY	\$1,386.85
WA	EATONVILLE TOWN	\$354.78
WA	EDMONDS CITY	\$6,006.00
WA	ELLENSBURG CITY	\$2,044.95
WA	ELMA CITY	\$1,049.92
WA	ENUMCLAW CITY	\$5,388.00
WA	EPHRATA CITY	\$3,386.40
WA	FEDERAL WAY CITY	\$24,438.71
WA	FERNDALE CITY	\$1,623.98
WA	FIFE CITY	\$9,994.10
WA	GARFIELD COUNTY	\$1,024.95
WA	GIG HARBOR CITY	\$4,924.02
WA	GRAYS HARBOR COUNTY	\$1,044.05
WA	HIGHLINE SCH DIST 401	\$4,225.00
WA	ISLAND COUNTY	\$10,731.50
WA	ISSAQUAH CITY	\$4,089.67
WA	JEFFERSON COUNTY	\$3,595.00
WA	KALAMA CITY	\$862.50
WA	KELSO CITY	\$2,128.00
WA	KENNEWICK CITY	\$11,422.35
WA	KIRKLAND CITY	\$8,266.50
WA	KITTITAS COUNTY	\$7,332.20

WA	LAKE STEVENS CITY	\$3,195.41
WA	LAKEWOOD CITY	\$21,200.00
WA	LEWIS COUNTY	\$5,072.06
WA	LINCOLN COUNTY	\$1,632.00
WA	LONGVIEW CITY	\$2,818.41
WA	LYNNWOOD CITY	\$7,018.88
WA	MARYSVILLE CITY	\$5,920.66
WA	MASON COUNTY	\$9,574.40
WA	MCCLEARY CITY	\$847.73
WA	MEDINA CITY	\$798.00
WA	MILL CREEK CITY	\$3,062.73
WA	MOSES LAKE CITY	\$7,260.22
WA	MOUNTLAKE TERRACE CITY	\$2,965.06
WA	MUKILTEO CITY	\$2,255.50
WA	NEWPORT CITY	\$1,065.82
WA	NISQUALLY INDIAN COMMUNITY	\$23,250.00
WA	NORMANDY PARK CITY	\$920.00
WA	OAK HARBOR CITY	\$4,723.03
WA	OKANOGAN COUNTY	\$3,704.00
WA	OLYMPIA CITY	\$11,598.55
WA	ORTING CITY	\$3,504.00
WA	OTHELLO CITY	\$2,219.53
WA	PACIFIC COUNTY	\$6,477.50
WA	PASCO CITY	\$6,150.78
WA	PEND OREILLE COUNTY	\$1,831.39
WA	PORT ANGELES CITY	\$4,201.60
WA	PULLMAN CITY	\$3,600.00
WA	PUYALLUP CITY	\$5,408.32
WA	QUINCY CITY	\$5,040.00
WA	RAYMOND CITY	\$800.00
WA	REDMOND CITY	\$10,438.75
WA	RICHLAND CITY	\$4,306.00
WA	RIDGEFIELD CITY	\$778.38
WA	RUSTON TOWN	\$1,594.22
WA	SAN JUAN COUNTY	\$3,908.36
WA	SEDRO WOOLLEY CITY	\$2,281.88
WA	SHELTON CITY	\$2,882.00
WA	SPOKANE SCH DIST 81	\$1,156.02
WA	STEVENS COUNTY	\$5,272.00
WA	SUMNER CITY	\$2,041.52
WA	SUNNYSIDE CITY	\$3,341.00
WA	TOPPENISH CITY	\$1,770.00
WA	TUMWATER CITY	\$5,755.00
WA	WAHKIAKUM COUNTY	\$3,510.50
WA	WALLA WALLA CITY	\$6,911.04
WA	WAPATO CITY	\$5,321.21
WA	WASHOUGAL CITY	\$7,079.63

WA	WENATCHEE CITY	\$3,999.99
WA	WHITE SALMON CITY	\$1,431.14
WA	YAKIMA CITY	\$20,600.00
	Totals for WA(88 Jurisdictions):	\$437,126.18
WI	ALGOMA CITY	\$799.00
WI	AMERY CITY	\$800.00
WI	APPLETON CITY	\$8,800.00
WI	ATHENS VILLAGE	\$320.00
WI	BAD RIVER BAND OF THE LAKE SUPERIOR TRIBE OF CHIPPEWA INDIANS	\$458.50
WI	BALDWIN VILLAGE	\$1,574.93
WI	BARABOO CITY	\$3,427.50
WI	BARRON COUNTY	\$1,737.50
WI	BAYSIDE VILLAGE	\$2,000.00
WI	BEAVER DAM CITY	\$3,023.08
WI	BELOIT CITY	\$8,253.00
WI	BELOIT TOWN	\$1,023.75
WI	BRODHEAD CITY	\$407.00
WI	BROOKFIELD CITY	\$3,721.50
WI	BROOKFIELD TOWN	\$1,962.50
WI	BROOKLYN VILLAGE	\$1,437.50
WI	BROWN DEER VILLAGE	\$3,519.45
WI	BUFFALO COUNTY	\$2,387.50
WI	BURLINGTON CITY	\$1,327.50
WI	BURNETT COUNTY	\$1,858.50
WI	CALUMET COUNTY	\$1,102.50
WI	CHETEK CITY	\$2,745.00
WI	CHIPPEWA COUNTY	\$16,307.50
WI	CHIPPEWA FALLS CITY	\$1,200.00
WI	CLARK COUNTY	\$2,720.97
WI	COLUMBIA COUNTY	\$1,750.00
WI	CORNELL CITY	\$2,428.75
WI	CRAWFORD COUNTY	\$19,320.00
WI	DE FOREST VILLAGE	\$2,306.00
WI	DELAFIELD CITY	\$2,520.00
WI	DELAVAN TOWN	\$2,400.00
WI	DODGE COUNTY	\$6,950.00
WI	DODGEVILLE CITY	\$2,035.00
WI	DOOR COUNTY	\$3,631.92
WI	DOUGLAS COUNTY	\$3,798.00
WI	DUNN COUNTY	\$4,950.00
WI	EAGLE RIVER CITY	\$387.50
WI	EAU CLAIRE CITY	\$6,552.00
WI	EDGERTON CITY	\$748.99
WI	ELK MOUND VILLAGE	\$393.50
WI	ELLSWORTH VILLAGE	\$604.50
WI	ELM GROVE VILLAGE	\$982.50
WI	FENNIMORE CITY	\$798.00

WI	FITCHBURG CITY	\$3,559.50
WI	FORT ATKINSON CITY	\$2,250.00
WI	FOX POINT VILLAGE	\$1,200.00
WI	FRANKLIN CITY	\$7,600.00
WI	GENOA CITY VILLAGE	\$2,588.97
WI	GLENDALE CITY	\$3,600.00
WI	GRAFTON VILLAGE	\$2,100.98
WI	GRAND CHUTE TOWN	\$2,705.00
WI	GRANT COUNTY	\$1,650.00
WI	GREEN COUNTY	\$3,200.00
WI	GREENFIELD CITY	\$9,000.00
WI	GREENWOOD CITY	\$1,200.00
WI	HALES CORNERS VILLAGE	\$1,798.00
WI	HARTFORD CITY	\$1,747.50
WI	HARTLAND VILLAGE	\$366.00
WI	IOWA COUNTY	\$344.50
WI	IRON RIVER TOWN	\$400.00
WI	JACKSON COUNTY	\$2,974.75
WI	JACKSON VILLAGE	\$1,500.00
WI	JANESVILLE CITY	\$9,014.25
WI	JEFFERSON COUNTY	\$6,375.00
WI	JUNEAU CITY	\$335.00
WI	JUNEAU COUNTY	\$5,400.00
WI	KENOSHA CITY	\$15,980.00
WI	KEWASKUM VILLAGE	\$749.99
WI	KEWAUNEE COUNTY	\$4,794.00
WI	LAKE DELTON VILLAGE	\$2,340.00
WI	LAKE GENEVA CITY	\$10,437.50
WI	LAKE HALLIE VILLAGE	\$1,957.50
WI	LANCASTER CITY	\$400.00
WI	LANGLADE COUNTY	\$1,679.00
WI	LINCOLN COUNTY	\$3,480.00
WI	LINN TOWN	\$2,565.13
WI	LITTLE CHUTE VILLAGE	\$1,835.00
WI	LODI CITY	\$800.00
WI	LUCK VILLAGE	\$1,274.99
WI	MANAWA CITY	\$2,000.00
WI	MANITOWOC CITY	\$6,010.00
WI	MANITOWOC COUNTY	\$3,717.50
WI	MARINETTE CITY	\$2,000.00
WI	MARINETTE COUNTY	\$7,800.00
WI	MARQUETTE COUNTY	\$2,474.50
WI	MARSHFIELD CITY	\$1,700.00
WI	MCFARLAND VILLAGE	\$915.00
WI	MELROSE VILLAGE	\$400.00
WI	MENASHA CITY	\$2,000.00
WI	MENASHA TOWN	\$989.00

WI	MENOMINEE COUNTY	\$1,132.50
WI	MENOMONEE FALLS VILLAGE	\$7,065.00
WI	MENOMONIE CITY	\$3,248.00
WI	MEQUON CITY	\$5,726.18
WI	MERRILL CITY	\$1,842.00
WI	MIDDLETON CITY	\$3,200.00
WI	MINOCQUA TOWN	\$555.00
WI	MONONA CITY	\$3,200.00
WI	MONROE CITY	\$2,512.50
WI	MONROE COUNTY	\$1,992.50
WI	MOUNT PLEASANT TOWN	\$4,875.00
WI	MUKWONAGO TOWN	\$1,893.86
WI	MUKWONAGO VILLAGE	\$1,021.51
WI	MUSCODA VILLAGE	\$445.00
WI	MUSKEGO CITY	\$5,200.00
WI	MENOMINEE INDIAN TRIBE OF WISCONSIN	\$549.50
WI	NEENAH CITY	\$1,648.00
WI	NEW BERLIN CITY	\$5,720.00
WI	NEW GLARUS VILLAGE	\$449.50
WI	NEW HOLSTEIN CITY	\$1,200.00
WI	NEW LONDON CITY	\$3,501.00
WI	NEW RICHMOND CITY	\$4,286.29
WI	NEWBURG VILLAGE	\$1,015.73
WI	OAK CREEK CITY	\$7,800.00
WI	OCONOMOWOC CITY	\$2,800.00
WI	ONALASKA CITY	\$1,480.00
WI	OREGON VILLAGE	\$1,403.00
WI	OSCEOLA TOWN	\$2,000.00
WI	OSHKOSH CITY	\$3,530.00
WI	OZAUKEE COUNTY	\$5,595.50
WI	PALMYRA VILLAGE	\$400.00
WI	PARK FALLS CITY	\$2,099.88
WI	PESHTIGO CITY	\$1,327.50
WI	PEWAUKEE VILLAGE	\$4,994.00
WI	PHILLIPS CITY	\$530.00
WI	PIERCE COUNTY	\$3,592.50
WI	PLATTEVILLE CITY	\$1,654.00
WI	PLEASANT PRARIE VILLAGE	\$3,995.00
WI	PLOVER VILLAGE	\$4,225.00
WI	POLK COUNTY	\$2,752.38
WI	PORTAGE CITY	\$962.12
WI	PORTAGE COUNTY	\$4,779.50
WI	PRAIRIE DU CHIEN CITY	\$2,000.00
WI	PRICE COUNTY	\$3,018.00
WI	PULASKI VILLAGE	\$3,518.50
WI	RACINE CITY	\$13,999.50
WI	RED CLIFF BAND OF LAKE SUPERIOR CHIPPEWA INDIANS	\$1,200.00

WI	REDGRANITE VILLAGE	\$850.00
WI	REEDSBURG CITY	\$4,815.07
WI	RHINELANDER CITY	\$1,560.88
WI	RICE LAKE CITY	\$1,717.50
WI	RICHLAND CENTER CITY	\$1,358.16
WI	RICHLAND COUNTY	\$5,140.00
WI	RIVER FALLS CITY	\$1,600.00
WI	ROME TOWN	\$1,102.49
WI	RUSK COUNTY	\$1,185.00
WI	SAWYER COUNTY	\$1,877.50
WI	SEYMOUR CITY	\$825.00
WI	SHAWANO COUNTY	\$4,875.00
WI	SOUTH MILWAUKEE CITY	\$1,300.00
WI	SPRING VALLEY VILLAGE	\$852.50
WI	ST CROIX COUNTY	\$10,382.49
WI	ST FRANCIS CITY	\$1,400.00
WI	STANLEY CITY	\$3,385.04
WI	STEVENS POINT CITY	\$4,000.00
WI	STURGEON BAY CITY	\$2,950.00
WI	SUPERIOR CITY	\$5,415.00
WI	SUMMIT VILLAGE	\$1,198.50
WI	TAYLOR COUNTY	\$1,573.25
WI	TOMAH CITY	\$739.50
WI	TREMPEALEAU COUNTY	\$1,587.50
WI	TURTLE LAKE VILLAGE	\$789.99
WI	TWIN LAKES VILLAGE	\$906.50
WI	TWO RIVERS CITY	\$2,203.00
WI	VERONA CITY	\$1,282.50
WI	WALWORTH VILLAGE	\$1,067.77
WI	WASHBURN CITY	\$2,360.00
WI	WATERLOO CITY	\$820.00
WI	WATERTOWN CITY	\$4,125.00
WI	WAUKESHA CITY	\$12,750.00
WI	WAUNAKEE VILLAGE	\$1,680.00
WI	WAUSAU CITY	\$5,399.50
WI	WAUWATOSA CITY	\$4,875.00
WI	WEST ALLIS CITY	\$6,502.50
WI	WEST BEND CITY	\$2,250.00
WI	WEST MILWAUKEE VILLAGE	\$1,829.90
WI	WEST SALEM VILLAGE	\$806.00
WI	WESTBY CITY	\$1,701.25
WI	WHITEFISH BAY VILLAGE	\$1,350.00
WI	WHITEWATER CITY	\$1,749.98
WI	WILLIAMS BAY VILLAGE	\$1,738.00
WI	WISCONSIN RAPIDS CITY	\$1,243.50
WI	WONEWOC VILLAGE	\$790.00
WI	WOOD COUNTY	\$4,800.00

	Totals for WI(184 Jurisdictions):	\$551,326.12
WV	BECKLEY CITY	\$4,520.00
WV	BENWOOD CITY	\$1,279.48
WV	CABELL COUNTY	\$11,405.00
WV	CHARLES TOWN CITY	\$1,882.85
WV	DUNBAR CITY	\$1,690.00
WV	HANCOCK COUNTY	\$11,600.00
WV	HARDY COUNTY	\$4,882.50
WV	HARRISON COUNTY	\$15,425.00
WV	HUNTINGTON CITY	\$13,037.50
WV	HURRICANE CITY	\$387.50
WV	JEFFERSON COUNTY	\$18,731.25
WV	MARION COUNTY	\$8,800.00
WV	MARSHALL COUNTY	\$12,784.00
WV	MINGO COUNTY	\$7,400.00
WV	MORGANTOWN CITY	\$1,660.00
WV	MOUNDSVILLE CITY	\$1,872.50
WV	NEW MARTINSVILLE CITY	\$4,360.00
WV	OAK HILL CITY	\$6,000.00
WV	POINT PLEASANT CITY	\$2,260.00
WV	PRINCETON CITY	\$1,862.50
WV	PUTNAM COUNTY	\$4,125.00
WV	RALEIGH COUNTY	\$9,380.00
WV	RITCHIE COUNTY	\$600.00
WV	VIENNA CITY	\$8,000.00
WV	WHITE HALL TOWN	\$396.00
WV	WOOD COUNTY	\$11,175.00
	Totals for WV(26 Jurisdictions):	\$165,516.08
WY	AFTON TOWN	\$1,710.00
WY	ALBANY COUNTY	\$2,740.50
WY	CAMPBELL COUNTY	\$3,625.00
WY	CASPER CITY	\$26,005.00
WY	CODY CITY	\$1,600.00
WY	DOUGLAS CITY	\$2,007.50
WY	EVANSTON CITY	\$4,704.98
WY	EVANSVILLE TOWN	\$1,285.30
WY	FREMONT COUNTY	\$6,800.00
WY	GILLETTE CITY	\$6,715.00
WY	GOSHEN COUNTY	\$2,247.50
WY	GREEN RIVER CITY	\$4,949.48
WY	JACKSON TOWN	\$3,520.00
WY	LARAMIE CITY	\$6,720.00
WY	LARAMIE COUNTY	\$6,442.50
WY	LINCOLN COUNTY	\$10,619.50
WY	LOVELL TOWN	\$3,687.50
WY	MILLS TOWN	\$2,400.00
WY	NATRONA COUNTY	\$3,705.00

WY	NIOBRARA COUNTY	\$2,317.64
WY	POWELL CITY	\$1,174.50
WY	RAWLINS CITY	\$3,175.20
WY	RIVERTON CITY	\$2,445.00
WY	ROCK SPRINGS CITY	\$10,756.95
WY	SHERIDAN CITY	\$2,800.00
WY	SHERIDAN COUNTY	\$3,805.43
WY	SUBLETTE COUNTY	\$4,306.50
WY	TETON COUNTY	\$6,425.00
WY	WASHAKIE COUNTY	\$1,821.60
WY	WORLAND CITY	\$1,189.00
	Totals for WY(30 Jurisdictions):	\$141,701.58
	Report Totals for (4470 Jurisdictions):	\$29,876,699.00

RESOLUTION # 2018-163

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF SURPRISE, ARIZONA AUTHORIZING THE CITY TO ENTER INTO AN INTERGOVERNMENTAL AGREEMENT WITH BUREAU OF JUSTICE ASSISTANCE FOR A GRANT IN THE AMOUNT OF \$7,100 AND AMENDING THE FISCAL YEAR 2019 BUDGET BY REALLOCATING APPROPRIATIONS OF \$7,100 FROM CONTINGENCY WITHIN THE GRANTS FUND TO FFY18 BULLETPROOF VEST PARTNERSHIP GRANT PERSONAL PROTECTIVE EQUIPMENT WITHIN THE GRANTS FUND.

WHEREAS, the U.S. Bureau of Justice Assistance pursuant to the Bulletproof Vest Partnership Grant Program has awarded the City of Surprise Police Department a grant in the amount of \$7,090 to purchase protective vests for its officers;

WHEREAS, it is in the best interests of the City and its residents that this grant be accepted thereby allowing the Police Department to more safely equip officers to deal with violent situations they encounter in the line of duty;

WHEREAS, this grant award was not included as part of the FY2019 budget adopted by Council Resolution #2018-78 on June 5, 2018;

WHEREAS, this action will necessitate a budget amendment; and

WHEREAS, the City of Surprise Administrative Policies require the approval of the Mayor and Council for budget amendments of this nature.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Council of the City of Surprise, Arizona, as follows.

Section 1. That the statements and schedules attached as *Exhibit A* and incorporated by reference are adopted, amending the budget of the City of Surprise, Arizona for the fiscal year July 1, 2018 through June 30, 2019.

Section 2. The City is hereby authorized to accept a grant in the amount of \$7,100 from the U.S. Bureau of Justice Assistance as part of the 2018 Bulletproof Vest Partnership (BVP) grant program in support of the National Institute of Justice (NIJ) compliant armored vests attached as *Exhibit B*.

Section 3. That Bob Wingenroth, City Manager, or his designees, are authorized to conduct all negotiations and to execute and submit all documents and other necessary or desirable instruments in connection with said application and grant award.

APPROVED AND ADOPTED this ____ day of _____, 2018.

Sharon R. Wolcott, Mayor

Attest:

Approved as to form:

Sherry Aguilar, City Clerk

Robert Wingo, City Attorney

RESOLUTION # 2018-163 **Exhibit A**

1. Appropriation - The allocation below represents a reallocation of appropriation in the amount of \$7,100 from contingency within the Grants Fund to FFY18 Bulletproof Vest Partnership Grant Personal Protective Equipment within the Grants Fund to cover projected expenditures associated with equipping officers with protective vests to deal with violent situations they encounter in the line of duty. These allocations do not represent an actual transfer of funds, but only a transfer of spending authority.

Fund	Department	Project/Category	Rev/ Exp	Current Budget	Increase/ (Decrease)	Amended Budget
Grants	Police	#G31041 FFY18 Bulletproof Vest Grant	E	-	7,100	7,100
Grants	Police	#G31041 FFY18 Bulletproof Vest Grant	R	-	7,100	7,100
Grants	General Operations	Other	R	20,921,200	(7,100)	20,914,100
Grants	General Operations	Contingency	E	20,821,300	(7,100)	20,814,200
Expense Total				20,821,300	-	20,821,300
Revenue Total				20,921,200	-	20,921,200



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date:	November 6, 2018	Contact Person:	Karl Zook, Public Works Department
Submitting Department:		District:	5
Staff Recommendations:	None		

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action declaring the City's intention to enlarge the territory of the Marley Park Phase 4 #140 Lighting Improvement District pursuant to A.R.S. 48-616; Resolution # 2018-144.

Motion:

I move to approve Resolution # 2018-144.

Background:

The Marley Park Phase 4 #140 Lighting Improvement District was formed in 2014 (Resolution No. 2014-119). Since the time of formation, new parcels have been formed in and around the original street lighting improvement district ("SLID") boundary. The City intends to enlarge the boundaries of the existing SLID to include the new parcels and extend existing boundaries to roadway centerlines. The City has verified that the Petition for the proposed SLID enlargement contains the signatures of all of the real property owners in the enlargement area of the district, exclusive of mortgages and other lien holders. Two hundred and fifty (estimated) new lights are proposed within this enlargement which includes both local and collector roads. The cost for the facilities and energy purchases will be billed to the Marley Park Phase 4 #140 Lighting Improvement District.

Objective Analysis:

A SLID is a special taxing district in which property owners in a defined area agree to pay the costs to operate and maintain their immediate area's street lighting through a property tax. All new developments in the City of Surprise require a SLID. This action will enlarge an existing SLID boundary to include the remainder of the parcels not within the SLID and extend existing boundaries to roadway centerlines. The SLID costs are paid for by the levy and collection of an equal apportionment of taxes based on the number and classification of properties within the SLID. The enlargement of the SLID will only affect the parcels in the territory being added, as the valuation of the property may be increased.

Policy Compliant:

Surprise Municipal Code requires that street lighting that serves a defined area be paid for through revenues obtained from the specific area being served by such street lighting. The city strives to assure that residents are subject to only one SLID and that the boundaries of each SLID accurately reflect the service area. This item is consistent with these objectives.

Financial Impact:

Any financial impact on the City is anticipated to be minimal, as the ratio of the new lights to existing lights is very small, and because any increased costs in the SLID will be paid by property owners through property taxes.

Budget Impact:

This is an enlargement of an existing SLID, therefore no impact to the budget is anticipated. A separate fund for this taxing district is currently in place to track the revenue and expenses.

FTE Impact:

This action does not change the full time equivalent count.

ATTACHMENTS:

Click to download

[Resolution 2018-144](#)

[SLID Petition enlargement](#)

[Marley Park Phase 4 and 5 144th Dr. Streetlight plans](#)

[Marley Park Phase 4 and 5 Old Oak Ln Streetlight plans](#)

[Marley Park Phase 4 and 5 Parcel 1A Streetlight plans](#)

[Marley Park Phase 4 and 5 Parcel 1B](#)

[Marley Park Phase 4 and 5 Parcel 3](#)

[Marley Park Phase 4 and 5 Parcel 4](#)

[Marley Park Phase 4 and 5 Parcel 5](#)

[Marley Park Phase 4 and 5 Parcel 6](#)

[Marley Park Phase 4 and 5 Parcel 7](#)

[Marley Park Phase 4 and 5 parcel 8](#)

[Marley Park Phase 4 and 5 parcel 9](#)

[Marley Park Phase 4 and 5 Park A Model Complex](#)

[Marley Park Phase 4 and 5 Sweetwater Streetlight Plans](#)

[SLID enlargement boundary & Council Map exhibit](#)

RESOLUTION # 2018-144

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF SURPRISE, ARIZONA DECLARING ITS INTENT TO ENLARGE THE CITY OF SURPRISE, ARIZONA MARLEY PARK PHASE 4 #140 LIGHTING IMPROVEMENT DISTRICT AND ORDERING SUCH ENLARGEMENT.

WHEREAS, on December 16, 2014, the Mayor and City Council of the City of Surprise adopted Resolution No. 2014-119, ordering the formation of the City of Surprise, Arizona Marley Park Phase 4 #140 Lighting Improvement District (the "District") for the purpose of purchasing electricity for the lighting of the public streets and parks within the District;

WHEREAS, Ariz. Rev. Stat. § 48-616(M) permits the City to enlarge the boundaries of a street lighting improvement district ("SLID") when proper notice has been given to the owners of the real property that will be added to the SLID;

WHEREAS, Ariz. Rev. Stat. § 48-617(A) gives the City immediate jurisdiction to order the creation or enlargement of a SLID without notice when all owners of the real property being added to the SLID have petitioned the City to form or enlarge the SLID;

WHEREAS, the owners, exclusive of mortgagees and other lienholders, of parcels of property which adjoin the District (hereinafter referred to as "Petitioners") acting pursuant to the provisions of Ariz. Rev. Stat. §§ 48-616(M) and 48-617(A), have petitioned the City to enlarge the District to include said property legally described in Exhibit A with such boundaries as shown in the map in Exhibit B;

WHEREAS, the City has verified and finds that Petitioners are the owners, exclusive of mortgagees and other lienholders, of all of the real property being added to the boundary of the District;

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Surprise, Arizona, as follows.

Section 1. *District Enlargement.* The City of Surprise, Arizona Marley Park Phase 4 #140 Lighting Improvement District shall be enlarged by the addition of the property described in Exhibit A and Exhibit B, which are incorporated by reference hereto into this Resolution. The resulting District boundary after enlargement is legally described in Exhibit C with such boundaries as shown in the map in Exhibit D attached hereto. The annual tax levied upon the District will remain in full force and effect, and, commencing in fiscal year 2019/2020 will apply to the District as enlarged by this Resolution.

Section 2. *Recording and Filing of this Resolution.* A certified copy of this Resolution shall be recorded in the office of the Maricopa County Recorder. Certified copies of this Resolution shall also be filed with the Arizona Department of Revenue and the Maricopa County Assessor's office pursuant to Ariz. Rev. Stat. § 42-17257.

APPROVED AND ADOPTED this ____ day of _____, 2018.

Sharon R. Wolcott, Mayor

Attest:

Approved as to form:

Sherry Aguilar, City Clerk

Robert Wingo, City Attorney

EXHIBIT "A"

DESCRIPTION

MARLEY PARK PHASE 4 & 5 STREET LIGHT IMPROVEMENT DISTRICT

A portion of Section 16, Township 3 North, Range 1 West of the Gila and Salt River Base and Meridian, City of Surprise, Maricopa County, Arizona, described as follows:

BEGINNING at the West Quarter Corner of said Section;
Thence North 00°01'02" West 2627.28 feet to the Northwest Corner of said Section;
Thence South 89°20'49" East 2639.19 feet to the North Quarter Corner of said Section;
Thence along the north line of the northeast quarter of said Section South 89°21'06" East 1334.80 feet;
Thence departing said line South 00°38'54" West 65.00 feet;
Thence South 11°36'21" East 2548.28 feet to a point on a non-tangent curve, concave northerly the center of which lies North 09°45'55" East 1947.00 feet;
Thence easterly along the arc of said curve through a central angle of 09°02'45" a distance of 307.39 feet;
Thence South 89°16'50" East 393.63 feet;
Thence North 45°20'18" East 56.19 feet to the west right of way line of Litchfield Road;
Thence along said right of way line South 00°02'34" East 93.00 feet to a point on the east-west midsection line of said Section;
Thence continuing along said right of way line South 00°02'21" East 83.02 feet;
Thence North 44°39'52" West 42.71 feet;
Thence North 89°16'50" West 405.04 feet to the beginning of a tangent curve, concave northerly, having a radius of 2053.00 feet;
Thence westerly along the arc of said curve, through a central angle of 04°54'56" a distance of 176.12 feet;
Thence North 05°38'06" East 23.00 feet to the beginning of a non-tangent curve, concave northerly, the center of which lies North 05°38'06" East 2030.00 feet;
Thence westerly along the arc of said curve through a central angle of 03°38'08" a distance of 128.82 feet;
Thence South 09°16'14" West 23.00 feet to a point on a non-tangent curve, concave northerly, the center of which lies North 09°16'14" East 2053.00 feet;
Thence westerly along the arc of said curve through a central angle of 04°29'45" a distance of 161.10 feet;

DESCRIPTION continued on page 2 of 2

DESCRIPTION (continued from page 1 of 2)

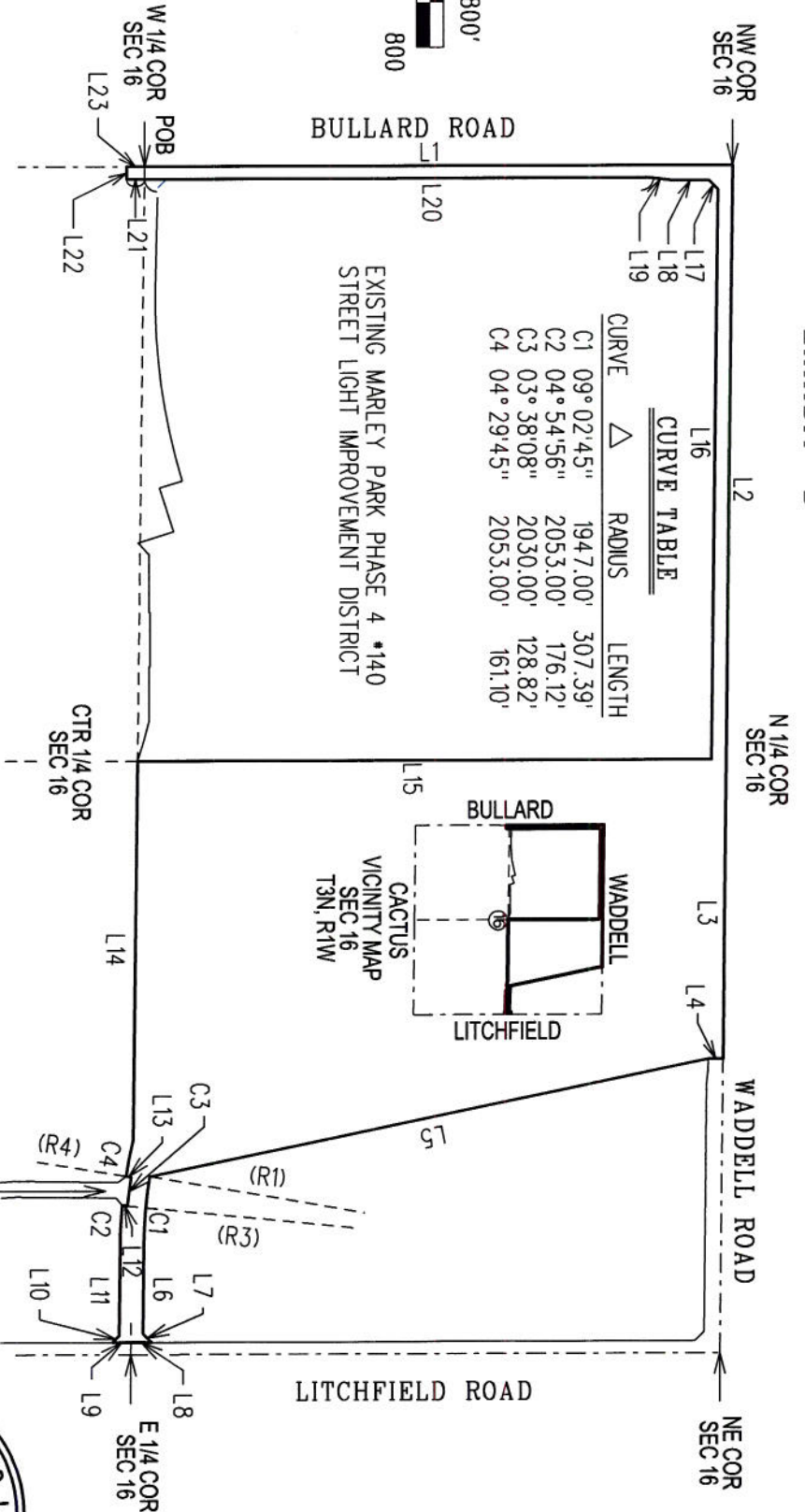
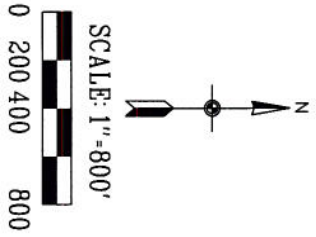
Thence North 89°16'43" West 1689.31 feet;
Thence North 00°01'08" East 2565.32 feet;
Thence North 89°20'49" West 2532.15 feet;
Thence South 45°19'04" West 56.24 feet;
Thence South 00°01'03" East 165.05 feet;
Thence South 06°44'20" West 102.00 feet;
Thence South 00°01'03" East 2255.20 feet;
Thence South 00°04'59" West 80.66 feet;
Thence North 89°55'01" West 55.00 feet;
Thence North 00°04'59" East 80.61 feet to the POINT OF BEGINNING.

Attached is Exhibit "B" and by this reference is made a part hereof.

End of description



EXHIBIT "B"



CURVE TABLE			
CURVE	Δ	RADIUS	LENGTH
C1	09° 02' 45"	1947.00'	307.39'
C2	04° 54' 56"	2053.00'	176.12'
C3	03° 38' 08"	2030.00'	128.82'
C4	04° 29' 45"	2053.00'	161.10'

LINE TABLE

LINE	BEARING	LENGTH
L1	N00° 01' 02" W	2627.28'
L2	S89° 20' 49" E	2639.19'
L3	S89° 21' 06" E	1334.80'
L4	S00° 38' 54" W	65.00'
L5	S71° 36' 21" E	2548.28'
L6	S89° 16' 50" E	393.63'
L7	N45° 20' 18" E	56.19'
L8	S00° 02' 34" E	93.00'
L9	S00° 02' 21" E	83.02'
L10	N44° 39' 52" W	42.71'
L11	N89° 16' 50" W	405.04'
L12	N05° 38' 06" E	23.00'
L13	S09° 16' 14" W	23.00'
L14	N89° 16' 43" W	1689.31'
L15	N00° 01' 08" E	2565.32'

LINE TABLE

LINE	BEARING	LENGTH
L16	N89° 20' 49" W	2532.15'
L17	S45° 19' 04" W	56.24'
L18	S00° 01' 03" E	165.05'
L19	S06° 44' 20" W	102.00'
L20	S00° 01' 03" E	2255.20'
L21	S00° 04' 59" W	80.66'
L22	N89° 55' 01" W	55.00'
L23	N00° 04' 59" E	80.61'

RADIAL LINE TABLE

LINE	BEARING	LENGTH
(R1)	N09° 45' 55" E	1947.00'
(R3)	N05° 38' 06" E	2030.00'
(R4)	N09° 16' 14" E	2053.00'



CITY OF SURPRISE
 LAND SURVEY DEPARTMENT
 16000 N. CIVIC CENTER PLAZA
 SURPRISE, AZ. 85374



EXHIBIT "C"

DESCRIPTION

MARLEY PARK PHASE 4 & 5 STREET LIGHT IMPROVEMENT DISTRICT

A portion of Section 16, Township 3 North, Range 1 West of the Gila and Salt River Base and Meridian, City of Surprise, Maricopa County, Arizona, described as follows:

BEGINNING at the West Quarter Corner of said Section;
Thence North 00°01'02" West 2627.28 feet to the Northwest Corner of said Section;
Thence South 89°20'49" East 2639.19 feet to the North Quarter Corner of said Section;
Thence along the north line of the northeast quarter of said Section South 89°21'06" East 1334.80 feet;
Thence departing said line South 00°38'54" West 65.00 feet;
Thence South 11°36'21" East 2548.28 feet to a point on a non-tangent curve, concave northerly the center of which lies North 09°45'55" East 1947.00 feet;
Thence easterly along the arc of said curve through a central angle of 09°02'45" a distance of 307.39 feet;
Thence South 89°16'50" East 393.63 feet;
Thence North 45°20'18" East 56.19 feet to the west right of way line of Litchfield Road;
Thence along said right of way line South 00°02'34" East 93.00 feet to a point on the east-west midsection line of said Section;
Thence continuing along said right of way line South 00°02'21" East 83.02 feet;
Thence North 44°39'52" West 42.71 feet;
Thence North 89°16'50" West 405.04 feet to the beginning of a tangent curve, concave northerly, having a radius of 2053.00 feet;
Thence westerly along the arc of said curve, through a central angle of 04°54'56" a distance of 176.12 feet;
Thence North 05°38'06" East 23.00 feet to the beginning of a non-tangent curve, concave northerly, the center of which lies North 05°38'06" East 2030.00 feet;
Thence westerly along the arc of said curve through a central angle of 03°38'08" a distance of 128.82 feet;
Thence South 09°16'14" West 23.00 feet to a point on a non-tangent curve, concave northerly, the center of which lies North 09°16'14" East 2053.00 feet;
Thence westerly along the arc of said curve through a central angle of 04°29'45" a distance of 161.10 feet;

DESCRIPTION continued on page 2 of 2

DESCRIPTION (continued from page 1 of 2)

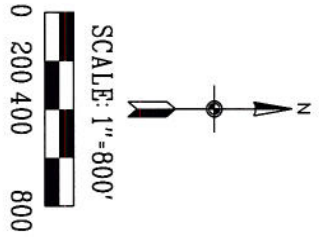
Thence North 89°16'43" West 1689.31 feet;
Thence North 72°33'46" West 101.15 feet;
Thence North 75°21'28" West 84.48 feet;
Thence North 89°58'52" West 240.00 feet;
Thence North 00°01'08" East 5.00 feet;
Thence North 89°58'52" West 240.00 feet;
Thence South 00°01'08" West 5.00 feet;
Thence North 89°58'52" West 255.14 feet;
Thence South 46°56'43" West 71.83 feet;
Thence North 17°41'35" West 166.28 feet;
Thence South 72° 21'50" West 205.39 feet;
Thence North 17°00'20" West 106.00 feet to a point on a non-tangent curve, concave northerly, the center of which lines North 17°00'20" West 2727.00 feet;
Thence along the arc of said curve through a central angle of 18°18'59" a distance of 871.77 feet;
Thence North 88°41'21" West 439.41 feet;
Thence North 44°21' 35" West 57.23 feet;
Thence South 00°00'54" East 99.79 feet;
Thence South 00°04'59" West 80.66 feet;
Thence North 89°55'01" West 55.00 feet;
Thence North 00°04'59" East 80.61 feet to the POINT OF BEGINNING.

Attached is Exhibit "D" and by this reference is made a part hereof.

End of description



EXHIBIT "D"



BULLARD ROAD

NW COR
SEC 16

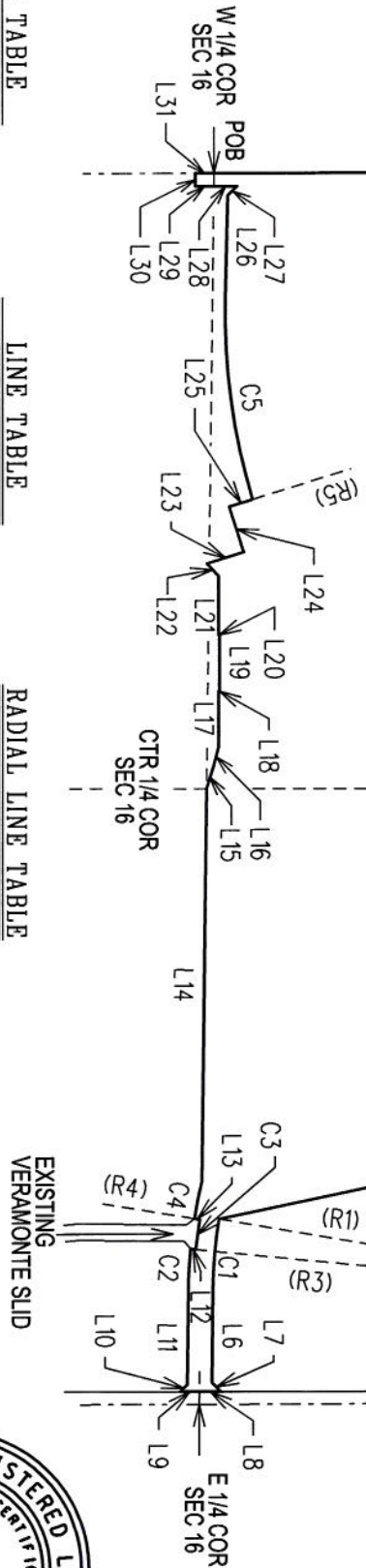
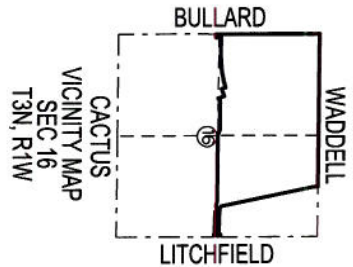
N 1/4 COR
SEC 16

WADDELL ROAD

NE COR
SEC 16

CURVE TABLE

CURVE	Δ	RADIUS	LENGTH
C1	09° 02' 45"	1947.00'	307.39'
C2	04° 54' 56"	2053.00'	176.12'
C3	03° 38' 08"	2030.00'	128.82'
C4	04° 29' 45"	2053.00'	161.10'
C5	18° 18' 59"	2727.00'	871.77'



LINE TABLE

LINE	BEARING	LENGTH
L1	N00° 01' 02" W	2627.28'
L2	S89° 20' 49" E	2639.19'
L3	S89° 21' 06" E	1334.80'
L4	S00° 38' 54" W	65.00'
L5	S11° 36' 21" E	2548.28'
L6	S89° 16' 50" E	393.63'
L7	N45° 20' 18" E	56.19'
L8	S00° 02' 34" E	93.00'
L9	S00° 02' 21" E	83.02'
L10	N44° 39' 52" W	42.71'
L11	N89° 16' 50" W	405.04'
L12	N05° 38' 06" E	23.00'
L13	S09° 16' 14" W	23.00'
L14	N89° 16' 43" W	1689.31'
L15	N72° 33' 46" W	101.15'

LINE TABLE

LINE	BEARING	LENGTH
L16	N75° 21' 28" W	84.48'
L17	N89° 58' 52" W	240.00'
L18	N00° 01' 08" E	5.00'
L19	N89° 58' 52" W	240.00'
L20	S00° 01' 08" W	5.00'
L21	N89° 58' 52" W	255.14'
L22	S46° 56' 43" W	71.83'
L23	N17° 41' 35" W	166.28'
L24	S72° 21' 50" W	205.39'
L25	N17° 00' 20" W	106.00'
L26	N88° 41' 21" W	439.41'
L27	N44° 21' 35" W	57.23'
L28	S00° 00' 54" E	99.79'
L29	S00° 04' 59" W	80.66'
L30	N89° 55' 01" W	55.00'
L31	N00° 04' 59" E	80.61'

RADIAL LINE TABLE

LINE	BEARING	LENGTH
(R1)	N09° 45' 55" E	1947.00'
(R3)	N05° 38' 06" E	2030.00'
(R4)	N09° 16' 14" E	2053.00'
(R5)	N17° 00' 20" W	2727.00'



CITY OF SURPRISE
LAND SURVEY DEPARTMENT
16000 N. CIVIC CENTER PLAZA
SURPRISE, AZ. 85374

MARLEY PARK PHASE 4 & 5
STREET LIGHT IMPROVEMENT DISTRICT

PROJECT # 18022

DRAWN BY RCD

DATE 08-22-18

SHEET 1 OF 1

STREET LIGHT IMPROVEMENT DISTRICT PETITION

TO THE MAYOR AND COUNCIL OF THE CITY OF SURPRISE:

We, the undersigned, are all or a majority of the real property owners, exclusive of mortgagees and other lienholders, adjoining the district named below. We petition the City Council of the City of Surprise, Arizona, to enlarge the District to include said property legally described in Exhibit A with such boundaries as shown in the map in Exhibit B attached hereto. This petition includes a charge for maintaining the lighting facilities.

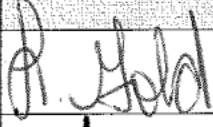
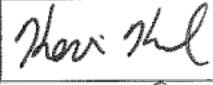
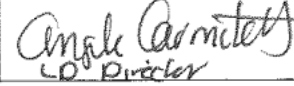
It is hereby requested that, in compliance with the Arizona Revised Statutes, the City Council adopt a Resolution of Intention to enlarge the existing District, and that unless protests are received pursuant to A.R.S. §48-579 sufficient to bar further proceedings, the City Council proceed with the improvements petitioned for herein.

Public convenience, necessity and welfare will be promoted by the establishment of the District and the real property within the District will be benefited by the District. Additional street lighting facilities may be installed and included in the District, at no investment cost to the District, as directed by the City and as approved by Arizona Public Service and the City Engineer.

WHEREFORE, we respectfully ask that this Petition be properly filed and that the Mayor and Council of the City adopt the Resolution and take such other action as is proper, necessary and appropriate to enlarge the District and to fulfill the purposes for which the District is organized, as the Mayor and Council believe is proper and necessary.

The name of the existing street light improvements district to be enlarged:
Marley Park Ph4 #140

PETITIONERS: Please print and sign your name

PRINT BUSINESS/ PETITIONER'S NAME	ADDRESS OF PROPERTY OWNED WITHIN DISTRICT	ASSESSOR PARCEL #	SIGNATURE
Legacy Traditional School-Surprise	14506 W Sweetwater Ave, Surprise, AZ 85379	501-39-987, 501-39-989	
Meritage Homes of Arizona Inc.	SEC Waddell Road & Bullard Ave 509-08-884, 509-08-874, 509-08-875, 509-08-876, 509-08-877, 509-08-878, 509-08-879, 509-08-880, 509-08-882	501-39-990E, 501-39-990L, 501-39-009F, 501-39-009D, 501-39-990D, 509-08-881	
Towne Development Inc	SEC Waddell Road & Bullard Ave	501-39-990K, 501-39-990J	
Beazer Homes Holdings LLC	SEC Waddell Road & Bullard Ave	501-39-009E	 Angela Carmichael CO. Director



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

AVAILABILITY

This rate schedule is applicable to those portions of cities, towns and unincorporated communities in which the Company does a general retail electric business and where the Company has installed a multiple or series street lighting system of adequate capacity for the service to be rendered.

DESCRIPTION

E-58 is a rate that is applicable for lighting public streets, alleys, thoroughfares, public parks and playgrounds from dusk to dawn by use of Company's facilities.

TIME PERIODS

Dusk: Time between sunset and full night when photocontrol senses the lack of sufficient sunlight and turns on the lights.
Dawn: The time between full night and sunrise when a photocontrol senses sufficient sunlight to turn off lights.

CHARGES

The monthly bill will consist of the following charges, plus adjustments.

I. FIXTURES (Includes Mounting Arm, if Applicable)

	Lumen	Watts	kWh	CHARGES	
				Investment by Company	Investment by Others
A. Acorn	3,835 LED	75	26	\$21.63	\$7.59
	4,796 LED	75	26	\$17.38	\$6.46
	5,003 LED	100	35	\$23.45	\$8.71
	5,904 LED	100	35	\$23.03	\$8.60
	6000 IND	85	29	\$19.24	\$5.14
B. Architectural	6,200 IND	85	29	\$10.13	\$3.93
	8,400 IND	100	34	\$10.69	\$4.36
	10,200 IND	120	41	\$11.75	\$4.99
	13,000 IND	150	52	\$12.98	\$5.93
	20,500 IND	200	69	\$14.78	\$7.37
	22,500 IND	265	91	\$17.63	\$9.28
	3,300 LED	43	15	\$10.24	\$3.79
	3,800 LED	32	12	\$7.73	\$2.92
	3,900 LED	32	12	\$9.96	\$3.51
	4,050 LED	63	22	\$18.63	\$6.52
	4,100 LED	45	16	\$10.34	\$3.89
	4,800 LED	41	15	\$8.27	\$3.27
	5,000 LED	41	15	\$9.61	\$3.62



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

	CHARGES				
	Lumen	Watts	kWh	Investment by Company	Investment by Others
	5,100 LED	60	21	\$10.18	\$4.19
	5,300 LED	67	24	\$10.47	\$4.48
	5,800 LED	94	32	\$17.81	\$5.16
	5,890 LED	89	31	\$20.56	\$7.66
	6,000 LED	62	22	\$18.63	\$6.52
	6,000 LED	67	24	\$19.89	\$6.99
	6,400 LED	89	31	\$17.89	\$5.10
	6,810 LED	101	35	\$18.89	\$7.50
	7,100 LED	62	22	\$19.70	\$6.80
	7,400 LED	127	44	\$20.42	\$6.34
	7,500 LED	73	26	\$20.08	\$7.18
	7,700 LED	86	30	\$18.41	\$7.02
	8,200 LED	88	31	\$10.45	\$4.97
	8,200 LED	95	33	\$11.87	\$5.48
	8,300 LED	72	25	\$17.93	\$6.54
	8,300 LED	106	37	\$12.45	\$5.91
	8,500 LED	88	31	\$11.69	\$5.30
	9,020 LED	139	48	\$22.94	\$9.47
	9,200 LED	139	48	\$25.60	\$7.30
	9,900 LED	130	45	\$13.82	\$6.84
	10,000 LED	93	32	\$21.43	\$7.96
	10,000 LED	113	39	\$13.26	\$6.28
	10,600 LED	126	44	\$22.56	\$9.09
	11,100 LED	108	38	\$12.76	\$6.07
	11,500 LED	108	38	\$13.16	\$6.18
	12,300 LED	203	70	\$25.48	\$8.85
	12,900 LED	119	41	\$22.31	\$8.82
	13,260 LED	202	70	\$27.11	\$12.12
	13,620 LED	202	70	\$28.49	\$9.24
	14,000 LED	171	59	\$26.07	\$11.08
	15,000 LED	136	47	\$24.93	\$9.94
	15,400 LED	144	50	\$25.21	\$10.22
	18,300 LED	162	56	\$16.13	\$8.22
	19,200 LED	257	89	\$26.87	\$13.38
	20,000 LED	258	89	\$26.87	\$13.38
	20,300 LED	193	67	\$17.17	\$9.26
	21,000 LED	193	67	\$24.77	\$11.28
C. Cobra	6,200 IND	75	26	\$10.54	\$3.77
	6,400 IND	85	29	\$8.97	\$3.78
	8,000 IND	88	30	\$10.47	\$4.04
	8,400 IND	100	34	\$9.70	\$4.24
	10,200 IND	120	41	\$10.44	\$4.81



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

				CHARGES				
				Investment by Company	Investment by Others			
				Lumen	Watts	kWh		
C. Cobra				13,000 IND	150	52	\$11.50	\$5.73
				15,250 IND	200	69	\$13.86	\$7.25
				22,500 IND	250	86	\$18.55	\$9.06
		Gray / Bronz		3,500 IND	55	19	\$10.50	\$3.27
				6,000 LED	95	33	\$17.05	\$5.13
				8,700 LED	142	49	\$19.17	\$6.53
				9,600 LED	157	54	\$20.40	\$7.04
				11,600 B-LED	181	62	\$19.03	\$7.44
		Gray / Bronz		3,300 LED	43	15	\$9.00	\$2.79
		Gray / Bronz		5,300 LED	67	23	\$10.45	\$3.54
		Gray / Bronz		8,300 LED	106	37	\$13.55	\$4.94
		Gray / Bronz		10,500 LED	130	45	\$15.08	\$5.69
		Gray / Bronz		20,000 LED	258	89	\$26.21	\$10.27
D. Decorative Transit				5,300 LED	75	26	\$28.44	\$6.12
				8,300 LED	100	34	\$30.45	\$6.97
				8,147 LED	75	26	\$35.76	\$11.36
				9,522 LED	100	35	\$36.14	\$12.09
				10,500 LED	150	52	\$32.69	\$8.52
				14,896 LED	150	52	\$39.98	\$14.29
		Double		8,147 LED	75	26	\$64.74	\$18.96
		Double		9,522 LED	100	35	\$64.67	\$19.58
		Double		14,896 LED	100	52	\$70.67	\$22.32
		Copper		6,000 IND	85	29	\$18.87	\$5.09
		Gray / Black		8,000 IND	88	30	\$14.86	\$4.62
		Gray / Black		4,350 LED	86	30	\$13.48	\$4.44
E. Flood				14,470 LED	148	51	\$23.93	\$9.95
				16,000 LED	125	43	\$23.17	\$9.19
F. Pendant				8,678 LED	75	26	\$26.36	\$8.85
				13,964 LED	100	35	\$27.84	\$9.88
G. Post Top				4,350 LED	86	30	\$13.43	\$5.69
				6,400 LED	30	30	\$13.43	\$5.69
				6,600 LED	83	29	\$13.33	\$5.59
H. Roadway				3,300 LED	43	15	\$9.46	\$3.58
				3,800 LED	32	12	\$7.24	\$2.79
				3,900 LED	32	12	\$9.18	\$3.30
				4,100 LED	45	16	\$9.56	\$3.68
				4,800 LED	41	15	\$7.76	\$3.13
				5,000 LED	41	15	\$9.12	\$3.49
				5,100 LED	60	21	\$9.69	\$4.06
				5,300 LED	67	24	\$9.98	\$4.35
				8,200 LED	88	31	\$9.72	\$4.77



RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE

	8,200 LED	95	33	\$11.36	\$5.34
	8,300 LED	106	37	\$11.74	\$5.72
	8,500 LED	88	31	\$11.18	\$5.16
	9,900 LED	130	45	\$13.31	\$6.70
	10,000 LED	113	39	\$12.75	\$6.14
	11,100 LED	108	38	\$12.03	\$5.88
	11,500 LED	108	38	\$12.65	\$6.04
	18,300 LED	162	56	\$15.23	\$7.98
	19,200 LED	257	89	\$19.11	\$11.32
	20,000 LED	258	89	\$19.11	\$11.32
	20,300 LED	193	67	\$16.27	\$9.02
	21,000 LED	193	67	\$17.01	\$9.22

FROZEN	4,000 INC	295	103	\$10.54	\$5.89
	7,000 MV	175	73	\$13.65	\$7.83
	11,000 MV	250	96	\$17.09	\$10.43
	20,000 MV	400	150	\$26.84	\$15.21
FROZEN ACORN	9,500 HPS	100	41	\$29.14	\$9.93
	16,000 HPS	150	69	\$32.35	\$12.55
FROZEN ARCHITECTURAL	9,500 HPS	100	41	\$16.56	\$7.90
	16,000 HPS	150	69	\$19.77	\$19.34
	30,000 HPS	250	99	\$22.95	\$13.57
	50,000 HPS	400	153	\$28.32	\$19.53
	14,000 MH	175	72	\$23.17	\$12.70
	21,000 MH	250	101	\$26.31	\$15.66
	36,000 MH	400	159	\$32.89	\$21.54
	8,000 LPS	55	30	\$24.08	\$10.58
	13,500 LPS	90	50	\$28.39	\$12.76
	22,500 LPS	135	72	\$32.43	\$15.56
FROZEN COBRA ROADWAY	33,000 LPS	180	90	\$39.01	\$18.33
	5,800 HPS	70	29	\$9.40	\$5.56
	9,500 HPS	100	41	\$11.07	\$6.81
	16,000 HPS	150	69	\$13.86	\$9.50
FROZEN COBRA ROADWAY	30,000 HPS	250	99	\$16.72	\$12.35
	50,000 HPS	400	153	\$22.69	\$17.63
	14,000 MH	175	72	\$16.12	\$10.99
	21,000 MH	250	101	\$18.84	\$13.67
	36,000 MH	400	159	\$24.81	\$18.99
FROZEN DECORATIVE TRANSIT	8,000 FL	100	38	\$18.53	\$5.43
	9,500 HPS	100	41	\$39.95	\$11.96
	16,000 HPS	150	69	\$39.72	\$13.36
FROZEN FLOOD	30,000 HPS	250	99	\$45.74	\$17.26
	30,000 HPS	250	99	\$22.20	\$13.79
	50,000 HPS	400	153	\$27.53	\$19.14
	21,000 MH	250	101	\$23.69	\$14.58
FROZEN Colonial Gray	36,000 MH	400	159	\$28.89	\$19.76
	8,000 FL	100	38	\$19.97	\$5.64



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

POST TOP	Colonial Gray	9,500 HPS	100	41	\$11.42	\$7.16
	Colonial Black	9,500 HPS	100	41	\$13.15	\$7.41
	Decorative	9,500 HPS	100	41	\$34.97	\$11.03

NOTES:

1. Investment by Company. These rates are applicable where the Company provides the initial investment to purchase and install all facilities necessary for street lighting service. The Company will own, operate, and maintain the street lighting system.
2. Investment by Others. These rates are applicable in those instances where the requesting entity or individual purchases and installs the street lighting facilities at their own expense and in accordance with Company specifications. These rates will also apply in the instance where the Customer provides a non-refundable advance to the Company to cover the Company's cost of purchasing and installing the street lighting system. The Company retains ownership of the street lighting system and provides operation and maintenance for all facilities.
3. Listed kWhs reflect the assigned monthly energy usage for each type of fixture and are used to determine any applicable transmission, system benefit, distribution, energy, and adjustment charges.
4. HPS = High Pressure Sodium
5. MH = Metal Halide
6. LPS = Low Pressure Sodium
7. FL = Fluorescent
8. INC = Incandescent. Incandescent lighting charges are applicable and available only to those Customers being served and those installations in service on November 1, 1986.
9. MV = Mercury Vapor. Mercury Vapor lighting charges are applicable and available only to those Customers being served and those installation in service on November 1, 1986 in accordance with A.R.S. §49-1104(A).
10. LED = Light Emitting Diode
11. IND = Induction



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

II. POLES

				CHARGES		
				Investment by Company	Investment by Others	
A. Anchor Base Mounted (Flush)	Round Steel	1 Simplex Adapter	Height			
			12 ft.	\$13.11	\$1.81	
			22 ft.	\$14.75	\$2.03	
			25 ft.	\$15.97	\$2.21	
			30 ft.	\$18.34	\$2.52	
		32 ft.	\$19.27	\$2.55		
		2 Simplex Adapters	12 ft.	\$13.98	\$1.93	
			22 ft.	\$16.06	\$2.22	
			25 ft.	\$16.75	\$2.31	
			30 ft.	\$19.47	\$2.68	
	32 ft.		\$20.77	\$2.87		
	Square Steel	5"	13 ft.	\$15.03	\$2.06	
			15 ft.	\$13.43	\$1.85	
			23 ft.	\$15.93	\$2.19	
			25 ft.	\$17.51	\$2.41	
			28 ft.	\$19.44	\$2.67	
			32 ft.	\$19.33	\$2.66	
	Concrete		12 ft.	\$44.79	\$6.17	
	Fiberglass		12 ft.	\$37.93	\$5.22	
	Decorative Transit		4"	16 ft.	\$36.98	\$5.10
	Decorative Transit		6"	30 ft.	\$71.39	\$9.83
	Hinged Poles		Square	15 ft.	\$14.21	\$1.16
Round			19 ft.	\$12.85	\$1.05	
B. Anchor Base Mounted (Pedestal)	Round Steel	1 Simplex Adapter	12 ft.	\$12.61	\$1.73	
			22 ft.	\$14.26	\$1.96	
			25 ft.	\$15.46	\$2.13	
			30 ft.	\$17.85	\$2.47	
			32 ft.	\$18.75	\$2.58	
		2 Simplex Adapters	12 ft.	\$13.47	\$1.85	
			22 ft.	\$15.05	\$2.06	
			25 ft.	\$16.24	\$2.23	
			30 ft.	\$18.97	\$2.60	
			32 ft.	\$20.26	\$2.79	
		3 Bolt	32 ft.	\$23.28	\$3.20	
		Square Steel	5"	13 ft.	\$14.54	\$2.01
				15 ft.	\$14.86	\$2.03
				23 ft.	\$15.43	\$2.13
	25 ft.			\$17.02	\$2.36	
	28 ft.			\$18.91	\$2.60	
	32 ft.			\$19.63	\$2.69	



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

II POLES (cont)

			CHARGES			
			Investment by Company	Investment by Others		
			Height			
C. Direct Bury	Round Steel		19 ft.	\$19.84	\$2.74	
			30 ft.	\$15.49	\$2.87	
			38 ft.	\$18.90	\$2.94	
		Self	40 ft.	\$23.28	\$3.69	
		Stepped	25 ft.	\$53.55	\$4.37	
			32 ft.	\$56.40	\$4.60	
			49 ft.	\$70.00	\$9.65	
		Square Steel	4"	34 ft.	\$17.09	\$2.96
			5"	20 ft.	\$16.23	\$2.68
	30 ft.			\$16.92	\$2.79	
	38 ft.			\$18.36	\$3.19	
	8"		28 ft.	\$30.64	\$2.49	
			32 ft.	\$32.03	\$2.62	
	Decorative Transit		41 ft 6	\$22.05	\$3.24	
	Decorative Transit	47 ft.	\$27.47	\$4.04		
	Steel Distribution Pole (for lighting only)	35 ft.	\$25.36	\$3.34		
D. Post Top	Decorative Transit Anchor Base	16 ft.	\$37.77	\$5.19		
	Gray Steel/Fiberglass	23 ft.	\$13.10	\$2.15		
	Black Steel	23 ft.	\$14.44	\$2.38		
E. Existing distribution pole suitable for streetlight use			\$1.59	--		
F. FROZEN	Wood Poles	30 ft.	\$9.64	\$1.67		
		35 ft.	\$9.64	\$1.59		

NOTE: The monthly rate for all new poles includes up to 300 feet of overhead secondary wire, or up to 300 feet of underground secondary wire if the Customer provides earthwork and conduit (excluding the underground to overhead transition).

III. ANCHOR BASE

			CHARGES	
			Investment by Company	Investment by Others
A. Flush		Height		
		4 ft.	\$10.67	\$1.47
		6 ft.	\$12.73	\$2.21
B. Pedestal		8 ft.	\$14.59	\$2.54
	For 32' Round Steel Pole only	4 ft. 6"	\$10.12	\$1.75



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

IV. CHARGES FOR OPTIONAL OR ADDITIONAL EQUIPMENT

		CHARGE
		Company Owned
Underground Circuit Charges:		
a.	Per foot of cable, installed under paving	\$0.17000
b.	Per foot of cable, not installed under paving	\$0.06000

V. DETERMINATION OF CHARGES FOR NEW EQUIPMENT

Monthly charges for new lighting fixtures, poles and other equipment not included in Sections I, II, or III above will be determined by the Company using the following method:

Step 1 Determination of Charges for each Charge Type							Monthly Fixed Charge Rate
Charge Type	Monthly Charge		Cost Inputs Equipment Cost		PV Factor		
1	Carrying Cost (fixtures)	=	(installed)	x	NA	x	1.518%
			Equipment Cost				
2	Carrying Cost (poles)	=	(installed)	x	NA	x	1.296%
			Equipment Cost				
3	Fixture Replacement Cost	=	Equipment Cost (installed)	x	0.257	x	1.518%
4	Pole, Anchor Replacement Cost	=	Equipment Cost (installed)	x	0.110	x	1.296%
5	Lighting O&M	=	O&M Cost (lifecycle)	x	0.427	x	1.518%
Charge Type	Monthly Charge		kWh Input		\$/kWh		
6	Generation	=	kWh per month	x	0.06760		
7	T&D, RCS, SB	=	kWh per month	x	0.02738		



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

Step 2 Determination of Total Monthly Charge
The total monthly charge will be the summation of the charges for each applicable charge type

<u>Equipment</u>	<u>Charge Type</u>
Fixture - IBC	1,5,6,7
Fixture - IBO	3,5,6,7
Pole, Anchor Base - IBC	2
Pole, Anchor Base - IBO	4

TRIP CHARGE

A \$100.00 trip charge per light will be charged when a Customer requests a disconnect or reconnect of service in order to accommodate the maintenance activities of the Customer or its designee(s) on their street lighting equipment.

ADJUSTMENTS

The bill will include the following adjustments:

1. The Renewable Energy Standard charge, Adjustment Schedule REAC-1.
2. The Power Supply Adjustment charges, Adjustment Schedule PSA-1.
3. The Transmission Cost Adjustment charge, Adjustment Schedule TCA-1.
4. The Environmental Improvement Surcharge, Adjustment Schedule EIS.
5. The Demand Side Management Adjustment charge, Adjustment Schedule DSMAC-1.
6. The Lost Fixed Cost Recovery Adjustment charge, Adjustment Schedule LFCR.
7. Direct Access Customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge, Adjustment Schedule RCDAC-1.
8. Any applicable taxes and governmental fees that are assessed on APS's revenues, prices, sales volume, or generation volume.

SERVICE DETAILS

1. Street lighting facilities installed under this rate schedule are of the type currently being furnished by Company as standard at the time service is initially requested. Standard facilities are those listed in the Company's Transmission and Distribution Construction Standards book.

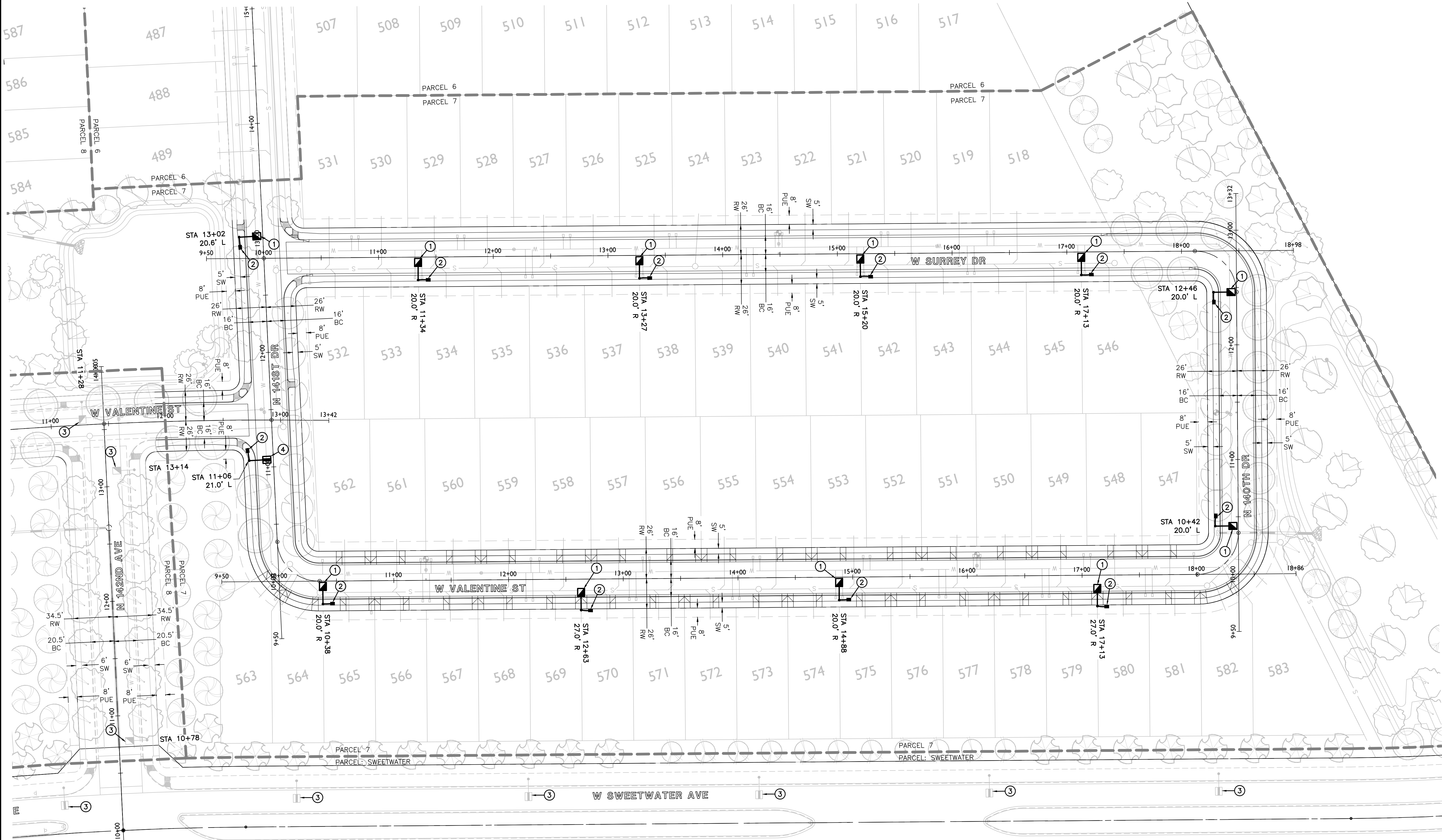


**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

2. The Customer will be responsible for notifying the Company when the streetlighting facilities are not operating as intended. The Company will use reasonable efforts to complete normal maintenance (replacement of lamps, photocontrols or fixtures) within ten (10) working days from notification by Customer. If the maintenance requires cable replacement or repairs, the Company will use reasonable efforts to complete said repairs within twenty (20) working days.
3. The Customer's bill will not be reduced due to lamp, photocontrol or cable repair or replacement outages.
4. Lighting equipment which is not specified in this rate schedule will be billed at the rates corresponding to the most similar equipment, as determined by the Company.
5. Non-standard facilities (non-standard being defined as any facility not listed in the Company's Transmission and Distribution Construction Standards book) do not qualify for this rate schedule. At the Company's discretion, such facilities may be served under another of the Company's rate schedules.
6. The Company will extend its standard street lighting system up to a distance of 300 feet for each additional lighting installation without cost at the request of the Customer. When the extension is underground the customer will provide earthwork as specified in the Company's Service Schedule 3, Conditions Governing Extensions of Electric Distribution Lines and Services; or, at the applicant's request, the Company will provide such earthwork and the applicant will be required to pay a non-refundable contribution in aid of construction equal to the cost of such earthwork. Any additional extension required (over and above the first 300 feet) will be provided by Company for a contribution in aid of construction equal to the cost of the additional extension.
 - a. Extensions to isolated areas requiring a substantial extension of the electric distribution system, as opposed to an extension of the street lighting system, will require a special study to determine the terms and conditions under which the Company will undertake such an extension.
7. APS provides electric service under the Company's Service Schedules. These schedules provide details about how the Company serves its Customers, and they have provisions and charges that may affect the Customer's bill. In addition, service may be subject to special terms and conditions as provided for in a Customer contract or service agreement.

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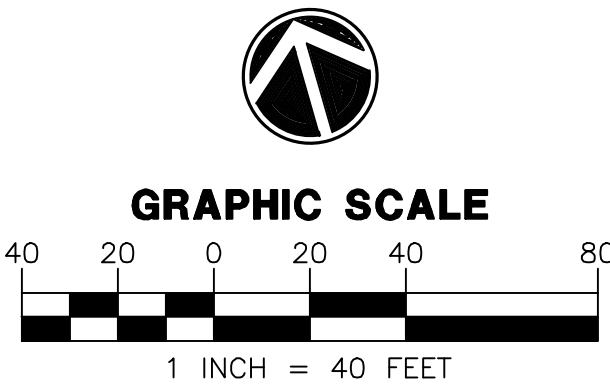
CONSTRUCTION NOTES

- (1) 41W LED (4,800 LUMEN) FIXTURE (LIGHT CODE RL41) WITH PHOTOELECTRIC CONTROL ON A 38'-0" DIRECT BURIED POLE (1940.36) WITH A 2" MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL3). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.
- (2) INSTALL APS PULL BOX NEXT TO POLE. INSTALL 1" CONDUIT WITH (2) #14 TYPE THHN/THWN AND (1) #14 BARE BOND FROM PULL BOX TO FUSE HOLDER IN STREET LIGHT PER APS DETAILS AND SPECIFICATIONS.
- (3) STREET LIGHT TO BE INSTALLED PER SEPARATE PLAN SET. SHOWN FOR REFERENCE ONLY.
- (4) (1) 88W LED (8,200 LUMEN) FIXTURE (LIGHT CODE RL42) WITH PHOTOELECTRIC CONTROL ON A 38'-0" DIRECT BURIED POLE (1940.36) WITH A 2" MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL3). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.

ROADWAY SCALEABLE LED 3000K						
LIGHT CODE	COLOR	APN	WATTS	VOLTS	INITIAL LUMENS	PHOTOMETRIC CURVE
RL40		00141047	32	120/208/240/277	3,800	ERL1_04B130_120-277VIES
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LEGEND

- 41W LED SHOEBOX STREET LIGHT
- 88W LED SHOEBOX STREET LIGHT
- STREET LIGHT PER SEPARATE PLAN
- EXISTING SHOEBOX STREET LIGHT
- PULL BOX
- NEW CONDUIT RUN
- FIRE HYDRANT

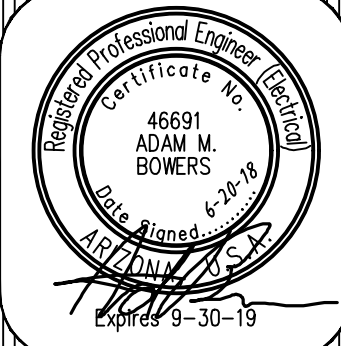


WRIGHT ENGINEERING
PROJECT NO:
18053-04
DESIGN BY: JKS
DRAWN BY: JKS
CHECKED BY: AMB

WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:
SURPRISE, ARIZONA
HOMESTEAD AT MARLEY PARK
PHASE 4 & 5 - PARCEL 7
STREET LIGHT PLAN

NO.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
1	APR 2018	1ST SUBMITTAL
2	JUN 2018	2ND SUBMITTAL



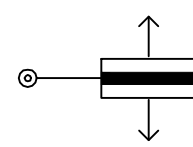
DRAWING NO:
SL2
OF 3

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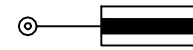


INT- W VALENTINE & N 141ST DR
12 points
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.3
Minimum 0.5
Avg:Min 1.60
Max:Min 2.60
Coef Var 0.37

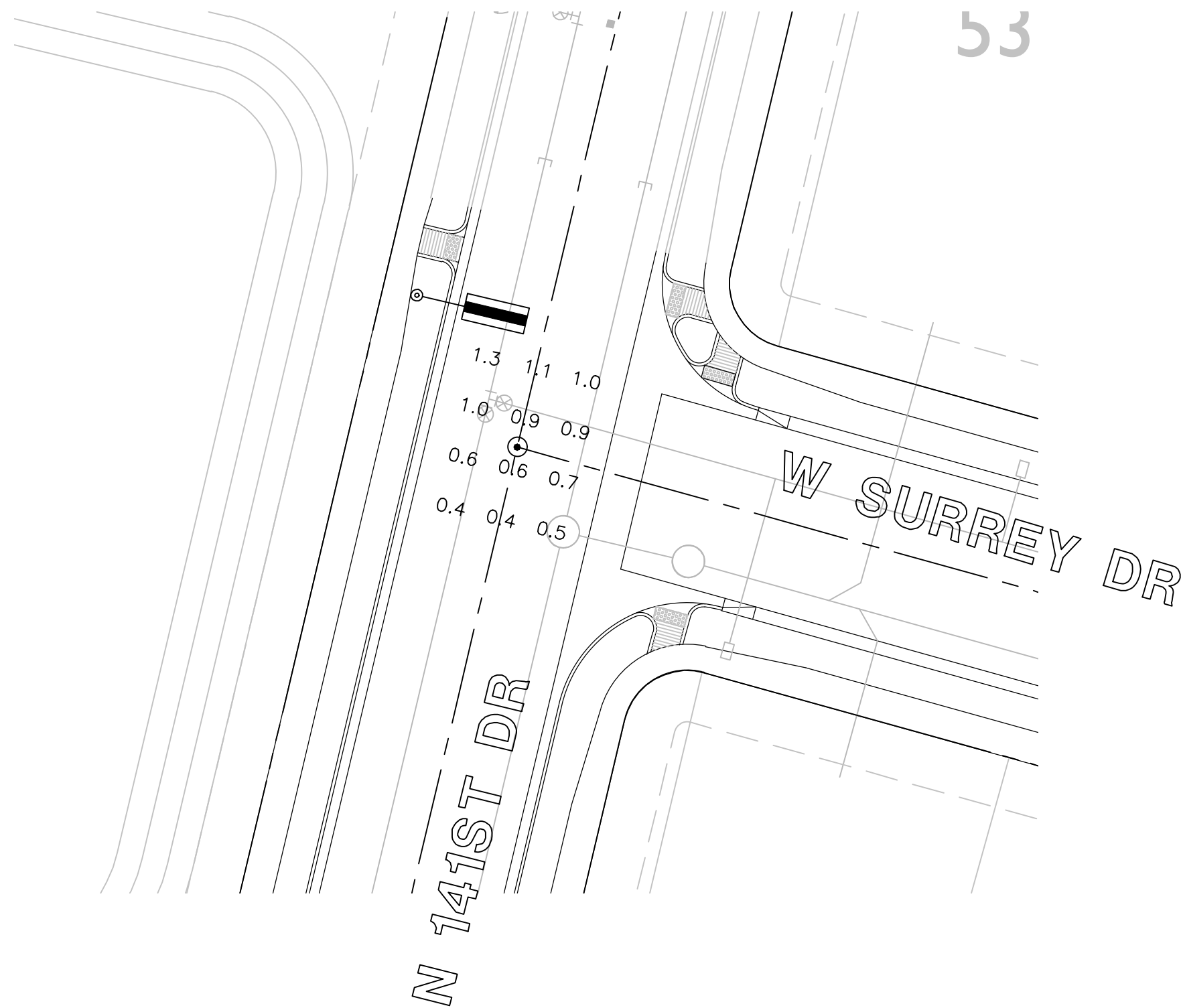
LEGEND



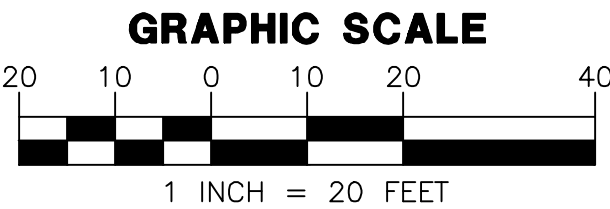
88W LED
2' MAST ARM
candela file 'eri1_08e130_tcm201-103998.ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 88
mounting height= 31.5 ft
number locations= 1, number luminaires= 1
kw all locations= 0.1



41W LED SHOEBOX
candela file 'eri1_05e130-120-277v_tcm201-103950.ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 41
mounting height= 31.5 ft
number locations= 1, number luminaires= 1
kw all locations= 0.0



INT- N 141ST SR & W SURREY DR
12 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.3
Minimum 0.4
Avg:Min 1.96
Max:Min 3.25
Coef Var 0.36
UnifGrad 1.67



WRIGHT
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ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807

PHOTOMETRIC CALCULATION SHEET. FOR INFORMATION ONLY.



PROJECT NAME:
HOMESTEAD AT MARLEY
PARK PHASE 4 & 5
PARCEL 7

WRIGHT ENG.
PROJECT NO: **18053**

DESIGN BY: NBG **PH-1**

HOMESTEAD AT MARLEY PARK PHASE 4 & 5

PARCEL 8

STREET LIGHT DESIGN

STREET LIGHTING REQUIREMENTS

5.00 GENERAL NOTES:

THE FOLLOWING INFORMATION IS PROVIDED TO EMPHASIZE CRITICAL WORK AND IS INTENDED TO SUPPLEMENT THE SPECIFICATIONS. SHOULD THERE BE A CONFLICT WITH THE SPECIFICATIONS, THIS DOCUMENT SHALL TAKE PRECEDENCE.

ALTERNATES SHALL BE PRE-APPROVED BY THE CITY ENGINEERING MANAGER. APPROVAL OF ALTERNATE PRODUCTS SHALL BE ON AN EQUAL BASIS WITH THE PRODUCT SPECIFIED AND SHALL BE SUBMITTED A MINIMUM OF TEN (10) DAYS PRIOR TO BID OPENING. STRUCTURAL CALCULATIONS SHALL BE FURNISHED FOR ALTERNATE PRODUCTS AND CERTIFIED BY A STRUCTURAL ENGINEER, REGISTERED IN THE STATE OF ARIZONA. LUMINAIRES AND LAMPS SHALL MEET OR EXCEED THE PHOTOMETRIC, ELECTRICAL, AND MECHANICAL REQUIREMENTS FOR THE SPECIFIED PRODUCTS.

THE CONTRACTOR SHALL COMPLY WITH STATE AND CITY STATUTES, AND MANUFACTURER'S RECOMMENDATIONS.

THE SUBMITTAL PACKAGE SHALL CONSIST OF THREE (3) COPIES OF EQUIPMENT/MATERIAL TO BE INSTALLED AND SHALL BE BOUND/STAPLED IN A FOLDER AND SUBMITTED AT THE TIME OF PERMIT APPLICATION.

PRIOR TO SUBMITTING A PROPOSAL, THE BIDDER SHALL EXAMINE ALL GENERAL CONSTRUCTION DRAWINGS AND VISIT THE CONSTRUCTION SITE TO BECOME FAMILIAR WITH EXISTING CONDITIONS UNDER WHICH HE WILL OPERATE AND WHICH WILL IN ANY WAY AFFECT THE WORK UNDER THE CONTRACT. NO SUBSEQUENT ALLOWANCE WILL BE MADE IN THIS CONNECTION IN THE BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLIGENCE ON HIS PART.

PRIOR TO ORDERING ANY MATERIALS OR DOING ANY WORK, THE CONTRACTOR SHOULD VERIFY DIMENSIONS AT THE SITE. IMMEDIATELY REPORT DIFFERENCES TO THE ENGINEERING MGR. AND SHOULD NOT PROCEED WITH WORK UNTIL THE ENGINEERING MGR. RENDERS A DECISION. NO EXTRA CHARGES OR COMPENSATION WILL BE ALLOWED FOR DIFFERENCES IN ACTUAL DIMENSIONS AND DIMENSIONS INDICATED ON THE DRAWINGS.

5.01 GENERAL:

THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH ALL LICENSING REQUIREMENTS SET FORTH BY THE STATE REGISTRAR OF CONTRACTORS OFFICE TO PERFORM WORK RELATING TO STREET LIGHT INSTALLATION IN THE CITY RIGHT-OF-WAY.

ONE PROJECT UNDERGROUND UTILITIES (RIGHT OF WAY) PERMIT AND ONE STREETLIGHT PERMIT FOR EACH STREET LIGHT POLE SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

5.02 WORKING / "AS BUILT" PLANS:

ACCEPTANCE OF THE COMPLETED IMPROVEMENTS WILL NOT BE GIVEN UNTIL 4 MIL PHOTO MYLAR REPRODUCIBLE "AS BUILT" PLANS HAVE BEEN SUBMITTED TO AND APPROVED BY THE CITY ENGINEER.

5.03 LIGHT POLES:

LIGHT POLES SHALL BE INSTALLED PLUMB, BE ADJUSTED TO PROVIDE PROPER ALIGNMENT TO THE ROADWAY WHEN LIGHTED AND BE PROPERLY GROUNDED WHEN THE INSTALLATION IS COMPLETE.

5.04 EMBEDMENT:

DIRECT BURIED POLES SHALL BE SET IN A TWELVE (12) INCH AUGURED HOLE DEPTH AS SPECIFIED IN UNDISTURBED EARTH. POLE SHALL BE SET PLUMB IN TWO DIRECTIONS 90 DEGREES APART. HAND TAMPING OF ABC BACKFILL WITH PNEUMATIC OR VIBRATING EQUIPMENT IS THE ACCEPTABLE METHOD OF COMPACTION. BACKFILL SHALL BE COMPACTED TO 85% OF MAXIMUM DENSITY AS DEFINED BY ASTM D-2922 AND D-3017. A GROUND ROD SHALL BE INSTALLED ADJACENT TO PULL BOX IN UNDISTURBED SOIL AND A LEAD IN COPPER BOND WIRE (#6) SHALL BE INSTALLED IN 1" CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT (OR EQUAL) FOR POLE GROUNDING.

SURPLUS EXCAVATION SHALL BE DISPOSED OF BY THE CONTRACTOR.

5.05 LUMINAIRES:

LUMINAIRES SHALL BE INSTALLED LEVEL AND INCLUDE A LAMP AND PHOTOCCELL. CONTRACTOR SHALL ASSURE THAT THE LUMINAIRES SHALL BE FREE OF DUST, DIRT OR ANYTHING THAT WOULD IMPAIR THE OUTPUT OF THE LIGHT BEFORE HE LEAVES THE SITE.

LUMINAIRES FURNISHED WITH MULTI-TAP BALLASTS SHALL BE REWIRED OR RECONNECTED TO MATCH THE VOLTAGE SUPPLIED BY THE ELECTRIC UTILITY COMPANY.

5.06 WIRING:

WIRING SHALL BE INSTALLED PER UTILITY STANDARDS.

5.07 GROUNDING:

EACH POLE SHALL HAVE A 8' x 5/8" COPPER CLAD GROUND ROD DRIVEN ADJACENT TO PULL BOX. A #6 BARE COPPER LEAD FROM THE GROUND ROD IN PULL BOX TO LANDING LUG IN STREET LIGHT POLE HAND HOLE.

5.08 PULL BOXES:

EXCAVATION FOR PULL BOXES AND MATERIAL SPECIFICATION SHALL BE PER THE ELECTRIC UTILITY COMPANY STANDARDS.

5.09 TRENCH

TRENCH SHALL BE INSTALLED PER THE UTILITY COMPANY STANDARDS.

THE USE OF A COMMON ELECTRIC UTILITY COMPANY TRENCH IS PERMITTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE UTILITY COMPANY FOR COORDINATION OF TRENCHING AND THE INSTALLATION OF CONDUIT.

CONDUIT SHALL BE INSTALLED AT THE DEPTH SPECIFIED ON THE PLANS. CONDUIT SHALL BE 1 INCH CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT OR EQUAL. CONDUIT MUST BE UL RATED AND SUITABLE FOR UNDERGROUND USE.

CONNECTIONS SHALL BE PER UTILITY STANDARDS.

5.12 LIGHT POLE IDENTIFICATION:

THE CONTRACTOR SHALL FURNISH AND INSTALL A NUMBER ON EACH LIGHT POLE. STREET LIGHT POLE IDENTIFICATION AND SPECIFICATIONS WILL BE PROVIDED BY THE CITY OF SURPRISE.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO RESTORE ALL PROPERTY, LANDSCAPING, PAVING AND DRIVEWAYS THAT ARE DISTURBED DURING STREET LIGHT CONSTRUCTION TO THEIR ORIGINAL CONDITION IN CONFORMANCE WITH "MAG" SPECIFICATION SECTION 107.9.

THE DEVELOPER SHALL BE RESPONSIBLE FOR FURNISHING ALL PERSONNEL AND EQUIPMENT TO SUCCESSFULLY PERFORM THE FOLLOWING TEST.

PRIOR TO ACCEPTANCE, THE DEVELOPER SHALL ENERGIZE AND OPERATE THE ENTIRE ROADWAY LIGHTING SYSTEM, FROM SUNSET TO SUNRISE FOR TWO CONSECUTIVE DAYS WITHOUT INTERRUPTION OR FAILURE. IF A LAMP OR BALLAST SHOULD FAIL, IT SHALL BE IMMEDIATELY REPLACED.

THE CONTRACTOR SHALL GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE ENGINEERING MANAGER, AGAINST IMPERFECT WORKMANSHIP, FAILURE, MALFUNCTION OF MATERIALS AND/OR EQUIPMENT DUE TO FAULTY OR IMPERFECT WORKMANSHIP. THIS GUARANTEE IS TO BE IN WRITING TO THE CITY AT THE TIME OF ISSUING FINAL ACCEPTANCE. WORK FOUND TO BE DEFECTIVE WITHIN THE WARRANTY PERIOD SHALL BE REPLACED WITHOUT COST TO THE CITY.

GENERAL ENGINEERING NOTES:

- ALL CONSTRUCTION MUST CONFORM TO MARICOPA ASSOCIATION OF GOVERNMENT (MAG) SPECIFICATIONS AND DETAILS AND LATEST REVISIONS UNLESS OTHERWISE STATED ON PLANS.
- THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND THEY WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL OVERHEAD AND UNDERGROUND UTILITY LOCATIONS WHERE CONSTRUCTION OCCURS. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT ALL UTILITIES ARE AVOIDED. UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND NOT FOR CONSTRUCTION PURPOSES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AND OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT ARIZONA UNDERGROUND FACILITIES LAWS (ARIZONA REVISED STATUTES TITLE 40, CHAPTER 2, ARTICLE 6.3, SECTION 40-360.21-32). CALL ARIZONA 811 FOR FIELD LOCATION BY DIAL 811.
- THE CITY OF SURPRISE ENGINEERING SERVICES OF PUBLIC WORKS SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK AT 623-222-6150.
- THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION OR VARIATION FROM THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE PROPOSED AND RESUBMITTED FOR REVIEW AND APPROVAL.
- THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE DRAWING, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE. EXISTING SURFACE FEATURES AND FENCING SHALL BE REPLACED IN KIND.
- ANY INSPECTION BY THE CITY, COUNTY, OR THE ENGINEER, SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE APPLICABLE CODES AND AGENCY REQUIREMENTS.
- THE CONTRACTOR IS TO LOCATE ALL EXISTING LANDSCAPING, LANDSCAPING IRRIGATION LINES, PROPERTY MONUMENTS, FENCING OR SURFACE FEATURES PRIOR TO CONSTRUCTION. ANYTHING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
- NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
- ALL CONSTRUCTION WATER USED WITHIN THE CITY OF SURPRISE WATER SERVICE AREA REQUIRES APPROVAL BY THE CITY OF SURPRISE PUBLIC WORKS DEPARTMENT AND MAY BE SUBJECT TO VOLUME AND TIME RESTRICTIONS. PLEASE SEE THE CITY OF SURPRISE CONSTRUCTION WATER GUIDELINES FOR ADDITIONAL INFORMATION. THE GUIDELINES CAN BE OBTAINED FROM THE PUBLIC WORKS DEPARTMENT AT 623-222-6000.
- TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH MAG SPECIFICATION 401, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND THE "TEMPORARY WORK ZONE TRAFFIC MANAGEMENT POLICY" (LATEST EDITION).
- PRIOR TO FINAL APPROVAL AND ACCEPTANCE OF THE WORK, THE DEVELOPER/CONTRACTOR WILL BE REQUIRED TO CLEAN AND REPAIR ADJACENT (OFF-PROJECT)
- EMERGENCY VEHICLE ACCESS (E.V.A.) MUST BE PROVIDED BY THE DEVELOPER/CONTRACTOR THROUGHOUT THE PROJECT SITE. E.V.A. ROADS AND SIGNAGE SHALL BE MAINTAINED BY THE DEVELOPER/CONTRACTOR AT ALL TIMES. SIGNAGE SHALL BE POSTED AT THE POINT OF ENTRY TO THE SITE AND AT ALL LOCATIONS WHERE A CHANGE IN DIRECTION OCCURS.
- THE PLANS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT'S ACCESSIBILITY GUIDELINES, AS PUBLISHED IN THE FEDERAL REGISTER ON SEPTEMBER 15, 2010.

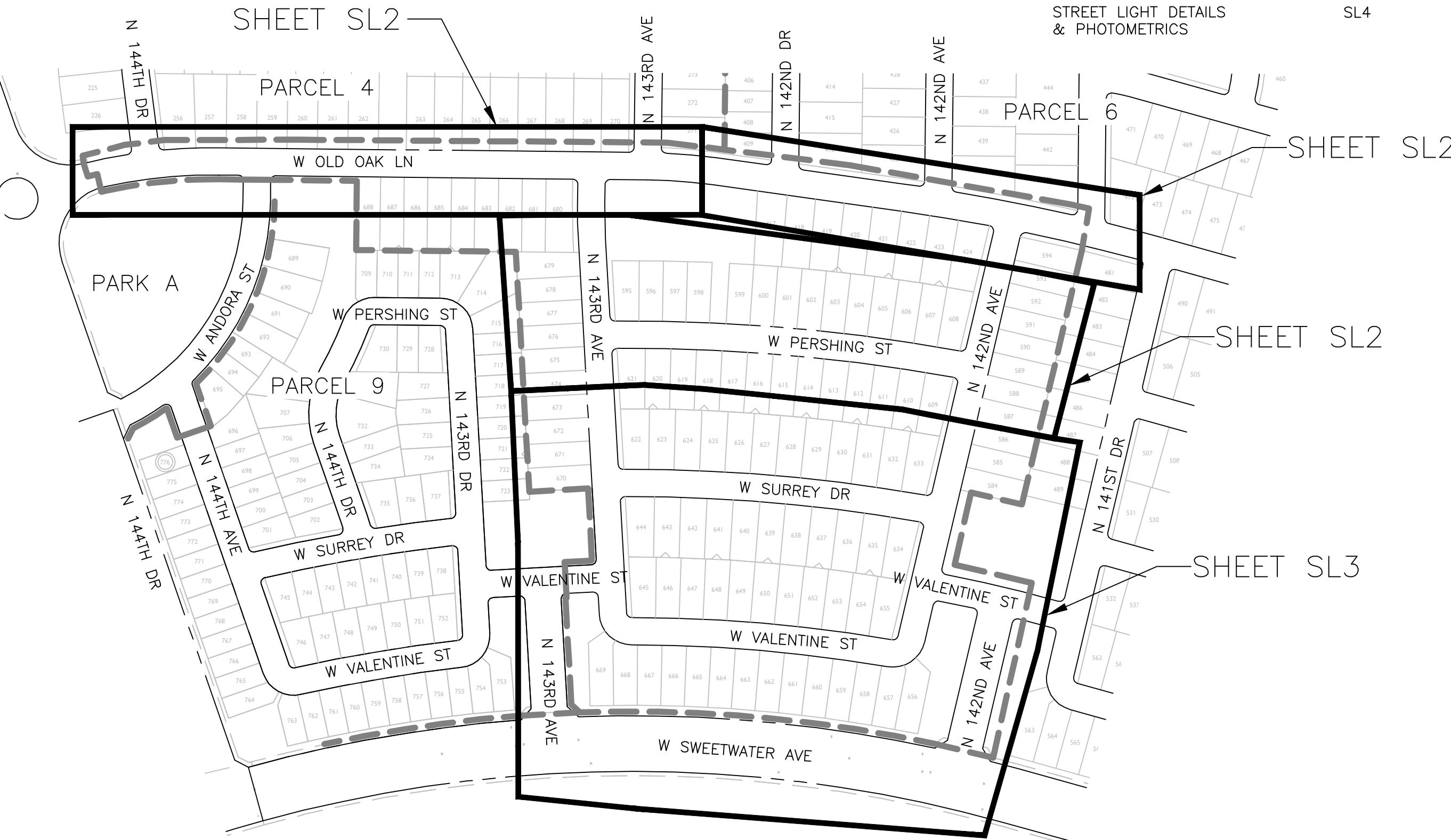
UTILITIES WITHIN OR AFFECTED BY THE PROJECT		
UTILITY	CONTACT	DATE SUBMITTED
ARIZONA PUBLIC SERVICE		4/06/2018
CENTURY LINK		4/06/2018
COX COMMUNICATIONS		4/06/2018
COS WATER		4/06/2018
SOUTHWEST GAS		4/06/2018

NOTE

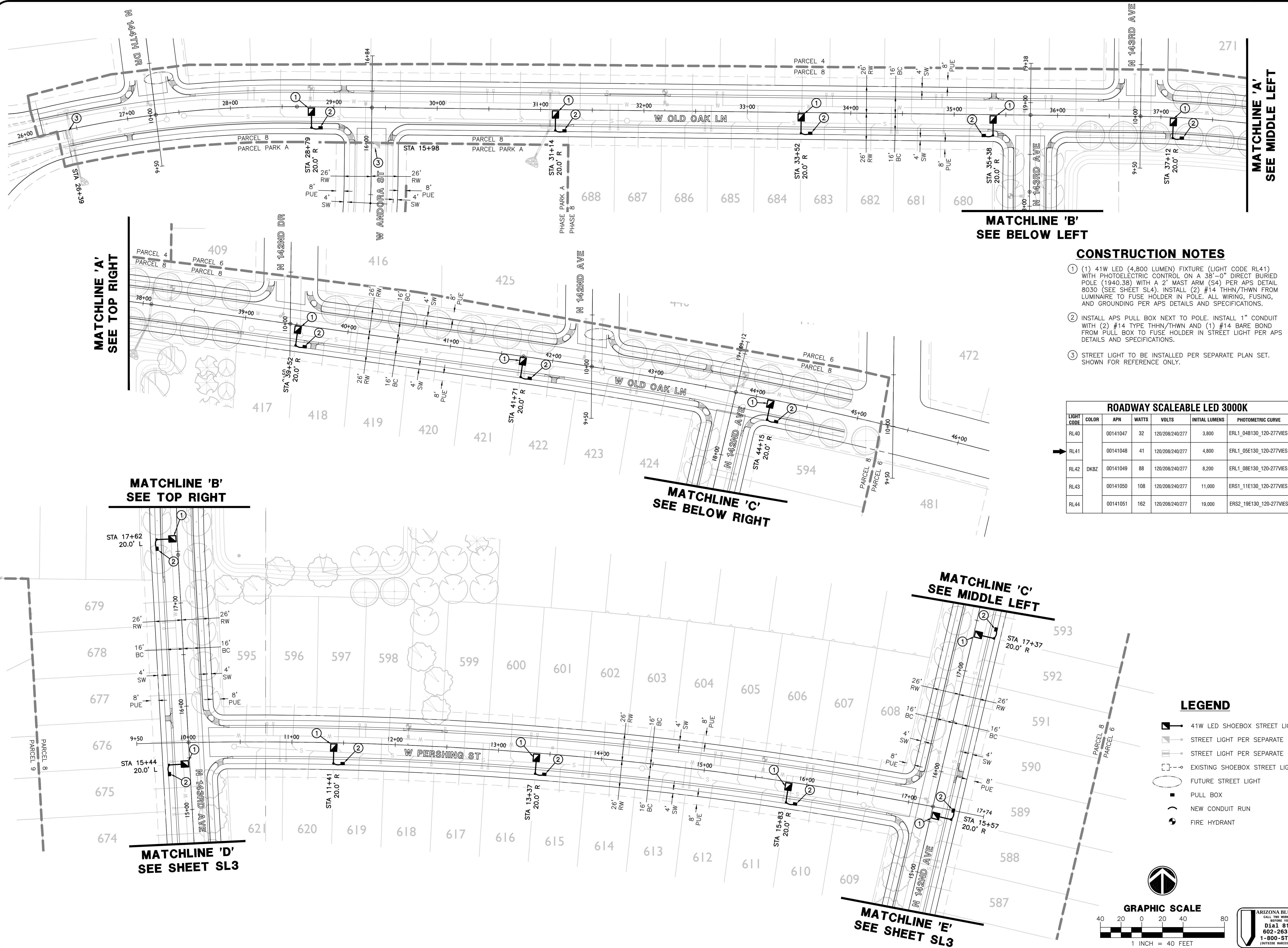
THE ELECTRICAL/MAINTENANCE COSTS OF ALL STREET LIGHTS ON LOCAL AND COLLECTOR STREETS (TYPICALLY THE 100 WATT / 9,500 LUMEN AND THE 150 WATT /16,000 LUMEN FIXTURES) ARE TO BE PAID BY THE ADJACENT PROJECT OR THE ADJACENT DEVELOPMENT'S STREET LIGHT IMPROVEMENT DISTRICT (SLID). THE ELECTRICAL / MAINTENANCE COSTS OF ALL STREET LIGHTS ON ARTERIAL STREETS (TYPICALLY THE 250 WATT/ 30,000 LUMEN FIXTURES) ARE TO BE BILLED TO THE CITY OF SURPRISE'S ENERGY BILL.

LED NOTE

LED TECHNOLOGY IS CHANGING RAPIDLY. THE FIXTURES SHOWN ON THESE PLANS MAY NOT BE APPLICABLE AT TIME OF CONSTRUCTION. CONTRACTOR TO COORDINATE WITH APS AND UTILIZE THEIR CURRENT SPECIFICATION AT THE TIME OF BIDDING AND CONSTRUCTION.



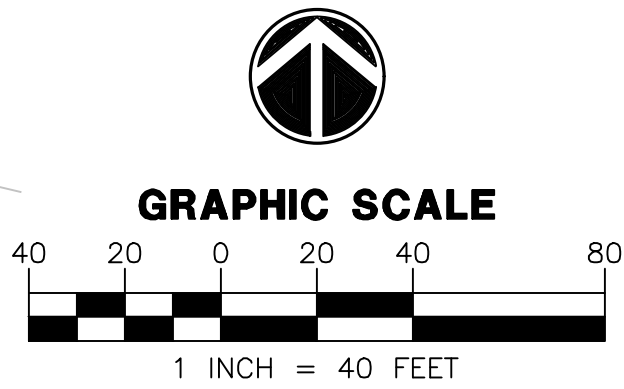
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 - STREET LIGHT TO BE INSTALLED PER SEPARATE PLAN SET. SHOWN FOR REFERENCE ONLY.

ROADWAY SCALEABLE LED 3000K						
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- LEGEND**
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 - STREET LIGHT PER SEPARATE PLAN
 - EXISTING SHOEBOS STREET LIGHT
 - FUTURE STREET LIGHT
 - PULL BOX
 - NEW CONDUIT RUN
 - FIRE HYDRANT



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CALL TWO WORKING DAYS
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1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

WRIGHT ENGINEERING
PROJECT NO:
18053-05

DESIGN BY: JKS
DRAWN BY: JKS
CHECKED BY: AMB

WRIGHT
engineering corporation

ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:

SURPRISE, ARIZONA

HOMESTEAD AT MARLEY PARK

PHASE 4 & 5 - PARCEL 8

STREET LIGHT PLAN

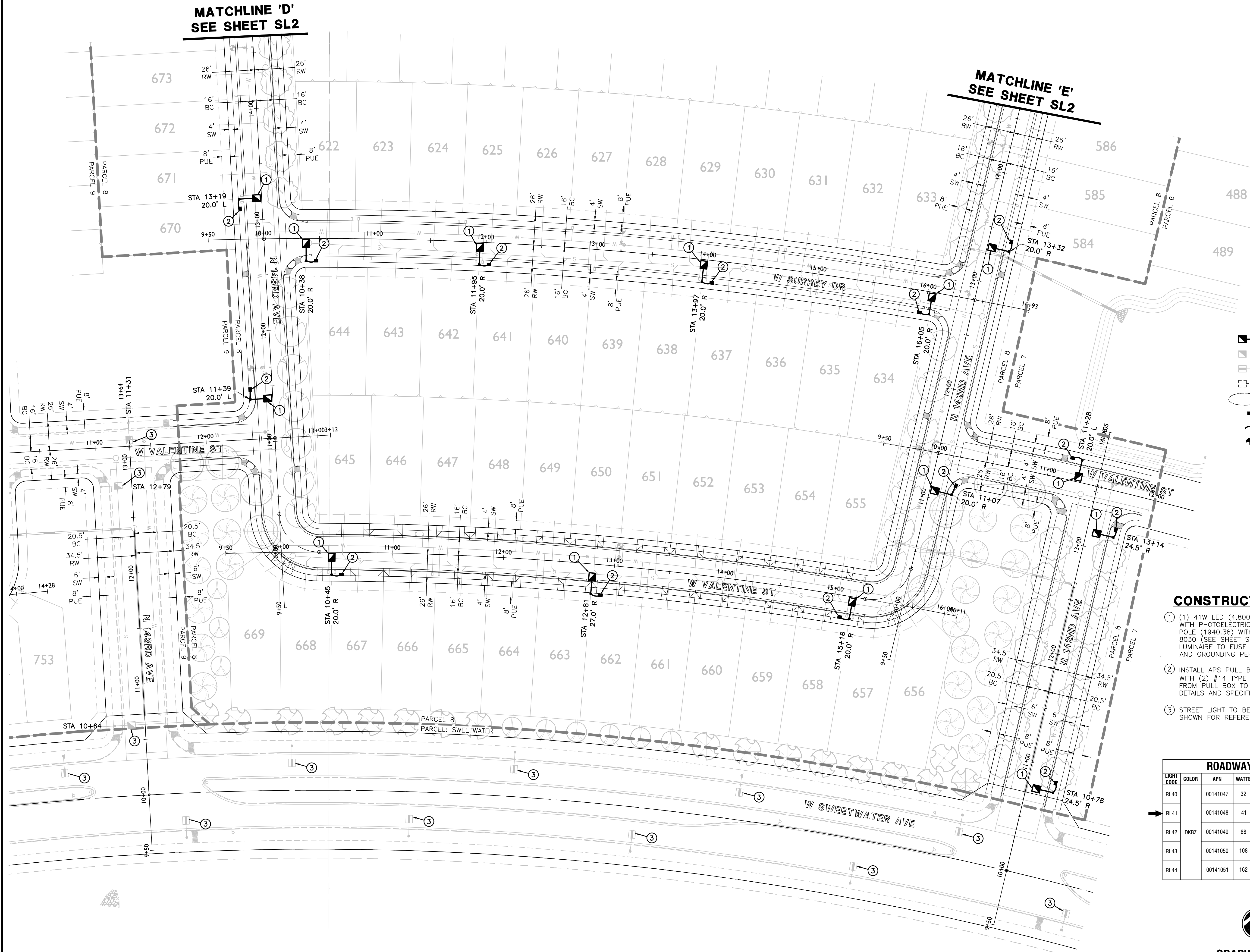
NO.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
1	MAR 2018	1ST SUBMITTAL
2	MAY 2018	2ND SUBMITTAL

Professional Engineer Seal
46691
ADAM M. BOWERS
Exp. 9-30-19

DRAWING NO:
SL2
OF 4

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LEGEND

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- STREET LIGHT PER SEPARATE PLAN
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CONSTRUCTION NOTES

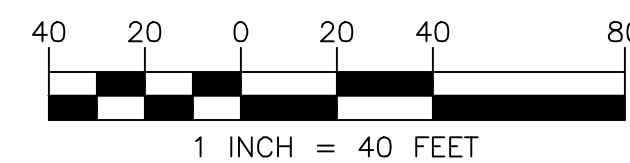
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RL43		00141050	108	120/208/240/277	11,000	ERS1_11E130_120-277VIES
RL44		00141051	162	120/208/240/277	19,000	ERS2_19E130_120-277VIES



GRAPHIC SCALE



1 INCH = 40 FEET



WRIGHT ENGINEERING
PROJECT NO:
18053-05
DESIGN BY: JKS
DRAWN BY: JKS
CHECKED BY: AMB

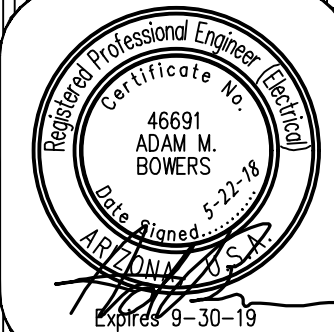
WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:

SURPRISE, ARIZONA
HOMESTEAD AT MARLEY PARK
PHASE 4 & 5 - PARCEL 8
STREET LIGHT PLAN

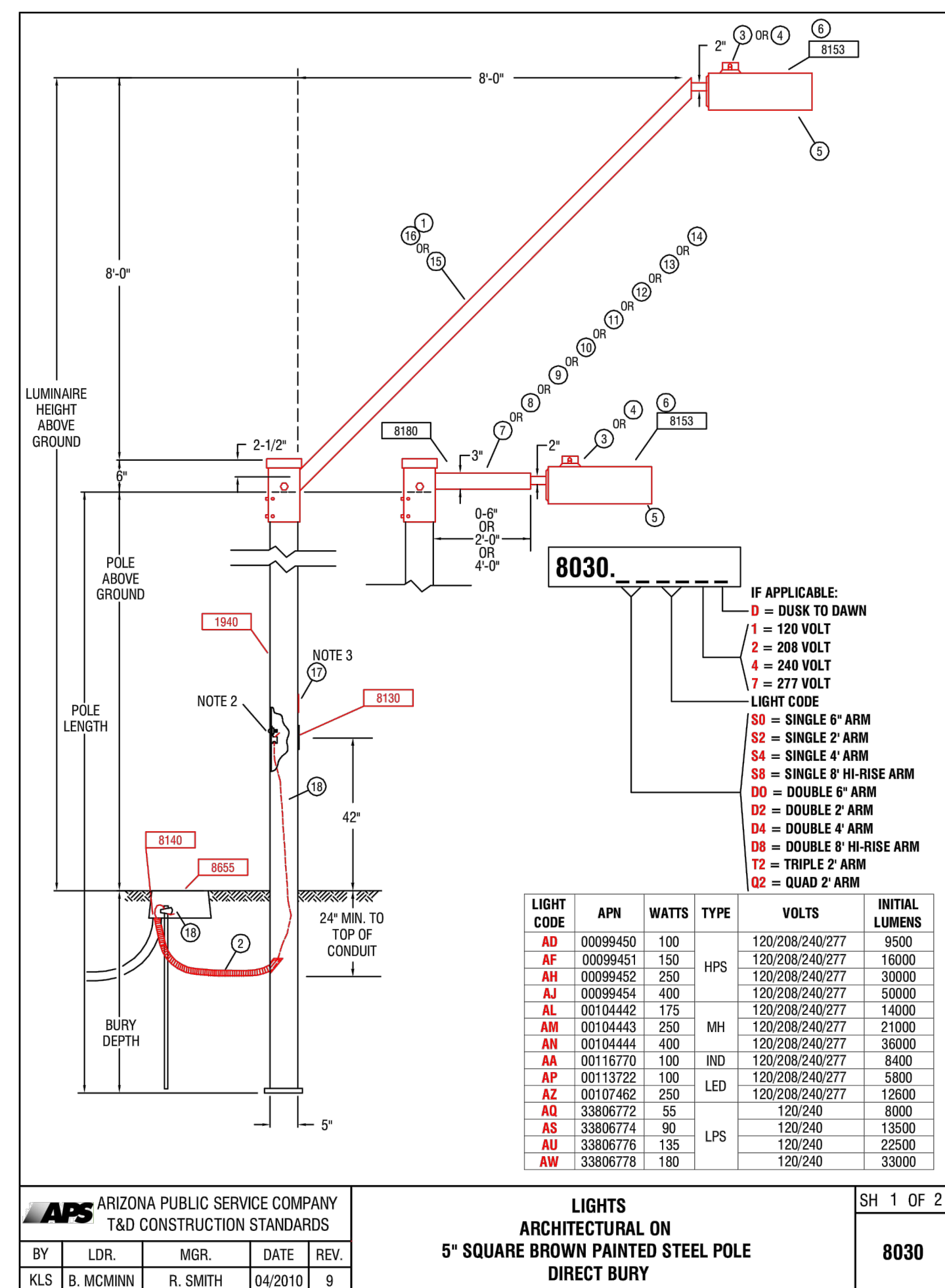
NO. DATE SUBMITTALS/REVISIONS (DESCRIPTIONS)

1 MAR 2018 1ST SUBMITTAL
2 MAY 2018 2ND SUBMITTAL



DRAWING NO:
SL3
OF 4

H:\2018\18053-Morley Park Phase 4,5\18053-Parcel 8-SL.dwg



1. ADJUST PHOTO EYE TO FACE NORTH.
2. A GROUND ROD IS PROVIDED WITH THE J-BOX. WHERE A GROUND ROD CAN NOT BE DRIVEN, ALTERNATE GROUND BE USED. SEE 2449 THRU 2460 FOR APPROVED ALTERNATES.
3. SIGN: "NOTICE THIS POLE IS OWNED AND MAINTAINED BY APS. DISCONNECT INSIDE." IS REQUIRED ON ALL DUSK-TO-DAWN AND AREA LIGHTING APPLICATIONS.
4. POLES THAT HAVE MORE THAN ONE LUMINAIRE REQUIRE A SEPARATE CIRCUIT WITH FUSING FROM THE J-BOX TO EACH LUMINAIRE.
5. USING THE 20'-0" POLE TO MATCH THE 16'-0" PEDESTRIAN LIGHT MOUNTING HEIGHT REduce POLE BURY DEPTH TO 4'-0".
6. THE BROWN PHOTO CONTROL IS A FAIL OFF CONTROL AND SHALL BE USED WITH ALL INDUCTION AND LED LUMINAIRES.
7. ON 277 VOLT STREET LIGHT CIRCUITS, INSTALL A "277 VOLT" MICRARTA TAG ON CABLE IN J-BOX. TAG PROVIDED BY SPEC 8129.
8. THE LUMINAIRE SHOWN IS RECOMMENDED FOR THIS MOUNTING HEIGHT. SEE 8153 FOR ADDITIONAL BROWN ARCHITECTURAL LUMINAIRES.
9. THE TWO ARMED TENON BRACKET POSITIONS THE DOUBLE ARM 180 DEGREES APART.
10. TO ACCOMMODATE LESS THAN THE SPECIFIED LUMINAIRE MOUNTING HEIGHT, A SHOP ORDER IS REQUIRED TO HAVE A PORTION FROM THE TOP OF THE POLE CUT OFF. THE TENON ARM BRACKET SLIDES OVER AND COVERS THE CUT PORTION OF THE POLE.
11. IN-LINE FUSE FOR UNDERGROUND FEEDS, SEE 8130-8131.
12. FOR PEDESTRIAN ONLY APPLICATIONS SEE 8030.

POLE CODE	POLE LENGTH	BURY DEPTH	POLE ABOVE GROUND	LUMINAIRE HEIGHT ABOVE GROUND			
				6IN ARM	2FT ARM	4FT ARM	8FT ARM
1940.20	20'-0"	5'-0"	15'-0"	15'-0"	15'-0"	15'-0"	---
1940.30	30'-6"	5'-0"	25'-0"	25'-0"	25'-0"	25'-0"	33'-0"
1940.34	34'-0"	6'-0"	28'-0"	28'-0"	28'-0"	28'-0"	39'-6"
1940.38	38'-0"	6'-6"	31'-6"	31'-6"	31'-6"	31'-6"	39'-6"

* SEE NOTE 5

MATERIAL LIST												
CODE	830.00	830.02	830.04	830.08	830.09	830.02	830.04	830.08	830.12	830.02		
ITEM	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	DESCRIPTION	APN
1	-	-	-	-	-	-	1	-	-	-	BRACKET AIR SLIP BOLTED	00092521
2	1	1	1	1	1	1	1	1	1	1	CRANCHI 1" PVC FLEX CORN	32008091
3	-	-	-	-	-	-	-	2	3	-	CONTROL PULLEY MULTI BRACK	00073961
4	VAR	VAR	VAR	VAR	VAR	VAR	VAR	VAR	VAR	VAR	CORR. PROT. MULTI BRACK	00073961
5	1	1	1	1	1	1	2	2	3	4	LAMP - SEE B104, 017	00073244
6	1	1	1	1	1	2	2	2	3	3	LUMINAIRE - SEE CHART	
7	1	1	1	1	1	-	-	-	-	-	MAST ARM STL 3" X 50' X SGL	86370
8	-	-	-	-	-	-	-	-	-	-	MAST ARM STL 3" X 50' X DBL	0012154
9	-	-	-	-	-	1	-	-	-	-	MAST ARM STL 3" X 50' X 2 DBL	33701116
10	-	-	-	-	-	-	-	1	-	-	MAST ARM STL 3" X 50' X 2 DBL	33701117
11	-	-	-	-	-	-	-	-	1	-	MAST ARM STL 3" X 50' X TPL	52664
12	-	-	-	-	-	-	-	-	-	-	CONST ARM STL 3" X 50' X QUD	00075065
13	-	-	-	-	-	-	-	-	-	-	MAST ARM STL 3" X 50' X QUD	00061738
14	1	-	-	-	-	1	2	-	-	-	MAST ARM STL 3" X 50' X DBL	00073267
15	-	-	-	-	-	-	-	-	-	-	MAST ARM STL 3" X 50' X SGL	00073212
16	1	1	1	1	1	1	1	1	1	1	MAST ARM STL 3" BOLT-FIN	00073220
17	-	-	-	-	-	-	-	-	-	-	SPIN DOWNED 48" APN	00050524
18	1	1	1	1	1	1	1	1	1	1	WIRE BARE - SOLID CU	33007580

 ARIZONA PUBLIC SERVICE COMPANY T&D CONSTRUCTION STANDARDS					LIGHTS ARCHITECTURAL ON 5" SQUARE BROWN PAINTED STEEL POLE DIRECT BURY	SH 2 OF 2 8030
BY	LDR.	MGR.	DATE	REV.		
KLS	B. MCMINN	R. SMITH	04/2010	9		

PHOTOMETRICS



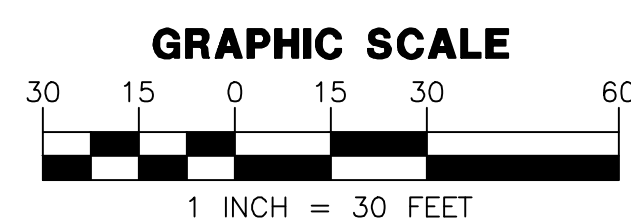
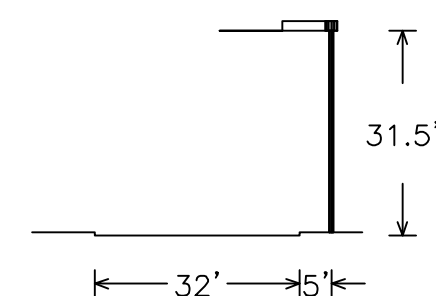
LEGEND

41W LED SHOEXBOX
candela file 'erl1_05e130-120-277v_tcm201-103950.ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 41
mounting height= 31.5 ft
number locations= 4, number luminaires= 4
kw all locations= 0.2

```

Roadway Grid
60 points at z=0, sp 15.667ft by 8ft
HORIZONTAL FOOTCANDLES
Average      0.4
Maximum     1.2
Minimum      0.1
Avg:Min      3.50
Max:Min     12.00
Coef Var     0.94
UnifGrad     2.00

```



HOMESTEAD AT MARLEY PARK PHASE 4 & 5

PARCEL 9

STREET LIGHT DESIGN

STREET LIGHTING REQUIREMENTS

5.00 GENERAL NOTES:

THE FOLLOWING INFORMATION IS PROVIDED TO EMPHASIZE CRITICAL WORK AND IS INTENDED TO SUPPLEMENT THE SPECIFICATIONS. SHOULD THERE BE A CONFLICT WITH THE SPECIFICATIONS, THIS DOCUMENT SHALL TAKE PRECEDENCE.

ALTERNATES SHALL BE PRE-APPROVED BY THE CITY ENGINEERING MANAGER. APPROVAL OF ALTERNATE PRODUCTS SHALL BE ON AN EQUAL BASIS WITH THE PRODUCT SPECIFIED AND SHALL BE SUBMITTED A MINIMUM OF TEN (10) DAYS PRIOR TO BID OPENING. STRUCTURAL CALCULATIONS SHALL BE FURNISHED FOR ALTERNATE PRODUCTS AND CERTIFIED BY A STRUCTURAL ENGINEER, REGISTERED IN THE STATE OF ARIZONA. LUMINAIRES AND LAMPS SHALL MEET OR EXCEED THE PHOTOMETRIC, ELECTRICAL, AND MECHANICAL REQUIREMENTS FOR THE SPECIFIED PRODUCTS.

THE CONTRACTOR SHALL COMPLY WITH STATE AND CITY STATUTES, AND MANUFACTURER'S RECOMMENDATIONS.

THE SUBMITTAL PACKAGE SHALL CONSIST OF THREE (3) COPIES OF EQUIPMENT/MATERIAL TO BE INSTALLED AND SHALL BE BOUND/STAPLED IN A FOLDER AND SUBMITTED AT THE TIME OF PERMIT APPLICATION.

PRIOR TO SUBMITTING A PROPOSAL, THE BIDDER SHALL EXAMINE ALL GENERAL CONSTRUCTION DRAWINGS AND VISIT THE CONSTRUCTION SITE TO BECOME FAMILIAR WITH EXISTING CONDITIONS UNDER WHICH HE WILL OPERATE AND WHICH WILL IN ANY WAY AFFECT THE WORK UNDER THE CONTRACT. NO SUBSEQUENT ALLOWANCE WILL BE MADE IN THIS CONNECTION IN THE BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLIGENCE ON HIS PART.

PRIOR TO ORDERING ANY MATERIALS OR DOING ANY WORK, THE CONTRACTOR SHOULD VERIFY DIMENSIONS AT THE SITE. IMMEDIATELY REPORT DIFFERENCES TO THE ENGINEERING MGR. AND SHOULD NOT PROCEED WITH WORK UNTIL THE ENGINEERING MGR. RENDERS A DECISION. NO EXTRA CHARGES OR COMPENSATION WILL BE ALLOWED FOR DIFFERENCES IN ACTUAL DIMENSIONS AND DIMENSIONS INDICATED ON THE DRAWINGS.

5.01 GENERAL:

THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH ALL LICENSING REQUIREMENTS SET FORTH BY THE STATE REGISTRAR OF CONTRACTORS OFFICE TO PERFORM WORK RELATING TO STREET LIGHT INSTALLATION IN THE CITY RIGHT-OF-WAY.

ONE PROJECT UNDERGROUND UTILITIES (RIGHT OF WAY) PERMIT AND ONE STREETLIGHT PERMIT FOR EACH STREET LIGHT POLE SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

5.02 WORKING / "AS BUILT" PLANS:

ACCEPTANCE OF THE COMPLETED IMPROVEMENTS WILL NOT BE GIVEN UNTIL 4 MIL PHOTO MYLAR REPRODUCIBLE "AS BUILT" PLANS HAVE BEEN SUBMITTED TO AND APPROVED BY THE CITY ENGINEER.

5.03 LIGHT POLES:

LIGHT POLES SHALL BE INSTALLED PLUMB, BE ADJUSTED TO PROVIDE PROPER ALIGNMENT TO THE ROADWAY WHEN LIGHTED AND BE PROPERLY GROUNDED WHEN THE INSTALLATION IS COMPLETE.

5.04 EMBEDMENT:

DIRECT BURIED POLES SHALL BE SET IN A TWELVE (12) INCH AUGURED HOLE DEPTH AS SPECIFIED IN UNDISTURBED EARTH. POLE SHALL BE SET PLUMB IN TWO DIRECTIONS 90 DEGREES APART. HAND TAMPING OF ABC BACKFILL WITH PNEUMATIC OR VIBRATING EQUIPMENT IS THE ACCEPTABLE METHOD OF COMPACTION. BACKFILL SHALL BE COMPACTED TO 85% OF MAXIMUM DENSITY AS DEFINED BY ASTM D-2922 AND D-3017. A GROUND ROD SHALL BE INSTALLED ADJACENT TO PULL BOX IN UNDISTURBED SOIL AND A LEAD IN COPPER BOND WIRE (#6) SHALL BE INSTALLED IN 1" CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT (OR EQUAL) FOR POLE GROUNDING.

SURPLUS EXCAVATION SHALL BE DISPOSED OF BY THE CONTRACTOR.

5.05 LUMINAIRES:

LUMINAIRES SHALL BE INSTALLED LEVEL AND INCLUDE A LAMP AND PHOTOCCELL. CONTRACTOR SHALL ASSURE THAT THE LUMINAIRES SHALL BE FREE OF DUST, DIRT OR ANYTHING THAT WOULD IMPAIR THE OUTPUT OF THE LIGHT BEFORE HE LEAVES THE SITE.

LUMINAIRES FURNISHED WITH MULTI-TAP BALLASTS SHALL BE REWIRED OR RECONNECTED TO MATCH THE VOLTAGE SUPPLIED BY THE ELECTRIC UTILITY COMPANY.

5.06 WIRING:

WIRING SHALL BE INSTALLED PER UTILITY STANDARDS.

5.07 GROUNDING:

EACH POLE SHALL HAVE A 8' X 5/8" COPPER CLAD GROUND ROD DRIVEN ADJACENT TO PULL BOX. A #6 BARE COPPER LEAD FROM THE GROUND ROD IN PULL BOX TO LANDING LUG IN STREET LIGHT POLE HAND HOLE.

5.08 PULL BOXES:

EXCAVATION FOR PULL BOXES AND MATERIAL SPECIFICATION SHALL BE PER THE ELECTRIC UTILITY COMPANY STANDARDS.

5.09 TRENCH

TRENCH SHALL BE INSTALLED PER THE UTILITY COMPANY STANDARDS.

THE USE OF A COMMON ELECTRIC UTILITY COMPANY TRENCH IS PERMITTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE UTILITY COMPANY FOR COORDINATION OF TRENCHING AND THE INSTALLATION OF CONDUIT.

CONDUIT SHALL BE INSTALLED AT THE DEPTH SPECIFIED ON THE PLANS. CONDUIT SHALL BE 1 INCH CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT OR EQUAL. CONDUIT MUST BE UL RATED AND SUITABLE FOR UNDERGROUND USE.

CONNECTIONS SHALL BE PER UTILITY STANDARDS.

5.12 LIGHT POLE IDENTIFICATION:

THE CONTRACTOR SHALL FURNISH AND INSTALL A NUMBER ON EACH LIGHT POLE. STREET LIGHT POLE IDENTIFICATION AND SPECIFICATIONS WILL BE PROVIDED BY THE CITY OF SURPRISE.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO RESTORE ALL PROPERTY, LANDSCAPING, PAVING AND DRIVEWAYS THAT ARE DISTURBED DURING STREET LIGHT CONSTRUCTION TO THEIR ORIGINAL CONDITION IN CONFORMANCE WITH "MAG" SPECIFICATION SECTION 107.9.

THE DEVELOPER SHALL BE RESPONSIBLE FOR FURNISHING ALL PERSONNEL AND EQUIPMENT TO SUCCESSFULLY PERFORM THE FOLLOWING TEST.

PRIOR TO ACCEPTANCE, THE DEVELOPER SHALL ENERGIZE AND OPERATE THE ENTIRE ROADWAY LIGHTING SYSTEM, FROM SUNSET TO SUNRISE FOR TWO CONSECUTIVE DAYS WITHOUT INTERRUPTION OR FAILURE. IF A LAMP OR BALLAST SHOULD FAIL, IT SHALL BE IMMEDIATELY REPLACED.

THE CONTRACTOR SHALL GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE ENGINEERING MANAGER, AGAINST IMPERFECT WORKMANSHIP, FAILURE, MALFUNCTION OF MATERIALS AND/OR EQUIPMENT DUE TO FAULTY OR IMPERFECT WORKMANSHIP. THIS GUARANTEE IS TO BE IN WRITING TO THE CITY AT THE TIME OF ISSUING FINAL ACCEPTANCE. WORK FOUND TO BE DEFECTIVE WITHIN THE WARRANTY PERIOD SHALL BE REPLACED WITHOUT COST TO THE CITY.

GENERAL ENGINEERING NOTES:

- ALL CONSTRUCTION MUST CONFORM TO MARICOPA ASSOCIATION OF GOVERNMENT (MAG) SPECIFICATIONS AND DETAILS AND LATEST REVISIONS UNLESS OTHERWISE STATED ON PLANS.
- THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND THEY WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL OVERHEAD AND UNDERGROUND UTILITY LOCATIONS WHERE CONSTRUCTION OCCURS. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT ALL UTILITIES ARE AVOIDED. UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND NOT FOR CONSTRUCTION PURPOSES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AND OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT ARIZONA UNDERGROUND FACILITIES LAWS (ARIZONA REVISED STATUTES TITLE 40, CHAPTER 2, ARTICLE 6.3, SECTION 40-360.21-32). CALL ARIZONA 811 FOR FIELD LOCATION BY DIAL 811.
- THE CITY OF SURPRISE ENGINEERING SERVICES OF PUBLIC WORKS SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK AT 623-222-6150.
- THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION OR VARIANCE FROM THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE PROPOSED AND RESUBMITTED FOR REVIEW AND APPROVAL.
- THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE DRAWING, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE. EXISTING SURFACE FEATURES AND FENCING SHALL BE REPLACED IN KIND.
- ANY INSPECTION BY THE CITY, COUNTY, OR THE ENGINEER, SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE APPLICABLE CODES AND AGENCY REQUIREMENTS.
- THE CONTRACTOR IS TO LOCATE ALL EXISTING LANDSCAPING, LANDSCAPING IRRIGATION LINES, PROPERTY MONUMENTS, FENCING OR SURFACE FEATURES PRIOR TO CONSTRUCTION. ANYTHING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
- NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
- ALL CONSTRUCTION WATER USED WITHIN THE CITY OF SURPRISE WATER SERVICE AREA REQUIRES APPROVAL BY THE CITY OF SURPRISE PUBLIC WORKS DEPARTMENT AND MAY BE SUBJECT TO VOLUME AND TIME RESTRICTIONS. PLEASE SEE THE CITY OF SURPRISE CONSTRUCTION WATER GUIDELINES FOR ADDITIONAL INFORMATION. THE GUIDELINES CAN BE OBTAINED FROM THE PUBLIC WORKS DEPARTMENT AT 623-222-6000.
- TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH MAG SPECIFICATION 401, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND THE "TEMPORARY WORK ZONE TRAFFIC MANAGEMENT POLICY" (LATEST EDITION).
- PRIOR TO FINAL APPROVAL AND ACCEPTANCE OF THE WORK, THE DEVELOPER/CONTRACTOR WILL BE REQUIRED TO CLEAN AND REPAIR ADJACENT (OFF-PROJECT) ROADWAYS USED OR DAMAGED DURING THE COURSE OF CONSTRUCTION.
- EMERGENCY VEHICLE ACCESS (E.V.A.) MUST BE PROVIDED BY THE DEVELOPER/CONTRACTOR THROUGHOUT THE PROJECT SITE. E.V.A. ROADS AND SIGNAGE SHALL BE MAINTAINED BY THE DEVELOPER/CONTRACTOR AT ALL TIMES. SIGNAGE SHALL BE POSTED AT THE POINT OF ENTRY TO THE SITE AND AT ALL LOCATIONS WHERE A CHANGE IN DIRECTION OCCURS.
- THE PLANS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT'S ACCESSIBILITY GUIDELINES, AS PUBLISHED IN THE FEDERAL REGISTER ON SEPTEMBER 15, 2010.

UTILITIES WITHIN OR AFFECTED BY THE PROJECT		
UTILITY CONTACT	DATE SUBMITTED	
ARIZONA PUBLIC SERVICE	06-15-18	
CENTURY LINK	06-15-18	
COX COMMUNICATIONS	06-15-18	
COS WATER	06-15-18	
SOUTHWEST GAS	06-15-18	

NOTE

THE ELECTRICAL/MAINTENANCE COSTS OF ALL STREET LIGHTS ON LOCAL AND COLLECTOR STREETS ARE TO BE PAID BY THE ADJACENT PROJECT OR THE ADJACENT DEVELOPMENT'S STREET LIGHT IMPROVEMENT DISTRICT (SLID). THE ELECTRICAL / MAINTENANCE COSTS OF ALL STREET LIGHTS ON ARTERIAL STREETS ARE TO BE BILLED TO THE CITY OF SURPRISE'S ENERGY BILL.

LED NOTE

LED TECHNOLOGY IS CHANGING RAPIDLY. THE FIXTURES SHOWN ON THESE PLANS MAY NOT BE APPLICABLE AT TIME OF CONSTRUCTION. CONTRACTOR TO COORDINATE WITH APS AND UTILIZE THEIR CURRENT SPECIFICATION AT THE TIME OF BIDDING AND CONSTRUCTION.

SHEET SL2



VICINITY MAP

N.T.S.

SHEET INDEX

COVER SHEET	SL1
STREET LIGHT PLAN & DETAILS	SL2
STREET LIGHT DETAILS & PHOTOMETRICS	SL3

CITY OF SURPRISE APPROVAL

THIS SET OF PLANS HAS BEEN REVIEWED FOR COMPLIANCE WITH CITY REQUIREMENTS PRIOR TO ISSUANCE OF PERMITS. THE CITY NEITHER ACCEPTS NOR ASSUMES ANY LIABILITY FOR ERRORS OR OMISSIONS. THIS COMPLIANCE APPROVAL SHALL NOT PREVENT THE CITY ENGINEER FROM REQUIRING CORRECTIONS OF ERRORS OR OMISSIONS IN PLANS FOUND TO BE IN VIOLATION OF LAW OR ORDINANCES.

CITY OF SURPRISE ENGINEER

DATE

KEY MAP

N.T.S.



CIVIL ENGINEER
EPS GROUP, INC.
2045 S. VINEYARD, SUITE 101
MESA, AZ 85210
PHONE: (480) 503-2250
CONTACT: JOHN MCGHEE, P.E.

OWNER
MERITAGE HOMES
8800 E RAINTREE DR, SUITE 300
SCOTTSDALE, AZ 85260
PHONE: (480) 515-8251
CONTACT: JASON JARVIS

STREET LIGHTING (APS AREA)																
KEY NO.	SYMBOL	STREET TYPE	OFFSET BEHIND B/C	QUANTITY	POLE		MAST ARM	LUMINAIRE							APS STANDARD CODE NO.	
					POLE HEIGHT	FOUNDATION		SIZE	MOUNTING HEIGHT	LUMENS	WATTAGE	I.E.S. DIST.	VOLTAGE	TYPE		STYLE
①		LOCAL	PER PLANS	15	38'-0"	DIRECT BURY	2'-0"	31'-6"	4,800	41 W	TYPE II	*	LED	ARCHITECTURAL (SHOEBOX)	8030.S2.RL43	
②		LOCAL	PER PLANS	4	38'-0"	DIRECT BURY	2'-0"	31'-6"	8,200	88 W	TYPE II	*	LED	ARCHITECTURAL (SHOEBOX)	8030.S2.RL43	

*PER UTILITY COMPANY REQUIREMENTS

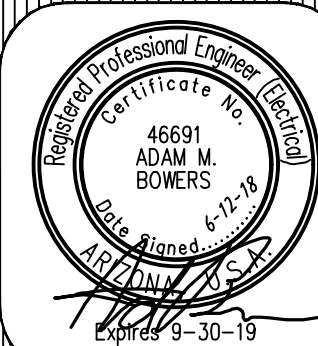


WRIGHT ENGINEERING
PROJECT NO:
18053-06
DESIGN BY: NBG
DRAWN BY: NBG
CHECKED BY: AMB

WRIGHT
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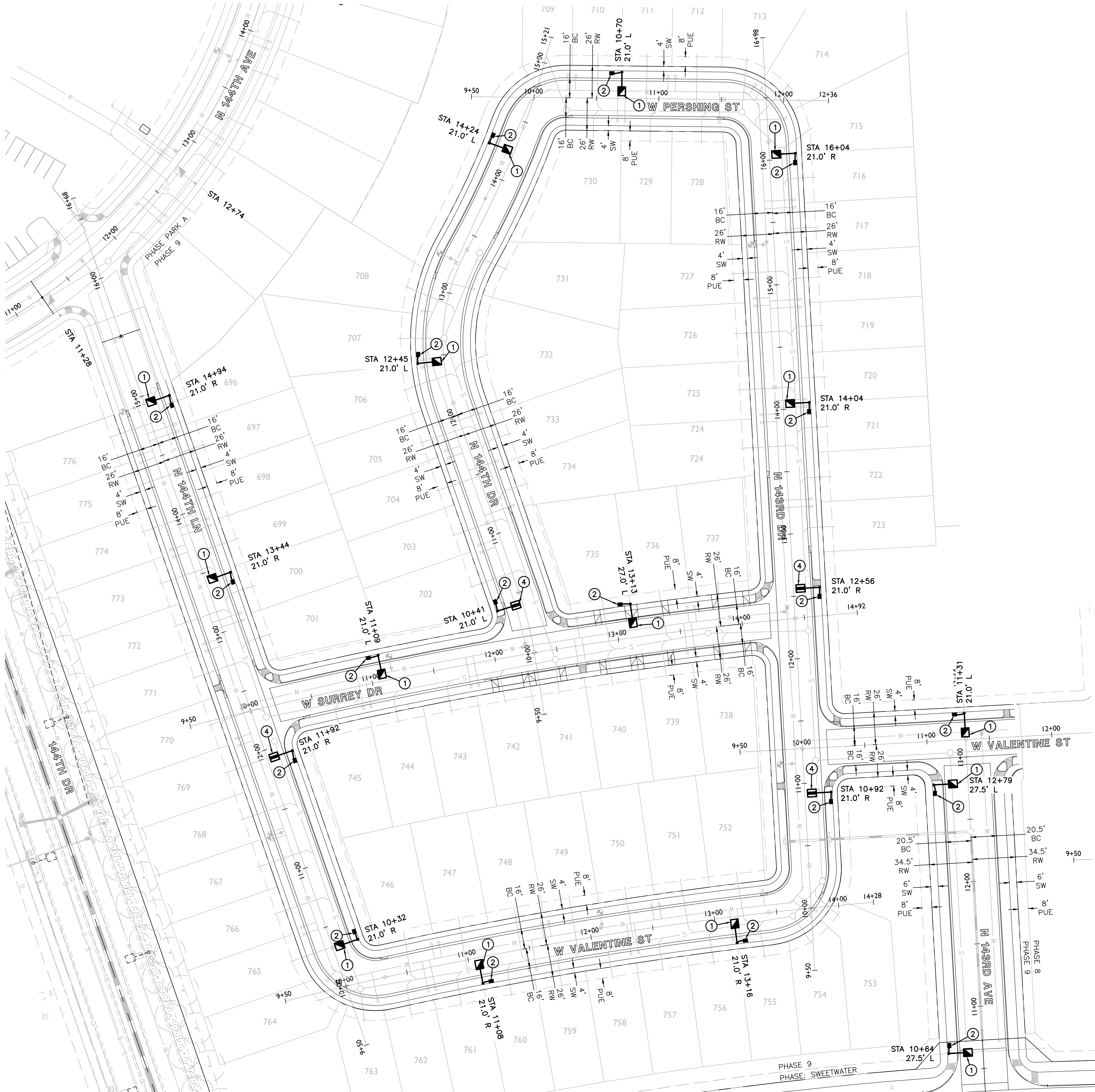
PROJECT: TITLE:
SURPRISE, ARIZONA
HOMESTEAD AT MARLEY PARK
PHASE 4 & 5 - PARCEL 9
STREET LIGHT COVER SHEET

NO.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
1	MAR 2018	1ST SUBMITTAL
2	JUNE 2018	2ND SUBMITTAL



DRAWING NO:
SL1
OF 3

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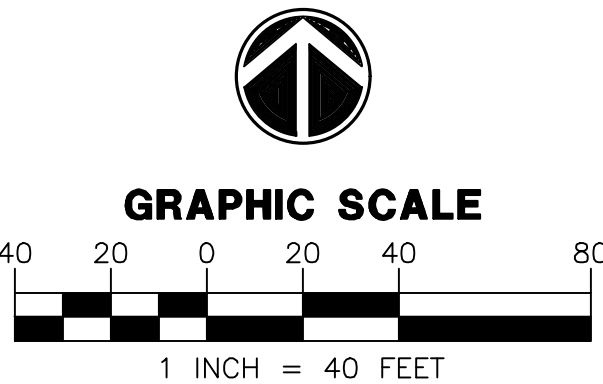
ROADWAY SCALEABLE LED 3000K						
LIGHT CODE	COLOR	APN	WATTS	VOLTS	INITIAL LUMENS	PHOTOMETRIC CURVE
RL40	DKBZ	00141047	32	120/208/240/277	3,800	ERL1_04B130_120-277VIES
RL41		00141048	41	120/208/240/277	4,800	ERL1_05E130_120-277VIES
RL42		00141049	88	120/208/240/277	8,200	ERL1_08E130_120-277VIES
RL43		00141050	108	120/208/240/277	11,000	ERS1_11E130_120-277VIES
RL44		00141051	162	120/208/240/277	19,000	ERS2_19E130_120-277VIES

CONSTRUCTION NOTES

- (1) 41W LED (4,800 LUMEN) FIXTURE (LIGHT CODE RL41) WITH PHOTOELECTRIC CONTROL ON A 38'-0" DIRECT BURIED POLE (1940.38) WITH A 2' MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL3). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.
- INSTALL APS PULL BOX NEXT TO POLE. INSTALL 1" CONDUIT WITH (2) #14 TYPE THHN/THWN AND (1) #14 BARE BOND FROM PULL BOX TO FUSE HOLDER IN STREET LIGHT PER APS DETAILS AND SPECIFICATIONS.
- STREET LIGHT TO BE INSTALLED PER SEPARATE PLAN SET. SHOWN FOR REFERENCE ONLY.
- (1) 88W LED (8,200 LUMEN) FIXTURE (LIGHT CODE RL42) WITH PHOTOELECTRIC CONTROL ON A 38'-0" DIRECT BURIED POLE (1940.38) WITH A 2' MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL3). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.

LEGEND

- 41W LED SHOEBOX STREET LIGHT
- 88W LED SHOEBOX STREET LIGHT
- STREET LIGHT PER SEPARATE PLAN
- EXISTING SHOEBOX STREET LIGHT
- PULL BOX
- NEW CONDUIT RUN
- FIRE HYDRANT



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1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

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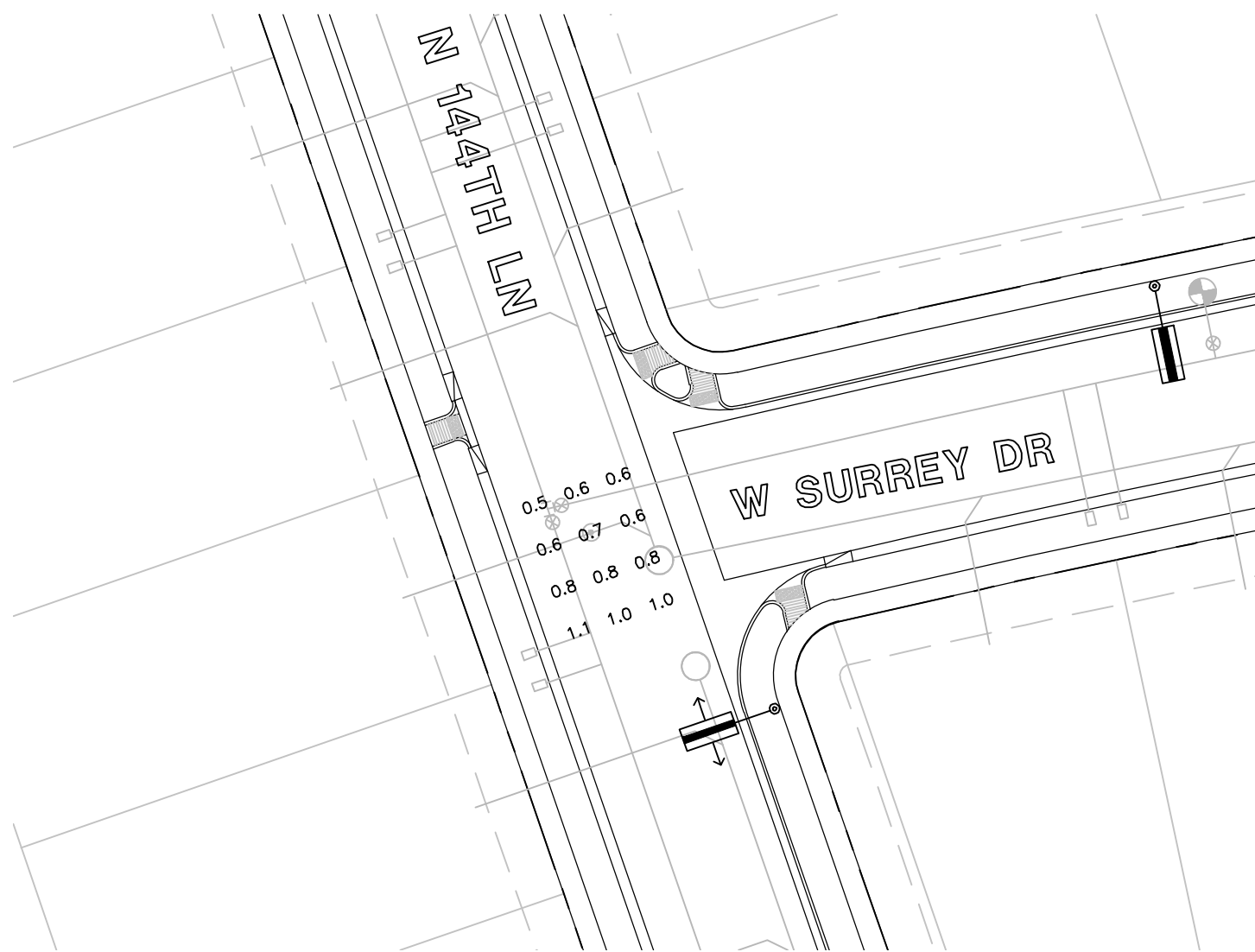
SURPRISE, ARIZONA
HOMESTEAD AT MARLEY PARK
PHASE 4 & 5 - PARCEL 9
STREET LIGHT PLAN

NO.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
1	MAR 2018	1ST SUBMITTAL
2	JUNE 2018	2ND SUBMITTAL

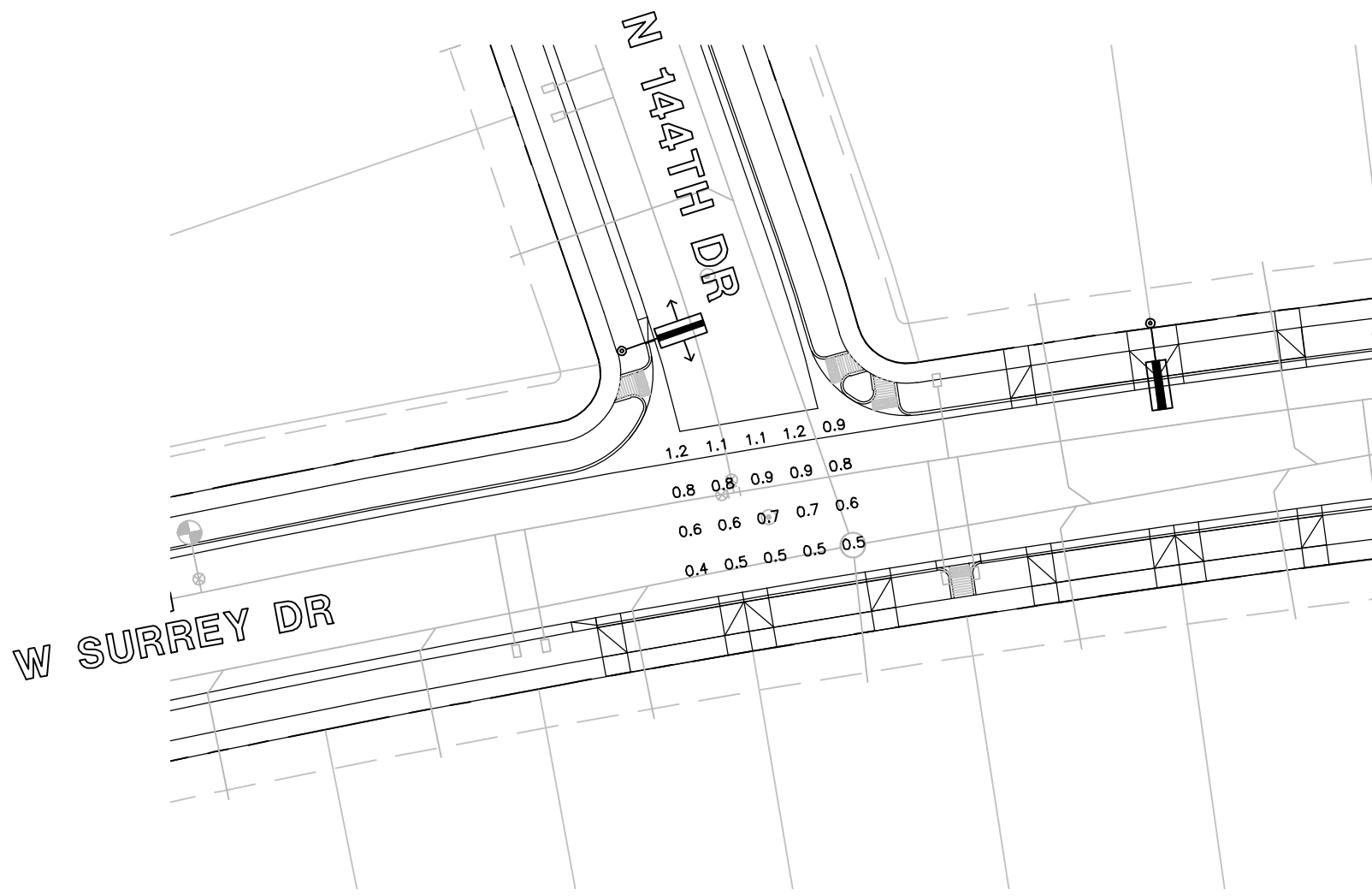
Professional Engineer
46691
ADAM M.
BOMERS
Exp. 9-30-19

DRAWING NO:
SL2
OF 3

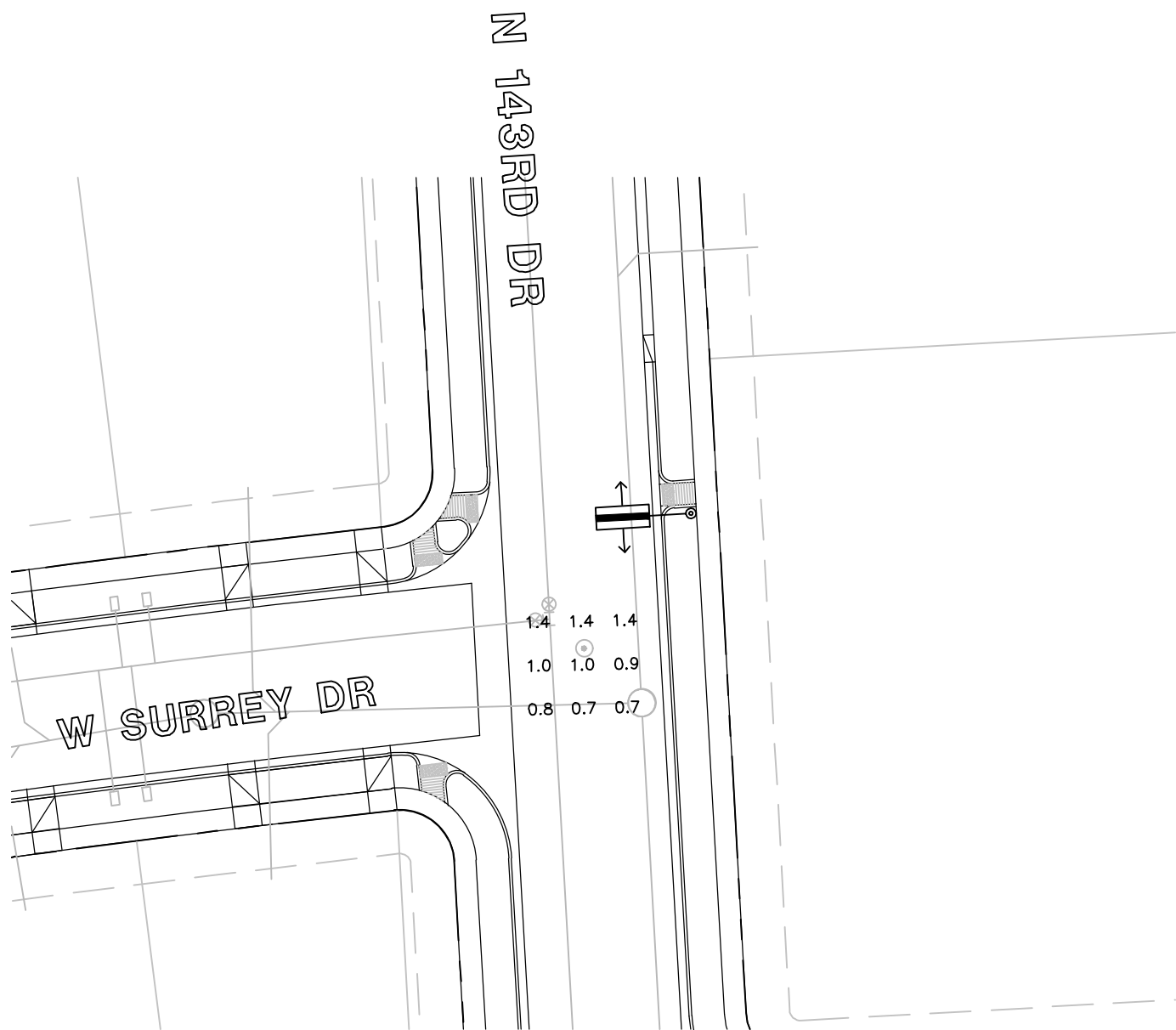
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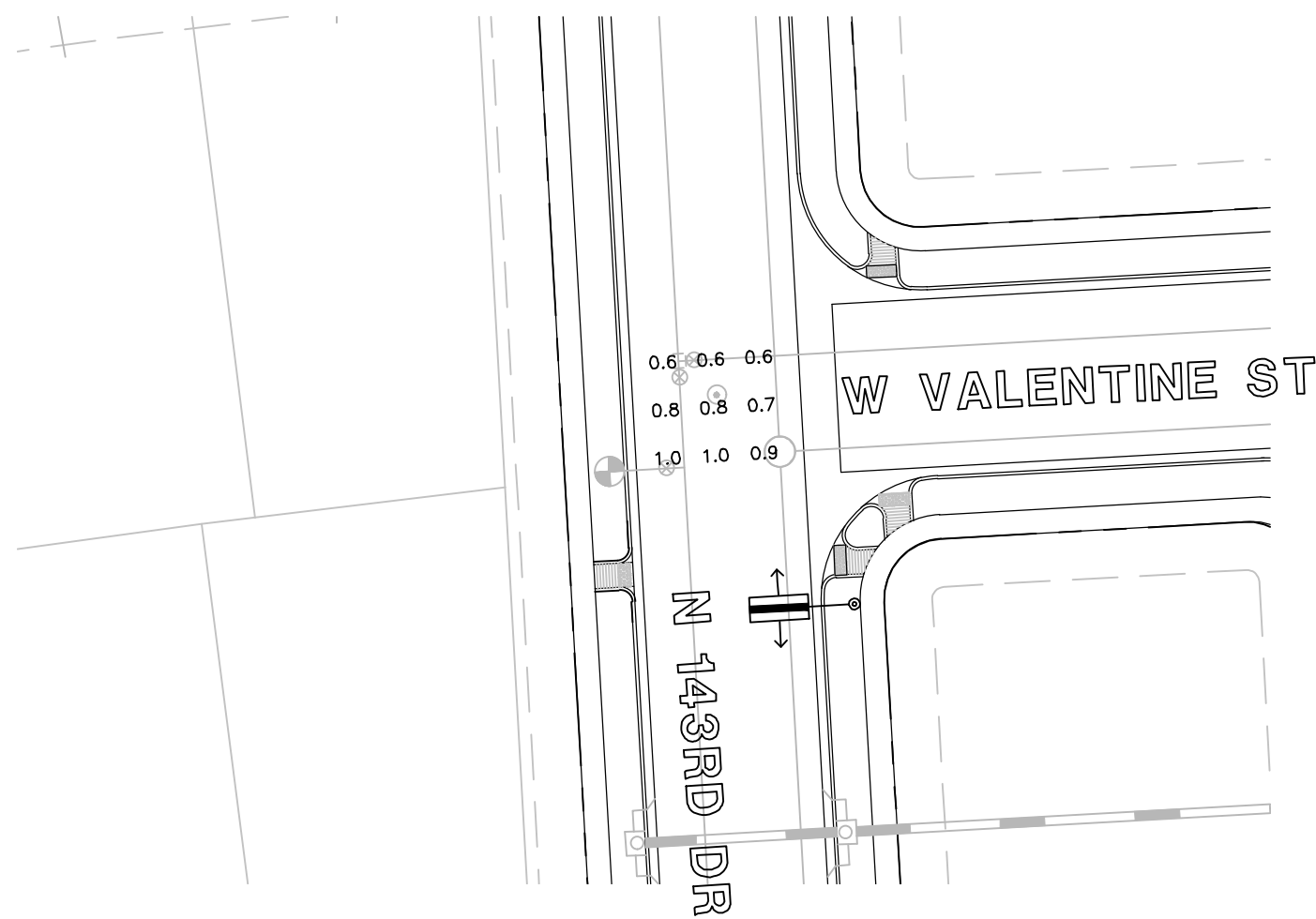
INT - N 144TH LN & W SURREY DR
12 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.1
Minimum 0.5
Avg:Min 1.52
Max:Min 2.20
Coef Var 0.24
UnifGrad 1.38



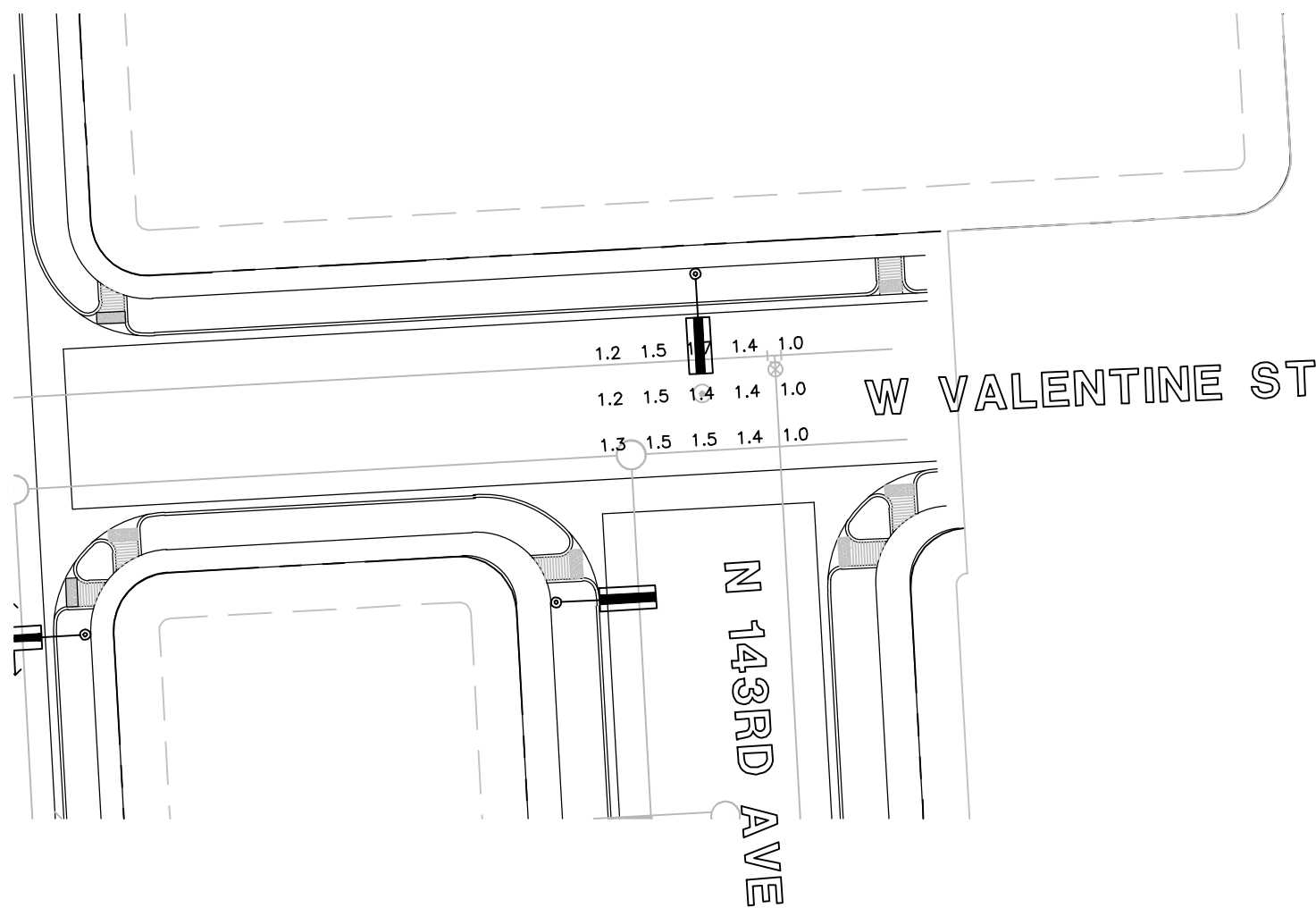
INT - N 144TH DR & W SURREY DR
20 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.2
Minimum 0.4
Avg:Min 1.91
Max:Min 3.00
Coef Var 0.32
UnifGrad 1.50



INT - W SURREY DR & N 143RD DR
9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 1.0
Maximum 1.4
Minimum 0.7
Avg:Min 1.48
Max:Min 2.00
Coef Var 0.27
UnifGrad 1.56

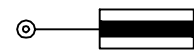


INT - N 143RD DR & W VALENTINE ST
9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.0
Minimum 0.6
Avg:Min 1.30
Max:Min 1.67
Coef Var 0.20
UnifGrad 1.33

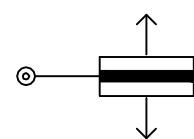


INT - W VALENTINE ST & N 143RD AVE
15 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 1.3
Maximum 1.7
Minimum 1.0
Avg:Min 1.33
Max:Min 1.70
Coef Var 0.15
UnifGrad 1.40

LEGEND



41W LED SHOEBOX
candela file 'erl1_05e130-120-277v_tcm201-103950.ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 41
mounting height= 31.5 ft
number locations= 20, number luminaires= 20
kw all locations= 0.8



88W LED
2' MAST ARM
candela file 'erl1_08e130_tcm201-103998.ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 88
mounting height= 31.5 ft
number locations= 4, number luminaires= 4
kw all locations= 0.4

WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807

**PHOTOMETRIC CALCULATION
SHEET. FOR INFORMATION ONLY.**

Professional Engineer
46691
ADAM M.
BOWERS
Exp. 12-18
Exp. 9-30-19

Seal
Noted
12/18/19

PROJECT NAME:
HOMESTEAD AT MARLEY
PARK PHASE 4 & 5
PARCEL 9
WRIGHT ENG.
PROJECT NO: **18053**
DESIGN BY: NBG **PH-1**

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MARLEY PARK PAD PHASE 4 & 5

PARK A & MODEL COMPLEX

STREET LIGHT DESIGN

STREET LIGHTING REQUIREMENTS

5.00 GENERAL NOTES:
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ONE PROJECT UNDERGROUND UTILITIES (RIGHT OF WAY) PERMIT AND ONE STREETLIGHT PERMIT FOR EACH STREET LIGHT POLE SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

5.02 WORKING / "AS BUILT" PLANS:
ACCEPTANCE OF THE COMPLETED IMPROVEMENTS WILL NOT BE GIVEN UNTIL 4 MIL PHOTO MYLAR REPRODUCIBLE "AS BUILT" PLANS HAVE BEEN SUBMITTED TO AND APPROVED BY THE CITY ENGINEER.

5.03 LIGHT POLES:
LIGHT POLES SHALL BE INSTALLED PLUMB, BE ADJUSTED TO PROVIDE PROPER ALIGNMENT TO THE ROADWAY BEING LIGHTED AND BE PROPERLY GROUNDED WHEN THE INSTALLATION IS COMPLETE.

5.04 EMBEDMENT:
DIRECT BURIED POLES SHALL BE SET IN A TWELVE (12) INCH AUGURED HOLE DEPTH AS SPECIFIED IN UNDISTURBED EARTH. POLE SHALL BE SET PLUMB IN TWO DIRECTIONS 90 DEGREES APART. HAND TAMPING OF ABC BACKFILL WITH PNEUMATIC OR VIBRATING EQUIPMENT IS THE ACCEPTABLE METHOD OF COMPACTION. BACKFILL SHALL BE COMPACTED TO 85% OF MAXIMUM DENSITY AS DEFINED BY ASTM D-2922 AND D-3017. A GROUND ROD SHALL BE INSTALLED ADJACENT TO PULL BOX IN UNDISTURBED SOIL AND A LEAD IN COPPER BOND WIRE (#6) SHALL BE INSTALLED IN 1" CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT (OR EQUAL) FOR POLE GROUNDING.
SURPLUS EXCAVATION SHALL BE DISPOSED OF BY THE CONTRACTOR.

5.05 LUMINAIRES:
LUMINAIRES SHALL BE INSTALLED LEVEL AND INCLUDE A LAMP AND PHOTOCCELL. CONTRACTOR SHALL ASSURE THAT THE LUMINAIRES SHALL BE FREE OF DUST, DIRT OR ANYTHING THAT WOULD IMPAIR THE OUTPUT OF THE LIGHT BEFORE HE LEAVES THE SITE.

LUMINAIRES FURNISHED WITH MULTI-TAP BALLASTS SHALL BE REWIRED OR RECONNECTED TO MATCH THE VOLTAGE SUPPLIED BY THE ELECTRIC UTILITY COMPANY.

5.06 WIRING:
WIRING SHALL BE INSTALLED PER UTILITY STANDARDS.

5.07 GROUNDING:
EACH POLE SHALL HAVE A 8' x 5/8" COPPER CLAD GROUND ROD DRIVEN ADJACENT TO PULL BOX. A #6 BARE COPPER LEAD FROM THE GROUND ROD IN PULL BOX TO LANDING LUG IN STREET LIGHT POLE HAND HOLE.

5.08 PULL BOXES:
EXCAVATION FOR PULL BOXES AND MATERIAL SPECIFICATION SHALL BE PER THE ELECTRIC UTILITY COMPANY STANDARDS.

5.09 TRENCH
TRENCH SHALL BE INSTALLED PER THE UTILITY COMPANY STANDARDS.

THE USE OF A COMMON ELECTRIC UTILITY COMPANY TRENCH IS PERMITTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE UTILITY COMPANY FOR COORDINATION OF TRENCHING AND THE INSTALLATION OF CONDUIT.

CONDUIT SHALL BE INSTALLED AT THE DEPTH SPECIFIED ON THE PLANS. CONDUIT SHALL BE 1 INCH CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT OR EQUAL. CONDUIT MUST BE UL RATED AND SUITABLE FOR UNDERGROUND USE.

CONNECTIONS SHALL BE PER UTILITY STANDARDS.

5.12 LIGHT POLE IDENTIFICATION:
THE CONTRACTOR SHALL FURNISH AND INSTALL A NUMBER ON EACH LIGHT POLE. STREET LIGHT POLE IDENTIFICATION AND SPECIFICATIONS WILL BE PROVIDED BY THE CITY OF SURPRISE.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO RESTORE ALL PROPERTY, LANDSCAPING, PAVING AND DRIVEWAYS THAT ARE DISTURBED DURING STREET LIGHT CONSTRUCTION TO THEIR ORIGINAL CONDITION IN CONFORMANCE WITH "MAG" SPECIFICATION SECTION 107.9.

THE DEVELOPER SHALL BE RESPONSIBLE FOR FURNISHING ALL PERSONNEL AND EQUIPMENT TO SUCCESSFULLY PERFORM THE FOLLOWING TEST.

PRIOR TO ACCEPTANCE, THE DEVELOPER SHALL ENERGIZE AND OPERATE THE ENTIRE ROADWAY LIGHTING SYSTEM, FROM SUNSET TO SUNRISE FOR TWO CONSECUTIVE DAYS WITHOUT INTERRUPTION OR FAILURE. IF A LAMP OR BALLAST SHOULD FAIL, IT SHALL BE IMMEDIATELY REPLACED.

THE CONTRACTOR SHALL GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE ENGINEERING MANAGER, AGAINST IMPERFECT WORKMANSHIP, FAILURE, MALFUNCTION OF MATERIALS AND/OR EQUIPMENT DUE TO FAULTY OR IMPERFECT WORKMANSHIP. THIS GUARANTEE IS TO BE IN WRITING TO THE CITY AT THE TIME OF ISSUING FINAL ACCEPTANCE. WORK FOUND TO BE DEFECTIVE WITHIN THE WARRANTY PERIOD SHALL BE REPLACED WITHOUT COST TO THE CITY.

GENERAL ENGINEERING NOTES:

- ALL CONSTRUCTION MUST CONFORM TO MARICOPA ASSOCIATION OF GOVERNMENT (MAG) SPECIFICATIONS AND DETAILS AND LATEST REVISIONS UNLESS OTHERWISE STATED ON PLANS.
- THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND THEY WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL OVERHEAD AND UNDERGROUND UTILITY LOCATIONS WHERE CONSTRUCTION OCCURS. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT ALL UTILITIES ARE AVOIDED. UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND NOT FOR CONSTRUCTION PURPOSES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AND OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT ARIZONA UNDERGROUND FACILITIES LAWS (ARIZONA REVISED STATUTES TITLE 40, CHAPTER 2, ARTICLE 6.3, SECTION 40-360.21-32). CALL ARIZONA 811 FOR FIELD LOCATION BY DIAL 811.
- THE CITY OF SURPRISE ENGINEERING SERVICES OF PUBLIC WORKS SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK AT 623-222-6150.
- THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION OR VARIATION FROM THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE PROPOSED AND RESUBMITTED FOR REVIEW AND APPROVAL.
- THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE DRAWING, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE. EXISTING SURFACE FEATURES AND FENCING SHALL BE REPLACED IN KIND.
- ANY INSPECTION BY THE CITY, COUNTY, OR THE ENGINEER, SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE APPLICABLE CODES AND AGENCY REQUIREMENTS.
- THE CONTRACTOR IS TO LOCATE ALL EXISTING LANDSCAPING, LANDSCAPING IRRIGATION LINES, PROPERTY MONUMENTS, FENCING OR SURFACE FEATURES PRIOR TO CONSTRUCTION. ANYTHING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
- NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
- ALL CONSTRUCTION WATER USED WITHIN THE CITY OF SURPRISE WATER SERVICE AREA REQUIRES APPROVAL BY THE CITY OF SURPRISE PUBLIC WORKS DEPARTMENT AND MAY BE SUBJECT TO VOLUME AND TIME RESTRICTIONS. PLEASE SEE THE CITY OF SURPRISE CONSTRUCTION WATER GUIDELINES FOR ADDITIONAL INFORMATION. THE GUIDELINES CAN BE OBTAINED FROM THE PUBLIC WORKS DEPARTMENT AT 623-222-6000.
- TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH MAG SPECIFICATION 401, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND THE "TEMPORARY WORK ZONE TRAFFIC MANAGEMENT POLICY" (LATEST EDITION).
- PRIOR TO FINAL APPROVAL AND ACCEPTANCE OF THE WORK, THE DEVELOPER/CONTRACTOR WILL BE REQUIRED TO CLEAN AND REPAIR ADJACENT (OFF-PROJECT)
- EMERGENCY VEHICLE ACCESS (E.V.A.) MUST BE PROVIDED BY THE DEVELOPER/CONTRACTOR THROUGHOUT THE PROJECT SITE. E.V.A. ROADS AND SIGNAGE SHALL BE MAINTAINED BY THE DEVELOPER/CONTRACTOR AT ALL TIMES. SIGNAGE SHALL BE POSTED AT THE POINT OF ENTRY TO THE SITE AND AT ALL LOCATIONS WHERE A CHANGE IN DIRECTION OCCURS.
- THE PLANS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT'S ACCESSIBILITY GUIDELINES, AS PUBLISHED IN THE FEDERAL REGISTER ON SEPTEMBER 15, 2010.

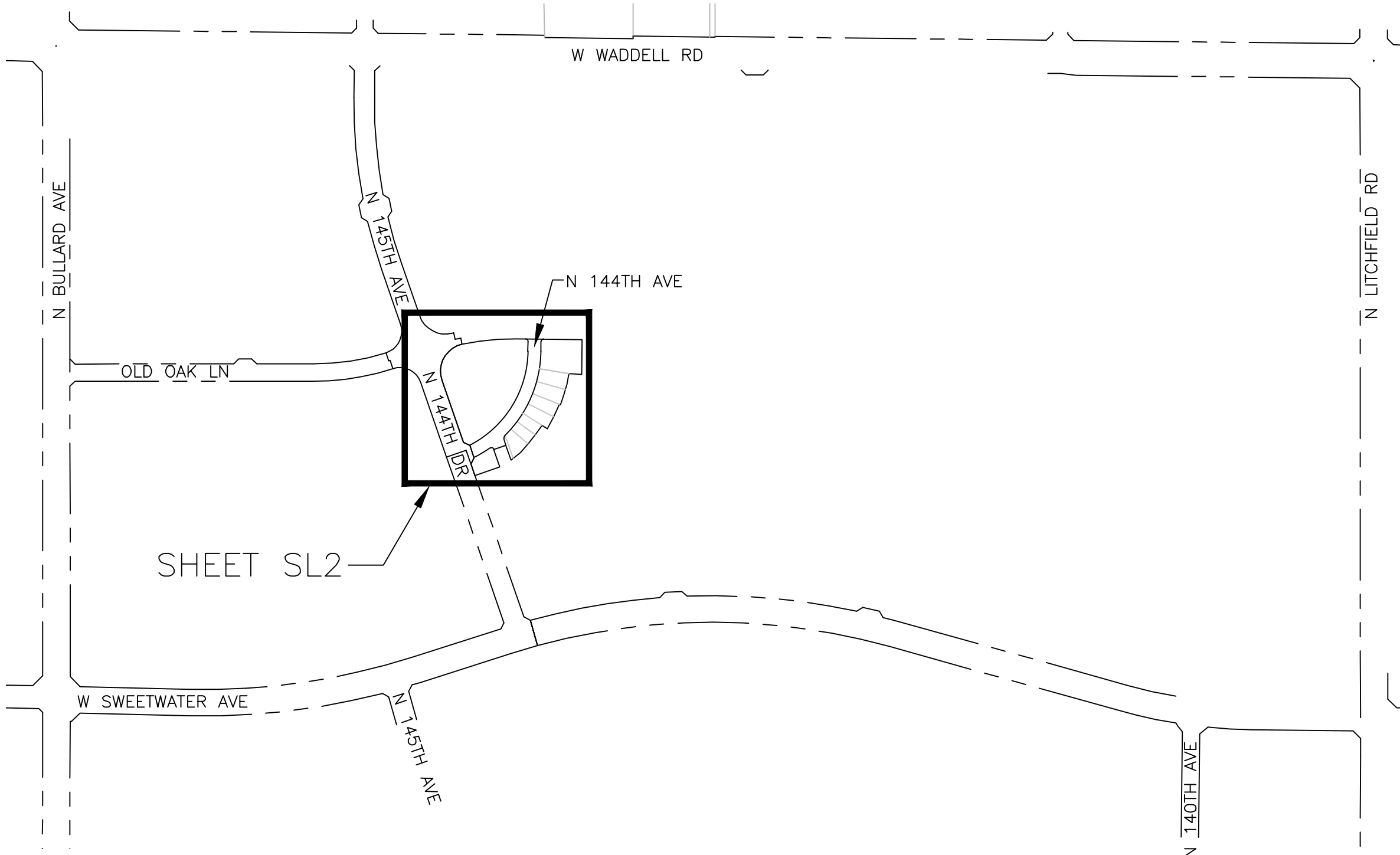
UTILITIES WITHIN OR AFFECTED BY THE PROJECT		
UTILITY CONTACT	DATE SUBMITTED	
ARIZONA PUBLIC SERVICE	4/06/2018	
CENTURY LINK	4/06/2018	
COX COMMUNICATIONS	4/06/2018	
COS WATER	4/06/2018	
SOUTHWEST GAS	4/06/2018	

NOTE

THE ELECTRICAL/MAINTENANCE COSTS OF ALL STREET LIGHTS ON LOCAL AND COLLECTOR STREETS (TYPICALLY THE 100 WATT / 9,500 LUMEN AND THE 150 WATT /16,000 LUMEN FIXTURES) ARE TO BE PAID BY THE ADJACENT PROJECT OR THE ADJACENT DEVELOPMENT'S STREET LIGHT IMPROVEMENT DISTRICT (SLID). THE ELECTRICAL / MAINTENANCE COSTS OF ALL STREET LIGHTS ON ARTERIAL STREETS (TYPICALLY THE 250 WATT/ 30,000 LUMEN FIXTURES) ARE TO BE BILLED TO THE CITY OF SURPRISE'S ENERGY BILL.

LED NOTE

LED TECHNOLOGY IS CHANGING RAPIDLY. THE FIXTURES SHOWN ON THESE PLANS MAY NOT BE APPLICABLE AT TIME OF CONSTRUCTION. CONTRACTOR TO COORDINATE WITH APS AND UTILIZE THEIR CURRENT SPECIFICATION AT THE TIME OF BIDDING AND CONSTRUCTION.



KEY MAP

N.T.S.



CIVIL ENGINEER
EPS GROUP, INC.
2045 S. VINEYARD, SUITE 101
MESA, AZ 85210
PHONE: (480) 503-2250
CONTACT: JOHN MCGHEE, P.E.

OWNER
MERITAGE HOMES
8800 E RAINTREE DR, SUITE 300
SCOTTSDALE, AZ 85260
PHONE: (480) 515-8251
CONTACT: JASON JARVIS

CITY OF SURPRISE ENGINEER

DATE

STREET LIGHTING (APS AREA)															
KEY NO.	SYMBOL	STREET TYPE	OFFSET BEHIND B/C	QUANTITY	POLE		MAST ARM	LUMINAIRE						APS STANDARD CODE NO.	
					POLE HEIGHT	FOUNDATION		SIZE	MOUNTING HEIGHT	LUMENS	WATTAGE	I.E.S. DIST.	VOLTAGE		TYPE
①		LOCAL	PER PLANS	4	38'-0"	DIRECT BURY	2'-0"	31'-6"	4,800	41 W	TYPE II	*	LED	ARCHITECTURAL (SHOEBOX)	8030.S2.RL43

*PER UTILITY COMPANY REQUIREMENTS



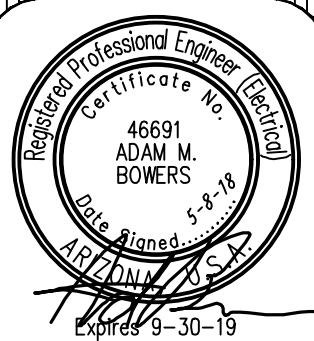
WRIGHT ENGINEERING
PROJECT NO:
18053-01
DESIGN BY: JKS
DRAWN BY: JKS
CHECKED BY: AMB

WRIGHT engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:

SURPRISE, ARIZONA
MARLEY PARK PHASE 4 & 5
PARK A & MODEL COMPLEX
STREET LIGHT COVER SHEET

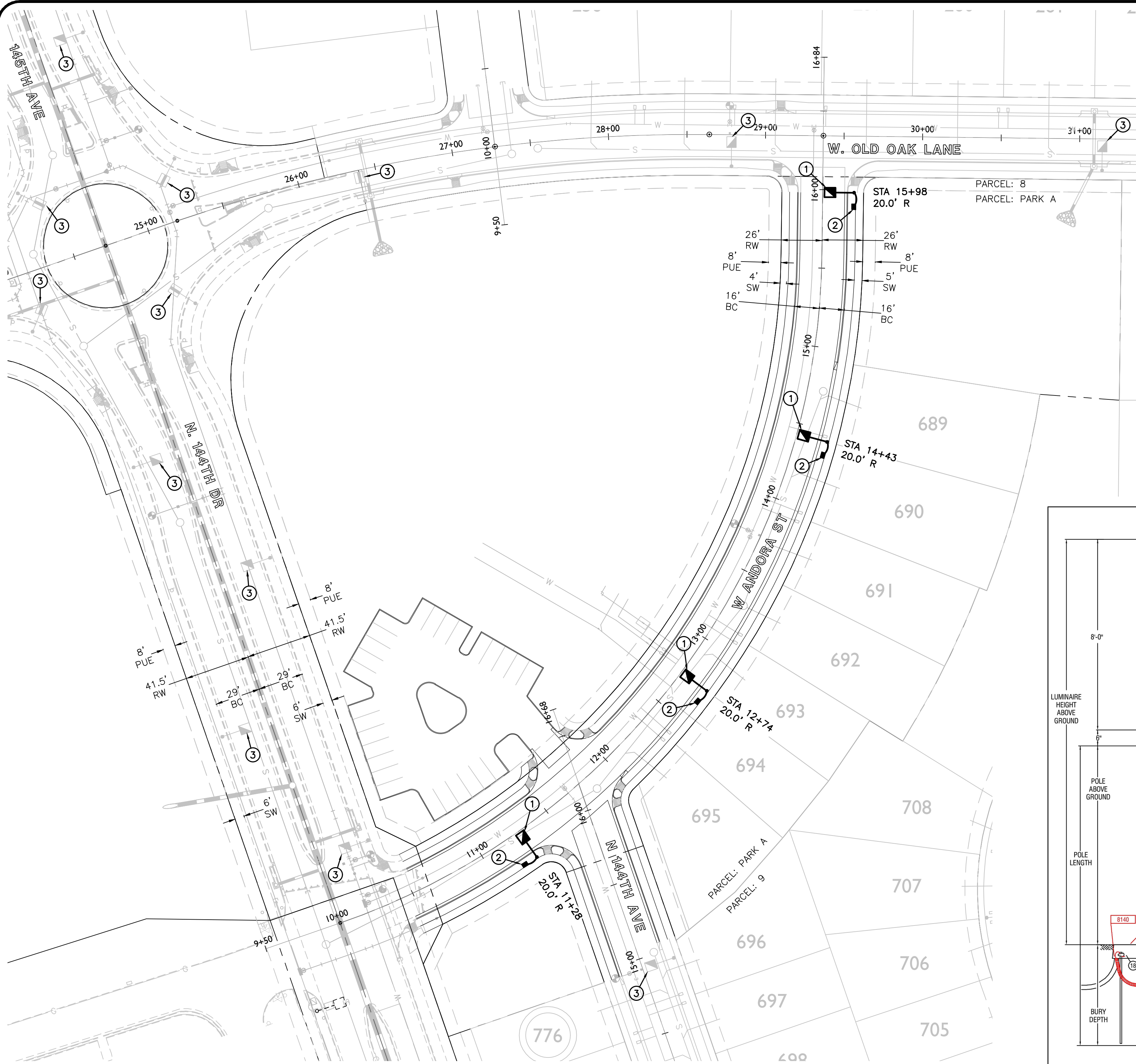
NO.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
1	FEB 2018	1ST SUBMITTAL
2	APR 2018	2ND SUBMITTAL



DRAWING NO:
SL1
OF 2

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ROADWAY SCALEABLE LED 3000K					
LIGHT CODE	COLOR	APN	WATTS	VOLTS	INITIAL LUMENS
RL40		00141047	32	120/208/240/277	3,800
RL41		00141048	41	120/208/240/277	4,800
RL42	DKBZ	00141049	88	120/208/240/277	8,200
RL43		00141050	108	120/208/240/277	11,000
RL44		00141051	162	120/208/240/277	19,000
PHOTOMETRIC CURVE					
ERL1_04B130_120-277VIES					
ERL1_05E130_120-277VIES					
ERL1_08E130_120-277VIES					
ERS1_11E130_120-277VIES					
ERS2_19E130_120-277VIES					

CONSTRUCTION NOTES

- (1) 41W LED (4,800 LUMEN) FIXTURE (LIGHT CODE RL41) WITH PHOTOELECTRIC CONTROL ON A 38'-0" DIRECT BURIED POLE (1940.38) WITH A 2" MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL2). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.
- (2) INSTALL APS PULL BOX NEXT TO POLE. INSTALL 1" CONDUIT WITH (2) #14 TYPE THHN/THWN AND (1) #14 BARE BOND FROM PULL BOX TO FUSE HOLDER IN STREET LIGHT PER APS DETAILS AND SPECIFICATIONS.
- (3) STREET LIGHT TO BE INSTALLED PER SEPARATE PLAN SET. SHOWN FOR REFERENCE ONLY.

LEGEND

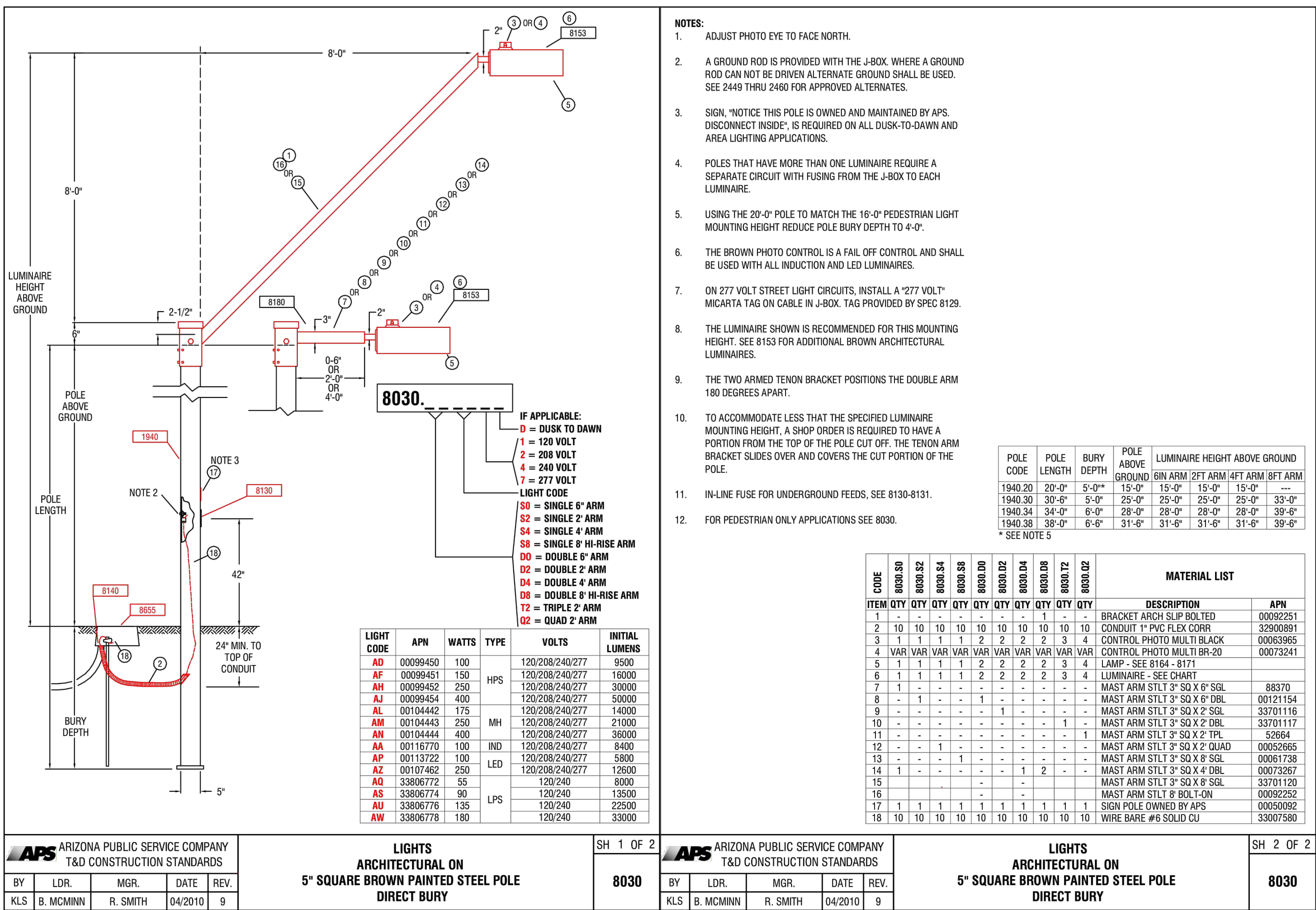
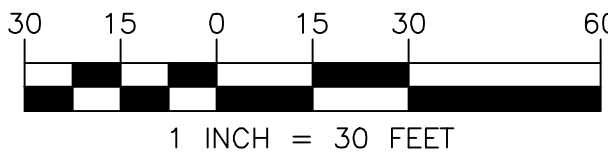
- 41W LED SHOEBOX STREET LIGHT
- STREET LIGHT PER SEPARATE PLAN
- STREET LIGHT PER SEPARATE PLAN
- EXISTING SHOEBOX STREET LIGHT
- PULL BOX
- NEW CONDUIT RUN
- FIRE HYDRANT

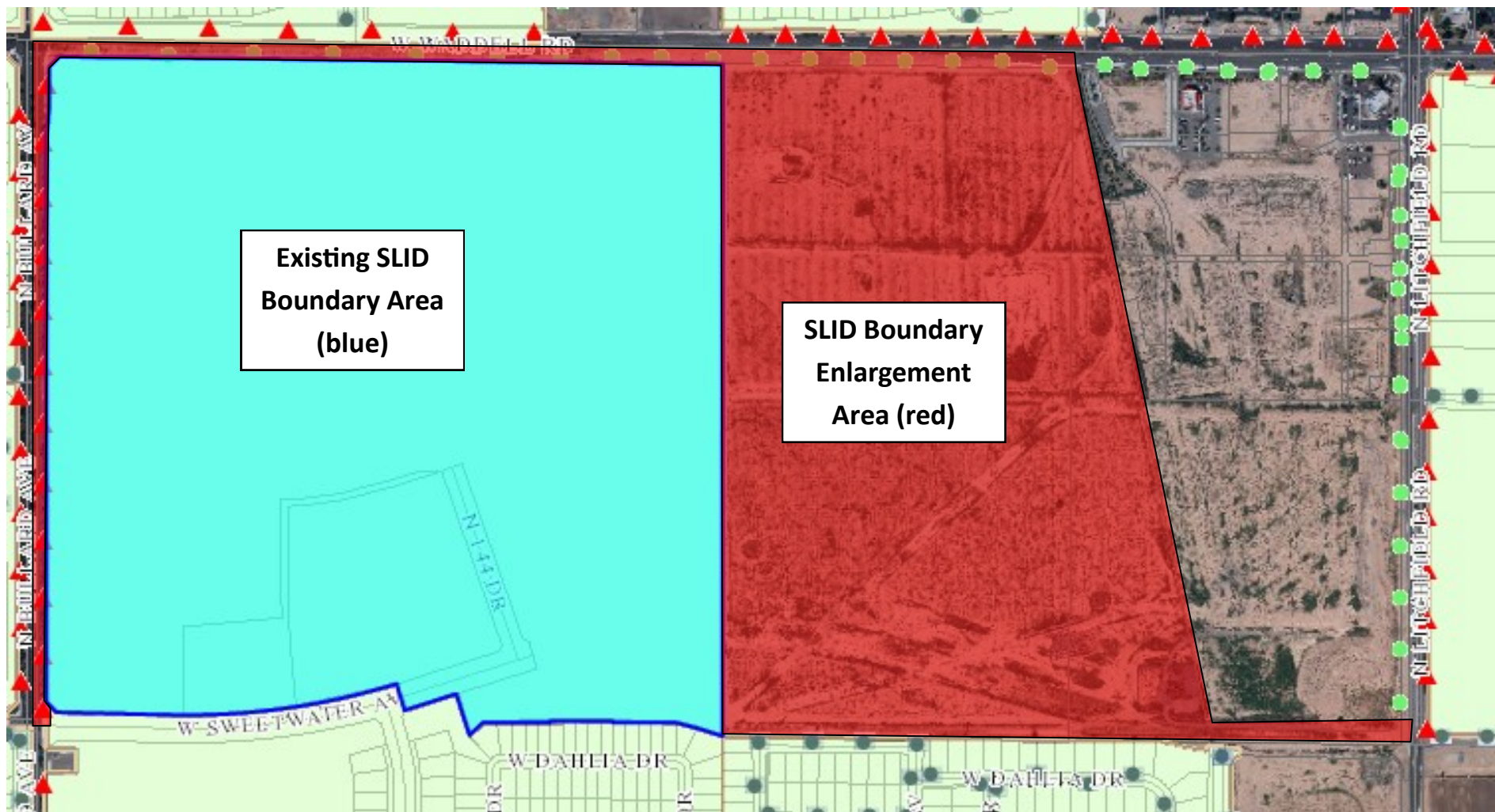
0.93	0.60	0.30	0.19	0.15	0.12	0.12	0.12	0.15	0.19	0.30	0.60	0.93
1.15	0.64	0.34	0.22	0.20	0.15	0.13	0.15	0.20	0.22	0.34	0.64	1.15
1.16	0.57	0.32	0.24	0.21	0.15	0.13	0.15	0.21	0.24	0.32	0.57	1.16
1.26	0.59	0.26	0.23	0.17	0.12	0.09	0.12	0.17	0.23	0.26	0.59	1.26

41W LED Shoebox
Type II Distribution
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mounting height= 31.5 ft
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kw all locations= 0.2

Roadway Grid
52 points at z=0, sp 16.154ft by 7.75ft
HORIZONTAL FOOTCANDLES
Average 0.40
Maximum 1.26
Minimum 0.09
Avg:Min 4.49
Max:Min 14.00
Coef Var 0.86
UnifGrad 2.27

GRAPHIC SCALE



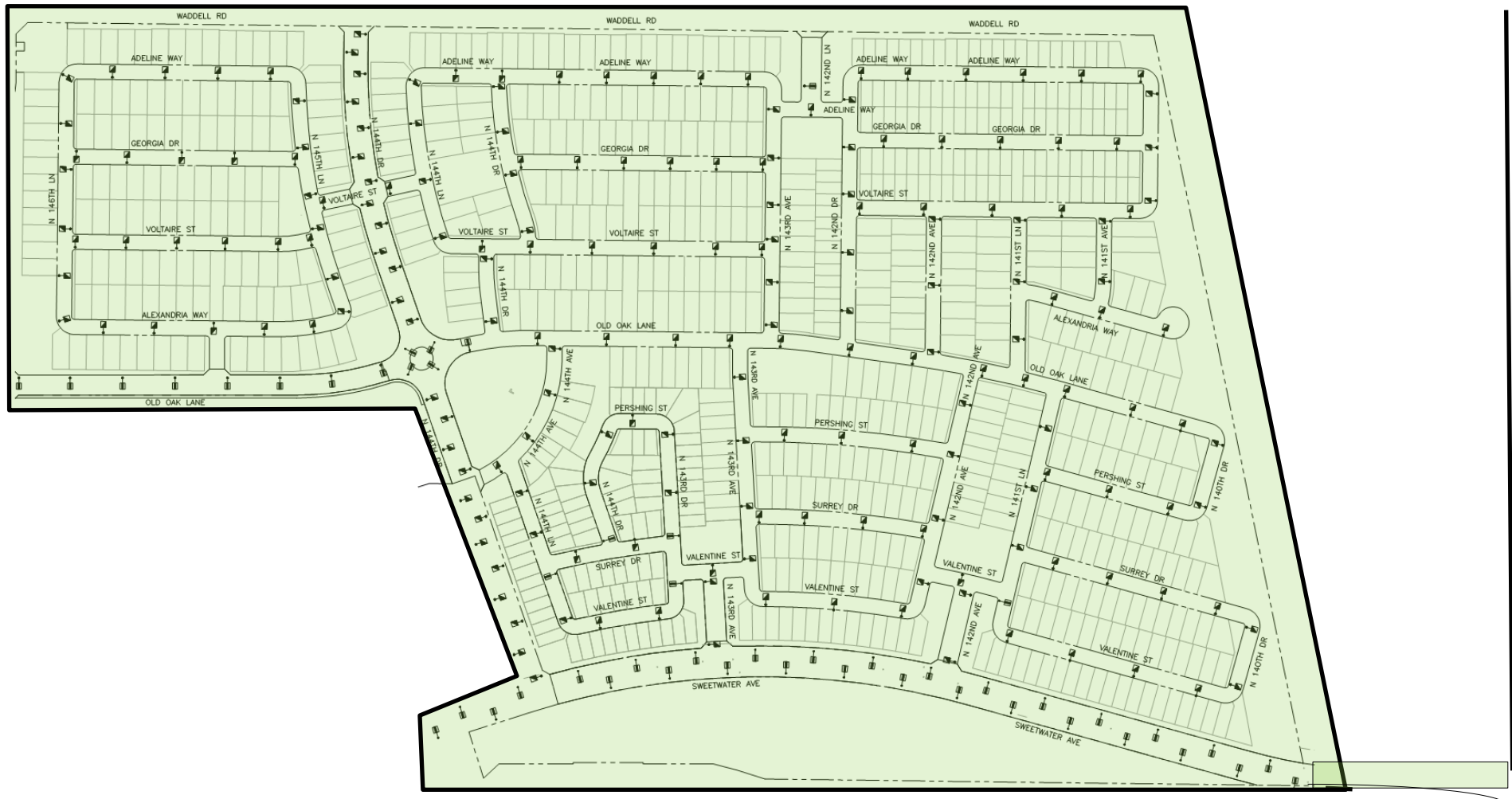


Marley Park Phase 4 & 5

Street Lights:

Street Light Pole
250 poles (estimated)

 SLID Boundary



Litchfield Road

MARLEY PARK PAD PHASE 4 & 5

144TH DR STREET LIGHT DESIGN

STREET LIGHTING REQUIREMENTS

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ONE PROJECT UNDERGROUND UTILITIES (RIGHT OF WAY) PERMIT AND ONE STREETLIGHT PERMIT FOR EACH STREET LIGHT POLE SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

5.02 WORKING / "AS BUILT" PLANS:

ACCEPTANCE OF THE COMPLETED IMPROVEMENTS WILL NOT BE GIVEN UNTIL 4 MIL PHOTO MYLAR REPRODUCIBLE "AS BUILT" PLANS HAVE BEEN SUBMITTED TO AND APPROVED BY THE CITY ENGINEER.

5.03 LIGHT POLES:

LIGHT POLES SHALL BE INSTALLED PLUMB, BE ADJUSTED TO PROVIDE PROPER ALIGNMENT TO THE ROADWAY BEING LIGHTED AND BE PROPERLY GROUNDED WHEN THE INSTALLATION IS COMPLETE.

5.04 EMBEDMENT:

DIRECT BURIED POLES SHALL BE SET IN A TWELVE (12) INCH AUGURED HOLE DEPTH AS SPECIFIED IN UNDISTURBED EARTH. POLE SHALL BE SET PLUMB IN TWO DIRECTIONS 90 DEGREES APART. HAND TAMPING OF ABC BACKFILL WITH PNEUMATIC OR VIBRATING EQUIPMENT IS THE ACCEPTABLE METHOD OF COMPACTION. BACKFILL SHALL BE COMPACTED TO 85% OF MAXIMUM DENSITY AS DEFINED BY ASTM D-2922 AND D-3017. A GROUND ROD SHALL BE INSTALLED ADJACENT TO PULL BOX IN UNDISTURBED SOIL AND A LEAD IN COPPER BOND WIRE (#6) SHALL BE INSTALLED IN 1" CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT (OR EQUAL) FOR POLE GROUNDING.

SURPLUS EXCAVATION SHALL BE DISPOSED OF BY THE CONTRACTOR.

5.05 LUMINAIRES:

LUMINAIRES SHALL BE INSTALLED LEVEL AND INCLUDE A LAMP AND PHOTOCCELL. CONTRACTOR SHALL ASSURE THAT THE LUMINAIRES SHALL BE FREE OF DUST, DIRT OR ANYTHING THAT WOULD IMPAIR THE OUTPUT OF THE LIGHT BEFORE HE LEAVES THE SITE.

LUMINAIRES FURNISHED WITH MULTI-TAP BALLASTS SHALL BE REWIRED OR RECONNECTED TO MATCH THE VOLTAGE SUPPLIED BY THE ELECTRIC UTILITY COMPANY.

5.06 WIRING:

WIRING SHALL BE INSTALLED PER UTILITY STANDARDS.

5.07 GROUNDING:

EACH POLE SHALL HAVE A 8' x 5/8" COPPER CLAD GROUND ROD DRIVEN ADJACENT TO PULL BOX. A #6 BARE COPPER LEAD FROM THE GROUND ROD IN PULL BOX TO LANDING LUG IN STREET LIGHT POLE HAND HOLE.

5.08 PULL BOXES:

EXCAVATION FOR PULL BOXES AND MATERIAL SPECIFICATION SHALL BE PER THE ELECTRIC UTILITY COMPANY STANDARDS.

5.09 TRENCH

TRENCH SHALL BE INSTALLED PER THE UTILITY COMPANY STANDARDS.

THE USE OF A COMMON ELECTRIC UTILITY COMPANY TRENCH IS PERMITTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE UTILITY COMPANY FOR COORDINATION OF TRENCHING AND THE INSTALLATION OF CONDUIT.

CONDUIT SHALL BE INSTALLED AT THE DEPTH SPECIFIED ON THE PLANS. CONDUIT SHALL BE 1 INCH CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT OR EQUAL. CONDUIT MUST BE UL RATED AND SUITABLE FOR UNDERGROUND USE.

CONNECTIONS SHALL BE PER UTILITY STANDARDS.

5.12 LIGHT POLE IDENTIFICATION:

THE CONTRACTOR SHALL FURNISH AND INSTALL A NUMBER ON EACH LIGHT POLE. STREET LIGHT POLE IDENTIFICATION AND SPECIFICATIONS WILL BE PROVIDED BY THE CITY OF SURPRISE.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO RESTORE ALL PROPERTY, LANDSCAPING, PAVING AND DRIVEWAYS THAT ARE DISTURBED DURING STREET LIGHT CONSTRUCTION TO THEIR ORIGINAL CONDITION IN CONFORMANCE WITH "MAG" SPECIFICATION SECTION 107.9.

THE DEVELOPER SHALL BE RESPONSIBLE FOR FURNISHING ALL PERSONNEL AND EQUIPMENT TO SUCCESSFULLY PERFORM THE FOLLOWING TEST.

PRIOR TO ACCEPTANCE, THE DEVELOPER SHALL ENERGIZE AND OPERATE THE ENTIRE ROADWAY LIGHTING SYSTEM, FROM SUNSET TO SUNRISE FOR TWO CONSECUTIVE DAYS WITHOUT INTERRUPTION OR FAILURE. IF A LAMP OR BALLAST SHOULD FAIL, IT SHALL BE IMMEDIATELY REPLACED.

THE CONTRACTOR SHALL GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE ENGINEERING MANAGER, AGAINST IMPERFECT WORKMANSHIP, FAILURE, MALFUNCTION OF MATERIALS AND/OR EQUIPMENT DUE TO FAULTY OR IMPERFECT WORKMANSHIP. THIS GUARANTEE IS TO BE IN WRITING TO THE CITY AT THE TIME OF ISSUING FINAL ACCEPTANCE. WORK FOUND TO BE DEFECTIVE WITHIN THE WARRANTY PERIOD SHALL BE REPLACED WITHOUT COST TO THE CITY.

GENERAL ENGINEERING NOTES:

- ALL CONSTRUCTION MUST CONFORM TO MARICOPA ASSOCIATION OF GOVERNMENT (MAG) SPECIFICATIONS AND DETAILS AND LATEST REVISIONS UNLESS OTHERWISE STATED ON PLANS.
- THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND THEY WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL OVERHEAD AND UNDERGROUND UTILITY LOCATIONS WHERE CONSTRUCTION OCCURS. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT ALL UTILITIES ARE AVOIDED. UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND NOT FOR CONSTRUCTION PURPOSES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AND OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT BLUE STAKE LAWS. CALL BLUE STAKE FOR FIELD LOCATION AT (602) 263-1100.
- THE CITY OF SURPRISE ENGINEERING SERVICES OF PUBLIC WORKS SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK AT 623-222-6150.
- THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION OR VARIANCE FROM THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE PROPOSED AND RESUBMITTED FOR REVIEW AND APPROVAL.
- THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE DRAWING, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE. EXISTING SURFACE FEATURES AND FENCING SHALL BE REPLACED IN KIND.
- ANY INSPECTION BY THE CITY, COUNTY, OR THE ENGINEER, SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE APPLICABLE CODES AND AGENCY REQUIREMENTS.
- THE CONTRACTOR IS TO LOCATE ALL EXISTING LANDSCAPING, LANDSCAPING IRRIGATION LINES, PROPERTY MONUMENTS, FENCING OR SURFACE FEATURES PRIOR TO CONSTRUCTION. ANYTHING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
- NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
- ALL CONSTRUCTION WATER USED WITHIN THE CITY OF SURPRISE WATER SERVICE AREA REQUIRES APPROVAL BY THE CITY OF SURPRISE PUBLIC WORKS DEPARTMENT AND MAY BE SUBJECT TO VOLUME AND TIME RESTRICTIONS. PLEASE SEE THE CITY OF SURPRISE CONSTRUCTION WATER GUIDELINES FOR ADDITIONAL INFORMATION. THE GUIDELINES CAN BE OBTAINED FROM THE PUBLIC WORKS DEPARTMENT AT 623-222-7000.
- TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH MAG SPECIFICATION 401, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND THE "TEMPORARY WORK ZONE TRAFFIC MANAGEMENT POLICY" (LATEST EDITION).
- PRIOR TO FINAL APPROVAL AND ACCEPTANCE OF THE WORK, THE DEVELOPER/CONTRACTOR WILL BE REQUIRED TO CLEAN AND REPAIR ADJACENT (OFF-PROJECT) ROADWAYS USED OR DAMAGED DURING THE COURSE OF CONSTRUCTION.
- EMERGENCY VEHICLE ACCESS (E.V.A.) MUST BE PROVIDED BY THE DEVELOPER/CONTRACTOR THROUGHOUT THE PROJECT SITE. E.V.A. ROADS AND SIGNAGE SHALL BE MAINTAINED BY THE DEVELOPER/CONTRACTOR AT ALL TIMES. SIGNAGE SHALL BE POSTED AT THE POINT OF ENTRY TO THE SITE AND AT ALL LOCATIONS WHERE A CHANGE IN DIRECTION OCCURS.
- THE PLANS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT'S ACCESSIBILITY GUIDELINES, AS PUBLISHED IN THE FEDERAL REGISTER ON SEPTEMBER 15, 2010.

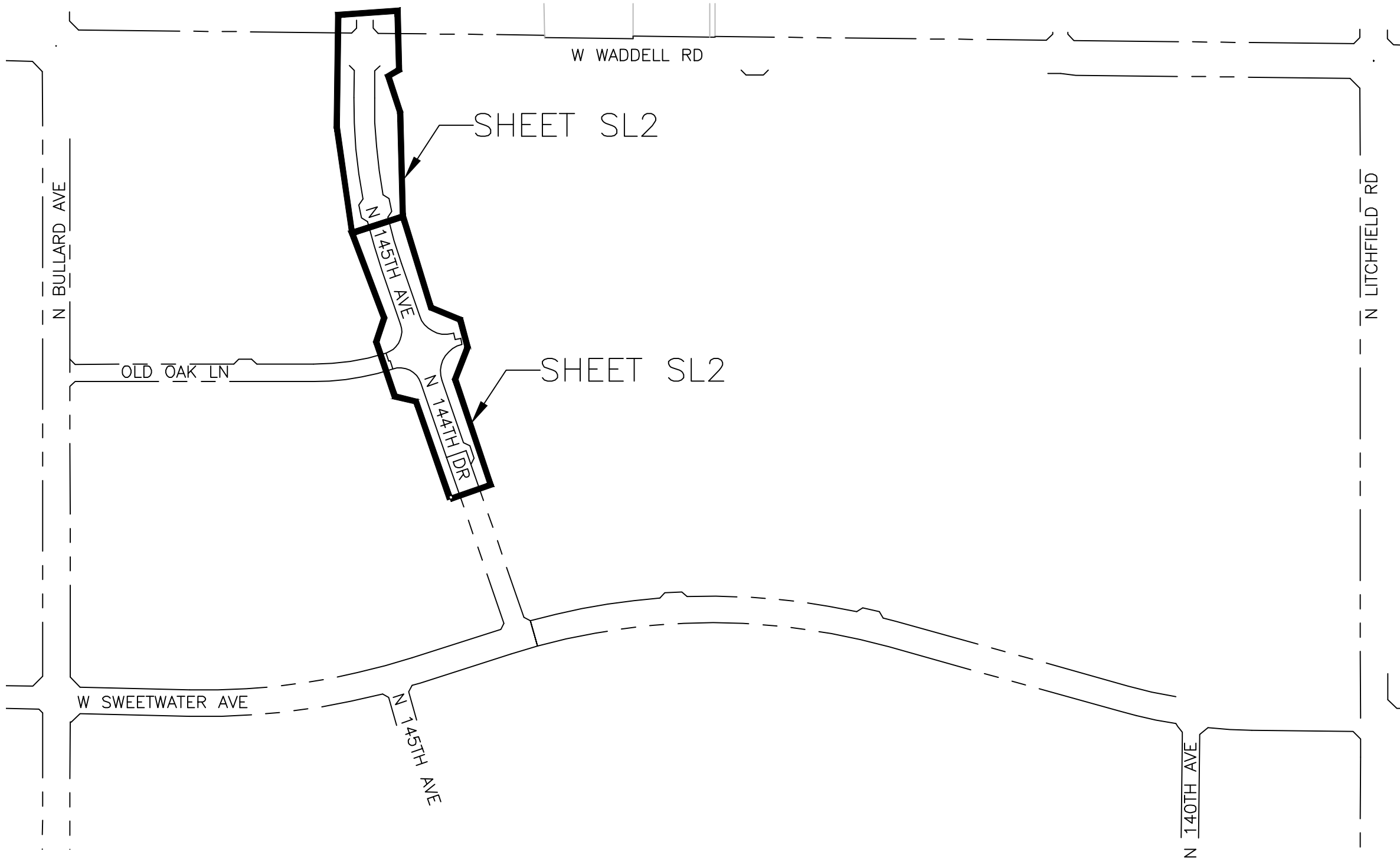
UTILITIES WITHIN OR AFFECTED BY THE PROJECT		
UTILITY CONTACT	DATE SUBMITTED	
ARIZONA PUBLIC SERVICE	01/02/2018	
CENTURY LINK	01/02/2018	
COX COMMUNICATIONS	01/02/2018	
COS WATER	01/02/2018	
SOUTHWEST GAS	01/02/2018	

NOTE

THE ELECTRICAL/MAINTENANCE COSTS OF ALL STREET LIGHTS ON LOCAL AND COLLECTOR STREETS (TYPICALLY THE 100 WATT / 9,500 LUMEN AND THE 150 WATT /16,000 LUMEN FIXTURES) ARE TO BE PAID BY THE ADJACENT PROJECT OR THE ADJACENT DEVELOPMENT'S STREET LIGHT IMPROVEMENT DISTRICT (SLID). THE ELECTRICAL / MAINTENANCE COSTS OF ALL STREET LIGHTS ON ARTERIAL STREETS (TYPICALLY THE 250 WATT/ 30,000 LUMEN FIXTURES) ARE TO BE BILLED TO THE CITY OF SURPRISE'S ENERGY BILL.

LED NOTE

LED TECHNOLOGY IS CHANGING RAPIDLY. THE FIXTURES SHOWN ON THESE PLANS MAY NOT BE APPLICABLE AT TIME OF CONSTRUCTION. CONTRACTOR TO COORDINATE WITH APS AND UTILIZE THEIR CURRENT SPECIFICATION AT THE TIME OF BIDDING AND CONSTRUCTION.



KEY MAP

N.T.S.



CIVIL ENGINEER
WOOD, PATEL & ASSOCIATES, INC
2051 W NORTHERN AVE, #100
PHOENIX, AZ 85051
PHONE: (602) 335-8500
FAX: (602) 335-8580
CONTACT: ETHAN BOYLE, P.E.

OWNER
MERITAGE HOMES
8800 E RAINTREE DR, SUITE 300
SCOTTSDALE, AZ 85260
PHONE: (480) 515-8251
CONTACT: EVAN BILTON, FORWARD PLANNER

CITY OF SURPRISE ENGINEER

DATE

STREET LIGHTING (APS AREA)

KEY NO.	SYMBOL	STREET TYPE	OFFSET BEHIND B/C	QUANTITY	POLE		MAST ARM	LUMINAIRE						APS STANDARD CODE NO.	
					POLE HEIGHT	FOUNDATION		SIZE	MOUNTING HEIGHT	LUMENS	WATTAGE	I.E.S. DIST.	VOLTAGE		TYPE
①		COLLECTOR	PER PLANS	5	38'-0"	DIRECT BURY	4'-0"	31'-6"	8,200	88 W	TYPE II	*	LED	ARCHITECTURAL (SHOEBOX)	8030.S4.RL42
②		COLLECTOR	PER PLANS	17	38'-0"	DIRECT BURY	4'-0"	31'-6"	4,800	41 W	TYPE II	*	LED	ARCHITECTURAL (SHOEBOX)	8030.S4.RL41

*PER UTILITY COMPANY REQUIREMENTS



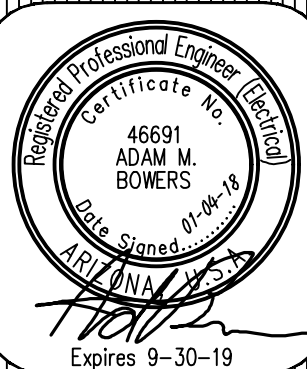
WRIGHT ENGINEERING
PROJECT NO:
17234-02
DESIGN BY: JKS
DRAWN BY: JKS
CHECKED BY: AMB

WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:

SURPRISE, ARIZONA
MARLEY PARK
144TH DRIVE
STREET LIGHT COVER SHEET

NO.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
1	OCT 2017	1ST SUBMITTAL
2	JAN 2018	2ND SUBMITTAL



DRAWING NO:
SL1
OF 3

8'-0"

8'-0"

2-1/2"

3"

6-6"

2-0"

4-0"

8130

8130

8140

8030

NOTE 2

NOTE 3

42"

24" MIN. TO TOP OF CONSTRUCTION

BURY DEPTH

5'

LUMINAIRE HEIGHT ABOVE GROUND

POLE ABOVE GROUND

POLE LENGTH

IF APPLICABLE:
D = DUSK TO DAWN
1 = 120 VOLT
2 = 208 VOLT
4 = 240 VOLT
7 = 277 VOLT

LIGHT CODE

S1 = SINGLE 6" ARM
S2 = SINGLE 2" ARM
S4 = SINGLE 4" ARM
S8 = SINGLE 8" HI-RISE ARM
D0 = DOUBLE 6" ARM
D2 = DOUBLE 2" ARM
D4 = DOUBLE 4" ARM
D8 = DOUBLE 8" HI-RISE ARM
T2 = TRIPLE 2" ARM
Q2 = QUAD 2" ARM

LIGHT CODE	APH	WATTS	TYPE	VOLTS	INITIAL LUMENS
AD	00098450	100		120/208/240/277	9500
AF	00098461	150		120/208/240/277	16000
AH	00098452	250	HPS	120/208/240/277	30000
AJ	00098454	400		120/208/240/277	50000
AL	01104442	175		120/208/240/277	14000
AM	01104443	250		120/208/240/277	21000
AN	01104444	400	MH	120/208/240/277	35000
AA	0116770	100	IND	120/208/240/277	8400
AP	0113722	100	LED	120/208/240/277	5800
AZ	01107462	250		120/208/240/277	12600
AW	33806772	55		120/240	8000
AS	33806774	90		120/240	13500
AU	33806776	135		120/240	22500
AV	33806778	180		120/240	33000



ROADWAY SCALEABLE LED 3000K						
LIGHT CODE	COLOR	APN	WATTS	VOLTS	INITIAL LUMENS	PHOTOMETRIC CURVE
RL40	DKBZ	00141047	32	120/208/240/277	3,800	ERL1_04B130_120-277VIES
RL41		00141048	41	120/208/240/277	4,800	ERL1_05E130_120-277VIES
RL42		00141049	88	120/208/240/277	8,200	ERL1_08E130_120-277VIES
RL43		00141050	108	120/208/240/277	11,000	ERS1_11E130_120-277VIES
RL44		00141051	162	120/208/240/277	19,000	ERS2_19E130_120-277VIES

- ① (1) 88W LED (8,200 LUMEN) FIXTURE (LIGHT CODE RL42) WITH PHOTOELECTRIC CONTROL ON A 38"-0" DIRECT BURIED POLE (1940.38) WITH A 4" MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL2). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.
- ② (1) 41W LED (4,800 LUMEN) FIXTURE (LIGHT CODE RL41) WITH PHOTOELECTRIC CONTROL ON A 38"-0" DIRECT BURIED POLE (1940.38) WITH A 4" MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL2). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.
- ③ INSTALL APS PULL BOX NEXT TO POLE. INSTALL 1" CONDUIT WITH (2) #14 TIE THHN/THWN AND (1) #14 BARE BOND FROM PULL BOX TO FUSE HOLDER IN STREET LIGHT PER APS DETAILS AND SPECIFICATIONS.
- ④ CONTRACTOR SHALL USE EXTREME CAUTION WHILE EXCAVATING DUE TO CLOSE PROXIMITY TO UNDERGROUND UTILITY LINE.
- ⑤ STREET LIGHT TO BE INSTALLED PER SEPARATE PLAN SET. SHOWN FOR REFERENCE ONLY.

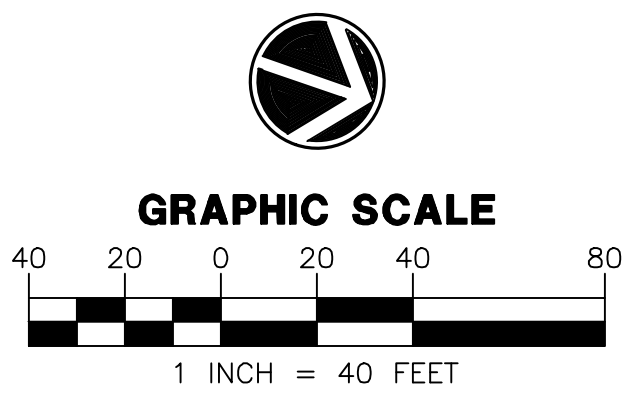
	4W LED SHOEBOX STREET LIGHT
	88W LED SHOEBOX STREET LIGHT
	STREET LIGHT PER SEPARATE PLAN
	STREET LIGHT PER SEPARATE PLAN
	EXISTING SHOEBOX STREET LIGHT
	EXISTING COBRAHEAD STREET LIGHT
	PULL BOX
	NEW CONDUIT RUN
	FIRE HYDRANT

1. ADJUST PHOTO EYE TO FACE NORTH.
2. A GROUND ROD IS PROVIDED WITH THE J-BOX. WHEN A GROUND ROD CAN NOT BE DRIVEN ALTERNATE GROUND SHALL BE USED. SEE 2449 THRU 2460 FOR APPROVED ALTERNATES.
3. SIGN, "NOTICE THIS POLE IS OWNED AND MAINTAINED BY APS DISCONNECT INSIDE" IS REQUIRED ON ALL DUSK-TO-DAWN AND AREA LIGHTING APPLICATIONS.
4. POLES THAT HAVE MORE THAN ONE LUMINAIRE REQUIRE A SEPARATE CIRCUIT WITH FUSING FROM THE J-BOX TO EACH LUMINAIRE.
5. USING THE 20'-0" POLE TO MATCH THE 18'-0" PEDESTRIAN LIGHT MOUNTING HEIGHTS REDUCE POLE BURY DUE TO 4'-0".
6. THE BROWN PHOTO CONTROL IS A FAIL OFF CONTROL AND SHALL BE USED WITH ALL INDUCTION AND LED LUMINAIRES.
7. ON 277 VOLT STREET LIGHT CIRCUITS, INSTALL A "277 VOLT" MISCARTA TAG ON CABLE IN J-BOX. TAG PROVIDED BY SPEC 8129.
8. THE LUMINAIRE SHOWN IS RECOMMENDED FOR THIS MOUNTING HEIGHT. SEE 8153 FOR ADDITIONAL BROWN ARCHITECTURAL LUMINAIRES.
9. THE TWO ARMED TERN BRACKET POSITIONS THE DOUBLE ARM 180 DEGREES APART.
10. TO ACCOMMODATE LESS THAN THE SPECIFIED LUMINAIRE MOUNTING HEIGHT, A SHOT ORDER IS REQUIRED TO HAVE A PORTION FROM THE TOP OF THE POLE CUT OFF. THE TERN ARM BRACKET SLIDES OVER AND COVERS THE CUT PORTION OF THE POLE.
11. IN-LINE FUSE FOR UNDERGROUND FEEDS, SEE 8130-8131.
12. FOR PEDESTRIAN ONLY APPLICATIONS SEE 8030.

POLE CODE	POLE LENGTH	BURY DEPTH	POLE ABOVE GROUND	LUMINAIRE HEIGHT ABOVE GROUND			
				6IN ARM	2FT ARM	4FT ARM	8FT ARM
1940.20	20'-0"	5'-0"	15'-0"	15'-0"	15'-0"	15'-0"	---
1940.30	30'-6"	5'-0"	25'-0"	25'-0"	25'-0"	25'-0"	33'-0"
1940.34	34'-0"	6'-0"	28'-0"	28'-0"	28'-0"	28'-0"	39'-6"
1940.38	38'-0"	6'-6"	31'-6"	31'-6"	31'-6"	31'-6"	39'-6"

															MATERIAL LIST		
CODE		8030.50		8030.52		8030.54		8030.58		8030.60		8030.62		8030.62			
ITEM	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	DESCRIPTION	APN	
1															BRACKET ARCH SPL BOLTED	0009225	
2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	CONDUIT 1" PVC FLEX CORR	32900891	
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	CONTROL PHOTO MULL BLACK	0006386	
4	VAR	VAR	VAR	VAR	VAR	VAR	VAR	VAR	VAR	VAR	VAR	VAR	VAR	VAR	CONTROL PHOTO MULL BR-20	00073241	
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	LAMP - SEE 6164 - 6171		
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	LUMINAIRE - SEE CHART		
7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	MAST ARM STL 3" SQ X 6" SGL	88370	
8	-	1	-	-	-	-	-	-	-	-	-	-	-	-	MAST ARM STL 3" SQ X 6" DBL	01021154	
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	MAST ARM STL 3" SQ X 2" SGL	33701116	
10	-	-	-	-	-	-	-	-	-	1	-	-	-	-	MAST ARM STL 3" SQ X 2" DBL	02321171	
11	-	-	-	-	-	-	-	-	-	1	MAST	ARM	STL	3" SQ X 2" TPL		50664	
12	-	-	-	-	-	-	-	-	-	-	MAST	ARM	STL	3" SQ X 2" BLAD		00052665	
13	-	-	-	-	-	-	-	-	-	-	MAST	ARM	STL	3" SQ X 8" SGL		00061738	
14	-	-	-	-	-	-	-	-	-	1	2	-	-	-	MAST ARM STL 3" SQ X 4" DBL	00072667	
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	MAST ARM STL 3" SQ X 8" SGL	33701120	
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	MAST ARM STL 3" BOLT ON	00052622	
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	SIGN POLE OWNED BY APS	00050992	
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	WIRE BARE #6 SLD CU	33007360	

 ARIZONA PUBLIC SERVICE COMPANY T&D CONSTRUCTION STANDARDS					LIGHTS ARCHITECTURAL ON 5" SQUARE BROWN PAINTED STEEL POLE DIRECT BURY					SH 2 OF 2	
BY	LDR.	MGR.	DATE	REV.							
KL	B. MCMINN	R. SMITH	04/20/10	3						8030	



ARIZONA BLUE STAKE
CALL TWO WORKING DAYS
BEFORE YOU DIG
Dial 811 or
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

WRIGHT ENGINEERING
PROJECT NO:
17234-02

DESIGN BY: JKS
DRAWN BY: JKS
CHECKED BY: AMB

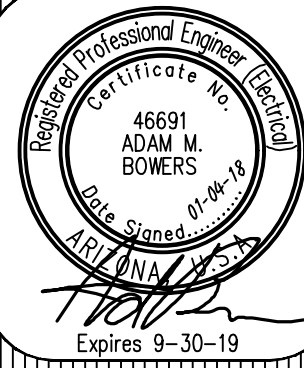
WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA, 85225
PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:

SURPRISE, ARIZONA
MARLEY PARK
144TH DRIVE

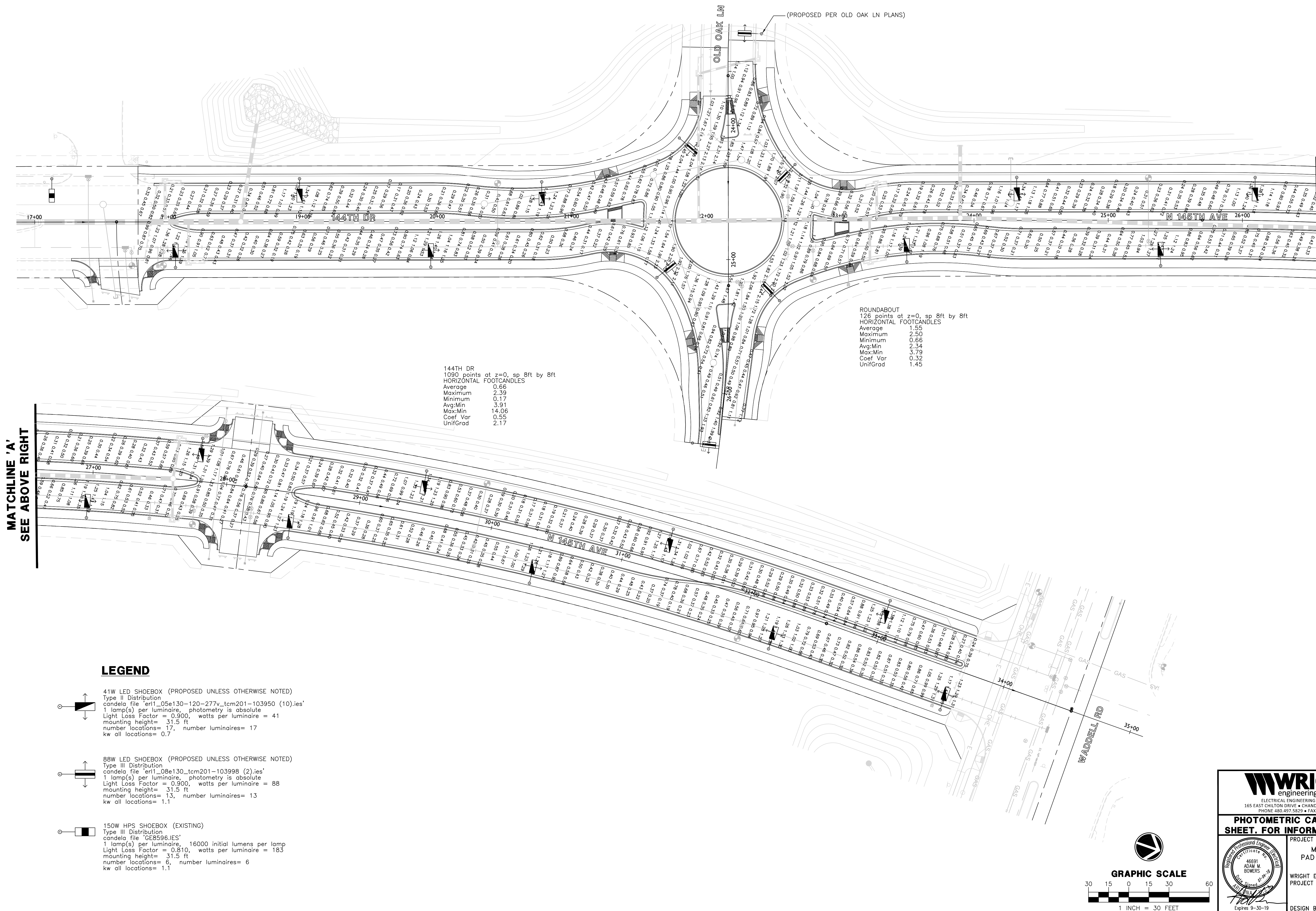
STREET LIGHT PLAN

C.C.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
	OCT 2017	1ST SUBMITTAL
	JAN 2018	2ND SUBMITTAL



DRAWING NO:
SL2
OF 3

H:\2017\17234-Marley Park Phases 4 & 5\17234-144th-Dr-SL.dwg



MATCHLINE 'A'
SEE BELOW LEFT

PROJECT NAME:	MARLEY PARK PAD PHASE 4 & 5 144TH DR
WRIGHT ENG.	
PROJECT NO:	17234-02

Expires 9-30-19

DESIGN BY: JKS **SL3**

THESE DRAWINGS AND SPECIFICATIONS ARE THE SOLE PROPERTY OF WRIGHT ENGINEERING CORPORATION AND MAY NOT BE REPRODUCED OR MODIFIED FOR ANY USE WITHOUT THE EXPRESS WRITTEN PERMISSION OF WRIGHT ENGINEERING CORPORATION.

MARLEY PARK PAD PHASE 4 & 5

OLD OAK LN

STREET LIGHT DESIGN

STREET LIGHTING REQUIREMENTS

5.00 GENERAL NOTES:

THE FOLLOWING INFORMATION IS PROVIDED TO EMPHASIZE CRITICAL WORK AND IS INTENDED TO SUPPLEMENT THE SPECIFICATIONS. SHOULD THERE BE A CONFLICT WITH THE SPECIFICATIONS, THIS DOCUMENT SHALL TAKE PRECEDENCE.

ALTERNATES SHALL BE PRE-APPROVED BY THE CITY ENGINEERING MANAGER. APPROVAL OF ALTERNATE PRODUCTS SHALL BE ON AN EQUAL BASIS WITH THE PRODUCT SPECIFIED AND SHALL BE SUBMITTED A MINIMUM OF TEN (10) DAYS PRIOR TO BID OPENING. STRUCTURAL CALCULATIONS SHALL BE FURNISHED FOR ALTERNATE PRODUCTS AND CERTIFIED BY A STRUCTURAL ENGINEER, REGISTERED IN THE STATE OF ARIZONA. LUMINAIRES AND LAMPS SHALL MEET OR EXCEED THE PHOTOMETRIC, ELECTRICAL, AND MECHANICAL REQUIREMENTS FOR THE SPECIFIED PRODUCTS.

THE CONTRACTOR SHALL COMPLY WITH STATE AND CITY STATUTES, AND MANUFACTURER'S RECOMMENDATIONS.

THE SUBMITTAL PACKAGE SHALL CONSIST OF THREE (3) COPIES OF EQUIPMENT/MATERIAL TO BE INSTALLED AND SHALL BE BOUND/STAPLED IN A FOLDER AND SUBMITTED AT THE TIME OF PERMIT APPLICATION.

PRIOR TO SUBMITTING A PROPOSAL, THE BIDDER SHALL EXAMINE ALL GENERAL CONSTRUCTION DRAWINGS AND VISIT THE CONSTRUCTION SITE TO BECOME FAMILIAR WITH EXISTING CONDITIONS UNDER WHICH HE WILL OPERATE AND WHICH WILL IN ANY WAY AFFECT THE WORK UNDER THE CONTRACT. NO SUBSEQUENT ALLOWANCE WILL BE MADE IN THIS CONNECTION IN THE BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLIGENCE ON HIS PART.

PRIOR TO ORDERING ANY MATERIALS OR DOING ANY WORK, THE CONTRACTOR SHOULD VERIFY DIMENSIONS AT THE SITE. IMMEDIATELY REPORT DIFFERENCES TO THE ENGINEERING MGR. AND SHOULD NOT PROCEED WITH WORK UNTIL THE ENGINEERING MGR. RENDERS A DECISION. NO EXTRA CHARGES OR COMPENSATION WILL BE ALLOWED FOR DIFFERENCES IN ACTUAL DIMENSIONS AND DIMENSIONS INDICATED ON THE DRAWINGS.

5.01 GENERAL:

THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH ALL LICENSING REQUIREMENTS SET FORTH BY THE STATE REGISTRAR OF CONTRACTORS OFFICE TO PERFORM WORK RELATING TO STREET LIGHT INSTALLATION IN THE CITY RIGHT-OF-WAY.

ONE PROJECT UNDERGROUND UTILITIES (RIGHT OF WAY) PERMIT AND ONE STREETLIGHT PERMIT FOR EACH STREET LIGHT POLE SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

5.02 WORKING / "AS BUILT" PLANS:

ACCEPTANCE OF THE COMPLETED IMPROVEMENTS WILL NOT BE GIVEN UNTIL 4 MIL PHOTO MYLAR REPRODUCIBLE "AS BUILT" PLANS HAVE BEEN SUBMITTED TO AND APPROVED BY THE CITY ENGINEER.

5.03 LIGHT POLES:

LIGHT POLES SHALL BE INSTALLED PLUMB, BE ADJUSTED TO PROVIDE PROPER ALIGNMENT TO THE ROADWAY WHEN LIGHTED AND BE PROPERLY GROUNDED WHEN THE INSTALLATION IS COMPLETE.

5.04 EMBEDMENT:

DIRECT BURIED POLES SHALL BE SET IN A TWELVE (12) INCH AUGURED HOLE DEPTH AS SPECIFIED IN UNDISTURBED EARTH. POLE SHALL BE SET PLUMB IN TWO DIRECTIONS 90 DEGREES APART. HAND TAMPING OF ABC BACKFILL WITH PNEUMATIC OR VIBRATING EQUIPMENT IS THE ACCEPTABLE METHOD OF COMPACTION. BACKFILL SHALL BE COMPACTED TO 85% OF MAXIMUM DENSITY AS DEFINED BY ASTM D-2922 AND D-3017. A GROUND ROD SHALL BE INSTALLED ADJACENT TO PULL BOX IN UNDISTURBED SOIL AND A LEAD IN COPPER BOND WIRE (#6) SHALL BE INSTALLED IN 1" CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT (OR EQUAL) FOR POLE GROUNDING.

SURPLUS EXCAVATION SHALL BE DISPOSED OF BY THE CONTRACTOR.

5.05 LUMINAIRES:

LUMINAIRES SHALL BE INSTALLED LEVEL AND INCLUDE A LAMP AND PHOTOCCELL. CONTRACTOR SHALL ASSURE THAT THE LUMINAIRES SHALL BE FREE OF DUST, DIRT OR ANYTHING THAT WOULD IMPAIR THE OUTPUT OF THE LIGHT BEFORE HE LEAVES THE SITE.

LUMINAIRES FURNISHED WITH MULTI-TAP BALLASTS SHALL BE REWIRED OR RECONNECTED TO MATCH THE VOLTAGE SUPPLIED BY THE ELECTRIC UTILITY COMPANY.

5.06 WIRING:

WIRING SHALL BE INSTALLED PER UTILITY STANDARDS.

5.07 GROUNDING:

EACH POLE SHALL HAVE A 8' x 5/8" COPPER CLAD GROUND ROD DRIVEN ADJACENT TO PULL BOX. A #6 BARE COPPER LEAD FROM THE GROUND ROD IN PULL BOX TO LANDING LUG IN STREET LIGHT POLE HAND HOLE.

5.08 PULL BOXES:

EXCAVATION FOR PULL BOXES AND MATERIAL SPECIFICATION SHALL BE PER THE ELECTRIC UTILITY COMPANY STANDARDS.

5.09 TRENCH

TRENCH SHALL BE INSTALLED PER THE UTILITY COMPANY STANDARDS.

THE USE OF A COMMON ELECTRIC UTILITY COMPANY TRENCH IS PERMITTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE UTILITY COMPANY FOR COORDINATION OF TRENCHING AND THE INSTALLATION OF CONDUIT.

CONDUIT SHALL BE INSTALLED AT THE DEPTH SPECIFIED ON THE PLANS. CONDUIT SHALL BE 1 INCH CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT OR EQUAL. CONDUIT MUST BE UL RATED AND SUITABLE FOR UNDERGROUND USE.

CONNECTIONS SHALL BE PER UTILITY STANDARDS.

5.12 LIGHT POLE IDENTIFICATION:

THE CONTRACTOR SHALL FURNISH AND INSTALL A NUMBER ON EACH LIGHT POLE. STREET LIGHT POLE IDENTIFICATION AND SPECIFICATIONS WILL BE PROVIDED BY THE CITY OF SURPRISE.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO RESTORE ALL PROPERTY, LANDSCAPING, PAVING AND DRIVEWAYS THAT ARE DISTURBED DURING STREET LIGHT CONSTRUCTION TO THEIR ORIGINAL CONDITION IN CONFORMANCE WITH "MAG" SPECIFICATION SECTION 107.9.

THE DEVELOPER SHALL BE RESPONSIBLE FOR FURNISHING ALL PERSONNEL AND EQUIPMENT TO SUCCESSFULLY PERFORM THE FOLLOWING TEST.

PRIOR TO ACCEPTANCE, THE DEVELOPER SHALL ENERGIZE AND OPERATE THE ENTIRE ROADWAY LIGHTING SYSTEM, FROM SUNSET TO SUNRISE FOR TWO CONSECUTIVE DAYS WITHOUT INTERRUPTION OR FAILURE. IF A LAMP OR BALLAST SHOULD FAIL, IT SHALL BE IMMEDIATELY REPLACED.

THE CONTRACTOR SHALL GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE ENGINEERING MANAGER, AGAINST IMPERFECT WORKMANSHIP, FAILURE, MALFUNCTION OF MATERIALS AND/OR EQUIPMENT DUE TO FAULTY OR IMPERFECT WORKMANSHIP. THIS GUARANTEE IS TO BE IN WRITING TO THE CITY AT THE TIME OF ISSUING FINAL ACCEPTANCE. WORK FOUND TO BE DEFECTIVE WITHIN THE WARRANTY PERIOD SHALL BE REPLACED WITHOUT COST TO THE CITY.

GENERAL ENGINEERING NOTES:

- ALL CONSTRUCTION MUST CONFORM TO MARICOPA ASSOCIATION OF GOVERNMENT (MAG) SPECIFICATIONS AND DETAILS AND LATEST REVISIONS UNLESS OTHERWISE STATED ON PLANS.
- THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND THEY WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL OVERHEAD AND UNDERGROUND UTILITY LOCATIONS WHERE CONSTRUCTION OCCURS. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT ALL UTILITIES ARE AVOIDED. UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND NOT FOR CONSTRUCTION PURPOSES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AND OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT BLUE STAKE LAWS. CALL BLUE STAKE FOR FIELD LOCATION AT (602) 263-1100.
- THE CITY OF SURPRISE ENGINEERING SERVICES OF PUBLIC WORKS SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK AT 623-222-6150.
- THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION OR VARIANCE FROM THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE PROPOSED AND RESUBMITTED FOR REVIEW AND APPROVAL.
- THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE DRAWING, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE. EXISTING SURFACE FEATURES AND FENCING SHALL BE REPLACED IN KIND.
- ANY INSPECTION BY THE CITY, COUNTY, OR THE ENGINEER, SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE APPLICABLE CODES AND AGENCY REQUIREMENTS.
- THE CONTRACTOR IS TO LOCATE ALL EXISTING LANDSCAPING, LANDSCAPING IRRIGATION LINES, PROPERTY MONUMENTS, FENCING OR SURFACE FEATURES PRIOR TO CONSTRUCTION. ANYTHING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
- NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
- ALL CONSTRUCTION WATER USED WITHIN THE CITY OF SURPRISE WATER SERVICE AREA REQUIRES APPROVAL BY THE CITY OF SURPRISE PUBLIC WORKS DEPARTMENT AND MAY BE SUBJECT TO VOLUME AND TIME RESTRICTIONS. PLEASE SEE THE CITY OF SURPRISE CONSTRUCTION WATER GUIDELINES FOR ADDITIONAL INFORMATION. THE GUIDELINES CAN BE OBTAINED FROM THE PUBLIC WORKS DEPARTMENT AT 623-222-7000.
- TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH MAG SPECIFICATION 401, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND THE "TEMPORARY WORK ZONE TRAFFIC MANAGEMENT POLICY" (LATEST EDITION).
- PRIOR TO FINAL APPROVAL AND ACCEPTANCE OF THE WORK, THE DEVELOPER/CONTRACTOR WILL BE REQUIRED TO CLEAN AND REPAIR ADJACENT (OFF-PROJECT) ROADWAYS USED OR DAMAGED DURING THE COURSE OF CONSTRUCTION.
- EMERGENCY VEHICLE ACCESS (E.V.A.) MUST BE PROVIDED BY THE DEVELOPER/CONTRACTOR THROUGHOUT THE PROJECT SITE. E.V.A. ROADS AND SIGNAGE SHALL BE MAINTAINED BY THE DEVELOPER/CONTRACTOR AT ALL TIMES. SIGNAGE SHALL BE POSTED AT THE POINT OF ENTRY TO THE SITE AND AT ALL LOCATIONS WHERE A CHANGE IN DIRECTION OCCURS.
- THE PLANS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT'S ACCESSIBILITY GUIDELINES, AS PUBLISHED IN THE FEDERAL REGISTER ON SEPTEMBER 15, 2010.

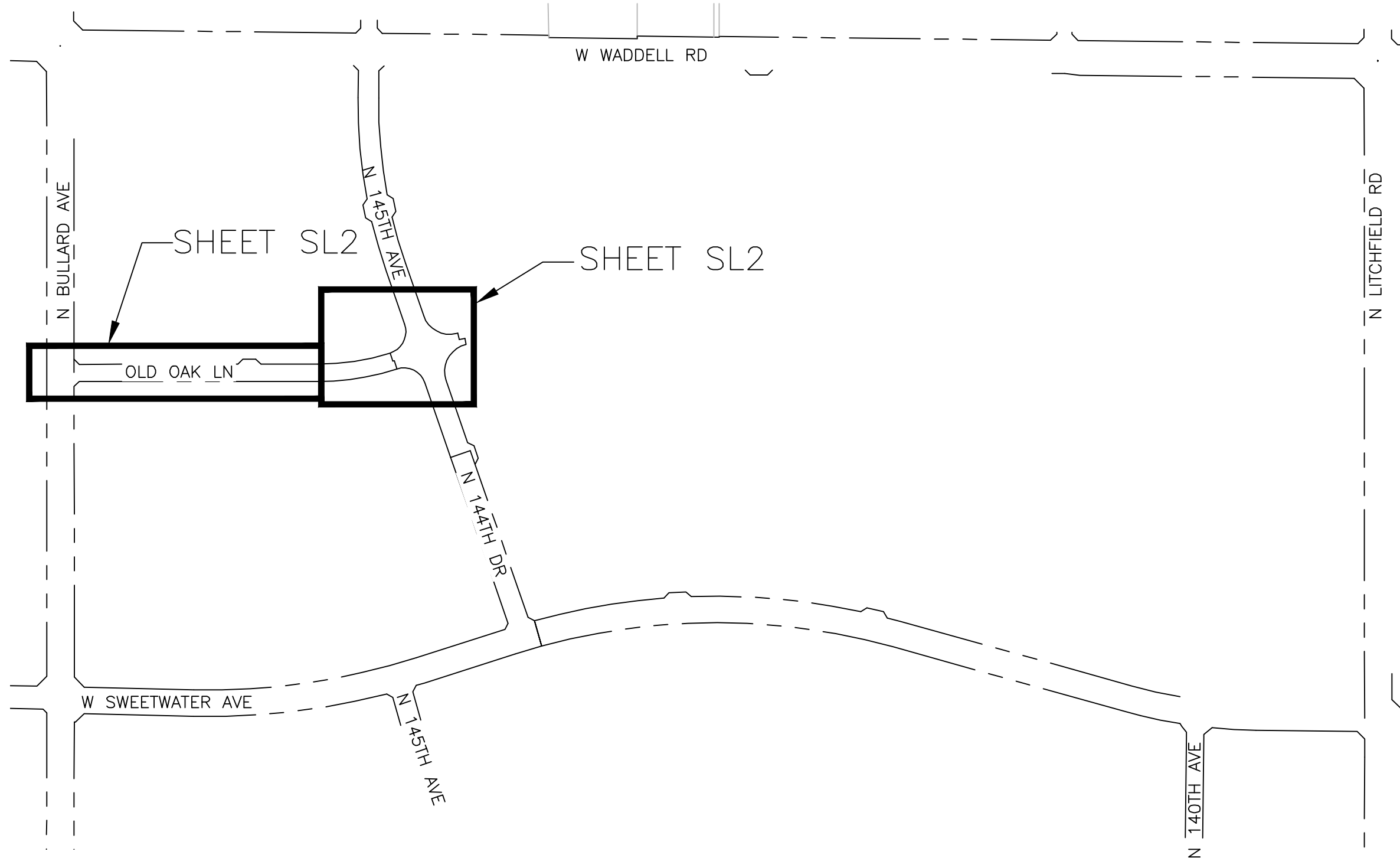
UTILITIES WITHIN OR AFFECTED BY THE PROJECT		
UTILITY CONTACT	DATE SUBMITTED	
ARIZONA PUBLIC SERVICE	10/17/2017	
CENTURY LINK	10/17/2017	
COX COMMUNICATIONS	10/17/2017	
EPCOR WATER INC	10/17/2017	
SOUTHWEST GAS	10/17/2017	

NOTE

THE ELECTRICAL/MAINTENANCE COSTS OF ALL STREET LIGHTS ON LOCAL AND COLLECTOR STREETS (TYPICALLY THE 100 WATT / 9,500 LUMEN AND THE 150 WATT /16,000 LUMEN FIXTURES) ARE TO BE PAID BY THE ADJACENT PROJECT OR THE ADJACENT DEVELOPMENT'S STREET LIGHT IMPROVEMENT DISTRICT (SLID). THE ELECTRICAL / MAINTENANCE COSTS OF ALL STREET LIGHTS ON ARTERIAL STREETS (TYPICALLY THE 250 WATT/ 30,000 LUMEN FIXTURES) ARE TO BE BILLED TO THE CITY OF SURPRISE'S ENERGY BILL.

LED NOTE

LED TECHNOLOGY IS CHANGING RAPIDLY. THE FIXTURES SHOWN ON THESE PLANS MAY NOT BE APPLICABLE AT TIME OF CONSTRUCTION. CONTRACTOR TO COORDINATE WITH APS AND UTILIZE THEIR CURRENT SPECIFICATION AT THE TIME OF BIDDING AND CONSTRUCTION.



KEY MAP

N.T.S.



CITY OF SURPRISE APPROVAL

THIS SET OF PLANS HAS BEEN REVIEWED FOR COMPLIANCE WITH CITY REQUIREMENTS PRIOR TO ISSUANCE OF PERMITS. THE CITY NEITHER ACCEPTS NOR ASSUMES ANY LIABILITY FOR ERRORS OR OMISSIONS. THIS COMPLIANCE APPROVAL SHALL NOT PREVENT THE CITY ENGINEER FROM REQUIRING CORRECTIONS OF ERRORS OR OMISSIONS IN PLANS FOUND TO BE IN VIOLATION OF LAW OR ORDINANCES.

CITY OF SURPRISE ENGINEER

DATE

STREET LIGHTING (APS AREA)

KEY NO.	SYMBOL	STREET TYPE	OFFSET BEHIND B/C	QUANTITY	POLE		MAST ARM	LUMINAIRE						APS STANDARD CODE NO.	
					POLE HEIGHT	FOUNDATION	SIZE	MOUNTING HEIGHT	LUMENS	WATTAGE	I.E.S. DIST.	VOLTAGE	TYPE		STYLE
①		COLLECTOR	PER PLANS	8	38'-0"	DIRECT BURY	4'-0"	31'-6"	8,200	88 W	TYPE II	*	LED	ARCHITECTURAL (SHOEBOX)	8030.S4.RL42

*PER UTILITY COMPANY REQUIREMENTS

CIVIL ENGINEER
WOOD, PATEL & ASSOCIATES, INC
2051 W NORTHERN AVE, #100
PHOENIX, AZ 85051
PHONE: (602) 335-8500
FAX: (602) 335-8580
CONTACT: ETHAN BOYLE, P.E.

OWNER
MERITAGE HOMES
8800 E RAINTREE DR, SUITE 300
SCOTTSDALE, AZ 85260
PHONE: (480) 515-8251
CONTACT: EVAN BILTON, FORWARD PLANNER



WRIGHT ENGINEERING
PROJECT NO:
17234-03
DESIGN BY: JKS
DRAWN BY: JKS
CHECKED BY: AMB

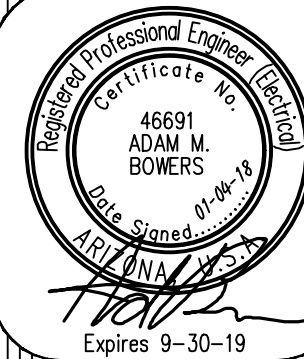
WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:

SURPRISE, ARIZONA
MARLEY PARK - OLD OAK LN
OLD OAK LN & BULLARD AVE
STREET LIGHT COVER SHEET

NO. DATE SUBMITTALS/REVISIONS (DESCRIPTIONS)

1 OCT 2017 1ST SUBMITTAL
2 JAN 2018 2ND SUBMITTAL

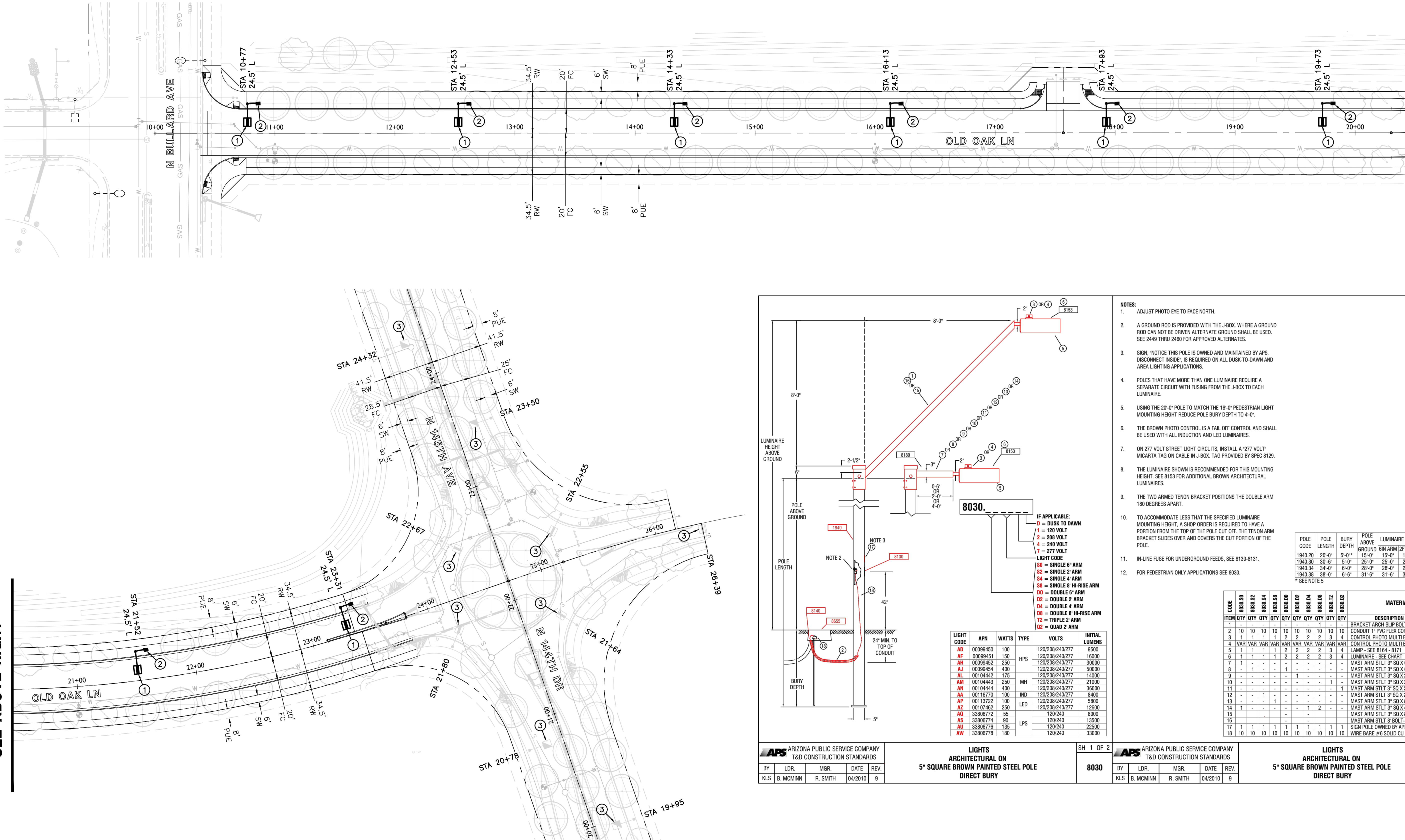


DRAWING NO:
SL1
OF 3

H:\2017\17234-Marley Park Phases 4 & 5\17234-Old Oak Ln-SL.dwg

THESE DRAWINGS AND SPECIFICATIONS ARE THE SOLE PROPERTY OF WRIGHT ENGINEERING CORPORATION AND MAY NOT BE REPRODUCED OR MODIFIED FOR ANY USE WITHOUT THE EXPRESS WRITTEN PERMISSION OF WRIGHT ENGINEERING CORPORATION.

MATCHLINE 'A'
SEE ABOVE RIGHT



MATCHLINE 'A'
SEE BELOW LEFT

CONSTRUCTION NOTES

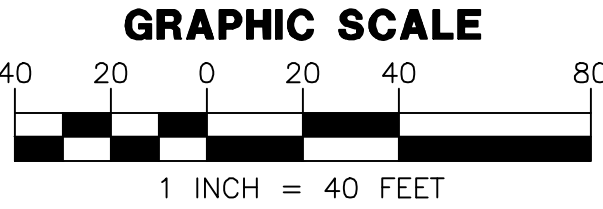
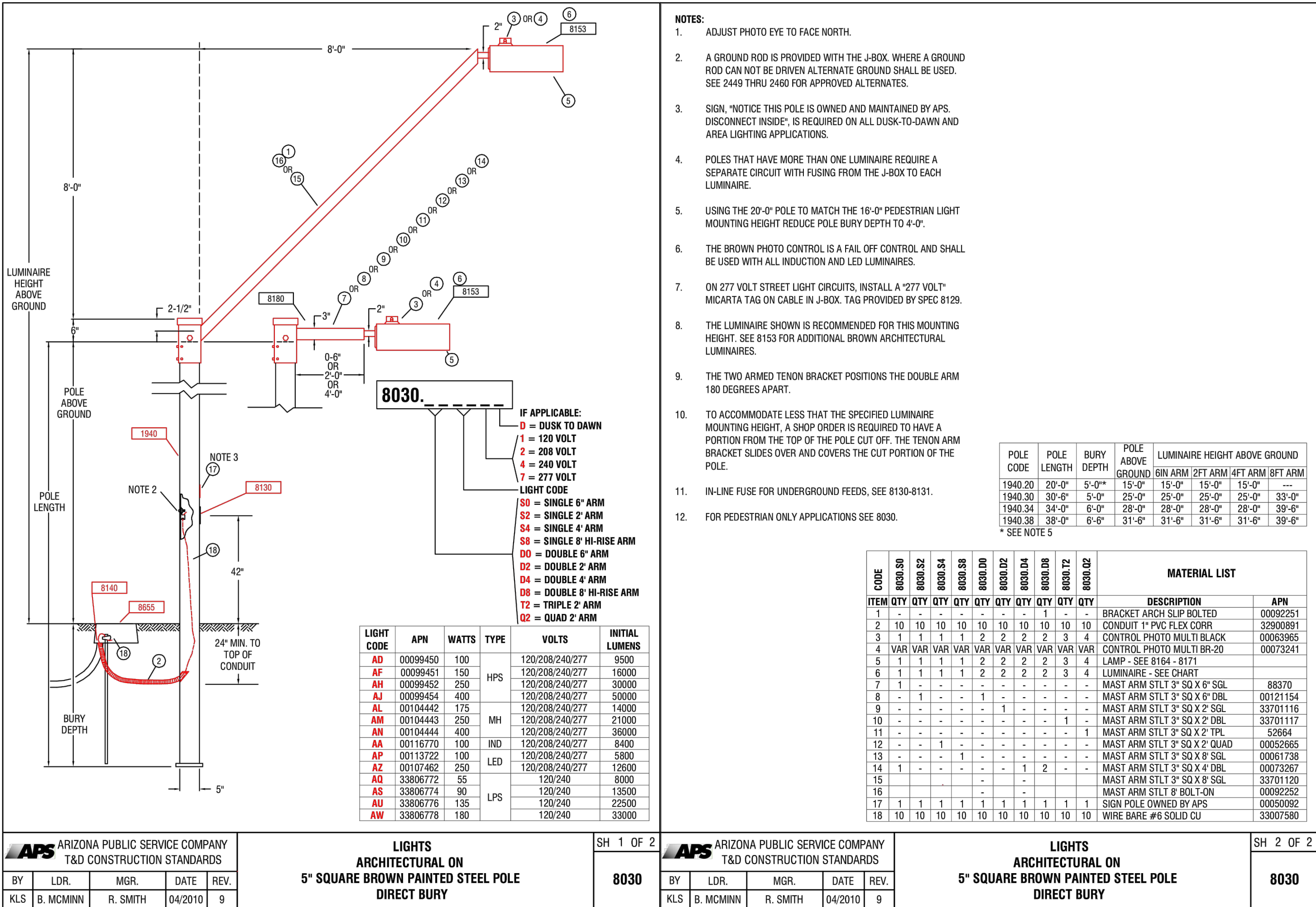
- (1) 88W LED (8,200 LUMEN) FIXTURE (LIGHT CODE RL42) WITH PHOTOELECTRIC CONTROL ON A 38'-0" DIRECT BURIED POLE (1940.38) WITH A 4' MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL2). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.
- INSTALL APS PULL BOX NEXT TO POLE. INSTALL 1" CONDUIT WITH (2) #14 TYPE THHN/THWN AND (1) #14 BARE BOND FROM PULL BOX TO FUSE HOLDER IN STREET LIGHT PER APS DETAILS AND SPECIFICATIONS.
- STREET LIGHT TO BE INSTALLED PER SEPARATE PLAN SET. SHOWN FOR REFERENCE ONLY.

LEGEND

- 88W LED SHOEBOX STREET LIGHT
- EXISTING SHOEBOX STREET LIGHT
- EXISTING COBRAHEAD STREET LIGHT
- STREET LIGHT PER SEPARATE PLAN SET
- STREET LIGHT PER SEPARATE PLAN SET
- PULL BOX
- NEW CONDUIT RUN
- FIRE HYDRANT

ROADWAY SCALEABLE LED 3000K

LIGHT CODE	COLOR	APN	WATTS	VOLTS	INITIAL LUMENS	PHOTOMETRIC CURVE
RL40		00141047	32	120/208/240/277	3,800	ERL1_04B130_120-277VIES
RL41		00141048	41	120/208/240/277	4,800	ERL1_05E130_120-277VIES
RL42	DKBZ	00141049	88	120/208/240/277	8,200	ERL1_08E130_120-277VIES
RL43		00141050	108	120/208/240/277	11,000	ERS1_11E130_120-277VIES
RL44		00141051	162	120/208/240/277	19,000	ERS2_19E130_120-277VIES



ARIZONA BLUE STAKE
CALL TWO WORKING DAYS
BEFORE YOU DIG
Dial 811 or
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

WRIGHT ENGINEERING
PROJECT NO:
17234-03
DESIGN BY: JKS
DRAWN BY: JKS
CHECKED BY: AMB

WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
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PROJECT: TITLE:

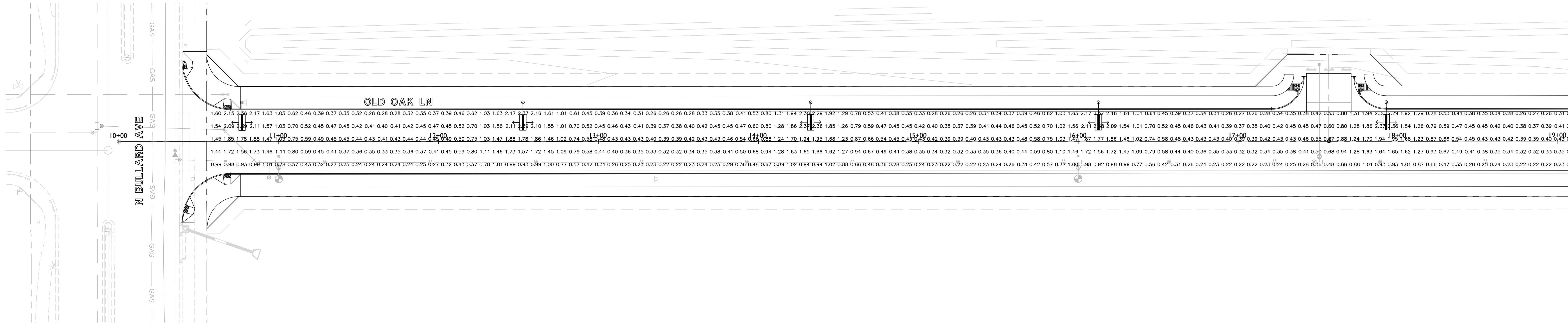
SURPRISE, ARIZONA
MARLEY PARK - OLD OAK LN
OLD OAK LN & BULLARD AVE
STREET LIGHT PLAN

NO.	DATE	SUBMITTALS/REVISIONS	DESCRIPTIONS
1	OCT 2017	1ST SUBMITTAL	
2	JAN 2018	2ND SUBMITTAL	

Professional Engineer
46691
ADAM M. BOWERS
Exp. 9-30-19

DRAWING NO:
SL2
OF 3

H:\2017\17234-Marley Park Phases 4 & 5\17234-Old Oak Ln-SL.dwg



MATCHLINE 'A'
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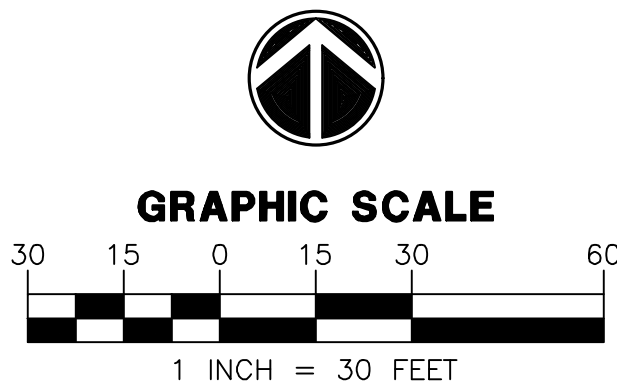
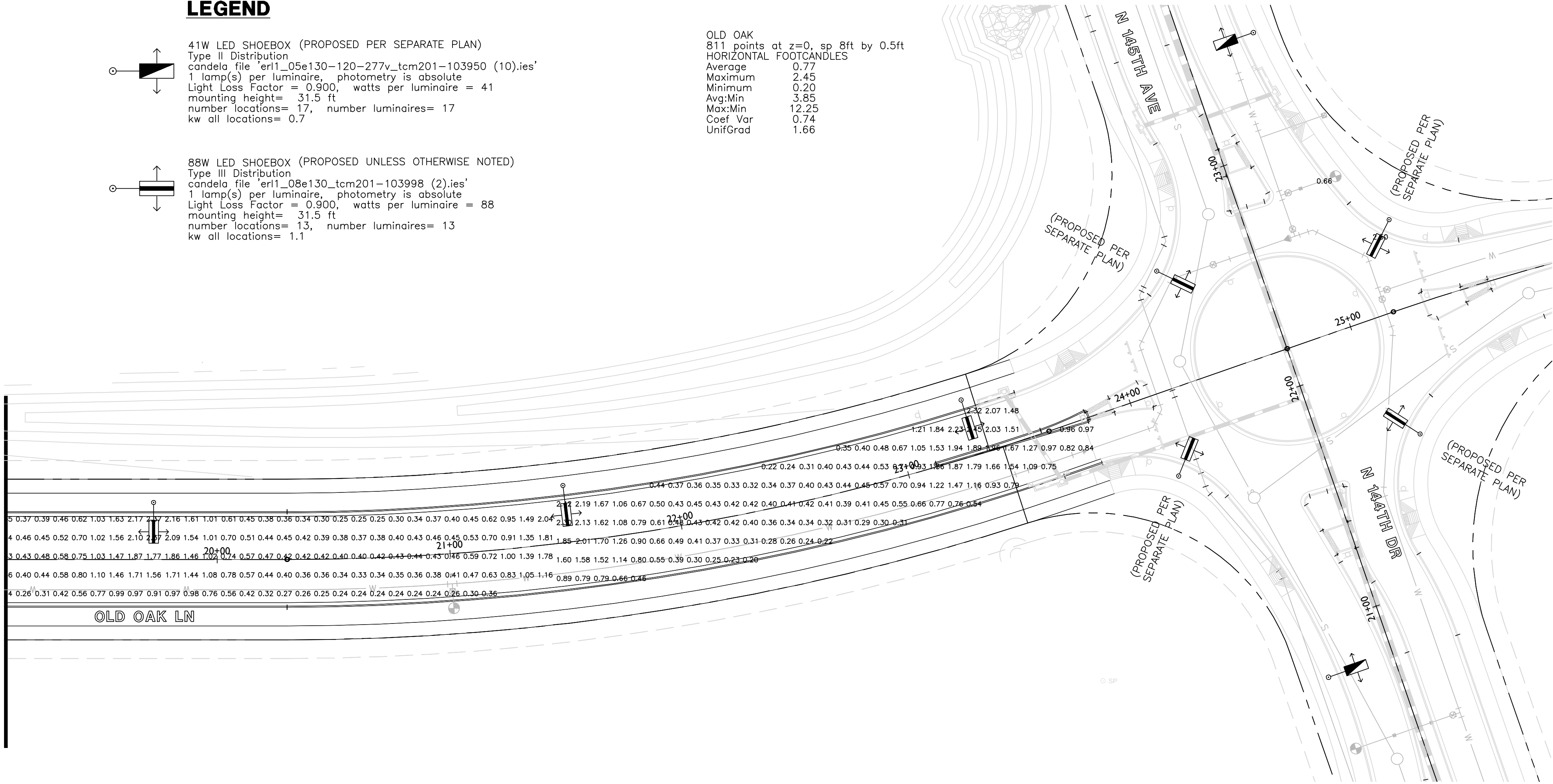
LEGEND

41W LED SHOEBOX (PROPOSED PER SEPARATE PLAN)
Type II Distribution
candela file 'eri1_05e130-120-277v_tcm201-103950 (10).ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 41
mounting height= 31.5 ft
number locations= 17, number luminaires= 17
kw all locations= 0.7

88W LED SHOEBOX (PROPOSED UNLESS OTHERWISE NOTED)
Type III Distribution
candela file 'eri1_08e130_tcm201-103998 (2).ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 88
mounting height= 31.5 ft
number locations= 13, number luminaires= 13
kw all locations= 1.1

OLD OAK
811 points at z=0, sp 8ft by 0.5ft
HORIZONTAL FOOTCANDLES
Average 0.77
Maximum 2.45
Minimum 0.20
Avg:Min 3.85
Max:Min 12.25
Coef Var 0.74
UniGrad 1.66

MATCHLINE 'A'
SEE ABOVE RIGHT



WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807

**PHOTOMETRIC CALCULATION
SHEET. FOR INFORMATION ONLY.**

Professional Engineer
46691
ADAM M.
BOWERS
Exp. 9-30-19

Signature
Date
Exp. 9-30-19

PROJECT NAME:
MARLEY PARK
PAD PHASE 4 & 5
OLD OAK LN
WRIGHT ENG.
PROJECT NO: **17234-03**
DESIGN BY: JKS **SL3**

File: 18001-1A-SL1.dwg Drafter: Brandon Rickard Saved: Jun 14, 2018

DARCOR GENERAL NOTES

- A. LOCATIONS INDICATED FOR EXISTING UNDERGROUND UTILITIES ARE BASED ON DRAWINGS PROVIDED TO US BY THE CIVIL ENGINEER AT TIME OF DESIGN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UNDERGROUND OBSTRUCTIONS AND UTILITIES ENCOUNTERED DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING BLUE-STAKE AND POT-HOLING TO VERIFY ALL EXISTING UNDERGROUND OBSTRUCTIONS.
- B. DARCOR & ASSOCIATES INC., ITS OWNERS, OR EMPLOYEES WILL NOT BE HELD RESPONSIBLE FOR ANY DAMAGE TO PROPERTY CAUSED BY OTHERS DURING OR RESULTING FROM CONSTRUCTION OF THIS PROJECT.
- C. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR COORDINATING THE RELOCATION OF UTILITIES, POWER POLES, ETC.
- D. THE CONTRACTOR SHALL PROVIDE THE CITY WITH ACCURATE AS-BUILT INFORMATION INCLUDING FIELD MEASUREMENTS TO ELECTRICAL EQUIPMENT AND UNDERGROUND CONDUIT ROUTING.
- E. ANY QUANTITIES SHOWN ARE THE BEST ESTIMATE OF THE ENGINEER. THE CONTRACTOR SHALL MAKE HIS OWN INDEPENDENT ESTIMATE OF QUANTITIES AND BASE HIS BID THEREON.
- F. THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES OR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED DURING CONSTRUCTION, AND WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- G. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL PROPERTY, LANDSCAPING, PAVING AND DRIVEWAYS THAT ARE DISTURBED DURING CONSTRUCTION TO THEIR ORIGINAL CONDITION WITH CONFORMANCE TO MAG SPECIFICATION SECTION 107.9.

THE ELECTRICAL / MAINTENANCE COSTS OF ALL STREET LIGHTS ON LOCAL AND COLLECTOR STREETS (TYPICALLY THE 41 WATT / 4,800 LUMEN AND THE 88 WATT / 8,500 LUMEN FIXTURES) ARE TO BE PAID BY THE ADJACENT PROJECT OR THE ADJACENT DEVELOPMENT'S STREET LIGHT IMPROVEMENT DISTRICT (SLID)

LED TECHNOLOGY IS CHANGING RAPIDLY, THE FIXTURES SHOWN ON THESE PLANS MAY NOT BE APPLICABLE AT TIME OF CONSTRUCTION. CONTRACTOR TO COORDINATE WITH APS AND UTILIZE THEIR CURRENT SPECIFICATION AT THE TIME OF BIDDING AND CONSTRUCTION.

CITY OF SURPRISE
GENERAL ENGINEERING NOTES

1. ALL CONSTRUCTION MUST CONFORM TO MARICOPA ASSOCIATION OF GOVERNMENT (MAG) SPECIFICATIONS AND DETAILS AND LATEST REVISIONS UNLESS OTHERWISE STATED ON PLANS.
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4. THE CITY OF SURPRISE ENGINEERING SERVICES OF PUBLIC WORKS SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK AT 623-222-6150.
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11. TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH MAG SPECIFICATION 401, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND THE "TEMPORARY WORK ZONE TRAFFIC MANAGEMENT POLICY" (LATEST EDITION).
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14. THE PLANS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT'S ACCESSIBILITY GUIDELINES, AS PUBLISHED IN THE FEDERAL REGISTER ON SEPTEMBER 15, 2010.

STREET LIGHTING PLANS
FOR
HOMESTEAD AT MARLEY PARK PHASE 4&5
PARCEL 1A

A PORTION OF THE NORTHWEST QUARTER OF SECTION 16, TOWNSHIP 3 NORTH, RANGE 1 WEST OF THE
GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, CITY OF SURPRISE, ARIZONA

DEVELOPER

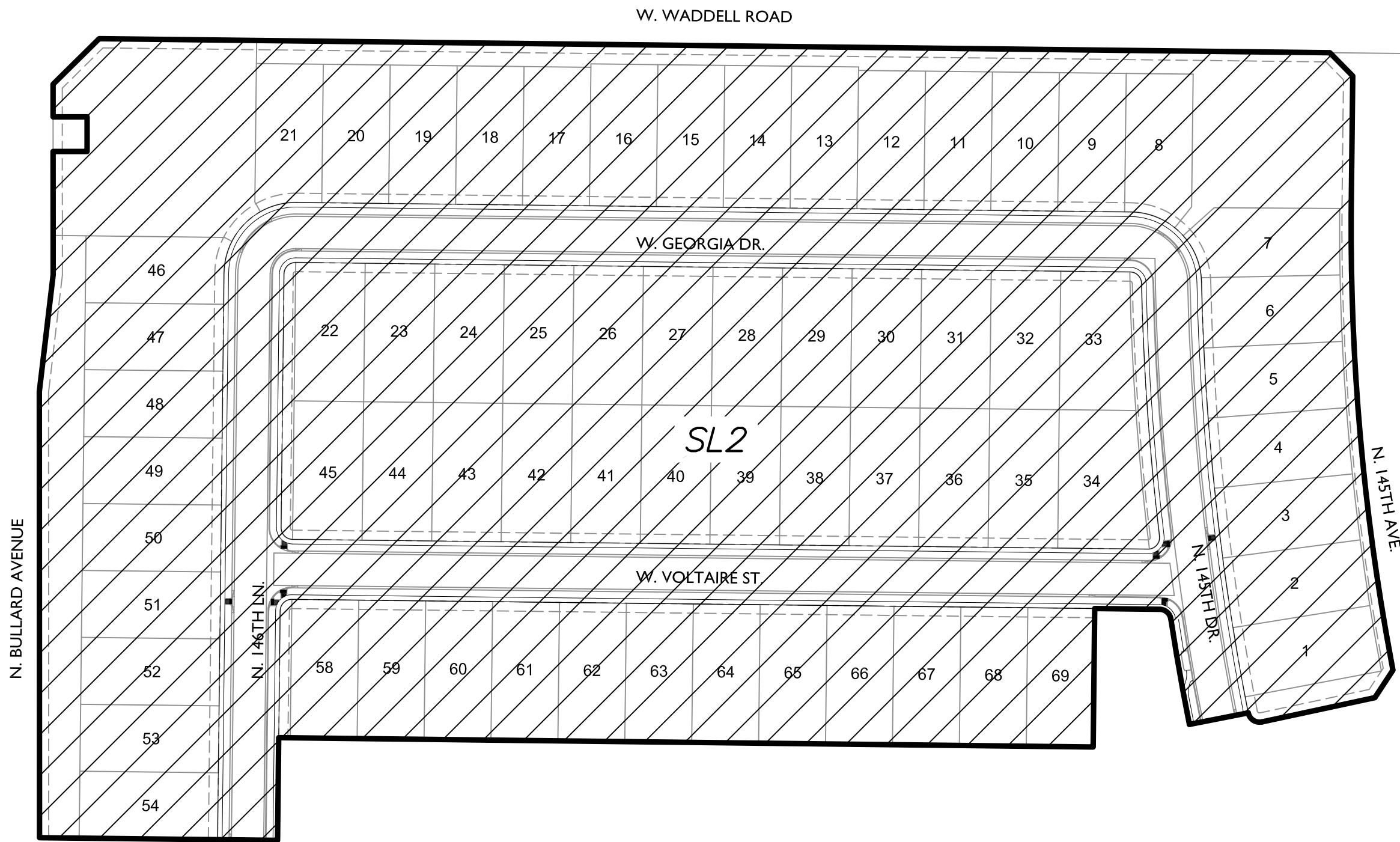
MERITAGE HOMES OF ARIZONA, INC.
8800 E. RAINTREE DR., STE. 300
SCOTTSDALE, AZ 85260
PHONE: (480) 515-8251
CONTACT: JASON JARVIS

CIVIL ENGINEER

ENTELLUS, INC.
3033 N. 44TH STREET, STE 250
PHOENIX, ARIZONA 85018
PHONE: (602) 244-2566
CONTACT: MICHAEL R. GLEESON, P.E.

ELECTRICAL ENGINEER

DARCOR & ASSOCIATES
7600 N. 16TH STREET, STE 212
PHOENIX, AZ 85020
PHONE: (602) 795-2699
CONTACT: DARWIN REYNOLDS, P.E.

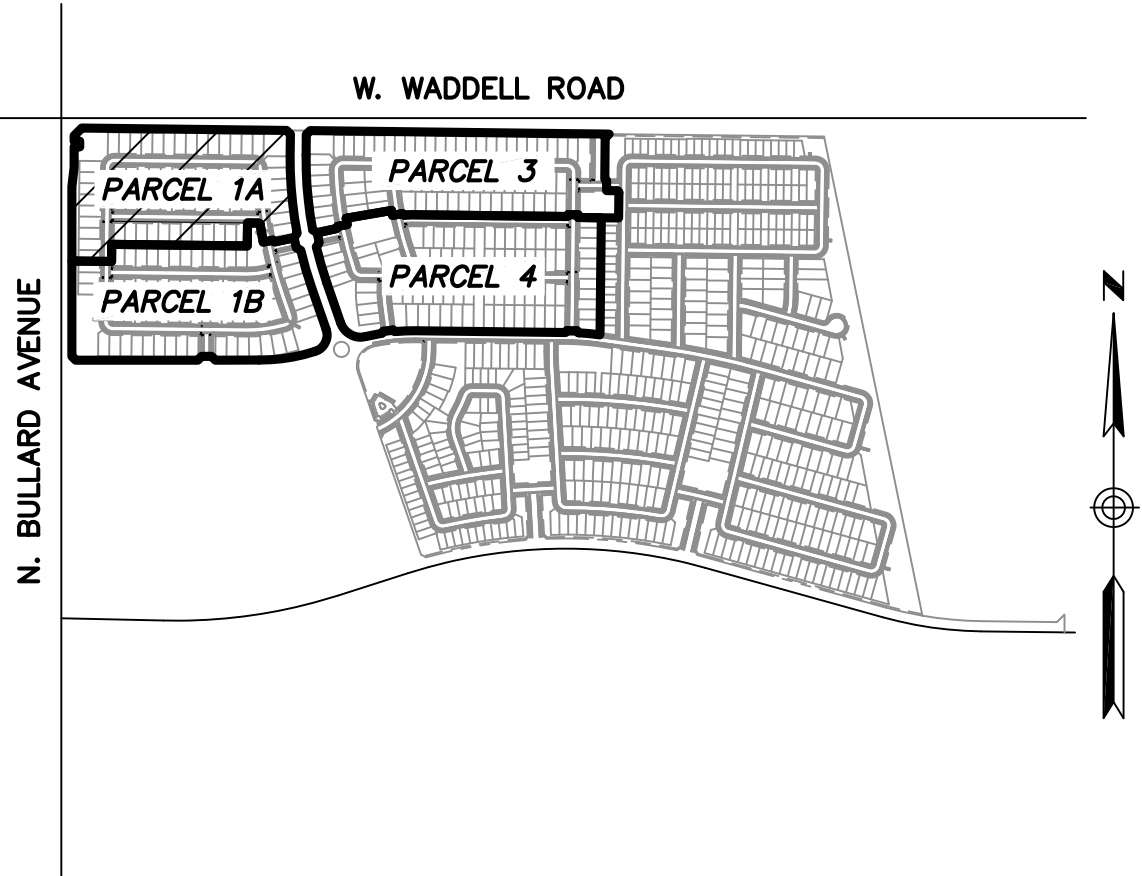


KEY MAP
NTS

UTILITIES

THESE PLANS HAVE BEEN SUBMITTED TO THE FOLLOWING UTILITY COMPANIES FOR REVIEW OF ANY UTILITY CONFLICTS. IF ANY CONFLICTS ARISE DURING THE COURSE OF CONSTRUCTION FROM UNFORESEEN CIRCUMSTANCES, IT SHALL BE REPORTED TO THE APPROPRIATE UTILITY COMPANY AND BE RESOLVED BY THEM AND THE DESIGN ENGINEER.

UTILITY COMPANY	CONTACT	CONTACT METHOD	DATE SIGNED
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COX COMMUNICATIONS	DAN DISCHINGER	623-328-4178	9/11/17
CENTURY LINK	RONJEAN GRANT-SLOAN	480-768-4294	9/11/17
SOUTHWEST GAS	ANGELICA ONTIVEROS	602-484-5345	9/11/17



VICINITY MAP
NTS

SHEET INDEX

SHEET	DESCRIPTION
SL1	STREET LIGHTING COVER SHEET
SL2	STREET LIGHTING PLAN VIEW
SL3	STREET LIGHTING DETAILS
P1	TYPICAL STREET PHOTOMETRICS

LEGEND & QUANTITIES LIST

QTY	SYMBOL	DESCRIPTION
14		41W LED (4,800 LUMENS) STREET LIGHT

CITY OF SURPRISE SIGNATURE BLOCK

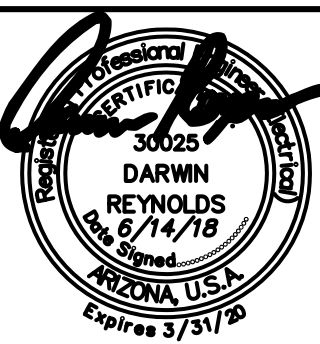
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APPROVED _____
CITY OF SURPRISE ENGINEER

DATE

SLID#

CALL TWO WORKING DAYS BEFORE YOU DIG
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)



DARCOR
ELECTRICAL CONSULTING ENGINEERS
7600 N. 16TH ST.
SUITE 212
PHOENIX, AZ 85020
Ph: (602) 795-2699
WWW.DARCORINC.COM

PROJECT TITLE
**HOMESTEAD AT MARLEY PARK -
PARCEL 1A SURPRISE, ARIZONA**

SHEET TITLE
**STREET LIGHTING
COVER SHEET**

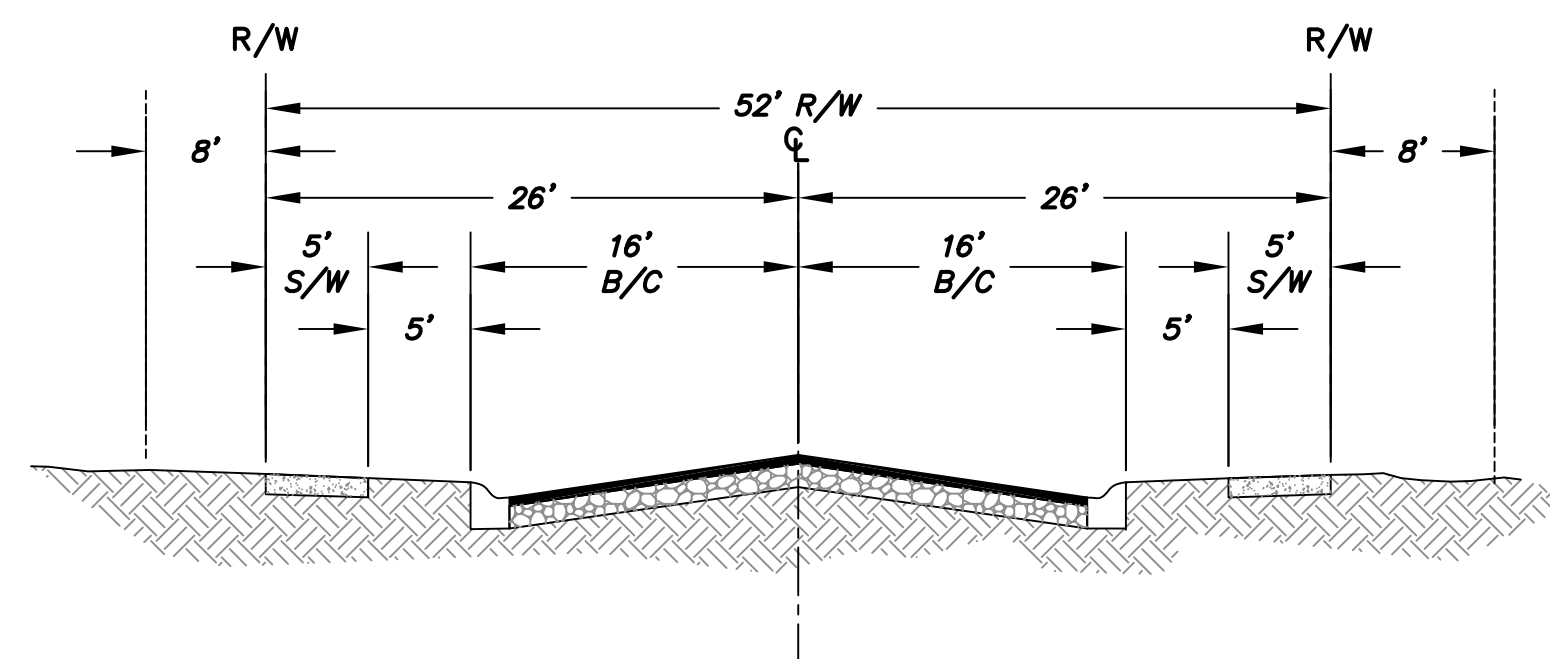
DATE JUN 2018	DESIGNED: DAR	DWG No. SL1	SHEET 1
SCALE N/A	DRAWN: BPR	PROJ No. 18001	OF 3
	CHECKED: DAR		

Save: Jun 14, 2018 File: 18001-1A-SL2.dwg Drafter: Brandon Rickard

W. WADDELL ROAD



NOTE: ALL STREET LIGHTS TO BE 1' CLEAR OF SIDEWALKS



LOCAL STREET WITH ON-STREET PARKING--
LOOKING NORTH OR EAST
N.T.S.



0 40 80 120
SCALE IN FEET

KEY NOTE

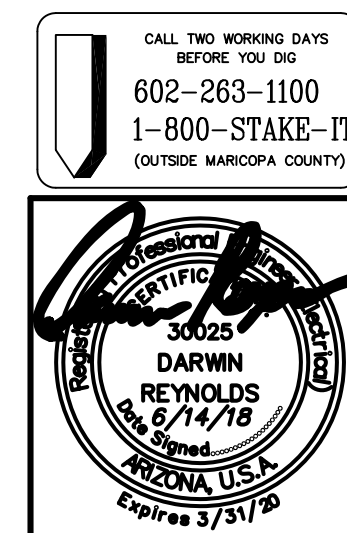
- ① INSTALL 41W, 3000K LED (4,800 LUMENS) BRONZE COBRAHEAD LUMINAIRE MOUNTED ON A 30'-6" DIRECT BURIED SQUARE STEEL POLE WITH A 2'-0" MAST ARM (25' MOUNTING HEIGHT). SEE APS STANDARD DETAIL 8030 AND APPLICABLE APS DETAILS ON SHEET SL3.

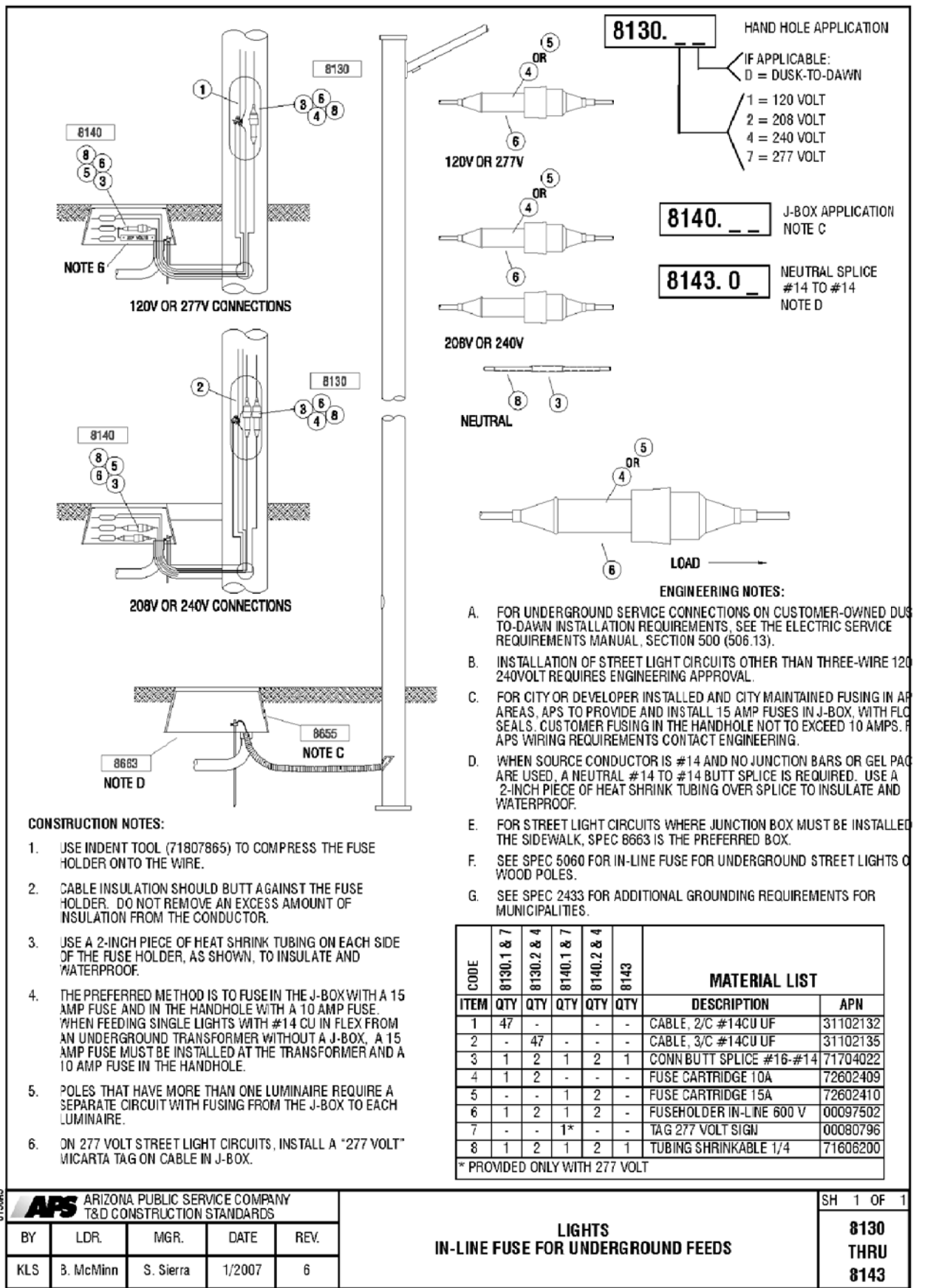
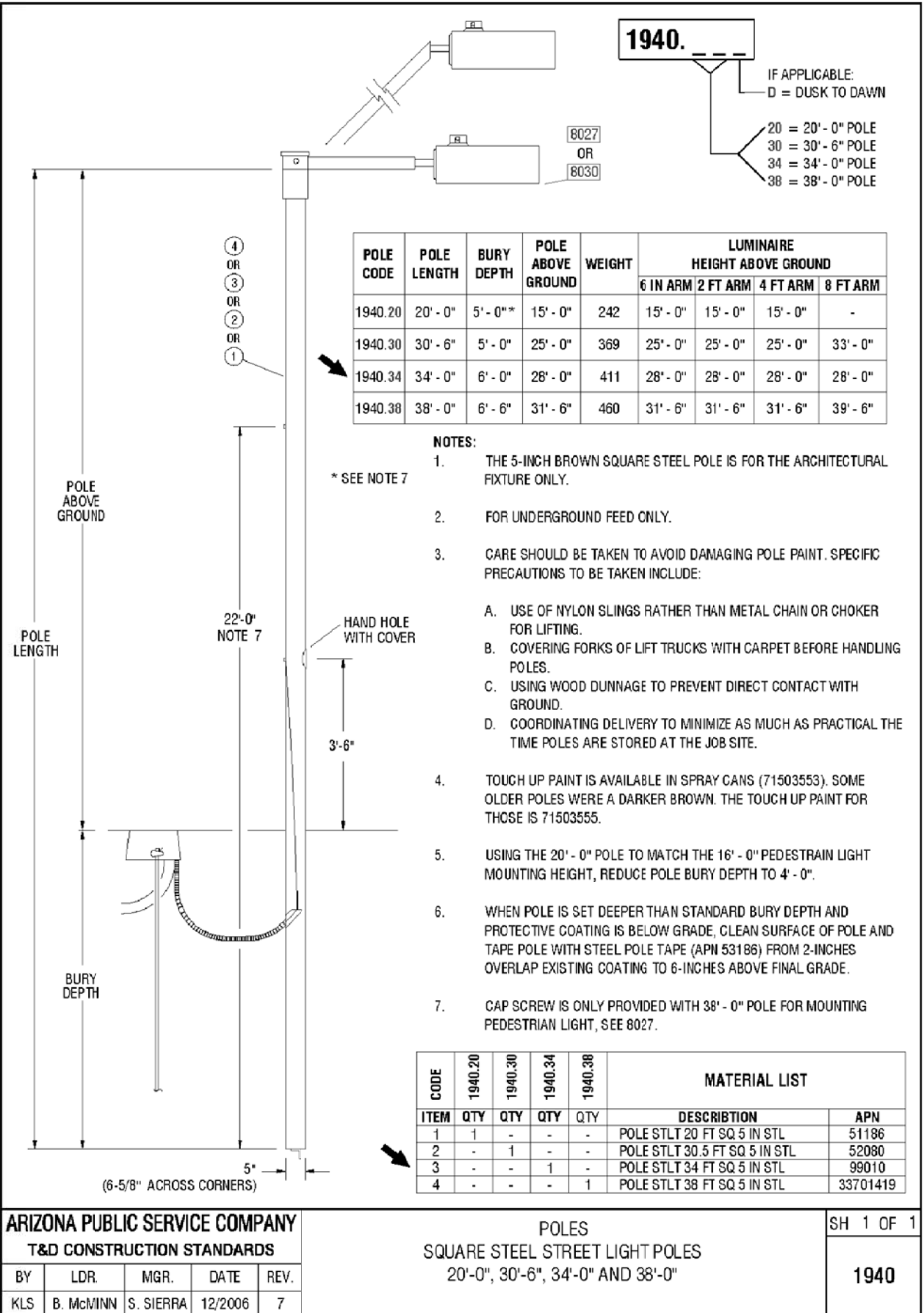
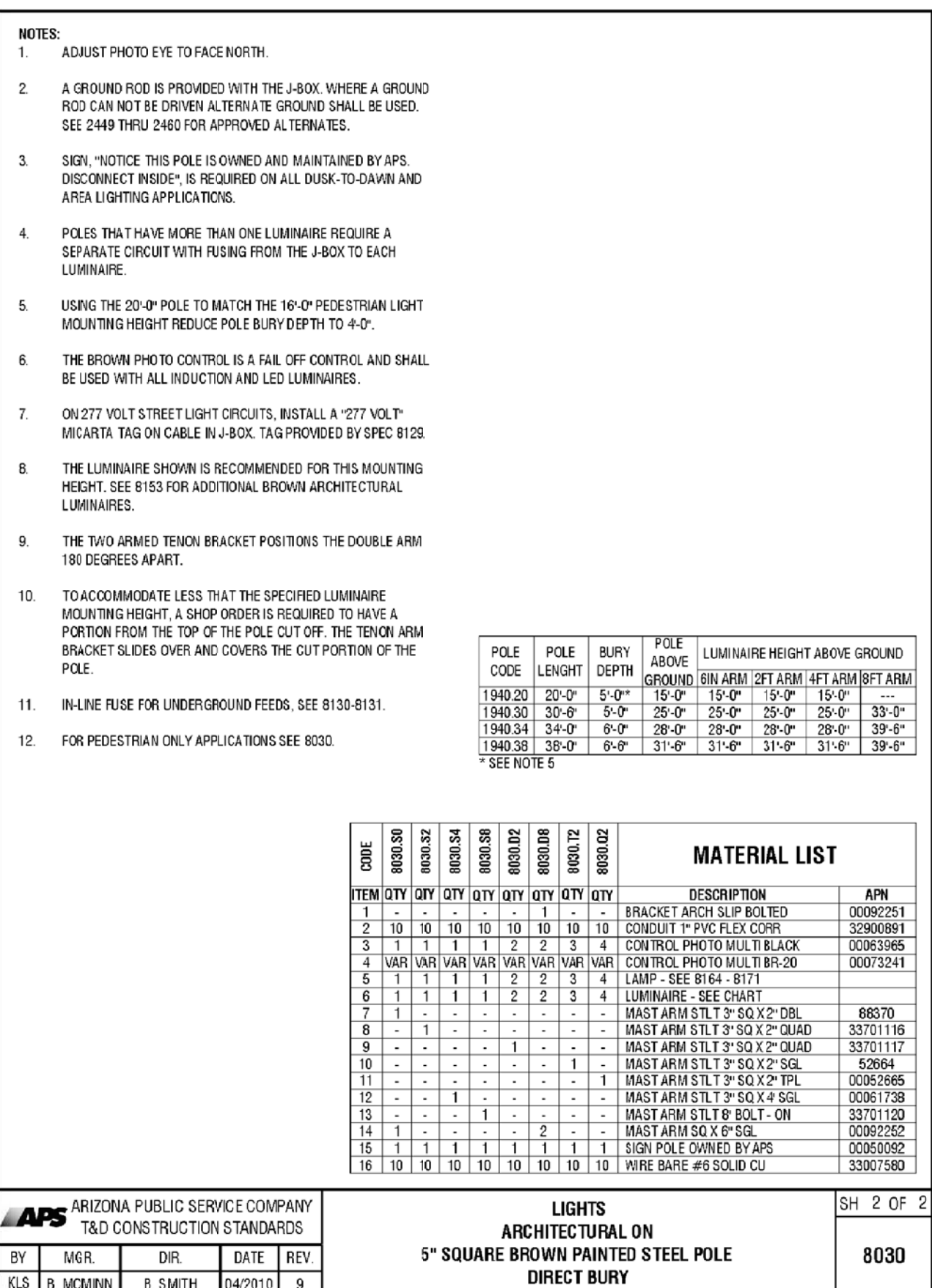
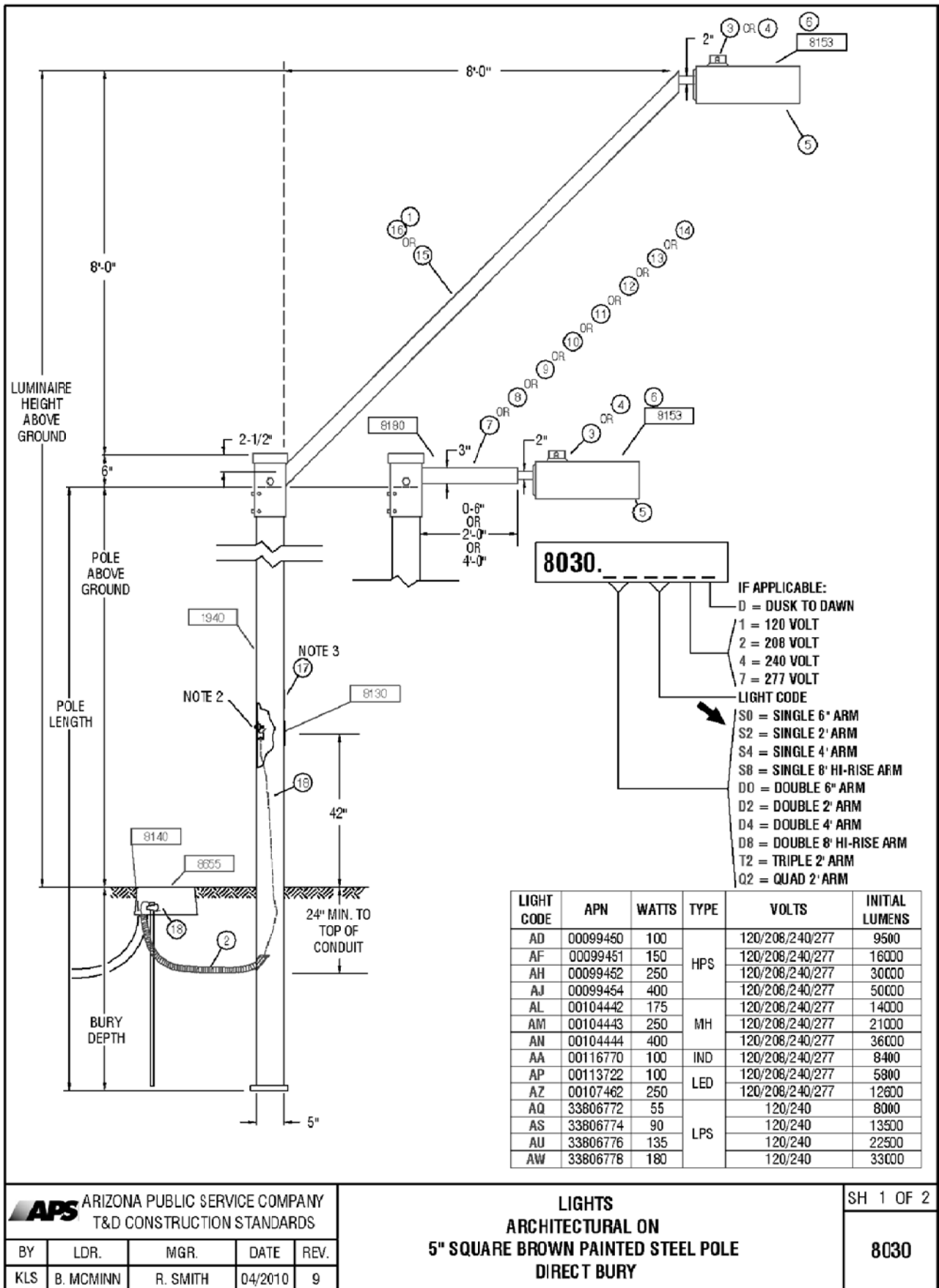
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PROJECT TITLE
**HOMESTEAD AT MARLEY PARK -
PARCEL 1A SURPRISE, ARIZONA**

SHEET TITLE
**STREET LIGHTING
PLAN VIEW**

DATE JUN 2018	DESIGNED: DAR	DWG No. SL2	SHEET 2 OF 3
SCALE AS SHOWN	CHECKED: DAR	PROJ No. 18001	

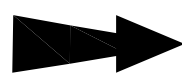




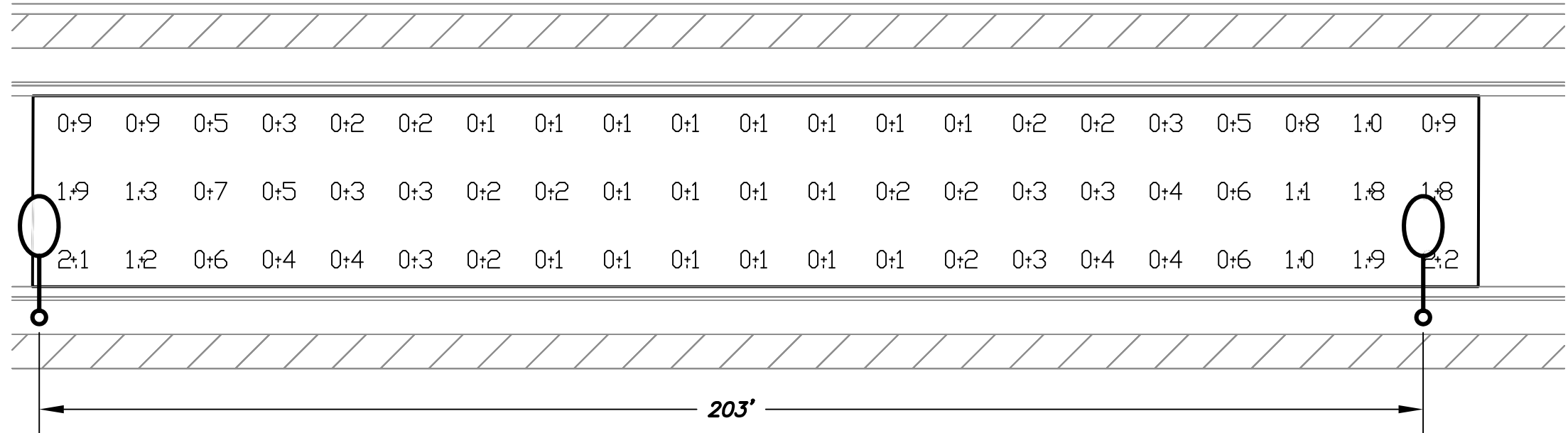
 DARCOR ELECTRICAL CONSULTING ENGINEERS	7600 N. 18TH ST. SUITE 212 PHOENIX, AZ 85020 Ph: (602) 796-2690 WWW.DARCORINC.COM		
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	HOMESTEAD AT MARLEY PARK - PARCEL 1A SURPRISE, ARIZONA		
	SHEET TITLE		
STREET LIGHTING DETAILS			
DATE JUN 2018	DESIGNED: DAR	DWG No.	SHEET
SCALE AS SHOWN	DRAWN: BPR	SL3	OF
	CHECKED: DAR	PROJ No. 18001	3

Saved: Jun 14, 2018 File: 18001-1A-P1.dwg Drafter: Brandon Rickard

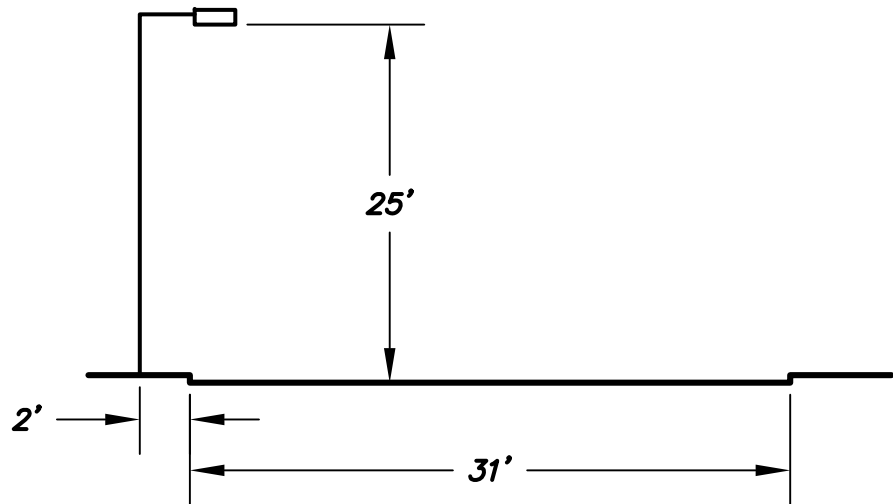
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AS OF 3-15-18								
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141048	RL41	LED	41	4,800	3000K	DK BRONZE	ERL1005E130ADKBZGRX	ERL1_05E130-120-277V.IES
141049	RL42	LED	88	8,200	3000K	DK BRONZE	ERL1008E130ADKBZGRX	ERL1_08E130.IES
141050	RL43	LED	108	11,100	3000K	DK BRONZE	ERLH011E130ADKBZGRX	ERLH_11E130.IES
141040	CL50	LED	32	3,800	3000K	GRAY	ERL1004B130AGRAYGRX	ERL1_04B130-120-277V.IES
141041	CL51	LED	41	4,800	3000K	GRAY	ERL1005E130AGRAYGRX	ERL1_05E130-120-277V.IES
141043	CL52	LED	88	8,200	3000K	GRAY	ERL1008E130AGRAYGRX	ERL1_08E130.IES
141045	CL53	LED	108	11,100	3000K	GRAY	ERLH011E130AGRAYGRX	ERLH_11E130.IES
128251	RL50	LED	32	3,900	4000K	DK BRONZE	ERL1004B140ADKBZGRX	ERL1_04B140-120-277V.IES
126804	RL51	LED	41	5,000	4000K	DK BRONZE	ERL1005E140ADKBZGRX	ERL1_05E140-120-277V.IES
126805	RL52	LED	88	8,500	4000K	DK BRONZE	ERL1008E140ADKBZGRX	ERL1_08E140.IES
	RL53	LED	108	11,500	4000K	DK BRONZE	ERLH011E140ADKBZGRX	ERLH_11E140.IES
128329	CL60	LED	32	3,900	4000K	GRAY	ERL1004B140AGRAYGRX	ERL1_04B140-120-277V.IES
128330	CL61	LED	41	5,000	4000K	GRAY	ERL1005E140AGRAYGRX	ERL1_05E140-120-277V.IES
128331	CL62	LED	88	8,500	4000K	GRAY	ERL1008E140AGRAYGRX	ERL1_08E140.IES
128332	CL63	LED	108	11,500	4000K	GRAY	ERLH011E140AGRAYGRX	ERLH_11E140.IES



ROADWAY LOCAL	
63 points at z=0, sp 10ft by 10ft	
HORIZONTAL FOOTCANDLES	
Average	0.52
Maximum	2.20
Minimum	0.10
AvgMin	5.20
Max:Min	22.0
Coef Var	1.07
UnifGrad	2.12



WORST CASE SPACING FOR 31' WIDE ROADWAY
(LOCAL) (41W) (25' H)



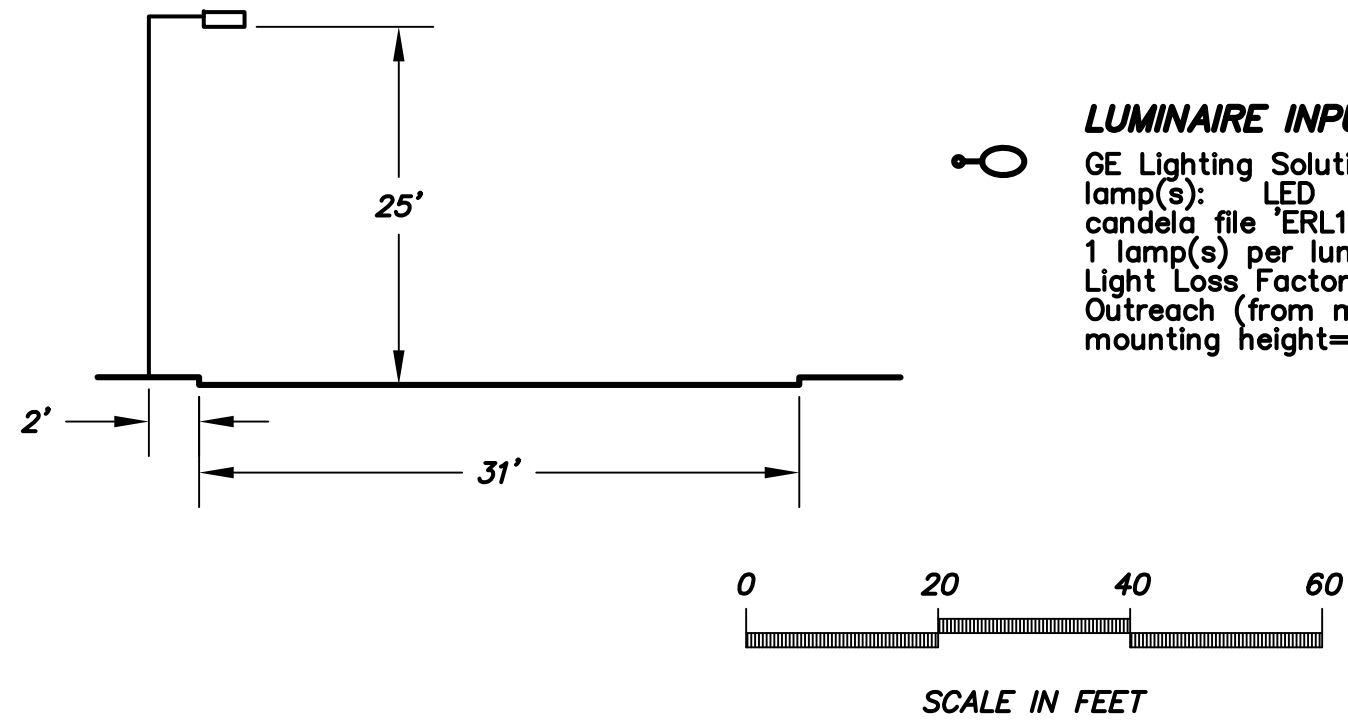
LUMINAIRE INPUT DATA

GE Lighting Solutions
 lamp(s): LED
 candela file 'ERL1_05E130-120-277V.IES'
 1 lamp(s) per luminaire, 4,800 initial lumens per lamp
 Light Loss Factor = 0.9, watts per luminaire = 41
 Outreach (from mounting axis to photometric center)= 30 in
 mounting height= 25 ft



ALL PHOTOMETRIC CALCULATIONS ON THESE
PLANS REPRESENT ILLUMINANCE VALUES

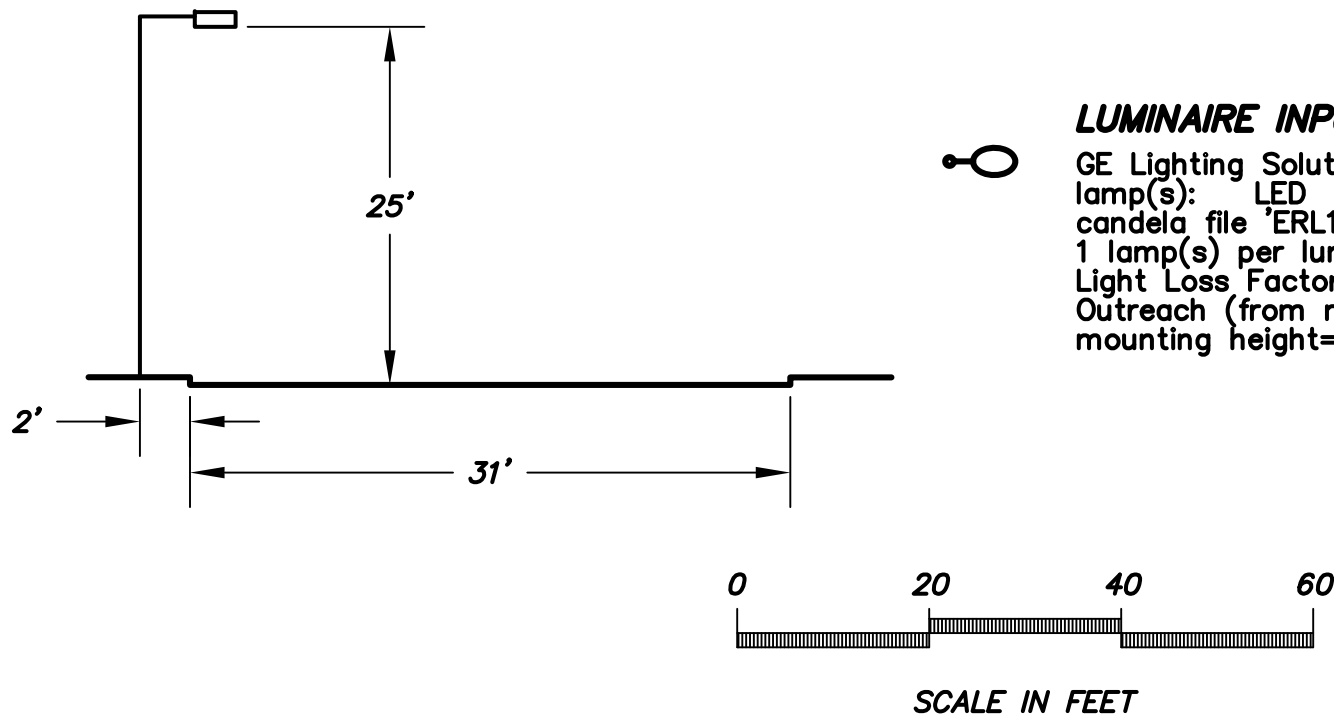
TYPICAL LOCAL/LOCAL ROADWAY INTERSECTION
(LOCAL) (41W) (25' H) (TWO LIGHTS)



LUMINAIRE INPUT DATA

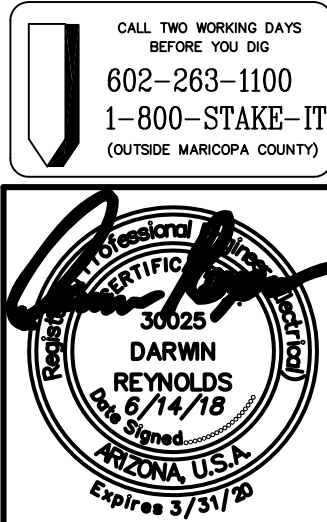
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 Light Loss Factor = 0.9, watts per luminaire = 41
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TYPICAL LOCAL/LOCAL ROADWAY INTERSECTION
(LOCAL) (41W) (25' H) (ONE LIGHT)



LUMINAIRE INPUT DATA

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 candela file 'ERL1_05E130-120-277V.IES'
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		7800 N. 16TH ST. SUITE 212 PHOENIX, AZ 85020 Ph: (602) 795-2699 WWW.DARCORINC.COM	
PROJECT TITLE HOMESTEAD AT MARLEY PARK - PARCEL 1A SURPRISE, ARIZONA			
SHEET TITLE ROADWAY PHOTOMETRIC CALCULATIONS			
DATE JUN 2018	DESIGNED: DAR	DWG No. P1	SHEET 1 OF 1
SCALE N/A	DRAWN: BPR	PROJ No. 18001	
	CHECKED: DAR		

STREET LIGHTING PLANS FOR HOMESTEAD AT MARLEY PARK PHASE 4&5 PARCEL 1B

W. WADDELL ROAD

N. BULLARD AVENUE

PARCEL 1A

PARCEL 1B

PARCEL 3

PARCEL 4

N

THE ELECTRICAL / MAINTENANCE COSTS OF ALL STREET LIGHTS ON LOCAL AND COLLECTOR STREETS (TYPICALLY THE 41 WATT / 4,800 LUMEN AND THE 88 WATT / 8,500 LUMEN FIXTURES) ARE TO BE PAID BY THE ADJACENT PROJECT OR THE ADJACENT DEVELOPMENT'S STREET LIGHT IMPROVEMENT DISTRICT (SLID)

LED TECHNOLOGY IS CHANGING RAPIDLY, THE FIXTURES SHOWN ON THESE PLANS MAY NOT BE APPLICABLE AT TIME OF CONSTRUCTION. CONTRACTOR TO COORDINATE WITH APS AND UTILIZE THEIR CURRENT SPECIFICATION AT THE TIME OF BIDDING AND CONSTRUCTION.

1. ALL CONSTRUCTION MUST CONFORM TO MARICOPA ASSOCIATION OF GOVERNMENT (MAG) SPECIFICATIONS AND DETAILS AND LATEST REVISIONS UNLESS OTHERWISE STATED ON PLANS.
2. THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND THEY WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL OVERHEAD AND UNDERGROUND UTILITY LOCATIONS WHERE CONSTRUCTION OCCURS. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT ALL UTILITIES ARE AVOIDED. UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND NOT FOR CONSTRUCTION PURPOSES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AND OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT ARIZONA UNDERGROUND FACILITIES LAWS (ARIZONA REVISED STATUTES TITLE 40, CHAPTER 2, ARTICLE 6.3, SECTION 40-360.21-32). CALL ARIZONA 811 FOR FIELD LOCATION BY DAIL 811.
4. THE CITY OF SURPRISE ENGINEERING SERVICES OF PUBLIC WORKS SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK AT 623-222-6150.
5. THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION OR VARIANCE FROM THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE PROPOSED AND RESUBMITTED FOR REVIEW AND APPROVAL.
6. THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE DRAWING, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE. EXISTING SURFACE FEATURES AND FENCING SHALL BE REPLACED IN KIND.
7. ANY INSPECTION BY THE CITY, COUNTY, OR THE ENGINEER, SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE APPLICABLE CODES AND AGENCY REQUIREMENTS.
8. THE CONTRACTOR IS TO LOCATE ALL EXISTING LANDSCAPING, LANDSCAPING IRRIGATION LINES, PROPERTY MONUMENTS, FENCING OR SURFACE FEATURES PRIOR TO CONSTRUCTION. ANYTHING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
9. NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
10. ALL CONSTRUCTION WATER USED WITHIN THE CITY OF SURPRISE WATER SERVICE AREA REQUIRES APPROVAL BY THE CITY OF SURPRISE PUBLIC WORKS DEPARTMENT AND MAY BE SUBJECT TO VOLUME AND TIME RESTRICTIONS. PLEASE SEE THE CITY OF SURPRISE CONSTRUCTION WATER GUIDELINES FOR ADDITIONAL INFORMATION. THE GUIDELINES CAN BE OBTAINED FROM THE PUBLIC WORKS DEPARTMENT AT 623-222-6000.
11. TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH MAG SPECIFICATION 401, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND THE "TEMPORARY WORK ZONE TRAFFIC MANAGEMENT POLICY" (LATEST EDITION).
12. PRIOR TO FINAL APPROVAL AND ACCEPTANCE OF THE WORK, THE DEVELOPER/CONTRACTOR WILL BE REQUIRED TO CLEAN AND REPAIR ADJACENT (OFF-PROJECT) ROADWAYS USED OR DAMAGED DURING THE COURSE OF CONSTRUCTION.
13. EMERGENCY VEHICLE ACCESS (E.V.A.) MUST BE PROVIDED BY THE DEVELOPER/CONTRACTOR THROUGHOUT THE PROJECT SITE. E.V.A. ROADS AND SIGNAGE SHALL BE MAINTAINED BY THE DEVELOPER/CONTRACTOR AT ALL TIMES. SIGNAGE SHALL BE POSTED AT THE POINT OF ENTRY TO THE SITE AND AT ALL LOCATIONS WHERE A CHANGE IN DIRECTION OCCURS.
14. THE PLANS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT'S ACCESSIBILITY GUIDELINES, AS PUBLISHED IN THE FEDERAL REGISTER ON SEPTEMBER 15, 2010.

MERITAGE HOMES OF ARIZONA, INC.
8800 E. RAINTREE DR., STE. 300
SCOTTSDALE, AZ 85260
PHONE: (480) 515-8251
CONTACT: JASON JARVIS

ENTELLUS, INC.
3033 N. 44TH STREET, STE 250
PHOENIX, ARIZONA 85018
PHONE: (602) 244-2566
CONTACT: MICHAEL R. GLEESON, P.E.

DARCOR & ASSOCIATES
7600 N. 16TH STREET, STE 212
PHOENIX, AZ 85020
PHONE: (602) 795-2699
CONTACT: DARWIN REYNOLDS, P.E.

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CENTURY LINK	RONJEAUN GRANT-SLOAN	480-768-8294	9/11/17
SOUTHWEST GAS	ANGELICA ANTIVEROS	602-484-4535	9/11/17

The map illustrates a residential subdivision, 'SL 2', with the following details:

- Streets:**
 - West: N. BULLARD AVENUE
 - East: N. 145TH AVE
 - North: W. EUGENE TER
 - South: W. ALEXANDRIA WAY
 - Bottom: W. OLD OAK LANE
 - North-East: W. WILLOW AVE
- Lot Numbers:**
 - Top Row: 81, 80, 79, 78, 77, 76, 75, 74, 73, 72, 71, 70
 - Second Row: 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94
 - Third Row: 108, 107, 106, 105, 104, 103, 102, 101, 100, 99, 98, 97, 96, 95
 - Bottom Row: 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124
 - Far Right (along Willow Ave): 130, 129, 128, 127, 126, 125
- Other Features:**
 - Diagonal hatching across the entire lot area.
 - North arrow pointing towards the top right.
 - Section label 'SL 2' in the center.

SHEET	DESCRIPTION
SL1	STREET LIGHTING COVER SHEET
SL2	STREET LIGHTING PLAN VIEW
SL3	STREET LIGHTING DETAILS
P1	TYPICAL STREET PHOTOMETRICS

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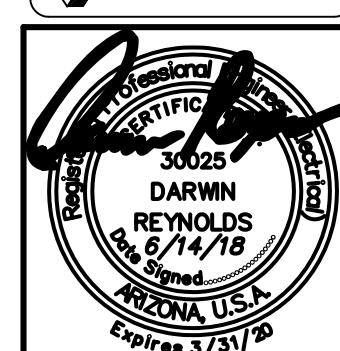
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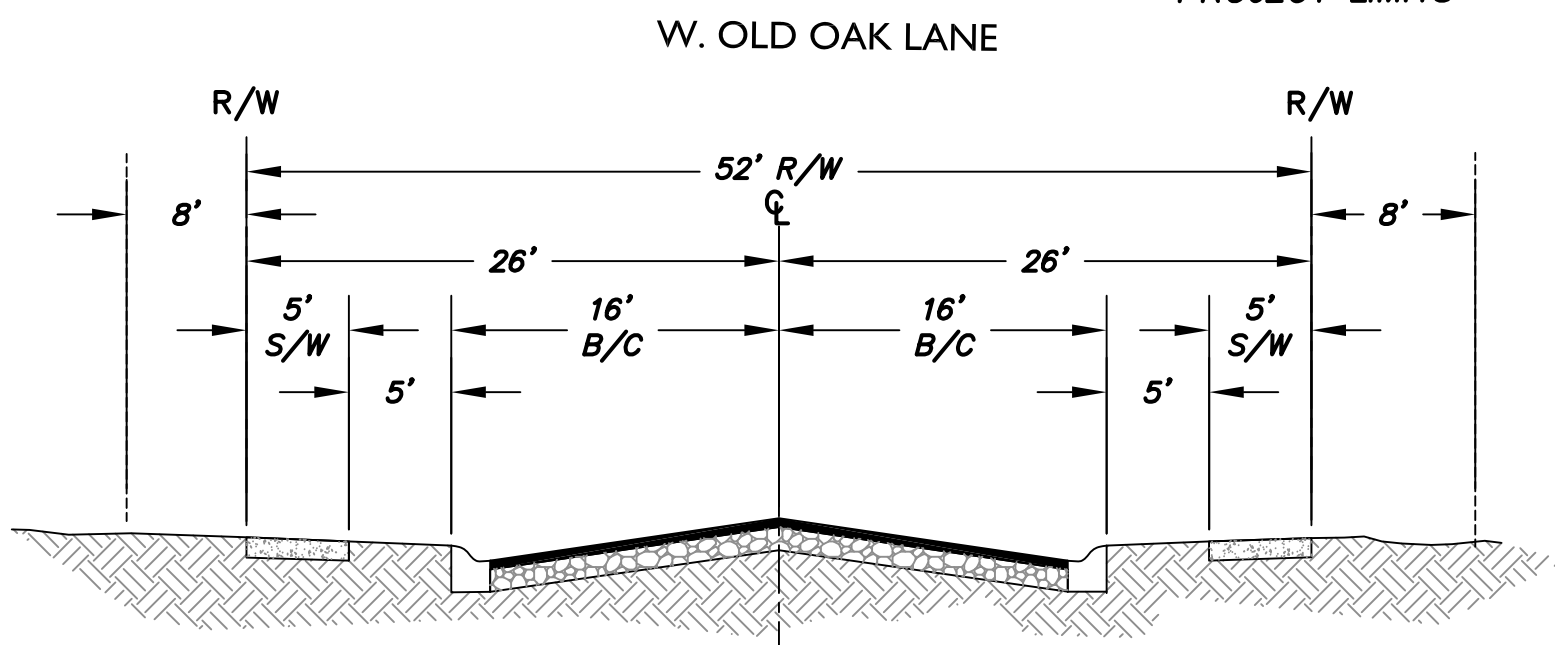
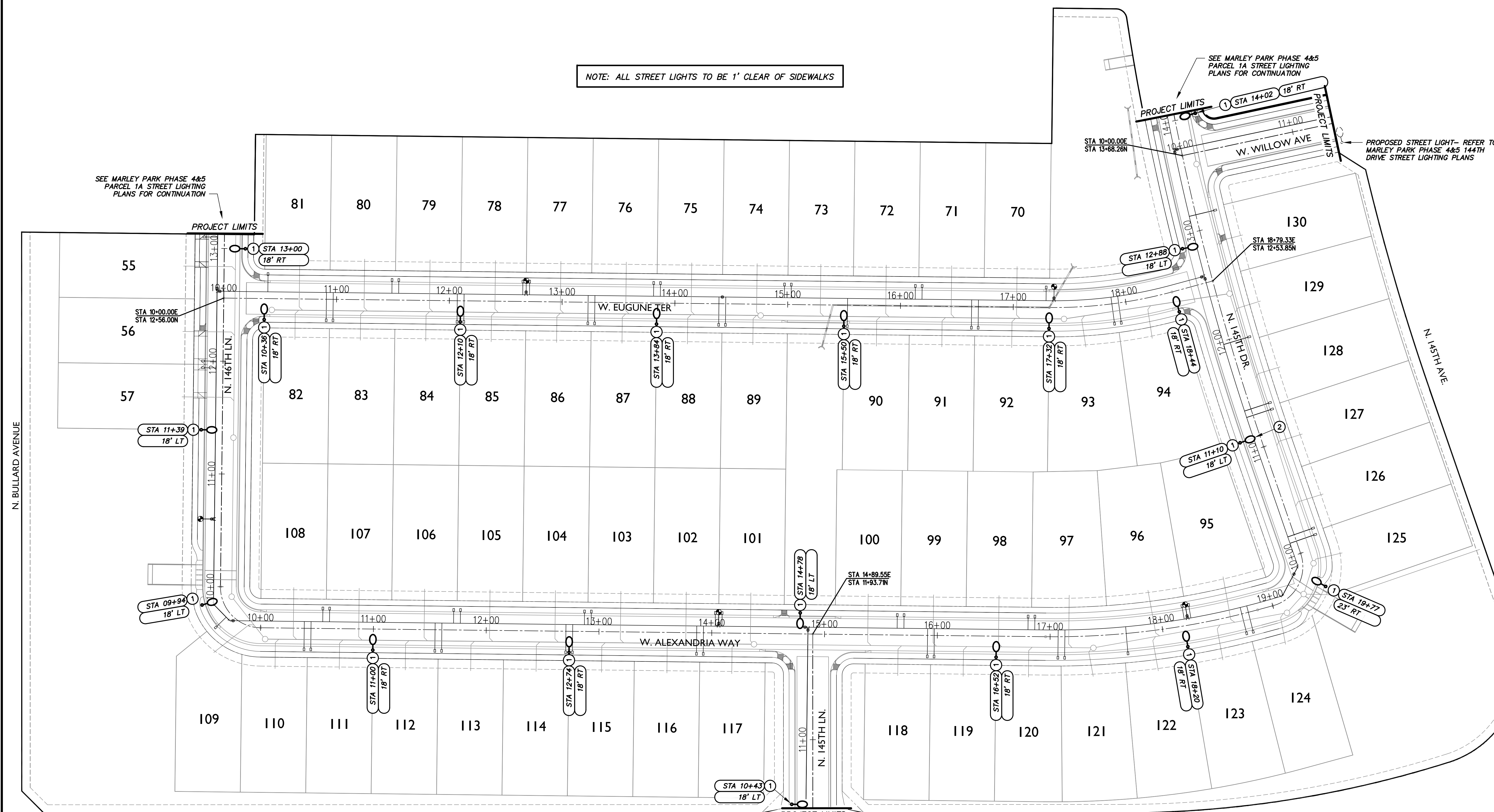
PROJECT TITLE
**HOMESTEAD AT MARLEY PARK -
PARCEL 1B SURPRISE, ARIZONA**

SHEET TITLE	STREET LIGHTING COVER SHEET
-------------	--------------------------------

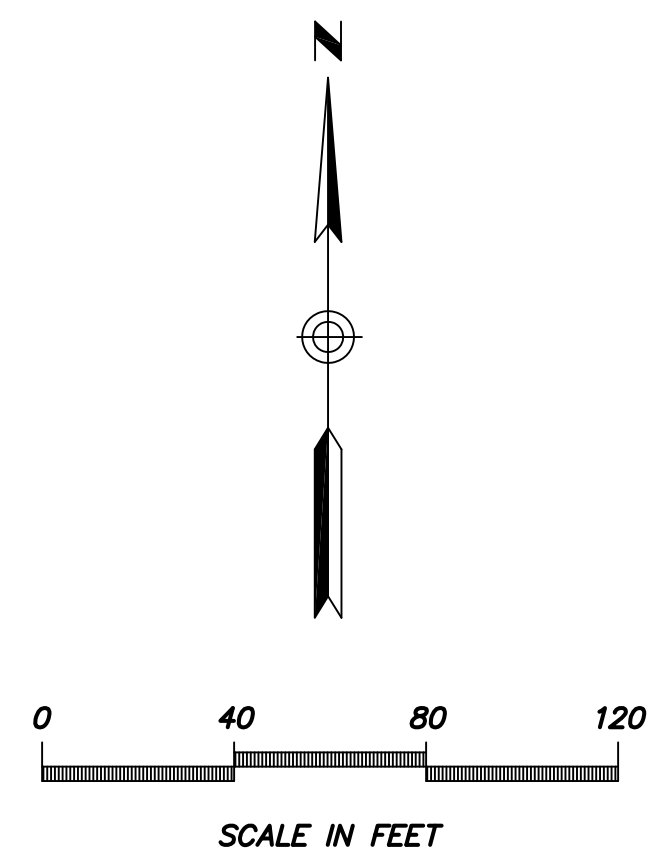
DATE JUN 2018	DESIGNED: DAR	DWG No. SL1	SHEET 1 OF 3
SCALE N/A	DRAWN: BPR		
	CHECKED: DAR	PROJ No. 18001	



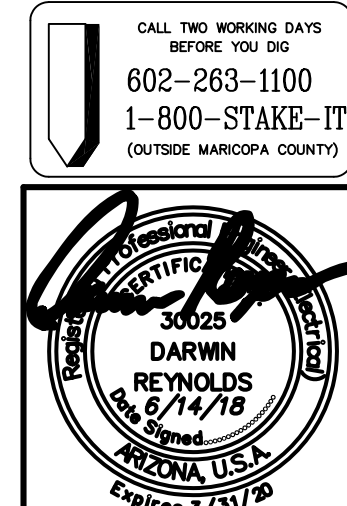
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 - 2. LUMINAIRE TO INCLUDE AN APPROVED APS HOUSE-SIDE SHIELD.



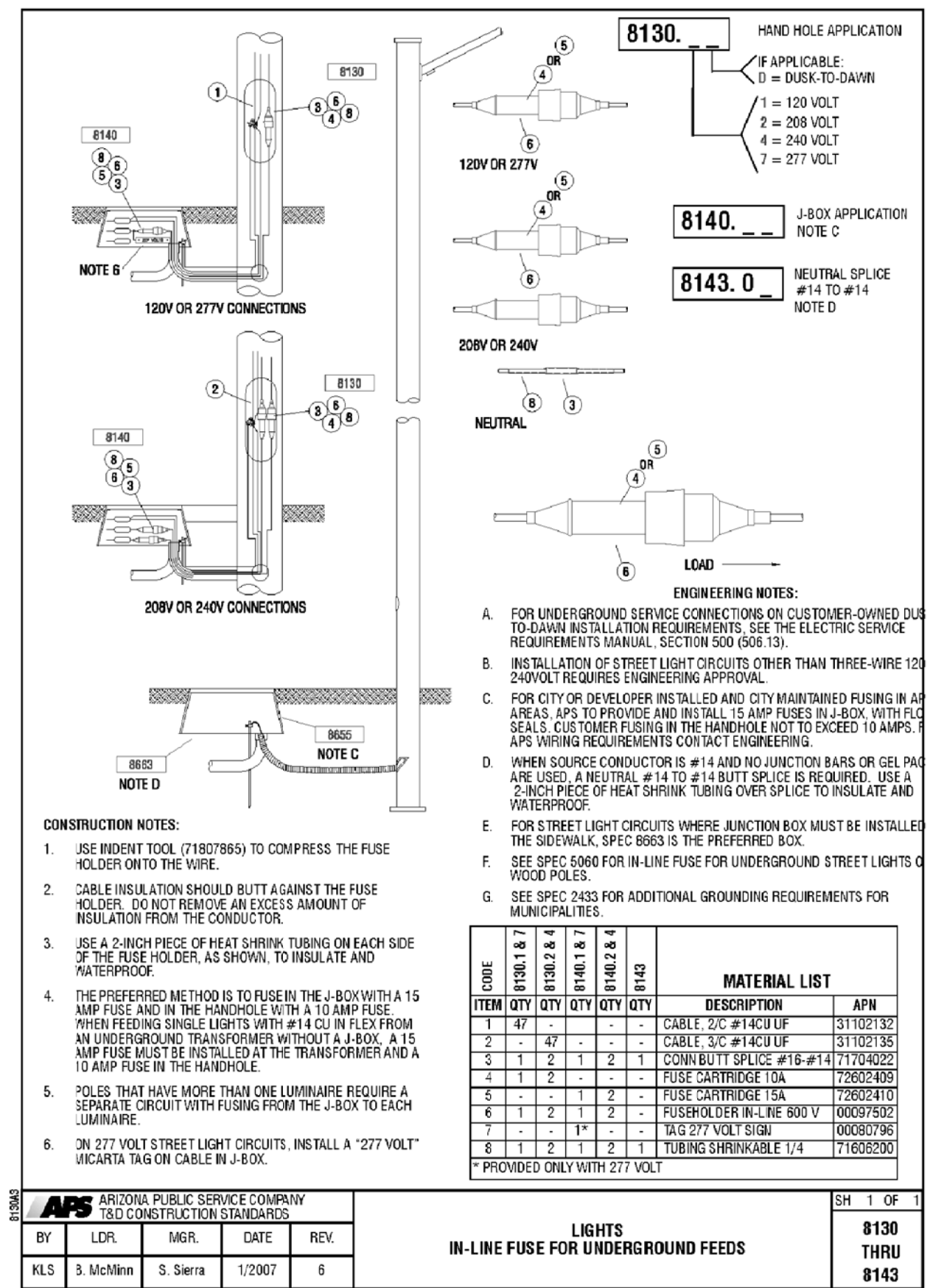
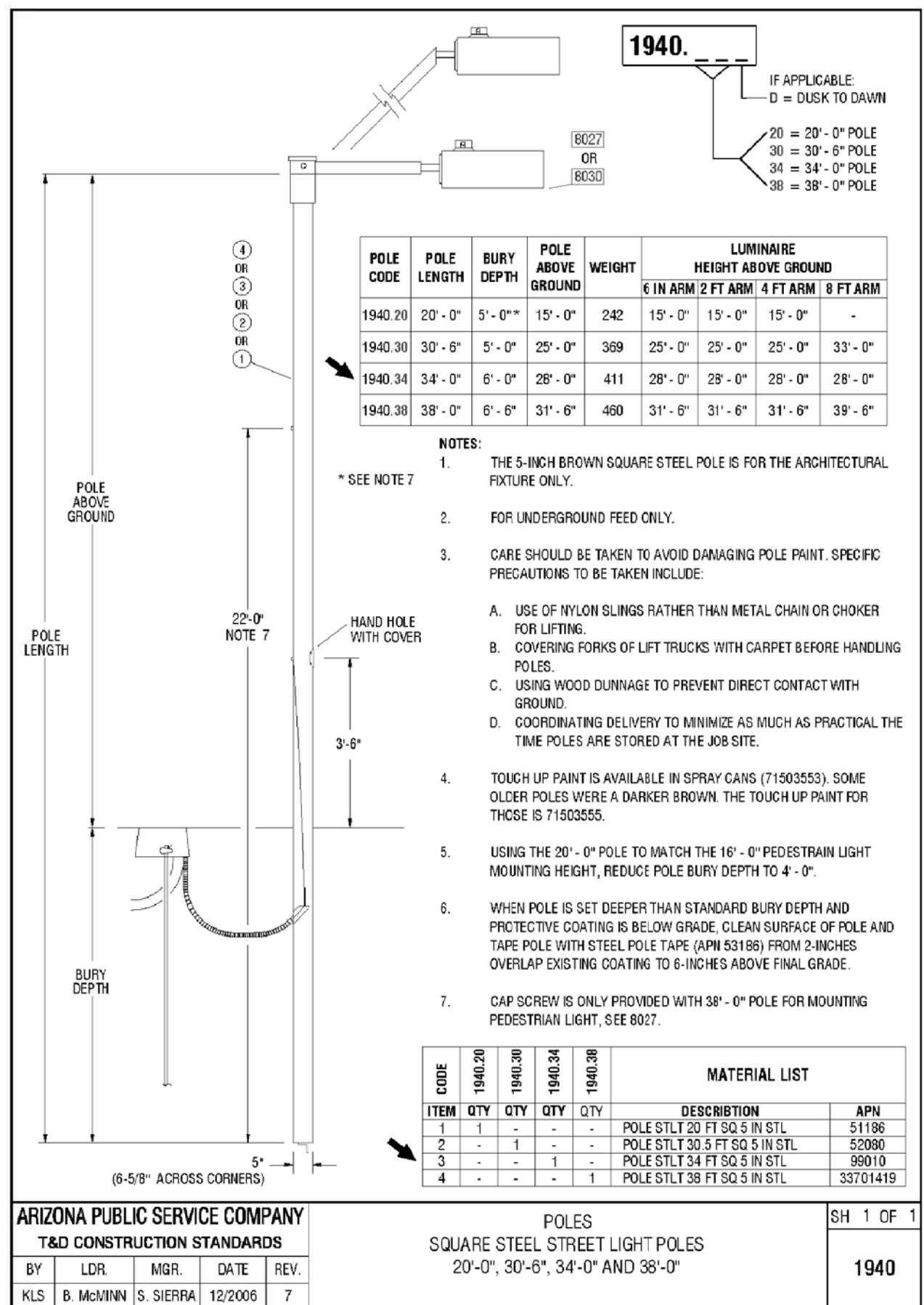
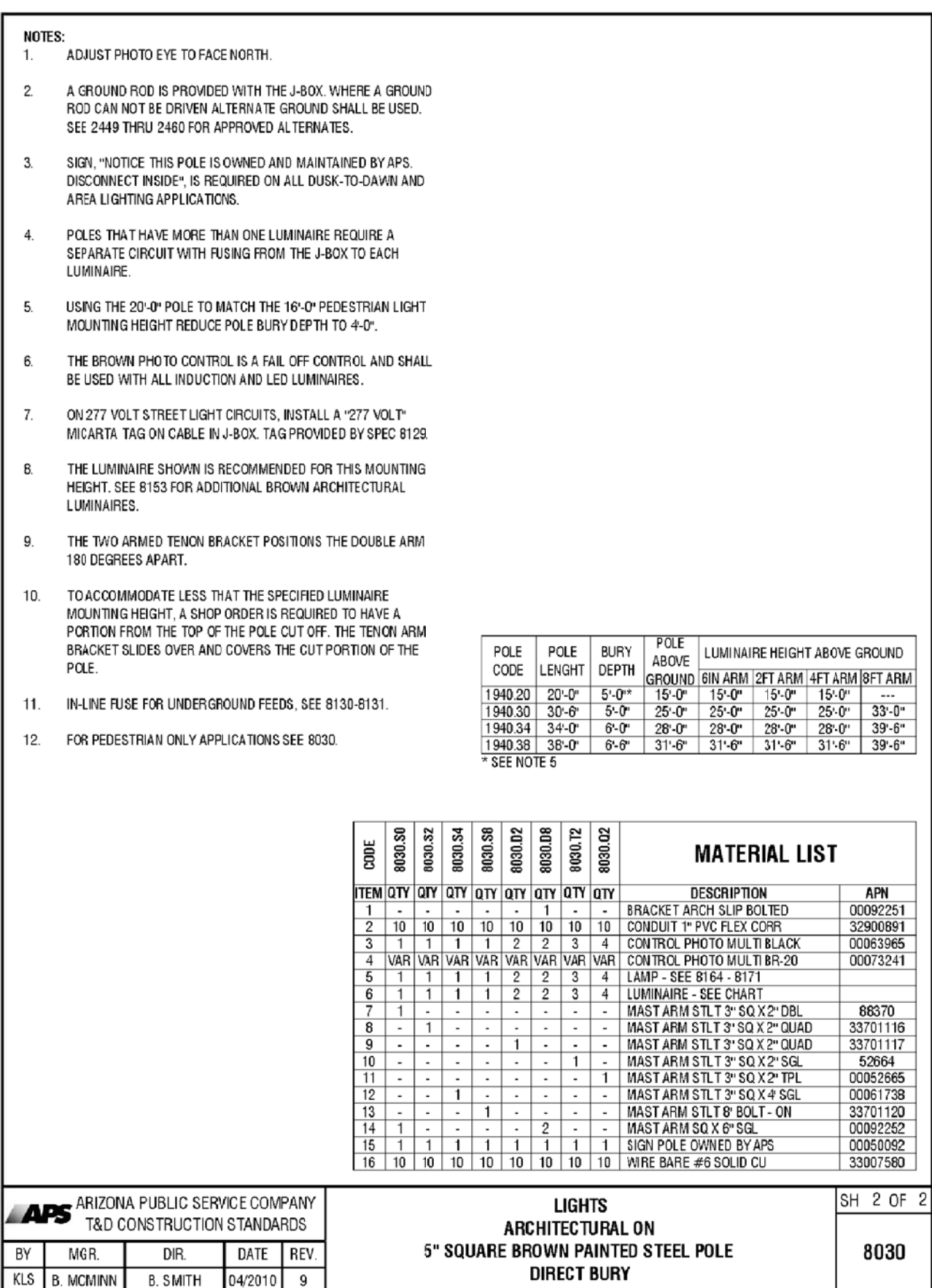
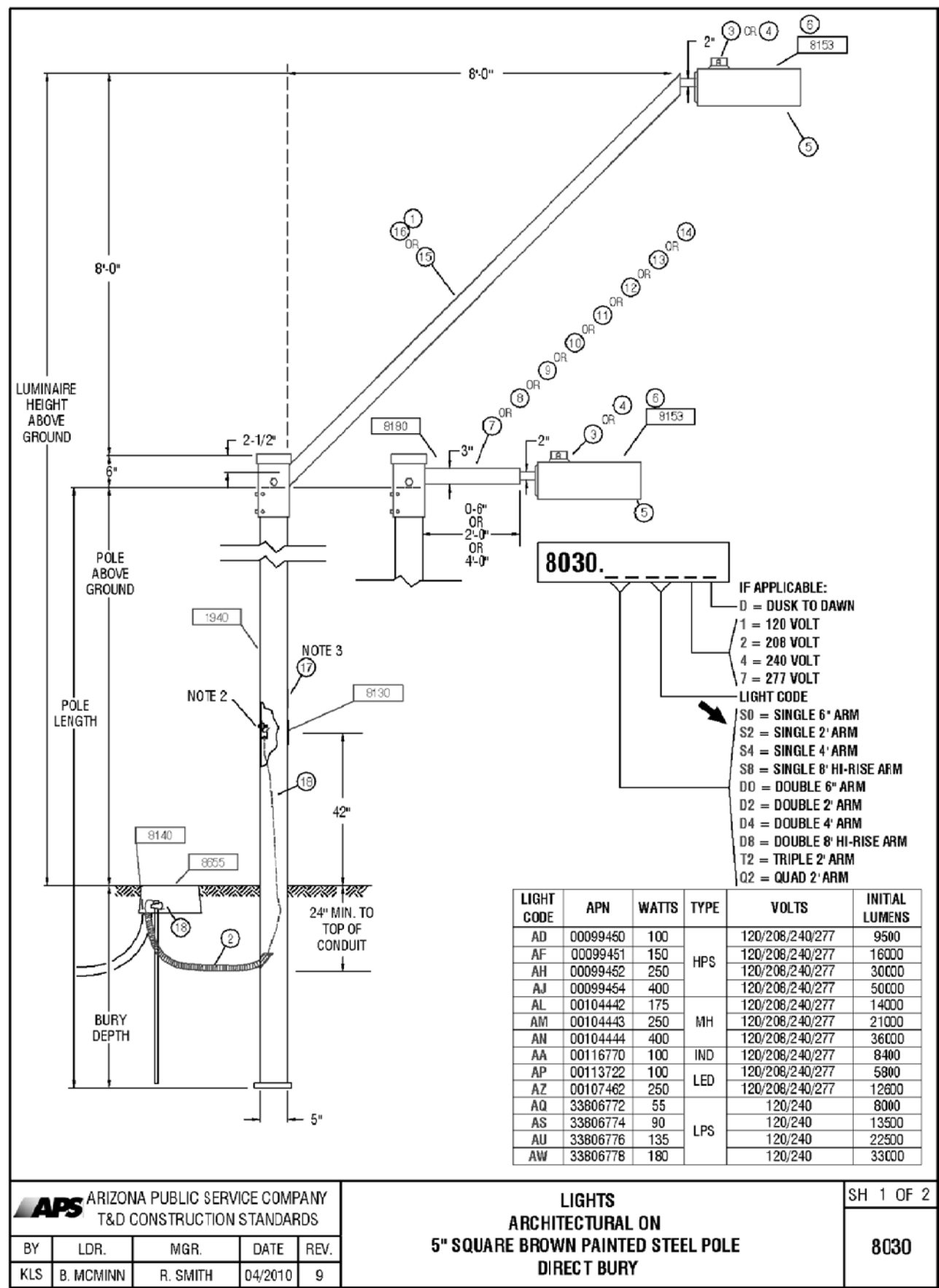
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PROJECT TITLE
**HOMESTEAD AT MARLEY PARK -
PARCEL 1B SURPRISE, ARIZONA**

SHEET TITLE
**STREET LIGHTING
PLAN VIEW**

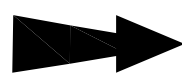
DATE JUN 2018	DESIGNED: DAR	DWG No. SL2	SHEET 2
SCALE AS SHOWN	DRAWN: BPR	PROJ No. 18001	OF 3
CHECKED: DAR			

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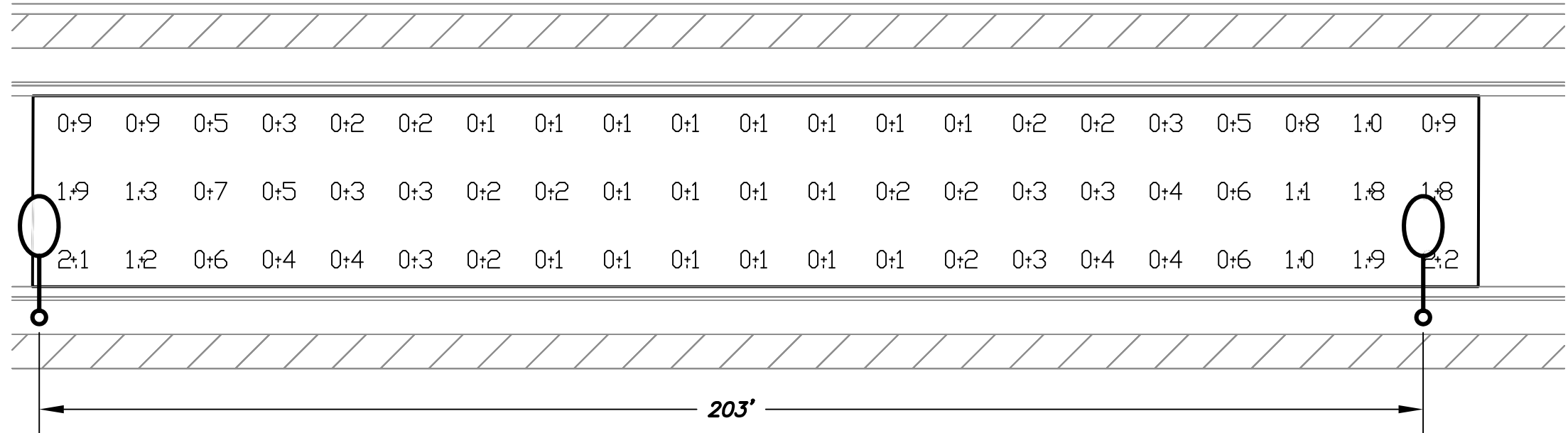


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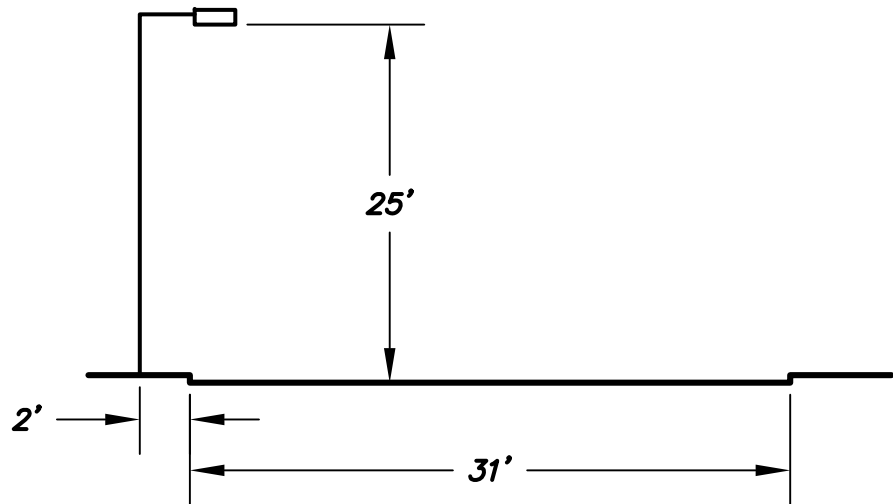
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141048	RL41	LED	41	4,800	3000K	DK BRONZE	ERL1005E130ADKBZGRX	ERL1_05E130-120-277V.IES
141049	RL42	LED	88	8,200	3000K	DK BRONZE	ERL1008E130ADKBZGRX	ERL1_08E130.IES
141050	RL43	LED	108	11,100	3000K	DK BRONZE	ERLH011E130ADKBZGRX	ERLH_11E130.IES
141040	CL50	LED	32	3,800	3000K	GRAY	ERL1004B130AGRAYGRX	ERL1_04B130-120-277V.IES
141041	CL51	LED	41	4,800	3000K	GRAY	ERL1005E130AGRAYGRX	ERL1_05E130-120-277V.IES
141043	CL52	LED	88	8,200	3000K	GRAY	ERL1008E130AGRAYGRX	ERL1_08E130.IES
141045	CL53	LED	108	11,100	3000K	GRAY	ERLH011E130AGRAYGRX	ERLH_11E130.IES
128251	RL50	LED	32	3,900	4000K	DK BRONZE	ERL1004B140ADKBZGRX	ERL1_04B140-120-277V.IES
126804	RL51	LED	41	5,000	4000K	DK BRONZE	ERL1005E140ADKBZGRX	ERL1_05E140-120-277V.IES
126805	RL52	LED	88	8,500	4000K	DK BRONZE	ERL1008E140ADKBZGRX	ERL1_08E140.IES
	RL53	LED	108	11,500	4000K	DK BRONZE	ERLH011E140ADKBZGRX	ERLH_11E140.IES
128329	CL60	LED	32	3,900	4000K	GRAY	ERL1004B140AGRAYGRX	ERL1_04B140-120-277V.IES
128330	CL61	LED	41	5,000	4000K	GRAY	ERL1005E140AGRAYGRX	ERL1_05E140-120-277V.IES
128331	CL62	LED	88	8,500	4000K	GRAY	ERL1008E140AGRAYGRX	ERL1_08E140.IES
128332	CL63	LED	108	11,500	4000K	GRAY	ERLH011E140AGRAYGRX	ERLH_11E140.IES



ROADWAY LOCAL	
63 points at z=0, sp 10ft by 10ft	
HORIZONTAL FOOTCANDLES	
Average	0.52
Maximum	2.20
Minimum	0.10
AvgMin	5.20
Max:Min	22.0
Coef Var	1.07
UnifGrad	2.12



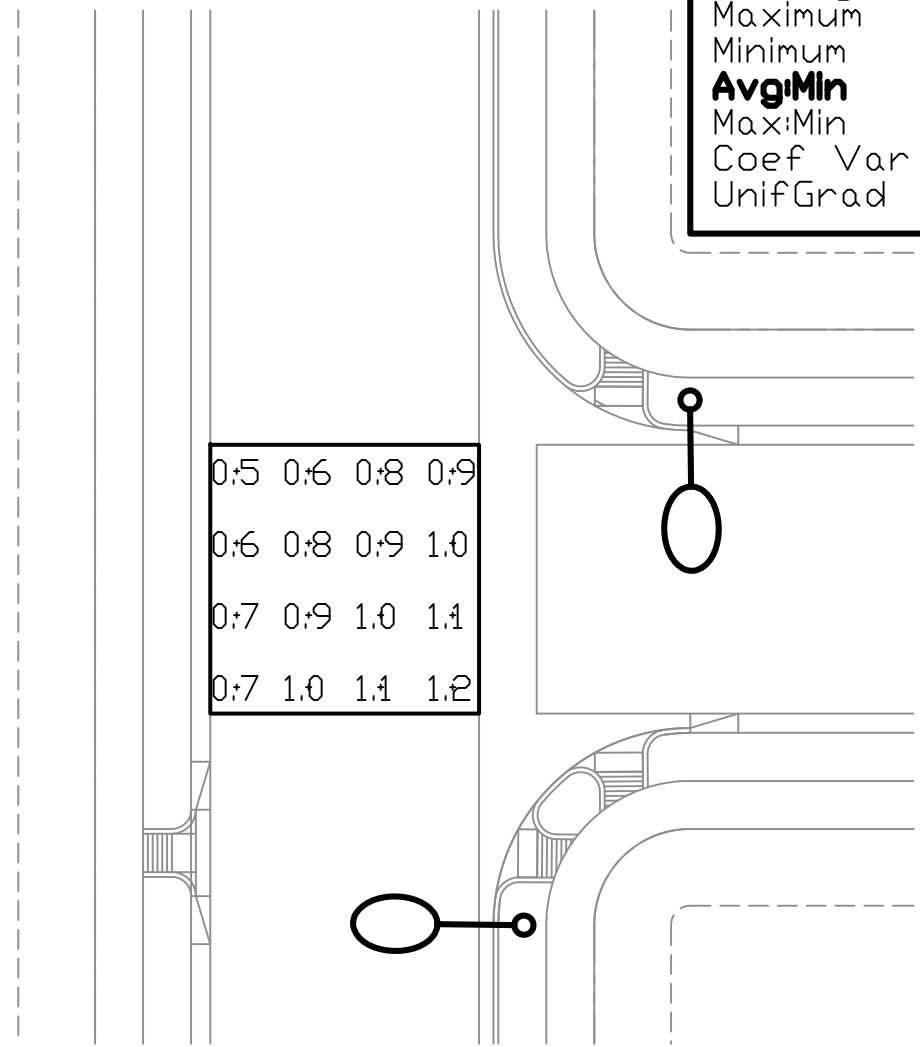
WORST CASE SPACING FOR 31' WIDE ROADWAY
(LOCAL) (41W) (25' H)



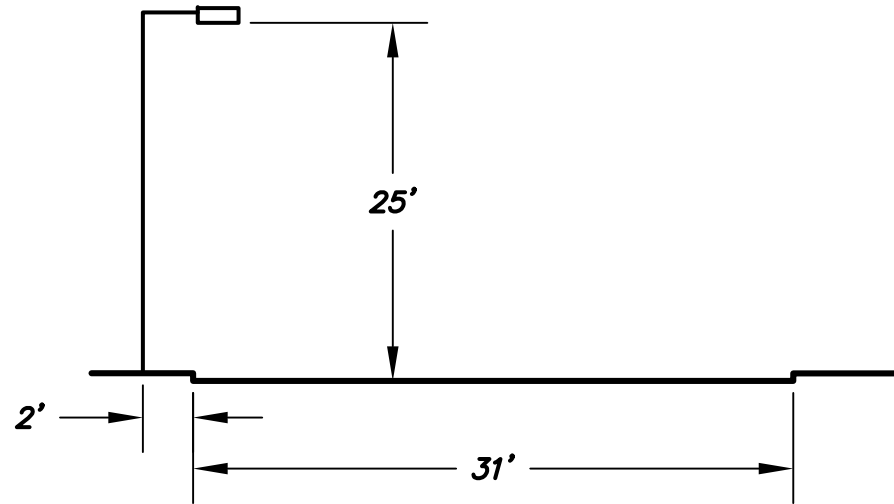
LUMINAIRE INPUT DATA	
GE Lighting Solutions	
lamp(s):	LED
candela file	'ERL1_05E130-120-277V.IES'
1 lamp(s) per luminaire,	4,800 initial lumens per lamp
Light Loss Factor = 0.9,	watts per luminaire = 41
Outreach (from mounting axis to photometric center)=	30 in
mounting height=	25 ft



INTERSECTION	
16 points at z=0, sp 7.5ft by 7.5ft	
HORIZONTAL FOOTCANDLES	
Average	0.86
Maximum	1.20
Minimum	0.50
AvgMin	1.72
Max:Min	2.40
Coef Var	0.23
UnifGrad	1.43



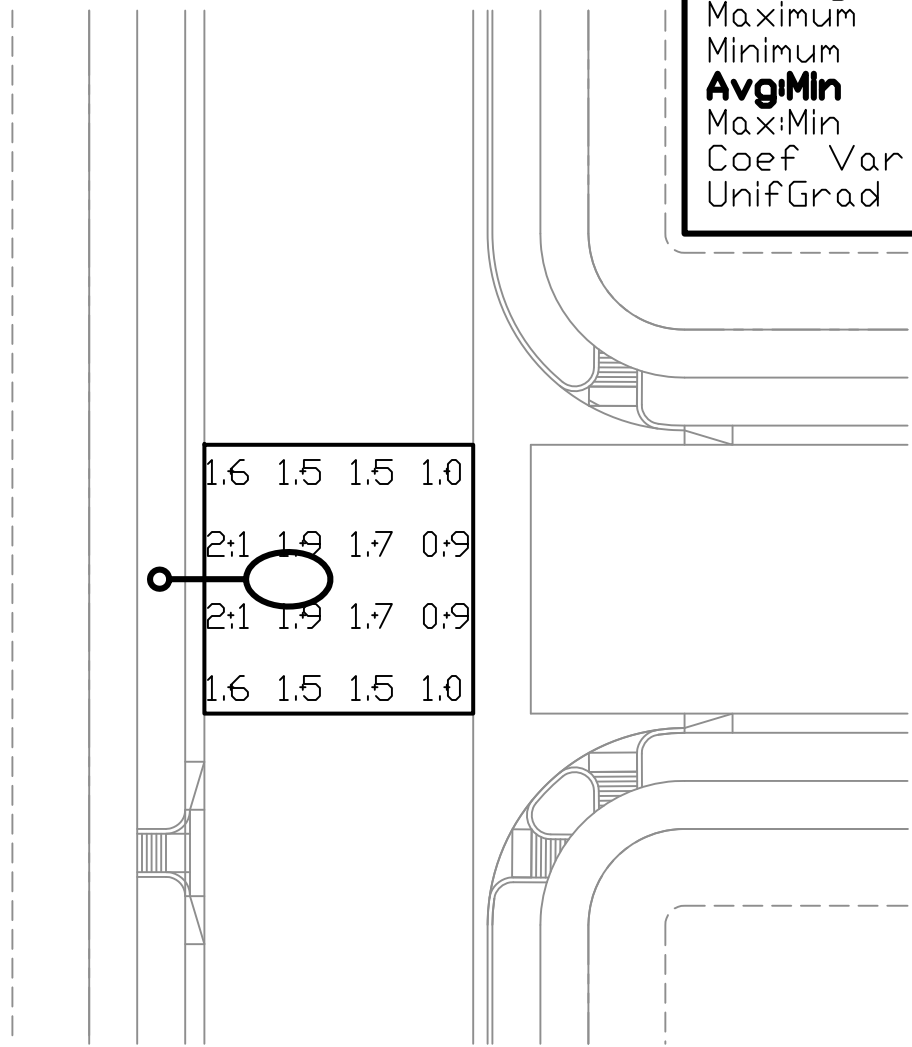
TYPICAL LOCAL/LOCAL ROADWAY INTERSECTION
(LOCAL) (41W) (25' H) (TWO LIGHTS)



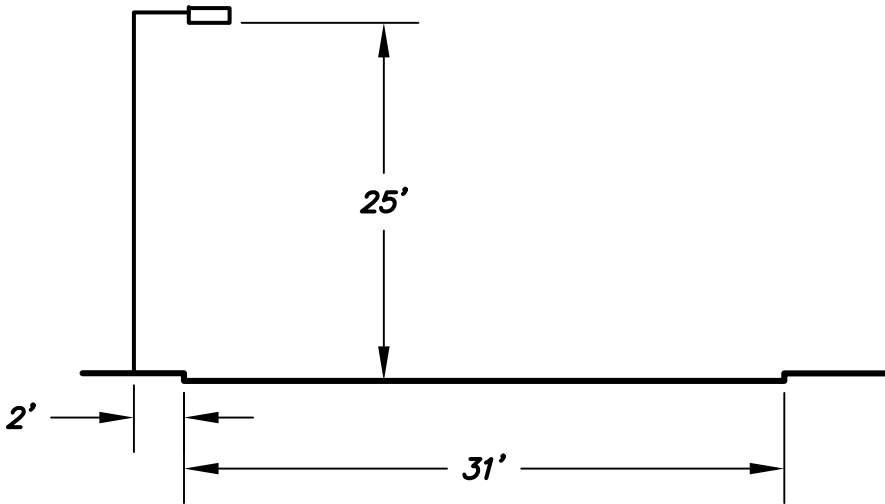
LUMINAIRE INPUT DATA	
GE Lighting Solutions	
lamp(s):	LED
candela file	'ERL1_05E130-120-277V.IES'
1 lamp(s) per luminaire,	4,800 initial lumens per lamp
Light Loss Factor = 0.9,	watts per luminaire = 41
Outreach (from mounting axis to photometric center)=	30 in
mounting height=	25 ft



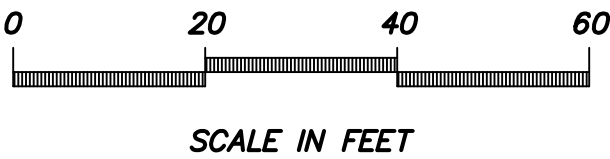
INTERSECTION	
16 points at z=0, sp 7.5ft by 7.5ft	
HORIZONTAL FOOTCANDLES	
Average	1.53
Maximum	2.10
Minimum	0.90
AvgMin	1.70
Max:Min	2.33
Coef Var	0.25
UnifGrad	1.89



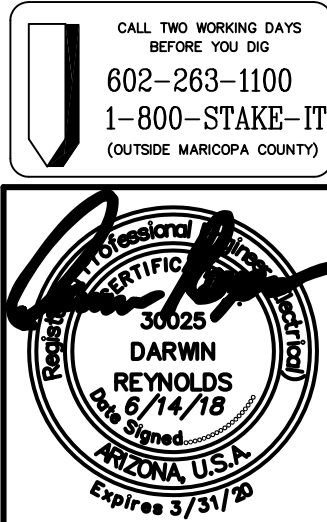
TYPICAL LOCAL/LOCAL ROADWAY INTERSECTION
(LOCAL) (41W) (25' H) (ONE LIGHT)



LUMINAIRE INPUT DATA	
GE Lighting Solutions	
lamp(s):	LED
candela file	'ERL1_05E130-120-277V.IES'
1 lamp(s) per luminaire,	4,800 initial lumens per lamp
Light Loss Factor = 0.9,	watts per luminaire = 41
Outreach (from mounting axis to photometric center)=	30 in
mounting height=	25 ft



ALL PHOTOMETRIC CALCULATIONS ON THESE
PLANS REPRESENT ILLUMINANCE VALUES



7800 N. 16TH ST.
SUITE 212
PHOENIX, AZ 85020
Ph: (602) 795-2699
WWW.DARCORINC.COM

PROJECT TITLE

HOMESTEAD AT MARLEY PARK -
PARCEL 1B SURPRISE, ARIZONA

SHEET TITLE

ROADWAY PHOTOMETRIC
CALCULATIONS

DATE	JUN 2018	DESIGNED:	DAR	DWG No.	P1	SHEET	1
		DRAWN:	BPR			OF	1
SCALE	N/A	CHECKED:	DAR	PROJ No.	18001		

CALL TWO WORKING DAYS
BEFORE YOU DIG
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

STREET LIGHTING PLANS
FOR
HOMESTEAD AT MARLEY PARK PHASE 4&5
PARCEL 3

A PORTION OF THE NORTHWEST QUARTER OF SECTION 16, TOWNSHIP 3 NORTH, RANGE 1 WEST OF THE
GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, CITY OF SURPRISE, ARIZONA

DEVELOPER

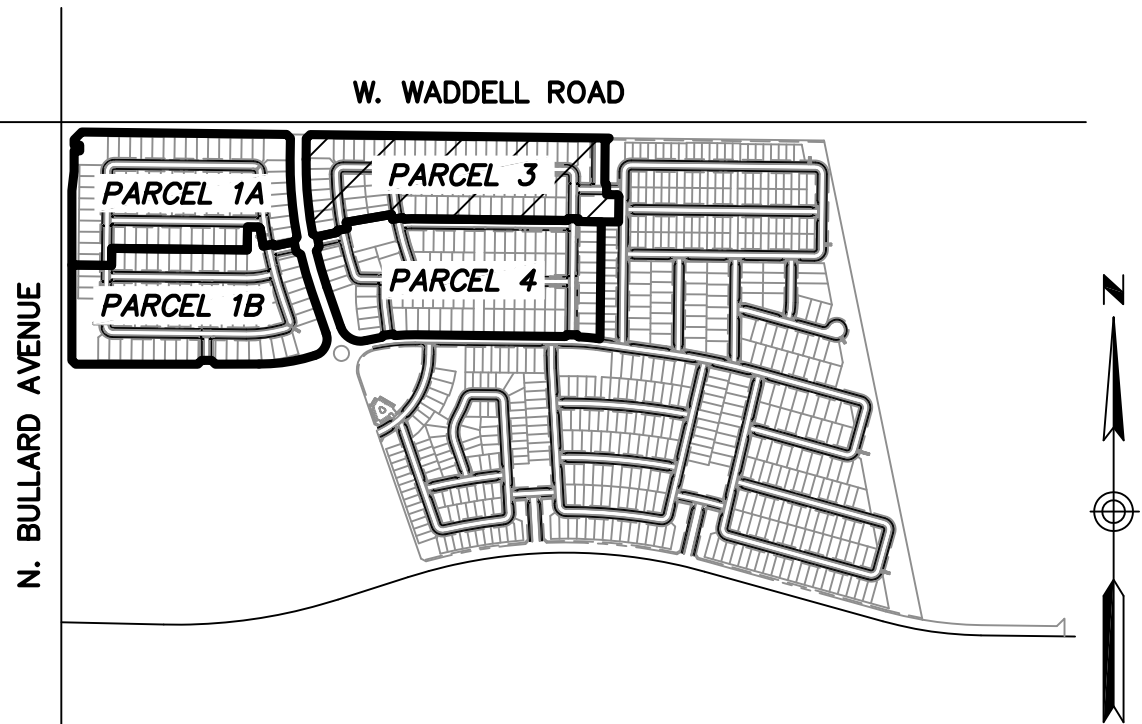
MERITAGE HOMES OF ARIZONA, INC.
8800 E. RAINTREE DR., STE. 300
SCOTTSDALE, AZ 85260
PHONE: (480) 515-8251
CONTACT: JASON JARVIS

CIVIL ENGINEER

ENTELLUS, INC.
3033 N. 44TH STREET, STE 250
PHOENIX, ARIZONA 85018
PHONE: (602) 244-2566
CONTACT: MICHAEL R. GLEESON, P.E.

ELECTRICAL ENGINEER

DARCOR & ASSOCIATES
7800 N. 16TH STREET, STE 212
PHOENIX, AZ 85020
PHONE: (602) 795-2699
CONTACT: DARWIN REYNOLDS, P.E.



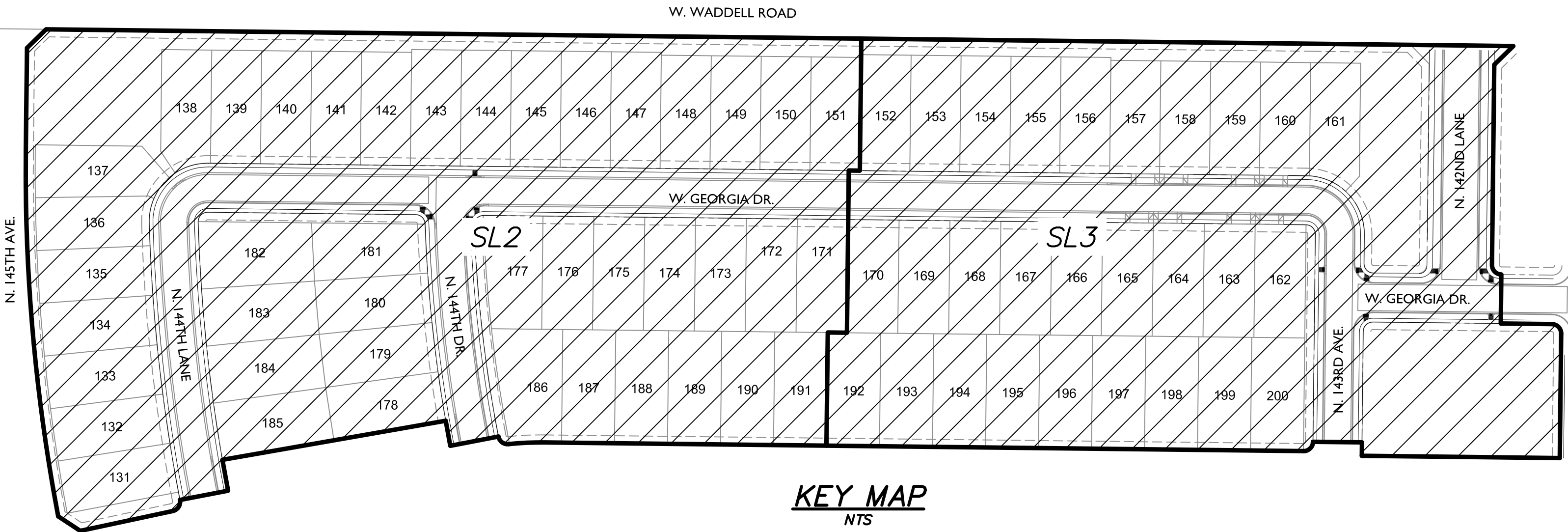
VICINITY MAP
NTS

THE ELECTRICAL / MAINTENANCE COSTS OF ALL STREET LIGHTS ON
LOCAL AND COLLECTOR STREETS (TYPICALLY THE 41 WATT / 4,800
LUMEN AND THE 88 WATT / 8,500 LUMEN FIXTURES) ARE TO BE PAID
BY THE ADJACENT PROJECT OR THE ADJACENT DEVELOPMENT'S
STREET LIGHT IMPROVEMENT DISTRICT (SLID)

LED TECHNOLOGY IS CHANGING RAPIDLY, THE FIXTURES SHOWN ON
THESE PLANS MAY NOT BE APPLICABLE AT TIME OF CONSTRUCTION.
CONTRACTOR TO COORDINATE WITH APS AND UTILIZE THEIR CURRENT
SPECIFICATION AT THE TIME OF BIDDING AND CONSTRUCTION.

CITY OF SURPRISE
GENERAL ENGINEERING NOTES

- ALL CONSTRUCTION MUST CONFORM TO MARICOPA ASSOCIATION OF GOVERNMENT (MAG) SPECIFICATIONS AND DETAILS AND LATEST REVISIONS UNLESS OTHERWISE STATED ON PLANS.
- THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND THEY WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL OVERHEAD AND UNDERGROUND UTILITY LOCATIONS WHERE CONSTRUCTION OCCURS. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT ALL UTILITIES ARE AVOIDED. UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND NOT FOR CONSTRUCTION PURPOSES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AND OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT ARIZONA UNDERGROUND FACILITIES LAWS (ARIZONA REVISED STATUTES TITLE 40, CHAPTER 2, ARTICLE 6.3, SECTION 40-360.21-32). CALL ARIZONA 811 FOR FIELD LOCATION BY DAIL 811.
- THE CITY OF SURPRISE ENGINEERING SERVICES OF PUBLIC WORKS SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK AT 623-222-6150.
- THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION OR VARIANCE FROM THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE PROPOSED AND RESUBMITTED FOR REVIEW AND APPROVAL.
- THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE DRAWING, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE. EXISTING SURFACE FEATURES AND FENCING SHALL BE REPLACED IN KIND.
- ANY INSPECTION BY THE CITY, COUNTY, OR THE ENGINEER, SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE APPLICABLE CODES AND AGENCY REQUIREMENTS.
- THE CONTRACTOR IS TO LOCATE ALL EXISTING LANDSCAPING, LANDSCAPING IRRIGATION LINES, PROPERTY MONUMENTS, FENCING OR SURFACE FEATURES PRIOR TO CONSTRUCTION. ANYTHING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
- NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
- ALL CONSTRUCTION WATER USED WITHIN THE CITY OF SURPRISE WATER SERVICE AREA REQUIRES APPROVAL BY THE CITY OF SURPRISE PUBLIC WORKS DEPARTMENT AND MAY BE SUBJECT TO VOLUME AND TIME RESTRICTIONS. PLEASE SEE THE CITY OF SURPRISE CONSTRUCTION WATER GUIDELINES FOR ADDITIONAL INFORMATION. THE GUIDELINES CAN BE OBTAINED FROM THE PUBLIC WORKS DEPARTMENT AT 623-222-6000.
- TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH MAG SPECIFICATION 401, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND THE "TEMPORARY WORK ZONE TRAFFIC MANAGEMENT POLICY" (LATEST EDITION).
- PRIOR TO FINAL APPROVAL AND ACCEPTANCE OF THE WORK, THE DEVELOPER/CONTRACTOR WILL BE REQUIRED TO CLEAN AND REPAIR ADJACENT (OFF-PROJECT) ROADWAYS USED OR DAMAGED DURING THE COURSE OF CONSTRUCTION.
- EMERGENCY VEHICLE ACCESS (E.V.A.) MUST BE PROVIDED BY THE DEVELOPER/CONTRACTOR THROUGHOUT THE PROJECT SITE. E.V.A. ROADS AND SIGNAGE SHALL BE MAINTAINED BY THE DEVELOPER/CONTRACTOR AT ALL TIMES. SIGNAGE SHALL BE POSTED AT THE POINT OF ENTRY TO THE SITE AND AT ALL LOCATIONS WHERE A CHANGE IN DIRECTION OCCURS.
- THE PLANS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT'S ACCESSIBILITY GUIDELINES, AS PUBLISHED IN THE FEDERAL REGISTER ON SEPTEMBER 15, 2010.



KEY MAP
NTS

SHEET INDEX

SHEET	DESCRIPTION
SL1	STREET LIGHTING COVER SHEET
SL2	STREET LIGHTING PLAN VIEW - I
SL3	STREET LIGHTING PLAN VIEW - II
SL4	STREET LIGHTING DETAILS
P1	TYPICAL STREET PHOTOMETRICS

LEGEND & QUANTITIES LIST

QTY	SYMBOL	DESCRIPTION
13		41W LED (4,800 LUMENS) STREET LIGHT
2		88W LED (8,500 LUMENS) STREET LIGHT

UTILITIES

THESE PLANS HAVE BEEN SUBMITTED TO THE FOLLOWING UTILITY COMPANIES FOR REVIEW OF ANY UTILITY CONFLICTS. IF ANY CONFLICTS ARISE DURING THE COURSE OF CONSTRUCTION FROM UNFORESEEN CIRCUMSTANCES, IT SHALL BE REPORTED TO THE APPROPRIATE UTILITY COMPANY AND BE RESOLVED BY THEM AND THE DESIGN ENGINEER.

UTILITY COMPANY	CONTACT	CONTACT METHOD	DATE SIGNED
ARIZONA PUBLIC SERVICE	CLAUDIO RIOS	623-975-8505	9/11/17
COX COMMUNICATIONS	DAN DISCHINGER	623-328-4178	9/11/17
CENTURY LINK	RONJEAN GRANT-SLOAN	480-768-4294	9/11/17
SOUTHWEST GAS	ANGELICA ONTIVEROS	602-484-5345	9/11/17

CITY OF SURPRISE SIGNATURE BLOCK

THIS SET OF PLANS HAS BEEN REVIEWED FOR COMPLIANCE WITH CITY REQUIREMENTS PRIOR TO ISSUANCE OF PERMITS. THE CITY NEITHER ACCEPTS NOR ASSUMES ANY LIABILITY FOR ERRORS OR OMISSIONS. THIS COMPLIANCE APPROVAL SHALL NOT PREVENT THE CITY ENGINEER FROM REQUIRING CORRECTIONS OF ERRORS OR OMISSIONS IN PLANS FOUND TO BE IN VIOLATION OF LAW OR ORDINANCES.

APPROVED _____
CITY OF SURPRISE ENGINEER

DATE _____

SLID# _____

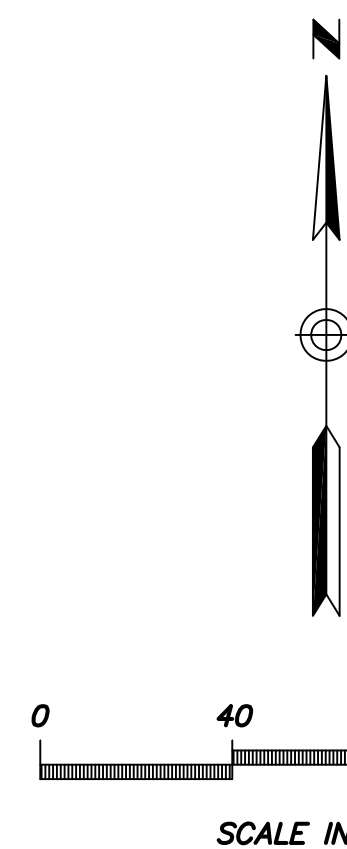
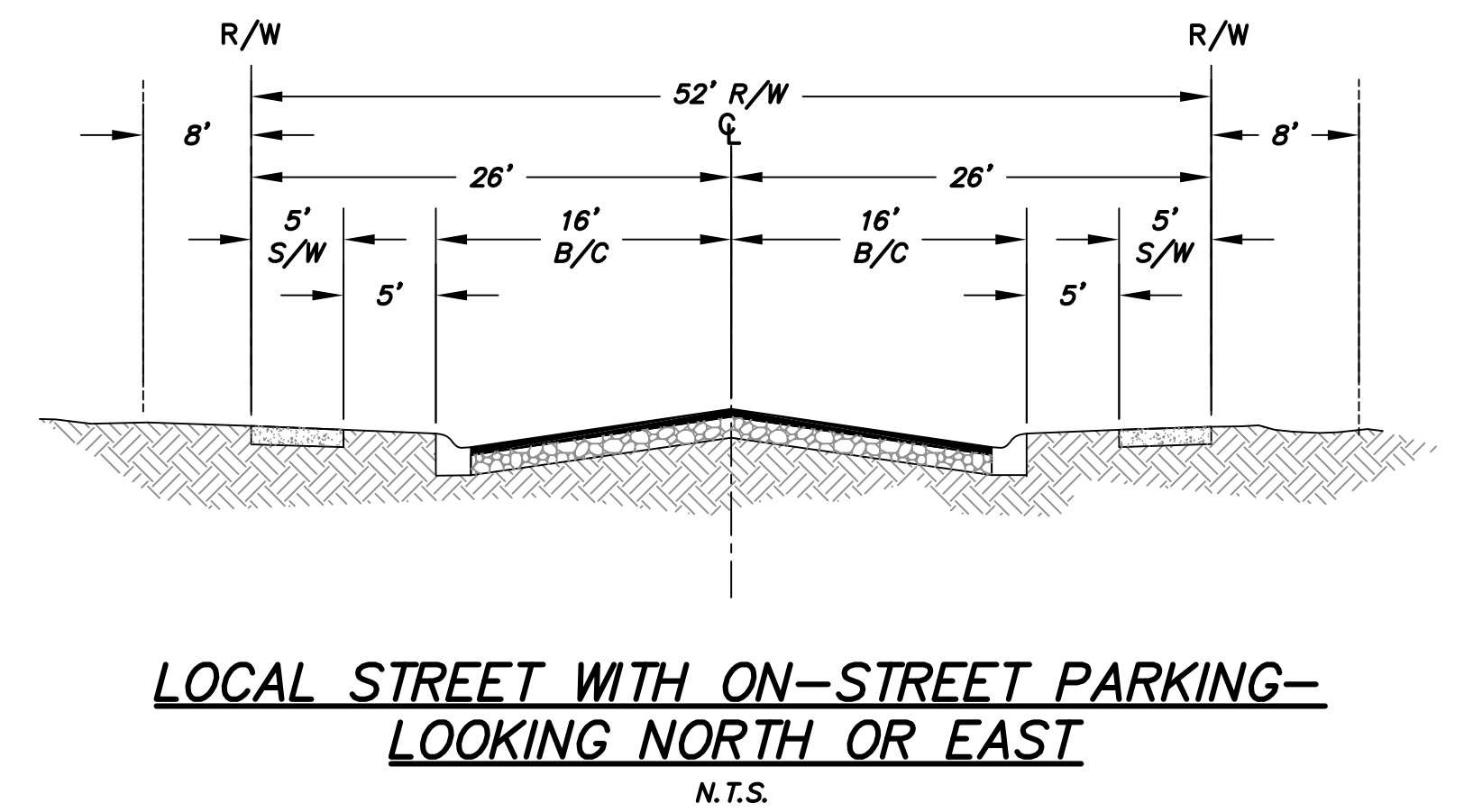
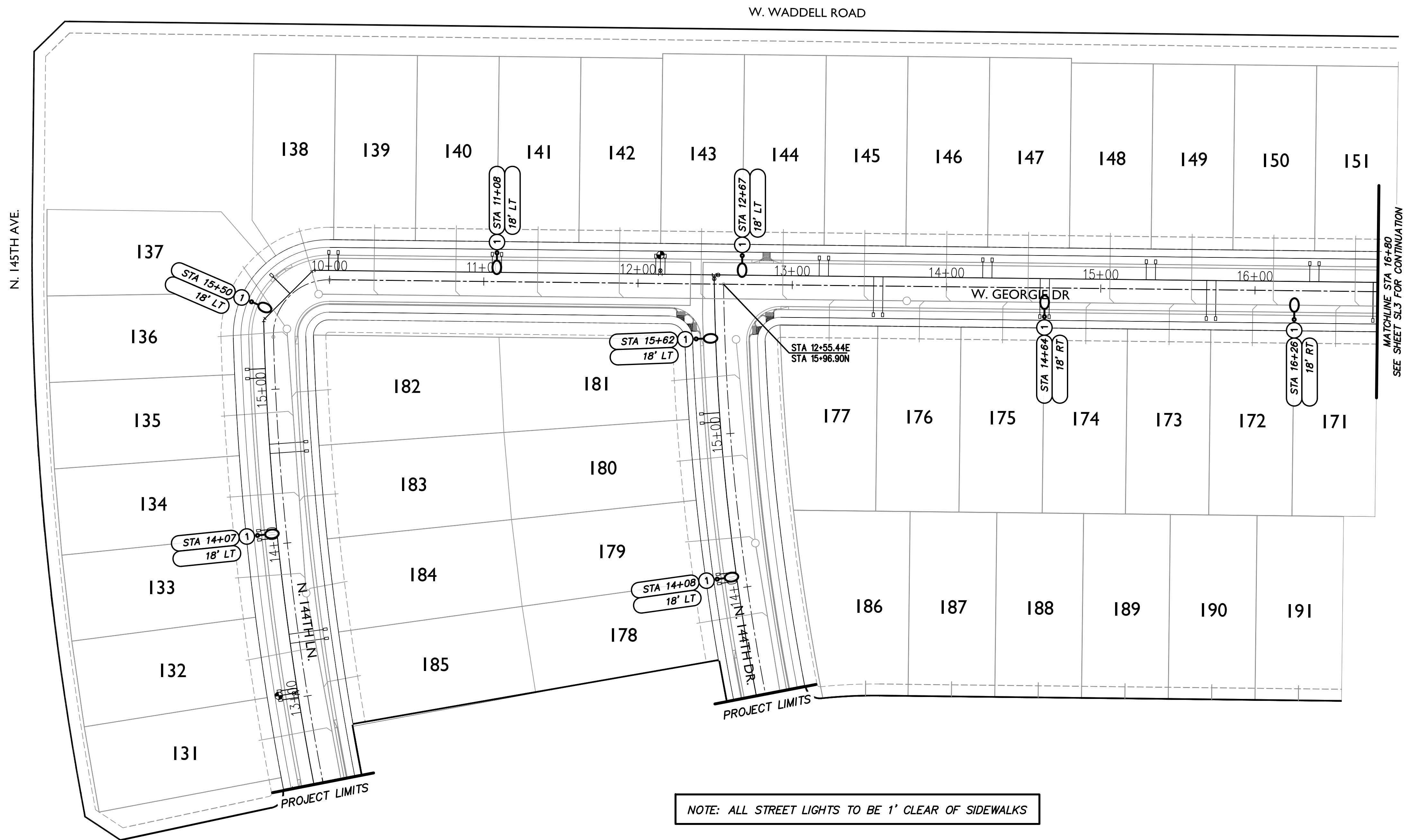
DARCOR
ELECTRICAL CONSULTING ENGINEERS
7800 N. 16TH ST.
SUITE 212
PHOENIX, AZ 85020
Ph: (602) 795-2699
WWW.DARCORINC.COM

PROJECT TITLE
**HOMESTEAD AT MARLEY PARK -
PARCEL 3 SURPRISE, ARIZONA**

SHEET TITLE
**STREET LIGHTING
COVER SHEET**

DATE MAY 2018	DESIGNED: DAR	DWG No. SL1	SHEET 1
SCALE N/A	DRAWN: BPR	PROJ No. 18001	OF 4
	CHECKED: DAR		

File: 18001-3-SL2.dwg Drafter: Brandon Rickard Saved: May 24, 2018

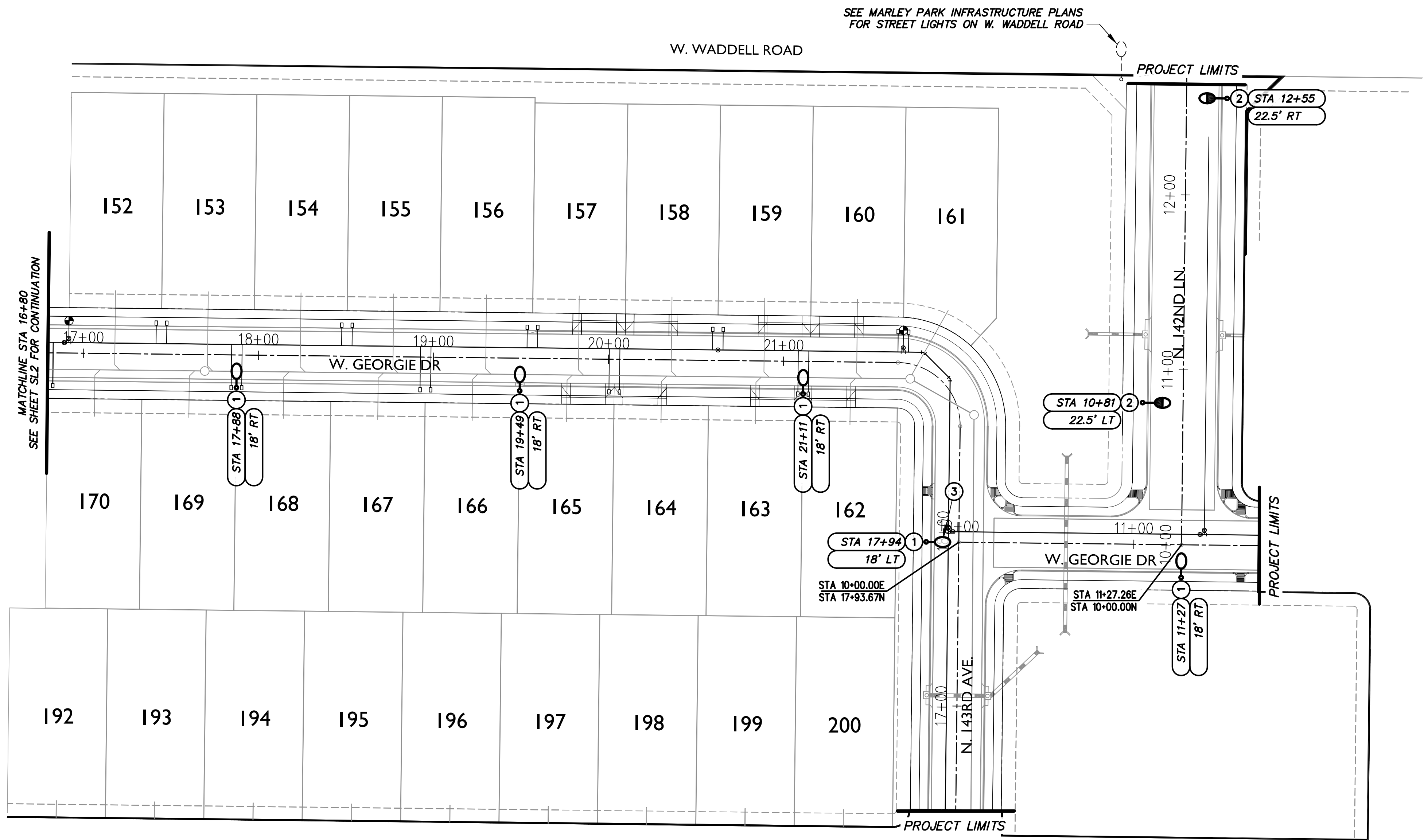


KEY NOTE	
①	INSTALL 41W, 3000K LED (4,800 LUMENS) BRONZE COBRAHEAD LUMINAIRE MOUNTED ON A 30'-6" DIRECT BURIED SQUARE STEEL POLE WITH A 2'-0" MAST ARM (25' MOUNTING HEIGHT). SEE APS STANDARD DETAIL 8030 AND APPLICABLE APS DETAILS ON SHEET SL4.

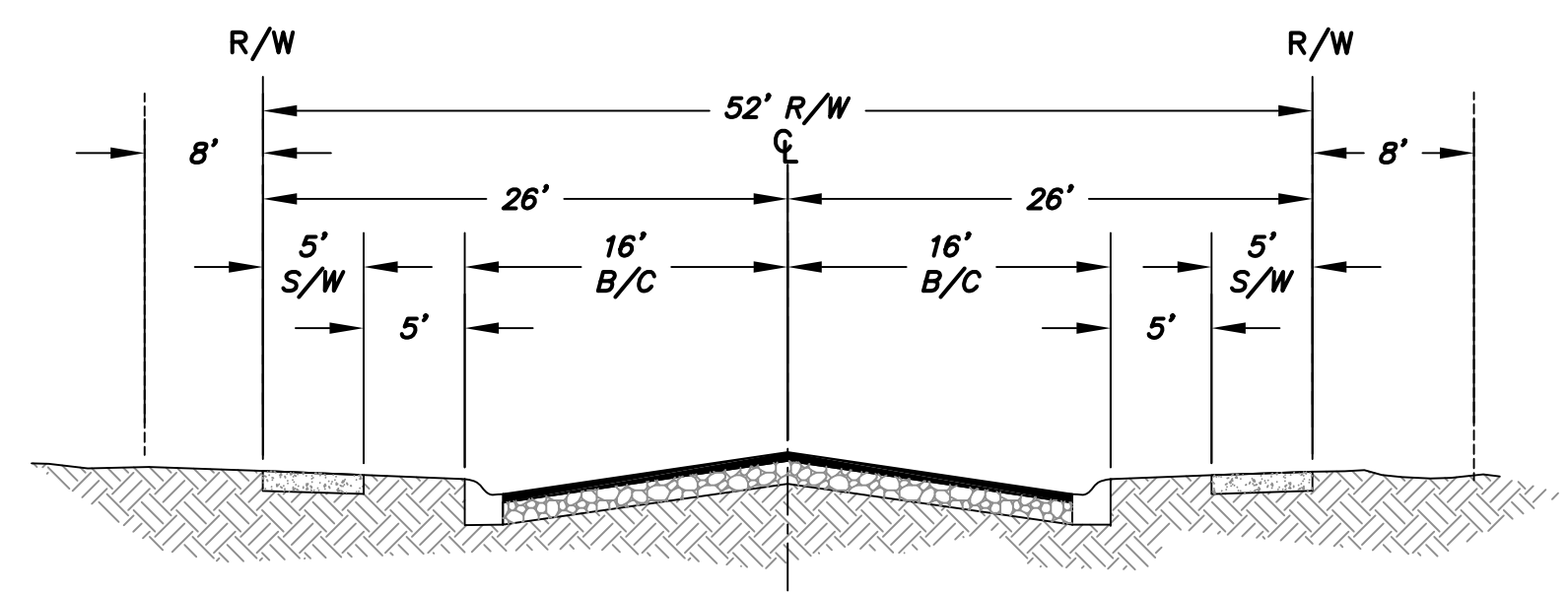


 ELECTRICAL CONSULTING ENGINEERS		7600 N. 16TH ST. SUITE 212 PHOENIX, AZ 85020 Ph: (602) 795-2899 WWW.DARCORINC.COM	
PROJECT TITLE HOMESTEAD AT MARLEY PARK - PARCEL 3 SURPRISE, ARIZONA			
SHEET TITLE STREET LIGHTING PLAN VIEW - I			
DATE MAY 2018	DESIGNED: DAR	DWG No. SL2	SHEET 2 OF 4
SCALE AS SHOWN	DRAWN: BPR CHECKED: DAR	PROJ No. 18001	

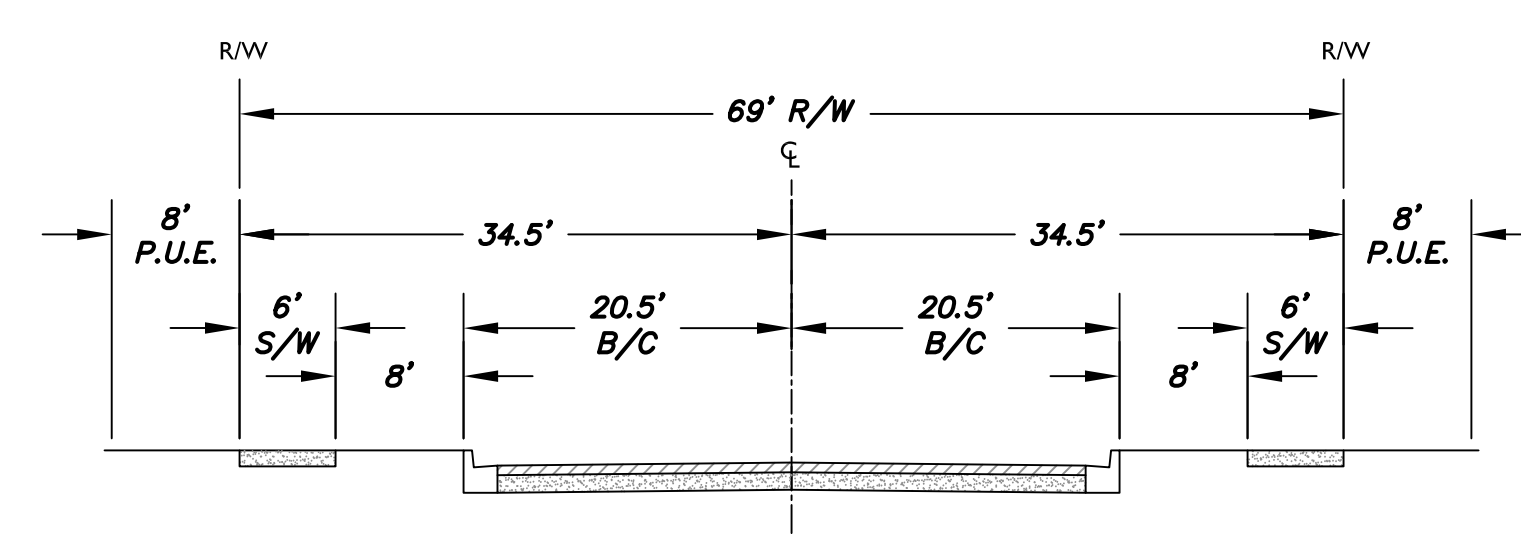
File: 18001-3-SL3.dwg Drafter: Brandon Rickard Saved: May 24, 2018



NOTE: ALL STREET LIGHTS TO BE 1' CLEAR OF SIDEWALKS



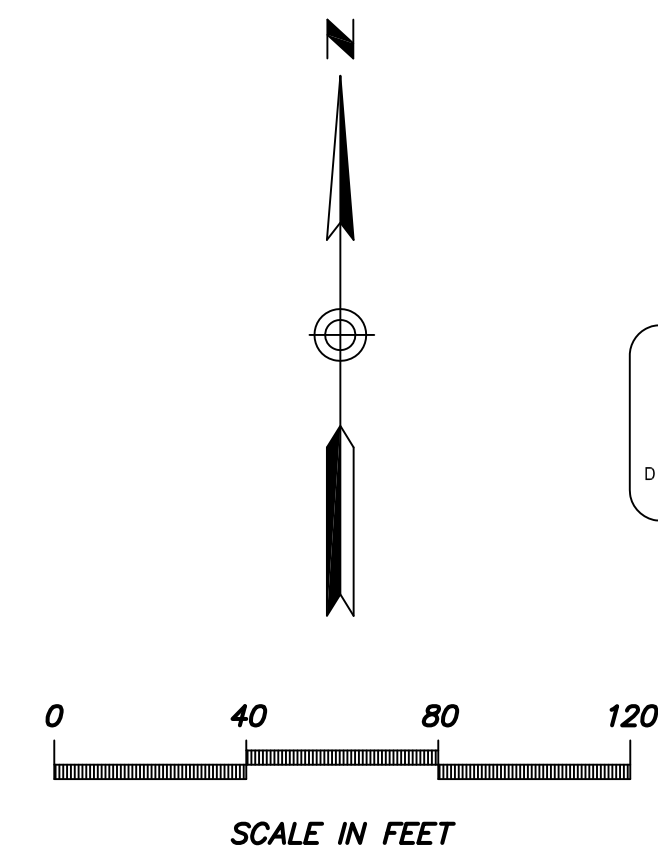
LOCAL STREET WITH ON-STREET PARKING—
LOOKING NORTH OR EAST
N.T.S.



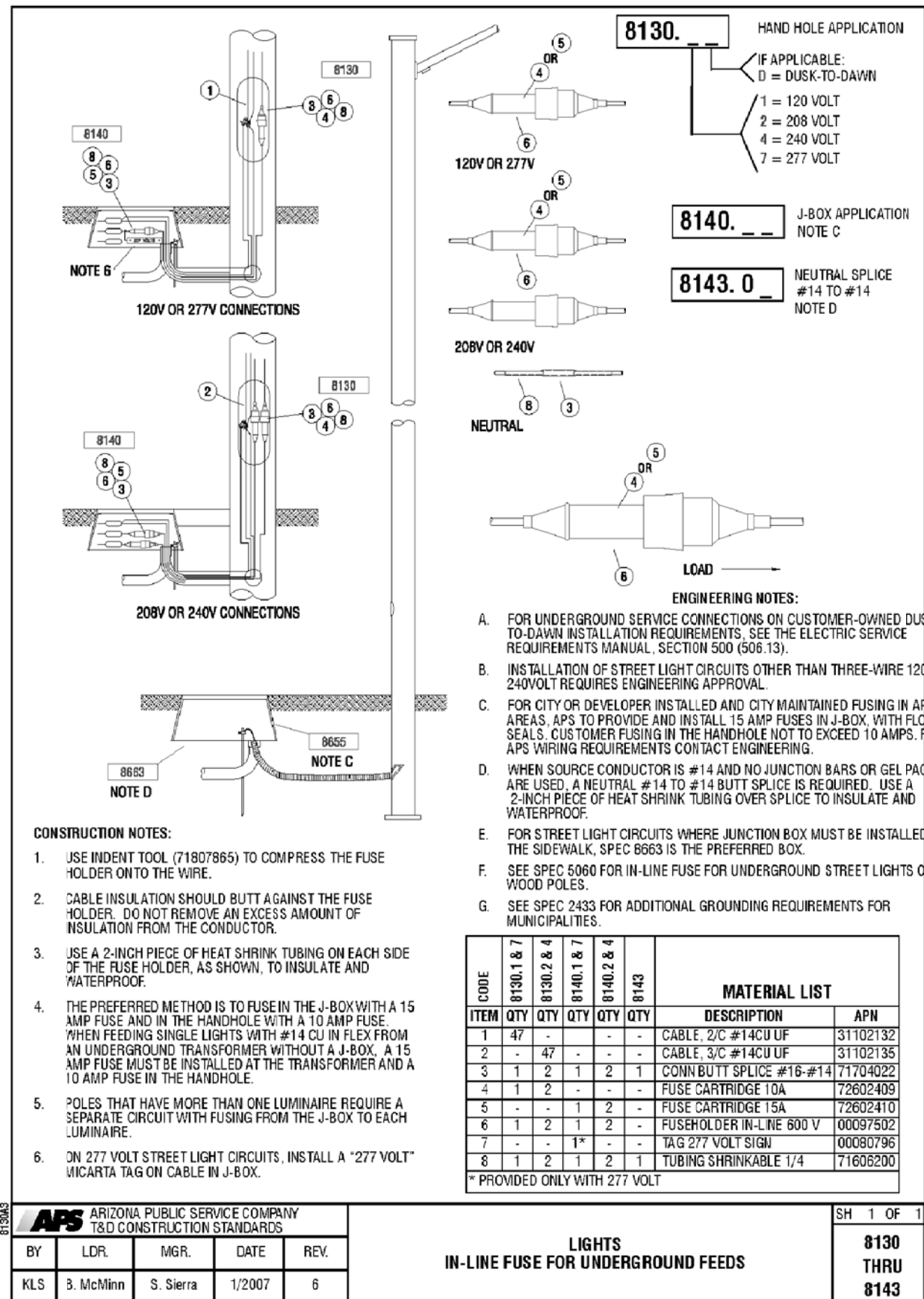
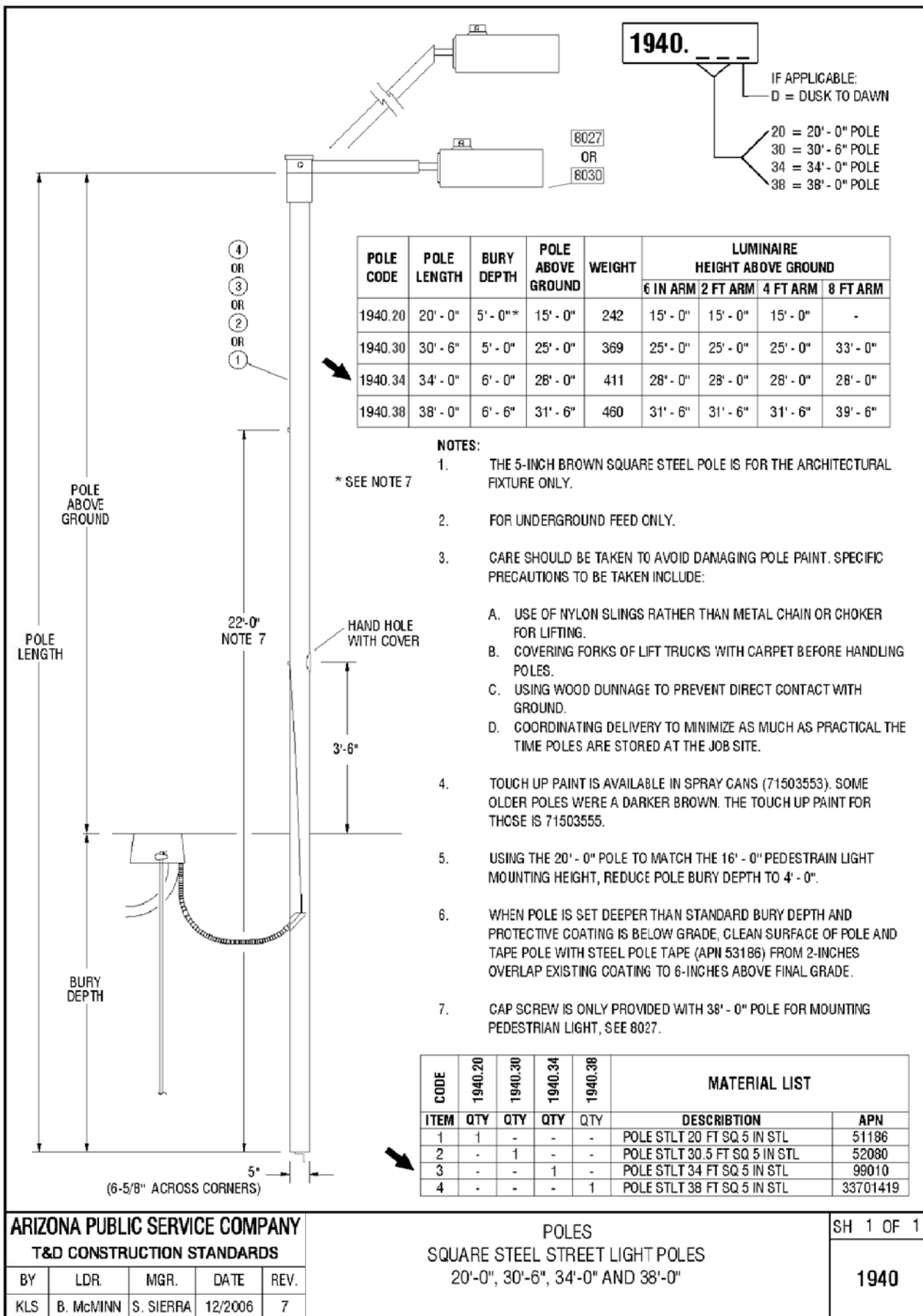
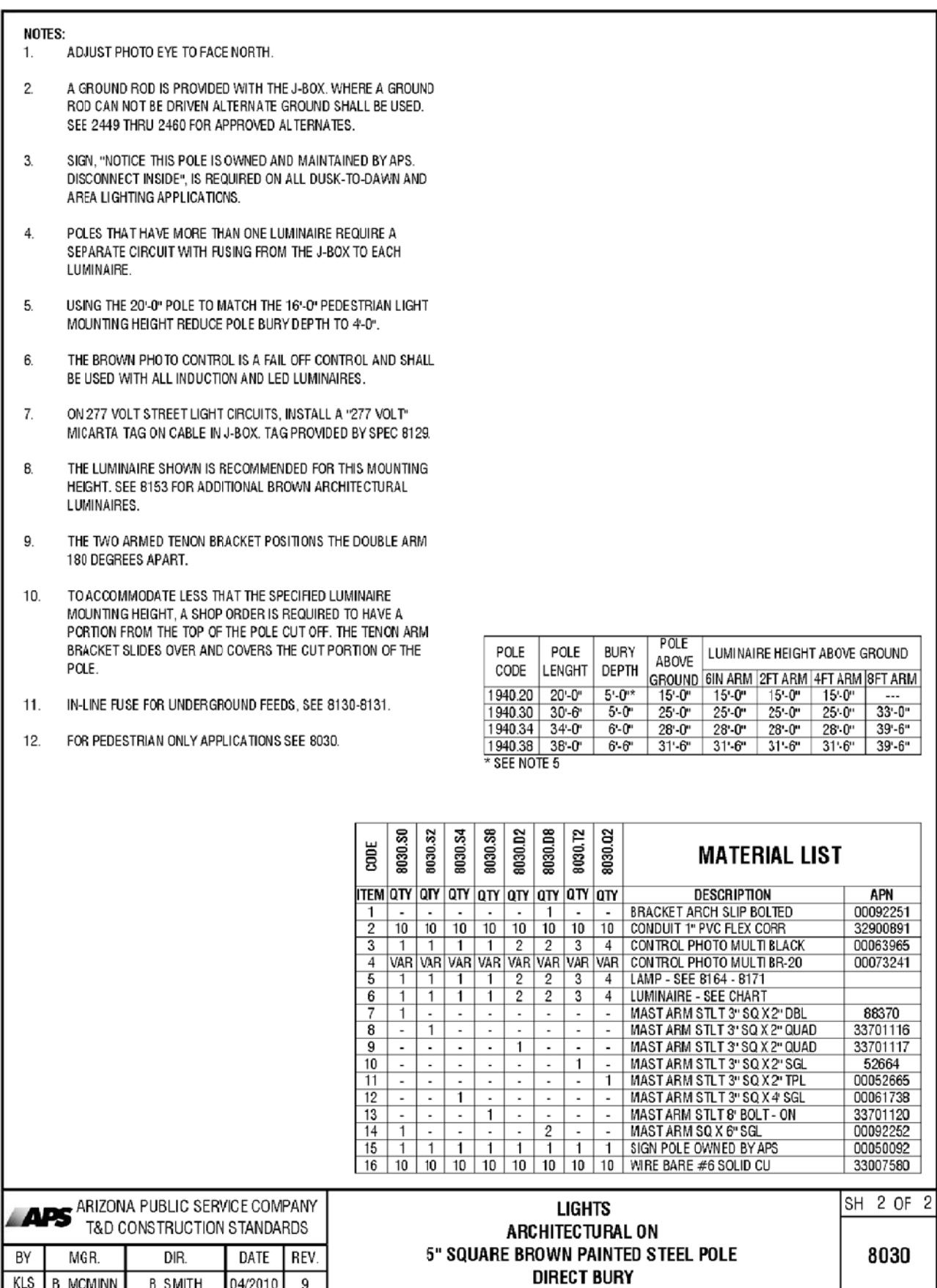
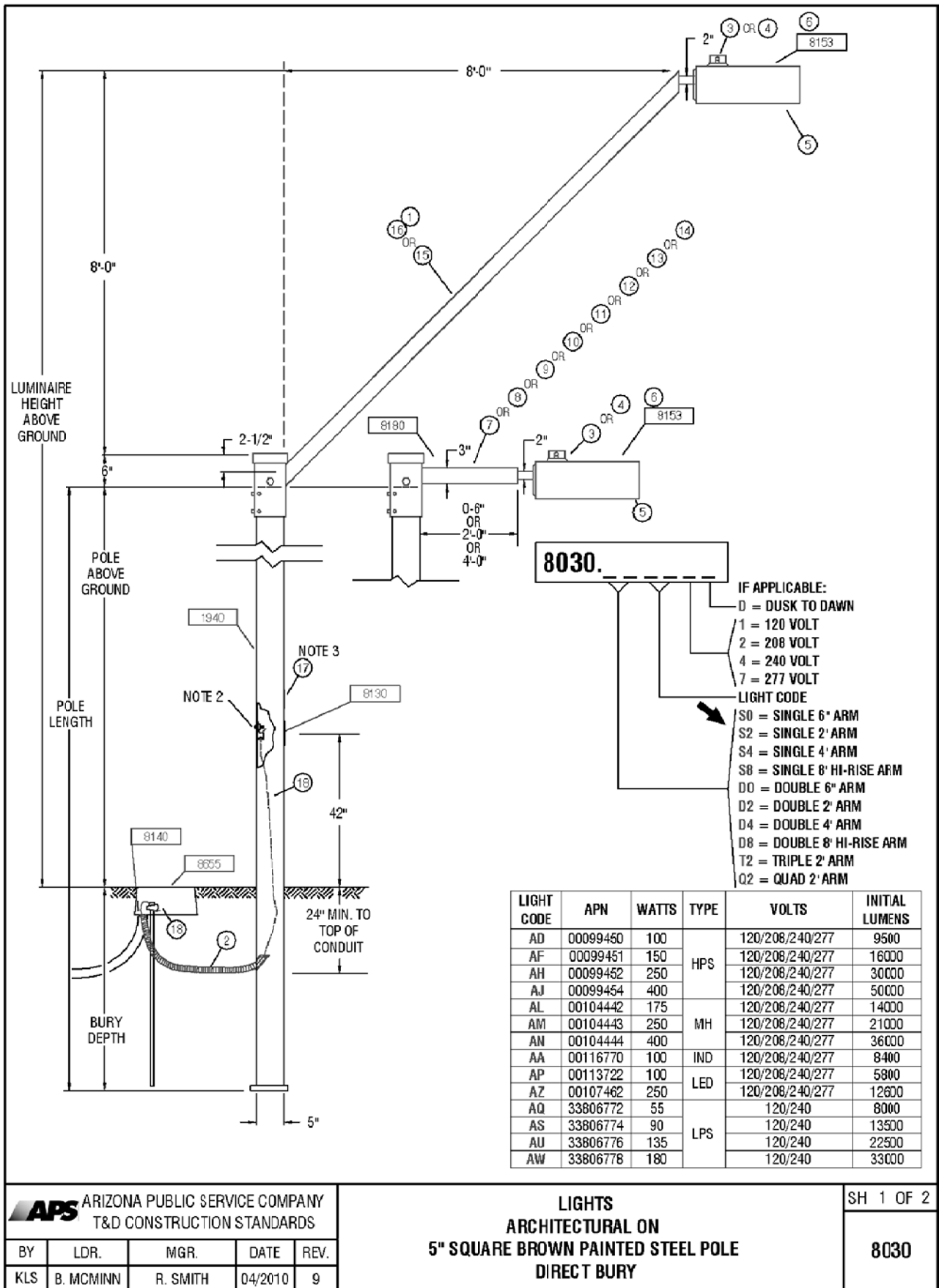
TYPICAL COLLECTOR ROAD
N.T.S.

KEY NOTE

1. INSTALL 41W, 3000K LED (4,800 LUMENS) BRONZE COBRAHEAD LUMINAIRE MOUNTED ON A 30'-6" DIRECT BURIED SQUARE STEEL POLE WITH A 2'-0" MAST ARM (25' MOUNTING HEIGHT). SEE APS STANDARD DETAIL 8030 AND APPLICABLE APS DETAILS ON SHEET SL4.
2. INSTALL 88W, 4000K LED (8,500 LUMENS) BRONZE COBRAHEAD LUMINAIRE MOUNTED ON A 38'-0" DIRECT BURIED SQUARE STEEL POLE WITH A 4'-0" MAST ARM (31'-6" MOUNTING HEIGHT). SEE APS STANDARD DETAIL 8030 AND APPLICABLE APS DETAILS ON SHEET SL4.
3. LUMINAIRE TO INCLUDE AN APPROVED APS HOUSE-SIDE SHIELD.



DARCOR ELECTRICAL CONSULTING ENGINEERS		7800 N. 16TH ST. SUITE 212 PHOENIX, AZ 85020 Ph: (602) 795-2899 WWW.DARCORINC.COM	
PROJECT TITLE HOMESTEAD AT MARLEY PARK - PARCEL 3 SURPRISE, ARIZONA			
SHEET TITLE STREET LIGHTING PLAN VIEW - II			
DATE MAY 2018	DESIGNED: DAR	DWG No. SL3	SHEET 3 OF 4
SCALE AS SHOWN	CHECKED: DAR	PROJ No. 18001	



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 Ph: (602) 795-2899
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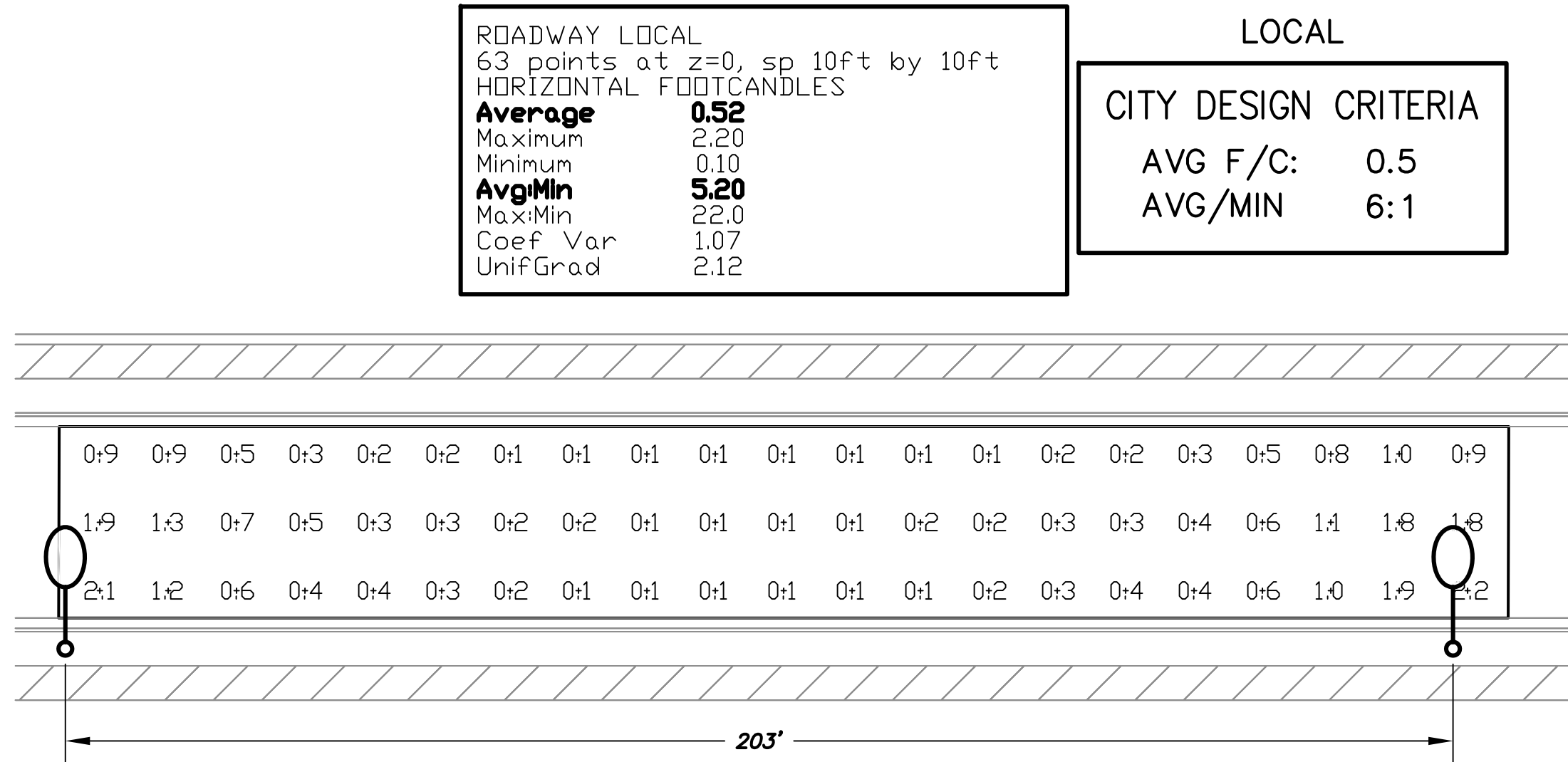
PROJECT TITLE
 HOMESTEAD AT MARLEY PARK -
 PARCEL 3 SURPRISE, ARIZONA

SHEET TITLE
 STREET LIGHTING
 DETAILS

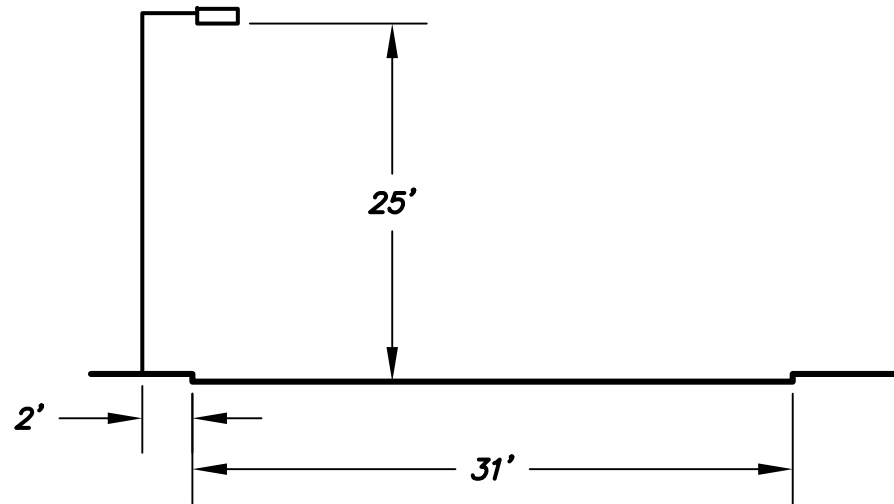
DATE: MAY 2018
 DESIGNED: DAR
 DWG No. SL4
 SCALE: N/A
 DRAWN: BPR
 PROJ No. 18001
 CHECKED: DAR

SHEET 4 OF 4

Saved: May 24, 2018 File: 18001-3-P1.dwg Drafter: Brandon Rickard

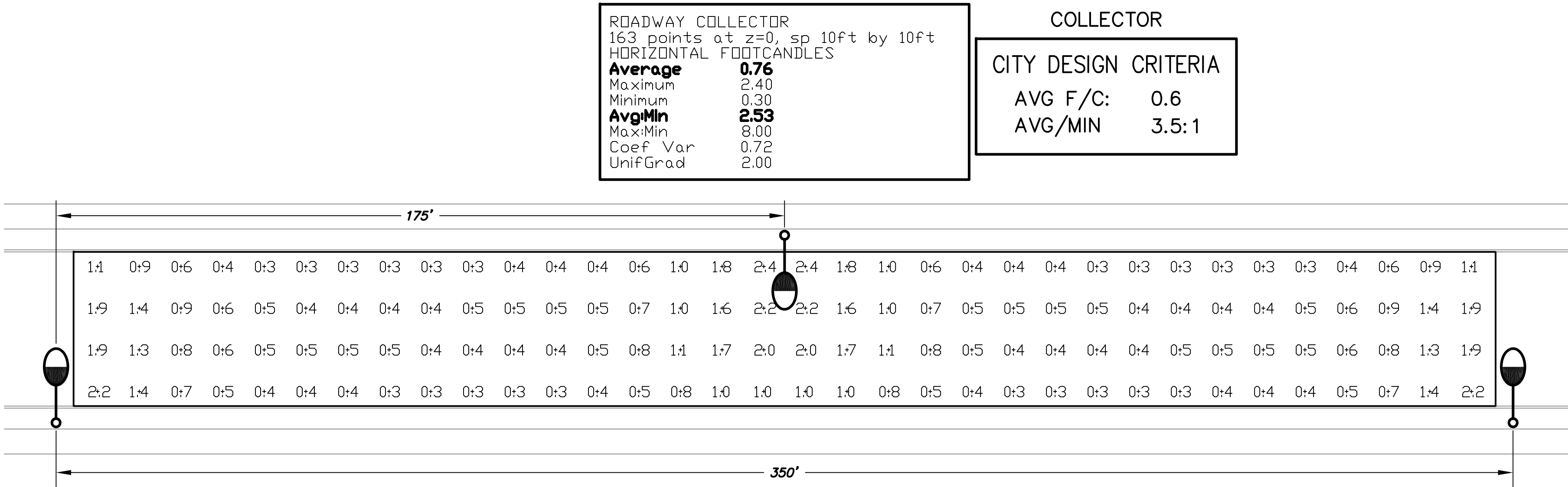


WORST CASE SPACING FOR 31' WIDE ROADWAY
 (LOCAL) (41W) (25' H)

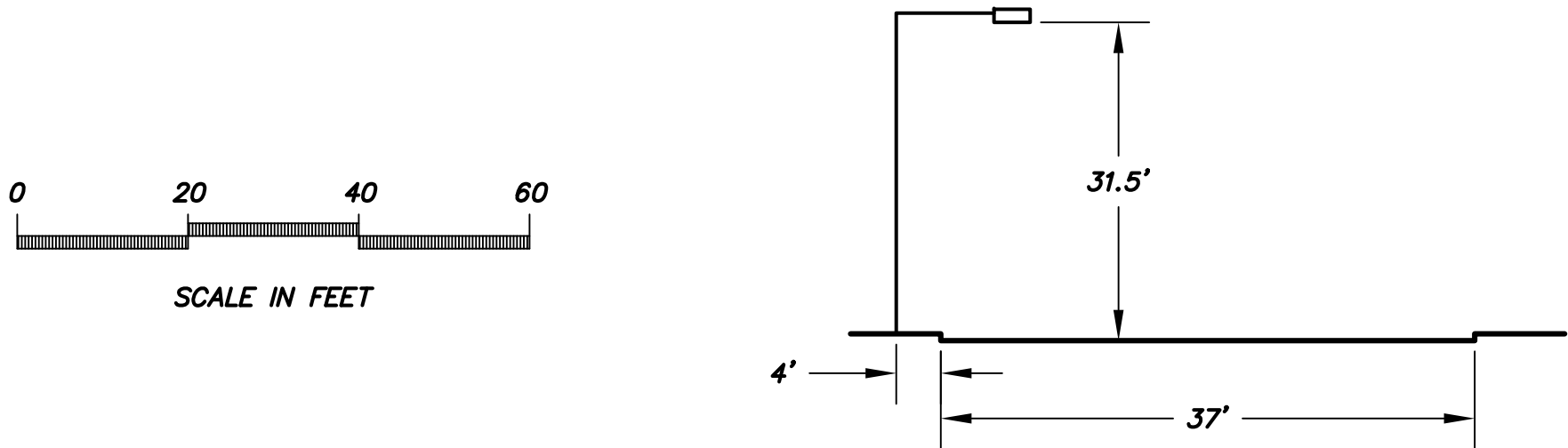


LUMINAIRE INPUT DATA
 GE Lighting Solutions
 lamp(s): LED
 candela file "ERL1_05E130-120-277V.IES"
 1 lamp(s) per luminaire, 4,800 initial lumens per lamp
 Light Loss Factor = 0.9, watts per luminaire = 41
 Outreach (from mounting axis to photometric center)= 30 in
 mounting height= 25 ft

APS APPROVED LED STREET LIGHTS								
AS OF 3-15-18								
APN	LIGHT CODE	LAMP	WATTS	LUMENS	CCT	COLOR	G.E. MODEL NUMBER	IES CURVE NUMBER
141047	RL41	LED	32	3,800	3000K	DK BRONZE	ERL1004B130ADKBZGRX	ERL1_04B130-120-277V.IES
141048	RL41	LED	41	4,800	3000K	DK BRONZE	ERL1005E130ADKBZGRX	ERL1_05E130-120-277V.IES
141049	RL42	LED	88	8,200	3000K	DK BRONZE	ERL1008E130ADKBZGRX	ERL1_08E130.IES
141050	RL43	LED	108	11,100	3000K	DK BRONZE	ERLH011E130ADKBZGRX	ERLH_11E130.IES
141040	CL50	LED	32	3,800	3000K	GRAY	ERL1004B130AGRAYGRX	ERL1_04B130-120-277V.IES
141041	CL51	LED	41	4,800	3000K	GRAY	ERL1005E130AGRAYGRX	ERL1_05E130-120-277V.IES
141043	CL52	LED	88	8,200	3000K	GRAY	ERL1008E130AGRAYGRX	ERL1_08E130.IES
141045	CL53	LED	108	11,100	3000K	GRAY	ERLH011E130AGRAYGRX	ERLH_11E130.IES
128251	RL50	LED	32	3,900	4000K	DK BRONZE	ERL1004B140ADKBZGRX	ERL1_04B140-120-277V.IES
126804	RL51	LED	41	5,000	4000K	DK BRONZE	ERL1005E140ADKBZGRX	ERL1_05E140-120-277V.IES
126805	RL52	LED	88	8,500	4000K	DK BRONZE	ERL1008E140ADKBZGRX	ERL1_08E140.IES
	RL53	LED	108	11,500	4000K	DK BRONZE	ERLH011E140ADKBZGRX	ERLH_11E140.IES
128329	CL60	LED	32	3,900	4000K	GRAY	ERL1004B140AGRAYGRX	ERL1_04B140-120-277V.IES
128330	CL61	LED	41	5,000	4000K	GRAY	ERL1005E140AGRAYGRX	ERL1_05E140-120-277V.IES
128331	CL62	LED	88	8,500	4000K	GRAY	ERL1008E140AGRAYGRX	ERL1_08E140.IES
128332	CL63	LED	108	11,500	4000K	GRAY	ERLH011E140AGRAYGRX	ERLH_11E140.IES

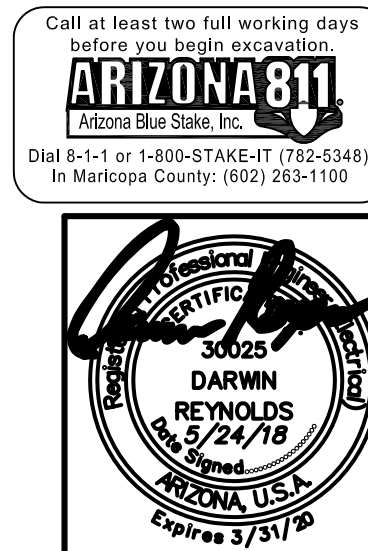


WORST CASE SPACING FOR 37' WIDE ROADWAY
 (COLLECTOR) (88W) (31.5' H)



LUMINAIRE INPUT DATA
 GE Lighting Solutions
 lamp(s): LED
 candela file "ERL1_08E140.IES"
 1 lamp(s) per luminaire, 8,500 initial lumens per lamp
 Light Loss Factor = 0.9, watts per luminaire = 88
 Outreach (from mounting axis to photometric center)= 48 in
 mounting height= 31.5 ft

ALL PHOTOMETRIC CALCULATIONS ON THESE
 PLANS REPRESENT ILLUMINANCE VALUES



DARCOR
 ELECTRICAL CONSULTING ENGINEERS

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 SUITE 212
 PHOENIX, AZ 85020
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PROJECT TITLE
**HOMESTEAD AT MARLEY PARK -
 PARCEL 3 SURPRISE, ARIZONA**

SHEET TITLE
**ROADWAY PHOTOMETRIC
 CALCULATIONS**

DATE MAY 2018	DESIGNED: DAR	DWG No. P1	SHEET 1 OF 1
SCALE N/A	DRAWN: BPR	PROJ No. 18001	
	CHECKED: DAR		

File: 18001-4-SL1.dwg
Drafter: Brandon Rickard
Saved: May 24, 2018

DARCOR GENERAL NOTES

- A. LOCATIONS INDICATED FOR EXISTING UNDERGROUND UTILITIES ARE BASED ON DRAWINGS PROVIDED TO US BY THE CIVIL ENGINEER AT TIME OF DESIGN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UNDERGROUND OBSTRUCTIONS AND UTILITIES ENCOUNTERED DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING BLUE-STAKE AND POT-HOLING TO VERIFY ALL EXISTING UNDERGROUND OBSTRUCTIONS.
- B. DARCOR & ASSOCIATES INC., ITS OWNERS, OR EMPLOYEES WILL NOT BE HELD RESPONSIBLE FOR ANY DAMAGE TO PROPERTY CAUSED BY OTHERS DURING OR RESULTING FROM CONSTRUCTION OF THIS PROJECT.
- C. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR COORDINATING THE RELOCATION OF UTILITIES, POWER POLES, ETC.
- D. THE CONTRACTOR SHALL PROVIDE THE CITY WITH ACCURATE AS-BUILT INFORMATION INCLUDING FIELD MEASUREMENTS TO ELECTRICAL EQUIPMENT AND UNDERGROUND CONDUIT ROUTING.
- E. ANY QUANTITIES SHOWN ARE THE BEST ESTIMATE OF THE ENGINEER. THE CONTRACTOR SHALL MAKE HIS OWN INDEPENDENT ESTIMATE OF QUANTITIES AND BASE HIS BID THEREON.
- F. THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES OR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED DURING CONSTRUCTION, AND WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- G. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL PROPERTY, LANDSCAPING, PAVING AND DRIVEWAYS THAT ARE DISTURBED DURING CONSTRUCTION TO THEIR ORIGINAL CONDITION WITH CONFORMANCE TO MAG SPECIFICATION SECTION 107.9.

THE ELECTRICAL / MAINTENANCE COSTS OF ALL STREET LIGHTS ON LOCAL AND COLLECTOR STREETS (TYPICALLY THE 41 WATT / 4,800 LUMEN AND THE 88 WATT / 8,500 LUMEN FIXTURES) ARE TO BE PAID BY THE ADJACENT PROJECT OR THE ADJACENT DEVELOPMENT'S STREET LIGHT IMPROVEMENT DISTRICT (SLID)

LED TECHNOLOGY IS CHANGING RAPIDLY, THE FIXTURES SHOWN ON THESE PLANS MAY NOT BE APPLICABLE AT TIME OF CONSTRUCTION. CONTRACTOR TO COORDINATE WITH APS AND UTILIZE THEIR CURRENT SPECIFICATION AT THE TIME OF BIDDING AND CONSTRUCTION.

CITY OF SURPRISE
GENERAL ENGINEERING NOTES

1. ALL CONSTRUCTION MUST CONFORM TO MARICOPA ASSOCIATION OF GOVERNMENT (MAG) SPECIFICATIONS AND DETAILS AND LATEST REVISIONS UNLESS OTHERWISE STATED ON PLANS.
2. THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND THEY WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL OVERHEAD AND UNDERGROUND UTILITY LOCATIONS WHERE CONSTRUCTION OCCURS. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT ALL UTILITIES ARE AVOIDED. UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND NOT FOR CONSTRUCTION PURPOSES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AND OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT ARIZONA UNDERGROUND FACILITIES LAWS (ARIZONA REVISED STATUTES TITLE 40, CHAPTER 2, ARTICLE 6.3, SECTION 40-360.21-32). CALL ARIZONA 811 FOR FIELD LOCATION BY DAY 811.
4. THE CITY OF SURPRISE ENGINEERING SERVICES OF PUBLIC WORKS SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK AT 623-222-6150.
5. THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION OR VARIANCE FROM THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE PROPOSED AND RESUBMITTED FOR REVIEW AND APPROVAL.
6. THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE DRAWING, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE. EXISTING SURFACE FEATURES AND FENCING SHALL BE REPLACED IN KIND.
7. ANY INSPECTION BY THE CITY, COUNTY, OR THE ENGINEER, SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE APPLICABLE CODES AND AGENCY REQUIREMENTS.
8. THE CONTRACTOR IS TO LOCATE ALL EXISTING LANDSCAPING, LANDSCAPING IRRIGATION LINES, PROPERTY MONUMENTS, FENCING OR SURFACE FEATURES PRIOR TO CONSTRUCTION. ANYTHING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
9. NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
10. ALL CONSTRUCTION WATER USED WITHIN THE CITY OF SURPRISE WATER SERVICE AREA REQUIRES APPROVAL BY THE CITY OF SURPRISE PUBLIC WORKS DEPARTMENT AND MAY BE SUBJECT TO VOLUME AND TIME RESTRICTIONS. PLEASE SEE THE CITY OF SURPRISE CONSTRUCTION WATER GUIDELINES FOR ADDITIONAL INFORMATION. THE GUIDELINES CAN BE OBTAINED FROM THE PUBLIC WORKS DEPARTMENT AT 623-222-6000.
11. TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH MAG SPECIFICATION 401, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND THE "TEMPORARY WORK ZONE TRAFFIC MANAGEMENT POLICY" (LATEST EDITION).
12. PRIOR TO FINAL APPROVAL AND ACCEPTANCE OF THE WORK, THE DEVELOPER/CONTRACTOR WILL BE REQUIRED TO CLEAN AND REPAIR ADJACENT (OFF-PROJECT) ROADWAYS USED OR DAMAGED DURING THE COURSE OF CONSTRUCTION.
13. EMERGENCY VEHICLE ACCESS (E.V.A.) MUST BE PROVIDED BY THE DEVELOPER/CONTRACTOR THROUGHOUT THE PROJECT SITE. E.V.A. ROADS AND SIGNAGE SHALL BE MAINTAINED BY THE DEVELOPER/CONTRACTOR AT ALL TIMES. SIGNAGE SHALL BE POSTED AT THE POINT OF ENTRY TO THE SITE AND AT ALL LOCATIONS WHERE A CHANGE IN DIRECTION OCCURS.
14. THE PLANS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT'S ACCESSIBILITY GUIDELINES, AS PUBLISHED IN THE FEDERAL REGISTER ON SEPTEMBER 15, 2010.

STREET LIGHTING PLANS

FOR

HOMESTEAD AT MARLEY PARK PHASE 4&5
PARCEL 4

A PORTION OF THE NORTHWEST QUARTER OF SECTION 16, TOWNSHIP 3 NORTH, RANGE 1 WEST OF THE
GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, CITY OF SURPRISE, ARIZONA

DEVELOPER

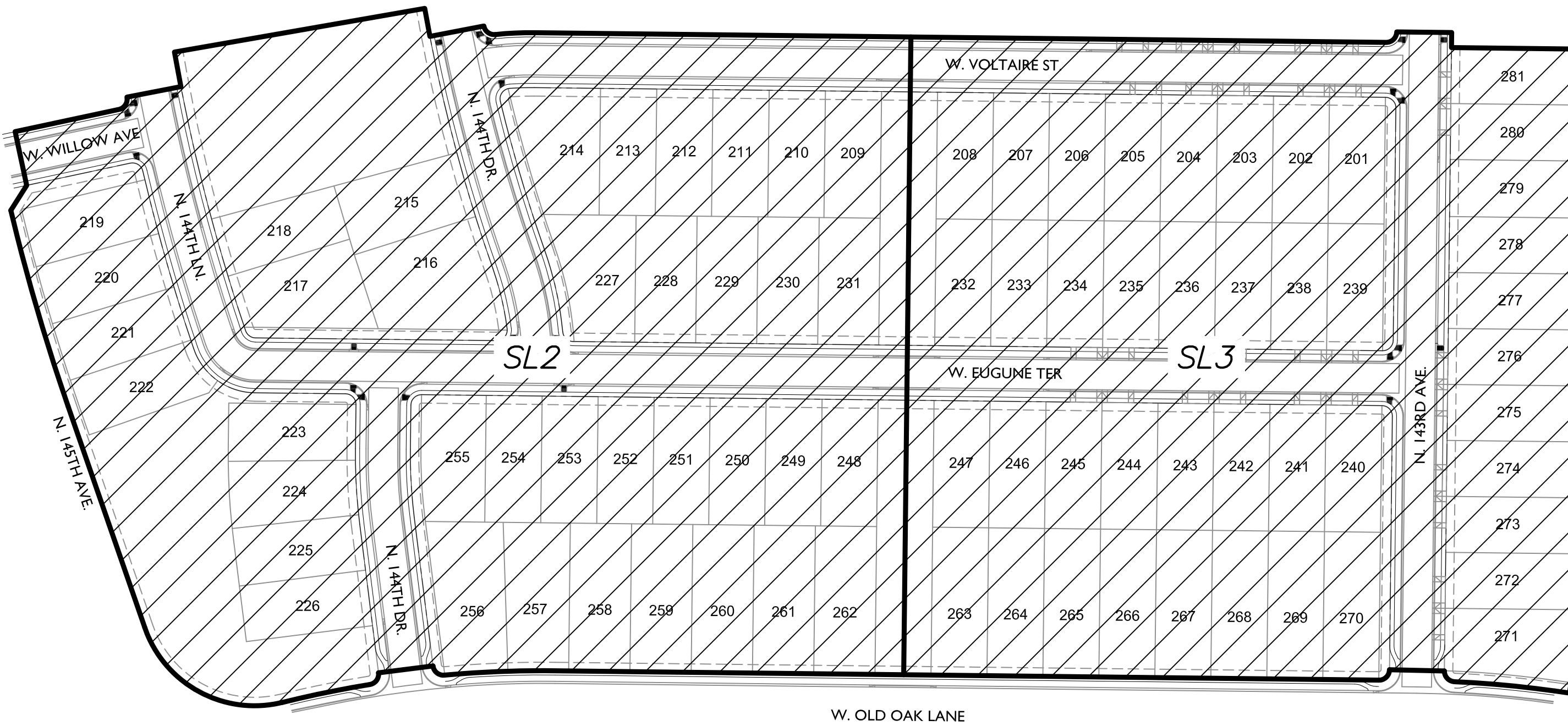
MERITAGE HOMES OF ARIZONA, INC.
8800 E. RAINTREE DR., STE. 300
SCOTTSDALE, AZ 85260
PHONE: (480) 515-8251
CONTACT: JASON JARVIS

CIVIL ENGINEER

ENTELLUS, INC.
3033 N. 44TH STREET, STE 250
PHOENIX, ARIZONA 85018
PHONE: (602) 244-2568
CONTACT: MICHAEL R. GLEESON, P.E.

ELECTRICAL ENGINEER

DARCOR & ASSOCIATES
7600 N. 16TH STREET, STE 212
PHOENIX, AZ 85020
PHONE: (602) 795-2699
CONTACT: DARWIN REYNOLDS, P.E.



KEY MAP
NTS

UTILITIES

THESE PLANS HAVE BEEN SUBMITTED TO THE FOLLOWING UTILITY COMPANIES FOR REVIEW OF ANY UTILITY CONFLICTS. IF ANY CONFLICTS ARISE DURING THE COURSE OF CONSTRUCTION FROM UNFORESEEN CIRCUMSTANCES, IT SHALL BE REPORTED TO THE APPROPRIATE UTILITY COMPANY AND BE RESOLVED BY THEM AND THE DESIGN ENGINEER.

UTILITY COMPANY	CONTACT	CONTACT METHOD	DATE SIGNED
ARIZONA PUBLIC SERVICE	CLAUDIO RIOS	623-975-8505	9/11/17
COX COMMUNICATIONS	DAN DISCHINGER	623-328-4178	9/11/17
CENTURY LINK	RONJAEAN GRANT-SLOAN	480-768-4294	9/11/17
SOUTHWEST GAS	ANGELICA ONTIVEROS	602-484-5345	9/11/17

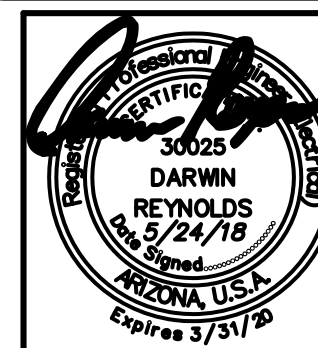
CITY OF SURPRISE SIGNATURE BLOCK

THIS SET OF PLANS HAS BEEN REVIEWED FOR COMPLIANCE WITH CITY REQUIREMENTS PRIOR TO ISSUANCE OF PERMITS. THE CITY NEITHER ACCEPTS NOR ASSUMES ANY LIABILITY FOR ERRORS OR OMISSIONS. THIS COMPLIANCE APPROVAL SHALL NOT PREVENT THE CITY ENGINEER FROM REQUIRING CORRECTIONS OF ERRORS OR OMISSIONS IN PLANS FOUND TO BE IN VIOLATION OF LAW OR ORDINANCES.

APPROVED _____
CITY OF SURPRISE ENGINEER

DATE

SLID#



DARCOR
ELECTRICAL CONSULTING ENGINEERS
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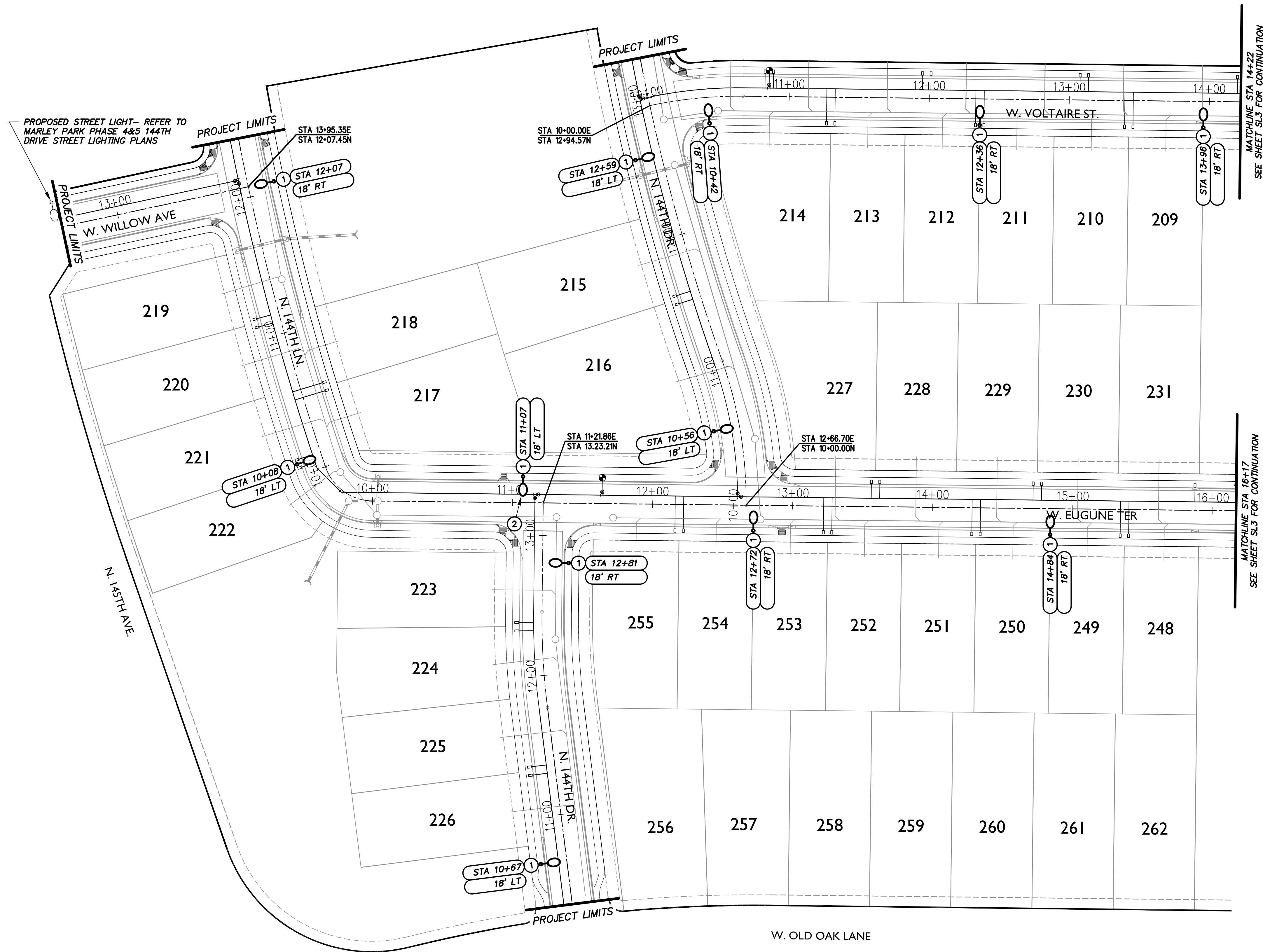
PROJECT TITLE
**HOMESTEAD AT MARLEY PARK -
PARCEL 4 SURPRISE, ARIZONA**

SHEET TITLE
**STREET LIGHTING
COVER SHEET**

DATE MAY 2018	DESIGNED: DAR	DWG No. SL1	SHEET 1
SCALE N/A	DRAWN: BPR	PROJ No. 18001	OF 4
	CHECKED: DAR		

File: 18001-4-SL2.dwg Drafter: Brandon Rickerd Saved: May 24, 2018

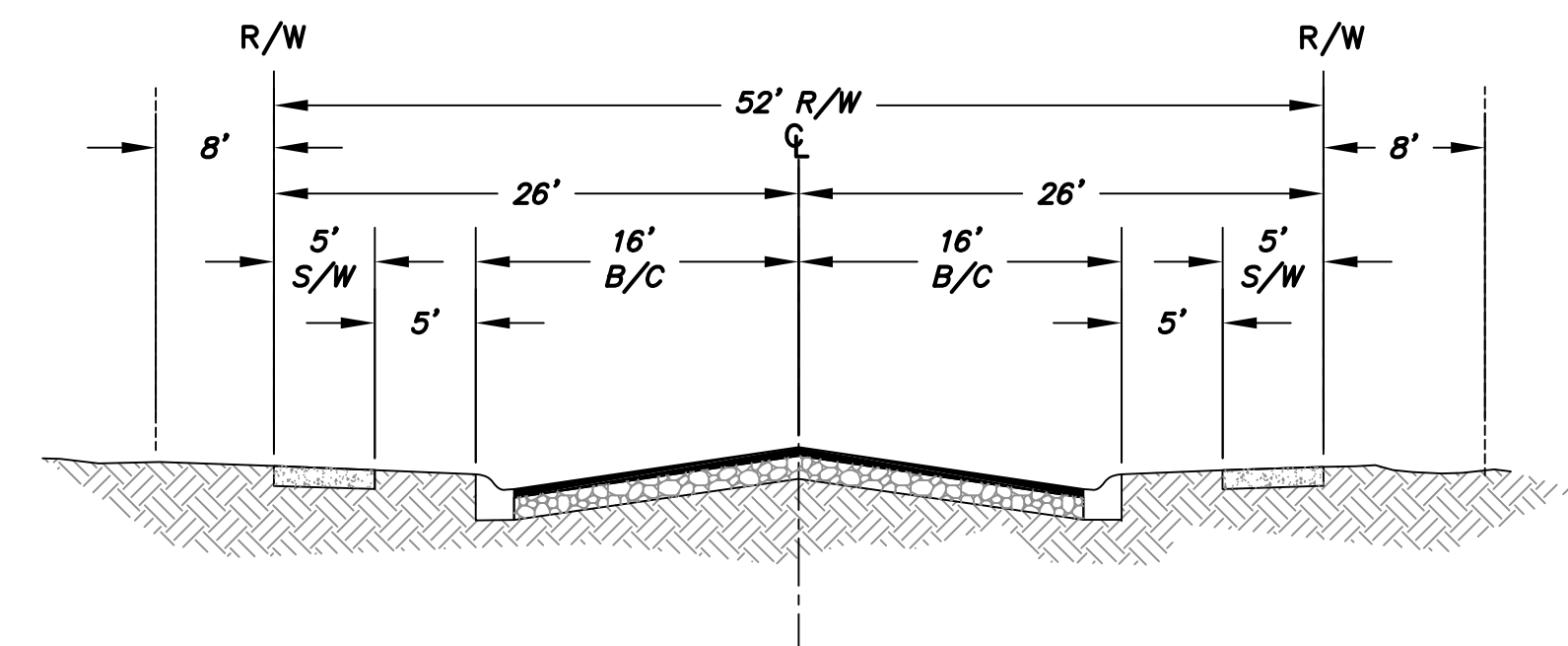
PROPOSED STREET LIGHT—REFER TO
MARLEY PARK PHASE 4&5 144TH
DRIVE STREET LIGHTING PLANS



MATCHLINE STA 14+22
SEE SHEET SL3 FOR CONTINUATION

MATCHLINE STA 16+17
SEE SHEET SL3 FOR CONTINUATION

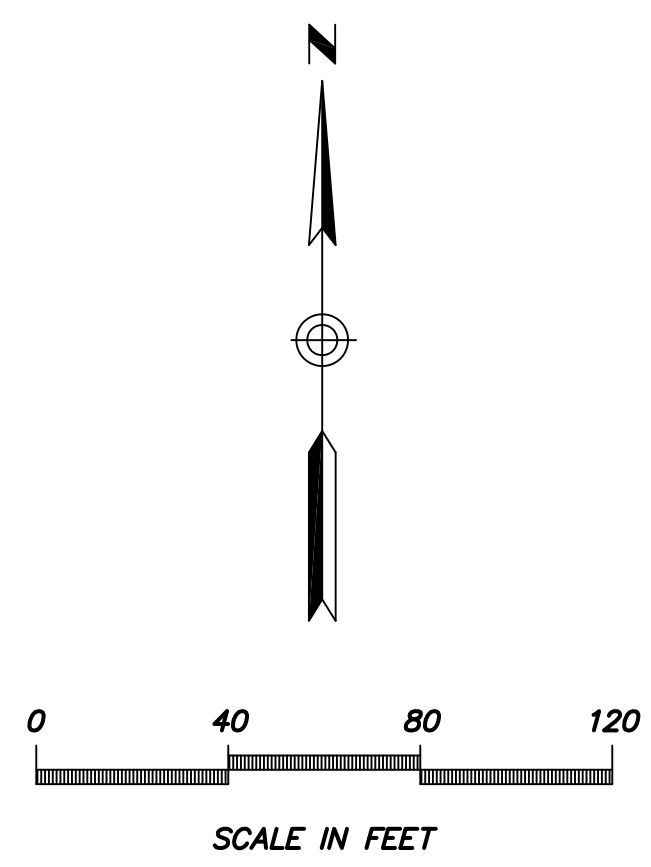
NOTE: ALL STREET LIGHTS TO BE 1' CLEAR OF SIDEWALKS



LOCAL STREET WITH ON-STREET PARKING—
LOOKING NORTH OR EAST
N.T.S.

KEY NOTE

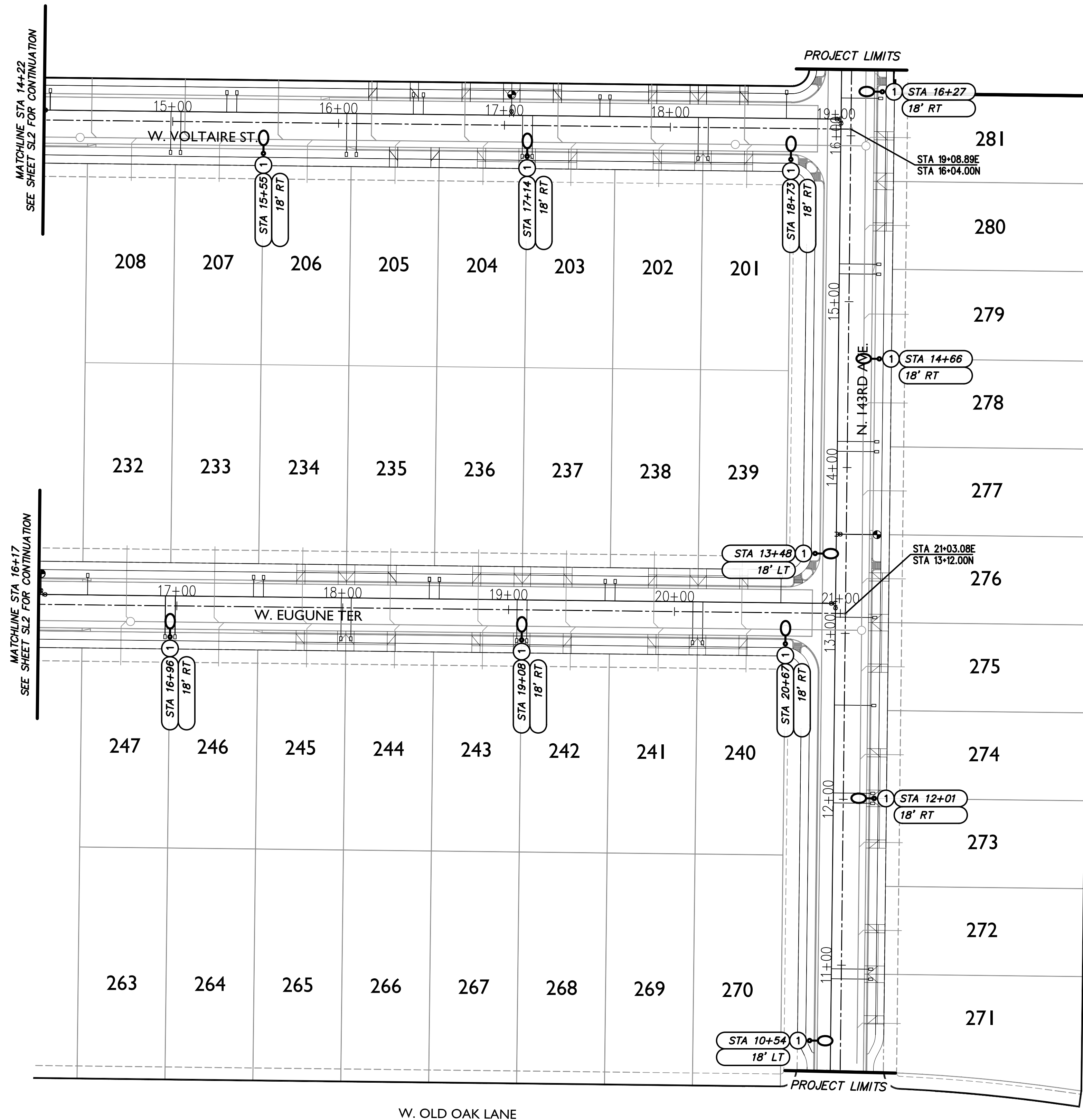
- 1 INSTALL 41W, 3000K LED (4,800 LUMENS) BRONZE COBRAHEAD LUMINAIRE MOUNTED ON A 30'-6" DIRECT BURIED SQUARE STEEL POLE WITH A 2'-0" MAST ARM (25' MOUNTING HEIGHT). SEE APS STANDARD DETAIL 8030 AND APPLICABLE APS DETAILS ON SHEET SL4.
- 2 LUMINAIRE TO INCLUDE AN APPROVED APS HOUSE-SIDE SHIELD.



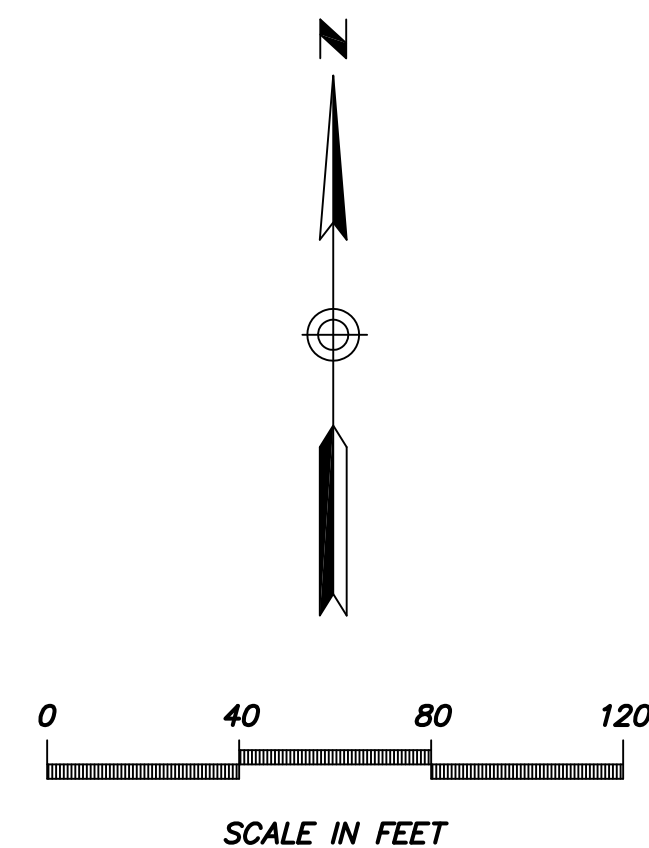
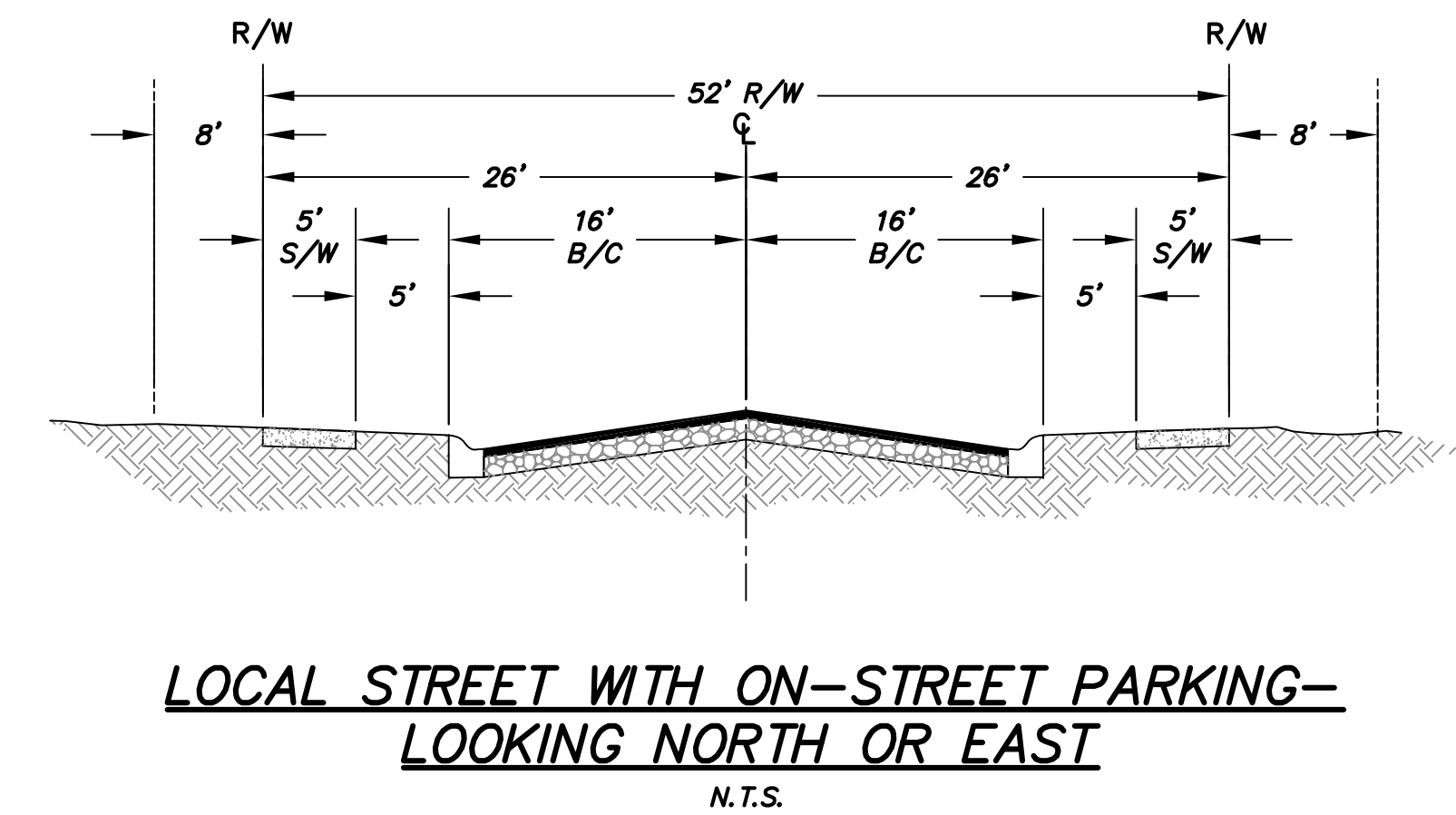
7800 N. 16TH ST.
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PROJECT TITLE HOMESTEAD AT MARLEY PARK - PARCEL 4 SURPRISE, ARIZONA			
SHEET TITLE STREET LIGHTING PLAN VIEW - I			
DATE MAY 2018	DESIGNED: DAR	DWG No. SL2	SHEET 2 OF 4
SCALE AS SHOWN	DRAWN: BPR	PROJ No. 18001	
CHECKED: DAR			

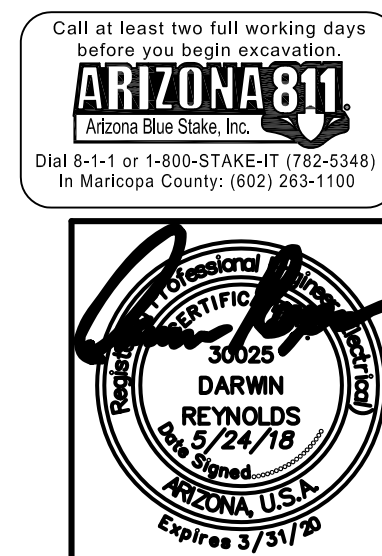
Saved: May 24, 2018 File: 18001-4-SL3.dwg Drafter: Brandon Rickard



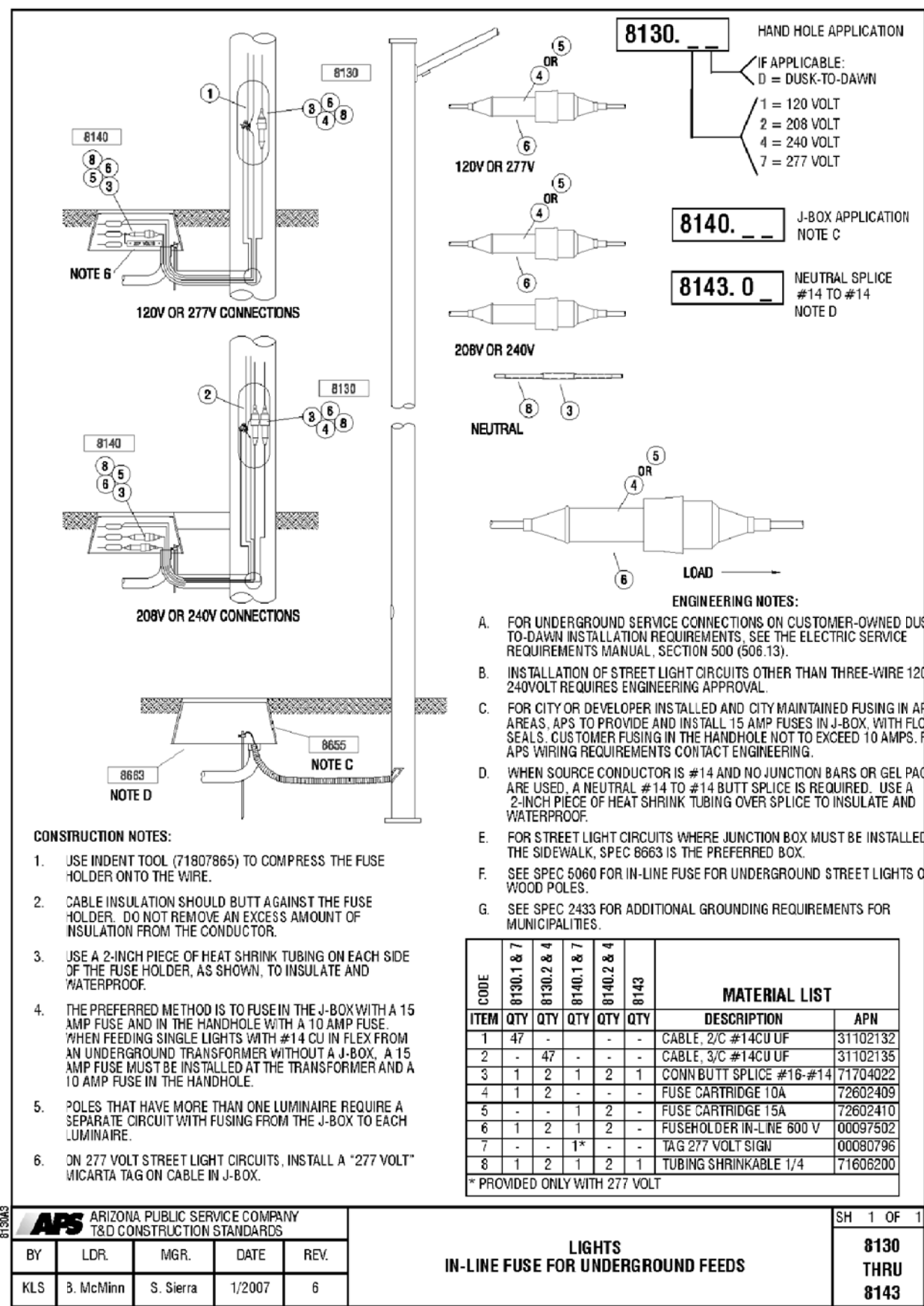
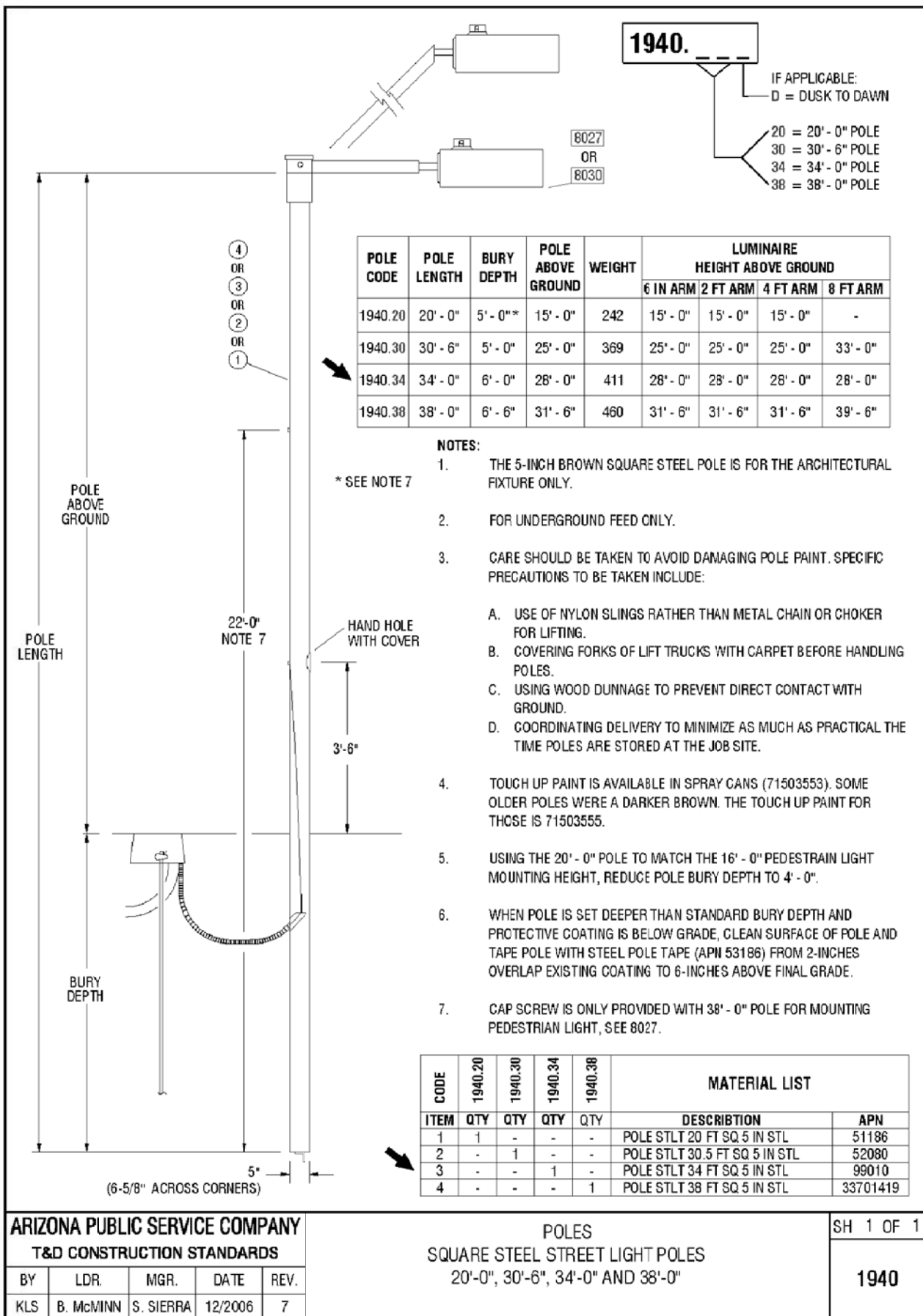
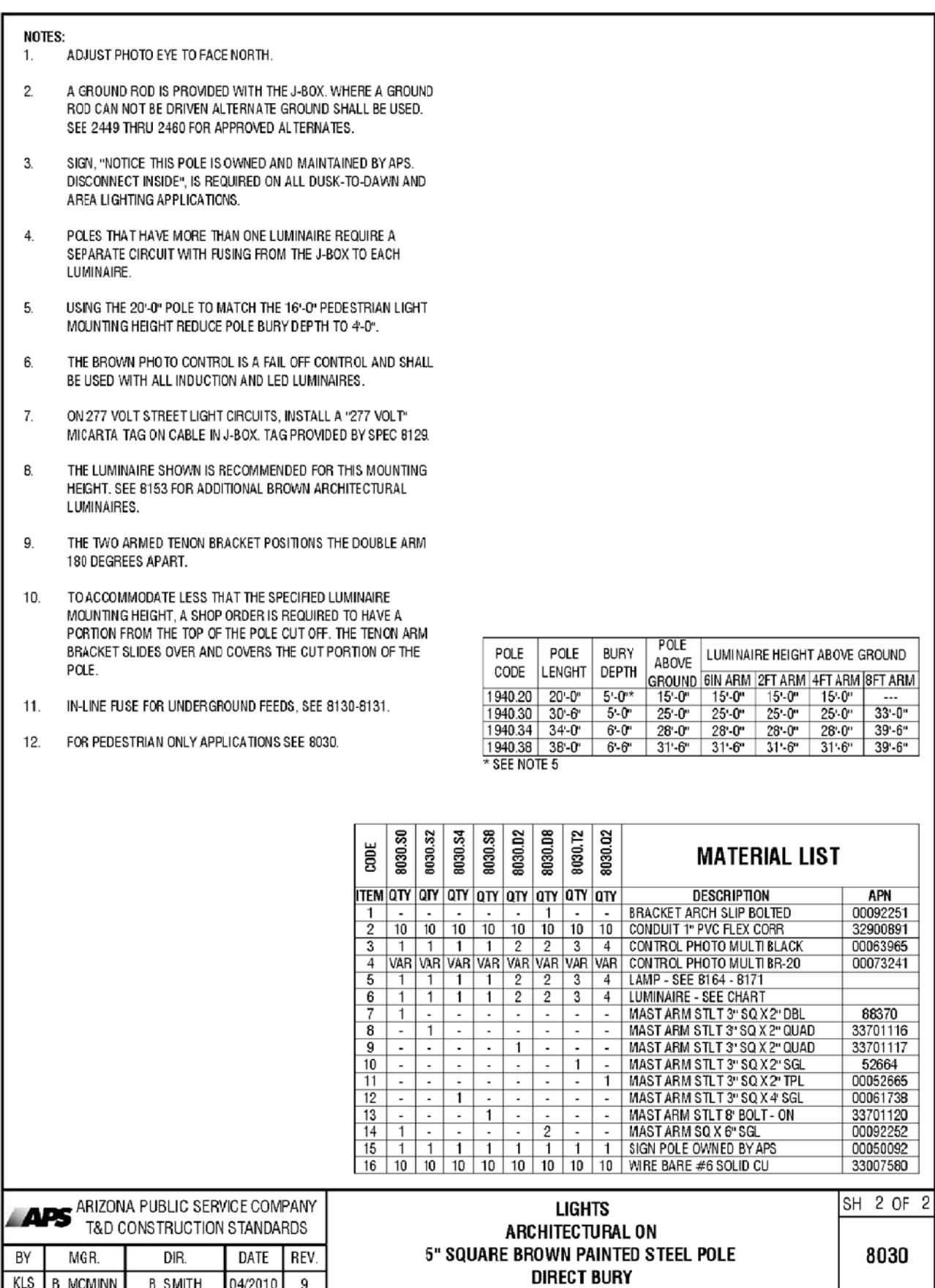
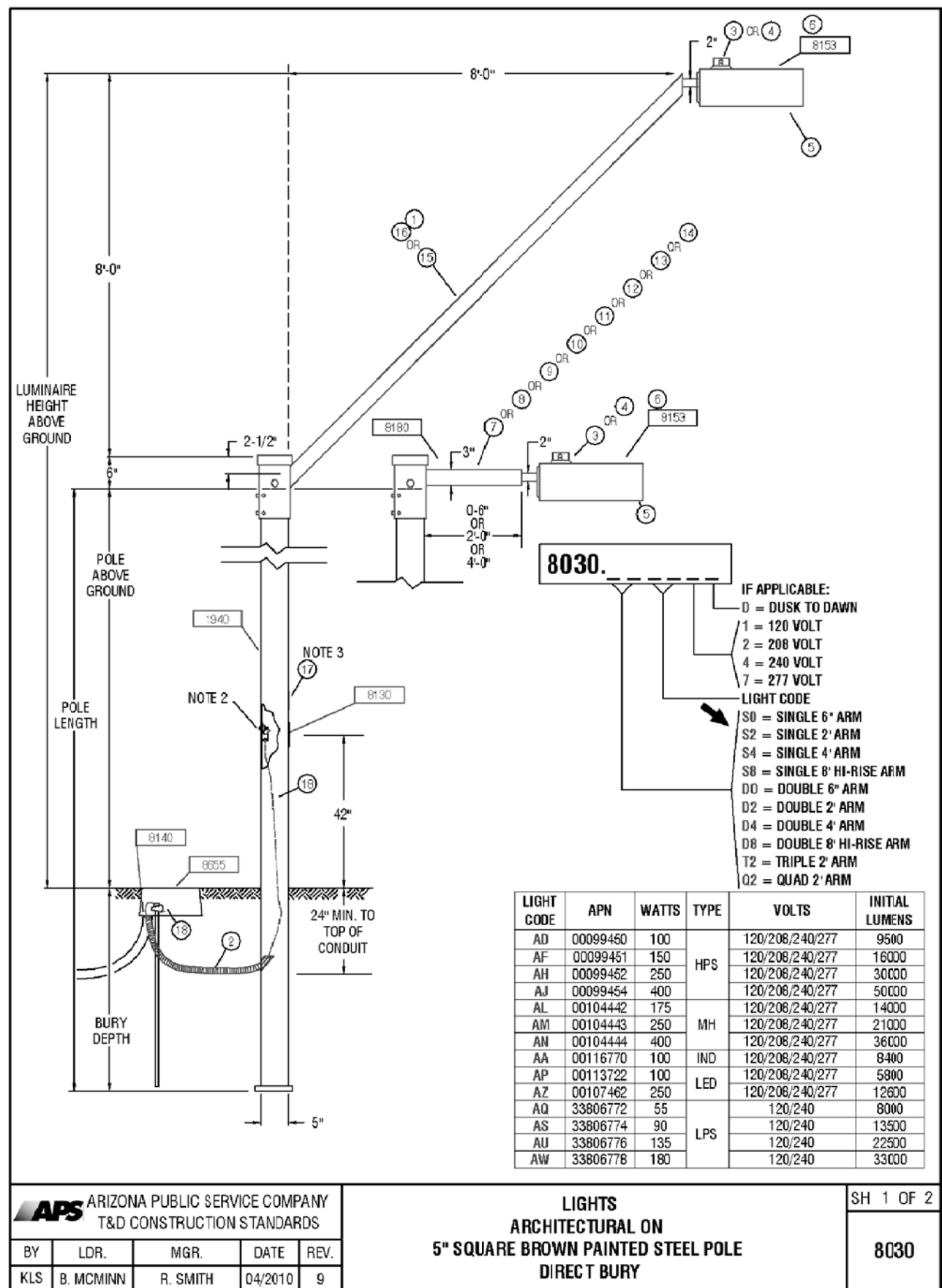
NOTE: ALL STREET LIGHTS TO BE 1' CLEAR OF SIDEWALKS



KEY NOTE	
①	INSTALL 41W, 3000K LED (4,800 LUMENS) BRONZE COBRAHEAD LUMINAIRE MOUNTED ON A 30'-6" DIRECT BURIED SQUARE STEEL POLE WITH A 2'-0" MAST ARM (25' MOUNTING HEIGHT). SEE APS STANDARD DETAIL 8030 AND APPLICABLE APS DETAILS ON SHEET SL4.

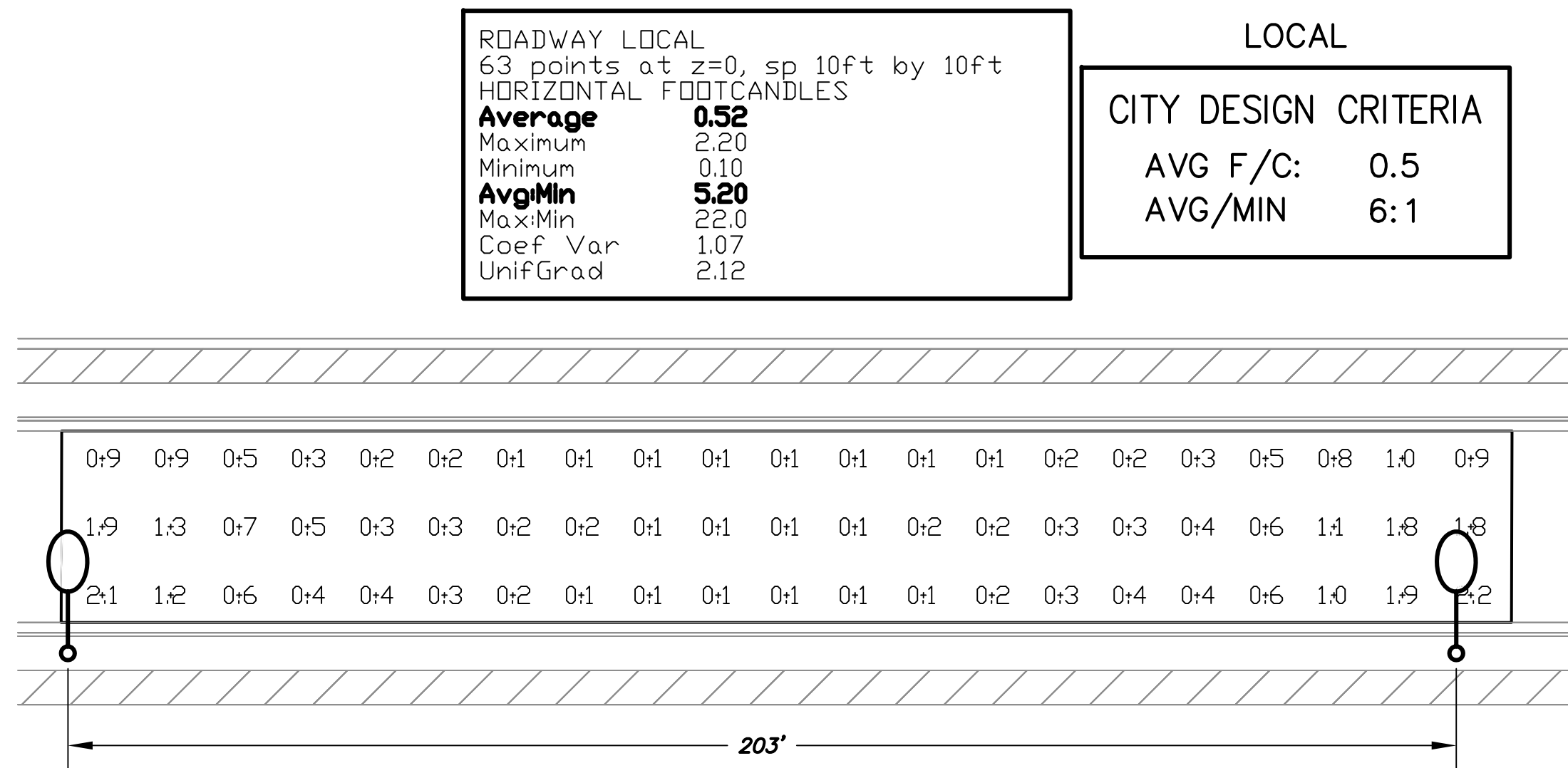


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PROJECT TITLE HOMESTEAD AT MARLEY PARK - PARCEL 4 SURPRISE, ARIZONA			
SHEET TITLE STREET LIGHTING PLAN VIEW - II			
DATE MAY 2018	DESIGNED: DAR	DWG No. SL3	SHEET 3 OF 4
SCALE AS SHOWN	DRAWN: BPR CHECKED: DAR	PROJ No. 18001	

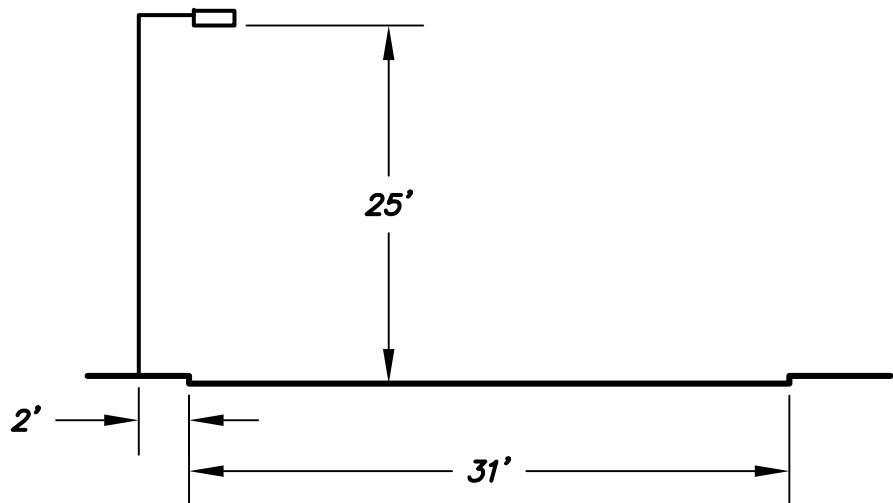


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PROJECT TITLE			
HOMESTEAD AT MARLEY PARK - PARCEL 4 SURPRISE, ARIZONA			
SHEET TITLE			
STREET LIGHTING DETAILS			
DATE	DESIGNED: DAR	DWG No.	SHEET
MAY 2018		SL4	4
SCALE	DRAWN: BPR	PROJ No.	OF
N/A	CHECKED: DAR	18001	4

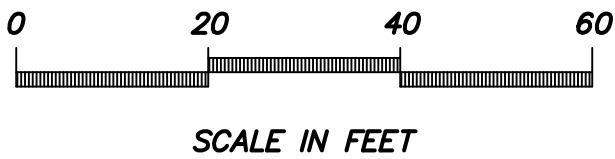
APS APPROVED LED STREET LIGHTS								
AS OF 3-15-18								
APN	LIGHT CODE	LAMP	WATTS	LUMENS	CCT	COLOR	G.E. MODEL NUMBER	IES CURVE NUMBER
141047	RL41	LED	32	3,800	3000K	DK BRONZE	ERL1004B130ADKBZGRX	ERL1_04B130-120-277V.IES
141048	RL41	LED	41	4,800	3000K	DK BRONZE	ERL1005E130ADKBZGRX	ERL1_05E130-120-277V.IES
141049	RL42	LED	88	8,200	3000K	DK BRONZE	ERL1008E130ADKBZGRX	ERL1_08E130.IES
141050	RL43	LED	108	11,100	3000K	DK BRONZE	ERLH011E130ADKBZGRX	ERLH_11E130.IES
141040	CL50	LED	32	3,800	3000K	GRAY	ERL1004B130AGRAYGRX	ERL1_04B130-120-277V.IES
141041	CL51	LED	41	4,800	3000K	GRAY	ERL1005E130AGRAYGRX	ERL1_05E130-120-277V.IES
141043	CL52	LED	88	8,200	3000K	GRAY	ERL1008E130AGRAYGRX	ERL1_08E130.IES
141045	CL53	LED	108	11,100	3000K	GRAY	ERLH011E130AGRAYGRX	ERLH_11E130.IES
128251	RL50	LED	32	3,900	4000K	DK BRONZE	ERL1004B140ADKBZGRX	ERL1_04B140-120-277V.IES
126804	RL51	LED	41	5,000	4000K	DK BRONZE	ERL1005E140ADKBZGRX	ERL1_05E140-120-277V.IES
126805	RL52	LED	88	8,500	4000K	DK BRONZE	ERL1008E140ADKBZGRX	ERL1_08E140.IES
	RL53	LED	108	11,500	4000K	DK BRONZE	ERLH011E140ADKBZGRX	ERLH_11E140.IES
128329	CL60	LED	32	3,900	4000K	GRAY	ERL1004B140AGRAYGRX	ERL1_04B140-120-277V.IES
128330	CL61	LED	41	5,000	4000K	GRAY	ERL1005E140AGRAYGRX	ERL1_05E140-120-277V.IES
128331	CL62	LED	88	8,500	4000K	GRAY	ERL1008E140AGRAYGRX	ERL1_08E140.IES
128332	CL63	LED	108	11,500	4000K	GRAY	ERLH011E140AGRAYGRX	ERLH_11E140.IES



WORST CASE SPACING FOR 31' WIDE ROADWAY
(LOCAL) (41W) (25' H)



LUMINAIRE INPUT DATA
GE Lighting Solutions
lamp(s): LED
candela file 'ERL1_05E130-120-277V.IES'
1 lamp(s) per luminaire, 4,800 initial lumens per lamp
Light Loss Factor = 0.9, watts per luminaire = 41
Outreach (from mounting axis to photometric center)= 30 in
mounting height= 25 ft



ALL PHOTOMETRIC CALCULATIONS ON THESE
PLANS REPRESENT ILLUMINANCE VALUES



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PROJECT TITLE

HOMESTEAD AT MARLEY PARK -
PARCEL 4 SURPRISE, ARIZONA

SHEET TITLE

ROADWAY PHOTOMETRIC
CALCULATIONS

DATE	DESIGNED: DAR	DWG No.	SHEET
MAY 2018		P1	1
SCALE	DRAWN: BPR	PROJ No.	OF
N/A	CHECKED: DAR	18001	1

HOMESTEAD AT MARLEY PARK PHASE 4 & 5

PARCEL 5

STREET LIGHT DESIGN

STREET LIGHTING REQUIREMENTS

5.00 GENERAL NOTES:

THE FOLLOWING INFORMATION IS PROVIDED TO EMPHASIZE CRITICAL WORK AND IS INTENDED TO SUPPLEMENT THE SPECIFICATIONS. SHOULD THERE BE A CONFLICT WITH THE SPECIFICATIONS, THIS DOCUMENT SHALL TAKE PRECEDENCE.

ALTERNATES SHALL BE PRE-APPROVED BY THE CITY ENGINEERING MANAGER. APPROVAL OF ALTERNATE PRODUCTS SHALL BE ON AN EQUAL BASIS WITH THE PRODUCT SPECIFIED AND SHALL BE SUBMITTED A MINIMUM OF TEN (10) DAYS PRIOR TO BID OPENING. STRUCTURAL CALCULATIONS SHALL BE FURNISHED FOR ALTERNATE PRODUCTS AND CERTIFIED BY A STRUCTURAL ENGINEER, REGISTERED IN THE STATE OF ARIZONA. LUMINAIRES AND LAMPS SHALL MEET OR EXCEED THE PHOTOMETRIC, ELECTRICAL, AND MECHANICAL REQUIREMENTS FOR THE SPECIFIED PRODUCTS.

THE CONTRACTOR SHALL COMPLY WITH STATE AND CITY STATUTES, AND MANUFACTURER'S RECOMMENDATIONS.

THE SUBMITTAL PACKAGE SHALL CONSIST OF THREE (3) COPIES OF EQUIPMENT/MATERIAL TO BE INSTALLED AND SHALL BE BOUND/STAPLED IN A FOLDER AND SUBMITTED AT THE TIME OF PERMIT APPLICATION.

PRIOR TO SUBMITTING A PROPOSAL, THE BIDDER SHALL EXAMINE ALL GENERAL CONSTRUCTION DRAWINGS AND VISIT THE CONSTRUCTION SITE TO BECOME FAMILIAR WITH EXISTING CONDITIONS UNDER WHICH HE WILL OPERATE AND WHICH WILL IN ANY WAY AFFECT THE WORK UNDER THE CONTRACT. NO SUBSEQUENT ALLOWANCE WILL BE MADE IN THIS CONNECTION IN THE BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLIGENCE ON HIS PART.

PRIOR TO ORDERING ANY MATERIALS OR DOING ANY WORK, THE CONTRACTOR SHOULD VERIFY DIMENSIONS AT THE SITE. IMMEDIATELY REPORT DIFFERENCES TO THE ENGINEERING MGR. AND SHOULD NOT PROCEED WITH WORK UNTIL THE ENGINEERING MGR. RENDERS A DECISION. NO EXTRA CHARGES OR COMPENSATION WILL BE ALLOWED FOR DIFFERENCES IN ACTUAL DIMENSIONS AND DIMENSIONS INDICATED ON THE DRAWINGS.

5.01 GENERAL:

THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH ALL LICENSING REQUIREMENTS SET FORTH BY THE STATE REGISTRAR OF CONTRACTORS OFFICE TO PERFORM WORK RELATING TO STREET LIGHT INSTALLATION IN THE CITY RIGHT-OF-WAY.

ONE PROJECT UNDERGROUND UTILITIES (RIGHT OF WAY) PERMIT AND ONE STREETLIGHT PERMIT FOR EACH STREET LIGHT POLE SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

5.02 WORKING / "AS BUILT" PLANS:

ACCEPTANCE OF THE COMPLETED IMPROVEMENTS WILL NOT BE GIVEN UNTIL 4 MIL PHOTO MYLAR REPRODUCIBLE "AS BUILT" PLANS HAVE BEEN SUBMITTED TO AND APPROVED BY THE CITY ENGINEER.

5.03 LIGHT POLES:

LIGHT POLES SHALL BE INSTALLED PLUMB, BE ADJUSTED TO PROVIDE PROPER ALIGNMENT TO THE ROADWAY BEING LIGHTED AND BE PROPERLY GROUNDED WHEN THE INSTALLATION IS COMPLETE.

5.04 EMBEDMENT:

DIRECT BURIED POLES SHALL BE SET IN A TWELVE (12) INCH AUGURED HOLE DEPTH AS SPECIFIED IN UNDISTURBED EARTH. POLE SHALL BE SET PLUMB IN TWO DIRECTIONS 90 DEGREES APART. HAND TAMPING OF ABC BACKFILL WITH PNEUMATIC OR VIBRATING EQUIPMENT IS THE ACCEPTABLE METHOD OF COMPACTION. BACKFILL SHALL BE COMPACTED TO 85% OF MAXIMUM DENSITY AS DEFINED BY ASTM D-2922 AND D-3017. A GROUND ROD SHALL BE INSTALLED ADJACENT TO PULL BOX IN UNDISTURBED SOIL AND A LEAD IN COPPER BOND WIRE (#6) SHALL BE INSTALLED IN 1" CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT (OR EQUAL) FOR POLE GROUNDING.

SURPLUS EXCAVATION SHALL BE DISPOSED OF BY THE CONTRACTOR.

5.05 LUMINAIRES:

LUMINAIRES SHALL BE INSTALLED LEVEL AND INCLUDE A LAMP AND PHOTOCCELL. CONTRACTOR SHALL ASSURE THAT THE LUMINAIRES SHALL BE FREE OF DUST, DIRT OR ANYTHING THAT WOULD IMPAIR THE OUTPUT OF THE LIGHT BEFORE HE LEAVES THE SITE.

LUMINAIRES FURNISHED WITH MULTI-TAP BALLASTS SHALL BE REWIRED OR RECONNECTED TO MATCH THE VOLTAGE SUPPLIED BY THE ELECTRIC UTILITY COMPANY.

5.06 WIRING:

WIRING SHALL BE INSTALLED PER UTILITY STANDARDS.

5.07 GROUNDING:

EACH POLE SHALL HAVE A 8' x 5/8" COPPER CLAD GROUND ROD DRIVEN ADJACENT TO PULL BOX. A #6 BARE COPPER LEAD FROM THE GROUND ROD IN PULL BOX TO LANDING LUG IN STREET LIGHT POLE HAND HOLE.

5.08 PULL BOXES:

EXCAVATION FOR PULL BOXES AND MATERIAL SPECIFICATION SHALL BE PER THE ELECTRIC UTILITY COMPANY STANDARDS.

5.09 TRENCH

TRENCH SHALL BE INSTALLED PER THE UTILITY COMPANY STANDARDS.

THE USE OF A COMMON ELECTRIC UTILITY COMPANY TRENCH IS PERMITTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE UTILITY COMPANY FOR COORDINATION OF TRENCHING AND THE INSTALLATION OF CONDUIT.

CONDUIT SHALL BE INSTALLED AT THE DEPTH SPECIFIED ON THE PLANS. CONDUIT SHALL BE 1 INCH CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT OR EQUAL. CONDUIT MUST BE UL RATED AND SUITABLE FOR UNDERGROUND USE.

CONNECTIONS SHALL BE PER UTILITY STANDARDS.

5.12 LIGHT POLE IDENTIFICATION:

THE CONTRACTOR SHALL FURNISH AND INSTALL A NUMBER ON EACH LIGHT POLE. STREET LIGHT POLE IDENTIFICATION AND SPECIFICATIONS WILL BE PROVIDED BY THE CITY OF SURPRISE.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO RESTORE ALL PROPERTY, LANDSCAPING, PAVING AND DRIVEWAYS THAT ARE DISTURBED DURING STREET LIGHT CONSTRUCTION TO THEIR ORIGINAL CONDITION IN CONFORMANCE WITH "MAG" SPECIFICATION SECTION 107.9.

THE DEVELOPER SHALL BE RESPONSIBLE FOR FURNISHING ALL PERSONNEL AND EQUIPMENT TO SUCCESSFULLY PERFORM THE FOLLOWING TEST.

PRIOR TO ACCEPTANCE, THE DEVELOPER SHALL ENERGIZE AND OPERATE THE ENTIRE ROADWAY LIGHTING SYSTEM, FROM SUNSET TO SUNRISE FOR TWO CONSECUTIVE DAYS WITHOUT INTERRUPTION OR FAILURE. IF A LAMP OR BALLAST SHOULD FAIL, IT SHALL BE IMMEDIATELY REPLACED.

THE CONTRACTOR SHALL GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE ENGINEERING MANAGER, AGAINST IMPERFECT WORKMANSHIP, FAILURE, MALFUNCTION OF MATERIALS AND/OR EQUIPMENT DUE TO FAULTY OR IMPERFECT WORKMANSHIP. THIS GUARANTEE IS TO BE IN WRITING TO THE CITY AT THE TIME OF ISSUING FINAL ACCEPTANCE. WORK FOUND TO BE DEFECTIVE WITHIN THE WARRANTY PERIOD SHALL BE REPLACED WITHOUT COST TO THE CITY.

GENERAL ENGINEERING NOTES:

- ALL CONSTRUCTION MUST CONFORM TO MARICOPA ASSOCIATION OF GOVERNMENT (MAG) SPECIFICATIONS AND DETAILS AND LATEST REVISIONS UNLESS OTHERWISE STATED ON PLANS.
- THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND THEY WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL OVERHEAD AND UNDERGROUND UTILITY LOCATIONS WHERE CONSTRUCTION OCCURS. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT ALL UTILITIES ARE AVOIDED. UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND NOT FOR CONSTRUCTION PURPOSES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AND OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT ARIZONA UNDERGROUND FACILITIES LAWS (ARIZONA REVISED STATUTES TITLE 40, CHAPTER 2, ARTICLE 6.3, SECTION 40-360.21-32). CALL ARIZONA 811 FOR FIELD LOCATION BY DIAL 811.
- THE CITY OF SURPRISE ENGINEERING SERVICES OF PUBLIC WORKS SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK AT 623-222-6150.
- THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION OR VARIANCE FROM THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE PROPOSED AND RESUBMITTED FOR REVIEW AND APPROVAL.
- THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE DRAWING, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE. EXISTING SURFACE FEATURES AND FENCING SHALL BE REPLACED IN KIND.
- ANY INSPECTION BY THE CITY, COUNTY, OR THE ENGINEER, SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE APPLICABLE CODES AND AGENCY REQUIREMENTS.
- THE CONTRACTOR IS TO LOCATE ALL EXISTING LANDSCAPING, LANDSCAPING IRRIGATION LINES, PROPERTY MONUMENTS, FENCING OR SURFACE FEATURES PRIOR TO CONSTRUCTION. ANYTHING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
- NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
- ALL CONSTRUCTION WATER USED WITHIN THE CITY OF SURPRISE WATER SERVICE AREA REQUIRES APPROVAL BY THE CITY OF SURPRISE PUBLIC WORKS DEPARTMENT AND MAY BE SUBJECT TO VOLUME AND TIME RESTRICTIONS. PLEASE SEE THE CITY OF SURPRISE CONSTRUCTION WATER GUIDELINES FOR ADDITIONAL INFORMATION. THE GUIDELINES CAN BE OBTAINED FROM THE PUBLIC WORKS DEPARTMENT AT 623-222-6000.
- TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH MAG SPECIFICATION 401, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND THE "TEMPORARY WORK ZONE TRAFFIC MANAGEMENT POLICY" (LATEST EDITION).
- PRIOR TO FINAL APPROVAL AND ACCEPTANCE OF THE WORK, THE DEVELOPER/CONTRACTOR WILL BE REQUIRED TO CLEAN AND REPAIR ADJACENT (OFF-PROJECT) ROADWAYS USED OR DAMAGED DURING THE COURSE OF CONSTRUCTION.
- EMERGENCY VEHICLE ACCESS (E.V.A.) MUST BE PROVIDED BY THE DEVELOPER/CONTRACTOR THROUGHOUT THE PROJECT SITE. E.V.A. ROADS AND SIGNAGE SHALL BE MAINTAINED BY THE DEVELOPER/CONTRACTOR AT ALL TIMES. SIGNAGE SHALL BE POSTED AT THE POINT OF ENTRY TO THE SITE AND AT ALL LOCATIONS WHERE A CHANGE IN DIRECTION OCCURS.
- THE PLANS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT'S ACCESSIBILITY GUIDELINES, AS PUBLISHED IN THE FEDERAL REGISTER ON SEPTEMBER 15, 2010.

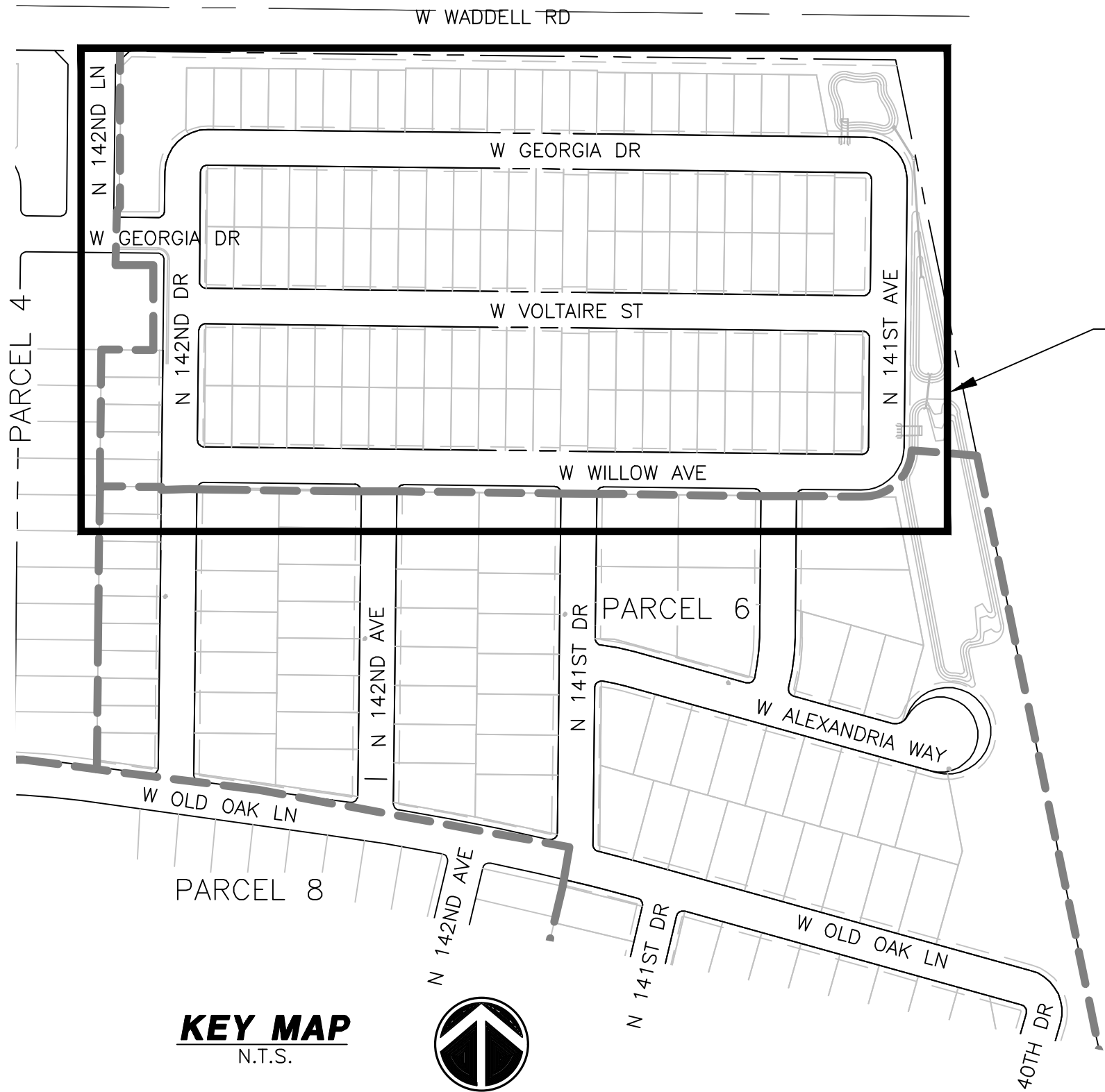
UTILITIES WITHIN OR AFFECTED BY THE PROJECT		
UTILITY CONTACT	DATE SUBMITTED	
ARIZONA PUBLIC SERVICE	4/06/2018	
CENTURY LINK	4/06/2018	
COX COMMUNICATIONS	4/06/2018	
COS WATER	4/06/2018	
SOUTHWEST GAS	4/06/2018	

NOTE

THE ELECTRICAL/MAINTENANCE COSTS OF ALL STREET LIGHTS ON LOCAL AND COLLECTOR STREETS ARE TO BE PAID BY THE ADJACENT PROJECT OR THE ADJACENT DEVELOPMENT'S STREET LIGHT IMPROVEMENT DISTRICT (SLID). THE ELECTRICAL / MAINTENANCE COSTS OF ALL STREET LIGHTS ON ARTERIAL STREETS ARE TO BE BILLED TO THE CITY OF SURPRISE'S ENERGY BILL.

LED NOTE

LED TECHNOLOGY IS CHANGING RAPIDLY. THE FIXTURES SHOWN ON THESE PLANS MAY NOT BE APPLICABLE AT TIME OF CONSTRUCTION. CONTRACTOR TO COORDINATE WITH APS AND UTILIZE THEIR CURRENT SPECIFICATION AT THE TIME OF BIDDING AND CONSTRUCTION.



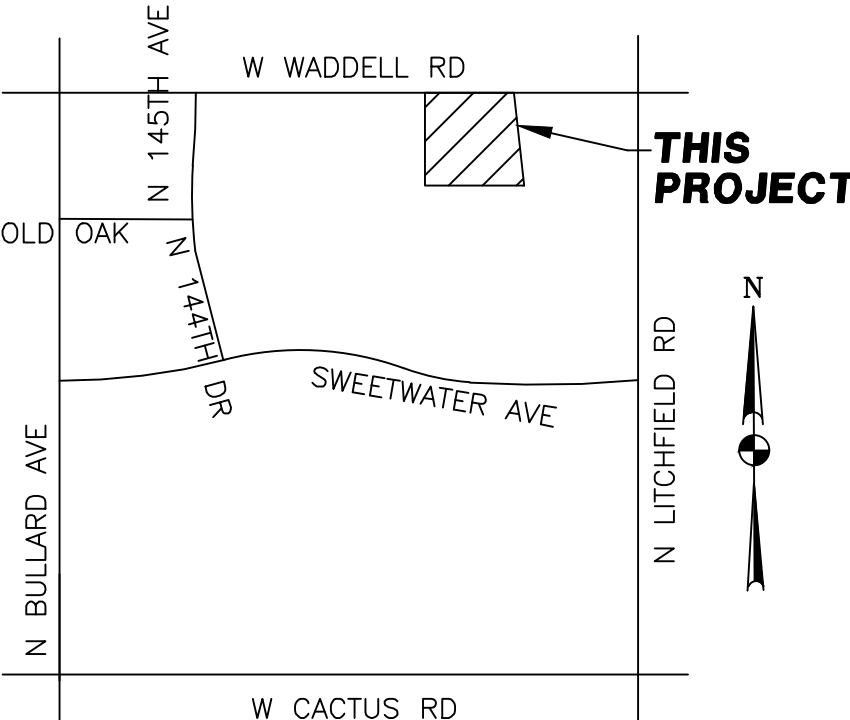
CITY OF SURPRISE APPROVAL

THIS SET OF PLANS HAS BEEN REVIEWED FOR COMPLIANCE WITH CITY REQUIREMENTS PRIOR TO ISSUANCE OF PERMITS. THE CITY NEITHER ACCEPTS NOR ASSUMES ANY LIABILITY FOR ERRORS OR OMISSIONS. THIS COMPLIANCE APPROVAL SHALL NOT PREVENT THE CITY ENGINEER FROM REQUIRING CORRECTIONS OF ERRORS OR OMISSIONS IN PLANS FOUND TO BE IN VIOLATION OF LAW OR ORDINANCES.

CITY OF SURPRISE ENGINEER

DATE

STREET LIGHTING (APS AREA)															
KEY NO.	SYMBOL	STREET TYPE	OFFSET BEHIND B/C	QUANTITY	POLE		MAST ARM	LUMINAIRE						APS STANDARD CODE NO.	
					POLE HEIGHT	FOUNDATION		SIZE	MOUNTING HEIGHT	LUMENS	WATTAGE	I.E.S. DIST.	VOLTAGE		TYPE
①		LOCAL	PER PLANS	20	38'-0"	DIRECT BURY	2'-0"	31'-6"	4,800	41 W	TYPE II	*	LED	ARCHITECTURAL (SHOEBOX)	8030.S2.RL43
②		LOCAL	PER PLANS	2	38'-0"	DIRECT BURY	2'-0"	31'-6"	8,200	88 W	TYPE II	*	LED	ARCHITECTURAL (SHOEBOX)	8030.S2.RL43



VICINITY MAP
N.T.S.

SHEET INDEX

COVER SHEET	SL1
STREET LIGHT PLAN	SL2
STREET LIGHT DETAILS & PHOTOMETRICS	SL3
PHOTOMETRICS	SL4

CIVIL ENGINEER
EPS GROUP, INC.
2045 S. VINEYARD, SUITE 101
MESA, AZ 85210
PHONE: (480) 503-2250
CONTACT: JOHN MCGHEE, P.E.

OWNER
MERITAGE HOMES
8800 E RAINTREE DR, SUITE 300
SCOTTSDALE, AZ 85260
PHONE: (480) 515-8251
CONTACT: JASON JARVIS

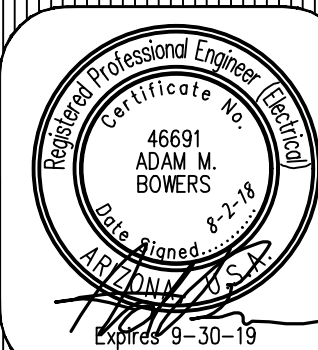
WRIGHT ENGINEERING
PROJECT NO:
18053-02
DESIGN BY: JKS
DRAWN BY: JKS
CHECKED BY: AMB

WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:

SURPRISE, ARIZONA
HOMESTEAD AT MARLEY PARK
PHASE 4 & 5 - PARCEL 5
STREET LIGHT COVER SHEET

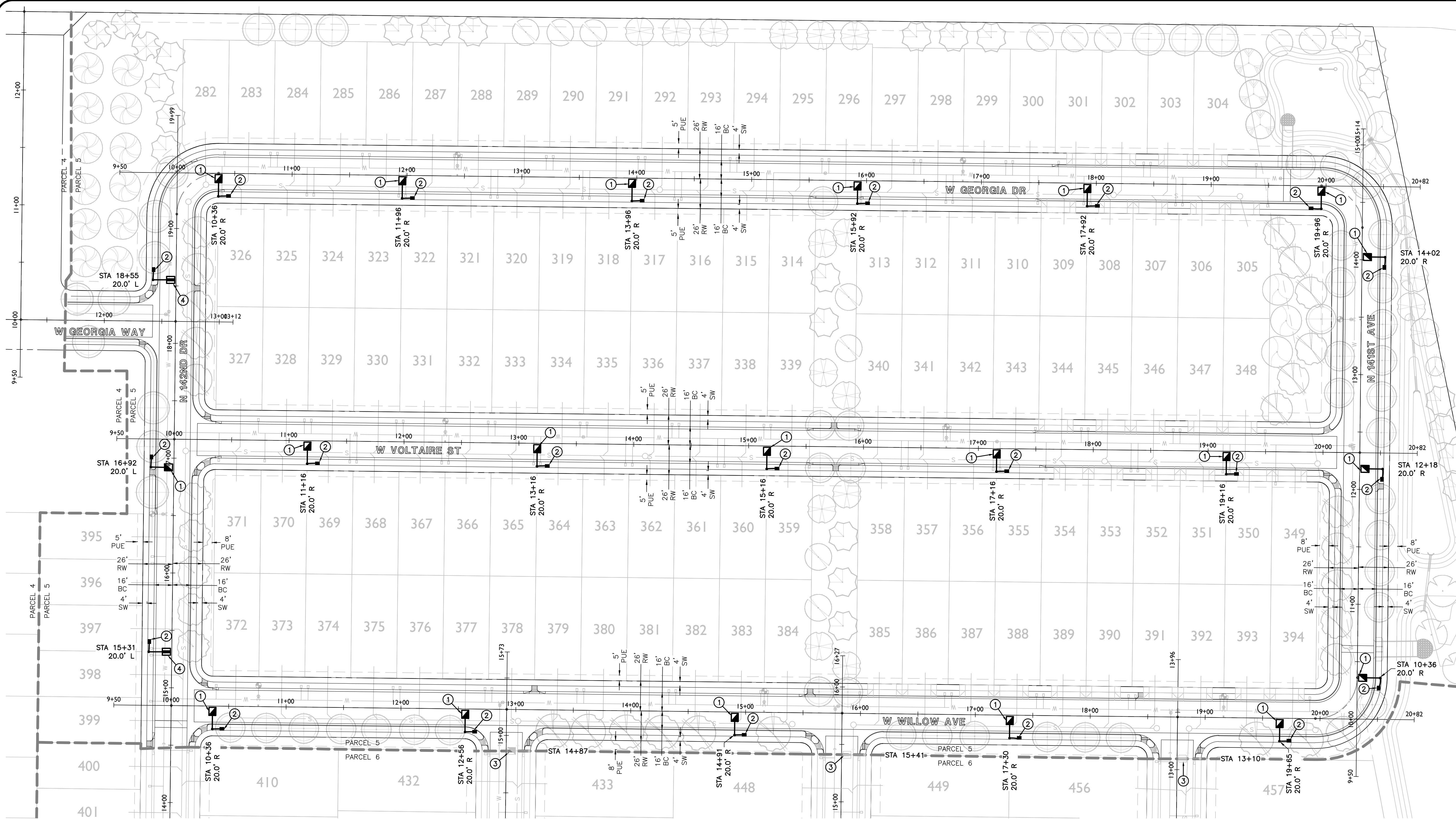
NO.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
1	MAY 2018	1ST SUBMITTAL
2	JUL 2018	2ND SUBMITTAL
3	AUG 2018	3RD SUBMITTAL



DRAWING NO:
SL1
OF 4



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CONSTRUCTION NOTES

- (1) 41W LED (4,800 LUMEN) FIXTURE (LIGHT CODE RL41) WITH PHOTOELECTRIC CONTROL ON A 38'-0" DIRECT BURIED POLE (1940.38) WITH A 2" MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL3). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.
- INSTALL APS PULL BOX NEXT TO POLE. INSTALL 1" CONDUIT WITH (2) #14 TYPE THHN/THWN AND (1) #14 BARE BOND FROM PULL BOX TO FUSE HOLDER IN STREET LIGHT PER APS DETAILS AND SPECIFICATIONS.
- STREET LIGHT TO BE INSTALLED PER SEPARATE PLAN SET. SHOWN FOR REFERENCE ONLY.
- (1) 88W LED (8,200 LUMEN) FIXTURE (LIGHT CODE RL42) WITH PHOTOELECTRIC CONTROL ON A 38'-0" DIRECT BURIED POLE (1940.38) WITH A 2" MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL3). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.

LEGEND

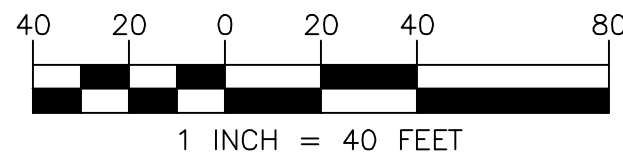
- 41W LED SHOEBOX STREET LIGHT
- 88W LED SHOEBOX STREET LIGHT
- STREET LIGHT PER SEPARATE PLAN
- STREET LIGHT PER SEPARATE PLAN
- FUTURE STREET LIGHT
- PULL BOX
- NEW CONDUIT RUN
- FIRE HYDRANT

ROADWAY SCALEABLE LED 3000K

LIGHT CODE	COLOR	APN	WATTS	VOLTS	INITIAL LUMENS	PHOTOMETRIC CURVE
RL40		00141047	32	120/208/240/277	3,800	ERL1_04B130_120-277VIES
RL41		00141048	41	120/208/240/277	4,800	ERL1_05E130_120-277VIES
RL42	DKBZ	00141049	88	120/208/240/277	8,200	ERL1_08E130_120-277VIES
RL43		00141050	108	120/208/240/277	11,000	ERS1_11E130_120-277VIES
RL44		00141051	162	120/208/240/277	19,000	ERS2_19E130_120-277VIES



GRAPHIC SCALE



ARIZONA BLUE STAKE
CALL TWO WORKING DAYS
BEFORE YOU DIG
Dial 811 or
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

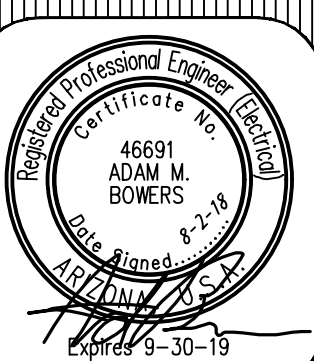
WRIGHT ENGINEERING
PROJECT NO:
18053-02
DESIGN BY: JKS
DRAWN BY: JKS
CHECKED BY: AMB

WRIGHT
engineering corporation
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165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:

SURPRISE, ARIZONA
HOMESTEAD AT MARLEY PARK
PHASE 4 & 5 - PARCEL 5
STREET LIGHT PLAN

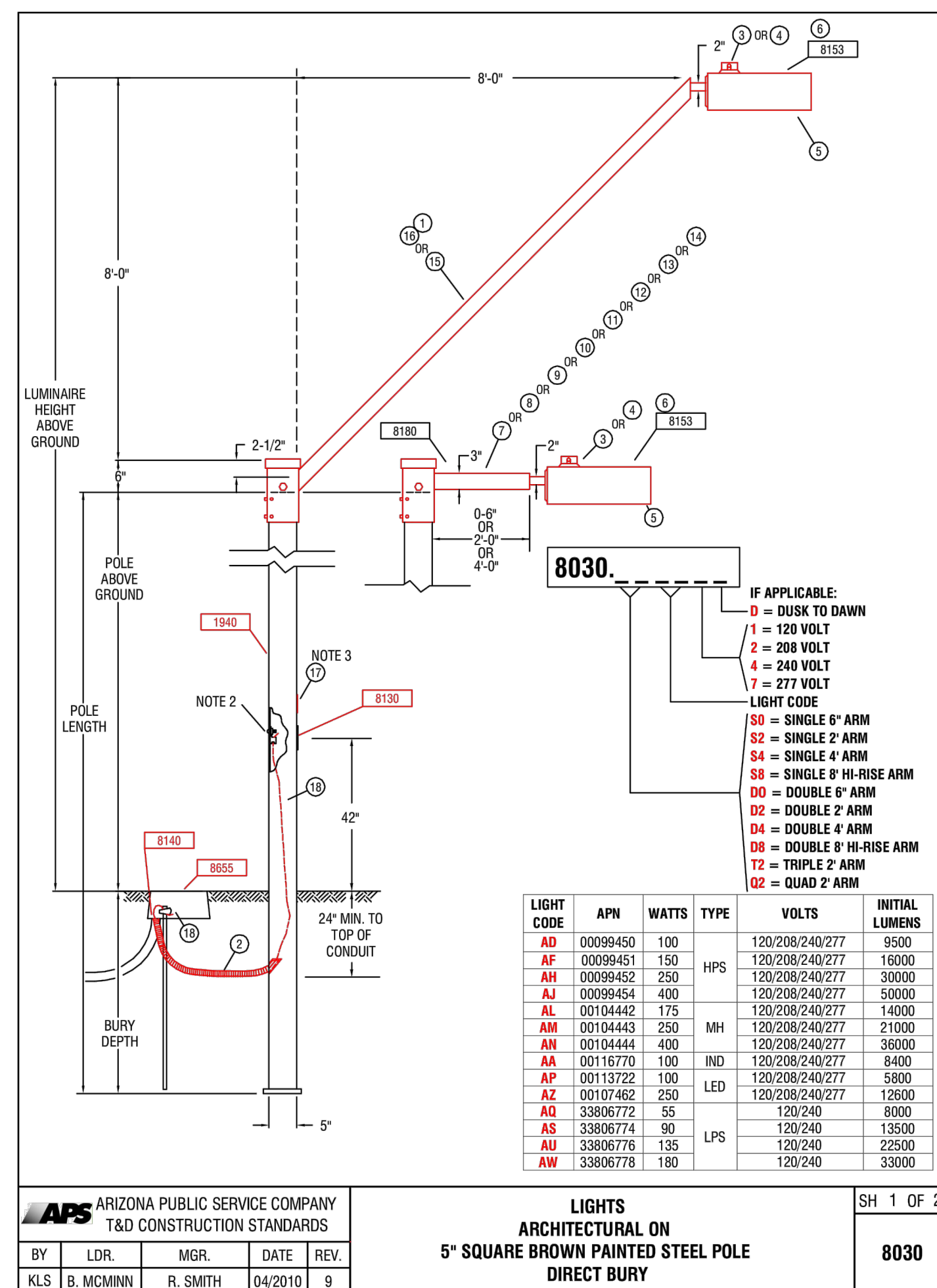
NO.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
1	MAY 2018	1ST SUBMITTAL
2	JUL 2018	2ND SUBMITTAL
3	AUG 2018	3RD SUBMITTAL



DRAWING NO:
SL2
OF 4

H:\2018\18053-Morley Park Phase 4&5\18053-Parcel 5-SLDwg

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1. ADJUST PHOTO EYE TO FACE NORTH.
2. A GROUND ROD IS PROVIDED WITH THE J-BOX. WHERE A GROUND ROD CAN NOT BE DRIVEN ALTERNATE GROUND SHALL BE USED. SEE 2440 THRU 2460 FOR APPROVED ALTERNATES.
3. SIGN, NOTICE THIS POLE IS OWNED AND MAINTAINED BY APS. DISCONNECT INSIDE, IS REQUIRED ON ALL DUSK-TO-DAWN AND AREA LIGHTING APPLICATIONS.
4. POLES THAT HAVE MORE THAN ONE LUMINAIRE REQUIRE A SEPARATE CIRCUIT WITH FUSING FROM THE J-BOX TO EACH LUMINAIRE.
5. USING THE 20'-0" POLE TO MATCH THE 16'-0" PEDESTRIAN LIGHT MOUNTING HEIGHT POLE BURY DEPTH TO 4'-0".
6. THE BROWN PHOTO CONTROL IS A FAIL OFF CONTROL, AND SHALL BE USED WITH ALL INDUCTION AND LED LUMINAIRES.
7. ON 277 VOLT STREET LIGHT CIRCUITS, INSTALL A "277 VOLT" MCARTIA TAG ON CABLE IN J-BOX. TAG PROVIDED BY SPEC 8129.
8. THE LUMINAIRE SHADOW IS RECOMMENDED FOR THIS MOUNTING HEIGHT. SEE 8153 FOR ADDITIONAL BROWN ARCHITECTURAL LUMINAIRES.
9. THE TWO ARMED TERN BRACKET POSITIONS THE DOUBLE ARM 180 DEGREES APART.
10. TO ACCOMMODATE LESS THAN THE SPECIFIED LUMINAIRE MOUNTING HEIGHT, A SHOP ORDER IS REQUIRED TO HAVE A PORTION FROM THE TOP OF THE POLE CUT OFF. THE TERN ARM BRACKET SLIDES OVER AND COVERS THE CUT PORTION OF THE POLE.
11. IN-LINE FUSE FOR UNDERGROUND FEEDS, SEE 8130-8131.
12. FOR PEDESTRIAN ONLY APPLICATIONS SEE 8030.

POLE CODE	POLE LENGTH	BURY DEPTH	POLE ABOVE GROUND	LUMINAIRE HEIGHT ABOVE GROUND			
				6IN ARM	2FT ARM	4FT ARM	8FT ARM
1940.20	20'-0"	5'-0"	15'-0"	15'-0"	15'-0"	15'-0"	---
1940.30	30'-6"	5'-0"	25'-0"	25'-0"	25'-0"	25'-0"	33'-0"
1940.34	34'-0"	6'-0"	28'-0"	28'-0"	28'-0"	28'-0"	39'-6"
1940.38	38'-0"	6'-6"	31'-6"	31'-6"	31'-6"	31'-6"	39'-6"

* SEE NOTE 5

CODE	8603.89	8603.92	8603.94	8603.96	8603.99	8604.02	8604.04	8604.12	8604.17	MATERIAL LIST	
ITEM	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	DESCRIPTION	APN
1	-	-	-	-	-	-	-	-	-	BRACKET ARCH SUP PULLED	00062571
2	10	10	10	10	10	10	10	10	10	CONDUIT 1" PVC FLEX COLOR	33904891
3	1	1	1	1	2	2	2	3	4	CONDUT PHOT MULLI BLACK	00063965
4	VAR	VAR	VAR	VAR	VAR	VAR	VAR	VAR	VAR	CONDUT PHOTO MULLI BR-20	00073241
5	1	1	1	1	1	1	1	1	1	LAMP SEE #171	-
6	-	-	-	-	-	-	-	-	-	LUMINAIRE - SEE CHART	-
7	1	-	-	-	-	-	-	-	-	MAST ARM STL'T 3' SQ X 8' S/L	86570
8	1	-	-	-	-	-	-	-	-	MAST ARM STL'T 3' SQ X 8' OBL	0071154
9	1	-	-	-	-	-	-	-	-	MAST ARM STL'T 3' SQ X 2' S/L	33701116
10	1	-	-	-	-	-	-	-	-	MAST ARM STL'T 3' SQ X 2' OBL	00051161
11	-	-	-	-	-	-	-	-	-	MAST ARM STL'T 3' SQ X 2' TPL	5264
12	-	-	-	-	-	-	-	-	-	MAST ARM STL'T 3' SQ X 2' QUAD	00076675
13	-	-	-	-	-	-	-	-	-	MAST ARM STL'T 3' SQ X 8' S/L	00061738
14	-	-	-	-	-	-	-	-	-	MAST ARM STL'T 3' SQ X 8' OBL	00073267
15	-	-	-	-	-	-	-	-	-	MAST ARM STL'T 3' SQ X 8' S/L	33701120
16	-	-	-	-	-	-	-	-	-	MAST ARM STL'T 3' BOLT ON	00062252
17	-	-	-	-	-	-	-	-	-	SIGN POLY OWNED BY APN	00500491
18	10	10	10	10	10	10	10	10	10	CURE BAND #8	33027580

 ARIZONA PUBLIC SERVICE COMPANY T&D CONSTRUCTION STANDARDS					LIGHTS ARCHITECTURAL ON 5" SQUARE BROWN PAINTED STEEL POLE DIRECT BURY		SH 2 OF 2
BY	LDR.	MGR.	DATE	REV.			8030
KLS	B. MCMINN	R. SMITH	04/2010	9			

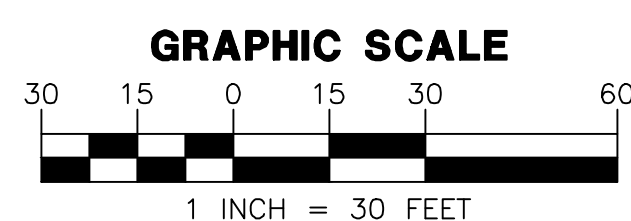
WORST CASE PHOTOMETRICS FOR MAXIMUM SPACING

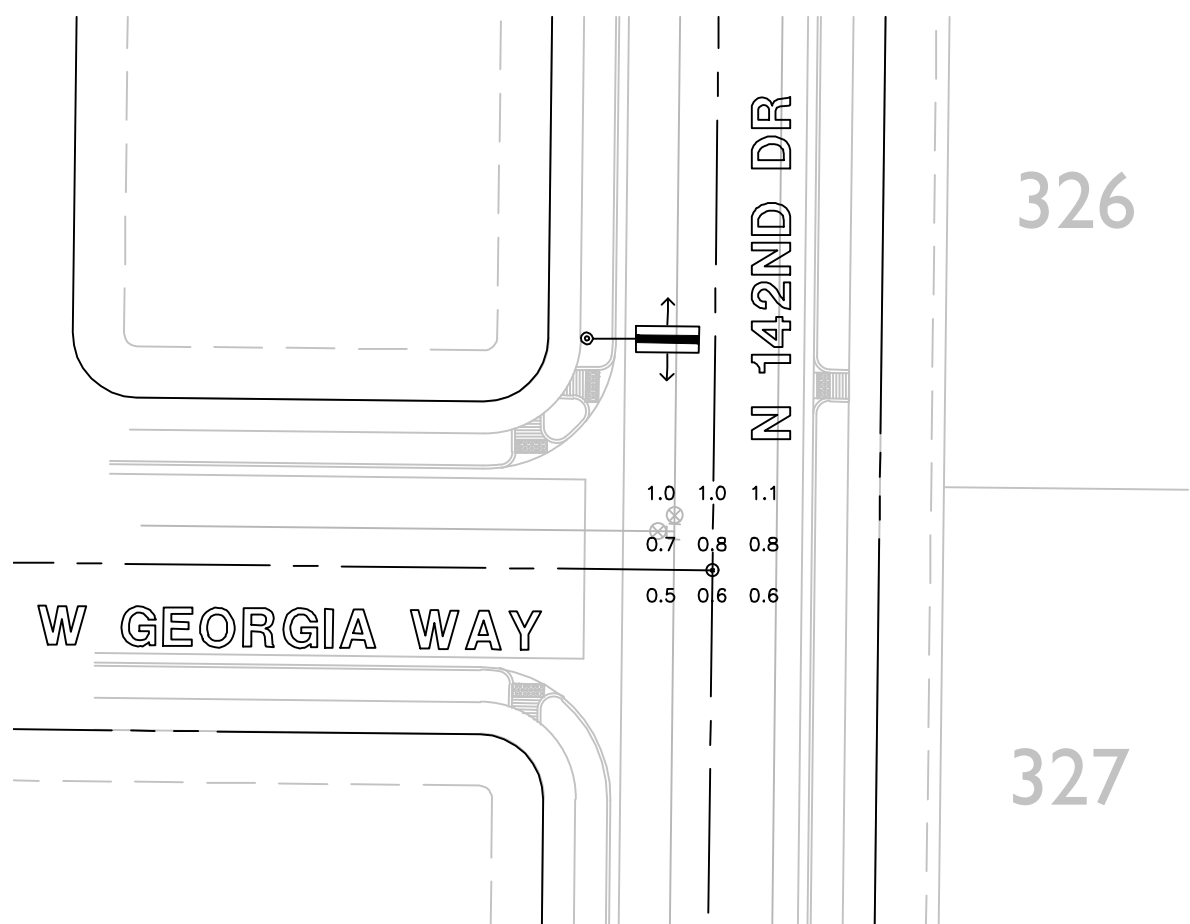


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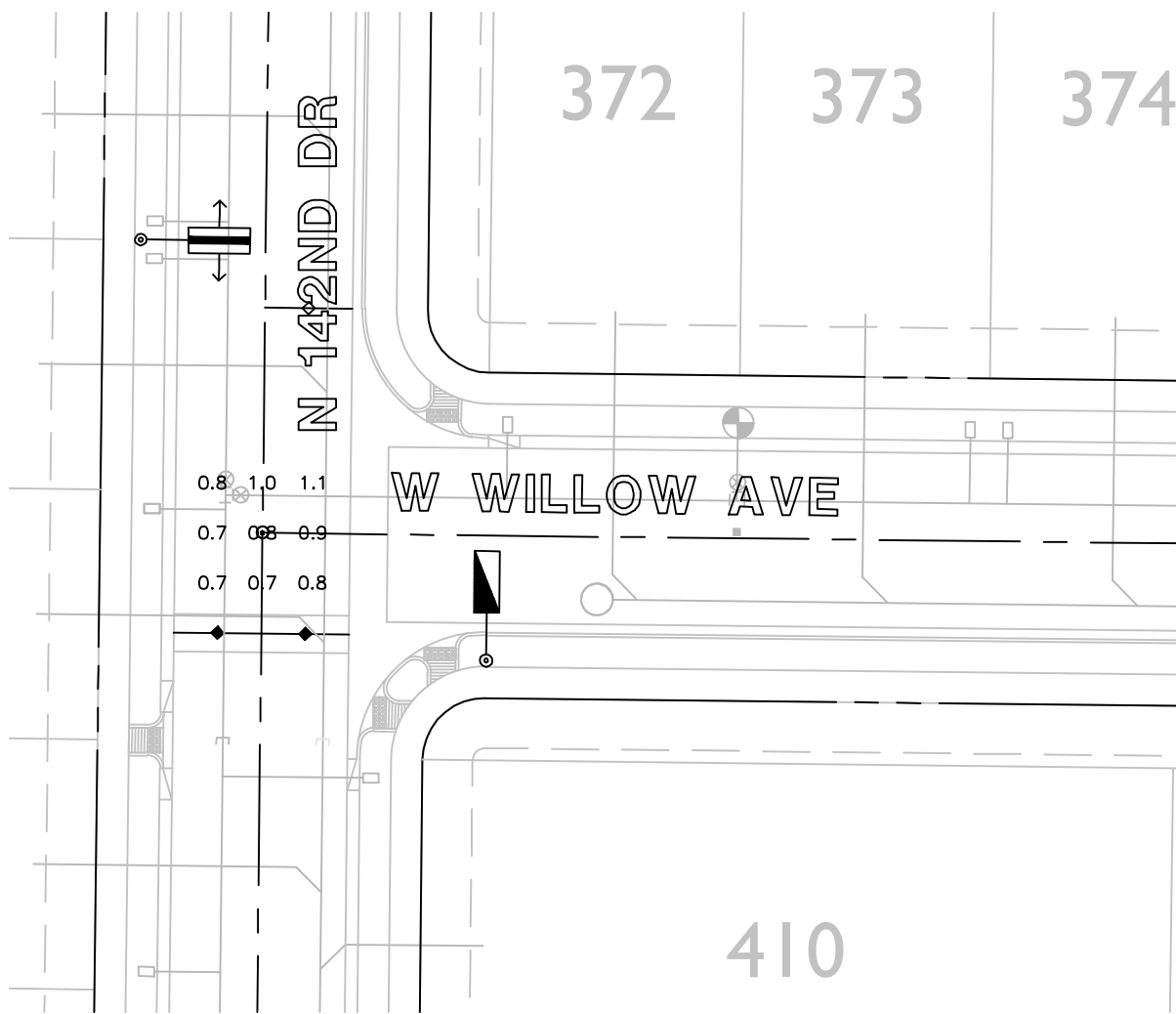
41W LED SHOEBOX
candela file "erl1_05e130-120-277v_tcm201-103950.ies"
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 41
mounting height= 31.5 ft
number locations= 4, number luminaires= 4
kw all locations= 0.2

Roadway Grid	
60 points at z=0, sp 15.667ft by 8ft	
HORIZONTAL FOOTCANDLES	
Average	0.4
Maximum	1.2
Minimum	0.1
Avg:Min	3.50
Max:Min	12.00
Coef Var	0.94
UnifGrad	2.00





INT - W GEORGIA DR & N 142ND DR
9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.1
Minimum 0.5
Avg:Min 1.58
Max:Min 2.20
Coef Var 0.25
UnifGrad 1.43

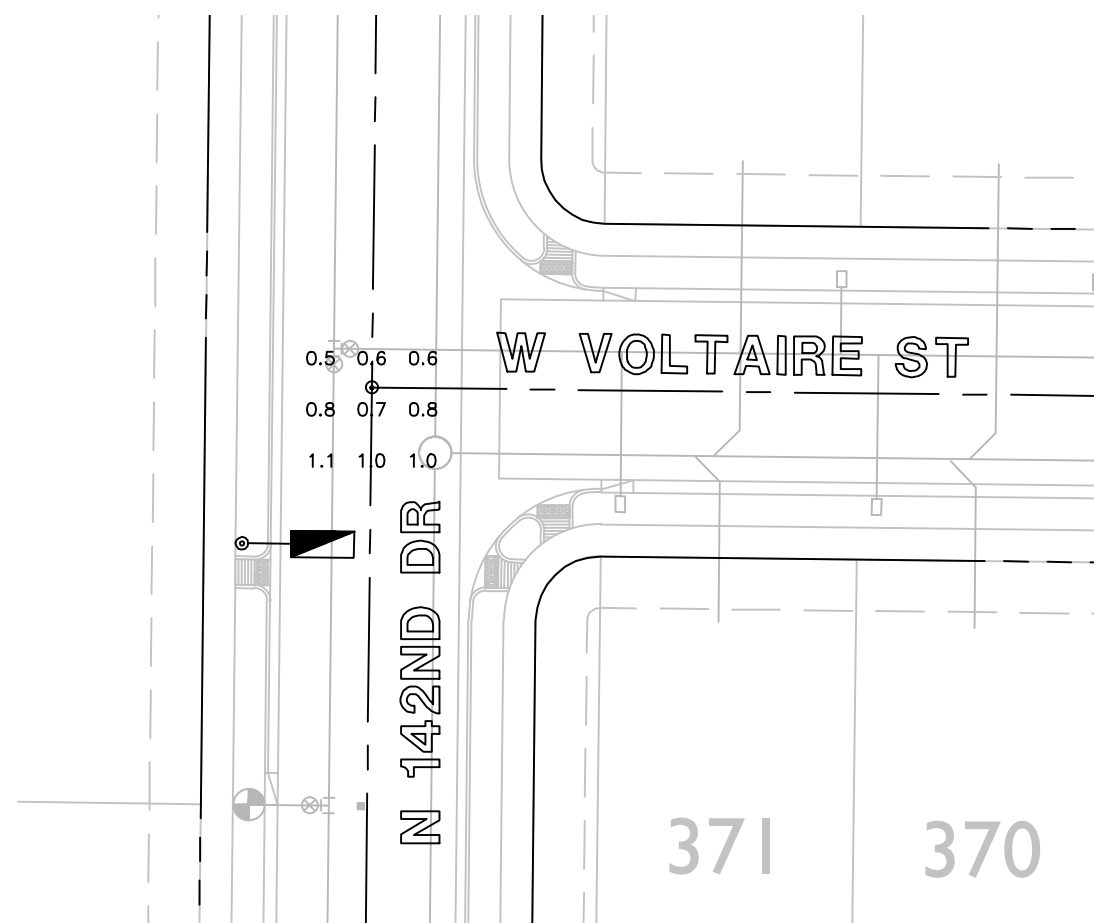


INT - W WILLOW AVE & N 142ND DR
9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.1
Minimum 0.7
Avg:Min 1.19
Max:Min 1.57
Coef Var 0.16
UnifGrad 1.25

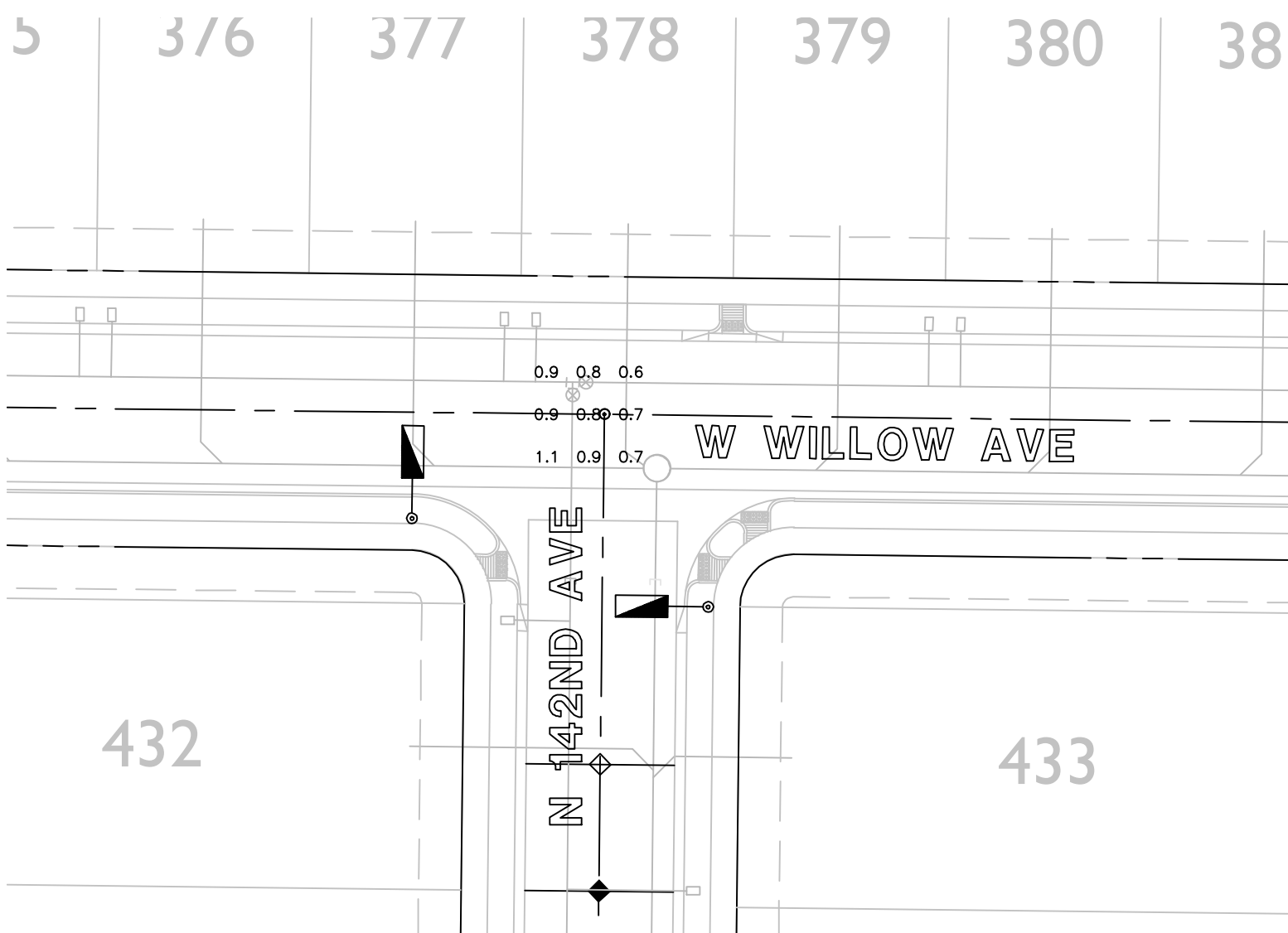
LEGEND

88W LED
2' MAST ARM
candela file 'er1_08e130_tcm201-103998.ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 88
mounting height= 31.5 ft
number locations= 5, number luminaires= 5
kw all locations= 0.4

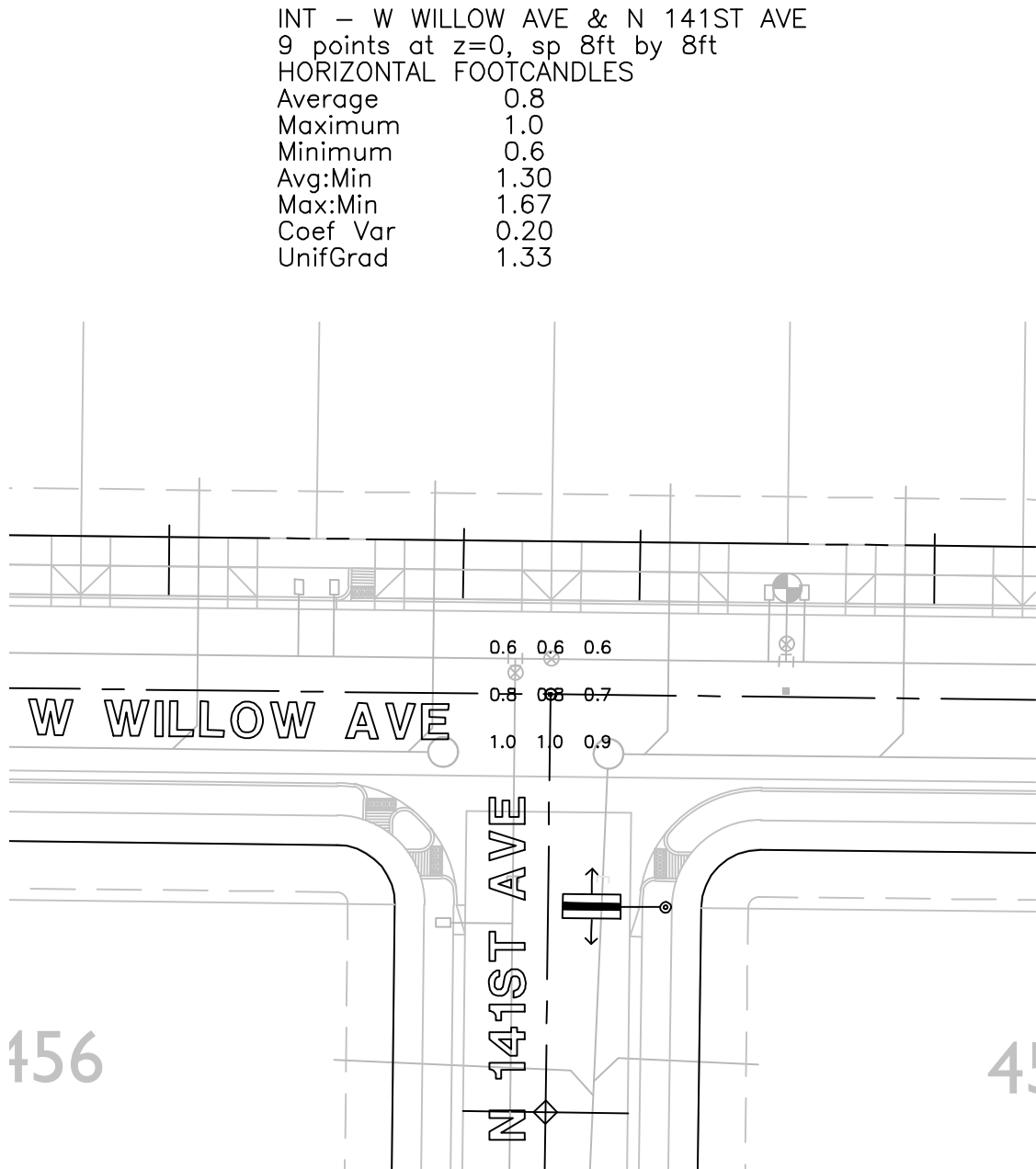
41W LED SHOEBOX
candela file 'er1_05e130-120-277v_tcm201-103950.ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 41
mounting height= 31.5 ft
number locations= 15, number luminaires= 15
kw all locations= 0.6



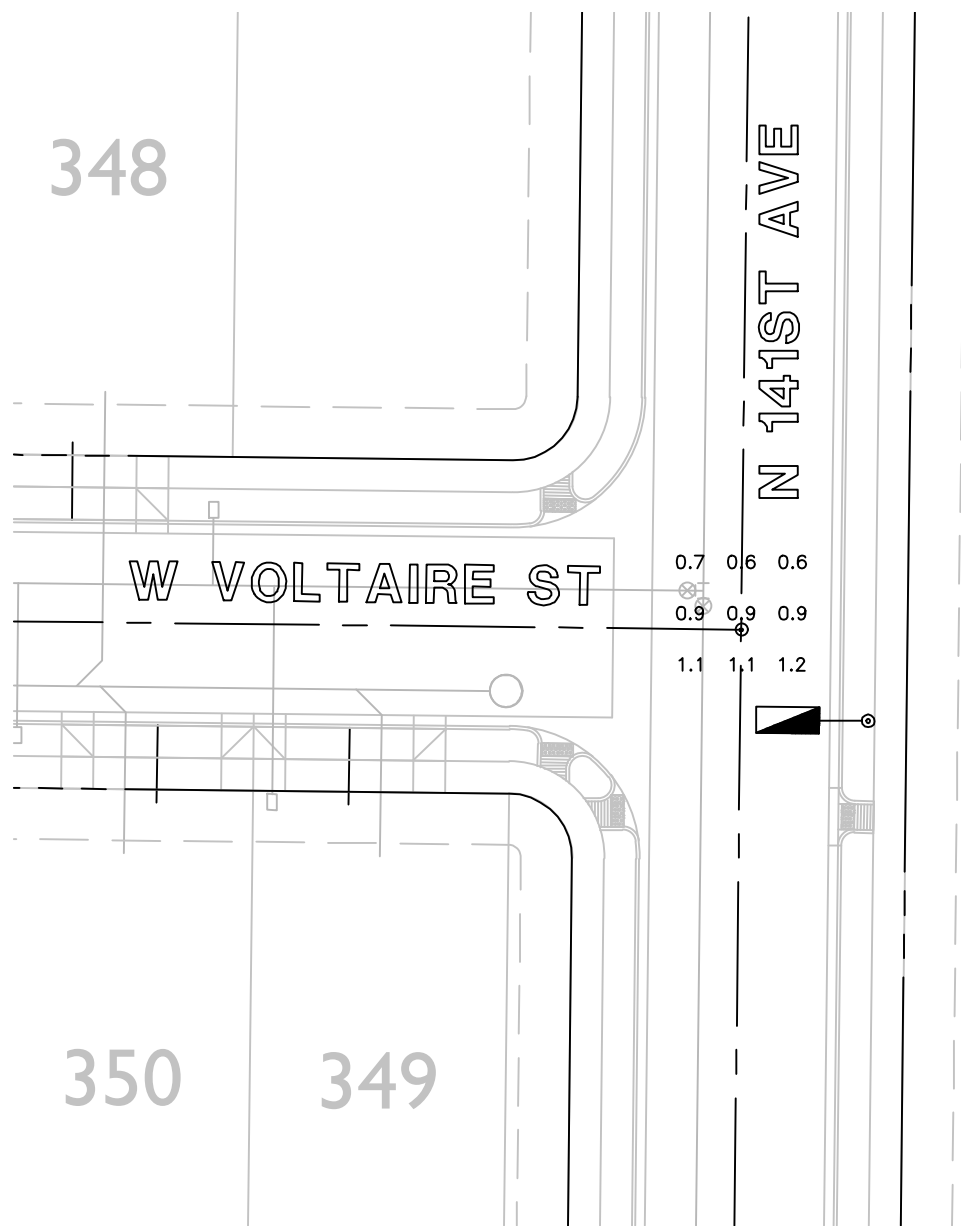
INT - W VOLTAIRE ST & N 142ND DR
9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.1
Minimum 0.5
Avg:Min 1.58
Max:Min 2.20
Coef Var 0.25
UnifGrad 1.60



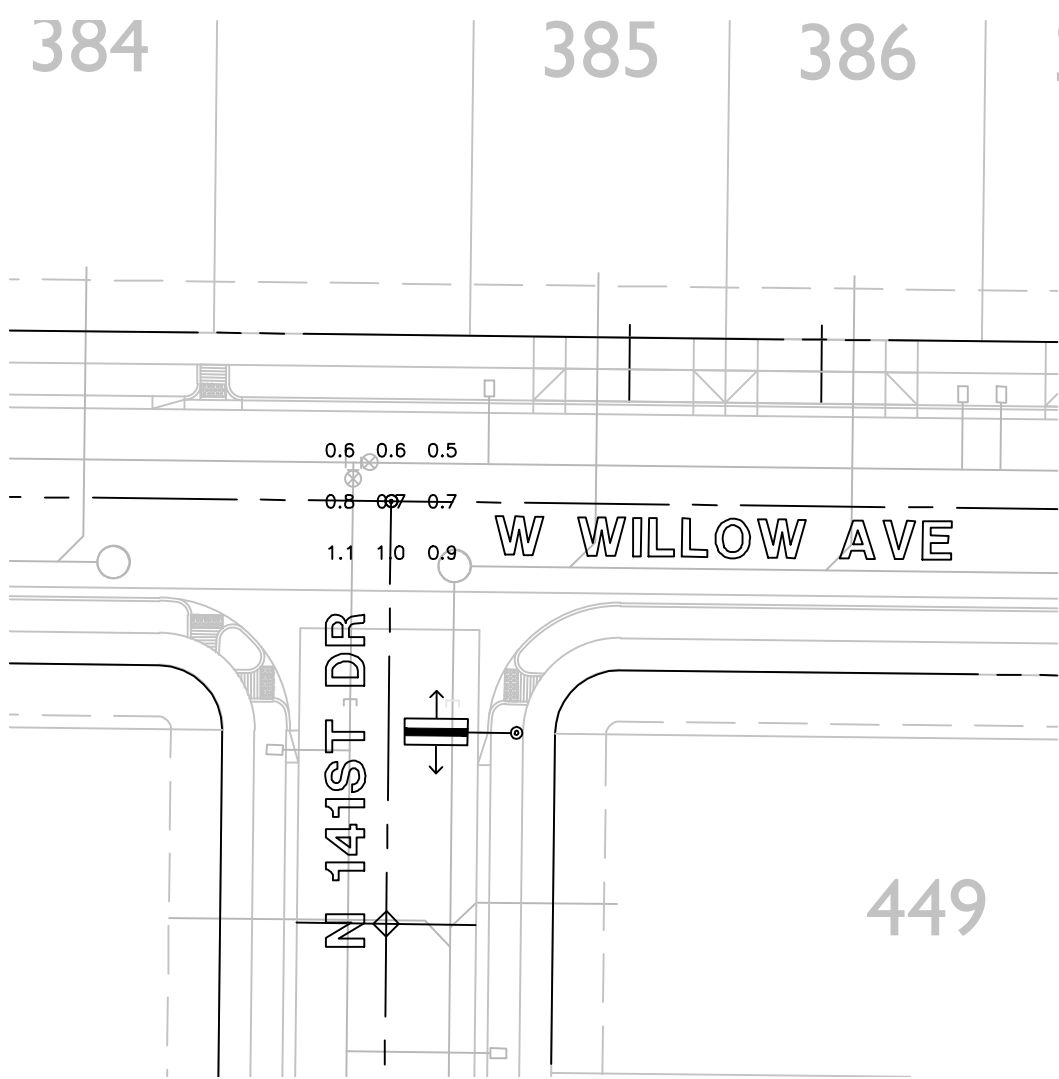
INT - W WILLOW AVE & N 142ND AVE
9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.1
Minimum 0.6
Avg:Min 1.37
Max:Min 1.83
Coef Var 0.17
UnifGrad 1.33



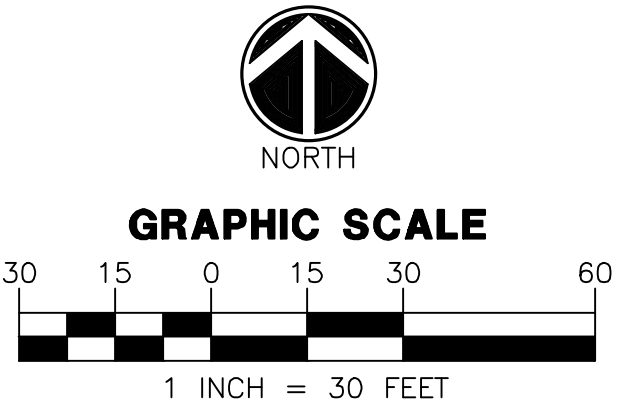
INT - W WILLOW AVE & N 141ST AVE
9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.0
Minimum 0.6
Avg:Min 1.30
Max:Min 1.67
Coef Var 0.20
UnifGrad 1.33



INT - W VOLTAIRE ST & N 141ST AVE
9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.9
Maximum 1.2
Minimum 0.6
Avg:Min 1.48
Max:Min 2.00
Coef Var 0.23
UnifGrad 1.50



INT - W WILLOW AVE & N 141ST DR
9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.1
Minimum 0.5
Avg:Min 1.53
Max:Min 2.20
Coef Var 0.25
UnifGrad 1.43



ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807

PHOTOMETRIC CALCULATION
SHEET. FOR INFORMATION ONLY.

PROJECT NAME:
HOMESTEAD AT MARLEY
PARK PHASE 4 & 5
PARCEL 5
WRIGHT ENG.
PROJECT NO: **18053**
DESIGN BY: NBG **PH-1**

HOMESTEAD AT MARLEY PARK PHASE 4 & 5

PARCEL 6

STREET LIGHT DESIGN

STREET LIGHTING REQUIREMENTS

5.00 GENERAL NOTES:

THE FOLLOWING INFORMATION IS PROVIDED TO EMPHASIZE CRITICAL WORK AND IS INTENDED TO SUPPLEMENT THE SPECIFICATIONS. SHOULD THERE BE A CONFLICT WITH THE SPECIFICATIONS, THIS DOCUMENT SHALL TAKE PRECEDENCE.

ALTERNATES SHALL BE PRE-APPROVED BY THE CITY ENGINEERING MANAGER. APPROVAL OF ALTERNATE PRODUCTS SHALL BE ON AN EQUAL BASIS WITH THE PRODUCT SPECIFIED AND SHALL BE SUBMITTED A MINIMUM OF TEN (10) DAYS PRIOR TO BID OPENING. STRUCTURAL CALCULATIONS SHALL BE FURNISHED FOR ALTERNATE PRODUCTS AND CERTIFIED BY A STRUCTURAL ENGINEER, REGISTERED IN THE STATE OF ARIZONA. LUMINAIRES AND LAMPS SHALL MEET OR EXCEED THE PHOTOMETRIC, ELECTRICAL, AND MECHANICAL REQUIREMENTS FOR THE SPECIFIED PRODUCTS.

THE CONTRACTOR SHALL COMPLY WITH STATE AND CITY STATUTES, AND MANUFACTURER'S RECOMMENDATIONS.

THE SUBMITTAL PACKAGE SHALL CONSIST OF THREE (3) COPIES OF EQUIPMENT/MATERIAL TO BE INSTALLED AND SHALL BE BOUND/STAPLED IN A FOLDER AND SUBMITTED AT THE TIME OF PERMIT APPLICATION.

PRIOR TO SUBMITTING A PROPOSAL, THE BIDDER SHALL EXAMINE ALL GENERAL CONSTRUCTION DRAWINGS AND VISIT THE CONSTRUCTION SITE TO BECOME FAMILIAR WITH EXISTING CONDITIONS UNDER WHICH HE WILL OPERATE AND WHICH WILL IN ANY WAY AFFECT THE WORK UNDER THE CONTRACT. NO SUBSEQUENT ALLOWANCE WILL BE MADE IN THIS CONNECTION IN THE BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLIGENCE ON HIS PART.

PRIOR TO ORDERING ANY MATERIALS OR DOING ANY WORK, THE CONTRACTOR SHOULD VERIFY DIMENSIONS AT THE SITE. IMMEDIATELY REPORT DIFFERENCES TO THE ENGINEERING MGR. AND SHOULD NOT PROCEED WITH WORK UNTIL THE ENGINEERING MGR. RENDERS A DECISION. NO EXTRA CHARGES OR COMPENSATION WILL BE ALLOWED FOR DIFFERENCES IN ACTUAL DIMENSIONS AND DIMENSIONS INDICATED ON THE DRAWINGS.

5.01 GENERAL:

THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH ALL LICENSING REQUIREMENTS SET FORTH BY THE STATE REGISTRAR OF CONTRACTORS OFFICE TO PERFORM WORK RELATING TO STREET LIGHT INSTALLATION IN THE CITY RIGHT-OF-WAY.

ONE PROJECT UNDERGROUND UTILITIES (RIGHT OF WAY) PERMIT AND ONE STREETLIGHT PERMIT FOR EACH STREET LIGHT POLE SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

5.02 WORKING / "AS BUILT" PLANS:

ACCEPTANCE OF THE COMPLETED IMPROVEMENTS WILL NOT BE GIVEN UNTIL 4 MIL PHOTO MYLAR REPRODUCIBLE "AS BUILT" PLANS HAVE BEEN SUBMITTED TO AND APPROVED BY THE CITY ENGINEER.

5.03 LIGHT POLES:

LIGHT POLES SHALL BE INSTALLED PLUMB, BE ADJUSTED TO PROVIDE PROPER ALIGNMENT TO THE ROADWAY BEING LIGHTED AND BE PROPERLY GROUNDED WHEN THE INSTALLATION IS COMPLETE.

5.04 EMBEDMENT:

DIRECT BURIED POLES SHALL BE SET IN A TWELVE (12) INCH AUGURED HOLE DEPTH AS SPECIFIED IN UNDISTURBED EARTH. POLE SHALL BE SET PLUMB IN TWO DIRECTIONS 90 DEGREES APART. HAND TAMPING OF ABC BACKFILL WITH PNEUMATIC OR VIBRATING EQUIPMENT IS THE ACCEPTABLE METHOD OF COMPACTION. BACKFILL SHALL BE COMPACTED TO 85% OF MAXIMUM DENSITY AS DEFINED BY ASTM D-2922 AND D-3017. A GROUND ROD SHALL BE INSTALLED ADJACENT TO PULL BOX IN UNDISTURBED SOIL AND A LEAD IN COPPER BOND WIRE (#6) SHALL BE INSTALLED IN 1" CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT (OR EQUAL) FOR POLE GROUNDING.

SURPLUS EXCAVATION SHALL BE DISPOSED OF BY THE CONTRACTOR.

5.05 LUMINAIRES:

LUMINAIRES SHALL BE INSTALLED LEVEL AND INCLUDE A LAMP AND PHOTOCCELL. CONTRACTOR SHALL ASSURE THAT THE LUMINAIRES SHALL BE FREE OF DUST, DIRT OR ANYTHING THAT WOULD IMPAIR THE OUTPUT OF THE LIGHT BEFORE HE LEAVES THE SITE.

LUMINAIRES FURNISHED WITH MULTI-TAP BALLASTS SHALL BE REWIRED OR RECONNECTED TO MATCH THE VOLTAGE SUPPLIED BY THE ELECTRIC UTILITY COMPANY.

5.06 WIRING:

WIRING SHALL BE INSTALLED PER UTILITY STANDARDS.

5.07 GROUNDING:

EACH POLE SHALL HAVE A 8' X 5/8" COPPER CLAD GROUND ROD DRIVEN ADJACENT TO PULL BOX. A #6 BARE COPPER LEAD FROM THE GROUND ROD IN PULL BOX TO LANDING LUG IN STREET LIGHT POLE HAND HOLE.

5.08 PULL BOXES:

EXCAVATION FOR PULL BOXES AND MATERIAL SPECIFICATION SHALL BE PER THE ELECTRIC UTILITY COMPANY STANDARDS.

5.09 TRENCH

TRENCH SHALL BE INSTALLED PER THE UTILITY COMPANY STANDARDS.

THE USE OF A COMMON ELECTRIC UTILITY COMPANY TRENCH IS PERMITTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE UTILITY COMPANY FOR COORDINATION OF TRENCHING AND THE INSTALLATION OF CONDUIT.

CONDUIT SHALL BE INSTALLED AT THE DEPTH SPECIFIED ON THE PLANS. CONDUIT SHALL BE 1 INCH CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT OR EQUAL. CONDUIT MUST BE UL RATED AND SUITABLE FOR UNDERGROUND USE.

CONNECTIONS SHALL BE PER UTILITY STANDARDS.

5.12 LIGHT POLE IDENTIFICATION:

THE CONTRACTOR SHALL FURNISH AND INSTALL A NUMBER ON EACH LIGHT POLE. STREET LIGHT POLE IDENTIFICATION AND SPECIFICATIONS WILL BE PROVIDED BY THE CITY OF SURPRISE.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO RESTORE ALL PROPERTY, LANDSCAPING, PAVING AND DRIVEWAYS THAT ARE DISTURBED DURING STREET LIGHT CONSTRUCTION TO THEIR ORIGINAL CONDITION IN CONFORMANCE WITH "MAG" SPECIFICATION SECTION 107.9.

THE DEVELOPER SHALL BE RESPONSIBLE FOR FURNISHING ALL PERSONNEL AND EQUIPMENT TO SUCCESSFULLY PERFORM THE FOLLOWING TEST.

PRIOR TO ACCEPTANCE, THE DEVELOPER SHALL ENERGIZE AND OPERATE THE ENTIRE ROADWAY LIGHTING SYSTEM, FROM SUNSET TO SUNRISE FOR TWO CONSECUTIVE DAYS WITHOUT INTERRUPTION OR FAILURE. IF A LAMP OR BALLAST SHOULD FAIL, IT SHALL BE IMMEDIATELY REPLACED.

THE CONTRACTOR SHALL GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE ENGINEERING MANAGER, AGAINST IMPERFECT WORKMANSHIP, FAILURE, MALFUNCTION OF MATERIALS AND/OR EQUIPMENT DUE TO FAULTY OR IMPERFECT WORKMANSHIP. THIS GUARANTEE IS TO BE IN WRITING TO THE CITY AT THE TIME OF ISSUING FINAL ACCEPTANCE. WORK FOUND TO BE DEFECTIVE WITHIN THE WARRANTY PERIOD SHALL BE REPLACED WITHOUT COST TO THE CITY.

GENERAL ENGINEERING NOTES:

- ALL CONSTRUCTION MUST CONFORM TO MARICOPA ASSOCIATION OF GOVERNMENT (MAG) SPECIFICATIONS AND DETAILS AND LATEST REVISIONS UNLESS OTHERWISE STATED ON PLANS.
- THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND THEY WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL OVERHEAD AND UNDERGROUND UTILITY LOCATIONS WHERE CONSTRUCTION OCCURS. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT ALL UTILITIES ARE AVOIDED. UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND NOT FOR CONSTRUCTION PURPOSES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AND OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT ARIZONA UNDERGROUND FACILITIES LAWS (ARIZONA REVISED STATUTES TITLE 40, CHAPTER 2, ARTICLE 6.3, SECTION 40-360.21-32). CALL ARIZONA 811 FOR FIELD LOCATION BY DIAL 811.
- THE CITY OF SURPRISE ENGINEERING SERVICES OF PUBLIC WORKS SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK AT 623-222-6150.
- THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION OR VARIANCE FROM THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE PROPOSED AND RESUBMITTED FOR REVIEW AND APPROVAL.
- THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE DRAWING, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE. EXISTING SURFACE FEATURES AND FENCING SHALL BE REPLACED IN KIND.
- ANY INSPECTION BY THE CITY, COUNTY, OR THE ENGINEER, SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE APPLICABLE CODES AND AGENCY REQUIREMENTS.
- THE CONTRACTOR IS TO LOCATE ALL EXISTING LANDSCAPING, LANDSCAPING IRRIGATION LINES, PROPERTY MONUMENTS, FENCING OR SURFACE FEATURES PRIOR TO CONSTRUCTION. ANYTHING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
- NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
- ALL CONSTRUCTION WATER USED WITHIN THE CITY OF SURPRISE WATER SERVICE AREA REQUIRES APPROVAL BY THE CITY OF SURPRISE PUBLIC WORKS DEPARTMENT AND MAY BE SUBJECT TO VOLUME AND TIME RESTRICTIONS. PLEASE SEE THE CITY OF SURPRISE CONSTRUCTION WATER GUIDELINES FOR ADDITIONAL INFORMATION. THE GUIDELINES CAN BE OBTAINED FROM THE PUBLIC WORKS DEPARTMENT AT 623-222-6000.
- TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH MAG SPECIFICATION 401, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND THE "TEMPORARY WORK ZONE TRAFFIC MANAGEMENT POLICY" (LATEST EDITION).
- PRIOR TO FINAL APPROVAL AND ACCEPTANCE OF THE WORK, THE DEVELOPER/CONTRACTOR WILL BE REQUIRED TO CLEAN AND REPAIR ADJACENT (OFF-PROJECT) ROADWAYS USED OR DAMAGED DURING THE COURSE OF CONSTRUCTION.
- EMERGENCY VEHICLE ACCESS (E.V.A.) MUST BE PROVIDED BY THE DEVELOPER/CONTRACTOR THROUGHOUT THE PROJECT SITE. E.V.A. ROADS AND SIGNAGE SHALL BE MAINTAINED BY THE DEVELOPER/CONTRACTOR AT ALL TIMES. SIGNAGE SHALL BE POSTED AT THE POINT OF ENTRY TO THE SITE AND AT ALL LOCATIONS WHERE A CHANGE IN DIRECTION OCCURS.
- THE PLANS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT'S ACCESSIBILITY GUIDELINES, AS PUBLISHED IN THE FEDERAL REGISTER ON SEPTEMBER 15, 2010.

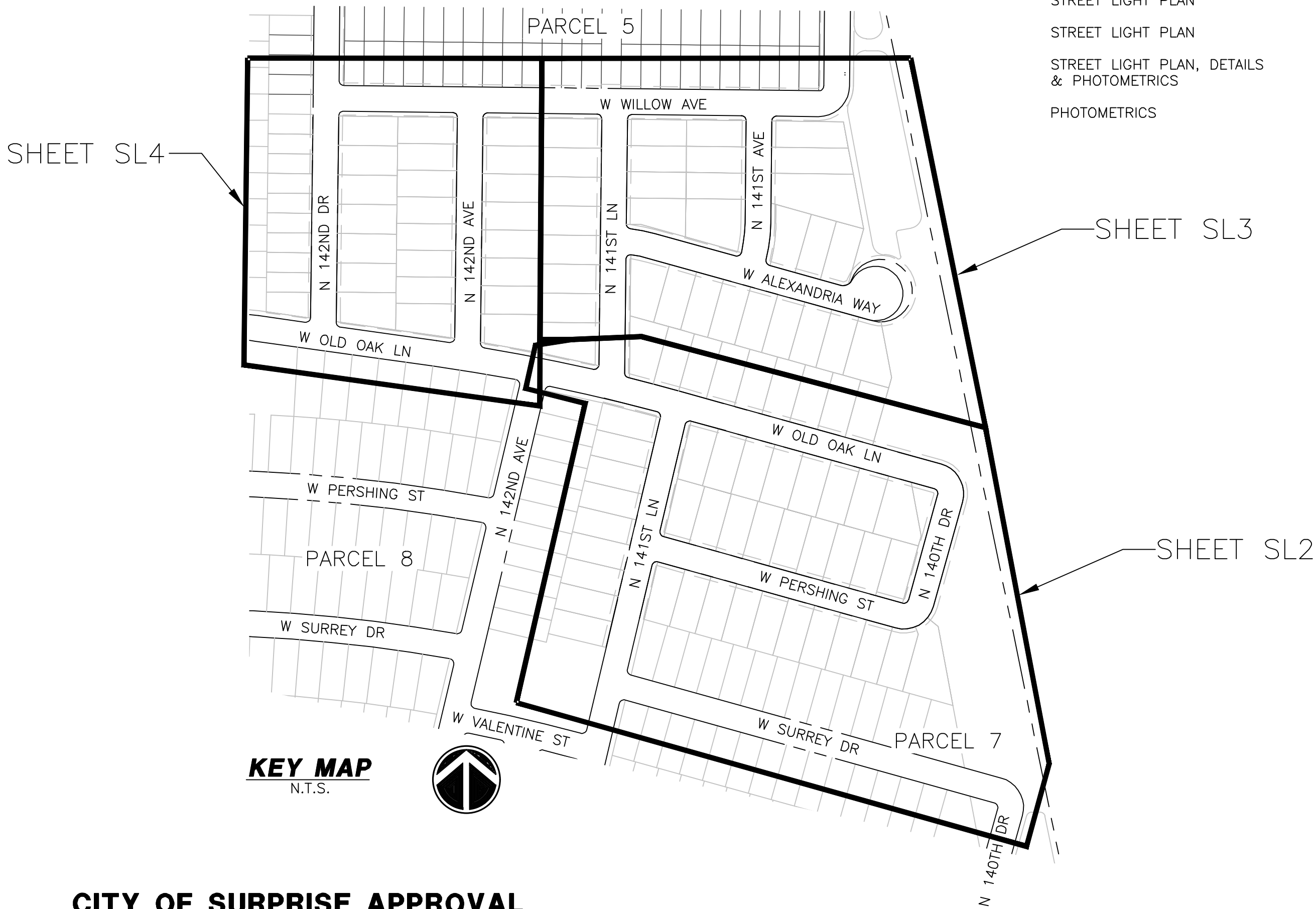
UTILITIES WITHIN OR AFFECTED BY THE PROJECT	
UTILITY CONTACT	DATE SUBMITTED
ARIZONA PUBLIC SERVICE	4/06/2018
CENTURY LINK	4/06/2018
COX COMMUNICATIONS	4/06/2018
COS WATER	4/06/2018
SOUTHWEST GAS	4/06/2018

NOTE

THE ELECTRICAL/MAINTENANCE COSTS OF ALL STREET LIGHTS ON LOCAL AND COLLECTOR STREETS ARE TO BE PAID BY THE ADJACENT PROJECT OR THE ADJACENT DEVELOPMENT'S STREET LIGHT IMPROVEMENT DISTRICT (SLID). THE ELECTRICAL / MAINTENANCE COSTS OF ALL STREET LIGHTS ON ARTERIAL STREETS ARE TO BE BILLED TO THE CITY OF SURPRISE'S ENERGY BILL.

LED NOTE

LED TECHNOLOGY IS CHANGING RAPIDLY. THE FIXTURES SHOWN ON THESE PLANS MAY NOT BE APPLICABLE AT TIME OF CONSTRUCTION. CONTRACTOR TO COORDINATE WITH APS AND UTILIZE THEIR CURRENT SPECIFICATION AT THE TIME OF BIDDING AND CONSTRUCTION.



CITY OF SURPRISE APPROVAL

THIS SET OF PLANS HAS BEEN REVIEWED FOR COMPLIANCE WITH CITY REQUIREMENTS PRIOR TO ISSUANCE OF PERMITS. THE CITY NEITHER ACCEPTS NOR ASSUMES ANY LIABILITY FOR ERRORS OR OMISSIONS. THIS COMPLIANCE APPROVAL SHALL NOT PREVENT THE CITY ENGINEER FROM REQUIRING CORRECTIONS OF ERRORS OR OMISSIONS IN PLANS FOUND TO BE IN VIOLATION OF LAW OR ORDINANCES.

CITY OF SURPRISE ENGINEER

DATE

STREET LIGHTING (APS AREA)															
KEY NO.	SYMBOL	STREET TYPE	OFFSET BEHIND B/C	QUANTITY	POLE		MAST ARM	LUMINAIRE						APS STANDARD CODE NO.	
					POLE HEIGHT	FOUNDATION		SIZE	MOUNTING HEIGHT	LUMENS	WATTAGE	I.E.S. DIST.	VOLTAGE		TYPE
①		LOCAL	PER PLANS	18	38'-0"	DIRECT BURY	2'-0"	31'-6"	4,800	41 W	TYPE II	*	LED	ARCHITECTURAL (SHOEBOX)	8030.S2.RL43
②		LOCAL	PER PLANS	6	38'-0"	DIRECT BURY	2'-0"	31'-6"	8,200	88 W	TYPE II	*	LED	ARCHITECTURAL (SHOEBOX)	8030.S2.RL43

CIVIL ENGINEER
EPS GROUP, INC.
2045 S. VINEYARD, SUITE 101
MESA, AZ 85210
PHONE: (480) 503-2250
CONTACT: JOHN MCGHEE, P.E.

OWNER
MERITAGE HOMES
8800 E RAINTREE DR, SUITE 300
SCOTTSDALE, AZ 85260
PHONE: (480) 515-8251
CONTACT: JASON JARVIS

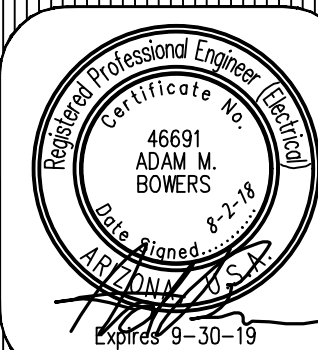


WRIGHT ENGINEERING
PROJECT NO:
18053-03
DESIGN BY: JKS
DRAWN BY: JKS
CHECKED BY: AMB

WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:
**SURPRISE, ARIZONA
HOMESTEAD AT MARLEY PARK
PHASE 4 & 5 - PARCEL 6
STREET LIGHT COVER SHEET**

NO.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
1	APR 2018	1ST SUBMITTAL
2	AUG 2018	2ND SUBMITTAL
3	AUG 2018	3RD SUBMITTAL



DRAWING NO:
SL1
OF 5

MATCHLINE 'A'
SEE SHEET SL3

CONSTRUCTION NOTES

- (1) 41W LED (4,800 LUMEN) FIXTURE (LIGHT CODE RL41) WITH PHOTOELECTRIC CONTROL ON A 38'-0" DIRECT BURIED POLE (1940.38) WITH A 2' MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL4). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.
- (2) INSTALL APS PULL BOX NEXT TO POLE. INSTALL 1" CONDUIT WITH (2) #14 TYPE THHN/THWN AND (1) #14 BARE BOND FROM PULL BOX TO FUSE HOLDER IN STREET LIGHT PER APS DETAILS AND SPECIFICATIONS.
- (3) STREET LIGHT TO BE INSTALLED PER SEPARATE PLAN SET. SHOWN FOR REFERENCE ONLY.
- (4) (1) 88W LED (8,200 LUMEN) FIXTURE (LIGHT CODE RL42) WITH PHOTOELECTRIC CONTROL ON A 38'-0" DIRECT BURIED POLE (1940.38) WITH A 2' MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL3). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.

ROADWAY SCALEABLE LED 3000K

LIGHT CODE	COLOR	APN	WATTS	VOLTS	INITIAL LUMENS	CATALOG #
RL40		00141047	32	120/208/240/277	3,800	ERL1004B130ADKBZGRX
RL41		00141048	41	120/208/240/277	4,800	ERL1005E130ADKBZGRX
RL42	DNBZ	00141049	88	120/208/240/277	8,200	ERL1008E130ADKBZGRX
RL43		00141050	108	120/208/240/277	11,000	ERLH01E130ADKBZGRX
RL44		00141051	174	120/208/240/277	19,000	ERL2021C330ADKBZGRX

LEGEND

- 41W LED SHOEBOX STREET LIGHT
- 88W LED SHOEBOX STREET LIGHT
- STREET LIGHT PER SEPARATE PLAN
- FUTURE STREET LIGHT
- PULL BOX
- NEW CONDUIT RUN
- FIRE HYDRANT

WRIGHT ENGINEERING
PROJECT NO:

18053-03

DESIGN BY: JKS

DRAWN BY: JKS

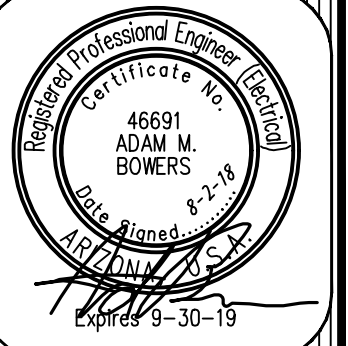
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engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5825 • FAX 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:

SURPRISE, ARIZONA
HOMESTEAD AT MARLEY PARK
PHASE 4 & 5 - PARCEL 6
STREET LIGHT PLAN

NO.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
1	APR 2018	1ST SUBMITTAL
2	AUG 2018	2ND SUBMITTAL
3	AUG 2018	3RD SUBMITTAL

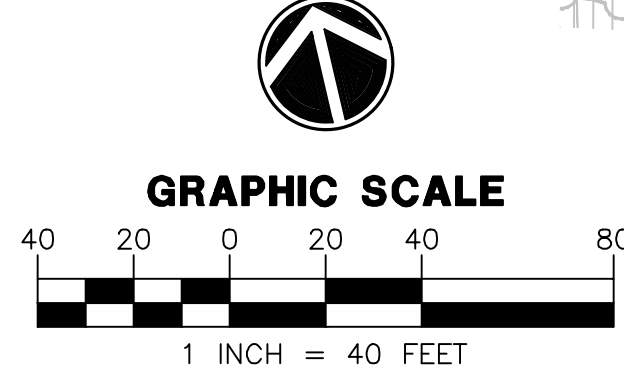


DRAWING NO:

SL2

OF 5

ARIZONA BLUE STAKE
CALL TWO WORKING DAYS
BEFORE YOU DIG
Dial 811 or
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

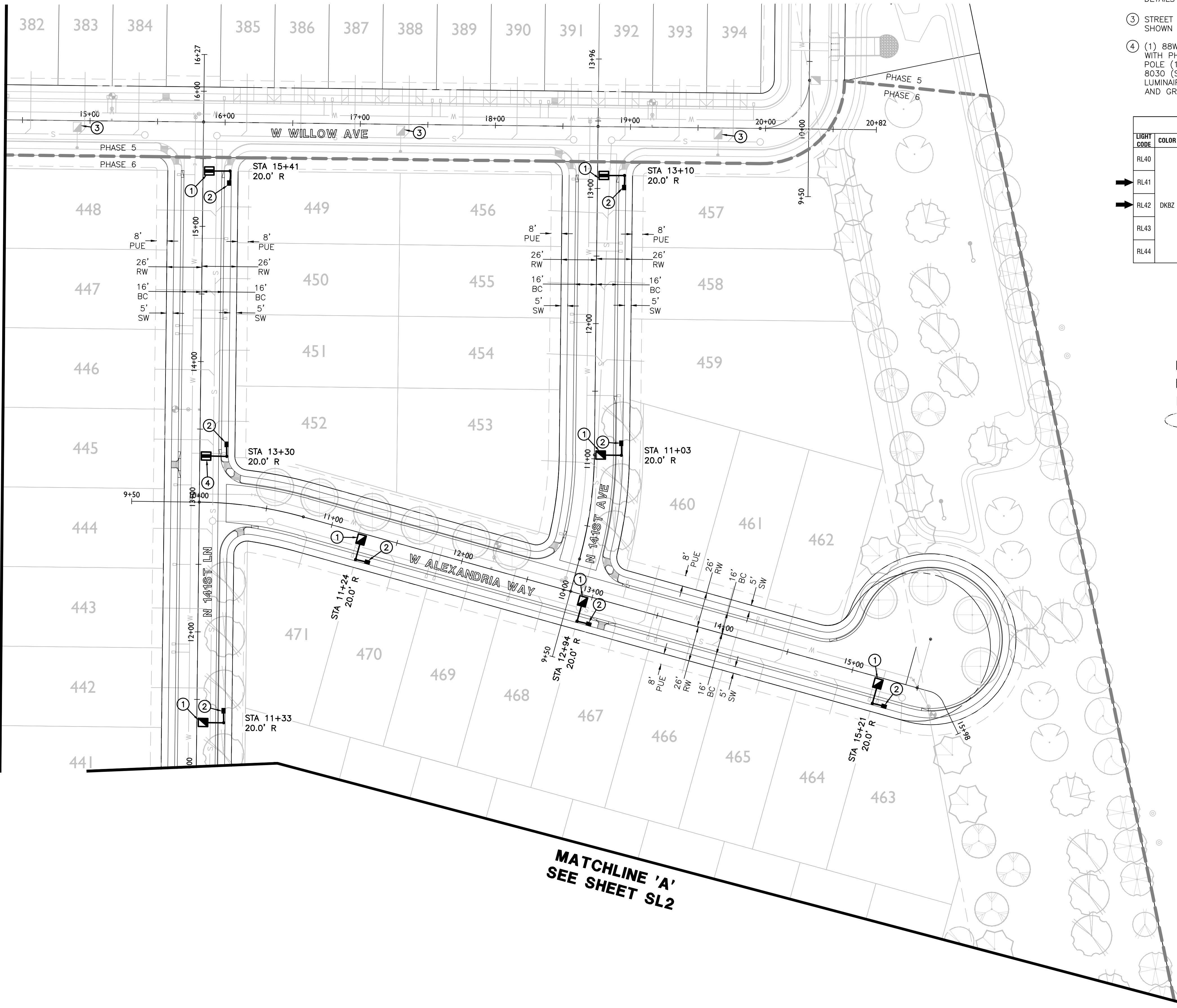


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MATCHLINE 'B'
SEE SHEET SL4



MATCHLINE 'A'
SEE SHEET SL2

CONSTRUCTION NOTES

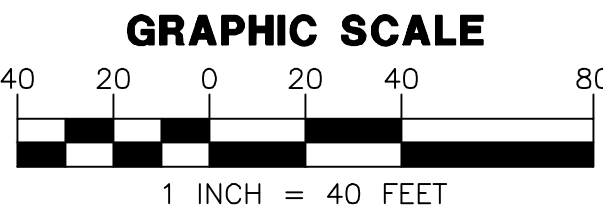
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ROADWAY SCALEABLE LED 3000K

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RL44		00141051	174	120/208/240/277	19,000	ERL2021C330ADKBZGRX

LEGEND

- 41W LED SHOEBOX STREET LIGHT
- 88W LED SHOEBOX STREET LIGHT
- STREET LIGHT PER SEPARATE PLAN
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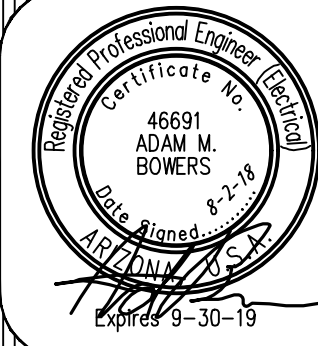
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PROJECT NO:
18053-03
DESIGN BY: JKS
DRAWN BY: JKS
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PROJECT: TITLE:

SURPRISE, ARIZONA
HOMESTEAD AT MARLEY PARK
PHASE 4 & 5 - PARCEL 6
STREET LIGHT PLAN

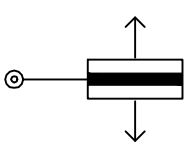
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3	AUG 2018	3RD SUBMITTAL



DRAWING NO:
SL3
OF 5

H:\2018\18053-Morley Park Phase 4,5\18053-Parcel 6-SL.dwg

LEGEND

- 

88W LED
2' MAST ARM
candela file "erl1_08e130_tcm201-103998.ies"
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 88
mounting height= 31.5 ft
number locations= 9, number luminaires= 9
kw all locations= 0.8
- 

41W LED SHOEBOX
candela file "erl1_05e130-120-277v_tcm201-103950.ies"
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 41
mounting height= 31.5 ft
number locations= 20, number luminaires= 20
kw all locations= 0.8

45

INT - W ALEXANDRIA WAY & N 141ST LN
12 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.2
Minimum 0.4
Avg:Min 1.90
Max:Min 3.00
Coef Var 0.37
UnifGrad 1.50

INT - W OAK LN & N 141ST AVE
12 points
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.3
Minimum 0.5
Avg:Min 1.68
Max:Min 2.60
Coef Var 0.31

INT - W ALEXANDRIA WAY & N 141ST AVE
9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 1.1
Maximum 1.5
Minimum 0.8
Avg:Min 1.33
Max:Min 1.88
Coef Var 0.21
UnifGrad 1.50

INT - W PERSHING ST & N 141ST LN
12 points
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.0
Minimum 0.6
Avg:Min 1.36
Max:Min 1.67
Coef Var 0.18

INT - W OAK LN & N 141ST LN
9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.1
Minimum 0.5
Avg:Min 1.58
Max:Min 2.20
Coef Var 0.25
UnifGrad 1.43



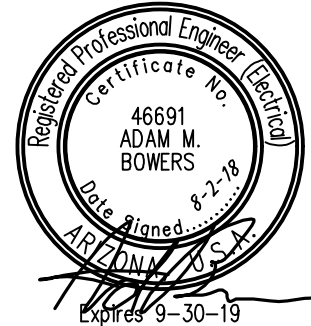
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**PHOTOMETRIC CALCULATION
SHEET. FOR INFORMATION ONLY.**

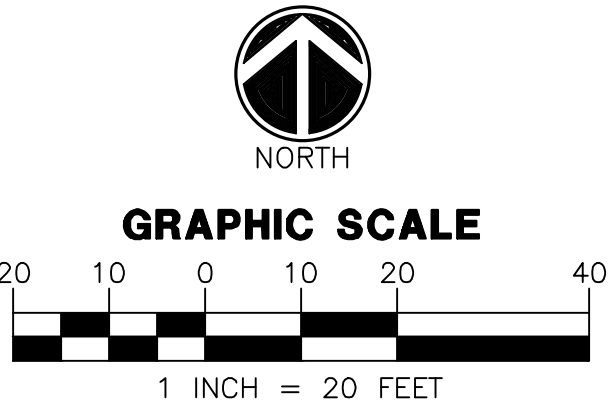
PROJECT NAME:
HOMESTEAD AT MARLEY
PARK PHASE 4 & 5
PARCEL 6

WRIGHT ENG.
PROJECT NO: **18053**

DESIGN BY: NBG **PH-1**



Professional Engineer
ADAM M. BOWERS
No. 46691
Exp. 12-31-18
Seal # 2-1-18
Expires 9-30-19



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CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date:	November 6, 2018	Contact Person:	Karl Zook, Public Works Department
Submitting Department:		District:	5
Staff Recommendations:	None		

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action declaring the City's intention to enlarge the territory of the City of Surprise Sun City Grand Lighting Improvement District No. 2 pursuant to A.R.S. 48-616; Resolution # 2018-142.

Motion:

I move to approve Resolution # 2018-142.

Background:

The City of Surprise, Arizona Sun City Grand Lighting Improvement District No. 2 was formed in 1998 (Resolution 98-07). Since the time of formation, new parcels have been formed in and around the original street lighting improvement district ("SLID") boundary. The City intends to enlarge the existing SLID to include the new parcels. The city has verified that the Petition for the proposed SLID enlargement contains the signatures of all of the real property owners in the enlargement area of the district, exclusive of mortgages and other lien holders. Three new lights are proposed on Yorkshire Dr. which is a local roadway and will be billed to the Sun City Grand Improvement District No. 2.

Objective Analysis:

A SLID is a special taxing district in which property owners in a defined area agree to pay the costs to operate and maintain their immediate area's street lighting through a property tax. All new developments in the City of Surprise require a SLID. This action will enlarge an existing SLID boundary to include the remainder of the parcels not within the SLID and extend existing boundaries to roadway centerlines. The SLID costs are paid for by the levy and collection of an equal apportionment of taxes based on the number and classification of properties within the SLID. The enlargement of the SLID will only affect the parcels in the territory being added, as the valuation of the property may be increased.

Policy Compliant:

Surprise Municipal Code requires that street lighting that serves a defined area be paid for through revenues obtained from the specific area being served by such street lighting. The city strives to assure that residents are subject to only one SLID and that the boundaries of each SLID accurately reflect the service area. This item is consistent with these objectives.

Financial Impact:

Any financial impact on the City is anticipated to be minimal, as the Developer and District will be bearing the costs and expenses of the District and street light improvement facilities.

Budget Impact:

This is an enlargement of an existing SLID, therefore no impact to the budget is anticipated. A separate fund for this taxing district is currently in place to track the revenue and expenses.

FTE Impact:

This action does not change the full time equivalent count.

ATTACHMENTS:

Click to download

[Resoltuion 2018-142](#)

[SLID Petition](#)

[Streetlight Plan](#)

[Council Exhibit](#)

RESOLUTION # 2018-144

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF SURPRISE, ARIZONA DECLARING ITS INTENT TO ENLARGE THE CITY OF SURPRISE, ARIZONA SUN CITY GRAND LIGHTING IMPROVEMENT DISTRICT NO. 2 AND ORDERING SUCH ENLARGEMENT.

WHEREAS, on January 22, 1998, the Mayor and City Council of the City of Surprise adopted Resolution No. 98-07, ordering the formation of the City of Surprise, Arizona Sun City Grand Lighting Improvement District No. 2 (the "District") for the purpose of purchasing electricity for the lighting of the public streets and parks within the District;

WHEREAS, Ariz. Rev. Stat. § 48-616(M) permits the City to enlarge the boundaries of a street lighting improvement district ("SLID") when proper notice has been given to the owners of the real property that will be added to the SLID;

WHEREAS, Ariz. Rev. Stat. § 48-617(A) gives the City immediate jurisdiction to order the creation or enlargement of a SLID without notice when all owners of the real property being added to the SLID have petitioned the City to form or enlarge the SLID;

WHEREAS, the owners, exclusive of mortgagees and other lienholders, of parcels of property which adjoin the District (hereinafter referred to as "Petitioners") acting pursuant to the provisions of Ariz. Rev. Stat. §§ 48-616(M) and 48-617(A), have petitioned the City to enlarge the District to include said property legally described in Exhibit A to this resolution, with such boundaries as shown in the map in Exhibit B to this resolution;

WHEREAS, the City has verified and finds that Petitioners are the owners, exclusive of mortgagees and other lienholders, of all of the real property being added to the boundary of the District;

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Surprise, Arizona, as follows.

Section 1. *District Enlargement.* The City of Surprise, Arizona Sun City Grand Lighting Improvement District No. 2 shall be enlarged by the addition of the property described in Exhibit A and Exhibit B, which are incorporated by reference hereto into this Resolution. The annual tax levied upon the District will remain in full force and effect, and, commencing in fiscal year 2019/2020 will apply to the District as enlarged by this Resolution.

Section 2. *Recording and Filing of this Resolution.* A certified copy of this Resolution shall be recorded in the office of the Maricopa County Recorder. Certified copies of this Resolution shall also be filed with the Arizona Department of Revenue and the Maricopa County Assessor's office pursuant to Ariz. Rev. Stat. § 42-17257.

APPROVED AND ADOPTED this ____ day of _____, 2018.

Sharon R. Wolcott, Mayor

Attest:

Approved as to form:

Sherry Aguilar, City Clerk

Robert Wingo, City Attorney

EXHIBIT A
LEGAL DESCRIPTION
THE COLONNADE
S.L.I.D. EASEMENT

Lots 7 and 8, the east 10.00 feet of Lot 6, the west 33.00 feet of Lot 9 and a portion of the right-of-way of Santa Fe Avenue (now known as W. Yorkshire Drive) of Beardsley Tract A, as recorded in Book 28, Page 6, Maricopa County Records, Arizona, all lying within the Southeast quarter of Section 29, Township 4 North, Range 1 West of the Gila and Salt River Meridian, Maricopa County, Arizona, more particularly described as follows:

COMMENCING at a found 3/4 inch iron pipe with P.K. nail in the center of an iron pipe accepted as the East quarter corner of said Section 29 from which a found aluminum cap accepted as the Southeast corner thereof bears South 00°07'17" East, 2636.15 feet;

Thence North 89°21'20" West, 1090.15 feet along the north line of said Southeast quarter;

Thence leaving said north line, South 00°37'58" West, 20.00 feet along the northerly prolongation of the east line of the west 33.00 feet of said Lot 9, to the **POINT OF BEGINNING**;

Thence continuing along said northerly extension and said east line, South 00°37'58" West, 333.00 feet;

Thence along the south line of said Lots 6 through 9, North 89°22'02" West, 243.00 feet;

Thence leaving said south line, North 00°37'58" East, 267.05 feet along the west line of the east 10.00 feet of said Lot 6;

Thence leaving said west line, North 89°21'20" West, 403.62 feet along the southerly right-of-way line of said W. Yorkshire Drive;

Thence leaving said southerly right-of-way line, North 00°40'35" East, 66.00 feet;

Thence South 89°21'20" East, 646.57 feet along the northerly right-of-way line of said W. Yorkshire Drive to the **POINT OF BEGINNING**.

The above described parcel contains a computed area of 107,562 sq. ft. (2.4693 acres) more or less and being subject to any easements, restrictions, rights-of-way of record or otherwise.

The description shown hereon is not to be used to violate any subdivision regulation of the state, county and/or municipality or any land division restrictions.

Prepared by: HILGARTWILSON, LLC
2141 E. Highland Avenue, Suite 250
Phoenix, AZ 85016
Project No. 1167
Date: December 2017



EXHIBIT B

CENTER OF SECTION
SECTION 29, T4N, R1W
FOUND WITNESS CORNER 5' NORTH
ON MID-SECTION LINE STAMPED
"C₁ WC S29 T4N R1W 5'S
RLS 19344 2014"

EAST QUARTER CORNER
SECTION 29, T4N, R1W
FOUND ¾" IRON PIPE
W/ P.K. NAIL IN CENTER
DOWN 0.2'
P.O.B.

S89°21'20"E
646.57'

N89°21'20"W 2623.95'

W. YORKSHIRE DRIVE

N89°21'20"W
403.62'
N00°40'35"E
66.00'

66' R/W
N00°37'58"E
267.05'

LOT 6

LOT 7

LOT 8

LOT 9

S00°37'58"W
333.00'

LOT 14
BOOK 1083,
PAGE 15, M.C.R.

WEST LINE OF
THE EAST 10.00'
OF LOT 6

N89°22'02"W
243.00'

S00°07'17"E 2636.15'



LINE TABLE		
LINE NO.	DIRECTION	LENGTH
L1	S00°37'58"W	20.00'

SOUTHEAST CORNER
SECTION 29, T4N, R1W
FOUND ALUMINUM CAP
STAMPED 28, 29, 32, 33,
LS 21780, 2008

PROJ.NO.: 1167
DATE: DEC. 2017
SCALE: N.T.S.
DRAWN BY: JDL
CHECKED BY: KJP

THE COLONNADE
S.L.I.D. EASEMENT
SURPRISE, ARIZONA
EXHIBIT

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

STREET LIGHT IMPROVEMENT DISTRICT PETITION

TO THE MAYOR AND COUNCIL OF THE CITY OF SURPRISE:

We, the undersigned, are all or a majority of the real property owners, exclusive of mortgagees and other lienholders, adjoining the district named below. We petition the City Council of the City of Surprise, Arizona, to enlarge the District to include said property legally described in Exhibit A with such boundaries as shown in the map in Exhibit B attached hereto. This petition includes a charge for maintaining the lighting facilities.

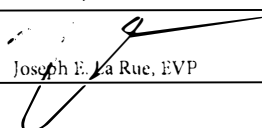
It is hereby requested that, in compliance with the Arizona Revised Statutes, the City Council adopt a Resolution of Intention to enlarge the existing District, and that unless protests are received pursuant to A.R.S. §48-579 sufficient to bar further proceedings, the City Council proceed with the improvements petitioned for herein.

Public convenience, necessity and welfare will be promoted by the establishment of the District and the real property within the District will be benefited by the District. Additional street lighting facilities may be installed and included in the District, at no investment cost to the District, as directed by the City and as approved by Arizona Public Service and the City Engineer.

WHEREFORE, we respectfully ask that this Petition be properly filed and that the Mayor and Council of the City adopt the Resolution and take such other action as is proper, necessary and appropriate to enlarge the District and to fulfill the purposes for which the District is organized, as the Mayor and Council believe is proper and necessary.

The name of the existing street light improvements district to be enlarged:
City of Surprise, Arizona Sun City Grand Lighting Improvement District No. 2

PETITIONERS: Please print and sign your name

PRINT BUSINESS/ PETITIONER'S NAME	ADDRESS OF PROPERTY OWNED WITHIN DISTRICT	ASSESSOR PARCEL #	SIGNATURE
Sun Health Colonnade An Arizona Non Profit Corporation	19116 Colonnade Way Surprise, AZ 85374	503-60-972	 Joseph E. La Rue, EVP



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

AVAILABILITY

This rate schedule is applicable to those portions of cities, towns and unincorporated communities in which the Company does a general retail electric business and where the Company has installed a multiple or series street lighting system of adequate capacity for the service to be rendered.

DESCRIPTION

E-58 is a rate that is applicable for lighting public streets, alleys, thoroughfares, public parks and playgrounds from dusk to dawn by use of Company's facilities.

TIME PERIODS

Dusk: Time between sunset and full night when photocontrol senses the lack of sufficient sunlight and turns on the lights.
Dawn: The time between full night and sunrise when a photocontrol senses sufficient sunlight to turn off lights.

CHARGES

The monthly bill will consist of the following charges, plus adjustments.

I. FIXTURES (Includes Mounting Arm, if Applicable)

	Lumen	Watts	kWh	CHARGES	
				Investment by Company	Investment by Others
A. Acorn	3,835 LED	75	26	\$21.63	\$7.59
	4,796 LED	75	26	\$17.38	\$6.46
	5,003 LED	100	35	\$23.45	\$8.71
	5,904 LED	100	35	\$23.03	\$8.60
	6000 IND	85	29	\$19.24	\$5.14
B. Architectural	6,200 IND	85	29	\$10.13	\$3.93
	8,400 IND	100	34	\$10.69	\$4.36
	10,200 IND	120	41	\$11.75	\$4.99
	13,000 IND	150	52	\$12.98	\$5.93
	20,500 IND	200	69	\$14.78	\$7.37
	22,500 IND	265	91	\$17.63	\$9.28
	3,300 LED	43	15	\$10.24	\$3.79
	3,800 LED	32	12	\$7.73	\$2.92
	3,900 LED	32	12	\$9.96	\$3.51
	4,050 LED	63	22	\$18.63	\$6.52
	4,100 LED	45	16	\$10.34	\$3.89
	4,800 LED	41	15	\$8.27	\$3.27
	5,000 LED	41	15	\$9.61	\$3.62



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

	CHARGES				
	Lumen	Watts	kWh	Investment by Company	Investment by Others
	5,100 LED	60	21	\$10.18	\$4.19
	5,300 LED	67	24	\$10.47	\$4.48
	5,800 LED	94	32	\$17.81	\$5.16
	5,890 LED	89	31	\$20.56	\$7.66
	6,000 LED	62	22	\$18.63	\$6.52
	6,000 LED	67	24	\$19.89	\$6.99
	6,400 LED	89	31	\$17.89	\$5.10
	6,810 LED	101	35	\$18.89	\$7.50
	7,100 LED	62	22	\$19.70	\$6.80
	7,400 LED	127	44	\$20.42	\$6.34
	7,500 LED	73	26	\$20.08	\$7.18
	7,700 LED	86	30	\$18.41	\$7.02
	8,200 LED	88	31	\$10.45	\$4.97
	8,200 LED	95	33	\$11.87	\$5.48
	8,300 LED	72	25	\$17.93	\$6.54
	8,300 LED	106	37	\$12.45	\$5.91
	8,500 LED	88	31	\$11.69	\$5.30
	9,020 LED	139	48	\$22.94	\$9.47
	9,200 LED	139	48	\$25.60	\$7.30
	9,900 LED	130	45	\$13.82	\$6.84
	10,000 LED	93	32	\$21.43	\$7.96
	10,000 LED	113	39	\$13.26	\$6.28
	10,600 LED	126	44	\$22.56	\$9.09
	11,100 LED	108	38	\$12.76	\$6.07
	11,500 LED	108	38	\$13.16	\$6.18
	12,300 LED	203	70	\$25.48	\$8.85
	12,900 LED	119	41	\$22.31	\$8.82
	13,260 LED	202	70	\$27.11	\$12.12
	13,620 LED	202	70	\$28.49	\$9.24
	14,000 LED	171	59	\$26.07	\$11.08
	15,000 LED	136	47	\$24.93	\$9.94
	15,400 LED	144	50	\$25.21	\$10.22
	18,300 LED	162	56	\$16.13	\$8.22
	19,200 LED	257	89	\$26.87	\$13.38
	20,000 LED	258	89	\$26.87	\$13.38
	20,300 LED	193	67	\$17.17	\$9.26
	21,000 LED	193	67	\$24.77	\$11.28
C. Cobra	6,200 IND	75	26	\$10.54	\$3.77
	6,400 IND	85	29	\$8.97	\$3.78
	8,000 IND	88	30	\$10.47	\$4.04
	8,400 IND	100	34	\$9.70	\$4.24
	10,200 IND	120	41	\$10.44	\$4.81



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

				CHARGES				
				Investment by Company	Investment by Others			
				Lumen	Watts	kWh		
C. Cobra				13,000 IND	150	52	\$11.50	\$5.73
				15,250 IND	200	69	\$13.86	\$7.25
				22,500 IND	250	86	\$18.55	\$9.06
		Gray / Bronz		3,500 IND	55	19	\$10.50	\$3.27
				6,000 LED	95	33	\$17.05	\$5.13
				8,700 LED	142	49	\$19.17	\$6.53
				9,600 LED	157	54	\$20.40	\$7.04
				11,600 B-LED	181	62	\$19.03	\$7.44
		Gray / Bronz		3,300 LED	43	15	\$9.00	\$2.79
		Gray / Bronz		5,300 LED	67	23	\$10.45	\$3.54
		Gray / Bronz		8,300 LED	106	37	\$13.55	\$4.94
		Gray / Bronz		10,500 LED	130	45	\$15.08	\$5.69
		Gray / Bronz		20,000 LED	258	89	\$26.21	\$10.27
D. Decorative Transit				5,300 LED	75	26	\$28.44	\$6.12
				8,300 LED	100	34	\$30.45	\$6.97
				8,147 LED	75	26	\$35.76	\$11.36
				9,522 LED	100	35	\$36.14	\$12.09
				10,500 LED	150	52	\$32.69	\$8.52
				14,896 LED	150	52	\$39.98	\$14.29
		Double		8,147 LED	75	26	\$64.74	\$18.96
		Double		9,522 LED	100	35	\$64.67	\$19.58
		Double		14,896 LED	100	52	\$70.67	\$22.32
		Copper		6,000 IND	85	29	\$18.87	\$5.09
		Gray / Black		8,000 IND	88	30	\$14.86	\$4.62
		Gray / Black		4,350 LED	86	30	\$13.48	\$4.44
E. Flood				14,470 LED	148	51	\$23.93	\$9.95
				16,000 LED	125	43	\$23.17	\$9.19
F. Pendant				8,678 LED	75	26	\$26.36	\$8.85
				13,964 LED	100	35	\$27.84	\$9.88
G. Post Top				4,350 LED	86	30	\$13.43	\$5.69
				6,400 LED	30	30	\$13.43	\$5.69
				6,600 LED	83	29	\$13.33	\$5.59
H. Roadway				3,300 LED	43	15	\$9.46	\$3.58
				3,800 LED	32	12	\$7.24	\$2.79
				3,900 LED	32	12	\$9.18	\$3.30
				4,100 LED	45	16	\$9.56	\$3.68
				4,800 LED	41	15	\$7.76	\$3.13
				5,000 LED	41	15	\$9.12	\$3.49
				5,100 LED	60	21	\$9.69	\$4.06
				5,300 LED	67	24	\$9.98	\$4.35
				8,200 LED	88	31	\$9.72	\$4.77



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

	8,200 LED	95	33	\$11.36	\$5.34
	8,300 LED	106	37	\$11.74	\$5.72
	8,500 LED	88	31	\$11.18	\$5.16
	9,900 LED	130	45	\$13.31	\$6.70
	10,000 LED	113	39	\$12.75	\$6.14
	11,100 LED	108	38	\$12.03	\$5.88
	11,500 LED	108	38	\$12.65	\$6.04
	18,300 LED	162	56	\$15.23	\$7.98
	19,200 LED	257	89	\$19.11	\$11.32
	20,000 LED	258	89	\$19.11	\$11.32
	20,300 LED	193	67	\$16.27	\$9.02
	21,000 LED	193	67	\$17.01	\$9.22

FROZEN	4,000 INC	295	103	\$10.54	\$5.89
	7,000 MV	175	73	\$13.65	\$7.83
	11,000 MV	250	96	\$17.09	\$10.43
	20,000 MV	400	150	\$26.84	\$15.21
FROZEN ACORN	9,500 HPS	100	41	\$29.14	\$9.93
	16,000 HPS	150	69	\$32.35	\$12.55
FROZEN ARCHITECTURAL	9,500 HPS	100	41	\$16.56	\$7.90
	16,000 HPS	150	69	\$19.77	\$19.34
	30,000 HPS	250	99	\$22.95	\$13.57
	50,000 HPS	400	153	\$28.32	\$19.53
	14,000 MH	175	72	\$23.17	\$12.70
	21,000 MH	250	101	\$26.31	\$15.66
	36,000 MH	400	159	\$32.89	\$21.54
	8,000 LPS	55	30	\$24.08	\$10.58
	13,500 LPS	90	50	\$28.39	\$12.76
	22,500 LPS	135	72	\$32.43	\$15.56
FROZEN COBRA ROADWAY	33,000 LPS	180	90	\$39.01	\$18.33
	5,800 HPS	70	29	\$9.40	\$5.56
	9,500 HPS	100	41	\$11.07	\$6.81
	16,000 HPS	150	69	\$13.86	\$9.50
FROZEN COBRA ROADWAY	30,000 HPS	250	99	\$16.72	\$12.35
	50,000 HPS	400	153	\$22.69	\$17.63
	14,000 MH	175	72	\$16.12	\$10.99
	21,000 MH	250	101	\$18.84	\$13.67
	36,000 MH	400	159	\$24.81	\$18.99
FROZEN DECORATIVE TRANSIT	8,000 FL	100	38	\$18.53	\$5.43
	9,500 HPS	100	41	\$39.95	\$11.96
	16,000 HPS	150	69	\$39.72	\$13.36
FROZEN FLOOD	30,000 HPS	250	99	\$45.74	\$17.26
	30,000 HPS	250	99	\$22.20	\$13.79
	50,000 HPS	400	153	\$27.53	\$19.14
	21,000 MH	250	101	\$23.69	\$14.58
FROZEN Colonial Gray	36,000 MH	400	159	\$28.89	\$19.76
	8,000 FL	100	38	\$19.97	\$5.64



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

POST TOP	Colonial Gray	9,500 HPS	100	41	\$11.42	\$7.16
	Colonial Black	9,500 HPS	100	41	\$13.15	\$7.41
	Decorative	9,500 HPS	100	41	\$34.97	\$11.03

NOTES:

1. Investment by Company. These rates are applicable where the Company provides the initial investment to purchase and install all facilities necessary for street lighting service. The Company will own, operate, and maintain the street lighting system.
2. Investment by Others. These rates are applicable in those instances where the requesting entity or individual purchases and installs the street lighting facilities at their own expense and in accordance with Company specifications. These rates will also apply in the instance where the Customer provides a non-refundable advance to the Company to cover the Company's cost of purchasing and installing the street lighting system. The Company retains ownership of the street lighting system and provides operation and maintenance for all facilities.
3. Listed kWhs reflect the assigned monthly energy usage for each type of fixture and are used to determine any applicable transmission, system benefit, distribution, energy, and adjustment charges.
4. HPS = High Pressure Sodium
5. MH = Metal Halide
6. LPS = Low Pressure Sodium
7. FL = Fluorescent
8. INC = Incandescent. Incandescent lighting charges are applicable and available only to those Customers being served and those installations in service on November 1, 1986.
9. MV = Mercury Vapor. Mercury Vapor lighting charges are applicable and available only to those Customers being served and those installation in service on November 1, 1986 in accordance with A.R.S. §49-1104(A).
10. LED = Light Emitting Diode
11. IND = Induction



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

II. POLES

				CHARGES		
				Investment by Company	Investment by Others	
A. Anchor Base Mounted (Flush)	Round Steel	1 Simplex Adapter	Height			
			12 ft.	\$13.11	\$1.81	
			22 ft.	\$14.75	\$2.03	
			25 ft.	\$15.97	\$2.21	
			30 ft.	\$18.34	\$2.52	
		32 ft.	\$19.27	\$2.55		
		2 Simplex Adapters	12 ft.	\$13.98	\$1.93	
			22 ft.	\$16.06	\$2.22	
			25 ft.	\$16.75	\$2.31	
			30 ft.	\$19.47	\$2.68	
	32 ft.		\$20.77	\$2.87		
	Square Steel	5"	13 ft.	\$15.03	\$2.06	
			15 ft.	\$13.43	\$1.85	
			23 ft.	\$15.93	\$2.19	
			25 ft.	\$17.51	\$2.41	
			28 ft.	\$19.44	\$2.67	
			32 ft.	\$19.33	\$2.66	
	Concrete		12 ft.	\$44.79	\$6.17	
	Fiberglass		12 ft.	\$37.93	\$5.22	
	Decorative Transit		4"	16 ft.	\$36.98	\$5.10
	Decorative Transit		6"	30 ft.	\$71.39	\$9.83
	Hinged Poles		Square	15 ft.	\$14.21	\$1.16
Round			19 ft.	\$12.85	\$1.05	
B. Anchor Base Mounted (Pedestal)	Round Steel	1 Simplex Adapter	12 ft.	\$12.61	\$1.73	
			22 ft.	\$14.26	\$1.96	
			25 ft.	\$15.46	\$2.13	
			30 ft.	\$17.85	\$2.47	
			32 ft.	\$18.75	\$2.58	
		2 Simplex Adapters	12 ft.	\$13.47	\$1.85	
			22 ft.	\$15.05	\$2.06	
			25 ft.	\$16.24	\$2.23	
			30 ft.	\$18.97	\$2.60	
			32 ft.	\$20.26	\$2.79	
		3 Bolt	32 ft.	\$23.28	\$3.20	
		Square Steel	5"	13 ft.	\$14.54	\$2.01
				15 ft.	\$14.86	\$2.03
				23 ft.	\$15.43	\$2.13
	25 ft.			\$17.02	\$2.36	
	28 ft.			\$18.91	\$2.60	
	32 ft.			\$19.63	\$2.69	



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

II POLES (cont)

			CHARGES			
			Investment by Company	Investment by Others		
			Height			
C. Direct Bury	Round Steel		19 ft.	\$19.84	\$2.74	
			30 ft.	\$15.49	\$2.87	
			38 ft.	\$18.90	\$2.94	
		Self	40 ft.	\$23.28	\$3.69	
		Stepped	25 ft.	\$53.55	\$4.37	
			32 ft.	\$56.40	\$4.60	
			49 ft.	\$70.00	\$9.65	
		Square Steel	4"	34 ft.	\$17.09	\$2.96
			5"	20 ft.	\$16.23	\$2.68
	30 ft.			\$16.92	\$2.79	
	38 ft.			\$18.36	\$3.19	
	8"		28 ft.	\$30.64	\$2.49	
			32 ft.	\$32.03	\$2.62	
	Decorative Transit		41 ft 6	\$22.05	\$3.24	
	Decorative Transit	47 ft.	\$27.47	\$4.04		
	Steel Distribution Pole (for lighting only)	35 ft.	\$25.36	\$3.34		
D. Post Top	Decorative Transit Anchor Base	16 ft.	\$37.77	\$5.19		
	Gray Steel/Fiberglass	23 ft.	\$13.10	\$2.15		
	Black Steel	23 ft.	\$14.44	\$2.38		
E. Existing distribution pole suitable for streetlight use			\$1.59	--		
F. FROZEN	Wood Poles	30 ft.	\$9.64	\$1.67		
		35 ft.	\$9.64	\$1.59		

NOTE: The monthly rate for all new poles includes up to 300 feet of overhead secondary wire, or up to 300 feet of underground secondary wire if the Customer provides earthwork and conduit (excluding the underground to overhead transition).

III. ANCHOR BASE

			CHARGES	
			Investment by Company	Investment by Others
A. Flush		Height		
		4 ft.	\$10.67	\$1.47
		6 ft.	\$12.73	\$2.21
B. Pedestal		8 ft.	\$14.59	\$2.54
	For 32' Round Steel Pole only	4 ft. 6"	\$10.12	\$1.75



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

IV. CHARGES FOR OPTIONAL OR ADDITIONAL EQUIPMENT

		CHARGE
		Company Owned
Underground Circuit Charges:		
a.	Per foot of cable, installed under paving	\$0.17000
b.	Per foot of cable, not installed under paving	\$0.06000

V. DETERMINATION OF CHARGES FOR NEW EQUIPMENT

Monthly charges for new lighting fixtures, poles and other equipment not included in Sections I, II, or III above will be determined by the Company using the following method:

Step 1 Determination of Charges for each Charge Type							Monthly Fixed Charge Rate
Charge Type	Monthly Charge		Cost Inputs Equipment Cost		PV Factor		
1	Carrying Cost (fixtures)	=	(installed)	x	NA	x	1.518%
			Equipment Cost				
2	Carrying Cost (poles)	=	(installed)	x	NA	x	1.296%
			Equipment Cost				
3	Fixture Replacement Cost	=	Equipment Cost (installed)	x	0.257	x	1.518%
4	Pole, Anchor Replacement Cost	=	Equipment Cost (installed)	x	0.110	x	1.296%
5	Lighting O&M	=	O&M Cost (lifecycle)	x	0.427	x	1.518%
Charge Type	Monthly Charge		kWh Input		\$/kWh		
6	Generation	=	kWh per month	x	0.06760		
7	T&D, RCS, SB	=	kWh per month	x	0.02738		



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

Step 2 **Determination of Total Monthly Charge**
The total monthly charge will be the summation of the charges for each applicable charge type

<u>Equipment</u>	<u>Charge Type</u>
Fixture - IBC	1,5,6,7
Fixture - IBO	3,5,6,7
Pole, Anchor Base - IBC	2
Pole, Anchor Base - IBO	4

TRIP CHARGE

A \$100.00 trip charge per light will be charged when a Customer requests a disconnect or reconnect of service in order to accommodate the maintenance activities of the Customer or its designee(s) on their street lighting equipment.

ADJUSTMENTS

The bill will include the following adjustments:

1. The Renewable Energy Standard charge, Adjustment Schedule REAC-1.
2. The Power Supply Adjustment charges, Adjustment Schedule PSA-1.
3. The Transmission Cost Adjustment charge, Adjustment Schedule TCA-1.
4. The Environmental Improvement Surcharge, Adjustment Schedule EIS.
5. The Demand Side Management Adjustment charge, Adjustment Schedule DSMAC-1.
6. The Lost Fixed Cost Recovery Adjustment charge, Adjustment Schedule LFCR.
7. Direct Access Customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge, Adjustment Schedule RCDAC-1.
8. Any applicable taxes and governmental fees that are assessed on APS's revenues, prices, sales volume, or generation volume.

SERVICE DETAILS

1. Street lighting facilities installed under this rate schedule are of the type currently being furnished by Company as standard at the time service is initially requested. Standard facilities are those listed in the Company's Transmission and Distribution Construction Standards book.



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

2. The Customer will be responsible for notifying the Company when the streetlighting facilities are not operating as intended. The Company will use reasonable efforts to complete normal maintenance (replacement of lamps, photocontrols or fixtures) within ten (10) working days from notification by Customer. If the maintenance requires cable replacement or repairs, the Company will use reasonable efforts to complete said repairs within twenty (20) working days.
3. The Customer's bill will not be reduced due to lamp, photocontrol or cable repair or replacement outages.
4. Lighting equipment which is not specified in this rate schedule will be billed at the rates corresponding to the most similar equipment, as determined by the Company.
5. Non-standard facilities (non-standard being defined as any facility not listed in the Company's Transmission and Distribution Construction Standards book) do not qualify for this rate schedule. At the Company's discretion, such facilities may be served under another of the Company's rate schedules.
6. The Company will extend its standard street lighting system up to a distance of 300 feet for each additional lighting installation without cost at the request of the Customer. When the extension is underground the customer will provide earthwork as specified in the Company's Service Schedule 3, Conditions Governing Extensions of Electric Distribution Lines and Services; or, at the applicant's request, the Company will provide such earthwork and the applicant will be required to pay a non-refundable contribution in aid of construction equal to the cost of such earthwork. Any additional extension required (over and above the first 300 feet) will be provided by Company for a contribution in aid of construction equal to the cost of the additional extension.
 - a. Extensions to isolated areas requiring a substantial extension of the electric distribution system, as opposed to an extension of the street lighting system, will require a special study to determine the terms and conditions under which the Company will undertake such an extension.
7. APS provides electric service under the Company's Service Schedules. These schedules provide details about how the Company serves its Customers, and they have provisions and charges that may affect the Customer's bill. In addition, service may be subject to special terms and conditions as provided for in a Customer contract or service agreement.

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ASSISTED LIVING AT THE COLONNADE

STREET LIGHT DESIGN

STREET LIGHTING REQUIREMENTS

5.00 GENERAL NOTES:

THE FOLLOWING INFORMATION IS PROVIDED TO EMPHASIZE CRITICAL WORK AND IS INTENDED TO SUPPLEMENT THE SPECIFICATIONS. SHOULD THERE BE A CONFLICT WITH THE SPECIFICATIONS, THIS DOCUMENT SHALL TAKE PRECEDENCE.

ALTERNATES SHALL BE PRE-APPROVED BY THE CITY ENGINEERING MANAGER. APPROVAL OF ALTERNATE PRODUCTS SHALL BE ON AN EQUAL BASIS WITH THE PRODUCT SPECIFIED AND SHALL BE SUBMITTED A MINIMUM OF TEN (10) DAYS PRIOR TO BID OPENING. STRUCTURAL CALCULATIONS SHALL BE FURNISHED FOR ALTERNATE PRODUCTS AND CERTIFIED BY A STRUCTURAL ENGINEER, REGISTERED IN THE STATE OF ARIZONA. LUMINAIRES AND LAMPS SHALL MEET OR EXCEED THE PHOTOMETRIC, ELECTRICAL, AND MECHANICAL REQUIREMENTS FOR THE SPECIFIED PRODUCTS.

THE CONTRACTOR SHALL COMPLY WITH STATE AND CITY STATUTES, AND MANUFACTURER'S RECOMMENDATIONS.

THE SUBMITTAL PACKAGE SHALL CONSIST OF THREE (3) COPIES OF EQUIPMENT/MATERIAL TO BE INSTALLED AND SHALL BE BOUND/STAPLED IN A FOLDER AND SUBMITTED AT THE TIME OF PERMIT APPLICATION.

PRIOR TO SUBMITTING A PROPOSAL, THE BIDDER SHALL EXAMINE ALL GENERAL CONSTRUCTION DRAWINGS AND VISIT THE CONSTRUCTION SITE TO BECOME FAMILIAR WITH EXISTING CONDITIONS UNDER WHICH HE WILL OPERATE AND WHICH WILL IN ANY WAY AFFECT THE WORK UNDER THE CONTRACT. NO SUBSEQUENT ALLOWANCE WILL BE MADE IN THIS CONNECTION IN THE BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLIGENCE ON HIS PART.

PRIOR TO ORDERING ANY MATERIALS OR DOING ANY WORK, THE CONTRACTOR SHOULD VERIFY DIMENSIONS AT THE SITE. IMMEDIATELY REPORT DIFFERENCES TO THE ENGINEERING MGR. AND SHOULD NOT PROCEED WITH WORK UNTIL THE ENGINEERING MGR. RENDERS A DECISION. NO EXTRA CHARGES OR COMPENSATION WILL BE ALLOWED FOR DIFFERENCES IN ACTUAL DIMENSIONS AND DIMENSIONS INDICATED ON THE DRAWINGS.

5.01 GENERAL:

THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH ALL LICENSING REQUIREMENTS SET FORTH BY THE STATE REGISTRAR OF CONTRACTORS OFFICE TO PERFORM WORK RELATING TO STREET LIGHT INSTALLATION IN THE CITY RIGHT-OF-WAY.

ONE PROJECT UNDERGROUND UTILITIES (RIGHT OF WAY) PERMIT AND ONE STREETLIGHT PERMIT FOR EACH STREET LIGHT POLE SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

5.02 WORKING / "AS BUILT" PLANS:

ACCEPTANCE OF THE COMPLETED IMPROVEMENTS WILL NOT BE GIVEN UNTIL 4 MIL PHOTO MYLAR REPRODUCIBLE "AS BUILT" PLANS HAVE BEEN SUBMITTED TO AND APPROVED BY THE CITY ENGINEER.

5.03 LIGHT POLES:

LIGHT POLES SHALL BE INSTALLED PLUMB, BE ADJUSTED TO PROVIDE PROPER ALIGNMENT TO THE ROADWAY BEING LIGHTED AND BE PROPERLY GROUNDED WHEN THE INSTALLATION IS COMPLETE.

5.04 EMBEDMENT:

DIRECT BURIED POLES SHALL BE SET IN A TWELVE (12) INCH AUGURED HOLE DEPTH AS SPECIFIED IN UNDISTURBED EARTH. POLE SHALL BE SET PLUMB IN TWO DIRECTIONS 90 DEGREES APART. HAND TAMPING OF ABC BACKFILL WITH PNEUMATIC OR VIBRATING EQUIPMENT IS THE ACCEPTABLE METHOD OF COMPACTION. BACKFILL SHALL BE COMPACTED TO 85% OF MAXIMUM DENSITY AS DEFINED BY ASTM D-2922 AND D-3017. A GROUND ROD SHALL BE INSTALLED ADJACENT TO PULL BOX IN UNDISTURBED SOIL AND A LEAD IN COPPER BOND WIRE (#6) SHALL BE INSTALLED IN 1" CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT (OR EQUAL) FOR POLE GROUNDING.

SURPLUS EXCAVATION SHALL BE DISPOSED OF BY THE CONTRACTOR.

5.05 LUMINAIRES:

LUMINAIRES SHALL BE INSTALLED LEVEL AND INCLUDE A LAMP AND PHOTOCCELL. CONTRACTOR SHALL ASSURE THAT THE LUMINAIRES SHALL BE FREE OF DUST, DIRT OR ANYTHING THAT WOULD IMPAIR THE OUTPUT OF THE LIGHT BEFORE HE LEAVES THE SITE.

LUMINAIRES FURNISHED WITH MULTI-TAP BALLASTS SHALL BE REWIRED OR RECONNECTED TO MATCH THE VOLTAGE SUPPLIED BY THE ELECTRIC UTILITY COMPANY.

5.06 WIRING:

WIRING SHALL BE INSTALLED PER UTILITY STANDARDS.

5.07 GROUNDING:

EACH POLE SHALL HAVE A 8' X 5/8" COPPER CLAD GROUND ROD DRIVEN ADJACENT TO PULL BOX. A #6 BARE COPPER LEAD FROM THE GROUND ROD IN PULL BOX TO LANDING LUG IN STREET LIGHT POLE HAND HOLE.

5.08 PULL BOXES:

EXCAVATION FOR PULL BOXES AND MATERIAL SPECIFICATION SHALL BE PER THE ELECTRIC UTILITY COMPANY STANDARDS.

5.09 TRENCH

TRENCH SHALL BE INSTALLED PER THE UTILITY COMPANY STANDARDS.

THE USE OF A COMMON ELECTRIC UTILITY COMPANY TRENCH IS PERMITTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE UTILITY COMPANY FOR COORDINATION OF TRENCHING AND THE INSTALLATION OF CONDUIT.

5.10 CONDUIT:

CONDUIT SHALL BE INSTALLED AT THE DEPTH SPECIFIED ON THE PLANS. CONDUIT SHALL BE 1 INCH CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT OR EQUAL. CONDUIT MUST BE UL RATED AND SUITABLE FOR UNDERGROUND USE.

5.11 CONNECTIONS:

CONNECTIONS SHALL BE PER UTILITY STANDARDS.

5.12 LIGHT POLE IDENTIFICATION:

THE CONTRACTOR SHALL FURNISH AND INSTALL A NUMBER ON EACH LIGHT POLE. STREET LIGHT POLE IDENTIFICATION AND SPECIFICATIONS WILL BE PROVIDED BY THE CITY OF SURPRISE.

5.13 RESTORATION:

IT IS THE CONTRACTOR'S RESPONSIBILITY TO RESTORE ALL PROPERTY, LANDSCAPING, PAVING AND DRIVEWAYS THAT ARE DISTURBED DURING STREET LIGHT CONSTRUCTION TO THEIR ORIGINAL CONDITION IN CONFORMANCE WITH "MAG" SPECIFICATION SECTION 107.9.

5.14 TEST:

THE DEVELOPER SHALL BE RESPONSIBLE FOR FURNISHING ALL PERSONNEL AND EQUIPMENT TO SUCCESSFULLY PERFORM THE FOLLOWING TEST.

5.14.01 PERFORMANCE:

PRIOR TO ACCEPTANCE, THE DEVELOPER SHALL ENERGIZE AND OPERATE THE ENTIRE ROADWAY LIGHTING SYSTEM, FROM SUNSET TO SUNRISE FOR TWO CONSECUTIVE DAYS WITHOUT INTERRUPTION OR FAILURE. IF A LAMP OR BALLAST SHOULD FAIL, IT SHALL BE IMMEDIATELY REPLACED.

5.15 WARRANTY:

THE CONTRACTOR SHALL GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE ENGINEERING MANAGER, AGAINST IMPERFECT WORKMANSHIP, FAILURE, MALFUNCTION OF MATERIALS AND/OR EQUIPMENT DUE TO FAULTY OR IMPERFECT WORKMANSHIP. THIS GUARANTEE IS TO BE IN WRITING TO THE CITY AT THE TIME OF ISSUING FINAL ACCEPTANCE. WORK FOUND TO BE DEFECTIVE WITHIN THE WARRANTY PERIOD SHALL BE REPLACED WITHOUT COST TO THE CITY.

GENERAL ENGINEERING NOTES:

- ALL CONSTRUCTION MUST CONFORM TO MARICOPA ASSOCIATION OF GOVERNMENT (MAG) SPECIFICATIONS AND DETAILS AND LATEST REVISIONS UNLESS OTHERWISE STATED ON PLANS.
- THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND THEY WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL OVERHEAD AND UNDERGROUND UTILITY LOCATIONS WHERE CONSTRUCTION OCCURS. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT ALL UTILITIES ARE AVOIDED. UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND NOT FOR CONSTRUCTION PURPOSES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AND OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT BLUE STAKE LAWS. CALL BLUE STAKE FOR FIELD LOCATION AT (602) 263-1100.
- THE CITY OF SURPRISE ENGINEERING SERVICES OF PUBLIC WORKS SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK AT 623-222-6150.
- THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION OR VARIANCE FROM THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE PROPOSED AND RESUBMITTED FOR REVIEW AND APPROVAL.
- THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE DRAWING, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE. EXISTING SURFACE FEATURES AND FENCING SHALL BE REPLACED IN KIND.
- ANY INSPECTION BY THE CITY, COUNTY, OR THE ENGINEER, SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE APPLICABLE CODES AND AGENCY REQUIREMENTS.
- THE CONTRACTOR IS TO LOCATE ALL EXISTING LANDSCAPING, LANDSCAPING IRRIGATION LINES, PROPERTY MONUMENTS, FENCING OR SURFACE FEATURES PRIOR TO CONSTRUCTION. ANYTHING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
- NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
- ALL CONSTRUCTION WATER USED WITHIN THE CITY OF SURPRISE WATER SERVICE AREA REQUIRES APPROVAL BY THE CITY OF SURPRISE PUBLIC WORKS DEPARTMENT AND MAY BE SUBJECT TO VOLUME AND TIME RESTRICTIONS. PLEASE SEE THE CITY OF SURPRISE CONSTRUCTION WATER GUIDELINES FOR ADDITIONAL INFORMATION. THE GUIDELINES CAN BE OBTAINED FROM THE PUBLIC WORKS DEPARTMENT AT 623-222-7000.
- TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH MAG SPECIFICATION 401, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND THE "TEMPORARY WORK ZONE TRAFFIC MANAGEMENT POLICY" (LATEST EDITION).
- PRIOR TO FINAL APPROVAL AND ACCEPTANCE OF THE WORK, THE DEVELOPER/CONTRACTOR WILL BE REQUIRED TO CLEAN AND REPAIR ADJACENT (OFF-PROJECT) ROADWAYS USED OR DAMAGED DURING THE COURSE OF CONSTRUCTION.
- EMERGENCY VEHICLE ACCESS (E.V.A.) MUST BE PROVIDED BY THE DEVELOPER/CONTRACTOR THROUGHOUT THE PROJECT SITE. E.V.A. ROADS AND SIGNAGE SHALL BE MAINTAINED BY THE DEVELOPER/CONTRACTOR AT ALL TIMES. SIGNAGE SHALL BE POSTED AT THE POINT OF ENTRY TO THE SITE AND AT ALL LOCATIONS WHERE A CHANGE IN DIRECTION OCCURS.
- THE PLANS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT'S ACCESSIBILITY GUIDELINES, AS PUBLISHED IN THE FEDERAL REGISTER ON SEPTEMBER 15, 2010.

NOTE

THE ELECTRICAL/MAINTENANCE COSTS OF ALL STREET LIGHTS ON LOCAL AND COLLECTOR STREETS (TYPICALLY THE 100 WATT / 9,500 LUMEN AND THE 150 WATT /16,000 LUMEN FIXTURES) ARE TO BE PAID BY THE ADJACENT PROJECT OR THE ADJACENT DEVELOPMENT'S STREET LIGHT IMPROVEMENT DISTRICT (SLID). THE ELECTRICAL / MAINTENANCE COSTS OF ALL STREET LIGHTS ON ARTERIAL STREETS (TYPICALLY THE 250 WATT/ 30,000 LUMEN FIXTURES) ARE TO BE BILLED TO THE CITY OF SURPRISE'S ENERGY BILL.

CONSTRUCTION NOTES

- (1) 88W LED (8,200 LUMEN) FIXTURE (LIGHT CODE RL42) WITH PHOTOELECTRIC CONTROL ON A 34'-0" DIRECT BURIED POLE (1940.34) WITH A 4' MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL-3). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS. CAT# ERL1-0-08-A1-30-A-DKBZ OR APPROVED EQUAL.
- INSTALL APS PULL BOX NEXT TO POLE. INSTALL 1" CONDUIT WITH (2) #14 TYPE THHN/THWN AND (1) #14 BARE BOND FROM PULL BOX TO FUSE HOLDER IN STREET LIGHT PER APS DETAILS AND SPECIFICATIONS.

LEGEND

- 88W LED STREET LIGHT
- EXISTING 150W HPS STREET LIGHT
- PULL BOX
- NEW CONDUIT RUN
- FUTURE STREET LIGHT

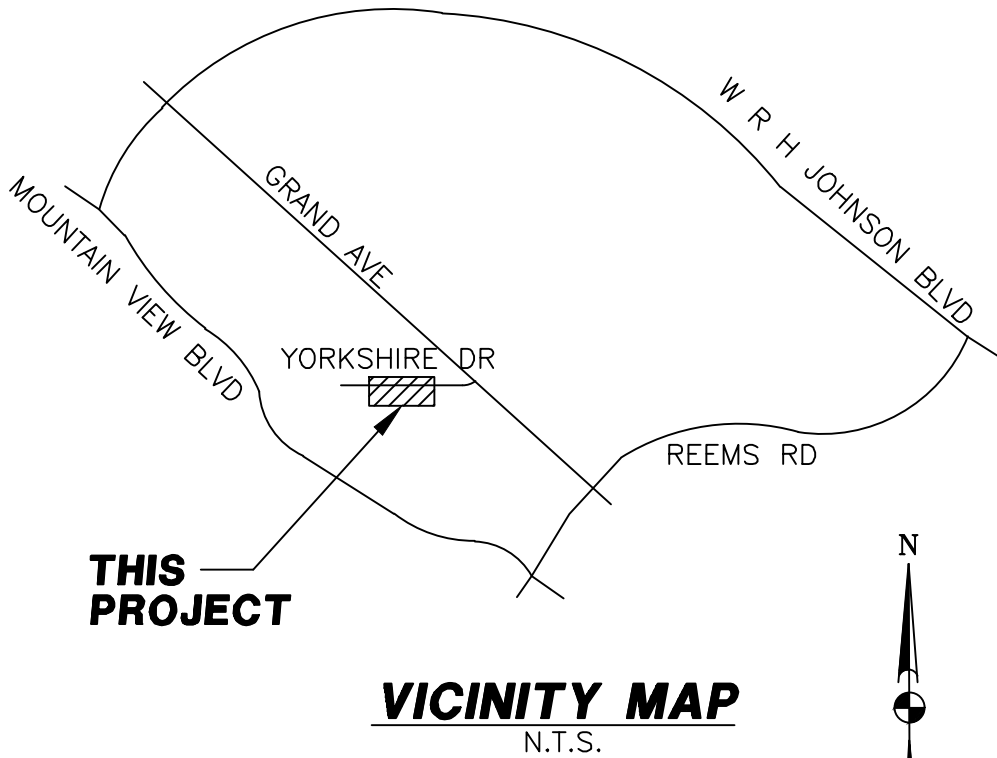
CIVIL ENGINEER:
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SUITE 250
PHOENIX, AZ 85016
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CONTACT: CASEY WHITEMAN

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165 E. CHILTON DR
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CONTACT: JACOB BIELEFELDT
EMAIL: JBIELEFELDT@WRIGHTENGINEERING.US

CITY OF SURPRISE ENGINEER

DATE

STREET LIGHTING (APS AREA)															
KEY NO.	SYMBOL	STREET TYPE	OFFSET BEHIND B/C	QUANTITY	POLE		MAST ARM	LUMINAIRE							APS STANDARD CODE NO.
					POLE HEIGHT	FOUNDATION		SIZE	MOUNTING HEIGHT	LUMENS	WATTAGE	I.E.S. DIST.	VOLTAGE	TYPE	
①		COLLECTOR	PER PLANS	3	34'-0"	DIRECT BURY	4'-0"	28'	8,200	88W	TYPE II	PER APS STANDARDS	LED	ARCHITECTURAL (SHOEBOX)	8030.S4



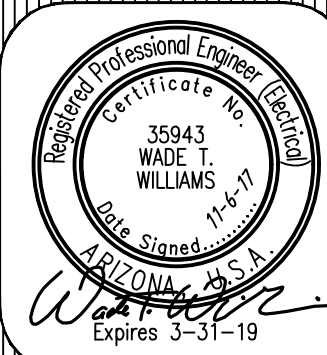
SURPRISE, ARIZONA

ASSISTED LIVING AT THE COLONNADE
YORKSHIRE DR AND GRAND AVE

STREET LIGHT COVER SHEET

NO. DATE SUBMITTALS/REVISIONS (DESCRIPTIONS)

1	OCT 2016	1ST SUBMITTAL
2	SEP 2017	2ND SUBMITTAL
3	NOV 2017	3RD SUBMITTAL



DRAWING NO:

SL1
OF 3

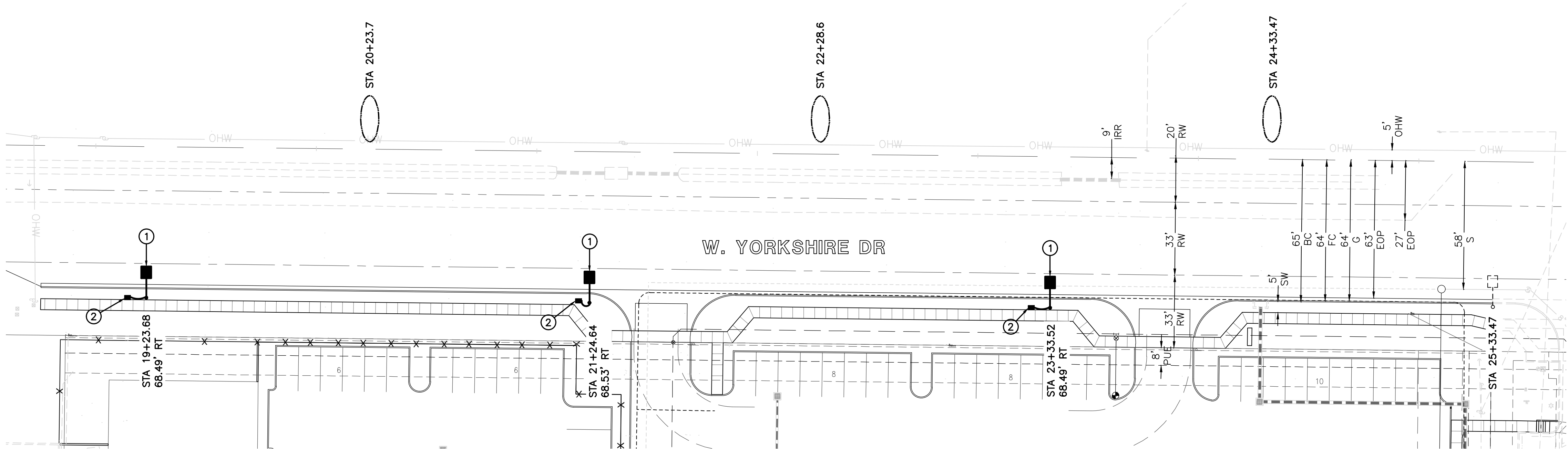
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WRIGHT ENGINEERING
PROJECT NO:
16269
DESIGN BY: JHB
DRAWN BY: JLW
CHECKED BY: WTW

WRIGHT engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
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PROJECT: TITLE:

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CONSTRUCTION NOTES

- ① (1) 88W LED (8,200 LUMEN) FIXTURE (LIGHT CODE RL42) WITH PHOTOELECTRIC CONTROL ON A 34'-0" DIRECT BURIED POLE (1940.34) WITH A 4' MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL-3). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS. CAT# ERL1-0-08-A1-30-A-DKBZ OR APPROVED EQUAL.
- ② INSTALL APS PULL BOX NEXT TO POLE. INSTALL 1" CONDUIT WITH (2) #14 TYPE THHN/THWN AND (1) #14 BARE BOND FROM PULL BOX TO FUSE HOLDER IN STREET LIGHT PER APS DETAILS AND SPECIFICATIONS.

LEGEND

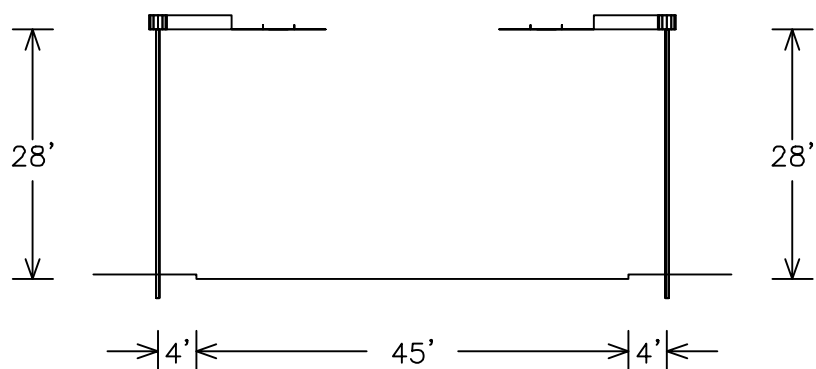
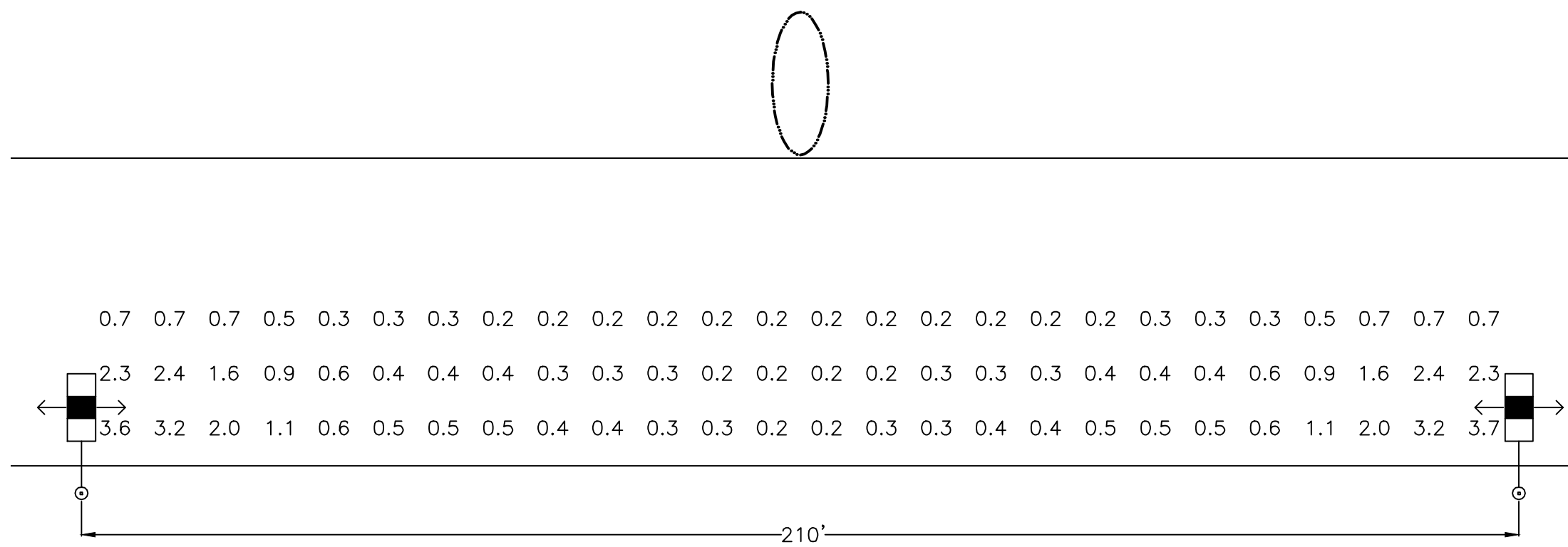
- 88W LED STREET LIGHT
- EXISTING 150W HPS STREET LIGHT
- PULL BOX
- NEW CONDUIT RUN
- FUTURE STREET LIGHT



NORTH
SCALE 1"=30'

STREET LIGHT PLANS

1"=30'

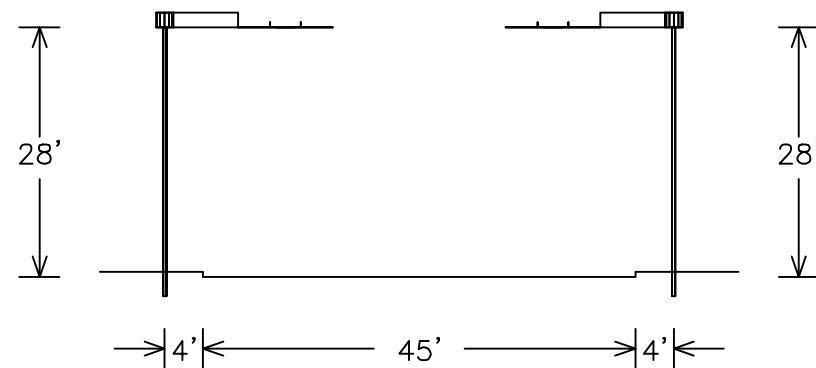
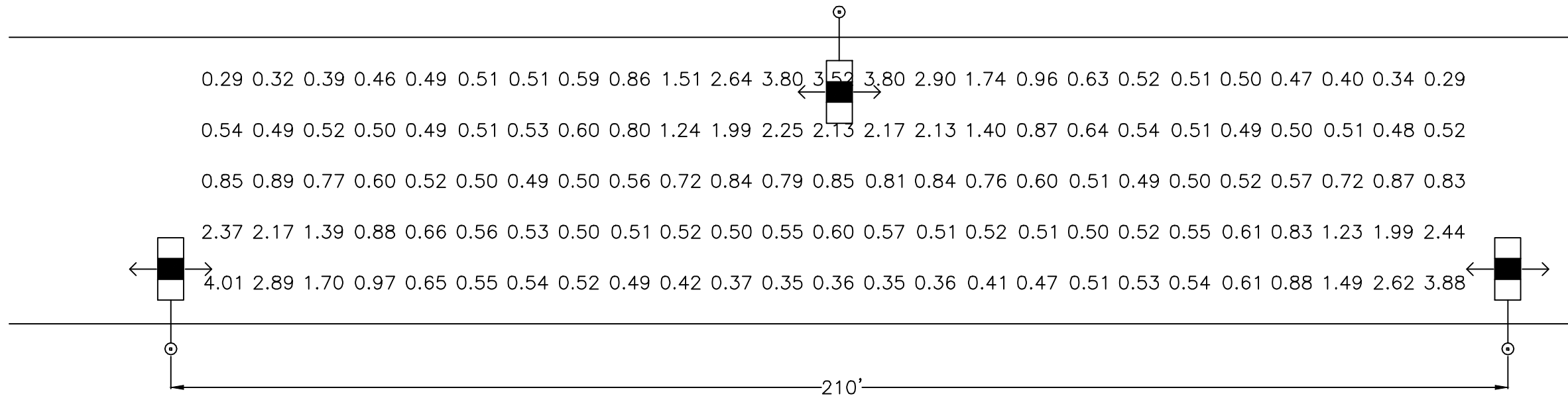


PROPOSED
78 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.7
Maximum 3.7
Minimum 0.2
Avg:Min 3.67
Max:Min 18.50
Coef Var 1.14
UniGrad 3.43

LEGEND

- 88W LED Shoebox, 3000K
Type II Distribution, 4' Mast arm (8,200 lumen)
candela file "erl1_08a130_tcm201-103994.ies"
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.910, watts per luminaire = 88
mounting height= 28 ft
number locations= 9, number luminaires= 9
kw all locations= 0.8

○ FUTURE LIGHT



FUTURE
125 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.95
Maximum 4.01
Minimum 0.29
Avg:Min 3.26
Max:Min 13.83
Coef Var 0.88
UniGrad 2.94

PROPOSED PHOTOMETRIC CALCULATIONS

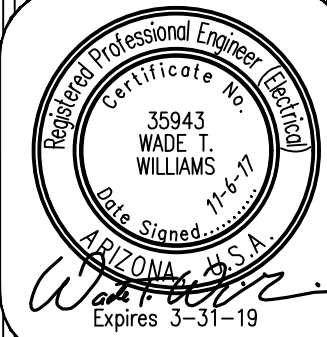
FUTURE PHOTOMETRIC CALCULATIONS

WRIGHT ENGINEERING
PROJECT NO:
16269
DESIGN BY: JHB
DRAWN BY: JLW
CHECKED BY: WTW

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PROJECT: TITLE:
ASSISTED LIVING AT THE COLONNADE
YORKSHIRE DR AND GRAND AVE
STREET LIGHT PLAN

NO.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
1	OCT 2016	1ST SUBMITTAL
2	SEP 2017	2ND SUBMITTAL
3	NOV 2017	3RD SUBMITTAL

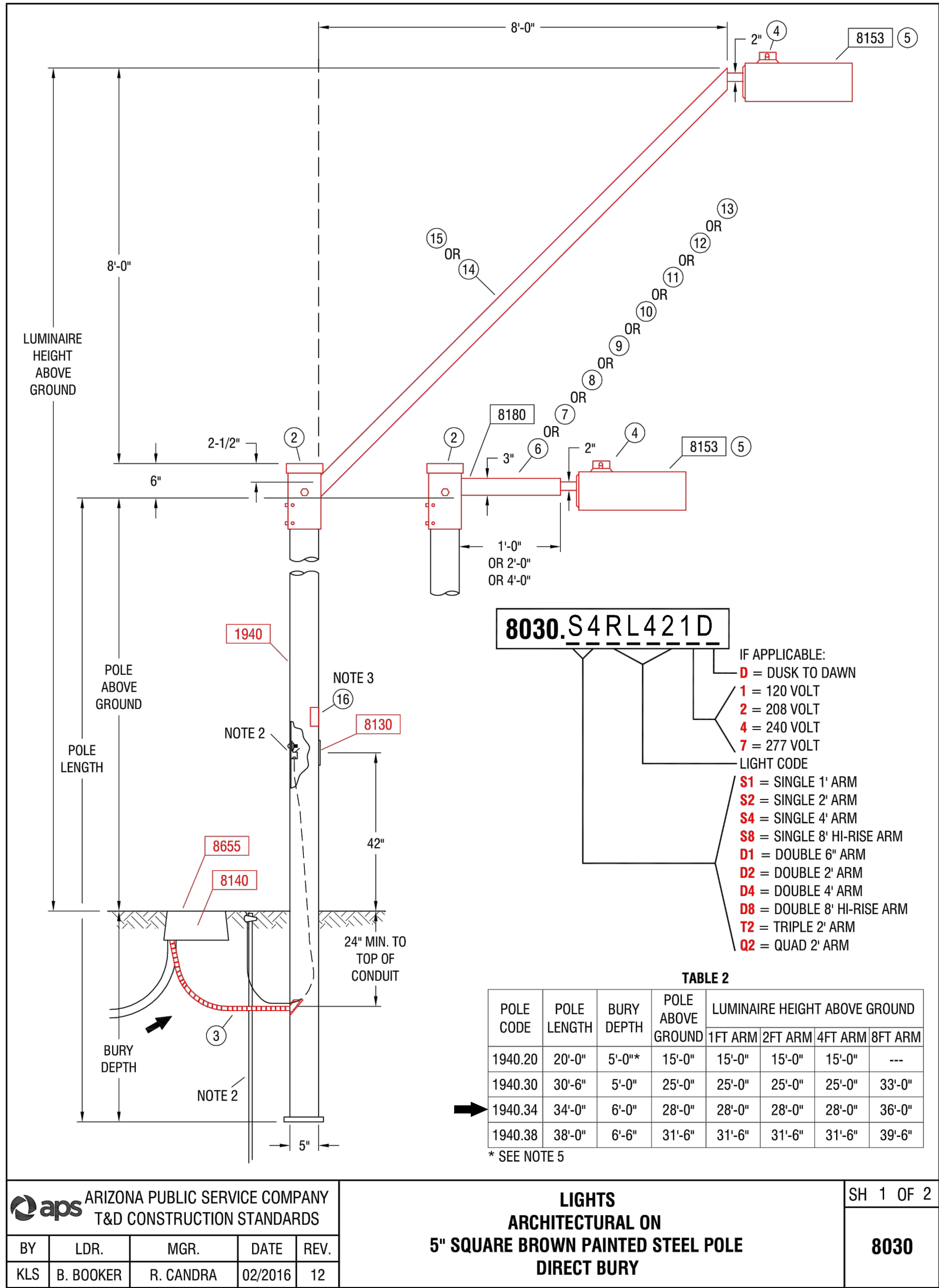


DRAWING NO:
SL2
OF 3



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NOTES:

- ADJUST PHOTO EYE TO FACE NORTH.
- A GROUND ROD IS PROVIDED WITH EACH STREET LIGHT POLE. WHERE A GROUND ROD CANNOT BE DRIVEN, ALTERNATE GROUND SHALL BE USED. SEE 2449 THRU 2460 FOR APPROVED ALTERNATES.
- SIGN, "NOTICE THIS POLE IS OWNED AND MAINTAINED BY APS. DISCONNECT INSIDE", IS REQUIRED ON ALL DUSK-TO-DAWN AND AREA LIGHTING APPLICATIONS.
- POLES THAT HAVE MORE THAN ONE LUMINAIRE REQUIRE A SEPARATE CIRCUIT WITH FUSING FROM THE J-BOX TO EACH LUMINAIRE.
- USING THE 20'-0" POLE TO MATCH THE 16'-0" PEDESTRIAN LIGHT MOUNTING HEIGHT REDUCE POLE BURY DEPTH TO 4'-0".
- THE BROWN PHOTO CONTROL IS A FAIL OFF CONTROL AND SHALL BE USED WITH ALL INDUCTION AND LED LUMINAIRES.
- ON 277 VOLT STREET LIGHT CIRCUITS, INSTALL A "277 VOLT" MICARTA TAG ON CABLE IN J-BOX. TAG PROVIDED BY SPEC 8129.
- THE LUMINAIRE SHOWN IS RECOMMENDED FOR THIS MOUNTING HEIGHT. SEE 8153 FOR ADDITIONAL BROWN ARCHITECTURAL LUMINAIRES.
- THE TWO ARMED TENON BRACKET POSITIONS THE DOUBLE ARM 180 DEGREES APART.
- TO ACCOMMODATE LESS THAN THE SPECIFIED LUMINAIRE MOUNTING HEIGHT, A SHOP ORDER IS REQUIRED TO HAVE A PORTION FROM THE TOP OF THE POLE CUT OFF. THE TENON ARM BRACKET SLIDES OVER AND COVERS THE CUT PORTION OF THE POLE.
- IN-LINE FUSE FOR UNDERGROUND FEEDS, SEE 8130-8140.
- FOR PEDESTRIAN ONLY APPLICATIONS SEE 8030.

TABLE 1

LIGHT CODE	APN	WATTS	K	TYPE	VOLTS	INITIAL LUMENS	MOUNTING HEIGHT
AH16	00099450	100			120/208/240/277	9,500	
AH17	00099451	150			120/208/240/277	16,000	
AH18	00099452	250	2100	HPS	120/208/240/277	30,000	
AH19	00099454	400			120/208/240/277	50,000	
RN40	00128250	55	2700		120/208/240/277	3,500	
RN41	00126667	100			120/208/240/277	8,400	
RN42	00132846	120			120/208/240/277	10,200	
RN43	00132850	150	5000	IND	120/208/240/277	13,000	
RN44	00121153	200			120/208/240/277	15,250	
RN45	00116527	250			120/208/240/277	22,500	
RL40	00141047	32			120/208/240/277	3,800	
RL41	00141048	41			120/208/240/277	4,800	
RL42	00141049	66	3000	LED S	120/208/240/277	8,200	
RL43	00141050	108			120/208/240/277	11,000	
RL44	00141051	162			120/208/240/277	19,000	
RL50	00128251	45			120/208/240/277	4,300	
RL52	00126804	60			120/208/240/277	5,400	
RL53	00126805	95	4000	LED S	120/208/240/277	8,600	
RL54	00126806	113			120/208/240/277	10,000	
RL56	00128365	257			120/208/240/277	19,200	
AL56	00113722	62			120/208/240/277	7,100	
AL58	00129911	72			120/208/240/277	8,300	
AL60	00113723	119	4000	LED M	120/208/240/277	12,900	
AL61	00116525	119R*			120/208/240/277	12,900	
AL62	00116526	119L*			120/208/240/277	12,900	
AL65	00107462	144			120/208/240/277	15,400	
AS20	33806772	55			120/240	8,000	
AS21	33806774	90	1700	LPS	120/240	13,500	
AS22	33806776	135			120/240	22,500	
AS23	33806778	180			120/240	33,000	

* CALL STANDARDS ENGINEERING FOR APPLICATION

MATERIAL LIST

ITEM	QTY	DESCRIPTION	APN
1	-	BRACKET ARCH SLIP BOLTED	00092251
2	1	CAP STLTL SQ-P 5.5" ARM	00100036
3	10	CONDUIT 1" PVC FLEX CORR	32900891
4	1	CONTROL PHOTO MULTI BR-20	00073241
5	1	LUMINAIRE - SEE TABLE 1	
6	-	MAST ARM STLTL 3" SQ X 1" DBL	00121154
7	1	MAST ARM STLTL 3" SQ X 1" SGL	00088370
8	-	MAST ARM STLTL 3" SQ X 2" DBL	33701117
9	-	MAST ARM STLTL 3" SQ X 2" QUAD	00052665
10	1	MAST ARM STLTL 3" SQ X 2" SGL	33701116
11	-	MAST ARM STLTL 3" SQ X 2" TPL	00052664
12	-	MAST ARM STLTL 3" SQ X 4" DBL	00073267
13	-	MAST ARM STLTL 3" SQ X 4" SGL	00061738
14	-	MAST ARM STLTL 3" SQ X 8" SGL	33701120
15	-	MAST ARM STLTL 8" BOLT-ON	00092252
16	1	SIGN POLE OWNED BY APS	00050092

ROADWAY SCALEABLE LED 3000K

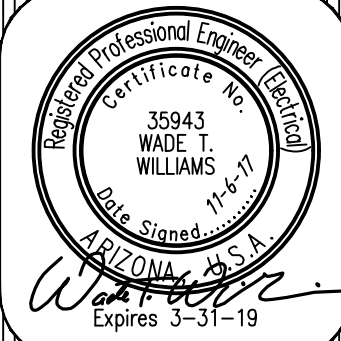
LIGHT CODE	COLOR	APN	WATTS	VOLTS	INITIAL LUMENS	PHOTOMETRIC CURVE
RL40		00140047	32	120/208/240/277	3,800	ERL1_04B130_120-277VIES
RL41		00140048	41	120/208/240/277	4,800	ERL1_05E130_120-277VIES
RL42	BRONZE	00140049	88	120/208/240/277	8,200	ERL1_08E130_120-277VIES
RL43		00140050	108	120/208/240/277	11,000	ERS1_11E130_120-277VIES
RL44		00140051	162	120/208/240/277	19,000	ERS2_19E130_120-277VIES

WRIGHT ENGINEERING
PROJECT NO:
16269
DESIGN BY: JHB
DRAWN BY: JLW
CHECKED BY: WTW

WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengr.com

SURPRISE, ARIZONA
PROJECT: ASSISTED LIVING AT THE COLONNADE
TITLE: YORKSHIRE DR AND GRAND AVE
STREET LIGHT DETAILS

NO.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
1	OCT 2016	1ST SUBMITTAL
2	SEP 2017	2ND SUBMITTAL
3	NOV 2017	3RD SUBMITTAL

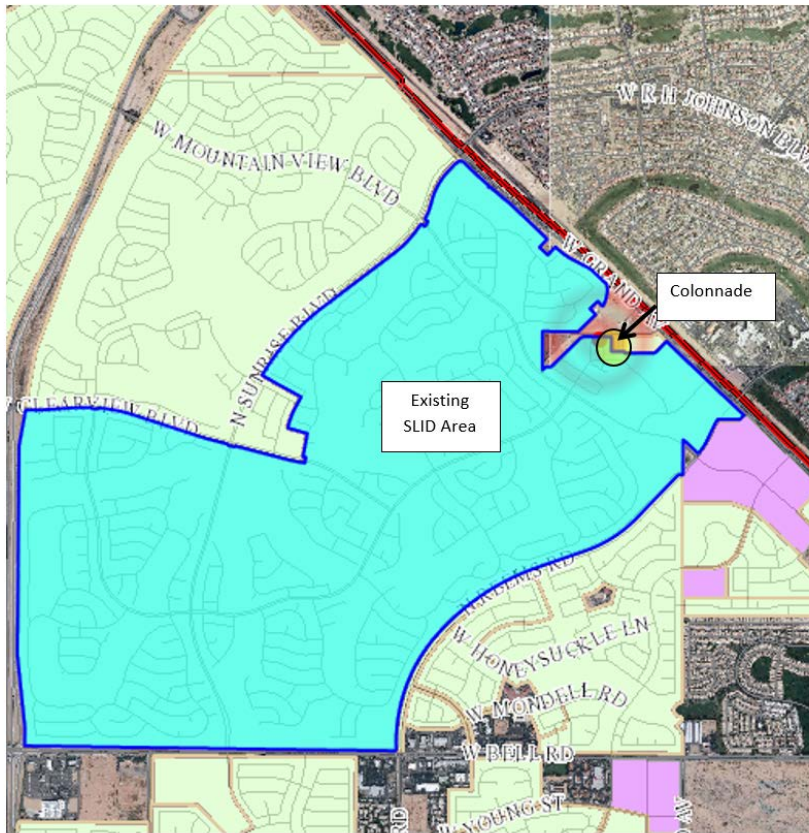


DRAWING NO:
SL3
OF 3

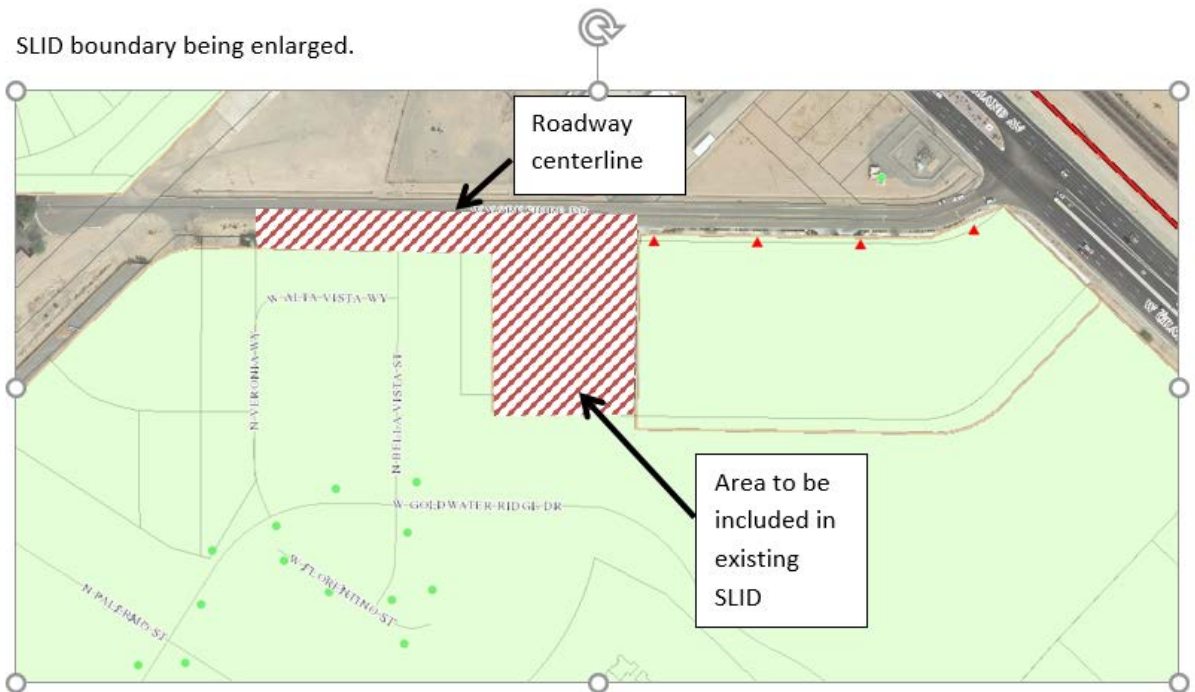
ARIZONA BLUE STAKE
CALL TWO WORKING DAYS
BEFORE YOU DIG
Dial 811 or
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

H:\2016\16269-Assisted Living at the Colonnade SL\16269-SL.dwg

Existing SLID: Sun City Grand II (Resolution 98-07)



SLID boundary being enlarged.





CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

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Council Meeting Date:	November 6, 2018	Contact Person:	Mike Gent, PW Director
Submitting Department:		District:	Citywide
Staff	None		
Recommendations:			

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to approval of an amendment to the Fiscal Year 2019 budget by reallocating appropriations of \$640,400 from Solid Waste Contingency to Public Works Solid Waste Salaries, Supplies, Services and Capital; \$600 from Grant Contingency to Information Technology General Fund operations associated with increased operational costs; and amending the Capital and Operating List of items over \$50,000; Resolution # 2018-149.

Motion:

I move to approve Resolution #2018-149.

Background:

In June of 2018, the Public Works and Finance Departments began a comprehensive effort to review and update the forecasting and rate model for the Solid Waste enterprise fund. Critical and essential program costs, operational needs, and staffing requirements were reevaluated thoroughly. Changes and updates will be subsequently incorporated into the rate model for the next five years (FY 2019 to 2024). Based on the continuing analysis at this time and in order to keep the programs whole without affecting services, the following items were identified as critical and essential budgetary needs in FY 2019 for the Solid Waste operational division: 1) base operational cost increases for landfill disposal and recyclable processing costs, residential waste containers, fuel, auto parts, vehicle maintenance, roll-off services and utility billing services; 2) addition of a new Solid Waste Equipment Operator (SWEO) position (1 FTE) due to newly-implemented trash and recycling collection routes, and; 3) addition of a new Crew Leader position (1 FTE) due to increased demands for field oversight of solid waste inspections and container delivery programs.

This budget amendment request is necessary to respond to residential growth; to maintain current service levels; to meet mandates set by state, county, and local regulations; and also to further improve solid waste service delivery.

Objective Analysis:

This item allows the Solid Waste division of Public Works and Utility Billing division of Finance to continue to operate at the same level of service as it has in the past. By not approving this item service levels will drop.

Policy Compliant:

This item is policy compliant.

Financial Impact:

The approval of this item will allow the City to process invoices and utility payments associated with Solid Waste operations for the remainder of FY2019.

Budget Impact:

The FY2019 approved annual budget for all Solid Waste collections of \$4,012,900 based on revised estimates of anticipated actual expenditures the collection budget will need an additional \$451,000 in base supplies and services and will need to hire two staff to meet ongoing operations. If approved, this item will amend the appropriated budget for FY2019 and the FY2019 Operating List of Items Over \$50,000 by adding the necessary amounts for items # 19289 (Solid Waste Containers), # 19300 (Landfill fees), #19301 (Auto Parts), #19316 (Fuel) #19319 (Vehicle Maintenance), 19314 (Uniform and Laundry Service).

FTE Impact:

There are two FTE's associated with this item.

ATTACHMENTS:

Click to download

[Resolution 2018-159](#)

RESOLUTION # 2018-149

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF SURPRISE, ARIZONA, AMENDING THE FISCAL YEAR 2019 BUDGET BY REALLOCATING APPROPRIATIONS OF \$640,400 FROM SOLID WASTE CONTINGENCY TO PUBLIC WORKS SOLID WASTE SALARIES, SUPPLIES, SERVICES AND CAPITAL, AND \$600 FROM GRANTS CONTINGENCY TO INFORMATION TECHNOLOGY GENERAL FUND OPERATIONS FOR ONE EQUIPMENT OPERATOR, ONE CREW LEADER FOR INSPECTIONS, AND ASSOCIATED BASE INCREASES FOR SUPPLIES, SERVICES AND CAPITAL RELATED TO GROWTH, INFLATION AND CHANGES IN THE RECYCLING MARKET, AND AMENDING THE CAPITAL AND OPERATING LIST OF ITEMS OVER \$50,000 ASSOCIATED WITH RELATED SUPPLIES, SERVICES AND CAPITAL.

WHEREAS, the Solid Waste division of the Public Works department needs to add an equipment operator for route modifications;

WHEREAS, the Solid Waste division of Public Works department needs to add a crew leader for inspections related to Maricopa County inspection requirements and continued growth in the solid waste service area;

WHEREAS, the Public Works department needs ongoing base increases to cover operational costs for new and replacement trash cans, fuel, landfill auto parts and vehicle maintenance due to growth and inflation factors;

WHEREAS, the FY2019 budget, including the FY2019 Capital and Operating List of Items Over \$50,000, was adopted by Council Resolution #2018-78 on June 5, 2018;

WHEREAS, the City of Surprise Procurement Code §2-388 (d) requires the authority of Mayor and Council when the cost to the city is greater than \$50,000;

WHEREAS, this action will necessitate a budget amendment; and

WHEREAS, the City of Surprise Administrative Policies requires the approval of the Mayor and Council for budget amendments of this nature.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Council of the City of Surprise, Arizona, as follows.

Section 1. That the statements and schedules attached as *Exhibit A* and incorporated by reference are adopted, amending the budget of the City of Surprise, Arizona for the fiscal year July 1, 2018 through June 30, 2019.

SIGNATURES ON THE FOLLOWING PAGE

APPROVED AND ADOPTED this ____ day of _____, 2018.

Sharon R. Wolcott, Mayor

Attest:

Approved as to form:

Sherry Aguilar, City Clerk

Robert Wingo, City Attorney

RESOLUTION # 2018-149**Exhibit A**

1. Appropriation - The allocation below represents a reallocation of appropriations in the amount of \$641,000 for one equipment operator, one crew leader for inspections, trash containers, auto parts, vehicle maintenance, landfill services and utility service fees. Additional personnel and operational costs to cover the FY19 anticipated cost of service related to solid waste collections, inspections, recycling and utility service fees based on growth and inflation. These allocations do not represent an actual transfer of funds, but only a transfer of spending authority.

Fund	Department	Project/Category	Rev/ Exp	Current Budget	Increase/ (Decrease)	Amended Budget
Solid Waste Operations	Public Works	Personnel Services	E	2,799,500	114,000	2,913,500
Solid Waste Operations	Public Works	Supplies	E	1,116,800	325,600	1,442,400
Solid Waste Operations	Public Works	Services	E	1,549,300	154,200	1,703,500
General Fund	Information Technology	Services	E	2,354,300	600	2,354,900
Solid Waste Operations	Finance	Services	E	145,200	2,100	147,300
Solid Waste Capital	Public Works	Capital	E	3,314,300	44,500	3,358,800
Solid Waste Operations	General Operations	Contingency	E	1,559,200	(640,400)	918,800
Grants	General Operations	Contingency	E	21,295,100	(600)	21,294,500

2. Full-Time Equivalent (FTE) - The expansion of the collection and inspection program requires the addition of 2 new FTEs.

Fund	Department	Current FTEs	Increase/ (Decrease)	Amended FTEs
7810	Public Works Sanitation	34.0	2.0	36.0

3. List of Operating Items Over \$50,000 - Council approved monies for Solid Waste containers, and Citywide Fuel, Auto Parts and Landfill Fees for the purpose of Citywide Operations Fiscal Year 2018 Capital and Operating List of Items Over \$50,000. This amount was based the approved budget. With this budget amendment and additional line item adjustments within the operating budget those amounts will change accordingly.

Reference#	Description	Current Amount	Increase/ (Decrease)	Amended Amount
19316	Fuel contracts to fuel City fleet for unleaded and diesel fuel	\$1,612,400	\$140,200	\$1,752,600
19319	Outside vehicle repair and other services	\$634,700	\$25,000	\$659,700
19289	Solid Waste containers such as, but not limited to, trash/recycle cans and baskets, roll-off containers	\$421,600	\$125,000	\$546,600
19300	Sanitation services, hauling, and landfill disposal fees	\$1,763,900	\$122,400	\$1,886,300
19301	Auto parts and lubricants	\$865,600	\$41,300	\$906,900
19314	Uniform - Laundry Services	\$73,200	\$1,000	\$74,200
19206	Online Utility Payment Contract	\$300,000	\$32,000	\$332,000
19403	Vehicles and Equipment	\$ -	\$100,000	\$100,000



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

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Council Meeting Date:	November 6, 2018	Contact Person:	Terry Lowe, Water Resource Management Director
Submitting Department:		District:	Internal
Staff Recommendations:	None		

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to an amendment of the Fiscal Year 2019 budget by reallocating appropriations of \$686,600 from Water Resource Management (WRM) department, Finance utility billing division and Information Technology by adding one water conservation specialist, one Supervisory Control and Data Acquisition (SCADA) instrumentation technician, and increasing capital project P-71240 for FY2019 by \$430,000; Resolution #2018-150.

Motion:

I move to approve Resolution #2018-150.

Background:

The Water Resource Management department needs to add \$430,000 to project P-71420 water acquisition for FY2019 in order to continue to pursue water credits as a result of the Council's Water Acquisition Policy and is intended to afford Mayor and City Council the ability to acquire water equities when recommended by staff. For better management and oversight of the City's water portfolio and improvement to the operational needs of the City's SCADA system, the Water resource management department is requesting to add a water conservation specialist and a SCADA instrumentation technician. The Finance department, utility service division is needing to increase utility service fees and online payment services budget to allow for processing of utility payments. This water conservation specialist position will provide a dedicated focus to the Water Conservation Program which is part of a diverse Water Resource Portfolio. Efficient use of water by City customers is paramount during times of drought. This position will manage and grow conservation efforts though the implementation of innovative water savings programs and initiatives that will preserving the City's current and future water supplies. The SCADA instrumentation technician will help support the City's SCADA networks are developing and growing with over 1,000 devices that must be routinely calibrated, cleaned and serviced annually. The City's network is growing to include areas associated with SPA2 and SPA3 that will require additional maintenance. This position will allow the department to meet the needs of the developing systems.

Objective Analysis:

By adding monies to capital project for water acquisition and the water conservation specialist the department continues to improve the City's overall management of water resources. By adding a water conservation specialist and SCADA instrumentation technician the City will be sustaining the level of service necessary for a growing network. By increasing the finance utility billing services budget, the city will be able to continue to process utility payments.

Policy Compliant:

This item is policy compliant.

Financial Impact:

The approval of this item will allow the City to process invoices associated with the WRM department operations and process payments within the finance department for remainder of FY2019.

Budget Impact:

The FY2019 approved annual budget for WRM in the amount of \$26,841,600 based on anticipated needs. With this budget amendment for the two positions, and an increase in the water acquisition project P-71240 of \$430,000 an additional \$615,900 in base salaries, supplies, services and capital will be needed. If approved, this item will amend the appropriated budget for FY2019 and the FY2019 Operating List of Items Over \$50,000 by adding the necessary amounts for items # 19077 (Water Acquisitions), # 19299 (Vehicles and Equipment), #19301 (Auto Parts), #19316 (Fuel) #19319 (Vehicle Maintenance), 19314 (Uniform and Laundry Service). With this budget amendment the FY2019 budget for finance utility billing services will increase by \$8,700.

FTE Impact:

There are two new FTE's associated with this item for the Water Resource Management department.

ATTACHMENTS:

Click to download

[Resolution 2018-150](#)

RESOLUTION # 2018-150

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF SURPRISE, ARIZONA, AMENDING THE FISCAL YEAR 2019 BUDGET BY REALLOCATING APPROPRIATIONS OF \$615,300 FROM WATER CONTINGENCY, \$66,600 FROM SEWER CONTINGENCY, AND \$3,700 FROM STORMWATER CONTINGENCY TO WATER RESOURCE MANAGEMENT DEPARTMENT WATER, SEWER AND STORMWATER OPERATIONS, AND \$1,200 FROM GRANT CONTINGENCY TO INFORMATION TECHNOLOGY GENERAL FUND OPERATIONS, FOR ONE WATER CONSERVATION SPECIALIST, ONE SCADA INSTRUMENTATION TECH, UTILITY SERVICE FEES AND ONLINE PAYMENT SERVICES AND INCREASING CIP PROJECT P-71240 \$430,000, FOR ONGOING MANAGEMENT OF WATER RESOURCE ACQUISITIONS, OPERATIONAL IMPROVEMENTS, AND AMENDING THE CAPITAL AND OPERATING LIST OF ITEMS OVER \$50,000 ASSOCIATED WITH THE RELATED SUPPLIES SERVICES AND CAPITAL.

WHEREAS, the Water Resource Management department is looking to add a water conservation specialist related to better management and oversight of the City's water portfolio;

WHEREAS, the Water Resource Management department is looking to add a SCADA instrumentation technician improve the operational needs of the City's SCADA system;

WHEREAS, the Water Resource Management department is needing to increase capital project P-71240 for water acquisitions related to increasing the City's water portfolio;

WHEREAS, the Finance department, utility service division is needing to increase utility service fees and online payment services budget to allow for processing of utility payments;

WHEREAS, the FY2019 budget, including the FY2019 Capital and Operating List of Items Over \$50,000, was adopted by Council Resolution #2018-78 on June 5, 2018;

WHEREAS, the City of Surprise Procurement Code §2-388 (d) requires the authority of Mayor and Council when the cost to the city is greater than \$50,000;

WHEREAS, this action will necessitate a budget amendment; and

WHEREAS, the City of Surprise Administrative Policies requires the approval of the Mayor and Council for budget amendments of this nature.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Council of the City of Surprise, Arizona, as follows.

Section 1. That the statements and schedules attached as *Exhibit A* and incorporated by reference are adopted, amending the budget of the City of Surprise, Arizona for the fiscal year July 1, 2018 through June 30, 2019.

APPROVED AND ADOPTED this ____ day of _____, 2018.

Sharon R. Wolcott, Mayor

Attest:

Approved as to form:

Sherry Aguilar, City Clerk

Robert Wingo, City Attorney

RESOLUTION # 2018-150**Exhibit A**

1. Appropriation - The allocation below represents a reallocation in the amount of \$686,800 to add one water conservation specialist, one SCADA instrumentation technician, utility service fees, online payment services and increase capital project P-71240 water acquisitions. The water conservation specialist position will provide dedicated focus on the Conservation Program that is needed to help manage the City's Water Resource Portfolio through the implementation of innovative water savings programs. The SCADA instrumentation technician will add support to the growing SCADA network for both water and sewer operations. The increase to utility service fees and online payment services will allow for the processing of utility payments. The increase in the capital project P-71240 will allow the department to continue to grow the City's water portfolio. These allocations do not represent an actual transfer of funds, but only a transfer of spending authority.

Fund	Department	Project/Category	Rev/ Exp	Current Budget	Increase/ (Decrease)	Amended Budget
Water Operations	Water Resource Management	Personnel Services	E	1,811,500	100,600	1,912,100
Water Operations	Water Resource Management	Supplies	E	462,200	14,900	477,100
General Fund	Information Technology	Services	E	2,354,300	1,200	2,355,500
Water Operations	Water Resource Management	Services	E	4,370,700	9,600	4,380,300
Water Operations	Water Resource Management	Capital	E	76,000	60,200	136,200
Water Operations	General Operations	Contingency	E	1,076,900	(615,300)	461,600
Water Utility Capital	Water Resource Management	#P71240 Water Acquisitions	E	798,600	430,000	1,228,600
Sewer Operations	Water Resource Management	Personnel Services	E	3,552,200	29,700	3,581,900
Sewer Operations	Water Resource Management	Supplies	E	1,382,700	7,600	1,390,300
Sewer Operations	Water Resource Management	Services	E	3,520,600	3,500	3,524,100
Sewer Operations	Water Resource Management	Capital	E	40,000	20,800	60,800
Sewer Operations	General Operations	Contingency	E	9,894,900	(66,600)	9,828,300
Sewer Operations	Finance	Services	E	328,100	5,000	333,100
Stormwater Operations	Finance	Services	E	46,000	3,700	49,700
Stormwater Operations	General Operations	Contingency	E	2,413,600	(3,700)	2,409,900
Grants	General Operations	Contingency	E	21,295,100	(1,200)	21,294,500

2. Full-Time Equivalent (FTE) - The expansion of the water conservation program, and sewer and water SCADA system requires the addition of 2 new FTEs.

Fund	Department	Current FTEs	Increase/ (Decrease)	Amended FTEs
7010	Water Resource Management - Water	19.3	1.5	20.8
7510	Water Resource Management - Sewer	36.7	0.5	37.2

3. List of Operating Items Over \$50,000 - Council approved monies for the purpose of Citywide Operations Fiscal Year 2018 Capital and Operating List of Items Over \$50,000. This amount was based the approved budget. With this budget amendment and additional line item adjustments within the operating budget those amounts will change accordingly.

Reference#	Description	Current Amount	Increase/ (Decrease)	Amended Amount
19077	Water Acquisitions, Infrastructure purchases - Water rights P71240	\$798,600	\$430,000	\$1,228,600
19319	Outside vehicle repair and other services	\$659,700	\$25,000	\$684,700
19301	Auto parts and lubricants	\$906,900	\$40,000	\$946,900
19299	Vehicles	\$119,000	\$90,500	\$209,500
19316	Fuel contracts to fuel City fleet for unleaded and diesel fuel	\$1,752,600	\$2,400	\$1,755,000
19314	Uniform - Laundry Services	\$74,200	\$1,000	\$75,200



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date:	November 6, 2018	Contact Person:	Fire Chief, Tom Abbott
Submitting Department:		District:	Citywide
Staff	None		
Recommendations:			

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to approval of the Intergovernmental Agreement (IGA) between Maricopa County and the City of Surprise for Regional Emergency Operations Management and Disaster Services; Resolution #2018-170.

Motion:

I move to approve Resolution #2018-170.

Background:

The City of Surprise first entered into an Intergovernmental Agreement (IGA) with Maricopa County for Regional Emergency Operations Management and Disaster Services on July 1, 2003. Twenty-five cities in the valley participate in this IGA and it is beneficial to all. There is a fee associated with this IGA and it is determined by population. The fee covers a myriad of services to be provided by the County including assistance in the development and maintenance of the City's Emergency Operations Plan (EOP), Multi-Hazard Mitigation Plan and Community Wildfire Protection Plan, disaster and emergency management training, maintenance of the County's warning and communication systems, comprehensive emergency management and planning, an Emergency Operations Center, assistance with local declarations and obtaining Federal and/or State funds available to the City for emergency management and disaster purposes, and assistance with public awareness and education. Responsibilities of the City are to develop, publish and distribute an EOP, develop and conduct emergency management training programs and exercises, act as a backup to the County if it needs an alternate location, and collect and provide disaster and emergency management information. If approved and executed, the IGA will expire on June 30, 2023. Under the previous IGA, the Fire-Medical Department updated the City's EOP and it was adopted by Council with Resolution #2018-59 on May 1, 2018.

Objective Analysis:

The Fire-Medical Department is presenting this IGA to Council for review and execution by the Mayor and City Attorney. This IGA will provide the City's Emergency Management team with extraordinary resources to mitigate and manage emergency situations.

Policy Compliant:

This IGA has been reviewed by City legal counsel and was found suitable for execution.

Financial Impact:

The annual financial impact to maintain this IGA through June 30, 2023 is \$6,900.

Budget Impact:

The assessment due to Maricopa County was planned for and included in the FY19 budget.

FTE Impact:

There is no FTE impact.

ATTACHMENTS:

Click to download

[Resolution](#)

[IGA](#)

RESOLUTION # 2018-170

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF SURPRISE, ARIZONA APPROVING AN INTERGOVERNMENTAL AGREEMENT WITH THE COUNTY OF MARICOPA, STATE OF ARIZONA FOR REGIONAL EMERGENCY OPERATIONS MANAGEMENT AND DISASTER SERVICES.

WHEREAS, the Parties recognize the possibility of the occurrence of disasters resulting from natural, technological, national security or other causes; and,

WHEREAS, the parties desire to enter into an intergovernmental agreement in order to facilitate the coordinated preparation and execution of emergency management programs and plans for the preservation of life and property when such disasters occur; and

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Council of the City of Surprise, Arizona, as follows.

Section 1. The Intergovernmental Agreement between the City of Surprise and the County of Maricopa, State of Arizona, attached as Exhibit A, is approved.

Section 2. The City Manager, or his designee, is hereby authorized to execute and submit all documents and other necessary or desirable instruments in connection with said agreement.

APPROVED AND ADOPTED this ____ day of _____, 2018.

Sharon R. Wolcott, Mayor

Attest:

Approved as to form:

Sherry Aguilar, City Clerk

Robert Wingo, City Attorney

EXHIBIT A

INTERGOVERNMENTAL AGREEMENT BETWEEN
THE CITY OF SURPRISE AND
COUNTY OF MARICOPA, STATE OF ARIZONA

INTERGOVERNMENTAL AGREEMENT FOR
REGIONAL EMERGENCY OPERATIONS MANAGEMENT AND DISASTER SERVICES
BETWEEN MARICOPA COUNTY, ARIZONA
AND THE
CITY OF SURPRISE

This Regional Disaster and Emergency Management Services Agreement (“Agreement”) goes into effect on the 1st day of July 2018 (the “Effective Date”), by and between Maricopa County, a political subdivision of the State of Arizona (“County”), and the City of Surprise, an Arizona municipal corporation (“Public Agency”).

STATUTORY AUTHORIZATION

County and Public Agency are empowered by ARIZ.REV. STAT. § 11-951 et seq. and ARIZ.REV. STAT. §§ 26-308 (A) and (B) to enter into this Agreement.

BACKGROUND

WHEREAS, there is an existing possibility of the occurrence of disasters of unprecedented size and destructiveness resulting from natural, technological, national security or other causes; and,

WHEREAS, the Parties mutually desire that preparation shall be adequate to provide for the common defense against disaster; and,

WHEREAS, the Parties mutually desire to assure the coordinated preparation and execution of emergency management programs and plans for the preservation of life and property when disasters occur in accordance with the guidance set forth in the Robert T. Stafford Disaster Relief and Emergency Assistance Act, Public Law 93-288, as amended, 42 U.S.C. 5121-5207; Post Katrina Emergency Management Reform Act of 2006, Public Law 109-295; applicable Federal Emergency Management Guides and Directives; and applicable State of Arizona Emergency Plans:

NOW, THEREFORE, in consideration of the mutual covenants contained herein, it is hereby agreed by and between County and Public Agency as follows:

DEFINITIONS

1. For purposes of this Agreement, the term “public agency” shall have the same definition as that contained in ARIZ.REV. STAT. §11-951.
2. “Participating Public Agencies” means those public agencies, which have active agreements for Disaster and Emergency Management Services with County.
3. “Total Budget” means the Maricopa County Department of Emergency Management’s General Fund and Grant Fund expenditure budgets as adopted by the Maricopa County Board of Supervisors, plus baseline internal/central service charges, for the Preceding Fiscal Year. Budgeted fund balance expenditures, annual maintenance cost for the comprehensive emergency management tool and capital items are not included in the “Total Budgeted” calculation.

4. "Local Budget" means the Total Budget less any contributions or reimbursements to that budget from the federal government.
5. "Preceding Fiscal Year" means the year immediately preceding the fiscal year for which a participating public agency's annual assessment is being determined. Annual Assessments are based on the proceeding year's Local Budget. For example, a public agency's annual assessment for FY2019 is based on the Maricopa County Department of Emergency Management's Local Budget for FY2018.
6. "Capital Items" means fixed assets such as furniture, computers, etc., which shall remain the property of the County. Capital items will physically remain with County, which shall bear the risk of damage thereto or loss thereof.
7. "Population" means the most recent U.S. census figure for each Participating Public Agency. This figure is normally calculated every 10 years, but if a supplementary census is conducted out of the 10-year cycle, the supplementary census numbers will be used, provided that all participating public agencies are included in the supplementary census.

TERMS OF AGREEMENT

1. County Obligations

County shall:

- a. Prepare and maintain a county Emergency Operations Plan or Plans ("EOP") with due consideration of hazards that affect all areas in the County.
- b. Advise and assist Public Agency in the development, review, update, publication, and distribution of an EOP developed by Public Agency.
- c. Advise and assist Public Agency in the development, review, update, publication, and distribution of Continuity of Operations Plans
- d. Advise and assist Public Agency in the development, review, update, publication, and distribution of a Multi-Hazard Mitigation Plan.
- e. Advise and assist Public Agency in the development, review, update, publication, and distribution of a Community Wildfire Protection Plan.
- f. Advise and assist Public Agency with the disaster and emergency management training of such employees as Public Agency shall designate.
- g. Provide and maintain a coordinated countywide emergency management program for extraordinary operational systems not provided for in normal governmental operations, including: Warning Systems, Communications System, comprehensive emergency management and planning, and an Emergency Operations Center.
- h. Provide and maintain, and issue access to a comprehensive emergency management software tool to expedite the emergency operations center processes.

- i. Develop and maintain a countywide comprehensive electronic interactive resource database of government owned and other resources available for use in the event of a disaster.
- j. Provide assistance with local emergency declarations and obtaining Federal and / or State funds available to Public Agency for emergency management and disaster purposes.
- k. Advise and assist Public Agency in the timely preparation of reports and other documentation required by the state and / or federal governments for emergency management purposes.
- l. Offer coordination assistance to Public Agency for major events or disasters affecting Public Agency.
- m. In its sole discretion, have the option to act as a backup EOC for partner cities
- n. Assist Public Agency in the design, development, delivery, and after action reporting of exercises scheduled by Public Agency to test its disaster response capability.

Advise and assist Public Agency with emergency shelter assessments and Americans with Disabilities Act compliance.
- o. Advise and assist Public Agency in complying with the provisions of Title 26, Chapter 2, Arizona Revised Statutes, and State policies and procedures.
- p. Advise and assist Public Agency with public awareness and education including but not limited to:
 - (1) providing disaster response pamphlets/handouts to Public Agency emergency management personnel for later distribution to the public.
 - (2) delivering disaster response pamphlets/handouts to libraries, community centers, and senior centers located in Public Agency.
 - (3) coordinating with Public Agency to assist with public outreach activities on disaster and emergency-related subjects to schools, civic groups and similar organizations.
 - (4) coordinating with Public Agency to assist with public outreach activities such as staffing information booths at fairs, safety days and similar events.
- q. Notify Public Agency of its annual assessment for each upcoming fiscal year no later than March 1 of the Preceding Fiscal Year.
- r. Assist Public Agency with other disaster and emergency management programs as may be agreed upon.

2. **Public Agency Obligations**

Public Agency shall:

- a. Develop, publish and distribute an EOP which is complementary to and compatible with County's EOP.

- b. Develop and conduct such emergency management training programs and exercises as it deems necessary.
 - c. Have the option to act as a backup to the County if it needs an alternate location.
 - d. Collect and provide disaster and emergency management information, such as annual NIMS reporting, when so required by the state or federal government.
 - e. During each fiscal year (July 1 to June 30) of the term of this Agreement, pay to County an annual assessment to be determined as follows:
 - (1) County will pay 50% of the Local Budget plus that portion of the Local budget allocated to Capital Items.
 - (2) The remainder of the Local Budget will be paid by the participating public agencies.
 - (3) Public Agency's annual assessment shall be determined by dividing Public Agency's Population by the Total Population of the participating public agencies and then multiplying the quotient by that portion of the Local Budget allocated to the participating public agencies in the preceding paragraph.
 - (4) Public Agencies will pay a fixed amount based on the actual annual maintenance cost of comprehensive emergency management tool. The total annual maintenance will be divided by all Participating Public Agencies equally.
3. This Agreement supersedes any and all agreements, either written or oral, between the Parties hereto with respect to the subject matter contained herein and contains all the covenants and agreements between the Parties with respect to the rendering of disaster and emergency management services. Except as otherwise provided herein, any effective modification must be in writing signed by both Parties.
 4. The Parties acknowledge that this Agreement is subject to cancellation pursuant to ARIZ.REV. STAT. §38-511.
 5. In the event of any controversy, which may arise out of this Agreement, the parties agree that the matter shall be arbitrated as provided in ARIZ.REV. STAT. §12-1518(A). The method of arbitration and the selection of arbitrators shall be decided by the mutual agreement of the parties at such time as arbitration services are needed. This Agreement shall be governed by and construed in accordance with the laws of the State of Arizona.
 6. The term of this Agreement shall commence on the Effective Date and continue until June 30, 2023, unless sooner terminated as provided herein. The Agreement may be terminated by either party giving written notice of such intention to the other party not less than ninety (90) days prior to June 30 of the year during which the notice is given, which shall be the effective date of the termination.
 7. To the extent provisions of ARIZ.REV. STAT. §41-4401 are applicable, all Parties warrant to each Party that they will comply with all Federal Immigration laws and regulations that relate to their employees and that each now complies with the E-Verify Program under ARIZ.REV. STAT. §23-214(A).

- a. A breach of this warranty will be considered a material breach of this Agreement and may subject the breaching party to penalties up to and including termination of this Agreement.
 - b. All of the Parties retain the legal right to inspect the papers of any employee who works pursuant to this Agreement or any related subcontract to ensure compliance with the warranty given above.
 - c. Any Party may conduct a random verification of the employment records of any other Party to ensure compliance with this warranty.
 - d. A Party will not be considered in material breach of this Agreement if it establishes that it has complied with the employment verification provisions prescribed by 8 USCA §1324(a) and (b) of the Federal Immigration and Nationality Act and the E-Verify requirements prescribed by ARIZ.REV. STAT. §23-214(A).
 - e. The provisions of this Article must be included in any contract either Party enters into with any and all of its contractors or subcontractors who provide services under this Agreement.
8. To the extent permitted by law, each Party does hereby covenant and agree to indemnify, defend, and hold harmless the other Party, their elected officials, appointees, officers, employees, contractees, and agents from and against any and all suits, actions, legal or administrative proceedings, claims, demands or damages of any kind or nature relating to this Agreement which, are the result of any act or omission of the Party, its officers, employees, contractors, agents, and anyone acting under its direction or control, whether intentional or negligent, in connection with or incident to this Agreement. Failure of a Party to comply with the terms of this Agreement shall not provide the basis of any third party action against any of the Parties.
 9. Pursuant to ARIZ.REV. STAT. §23-1022(D), for the purposes of worker's compensation coverage, all employees of each Party covered by this Agreement shall be deemed to be an employee of all Parties. The primary employer shall be solely liable for payment of worker's compensation benefits.
 10. Any notices required or permitted to be given hereunder by either party to the other may be given by personal delivery in writing or by registered or certified mail, postage prepaid, with return receipt requested. Notices shall be addressed to the parties at the addresses appearing below, but each party may change such party's address by written notice given in accordance with this paragraph. Notices delivered personally will be deemed communicated as of actual receipt; mailed notices will be deemed communicated as of three (3) days mailing. Notices shall be addressed as follows:

To County to the attention of:

Director
Maricopa County Department of
Emergency Management
5630 East McDowell Rd
Phoenix, AZ 85008

To Public Agency to the attention of:

Tom Abbott, Fire Chief
City of Surprise
14250 W Statler Plaza, Suite 101
Surprise, AZ 85374

11. If any provision of this Agreement is held by a court of competent jurisdiction or applicable state or federal law and their implementing regulations to be invalid, void or unenforceable, the remaining provisions will nevertheless continue in full force and effect.
12. Israel. The County and the Public Agency certify that it is not currently engaged in, and agrees for the duration of this Agreement that it will not engage in a "boycott," as that term is defined in Ariz. Rev. Stat. § 35-393, of Israel.

Dated this ____ day of _____, 2018

Dated this ____ day of _____, 2018

Sharon Wolcott, Mayor

Steve Chucri
Chairman, Board of Supervisors

ATTEST:

Sherry Ann Aguilar, City Clerk

Fran McCarroll
Clerk of the Board

ATTORNEY DETERMINATION

The undersigned attorneys for the respective parties each hereby certify that they have reviewed this Agreement and find that it is in proper form, and within the power and authority granted to their respective clients under the laws of the State of Arizona.

Robert Wingo, City Attorney

Deputy County Attorney



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date:	November 6, 2018	Contact Person:	Fire Chief Tom Abbott
Submitting Department:		District:	Internal
Staff	None		
Recommendations:			

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to an amendment to the Fiscal Year 2018 budget by reallocating appropriations of \$46,200 within the Grants and Contingency Fund in order to accept two grants from the State of Arizona Department of Homeland Security (AZDOHS) to support the Fire-Medical Department's CBRNE (Chemical, Biological, Radiological, Nuclear and Explosives) Sustainment initiatives and CERT (Community Emergency Response Team) Program; Resolution # 2018-173.

Motion:

I move to approve Resolution # 2018-173.

Background:

The SFMD has been consistently successful with obtaining Urban Area Security Initiative (UASI) grant funding from AZDOHS to sustain the Department's CBRNE program and maintain HM305, an apparatus that was fully funded by AZDOHS in FFY09. In the 2018 funding year (FFY18), the AZDOHS has awarded \$38,168 to the SFMD. This is a cut in previous funding due to ongoing cuts in federal grant programs nationwide. The second grant will support the SFMD's CERT program. This is the second consecutive year that SFMD \$8,000 in CERT training funds. The CERT Program is operated by the SFMD's Community Services & Personnel Division Battalion Chief. The CERT teams offer clinics and training to the public for emergency preparedness in the event of a disaster.

Objective Analysis:

The CBRNE funding will be used to cover expenses for two Department members to attend Haztech School and all of the overtime associated with backfilling that member's position. Additionally, the grant will fund CBRNE meter maintenance and equipment enhancement purchases. The CERT funding will cover overtime for CERT related training throughout the one year performance period.

Policy Compliant:

These grants are consistent with all city and council policies and will adhere to the same as well as state guidelines.

Financial Impact:

Both the CBRNE Sustainment and the CERT grants are fully funded, zero match Grants thus creating no cost to the City of Surprise.

Budget Impact:

There will be a reallocation of appropriations in the amount of \$46,200 from Grants Contingency to two Grant projects within the Grants fund to cover anticipated expenses associated with the award of two Grants from the State of Arizona Department of Homeland Security. These allocations do not represent an actual transfer of funds, but only a transfer of spending authority.

FTE Impact:

No FTE impact

ATTACHMENTS:

Click to download

[RES 2018-173 for Awarding CERT CBRNE from ADHS](#)

[FY18 SHSGP Award Ltr_180215-01](#)

[FY18 UASI Award Ltr_180820-01](#)

RESOLUTION # 2018-173

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF SURPRISE, ARIZONA, AMENDING THE FISCAL YEAR 2018 BUDGET BY REALLOCATING APPROPRIATIONS OF \$46,200 WITHIN THE GRANTS AND CONTINGENCY FUND FOR THE PURPOSE OF ADJUSTING BUDGET AUTHORITY RELATED TO THE ACCEPTANCE OF TWO ARIZONA DEPARTMENT OF HOMELAND SECURITY GRANTS.

WHEREAS, the Arizona Department of Homeland Security has awarded the City of Surprise Fire-Medical Department a FFY18 CBRNE (Chemical, Biological, Radiological, Nuclear and Explosives) Sustainment grant in the amount of \$38,168 to maintain the Department's Hazardous Materials apparatus;

WHEREAS, the Arizona Department of Homeland Security has awarded the City of Surprise Fire-Medical Department a FFY18 CERT (Community Emergency Response Team) grant in the amount of \$8,000 in support of the FY19 Surprise Fire-Medical Department CERT Program;

WHEREAS, the City desires to accept the grant funding from the Arizona Department of Homeland Security in the above amounts totaling \$46,168;

WHEREAS, the FY2018 budget was adopted by Council Resolution #2018-78 on June 5, 2018;

WHEREAS, this action will necessitate a budget amendment; and

WHEREAS, the City of Surprise Administrative Policies requires the approval of the Mayor and Council for budget amendments of this nature.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Council of the City of Surprise, Arizona, as follows.

Section 1. That the statements and schedules attached as *Exhibit A* and incorporated by reference are adopted, amending the budget of the City of Surprise, Arizona for the fiscal year July 1, 2018 through June 30, 2019.

Section 2. The City is hereby authorized to accept the grant funding from the Arizona Department of Homeland Security to maintain the Department's Hazardous Materials apparatus and CERT Program in the combined amount of \$46,168. The City Manager, or his designees, is authorized to conduct all negotiations and to execute and submit all documents and other necessary or desirable instruments in connection with said agreements.

SIGNATURES ON THE FOLLOWING PAGE

APPROVED AND ADOPTED this ____ day of _____, 2018.

Sharon R. Wolcott, Mayor

Attest:

Approved as to form:

Sherry Aguilar, City Clerk

Robert Wingo, City Attorney

EXHIBIT A
RESOLUTION # 2018-173

1. Appropriation - This action will reallocate appropriations in the amount of \$46,200 from Grants Contingency to two Grant projects within the Grants fund. These allocations do not represent an actual transfer of funds, but only a transfer of spending authority to cover costs to train two SFMD members to the level of Hazmat technician and purchase other supplies to sustain the CBRNE vehicle and also train citizens in CERT preparedness and awareness measures throughout the performance period of the two grants. These allocations do not represent an actual transfer of funds, but only a transfer of spending authority. Additionally, these allocations do not increase or decrease the total budget.

Fund	Department	Project/Category	Rev/ Exp	Current Budget	Increase/ (Decrease)	Amended Budget
Grants	Fire - Medical	Personnel Services	E	417,800	32,000	449,800
Grants	Fire - Medical	Services	E	3,500	14,200	17,700
Grants	General Operations	Other	R	21,342,800	(46,200)	21,296,600
Grants	Fire - Medical	Intergovernmental	R	435,300	46,200	481,500
Grants	General Operations	Contingency	E	21,242,900	(46,200)	21,196,700
Expense Total				21,664,200	-	21,664,200
Revenue Total				21,778,100	-	21,778,100



Governor Douglas A. Ducey

State of Arizona Department of Homeland Security



Director Gilbert M. Orrantia

September 21, 2018

Fire Chief Tom Abbott
Surprise Fire-Medical Department
14250 W Statler Plaza Suite 101
Surprise, AZ 85374-7473

Subject: FFY 2018 Homeland Security Grant Program Award
Subrecipient Agreement Number: **180215-01**
Project Title: **Surprise Fire- Medical Department CERT Sustainment**

Dear Fire Chief Tom Abbott,

The application that your agency submitted to the Arizona Department of Homeland Security (AZDOHS) for consideration under the Homeland Security Grant Program has been awarded. The project titled "**Surprise Fire- Medical Department CERT Sustainment**" has been **fully funded** under the 2018 State Homeland Security Grant Program for **\$8,000**. The grant performance period is **October 1, 2018 to September 30, 2019**. This grant program is part of the U.S. Department of Homeland Security Grant Program and specifically is awarded under CFDA #97.067 (Catalog of Federal Domestic Assistance). The FFY 2018 federal award date as indicated in the U.S. DHS award package is 9/01/2018 with a total amount of funding of \$25,580,000. The Federal Award Identification Number is EMW-2018-SS-00004-S01.

To access your award documentation:

Log-in to <https://azdohs.gov/user>. A username and password was provided to you/your staff during the application phase. If you no longer have your username/password, please contact your Strategic Planner for assistance. Be advised all applications submitted on behalf of your organization, as well as associated award information, will be viewable and accessible by all authorized users associated with your organization.

To establish acceptance of the award, please follow these instructions:

The following action items must be downloaded, completed, signed and returned to AZDOHS:

1. Project Administration Page - Print and sign one original Project Administration Page.
2. Two Subrecipient Agreements - Print and sign two original Subrecipient Agreements, completing sections XXXVII and XXXVIII.
3. Environmental and Historic Preservation (EHP) required documentation, if applicable.

These items must be completed and on file at AZDOHS in order for your agency to be eligible for reimbursement. **If all documentation listed in numbers 1, 2, and 3 (if applicable), above is not signed and received by AZDOHS on or before January 31, 2019, this award is rescinded and the funds will be reallocated.**

This letter does **not** serve as authorization to obligate or begin spending funds toward this award. Obligations



Governor Douglas A. Ducey

State of Arizona Department of Homeland Security



Director Gilbert M. Orrantia

and expenditures cannot take place until October 1, 2018. If your project requires an Environmental and Historic Preservation (EHP) review, this must be completed, submitted and approved by FEMA/AZDOHS prior to any obligation/expenditure of funds. Additionally, all actions associated with this project must be completed, invoiced and received by the end of the period of performance. Reimbursements are limited to approved quantities and funding thresholds. You will not be reimbursed for quantities in excess of what you have been authorized to purchase. AZDOHS reserves the right to request additional documentation at any time.

If you should have any questions, please do not hesitate to contact your Strategic Planner.

Congratulations on your Homeland Security Grant Program award.

Sincerely,

A handwritten signature in black ink, reading "Gilbert M. Orrantia".

Gilbert M. Orrantia
Director



Governor Douglas A. Ducey

State of Arizona Department of Homeland Security



Director Gilbert M. Orrantia

September 21, 2018

Fire Chief Tom Abbott
Surprise Fire-Medical Department
14250 W. Statler Plaza Suite 101
Surprise, AZ 85383-7473

Subject: FFY 2018 Homeland Security Grant Program Award
Subrecipient Agreement Number: **180820-01**
Project Title: **City of Surprise Fire Medical CBRNE Sustainment**

Dear Fire Chief Tom Abbott,

The application that your agency submitted to the Arizona Department of Homeland Security (AZDOHS) for consideration under the Homeland Security Grant Program has been awarded. The project titled "**City of Surprise Fire Medical CBRNE Sustainment**" has been **partially funded** under the 2018 Urban Area Security Initiative Grant Program for **\$38,168**. The grant performance period is **October 1, 2018 to September 30, 2019**. Your application will be kept on file for additional funding consideration if reallocation funding becomes available. This grant program is part of the U.S. Department of Homeland Security Grant Program and specifically is awarded under CFDA #97.067 (Catalog of Federal Domestic Assistance). The FFY 2018 federal award date as indicated in the U.S. DHS award package is 9/01/2018 with a total amount of funding of \$25,580,000. The Federal Award Identification Number is EMW-2018-SS-00004-S01.

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Log-in to <https://azdohs.gov/user>. A username and password was provided to you/your staff during the application phase. If you no longer have your username/password, please contact your Strategic Planner for assistance. Be advised all applications submitted on behalf of your organization, as well as associated award information, will be viewable and accessible by all authorized users associated with your organization.

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These items must be completed and on file at AZDOHS in order for your agency to be eligible for reimbursement. **If all documentation listed in numbers 1, 2, and 3 (if applicable), above is not signed and received by AZDOHS on or before January 31, 2019, this award is rescinded and the funds will be reallocated.**



Governor Douglas A. Ducey

State of Arizona Department of Homeland Security



Director Gilbert M. Orrantia

This letter does **not** serve as authorization to obligate or begin spending funds toward this award. Obligations and expenditures cannot take place until October 1, 2018. If your project requires an Environmental and Historic Preservation (EHP) review, this must be completed, submitted and approved by FEMA/AZDOHS prior to any obligation/expenditure of funds. Additionally, all actions associated with this project must be completed, invoiced and received by the end of the period of performance. Reimbursements are limited to approved quantities and funding thresholds. You will not be reimbursed for quantities in excess of what you have been authorized to purchase. AZDOHS reserves the right to request additional documentation at any time.

If you should have any questions, please do not hesitate to contact your Strategic Planner.

Congratulations on your Homeland Security Grant Program award.

Sincerely,

A handwritten signature in black ink, reading "Gilbert M. Orrantia".

Gilbert M. Orrantia
Director



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date:	November 6, 2018	Contact Person:	Robert Kuhfuss - Community Development
Submitting Department:		District:	1
Staff Recommendations:	Approve		

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to approval of the Final Plat entitled, "Rancho Mercado Parcel A17" dated March 28, 2018, a property generally located in Rancho Mercado south and east of the Yearling Road and Rancho Mercado Parkway alignments.

Motion:

I move to approve the Final Plat entitled, "Rancho Mercado Parcel A17" dated March 28, 2018.

Background:

The subject request involves an 88-lot Final Plat for Parcel A17 of Rancho Mercado and is one of two (2) Final Plats presented this date, but under separate cover.

Objective Analysis:

The proposed Final Plat is one of several case activities related to the Rancho Mercado development. Approval of the subject Final Plat will allow the city to continue issuing the infrastructure permits necessary for the applicant to continue construction. The proposed Final Plat is consistent with the Rancho Mercado PAD and other regulatory documents, and the reviewing agencies have expressed no objections to the approval of the Final Plat.

Policy Compliant:

The requested Final Plat is consistent with the Rancho Mercado PAD, the Rancho Mercado Preliminary Plat and advances the goals and policies of the General Plan.

Financial Impact:

All activity related to ongoing development of the City of Surprise has an economic and fiscal impact on the city and the region.

Budget Impact:

There is no anticipated budget impact related to this item.

FTE Impact:

This item does not have an impact on current staff levels.

ATTACHMENTS:

Click to download

[00 - Rancho Mercado Parcel A17 Final Plat, Case FS17-546 - Staff Report](#)

[01 - Rancho Mercado Parcel A17 Final Plat, Case FS17-546 - Vicinity Map](#)

[02 - Rancho Mercado Parcel A17 Final Plat, Case FS17-546 - Case Map](#)

[03 - Rancho Mercado Parcel A17 Final Plat, Case FS17-546 - Final Plat](#)

[04 - Rancho Mercado Parcel A17 Final Plat, Case FS17-546 -Presentation](#)

FINAL PLAT

REPORT TO THE CITY COUNCIL

Case: FS17-546

Project Name: Rancho Mercado Parcel A17 Final Plat

Council District: 1

City Council Date: November 06, 2018

Planner: Robert H. Kuhfuss, AICP

Owner: William Lyon Homes

Applicant: Fil Luna of William Lyon Homes

Request: Final Plat for Parcel A17 within the Rancho Mercado PAD

Site Location: Generally located south of the Yearling Road alignment and east of the Rancho Mercado Parkway alignment in Ranch Mercado

Site Size: 26.72 acres (approx.)

Density: 3.29 DU/Ac.

General Plan Conformance: The proposal is consistent with the Surprise General Plan 2035

Support/Opposition: None known

Findings:

- The proposed Final Plat is consistent with the Rancho Mercado PAD.
- The proposed Final Plat is consistent with the Rancho Mercado Unit 1 Preliminary Plat as approved under FS15-069.
- The proposed Final Plat is consistent with the applicable City of Surprise regulations.
- The reviewing agencies have indicated no objections to the request.

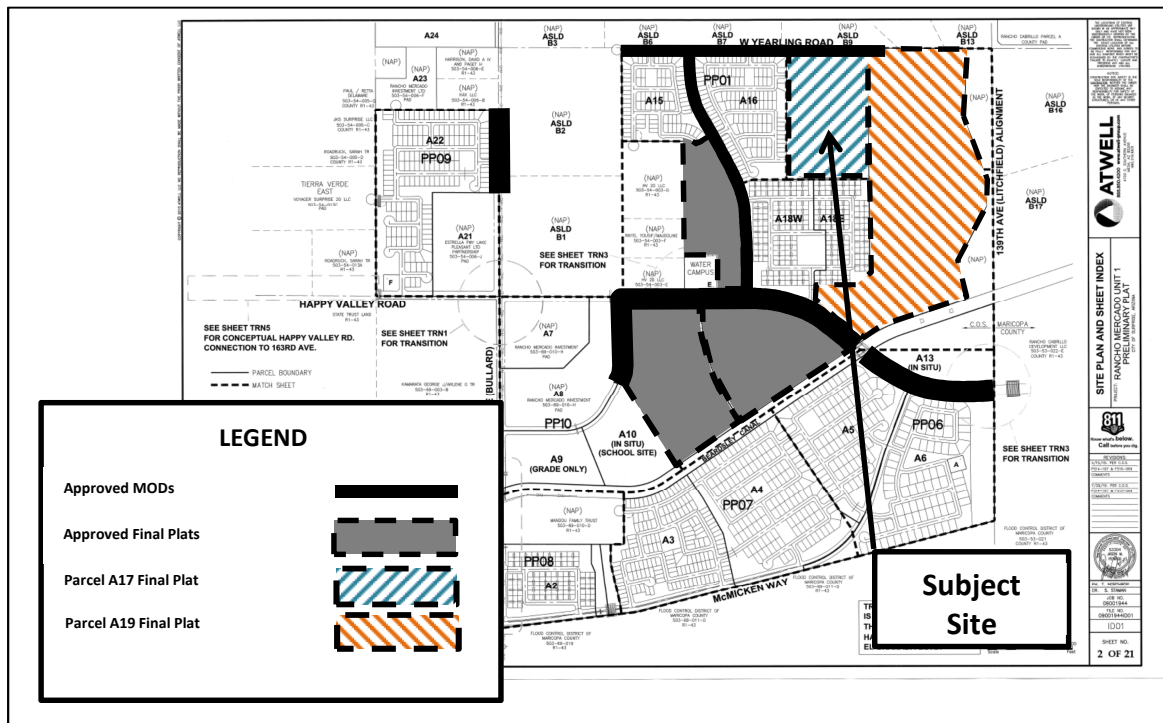
Alternative Actions: **Approval** of the requested Final Plat will allow the developer to continue building infrastructure in support of the larger Rancho Mercado PAD.

Denial of the requested Final Plat will deny the applicant the opportunity to develop the property as depicted on the proposed final plat.

Project Description:

The subject request involves an 88-lot Final Plat for Parcel A17 of Rancho Mercado and is one of two (2) Final Plats presented this date, but under separate cover.

The following map, taken from the Rancho Mercado Unit 1 Preliminary Plat, is annotated to depict the location of the subject Final Plat in relation to the other activity occurring within the PAD.



Background:

July 11, 2006: The Maricopa County Board of Supervisors approved a request for a Development Master Plan (DMP) and associated Zone Change for the Rancho Mercado project in what was then unincorporated Maricopa County.

May 25, 2007: The Surprise City Council entered into a Pre-Annexation Development Agreement with the applicant, which was recorded under 2007-0794202 MCR.

October 11, 2007: The Surprise City Council approved the Rancho Mercado PAD under case PAD06-276, subject to stipulations "a" through "u", Ordinance #07-46.

November 10, 2007: The subject property was annexed into the City of Surprise via Ordinance # 2007-47.

December 2, 2010: Staff met with the applicant to discuss a Preliminary Plat for Rancho Mercado under case CR10-256.

December 7, 2010: Staff approved a Minor PAD Amendment to under case FS10-210.

March 30, 2011: The applicant filed a request for a Preliminary Plat covering the subject property under case PS11-093, which expired due to inactivity.

January 5, 2016: The City Council approved the Preliminary Plat for Rancho Mercado Unit 1 under case FS15-069.

September 14, 2017: The applicant submitted a request for a Final Plat for Rancho Mercado Parcel A17 under case FS17-546, the subject case.

October 17, 2017: The City Council approved the Map of Dedication for Happy Valley Road Phase 3 under case FS17-097.

October 17, 2017: The City Council approved the Map of Dedication for Happy Valley Road Phase 2 under case FS17-098.

October 17, 2017: The City Council approved the Map of Dedication for Rancho Mercado Parkway under case FS16-384.

October 31, 2017: Staff administratively approved the Minor Site Plan regarding the Rancho Mercado Water Campus under case FS17-262.

December 5, 2017: The City Council approved the Final Plat for Rancho Mercado Parcel A14 under case FS16-385.

February 15, 2018: The applicant submitted a request for a Final Plat for Rancho Mercado Parcel A19 under case FS18-093.

February 20, 2018: The City Council approved a Final Plat for Ranch Mercado Parcel A11 under case FS17-257.

February 20, 2018: The City Council approved a Final Plat for Ranch Mercado Parcel A12 under case FS17-258.

February 20, 2018: The City Council approved a Map of Dedication for Happy Valley Road Phase 1 under case FS17-264.

February 20, 2018: The City Council approved a Map of Dedication for 147th Avenue under case FS17-499.

October 2, 2018: The City Council approved a Map of Dedication for Yearling Road under case FS18-086.

Reviewing Agencies:

The subject request was routed to the standard reviewing agencies, who have indicated no objections to the request.

Summary:

The proposed Final Plat is one of several case activities related to the Rancho Mercado development. Approval of the subject Final Plat will allow the city to continue issuing the infrastructure permits necessary for the applicant to continue construction. The proposed Final Plat is consistent with the Rancho Mercado PAD and other regulatory documents, and the reviewing agencies have expressed no objections to the approval of the Final Plat.

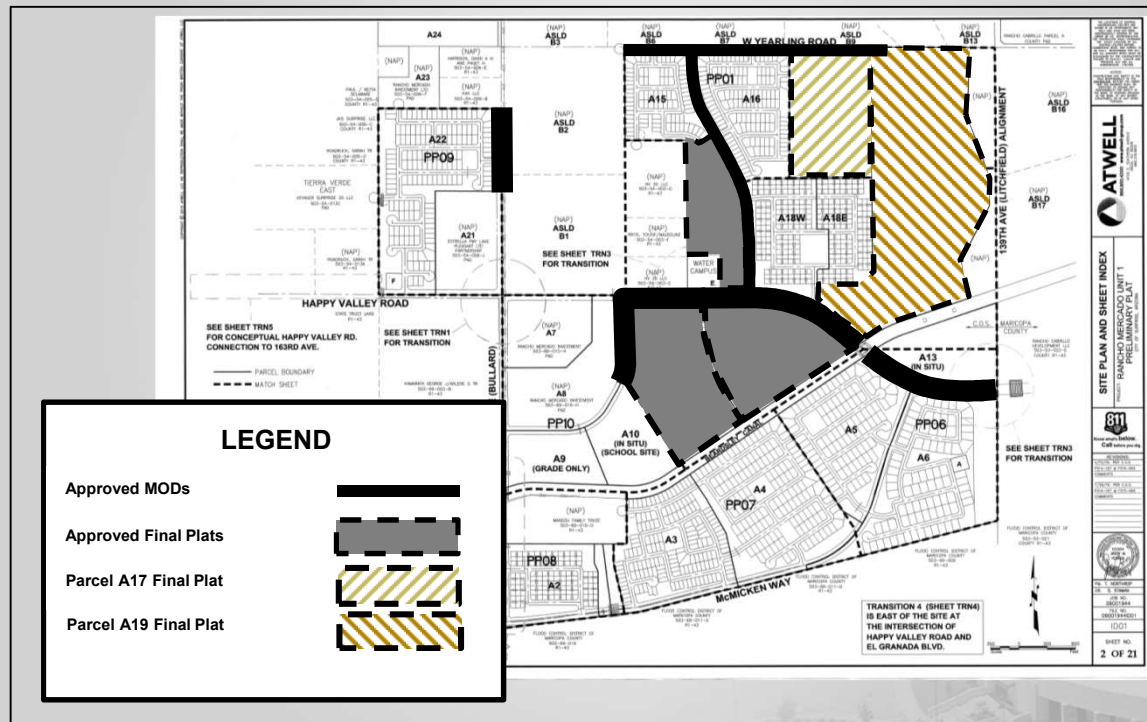
Findings:

- The proposed Final Plat is consistent with the Rancho Mercado PAD.
- The proposed Final Plat is consistent with the Rancho Mercado Unit 1 Preliminary Plat as approved under FS15-069.
- The proposed Final Plat is consistent with the applicable City of Surprise regulations.
- The reviewing agencies have indicated no objections to the request.

Attachments:

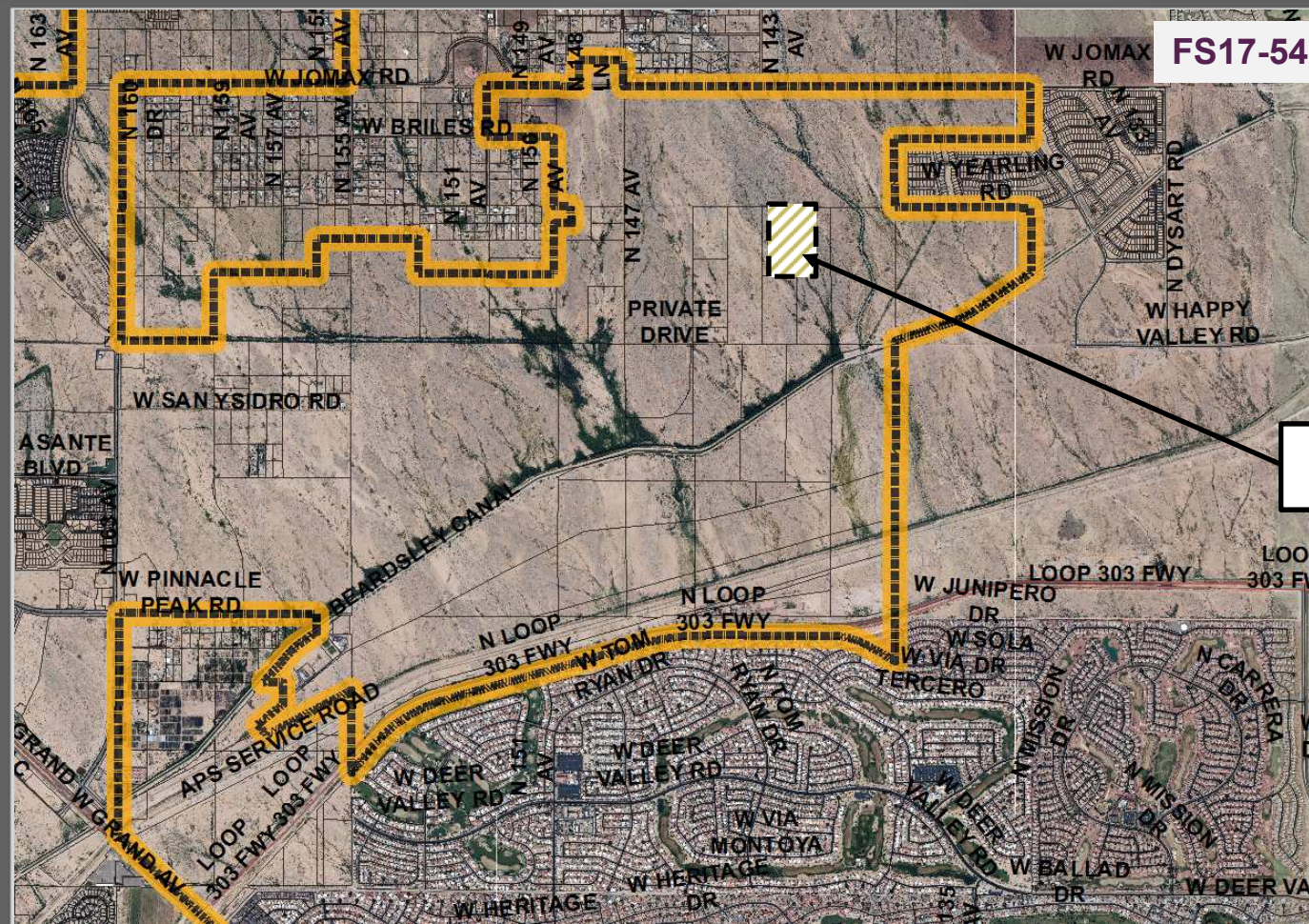
01 Vicinity Map
02 Case Map
03 Final Plat

FS17-546 Parcel A17 Final Plat
FS18-093 Parcel A19 Final Plat



Vicinity Map

FS17-546 Parcel A17 Final Plat

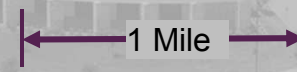


Subject Site

Case Map



North



FINAL PLAT
 OF
 RANCHO MERCADO PARCEL A17
 A PORTION OF THE SOUTHEAST QUARTER OF SECTION 4, TOWNSHIP
 4 NORTH, RANGE 1 WEST OF THE GILA AND SALT RIVER MERIDIAN,
 CITY OF SURPRISE, MARICOPA COUNTY, ARIZONA

DEDICATION

STATE OF ARIZONA: }
 COUNTY OF MARICOPA: } SS

KNOW ALL PERSONS BY THESE PRESENTS:

- THAT WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION, HEREINAFTER "OWNER", HAS SUBDIVIDED UNDER THE NAME "RANCHO MERCADO PARCEL A17", LOCATED WITHIN A PORTION OF THE SOUTHEAST QUARTER OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, CITY OF SURPRISE, MARICOPA COUNTY, ARIZONA AND DOES HEREBY DECLARE THAT THIS PLAT SETS FORTH THE LOCATION AND GIVES THE DIMENSIONS OF EACH LOT, TRACT, STREET, AND EASEMENT CONSTITUTING SAME, AND THAT EACH LOT, TRACT, STREET, AND EASEMENT SHALL BE KNOWN BY THE NUMBER, LETTER, AND/OR NAME GIVEN TO EACH RESPECTIVELY AS SHOWN ON THIS PLAT.
- "OWNER" HEREBY DEDICATES TO THE CITY OF SURPRISE FEE TITLE TO ALL PUBLIC RIGHTS-OF-WAY AS SHOWN ON THE PLAT.
- ALL IMPROVEMENTS, FOR STREETS AND PUBLIC UTILITIES OWNED AND OPERATED BY THE CITY, INSTALLED OR CONSTRUCTED BY "OWNER" WITHIN THE PUBLIC RIGHTS-OF-WAY, THE EASEMENTS, OR ANY TRACTS OR PARCELS HEREBY DEDICATED TO THE CITY OF SURPRISE SHALL BE DEEMED TO HAVE BEEN DEDICATED BY OWNER TO THE CITY UPON THEIR COMPLETION; HOWEVER, SUCH TRANSFER SHALL NOT OCCUR UNTIL THE CITY COUNCIL FOR THE CITY OF SURPRISE MANIFESTS ITS ACCEPTANCE BY SEPARATE FORMAL COUNCIL ACTION.
- "OWNER" DOES HEREBY (1) RELEASE AND DISCHARGE THE CITY OF SURPRISE, AND (2) INDEMNIFY, DEFEND, AND HOLD HARMLESS THE CITY OF SURPRISE, OF AND FROM ANY LIABILITY FOR ANY AND ALL CLAIMS FOR DAMAGES OF ANY KIND TO PERSONS OR PROPERTY THAT MAY ARISE AT ANY TIME IN THE FUTURE OVER, OR IN CONNECTION WITH THE AREAS LOCATED WITHIN THE NEWLY DEDICATED RIGHT-OF-WAY AS DEPICTED ON THIS PLAT UNTIL SUCH TIME THE RIGHT-OF-WAY IS IMPROVED TO CITY STANDARDS AND THOSE IMPROVEMENTS ARE APPROVED AND ACCEPTED BY THE CITY COUNCIL; THE MAINTENANCE OF THE AREA WITHIN ANY NEWLY DEDICATED RIGHT-OF-WAY AS SHOWN ON THIS PLAT SHALL BE THE RESPONSIBILITY OF THE ADJACENT OWNER/OR SUBSEQUENT ADJACENT OWNERS WITHIN THE BOUNDARY OF SAID PLAT UNTIL SUCH TIME THAT THE AREA WITHIN THE RIGHT-OF-WAY IS IMPROVED TO CITY STANDARD AND ACCEPTED BY THE CITY OF SURPRISE.
- "OWNER" HEREBY GRANTS TO THE PUBLIC A NON-EXCLUSIVE EASEMENT OVER, UPON AND ACROSS THE AREAS DESIGNATED AS PUBLIC UTILITY EASEMENTS AS SHOWN ON THE PLAT FOR THE PURPOSE OF INSTALLING, CONSTRUCTING, MAINTAINING, REPAIRING, REPLACING AND UTILIZING PUBLIC UTILITIES.
- THE MAINTENANCE OF LANDSCAPING WITHIN THE ADJACENT PUBLIC RIGHTS-OF-WAY, INCLUDING LANDSCAPED MEDIANS WITHIN COLLECTORS AND LOCAL STREETS AND LANDSCAPED AREAS BETWEEN THE CURB AND THE DETACHED SIDEWALK, SHALL BE THE RESPONSIBILITY OF THE ADJACENT PROPERTY OWNER OR THE PROPERTY ASSOCIATION FORMED BY THE ADJACENT PROPERTY.
- "OWNER" HEREBY GRANTS TO THE UNITED STATES OF AMERICA DEPARTMENT OF THE AIR FORCE "USAF" AN AVIGATION EASEMENT OVER AND ACROSS THIS PLAT AND EVERY LOT AND PARCEL THEREOF, WHICH EASEMENT SHALL INCLUDE, BUT NOT BE LIMITED TO, THE RIGHT OF FLIGHT OF AIRCRAFT OVER THIS PLAT, TOGETHER WITH ITS ATTENDANT NOISE, VIBRATIONS, FUMES, DUST, FUEL AND LUBRICANT PARTICLES, THAT MAY BE CAUSED BY THE OPERATION OF AIRCRAFT LANDING AT, OR TAKING OFF FROM, OR OPERATING AT OR ON LUKE AIR FORCE BASE AND AUXILIARY FIELD.
- "OWNER" HEREBY GRANTS TO THE CITY OF SURPRISE AN ODOR EASEMENT OVER, UPON AND ACROSS, FINAL PLAT, WHICH EASEMENT SHALL INCLUDE, BUT NOT LIMITED TO, THE RIGHT TO INVADE WITH ODORS, FUMES, SMELLS, AND PHYSICAL AIRBORNE PARTICULATES CAUSED BY THE LAWFUL OPERATION AND MAINTENANCE OF THE CITY'S WATER RECLAMATION FACILITY.
- THE EASEMENTS GRANTED WITHIN THIS DEDICATION ARE PERMANENT AND PERPETUAL AND SHALL RUN WITH THE LAND AND BE BINDING UPON OWNER AND ITS HEIRS, ASSIGNS, AND SUCCESSORS IN INTEREST TO THIS FINAL PLAT OR ANY PARCEL THEREOF.
- "OWNER" HEREBY WARRANTS AND REPRESENTS TO THE CITY OF SURPRISE THAT IT IS THE SOLE OWNER OF THE PROPERTY COVERED BY THIS FINAL PLAT, AND THAT EVERY LENDER, EASEMENT HOLDER OR OTHER PERSON OR ENTITY HAVING ANY INTEREST THAT IS ADVERSE TO OR INCONSISTENT WITH THE FOREGOING DEDICATION, OR ANY OTHER REAL PROPERTY INTEREST CREATED OR TRANSFERRED BY THIS FINAL PLAT, HAS CONSENTED TO OR JOINED IN THIS FINAL PLAT AS EVIDENCED BY INSTRUMENTS WHICH ARE RECORDED WITH THE MARICOPA COUNTY RECORDERS OFFICE OR WHICH OWNER WILL RECORD NOT LATER THAN THE DATE ON WHICH THIS FINAL PLAT IS RECORDED.
- "OWNER" HEREBY GRANTS TO THE CITY OF SURPRISE A NON-EXCLUSIVE EASEMENT OVER, UPON AND ACROSS THE AREAS DESIGNATED AS SIGHT VISIBILITY TRIANGLES FOR THE PURPOSE OF ENSURING THEY COMPLY WITH SVT REQUIREMENTS.
- THE MAINTENANCE OF LANDSCAPING WITHIN THE OPEN SPACES, LANDSCAPED TRACTS, RETENTION BASINS AND PARKS SHALL BE THE RESPONSIBILITY OF THE OWNER OR THE RANCHO MERCADO COMMUNITY ASSOCIATION.
- THE VEHICULAR NON ACCESS EASEMENTS " VNAE " ARE HEREBY DEDICATED TO THE RANCHO MERCADO COMMUNITY ASSOCIATION, ITS SUCCESSORS AND ASSIGNS AND IS INTENDED TO PREVENT VEHICULAR TRAFFIC BETWEEN TRACTS AND LOTS WITH THE EXCEPTION OF PUBLIC UTILITY USES. SAID " VNAE " AS DEDICATED HEREON WILL CROSS PUBLIC UTILITY EASEMENTS "PUE" ALSO GRANTED HEREON, IN MULTIPLE LOCATIONS. THESE " VNAE " ARE NOT INTENDED TO PREVENT AUTHORIZED AGENTS OF THE PUBLIC UTILITY COMPANIES FROM CROSSING SAID " VNAE " DURING THE COURSE OF INSTALLATION, USE, MAINTENANCE AND REPAIR OF THE UTILITIES LOCATED IN SAID PUBLIC UTILITY EASEMENT "PUE".
- ALL TRACTS ARE NOT DEDICATED TO THE PUBLIC, BUT ARE PLATTED AS COMMON PROPERTY DEDICATED TO THE RANCHO MERCADO COMMUNITY ASSOCIATION FOR THE USE AND ENJOYMENT OF THE RANCHO MERCADO COMMUNITY ASSOCIATION, AS MORE FULLY SET FORTH IN THE DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS.
- TRACTS PLATTED HEREON ARE DEDICATED FOR THE PURPOSES AS NOTED IN THE TRACT TABLE ON THIS FINAL PLAT AND SHALL BE MAINTAINED BY RANCHO MERCADO COMMUNITY ASSOCIATION.
- OWNER HEREBY GRANTS TO THE CITY OF SURPRISE A PERPETUAL CROSS ACCESS EASEMENT ACROSS THE ENTIRE PLAT FOR THE PURPOSES OF PROVIDING CONTINUES AND UNINTERRUPTED INGRESS AND EGRESS FOR EMERGENCY VEHICLES.

IN WITNESS WHEREOF, OWNER HAS HEREUNTO CAUSED ITS CORPORATE NAME TO BE SIGNED AND ITS CORPORATE SEAL TO BE AFFIXED BY THE UNDERSIGNED, DULY AUTHORIZED OFFICER THIS DAY OF _____, 2018.

WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION.

BY: _____

ITS: _____

NOTARY ACKNOWLEDGEMENT

STATE OF ARIZONA: }
 COUNTY OF MARICOPA: } SS

ON THIS _____ DAY OF _____, 2018, BEFORE ME, THE UNDERSIGNED NOTARY PUBLIC APPEARED JULIE E. COLLINS OF WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION, WHO ACKNOWLEDGED HERSELF TO BE THE SENIOR VICE PRESIDENT, AND THAT SHE EXECUTED THIS INSTRUMENT FOR THE PURPOSES HEREIN CONTAINED.

IN WITNESS WHEREOF, I HEREUNTO SET MY HAND AND OFFICIAL SEAL.

BY: _____ MY COMMISSION EXPIRES _____ DATE _____

RANCHO MERCADO COMMUNITY ASSOCIATION RATIFICATION

BY THIS RATIFICATION, KAREN BEACOM, DULY ELECTED PRESIDENT OF THE RANCHO MERCADO COMMUNITY ASSOCIATION ACKNOWLEDGES THE RESPONSIBILITIES DEDICATED HEREON.

BY: _____ ITS PRESIDENT
 KAREN BEACOM

NOTARY ACKNOWLEDGEMENT

STATE OF ARIZONA: }
 COUNTY OF MARICOPA: } SS

ON THIS _____ DAY OF _____, 2018, KAREN BEACOM PERSONALLY APPEARED BEFORE ME, THE UNDERSIGNED NOTARY PUBLIC, WHO ACKNOWLEDGED HERSELF TO BE THE PRESIDENT OF THE RANCHO MERCADO COMMUNITY ASSOCIATION, AND THAT SHE, AS PRESIDENT, EXECUTED THIS INSTRUMENT FOR THE PURPOSES HEREIN CONTAINED.

IN WITNESS WHEREOF, I HEREUNTO SET MY HAND AND OFFICIAL SEAL.

BY: _____ MY COMMISSION EXPIRES _____ DATE _____
 NOTARY PUBLIC

APPROVALS

CITY OF SURPRISE ENGINEER APPROVAL

DATA ON THIS PLAT REVIEWED AND APPROVED THIS _____ DAY OF _____, 2018, BY THE CITY ENGINEER OF SURPRISE, ARIZONA.

APPROVED _____ DATE _____
 CITY ENGINEER

CITY OF SURPRISE COUNCIL APPROVAL

APPROVED BY THE CITY COUNCIL OF THE CITY OF SURPRISE, ARIZONA. THIS _____ DAY. OF _____, 2018.

_____ DATE _____
 MAYOR

ATTEST:

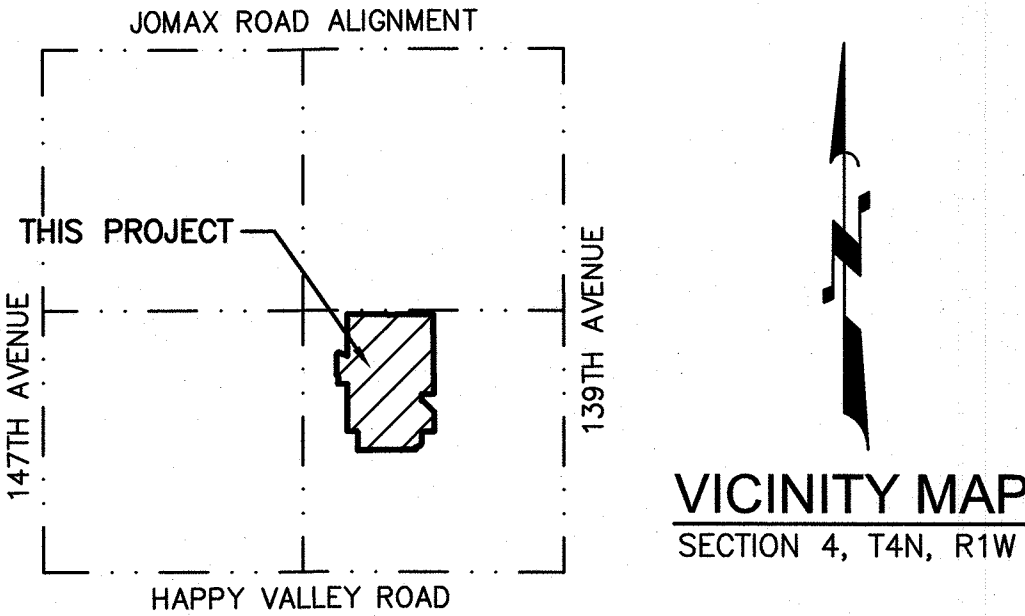
_____ DATE _____
 CITY CLERK

AREA CALCULATIONS

TRACTS	172534 SQ.FT.	3.961 AC
LOTS	708814 SQ.FT.	16.272 AC
RIGHT OF WAY	282679 SQ.FT.	6.489 AC
TOTAL	1164027 SQ.FT.	26.722 AC

SHEET INDEX

DESCRIPTION	SHEET NO
COVER SHEET	1
KEY MAP, LEGAL DESCRIPTION	2
PLAT SHEETS	3-4



OWNER/DEVELOPER

WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION.
 8840 EAST CHAPARRAL ROAD, SUITE 200
 SCOTTSDALE, ARIZONA 85250
 PHONE NO: 480-850-3729
 CONTACT: FIL LUNA

RELEASE OF LIABILITY

- WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION "OWNER" DOES HEREBY (1) RELEASE AND DISCHARGE THE "USAF" AND THE CITY OF SURPRISE, AND (2) INDEMNIFY, DEFEND, AND HOLD HARMLESS THE CITY OF SURPRISE, OF AND FROM ANY LIABILITY FOR ANY AND ALL CLAIMS FOR DAMAGES OF ANY KIND TO PERSONS OR PROPERTY THAT MAY ARISE AT ANY TIME IN THE FUTURE OVER, OR IN CONNECTION WITH AIRCRAFT OVERFLIGHTS FROM AIRCRAFT UTILIZING LUKE AIR FORCE BASE, WHETHER SUCH DAMAGE SHALL ORIGINATE FROM NOISE, VIBRATION, FUMES, DUST, FUEL AND LUBRICANT PARTICLES, THAT MAY BE CAUSED BY THE OPERATION OF AIRCRAFT LANDING AT, OR TAKING OFF FROM, OR OPERATING AT OR ON LUKE AIR FORCE BASE. THIS INSTRUMENT SHALL RUN WITH THE LAND AND BE BINDING UPON OWNER AND ITS HEIRS, ASSIGNS, AND SUCCESSORS IN INTEREST TO THIS PLAT OR ANY PARCEL OR LOT THEREOF. THIS INSTRUMENT DOES NOT RELEASE THE USAF FROM LIABILITY FOR DAMAGE OR INJURY TO PERSON OR PROPERTY CAUSED BY FALLING AIRCRAFT OR FALLING PHYSICAL OBJECTS FROM AIRCRAFT, EXCEPT AS STATED HEREIN WITH RESPECT TO NOISE, FUMES, DUST, FUEL, AND LUBRICANT PARTICLES.
- WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION HEREBY AGREES TO INDEMNIFY, DEFEND, AND HOLD HARMLESS THE CITY OF SURPRISE FROM ANY AND ALL CLAIMS FOR DAMAGES OF ANY KIND TO PERSONS OR PROPERTY THAT MAY ARISE IN CONNECTION WITH THE USE OF THE SIDEWALKS LOCATED WITHIN THE RIGHT-OF-WAY, UNTIL SUCH TIME THE CITY OF SURPRISE HAS ACCEPTED THE SIDEWALKS.

PUBLIC NOTICE

THE LOTS DEPICTED ON THIS PLAT ARE LOCATED WITHIN THE VICINITY OF LUKE AIR FORCE BASE AND MAY BE SUBJECT TO OVERFLIGHTS BY JET AIRCRAFT. ALL STRUCTURES WITHIN THIS PLAT SHALL BE CONSTRUCTED IN COMPLIANCE WITH THE SOUND ATTENUATION STANDARDS ADOPTED BY THE CITY OF SURPRISE. A MAP DEPICTING THE MOST CURRENT ADOPTED MAG NOISE CONTOURS IN RELATION TO THIS PLAT SHALL BE DISPLAYED IN ALL SALES OFFICES. ADDITIONAL INFORMATION MAY BE OBTAINED BY CONTACTING THE CITY OF SURPRISE COMMUNITY DEVELOPMENT DEPARTMENT.

100 YEAR ASSURED WATER SUPPLY LANGUAGE

THE AREA PLATTED HEREON LIES WITHIN THE DOMESTIC WATER SERVICE AREA OF CITY OF SURPRISE, AWS NO. 2010-012, WHICH IS DESIGNATED AS HAVING AN ASSURED WATER SUPPLY PURSUANT A.R.S. § 45-576.

GENERAL NOTES

- IN ACCORDANCE WITH A.R.S. § 9-461.07, THE CITY OF SURPRISE HAS DETERMINED THAT ALL DEDICATIONS OCCURRING WITH THIS PLAT ARE IN CONFORMANCE WITH THE CITY OF SURPRISE GENERAL PLAN.
- PURSUANT TO A.R.S. § 42-11102, THE CITY OF SURPRISE, A POLITICAL SUBDIVISION OF THE STATE OF ARIZONA, IS EXEMPT FROM ALL TAXES AND ASSESSMENTS BASED ON ASSESSED VALUE EXCEPT FOR SPECIAL DISTRICTS #14751 AND #14710, WHEN APPLICABLE.
- THE PROPERTY OWNERS, OR ANY SUBSEQUENT OWNERS SHALL NOT PROCEED WITH ANY ON SITE GRADING OR EXCAVATION WITHOUT FIRST OBTAINING A PERMIT FROM THE CITY OF SURPRISE.
- OWNER OF TRACT IS RESPONSIBLE FOR ONSITE DRAINAGE MAINTENANCE.
- HAPPY VALLEY ROAD WILL BECOME A 6 LANE MAJOR ARTERIAL AT SOME FUTURE POINT.
- SPRINKLERS ARE REQUIRED IN ALL ONE AND TWO FAMILY DWELLINGS BUILT IN AREAS WHICH DO NOT HAVE AN ADEQUATE WATER SUPPLY OF 2000 GPM @ 2 HOURS @ 20 PSI RESIDUAL.
- THIS FINAL PLAT IS IN SUBSTANTIAL CONFORMANCE WITH THE PRELIMINARY PLAT APPROVED BY THE CITY OF SURPRISE UNDER CASE F515-069.
- A PORTION OF THE PROPERTY IS LOCATED WITHIN THE AREA HAVING FLOOD ZONE "X", BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, ON FLOOD INSURANCE RATE MAPS NO. 04013C1210L AND NO. 04013C1230L, WITH A DATE OF IDENTIFICATION OF OCTOBER 16, 2013, FOR COMMUNITY NO. 040053, IN MARICOPA COUNTY, STATE OF ARIZONA, WHICH IS THE CURRENT FLOOD INSURANCE RATE MAP FOR THE COMMUNITY IN WHICH SAID PROPERTY IS SITUATED, AS MAY BE AMENDED FROM TIME TO TIME.

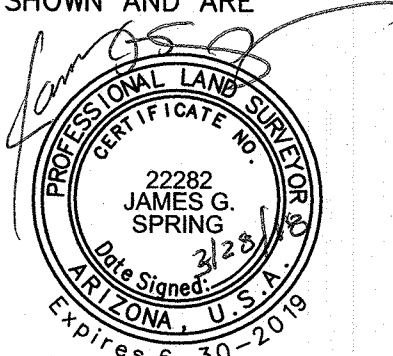
BASIS OF BEARING

THE WEST-EAST, MID-SECTION LINE OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, OF THE GILA AND SALT RIVER MERIDIAN WHICH BEARS S89°46'48"E A DISTANCE OF 5255.54' THIS POSITION WAS DERIVED FROM THE ESTABLISHED NGS POINTS DV0080 & AJ3867. PROJECT THEN SCALED TO GROUND AT A COMBINED SCALE FACTOR OF 1.00013766895 AND VERIFIED AGAINST GDACS BOOK 834, PG 1. HORIZONTAL ERROR = (0.04') ANGLE ERROR = (00°00'01")

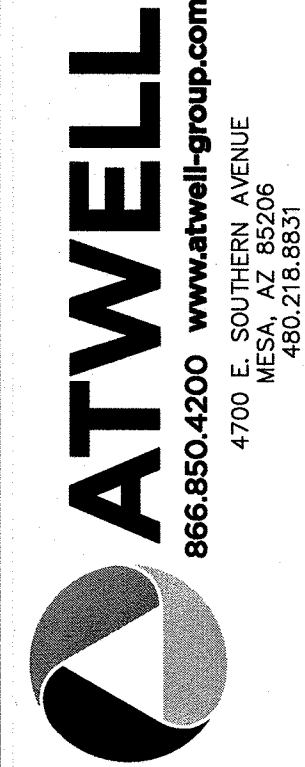
SURVEYOR'S CERTIFICATION

I, JAMES G. SPRING, PLS 22282, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR IN THE STATE OF ARIZONA; THAT THIS PLAT CONSISTING OF FOUR SHEETS REPRESENTS A SURVEY PREPARED UNDER MY SUPERVISION DURING THE MONTH OF JANUARY, 2018; THAT THE SURVEY IS CORRECT AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE EXTERIOR BOUNDARY MONUMENTS ACTUALLY EXIST AS SHOWN AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

JAMES G. SPRING, PLS 22282
 ATWELL, LLC
 4700 EAST SOUTHERN AVENUE
 MESA, ARIZONA 85206



NOTE:
 A.R.S. § 32-151 STATES THAT THE USE OF THE WORD "CERTIFY" OR "CERTIFICATION" BY A PERSON OR FIRM THAT IS REGISTERED OR CERTIFIED BY THE BOARD IS AN EXPRESSION OF PROFESSIONAL OPINION REGARDING FACTS OR FINDINGS THAT ARE SUBJECT OF THE CERTIFICATION AND DOES NOT CONSTITUTE AN EXPRESS OR IMPLIED WARRANTY OR GUARANTEE.

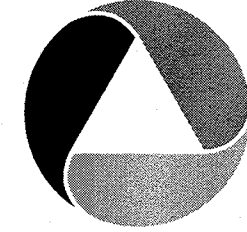


COUNTY: MARICOPA	SECTION: 4	TOWNSHIP: 4 NORTH	RANGE: 1 WEST
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FINAL PLAT
 RANCHO MERCADO
 PARCEL A17
 CITY OF SURPRISE, ARIZONA

JANUARY 2018

REVISIONS:



PM. J. SPRING
 DR. R. GILES
 JOB NO.
 09001944

N.T.S.

08001944 FP A17JWG

SHEET
 NO.
 1 OF 4

LEGAL DESCRIPTION

A PORTION OF THE SOUTH HALF OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, OF THE GILA AND SALT RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A FOUND 2" MARICOPA COUNTY ALUMINUM CAP STAMPED RLS 35832, ACCEPTED AS THE WEST QUARTER CORNER OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, FROM WHICH A FOUND 3" MARICOPA COUNTY BRASS CAP IN HANDHOLE STAMPED D.O.T. 36770, ACCEPTED AS THE EAST QUARTER CORNER OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, THEREOF BEARS S89°46'48"E A DISTANCE OF 5255.54'

THENCE, ALONG THE WEST-EAST MID-SECTION LINE OF SAID SECTION 4, S89°46'48"E A DISTANCE OF 3072.82 FEET;

THENCE, LEAVING THE WEST-EAST MID-SECTION LINE OF SAID SECTION 4, S00°13'12"W A DISTANCE OF 40.00 FEET TO THE POINT OF BEGINNING

THENCE, S89°46'48"E A DISTANCE OF 407.41 FEET;

THENCE, S44°46'48"E A DISTANCE OF 9.19 FEET;

THENCE, S89°46'48"E A DISTANCE OF 74.00 FEET;

THENCE, N45°13'12"E A DISTANCE OF 9.19 FEET;

THENCE, S89°46'48"E A DISTANCE OF 374.82 FEET;

THENCE, S00°14'26"E A DISTANCE OF 802.62 FEET;

THENCE, S89°45'34"W A DISTANCE OF 123.16 FEET;

THENCE, S00°13'12"W A DISTANCE OF 71.42 FEET;

THENCE, S89°46'48"E A DISTANCE OF 11.51 FEET;

THENCE, S45°29'15"E A DISTANCE OF 158.02 FEET;

THENCE, S00°14'26"E A DISTANCE OF 197.01 FEET;

THENCE, N89°46'48"W A DISTANCE OF 114.42 FEET;

THENCE, S45°13'12"W A DISTANCE OF 16.00 FEET;

THENCE, S00°13'12"W A DISTANCE OF 81.34 FEET TO THE BEGINNING OF A TANGENT CURVE CONCAVE NORTHWEST WITH A RADIUS OF 63.00 FEET;

THENCE, SOUTHWESTERLY ALONG SAID CURVE AN ARC LENGTH OF 98.96 FEET THROUGH A CENTRAL ANGLE OF 90°00'00";

THENCE, S00°14'26"E A DISTANCE OF 24.77 FEET;

THENCE, S89°45'34"W A DISTANCE OF 583.22 FEET;

THENCE, N00°13'12"E A DISTANCE OF 176.53 FEET;

THENCE, N44°46'48"W A DISTANCE OF 16.00 FEET;

THENCE, N89°46'48"W A DISTANCE OF 95.69 FEET;

THENCE, N00°13'12"E A DISTANCE OF 476.00 FEET;

THENCE, N89°46'48"W A DISTANCE OF 92.00 FEET;

THENCE, N00°13'12"E A DISTANCE OF 10.83 FEET TO THE BEGINNING OF A TANGENT CURVE CONCAVE EAST WITH A RADIUS OF 47.00 FEET;

THENCE, NORTHERLY ALONG SAID CURVE AN ARC LENGTH OF 14.23 FEET THROUGH A CENTRAL ANGLE OF 17°20'29" TO THE BEGINNING OF A REVERSE CURVE CONCAVE WEST WITH A RADIUS OF 63.00 FEET;

THENCE, NORTHERLY ALONG SAID REVERSE CURVE AN ARC LENGTH OF 75.85 FEET THROUGH A CENTRAL ANGLE OF 68°59'07";

THENCE, N38°34'34"E A DISTANCE OF 7.14 FEET;

THENCE, N00°13'12"E A DISTANCE OF 190.00 FEET;

THENCE, N38°08'10"W A DISTANCE OF 7.14 FEET TO THE BEGINNING OF A NON-TANGENT CURVE CONCAVE TO THE LEFT;

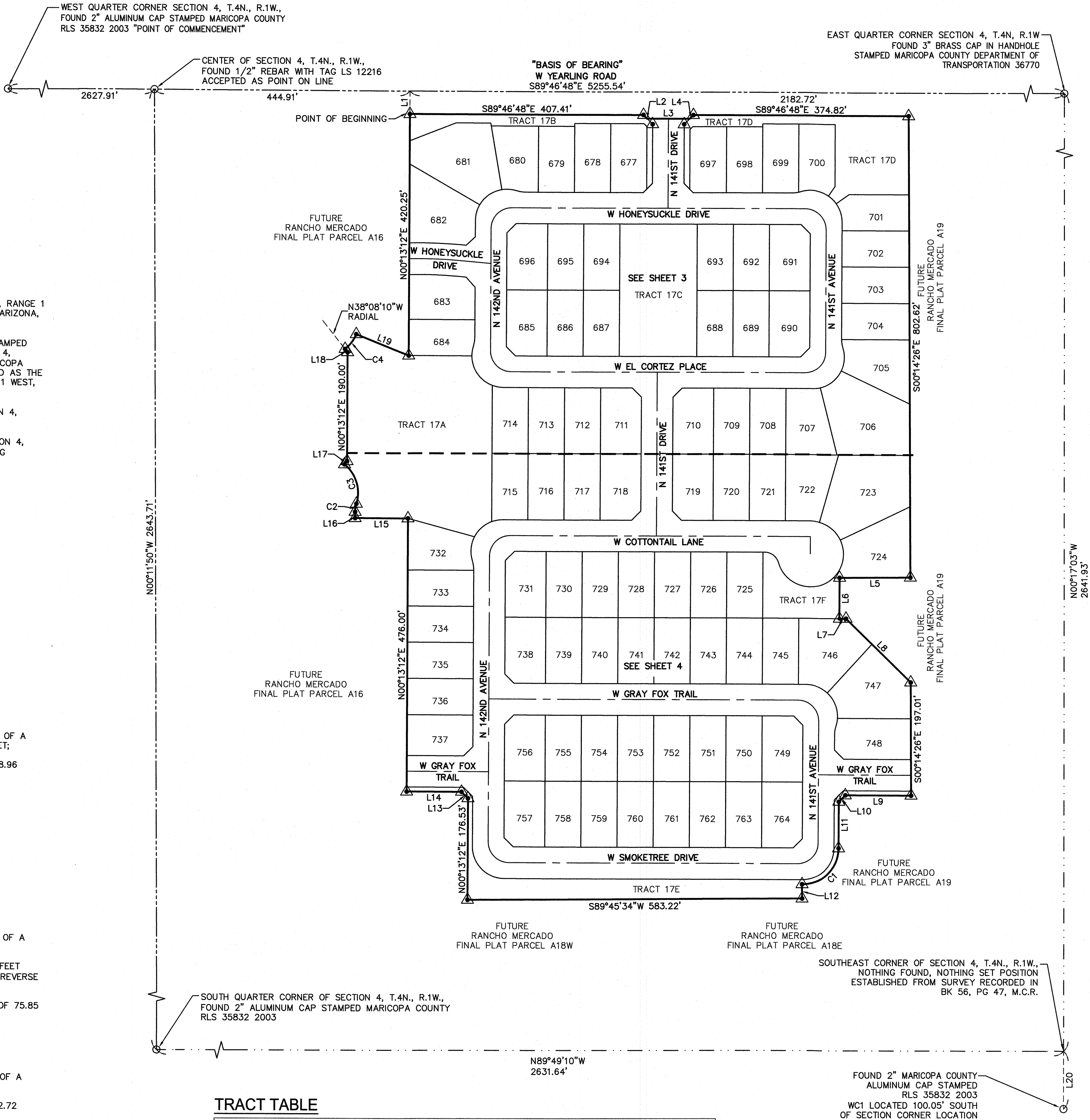
THENCE, NORTHEASTERLY ALONG SAID CURVE AN ARC LENGTH OF 32.72 FEET, WITH A RADIUS OF 63.00 FEET AND THE RADIAL BEARING OF N38°08'10"W AND A CENTRAL ANGLE OF 29°45'42";

THENCE, S67°53'52"E A DISTANCE OF 98.65 FEET;

THENCE, N00°13'12"E A DISTANCE OF 420.25 FEET TO THE POINT OF BEGINNING.

CITY OF SURPRISE CASE ZONING

DEVELOPMENT STANDARDS ARE PER CITY OF SURPRISE ZONING CASE FS10-210 OR AS SUBSEQUENTLY AMENDED.



TRACT TABLE

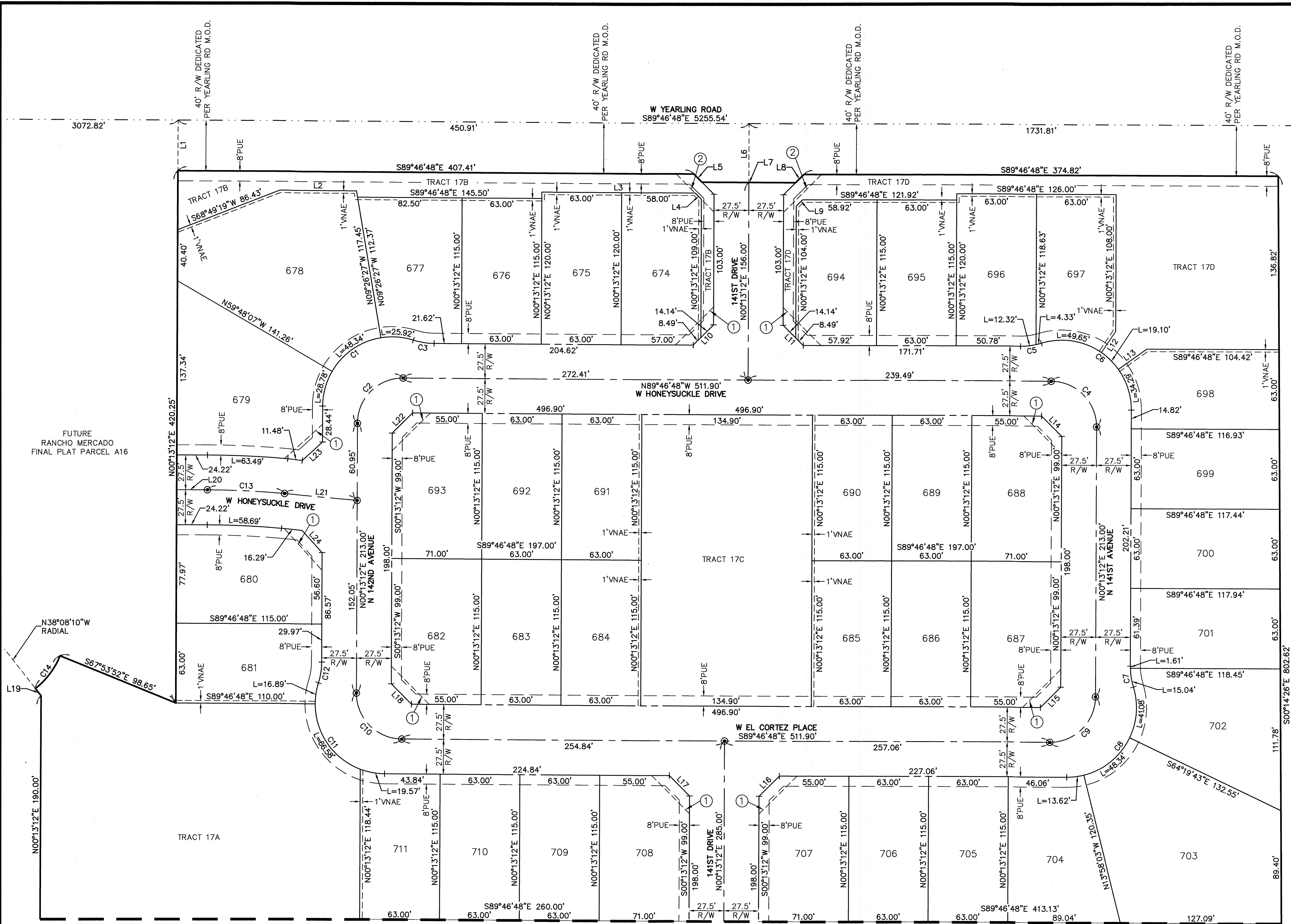
PARCEL TABLE				
TRACT	AREA SQ FT	AREA ACRES	USAGE	
TRACT 17A	73174	1.680	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE	
TRACT 17B	9324	0.214	OPEN SPACE, DRAINAGE AND PUE	
TRACT 17C	31028	0.712	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE	
TRACT 17D	23486	0.539	OPEN SPACE, DRAINAGE, RECREATION AND PUE	
TRACT 17E	25672	0.589	OPEN SPACE, DRAINAGE, RECREATION AND PUE	
TRACT 17F	9850	0.226	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE	
TOTAL	172534	3.961		

LEGEND

	SUBDIVISION BOUNDARY
	RIGHT OF WAY LINE
	EXISTING RIGHT OF WAY LINE
	CENTERLINE
	EXISTING EASEMENT LINE
	PROPOSED EASEMENT LINE
	SECTION LINE
	ALIQUOT SECTION LINE
	SUBDIVISION CORNER TO BE SET
	FOUND MONUMENT AS NOTED
	CENTERLINE MONUMENT (TO BE SET BY CITY OF SURPRISE STANDARDS)
	30'x30' SIGHT VISIBILITY EASEMENT
	40'x40' SIGHT VISIBILITY EASEMENT
VNAE	VEHICULAR NON-ACCESS EASEMENT
PUE	PUBLIC UTILITY EASEMENT
M.O.D.	MAP OF DEDICATION
R/W	RIGHT-OF-WAY
FBSL	FRONT BUILDING SETBACK LINE
D	DELTA
C1	CURVE TABLE NUMBER
L1	LINE TABLE NUMBER
Ⓡ	RADIAL BEARING
FP	FINAL PLAT

LINE TABLE		
LINE #	DIRECTION	LENGTH
L1	S00°13'12"W	40.00'
L2	S44°46'48"E	9.19'
L3	S89°46'48"E	74.00'
L4	N45°13'12"E	9.19'
L5	S89°45'34"W	123.16'
L6	S00°13'12"W	71.42'
L7	S89°46'48"E	11.51'
L8	S45°29'15"E	158.02'
L9	N89°46'48"W	114.42'
L10	S45°13'12"W	16.00'
L11	S00°13'12"W	81.34'
L12	S00°14'26"E	24.77'
L13	N44°46'48"W	16.00'
L14	N89°46'48"W	95.69'
L15	N89°46'48"W	92.00'
L16	N00°13'12"E	10.83'
L17	N38°34'34"E	7.14'
L18	N38°08'10"W	7.14'
L19	S67°53'52"E	98.65'
L20	N00°01'03"E	100.05'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C1	98.96'	63.00'	090°00'00"
C2	14.23'	47.00'	017°20'29"
C3	75.85'	63.00'	068°59'07"
C4	32.72'	63.00'	029°45'42"



LOT TABLE\WIDTH BASED ON FBSL				LOT TABLE\WIDTH BASED ON FBSL				LOT TABLE\WIDTH BASED ON FBSL			
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
674	7530	0.173	63.0'	687	8037	0.185	67.0'	700	7414	0.170	63.0'
675	7560	0.174	63.0'	688	8037	0.185	67.0'	701	7446	0.171	63.0'
676	7245	0.166	63.0'	689	7245	0.166	63.0'	702	9742	0.224	61.5'
677	8238	0.189	66.2'	690	7245	0.166	63.0'	703	17014	0.391	58.9'
678	15507	0.356	58.9'	691	7245	0.166	63.0'	704	8576	0.197	62.6'
679	12100	0.278	74.5'	692	7245	0.166	63.0'	705	7245	0.166	63.0'
680	8662	0.199	69.7'	693	8037	0.185	67.0'	706	7245	0.166	63.0'
681	7162	0.164	63.5'	694	7321	0.168	63.9'	707	8037	0.185	67.0'
682	8037	0.185	67.0'	695	7245	0.166	63.0'	708	8037	0.185	67.0'
683	7245	0.166	63.0'	696	7554	0.173	63.2'	709	7245	0.166	63.0'
684	7245	0.166	63.0'	697	7382	0.169	60.5'	710	7245	0.166	63.0'
685	7245	0.166	63.0'	698	7443	0.171	56.6'	711	7267	0.167	63.3'
686	7245	0.166	63.0'	699	7382	0.169	63.0'				

MATCH SHEET 4

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L1	S00°13'12"W	40.00'	L13	N54°29'56"E	27.53'
L2	S89°46'48"E	60.59'	L14	N44°46'48"W	22.63'
L3	S89°46'48"E	121.00'	L15	N45°13'12"E	22.63'
L4	S44°46'48"E	7.07'	L16	N45°13'12"E	22.63'
L5	S44°46'48"E	9.19'	L17	S44°46'48"E	22.63'
L6	N00°13'12"E	46.50'	L18	N44°46'48"W	22.63'
L7	S89°46'48"E	74.00'	L19	N38°08'10"W	7.14'
L8	N45°13'12"E	9.19'	L20	S89°46'48"E	24.22'
L9	N45°13'12"E	7.07'	L21	S84°46'48"E	57.49'
L10	S45°13'12"W	22.63'	L22	N45°13'12"E	22.63'
L11	S44°46'48"E	22.63'	L23	N47°43'12"E	21.62'
L12	S34°36'20"W	20.13'	L24	S42°16'48"E	23.59'

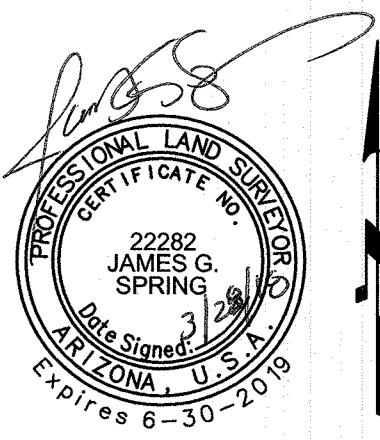
CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C1	103.04'	55.00'	107°20'29"
C2	56.55'	36.00'	090°00'00"
C3	16.65'	55.00'	017°20'29"
C4	56.55'	36.00'	090°00'00"
C5	16.65'	55.00'	017°20'29"
C6	103.04'	55.00'	107°20'29"
C7	15.04'	56.37'	015°17'21"
C8	103.04'	55.00'	107°20'29"
C9	56.55'	36.00'	090°00'00"
C10	56.55'	36.00'	090°00'00"
C11	103.04'	55.00'	107°20'29"
C12	16.65'	55.00'	017°20'29"
C13	61.09'	700.00'	005°00'00"
C14	32.72'	63.00'	029°45'42"

FUTURE
RANCHO MERCADO
FINAL PLAT PARCEL A19

CURVE TABLE				CURVE TABLE				CURVE TABLE				CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA	CURVE #	LENGTH	RADIUS	DELTA	CURVE #	LENGTH	RADIUS	DELTA	CURVE #	LENGTH	RADIUS	DELTA
C15	75.85'	63.00'	068°59'07"	C19	56.55'	36.00'	090°00'00"	C23	98.96'	63.00'	090°00'00"	C27	56.55'	36.00'	090°00'00"
C16	14.23'	47.00'	017°20'29"	C20	32.36'	25.00'	074°10'24"	C24	86.39'	55.00'	090°00'00"	C28	103.04'	55.00'	107°20'29"
C17	16.65'	55.00'	017°20'29"	C21	56.55'	36.00'	090°00'00"	C25	56.55'	36.00'	090°00'00"				
C18	103.04'	55.00'	107°20'29"	C22	86.39'	55.00'	090°00'00"	C26	16.65'	55.00'	017°20'29"				

LOT TABLE\WIDTH BASED ON FBSL			
LOT	AREA SQ FT	AREA ACRES	WIDTH
712	7267	0.167	63.3'
713	7245	0.166	63.0'
714	7245	0.166	63.0'
715	8037	0.185	67.0'
716	8037	0.185	67.0'
717	7245	0.166	63.0'
718	7245	0.166	63.0'
719	8712	0.200	62.5'
720	17082	0.392	59.2'
721	11447	0.263	75.1'
722	7245	0.166	63.0'
723	7245	0.166	63.0'
724	7245	0.166	63.0'
725	7245	0.166	63.0'
726	7245	0.166	63.0'
727	7245	0.166	63.0'
728	8037	0.185	63.0'
729	8407	0.193	63.3'
730	7245	0.166	63.0'
731	7245	0.166	63.0'
732	7245	0.166	63.0'
733	7245	0.166	63.0'
734	8037	0.185	67.0'
735	8037	0.185	67.0'
736	7245	0.166	63.0'
737	7245	0.166	63.0'
738	7245	0.166	63.0'
739	7245	0.166	63.0'
740	7245	0.166	63.0'
741	7245	0.166	63.0'
742	7245	0.166	63.0'
743	11625	0.267	62.4'
744	12661	0.291	59.2'
745	9246	0.212	67.5'
746	8037	0.185	67.0'
747	7245	0.166	63.0'
748	7245	0.166	63.0'
749	7245	0.166	63.0'
750	7245	0.166	63.0'
751	7245	0.166	63.0'
752	7245	0.166	63.0'
753	8037	0.185	67.0'
754	8037	0.185	63.0'
755	7245	0.166	63.0'
756	7245	0.166	63.0'
757	7245	0.166	63.0'
758	7245	0.166	63.0'
759	7245	0.166	63.0'
760	7245	0.166	63.0'
761	8037	0.185	67.0'

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L25	S38°34'34"W	7.14'	L35	S45°13'12"W	16.00'
L26	N00°13'12"E	10.83'	L36	S00°13'12"W	81.34'
L27	N45°13'12"E	22.63'	L37	S45°13'12"W	22.63'
L28	S45°13'12"W	22.63'	L38	S00°14'26"E	24.77'
L29	N44°46'48"W	22.63'	L39	N44°46'48"W	22.63'
L30	S00°13'12"W	30.00'	L40	N44°46'48"W	16.00'
L31	S89°46'48"E	11.51'	L41	S44°46'48"E	22.63'
L32	S44°46'48"E	22.63'	L42	N45°13'12"E	22.63'
L33	S44°46'48"E	22.63'	L43	N45°13'12"E	22.63'
L34	N45°13'12"E	22.63'	L44	N44°46'48"W	22.63'



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COUNTY: MARICOPA
SECTION: 4
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A17
CITY OF SURPRISE, ARIZONA

JANUARY 2018

REVISIONS:

PM. J. SPRING
DR. R. GILES
JOB NO. 09001944
SCALE 0 20 40
1" = 40 FEET
09001944.FP.A17.DWG
SHEET NO. 4 OF 4

k:\09001944.dwg Survey\Final plat\017\09001944.FP.A17.dwg Savedate: 3/28/2018 1:00 PM Plotdate: 3/28/2018 1:04 PM
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Rancho Mercado

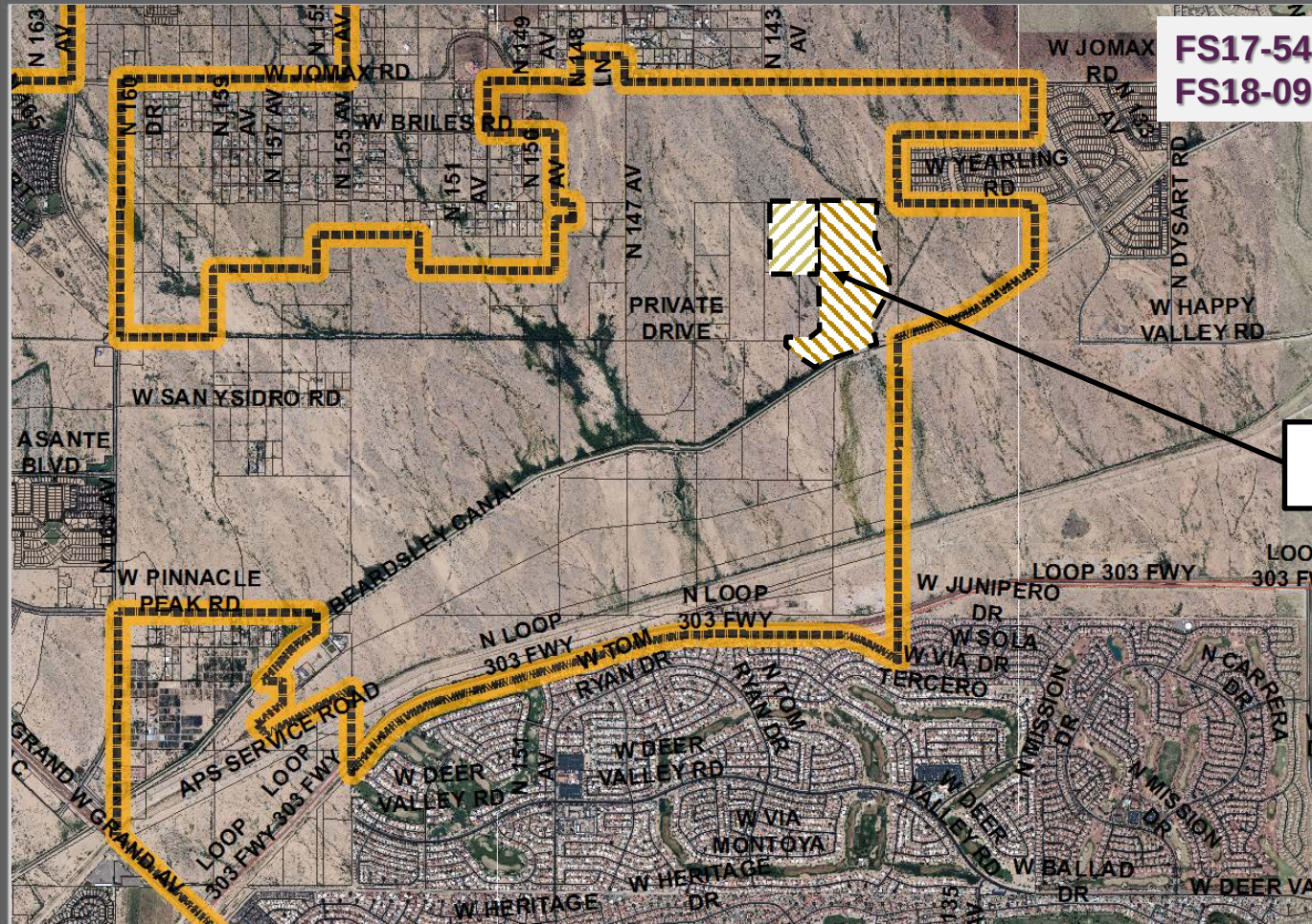
FS17-546 Parcel A17 Final Plat
FS18-093 Parcel A19 Final Plat

City Council
November 6, 2018

Vicinity Map



FS17-546 Parcel A17 Final Plat
FS18-093 Parcel A19 Final Plat



Subject Site

Case Map



North



FS17-546 Parcel A17 Final Plat



COUNTY: MARICOPA
SECTION: 4
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A17
CITY OF SURPRISE, ARIZONA

JANUARY 2018

REVISIONS:



PM: J. SPRING

DR: R. GILES

09001944

1" = 40 FEET

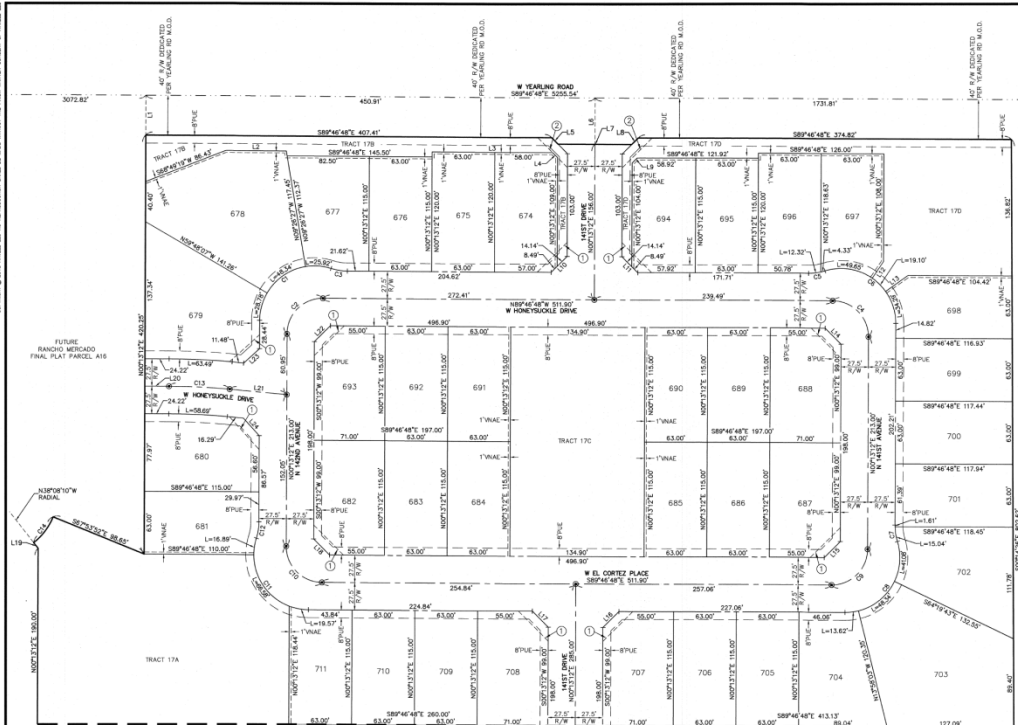
WORTH P. GORE

SHEET

3 OF 4

LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L1	S89°45'48"E	40.00'	L13	N54°29'36"E	27.53'
L2	S89°46'48"E	60.59'	L14	N44°46'48"E	22.63'
L3	S89°46'48"E	121.00'	L15	N44°33'12"E	22.63'
L4	S44°46'48"E	7.07'	L16	N44°33'12"E	22.63'
L5	S44°46'48"E	9.19'	L17	S44°46'48"E	22.63'
L6	N00°13'12"E	46.50'	L18	N44°46'48"E	22.63'
L7	S89°46'48"E	74.00'	L19	N38°08'10"E	7.14'
L8	N40°13'12"E	9.19'	L20	S89°46'48"E	24.22'
L9	N40°13'12"E	7.07'	L21	S89°46'48"E	37.46'
L10	S40°13'12"E	22.63'	L22	N47°43'12"E	22.63'
L11	S44°46'48"E	22.63'	L23	N47°43'12"E	21.63'
L12	S34°30'20"E	20.15'	L24	S42°16'48"E	23.56'

CURVE #	LENGTH	RADIUS	DELTA
C1	103.04'	55.00'	10°29'28"
C2	56.50'	36.00'	09°00'00"
C3	16.60'	55.00'	00°25'29"
C4	56.50'	36.00'	09°00'00"
C5	16.60'	55.00'	01°25'29"
C6	103.04'	55.00'	10°29'28"
C7	15.04'	56.50'	00°00'00"
C8	103.04'	55.00'	10°29'28"
C9	56.50'	36.00'	09°00'00"
C10	56.50'	36.00'	09°00'00"
C11	103.04'	55.00'	10°29'28"
C12	16.60'	55.00'	01°25'29"
C13	61.09'	705.00'	00°00'00"
C14	22.72'	63.00'	00°04'42"



LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
674	7330	0.173	63.0'	687	8037	0.185	67.0'	700	7474	0.170	63.0'
676	7360	0.174	63.0'	688	8037	0.185	67.0'	701	7446	0.171	63.0'
678	7245	0.166	63.0'	689	7245	0.166	63.0'	702	9742	0.224	61.0'
677	8236	0.189	66.3'	690	7245	0.166	63.0'	703	17014	0.391	56.9'
678	19007	0.436	56.4'	691	7245	0.166	63.0'	704	4976	0.167	62.4'
679	12002	0.278	74.0'	692	7245	0.166	63.0'	705	7245	0.166	63.0'
680	8662	0.199	69.7'	693	8037	0.185	67.0'	706	7245	0.166	63.0'
681	7162	0.164	63.0'	694	7321	0.168	63.4'	707	8037	0.185	67.0'
682	8037	0.185	67.0'	695	7245	0.166	63.0'	708	8037	0.185	67.0'
683	7245	0.166	63.0'	696	7354	0.173	63.7'	709	7245	0.166	63.0'
684	7245	0.166	63.0'	697	7382	0.169	60.5'	710	7245	0.166	63.0'
685	7245	0.166	63.0'	698	7443	0.171	56.8'	711	7267	0.167	63.3'
686	7245	0.166	63.0'	699	7382	0.169	63.0'				

ATWELL & ASSOCIATES, INC. 10000 N. 10TH AVENUE, SUITE 100, SURPRISE, ARIZONA 85079-4000
 1. LOT 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

FS17-546 Parcel A17 Final Plat



ATWELL
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1000 N. GILBERT AVENUE
SUITE 100
TAMPA, FL 33604

COUNTY: MARICOPA

SECTION: 4

TOWNSHIP: 4 NORTH

RANGE: 1 WEST

FINAL PLAT

RANCHO MERCADO

PARCEL A17

CITY OF SURPRISE, ARIZONA

JANUARY 2018

REVISIONS:



PM: J. SPRING

DR: R. GILES

JOB NO: 09001944

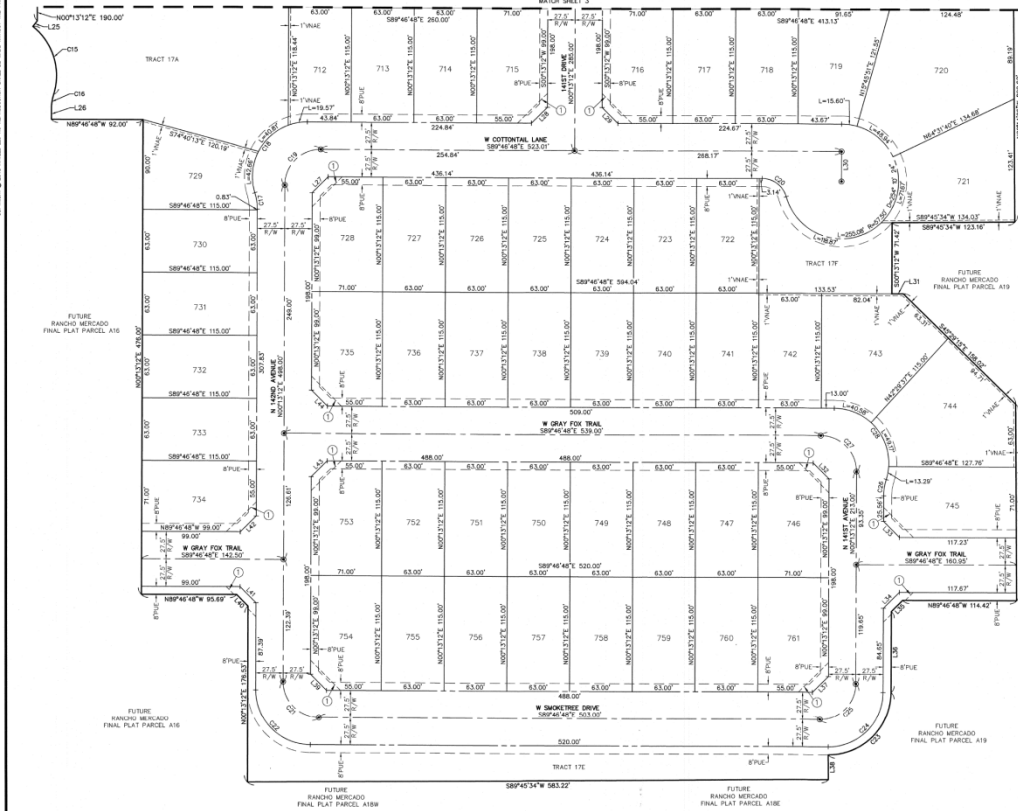
SCALE: 1" = 40 FEET

SHOW IF CLOSE

SHEET 4 OF 4

CURVE TABLE				CURVE TABLE				CURVE TABLE				CURVE TABLE				CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA	CURVE #	LENGTH	RADIUS	DELTA	CURVE #	LENGTH	RADIUS	DELTA	CURVE #	LENGTH	RADIUS	DELTA	CURVE #	LENGTH	RADIUS	DELTA
C15	75.85'	63.00'	080°50'00"	C19	56.55'	36.00'	080°50'00"	C23	98.94'	63.00'	080°50'00"	C27	56.55'	36.00'	080°50'00"	C31	103.04'	55.00'	107°20'29"
C16	14.25'	47.00'	017°20'29"	C20	32.34'	25.00'	074°07'24"	C24	86.39'	55.00'	080°50'00"	C28	103.04'	55.00'	107°20'29"	C32	16.85'	25.00'	017°20'29"
C17	16.85'	55.00'	017°20'29"	C21	56.55'	36.00'	080°50'00"	C25	56.55'	36.00'	080°50'00"	C29	103.04'	55.00'	107°20'29"	C33	16.85'	25.00'	017°20'29"
C18	103.04'	55.00'	107°20'29"	C22	86.39'	55.00'	080°50'00"	C26	16.85'	25.00'	017°20'29"	C30	103.04'	55.00'	107°20'29"	C34	16.85'	25.00'	017°20'29"

MATCH SHEET 3



LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L26	S89°54'30"W	7.14'	L36	S40°13'12"W	14.50'
L27	N00°13'12"E	10.83'	L37	S00°13'12"W	81.34'
L28	S40°13'12"W	22.63'	L38	S00°14'26"E	24.77'
L29	S44°40'48"W	22.63'	L39	N44°40'48"W	22.63'
L30	S00°13'12"W	30.00'	L40	N44°40'48"W	14.50'
L31	S89°54'30"E	11.50'	L41	S44°40'48"E	22.63'
L32	S44°40'48"E	22.63'	L42	N40°13'12"E	22.63'
L33	S44°40'48"E	22.63'	L43	N40°13'12"E	22.63'
L34	N40°13'12"E	22.63'	L44	N44°40'48"W	22.63'



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FS18-096 Parcel A19 Final Plat

LEGAL DESCRIPTION

A PORTION OF THE SOUTHEAST QUARTER OF SECTION 4 AND THE NORTHEAST QUARTER OF SECTION 9, TOWNSHIP 4 NORTH, RANGE 1 WEST, OF THE DELTA AND SALT RIVER BASIN AND MORGAN MARQUADO COUNTY, ARIZONA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCEMENT AT A FOUND 2" ALUMINUM CAP STAMPED MARQUADO COUNTY RLS 30623 2003, ACQUIRED AS THE WEST QUARTER CORNER OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, FROM THE PUBLIC BUREAU OF LAND MANAGEMENT, STAMPED MARQUADO COUNTY DEPARTMENT OF TRANSPORTATION 30770, ACQUIRED AS THE EAST QUARTER CORNER OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, THEREOF BEARS 58°46'48" A DISTANCE OF 5055.54'

THENCE, ALONG THE WEST-EAST MID-SECTION LINE OF SAID SECTION 4, 58°46'48" A DISTANCE OF 384.18 FEET;

THENCE LEAVING THE WEST-EAST MID-SECTION LINE OF SAID SECTION 4, 90°00'00" A DISTANCE OF 45.00 FEET TO THE POINT OF BEGINNING;

THENCE, 58°46'48" A DISTANCE OF 110.15 FEET;

THENCE, 58°46'48" A DISTANCE OF 8.19 FEET;

THENCE, 58°46'48" A DISTANCE OF 74.00 FEET;

THENCE, 58°46'48" A DISTANCE OF 9.16 FEET;

THENCE, 58°46'48" A DISTANCE OF 835.18 FEET;

THENCE, 50°02'02" A DISTANCE OF 388.86 FEET;

THENCE, 50°48'28" A DISTANCE OF 308.80 FEET;

THENCE, 50°25'05" A DISTANCE OF 50.61 FEET;

THENCE, 51°53'24" A DISTANCE OF 369.85 FEET;

THENCE, 50°07'02" A DISTANCE OF 250.67 FEET;

THENCE, 52°17'41" A DISTANCE OF 656.11 FEET;

THENCE, 50°07'02" A DISTANCE OF 148.77 FEET;

THENCE, 51°34'47" A DISTANCE OF 262.81 FEET;

THENCE, 51°12'50" A DISTANCE OF 728.62 FEET TO THE BEGINNING OF A TANGENT CURVE CONCAVE TO THE LEFT;

THENCE, SOUTHWESTERLY ALONG SAID CURVE AN ARC LENGTH OF 385.1 FEET, WITH A RADIUS OF 1768.6 FEET AND A CENTRAL ANGLE OF 10°25'25";

THENCE, 58°05'29" A DISTANCE OF 83.61 FEET;

THENCE, 50°05'29" A DISTANCE OF 350.43 FEET TO THE BEGINNING OF A TANGENT CURVE CONCAVE TO THE LEFT;

THENCE, NORTHWESTERLY ALONG SAID CURVE AN ARC LENGTH OF 278.01 FEET, WITH A RADIUS OF 1488.0 FEET AND A CENTRAL ANGLE OF 10°01'02";

THENCE, 58°46'48" A DISTANCE OF 89.79 FEET;

THENCE, 58°46'48" A DISTANCE OF 63.80 FEET;

THENCE, 58°46'48" A DISTANCE OF 11.57 FEET;

THENCE, 58°46'48" A DISTANCE OF 38.36 FEET;

THENCE, 58°46'48" A DISTANCE OF 380.00 FEET;

THENCE, 58°46'48" A DISTANCE OF 144.00 FEET;

THENCE, 58°46'48" A DISTANCE OF 211.00 FEET;

THENCE, 58°46'48" A DISTANCE OF 760.00 FEET;

THENCE, 58°46'48" A DISTANCE OF 85.00 FEET;

THENCE, 58°46'48" A DISTANCE OF 211.00 FEET;

THENCE, 58°46'48" A DISTANCE OF 104.08 FEET;

THENCE, 58°46'48" A DISTANCE OF 24.77 FEET TO THE BEGINNING OF A NON-TANGENT CURVE CONCAVE TO THE LEFT;

THENCE, NORTHWESTERLY ALONG SAID CURVE AN ARC LENGTH OF 48.96 FEET, WITH A RADIUS OF 45.00 FEET AND THE RADIAL BEARING OF N70°02'15" W AND A CENTRAL ANGLE OF 90°00'00";

THENCE, 58°46'48" A DISTANCE OF 81.34 FEET;

THENCE, 58°46'48" A DISTANCE OF 16.00 FEET;

THENCE, 58°46'48" A DISTANCE OF 114.43 FEET;

THENCE, 58°46'48" A DISTANCE OF 197.01 FEET;

THENCE, 58°46'48" A DISTANCE OF 158.02 FEET;

THENCE, 58°46'48" A DISTANCE OF 11.51 FEET;

THENCE, 58°46'48" A DISTANCE OF 71.42 FEET;

THENCE, 58°46'48" A DISTANCE OF 123.16 FEET;

THENCE, 58°46'48" A DISTANCE OF 802.62 FEET TO THE POINT OF BEGINNING.

TRACT TABLE

TRACT	AREA SQ FT	AREA ACRES	USAGE
TRACT 180	18029	4.252	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, WATER & SEWER EASEMENT, WELL, STORAGE, TRAIL, OUTFLOW EASEMENT, MULTI-USE TRAIL AND PUE
TRACT 181	27128	6.222	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE
TRACT 182	8859	2.024	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION, MULTI-USE TRAIL AND PUE
TRACT 183	88877	1.807	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE
TRACT 184	1764	0.040	OPEN SPACE, DRAINAGE AND PUE
TRACT 185	5382	0.124	OPEN SPACE, DRAINAGE AND PUE
TRACT 186	24488	0.561	MULTI-USE TRAIL, DRAINAGE, RECREATION, WATER & SEWER EASEMENT AND PUE
TRACT 189	842453	19.340	604 WASH, DRAINAGE, WATER & SEWER EASEMENT AND PUE
TOTAL	1728703	39.640	

LEGEND

- SUBDIVISION BOUNDARY
- RIGHT OF WAY LINE
- EXISTING RIGHT OF WAY LINE
- CENTERLINE
- EXISTING EASEMENT LINE
- PROPOSED EASEMENT LINE
- SECTION LINE
- ALIGNED SECTION LINE
- SUBDIVISION CORNER TO BE SET
- FOUND MONUMENT AS NOTED
- CENTERLINE MONUMENT (TO BE SET BY CITY OF SURPRISE STANDARDS)
- 30°/30° SHORT VISIBILITY EASEMENT
- 40°/40° SHORT VISIBILITY EASEMENT
- VEHICULAR NON-ACCESS EASEMENT
- PUBLIC UTILITY EASEMENT
- M.O.D.
- MAP OF DEDICATION
- R/W
- RIGHT-OF-WAY
- FRONT BUILDING SETBACK LINE
- D
- CURVE TABLE NUMBER
- LI
- LINE TABLE NUMBER
- RADIAL BEARING
- FINAL PLAT

CITY OF SURPRISE CENSUS ZONING

DEVELOPMENT STANDARDS ARE PER CITY OF SURPRISE ZONING CASE FS10-210 OR AS SUBSEQUENTLY AMENDED.



COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS



PL: 0 SPRING
OR: R. GLETS
R. GLETS
09001944

SCALE: 1" = 200 FEET

DATE: 08/15/18

SHEET 10

2 OF 10

FS18-096 Parcel A19 Final Plat



COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS



PL: J. SPRING
DR: R. GILES
JOB NO:
09001944

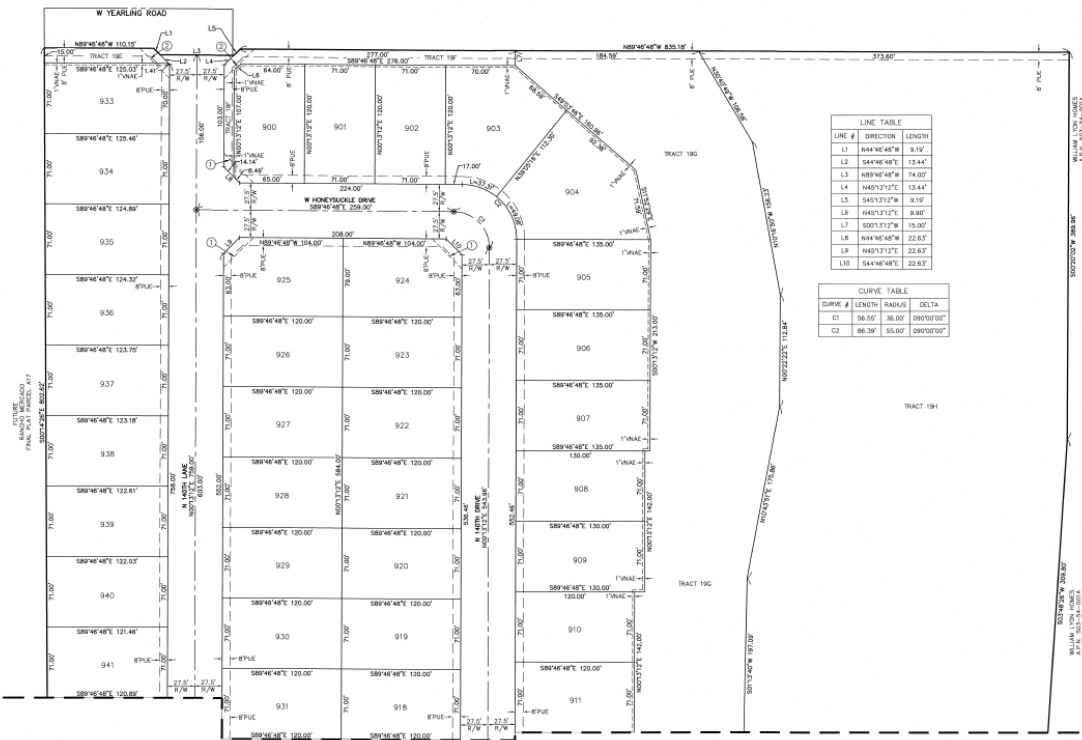
SCALE
1" = 40 FEET

SHEET
3 OF 10



LINE #	DIRECTION	LENGTH
L1	S44°46'48"W	9.19'
L2	S44°46'48"W	12.44'
L3	N89°46'48"W	74.00'
L4	N48°13'12"E	13.44'
L5	S48°13'12"E	9.19'
L6	N48°13'12"E	9.80'
L7	S00°13'12"W	15.00'
L8	N44°46'48"W	22.63'
L9	N48°13'12"E	22.63'
L10	S44°46'48"W	22.63'

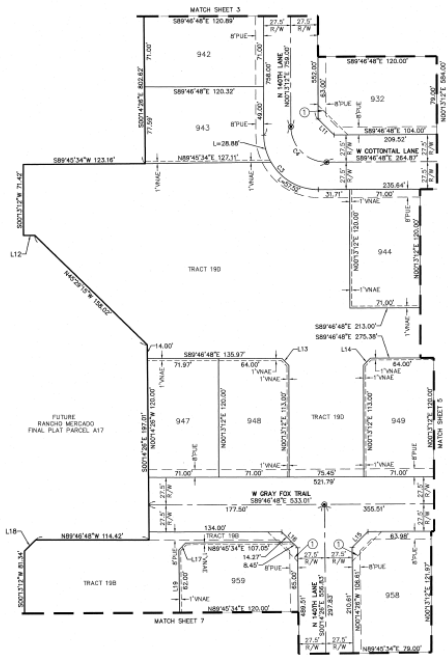
CURVE #	LENGTH	RADIUS	DELTA
C1	58.50'	36.00'	99°10'00"
C2	86.39'	55.00'	99°10'00"



MATCH SHEET 3

LOT TABLE/WIDTH BASED ON FBBL				LOT TABLE/WIDTH BASED ON FBBL				LOT TABLE/WIDTH BASED ON FBBL				LOT TABLE/WIDTH BASED ON FBBL			
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
900	8477	0.195	71.0'	908	9230	0.212	71.0'	924	9352	0.215	71.0'	934	8897	0.204	71.0'
901	8520	0.196	71.0'	909	9230	0.196	71.0'	925	9352	0.215	71.0'	935	8847	0.203	71.0'
902	8520	0.196	71.0'	910	8520	0.196	71.0'	926	9352	0.196	71.0'	936	8806	0.202	71.0'
903	11386	0.261	63.0'	911	8520	0.196	71.0'	927	8520	0.196	71.0'	937	8768	0.200	71.0'
904	13023	0.299	58.8'	912	8520	0.196	71.0'	928	8520	0.196	71.0'	938	8725	0.200	71.0'
905	9585	0.220	71.0'	913	8520	0.196	71.0'	929	8520	0.196	71.0'	939	8683	0.199	71.0'
906	9585	0.220	71.0'	914	8520	0.196	71.0'	930	8520	0.196	71.0'	940	8644	0.198	71.0'
907	9585	0.220	71.0'	915	8520	0.196	71.0'	931	8520	0.196	71.0'	941	8604	0.198	71.0'
908	9230	0.212	71.0'	916	8520	0.196	71.0'	932	8520	0.205	71.0'				

FS18-096 Parcel A19 Final Plat



LOT	AREA SQ. FT.	AREA ACRES	ACRES
942	8563	0.215	75.07
943	8563	0.215	75.07
944	8563	0.215	75.07
945	8563	0.215	75.07
946	8563	0.215	75.07
947	8563	0.215	75.07
948	8563	0.215	75.07
949	8563	0.215	75.07
950	8563	0.215	75.07
951	8563	0.215	75.07
952	8563	0.215	75.07
953	8563	0.215	75.07
954	8563	0.215	75.07
955	8563	0.215	75.07
956	8563	0.215	75.07
957	8563	0.215	75.07
958	8563	0.215	75.07
959	8563	0.215	75.07
960	8563	0.215	75.07
961	8563	0.215	75.07
962	8563	0.215	75.07
963	8563	0.215	75.07
964	8563	0.215	75.07
965	8563	0.215	75.07
966	8563	0.215	75.07
967	8563	0.215	75.07
968	8563	0.215	75.07
969	8563	0.215	75.07
970	8563	0.215	75.07
971	8563	0.215	75.07
972	8563	0.215	75.07
973	8563	0.215	75.07
974	8563	0.215	75.07
975	8563	0.215	75.07
976	8563	0.215	75.07
977	8563	0.215	75.07
978	8563	0.215	75.07
979	8563	0.215	75.07
980	8563	0.215	75.07
981	8563	0.215	75.07
982	8563	0.215	75.07
983	8563	0.215	75.07
984	8563	0.215	75.07
985	8563	0.215	75.07
986	8563	0.215	75.07
987	8563	0.215	75.07
988	8563	0.215	75.07
989	8563	0.215	75.07
990	8563	0.215	75.07
991	8563	0.215	75.07
992	8563	0.215	75.07
993	8563	0.215	75.07
994	8563	0.215	75.07
995	8563	0.215	75.07
996	8563	0.215	75.07
997	8563	0.215	75.07
998	8563	0.215	75.07
999	8563	0.215	75.07
1000	8563	0.215	75.07

LINE #	DIRECTION	LENGTH
L11	N44°40'48"W	22.63
L12	S89°46'48"E	11.51
L13	S44°46'48"E	9.90
L14	N45°13'12"E	9.90
L15	N44°59'23"E	22.54
L16	S45°00'37"E	22.72
L17	N44°40'34"E	9.90
L18	S45°13'12"E	16.50
L19	N45°13'12"E	16.50

CURVE #	LENGTH	RADIUS	DELTA
C3	86.38	55.00	99°10'10"
C4	58.55	36.00	99°10'10"



COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2016

REVISIONS



FW: J. SPRING

DR: M. GILES

JOB NO. 09001944

SCALE: 1" = 40 FEET

DATE: 8/1/16

BY: J. SPRING

4 OF 10





COUNTY: MARICOPA

SECTION 4 & 9

TOWNSHIP: 4 NORTH

JSM 1:30NFR

FINAL PLAT

RANCHO MERCADO

PARCEL A19

CITY OF SUNSHINE, ARIZONA

AUGUST 2018



ATWELL	
PM.	J. SPRING
DR.	R. GILES

SCALE 0 20 40
1" = 40 FEET

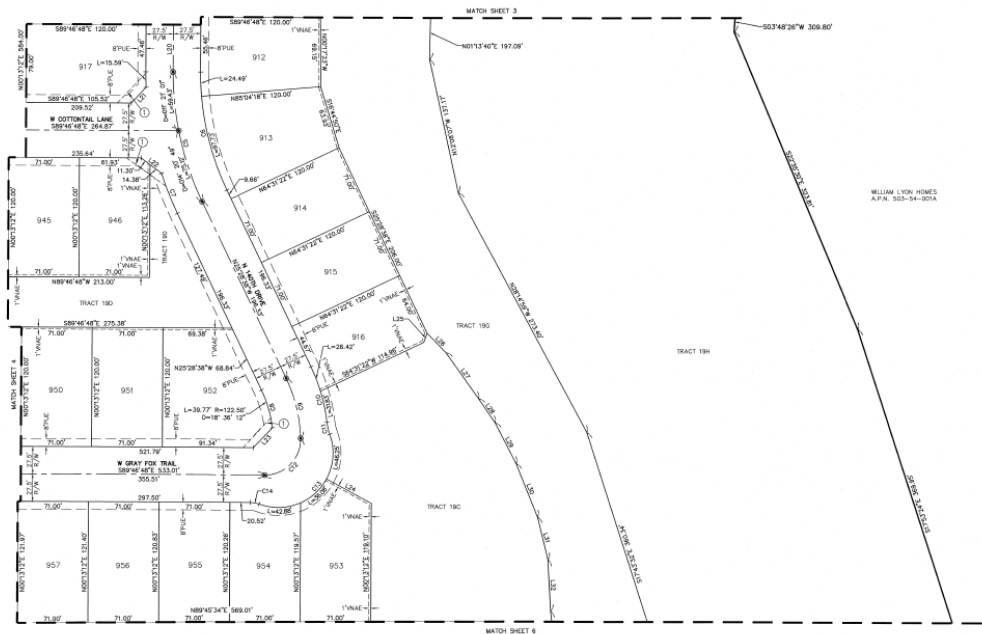
BRING IT ALONE.

5 OF 10

LOT TABLE WIDTH BASED ON FBSL			
LOT	AREA SQ FT	ACRES	WIDTH
912	8965	0.206	78.9'
913	10440	0.240	103.1'
914	8520	0.196	71.0'
915	8520	0.196	71.0'
916	8513	0.195	71.1'
917	9369	0.215	76.5'
945	8520	0.196	71.0'
946	8489	0.195	71.0'
950	8520	0.196	71.0'
951	8520	0.196	71.0'
952	11269	0.259	102.8'
953	9281	0.213	71.0'
954	8363	0.192	72.0'
955	8509	0.196	71.0'
956	8599	0.197	71.0'
957	8640	0.198	71.0'

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L20	N069°32'E	543.96'	L27	N35°18'21"W	56.76'
L21	S43°09'24"W	21.80'	L28	N34°18'27"W	29.45'
L22	S53°08'28"E	25.68'	L29	N27°33'57"W	45.92'
L23	S43°35'35"W	27.61'	L30	N21°56'44"W	57.92'
L24	S81°40'20"E	51.16'	L31	N13°34'33"W	44.23'
L25	S19°31'22"W	9.90'	L32	N02°50'56"W	51.48'
L26	S43°58'12"W	27.42'			

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C5	134.55'	300.00'	025°41'50"
C6	122.22'	272.50'	025°41'50"
C7	43.30'	127.50'	007°34'52"
C8	38.77'	122.50'	018°36'35"
C9	62.47'	150.00'	023°31'45"
C10	58.26'	177.50'	018°48'23"
C11	12.66'	55.00'	013°07'42"
C12	57.70'	36.00'	081°50'05"
C13	125.21'	55.00'	130°28'03"
C14	8.89'	25.00'	020°21'54"



WILLIAM LYON HOMES
A.P.N. 503-54-001A

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FS18-096 Parcel A19 Final Plat



COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

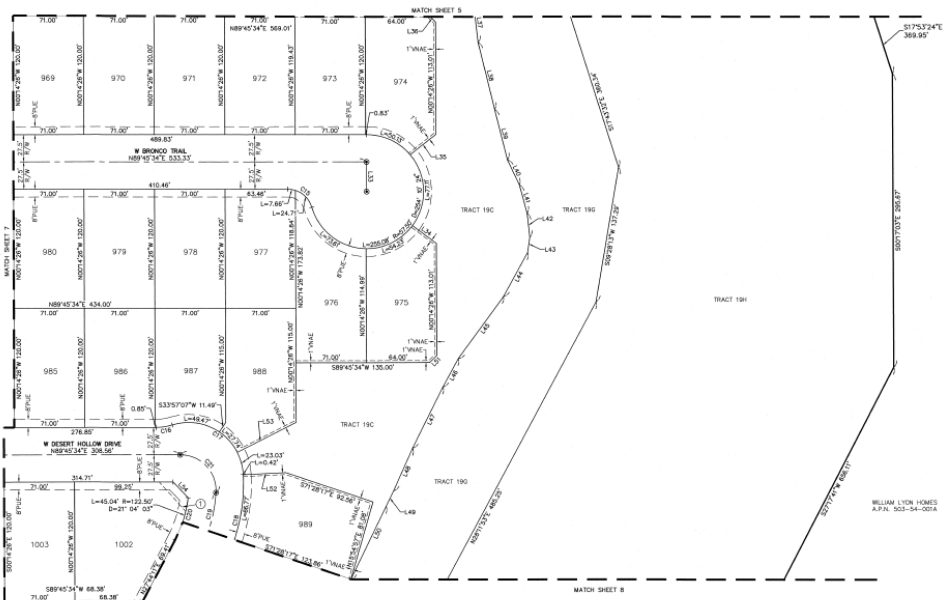
REVISIONS



PLN: J. SPRING
DR: K. GILES
JOB NO:
09001944

SCALE: 1" = 40 FEET

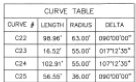
SHEET
6 OF 10



LOT TABLE BASED ON FBSL				LOT TABLE BASED ON FBSL			
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
969	8020	0.186	71.07	979	8020	0.186	71.07
970	8020	0.186	71.07	980	8020	0.186	71.07
971	8020	0.186	71.07	981	8020	0.186	71.07
972	8020	0.186	71.07	982	8020	0.186	71.07
973	8020	0.186	71.07	983	8020	0.186	71.07
974	8020	0.186	71.07	984	8020	0.186	71.07
975	8020	0.186	71.07	985	8020	0.186	71.07
976	8020	0.186	71.07	986	8020	0.186	71.07
977	8020	0.186	71.07	987	8020	0.186	71.07
978	8020	0.186	71.07	988	8020	0.186	71.07

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L31	S00°14'28"E	30.00'	L44	S02°14'47"W	50.47'
L34	S83°38'58"E	30.00'	L45	S03°13'04"W	77.48'
L35	S51°16'59"W	33.23'	L46	S28°23'32"W	32.61'
L36	N45°14'28"E	8.80'	L47	S28°23'32"W	68.67'
L37	N00°42'47"W	38.17'	L48	S23°31'15"W	47.23'
L38	S13°34'51"E	69.42'	L49	S02°14'21"W	11.23'
L39	S14°21'28"E	53.60'	L50	S22°14'27"W	61.40'
L40	S25°33'20"E	28.06'	L51	S44°45'35"W	9.90'
L41	S15°11'21"E	29.38'	L52	N88°59'18"E	43.02'
L42	S00°16'32"E	24.54'	L53	S62°51'02"W	66.53'
L43	S08°13'14"W	19.31'	L54	S47°39'29"E	31.99'

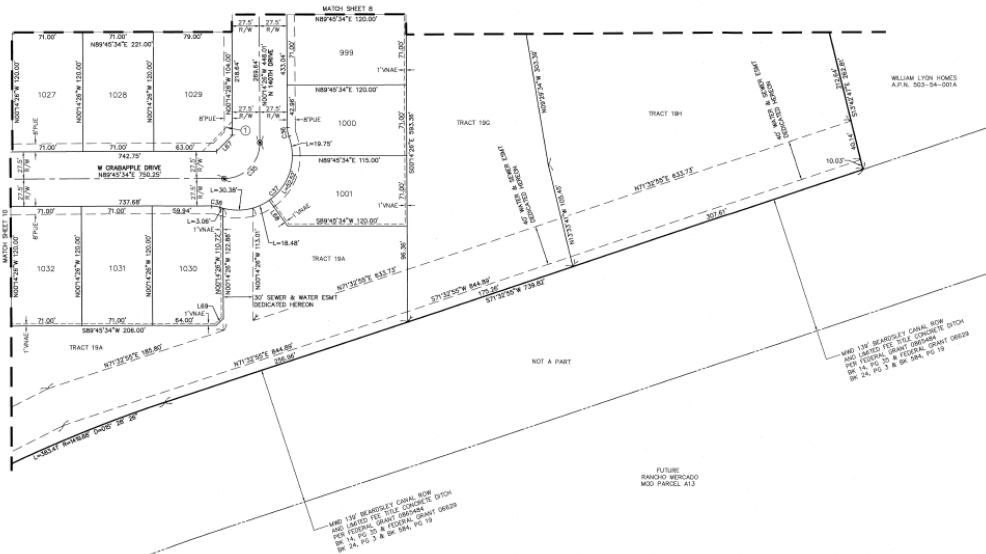
CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C15	32.36'	25.00'	64°14'24"
C16	18.67'	55.00'	61°17'30"
C17	100.34'	55.00'	104°25'20"
C18	85.72'	177.50'	63°03'47"
C19	63.68'	156.00'	55°41'31"
C20	40.04'	123.50'	101°14'34"
C21	58.84'	36.00'	59°13'03"



7 OF 10



NOT TO SCALE. THIS PLAT IS A PRELIMINARY PLAT. IT IS NOT TO BE USED FOR ANY PURPOSES OTHER THAN FOR INFORMATIONAL PURPOSES. THE PLAT IS NOT TO BE USED FOR ANY PURPOSES OTHER THAN FOR INFORMATIONAL PURPOSES. THE PLAT IS NOT TO BE USED FOR ANY PURPOSES OTHER THAN FOR INFORMATIONAL PURPOSES.



LOT TABLE WIDTH BASED ON FBIS.			
LOT	AREA SQ FT	AREA ACRES	WIDTH
999	8520	0.196	71.07
1000	8440	0.194	71.07
1001	8861	0.203	71.07
1027	8520	0.196	71.07
1028	8520	0.196	71.07
1029	9352	0.215	75.07
1030	8486	0.195	71.07
1031	8520	0.196	71.07
1032	8520	0.196	71.07



FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

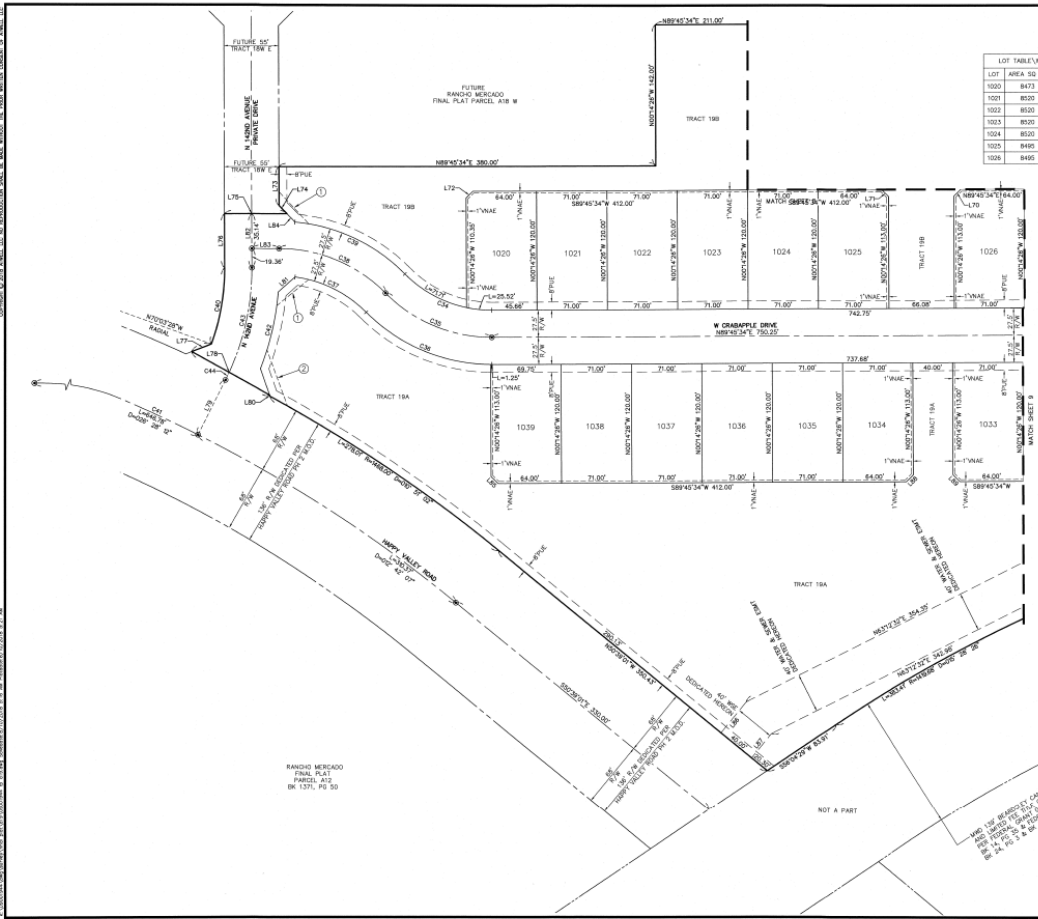


SCALE 0 20
1" = 40 FEET

SHEET
NO.

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L70	N44°45'34"E	9.90'	L80	S19°13'39"E	1.37'
L71	S45°14'26"E	9.90'	L81	N48°16'12"E	22.56'
L72	N44°45'34"E	9.90'	L82	N00°14'27"W	54.50'
L73	S00°14'26"E	39.36'	L83	N89°45'34"E	27.50'
L74	N43°36'57"W	11.57'	L84	N43°36'57"W	11.57'
L75	S89°45'34"W	62.95'	L85	N45°14'28"W	9.90'
L76	S00°14'26"E	54.50'	L86	S30°25'59"W	40.21'
L77	N88°50'58"E	21.20'	L87	S30°25'59"W	31.76'
L78	S69°05'43"E	89.79'	L88	S44°45'34"E	9.90'
L79	S26°38'52"W	61.71'	L89	N44°14'28"W	9.90'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C34	87.23'	122.50'	045°28'39"
C35	119.08'	150.00'	045°28'39"
C36	140.89'	177.50'	045°28'39"
C37	81.34'	122.50'	038°02'49"
C38	119.08'	150.00'	045°28'39"
C39	124.88'	177.50'	040°18'40"
C40	78.38'	222.50'	020°10'59"
C41	957.15'	1400.00'	039°10'19"
C42	80.05'	277.50'	016°31'38"
C43	108.87'	280.00'	024°57'07"





SURPRISE
ARIZONA

**QUESTIONS OR
COMMENTS?**

Thank You



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date:	November 6, 2018	Contact Person:	Robert Kuhfuss - Community Development
Submitting Department:		District:	1
Staff Recommendations:	Approve		

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to approval of the Final Plat entitled, "Rancho Mercado Parcel A19" dated August 10, 2018, a property generally located in Rancho Mercado south and east of the Yearling Road and Rancho Mercado Parkway alignment.

Motion:

I move to approve the Final Plat entitled, "Rancho Mercado Parcel A19" dated August 10, 2018.

Background:

The subject request involves a 133-lot Final Plat for Parcel A19 of Rancho Mercado and is one of two (2) Final Plats presented this date, but under separate cover.

Objective Analysis:

The proposed Final Plat is one of several case activities related to the Rancho Mercado development. Approval of the subject Final Plat will allow the city to continue issuing the infrastructure permits necessary for the applicant to continue construction. The proposed Final Plat is consistent with the Rancho Mercado PAD and other regulatory documents, and the reviewing agencies have expressed no objections to the approval of the Final Plat.

Policy Compliant:

The requested Final Plat is consistent with the Rancho Mercado PAD, the Rancho Mercado Preliminary Plat and advances the goals and policies of the General Plan.

Financial Impact:

All activity related to ongoing development of the City of Surprise has an economic and fiscal impact on the city and the region.

Budget Impact:

There is no anticipated budget impact related to this item.

FTE Impact:

This item does not have an impact on current staff levels.

ATTACHMENTS:

Click to download

[00 - Rancho Mercado Parcel A19 Final Plat, Case FS18-093 - Staff Report](#)

[01 - Rancho Mercado Parcel A19 Final Plat, Case FS18-093 - Vicinity Map](#)

[02 - Rancho Mercado Parcel A19 Final Plat, Case FS18-093 - Case Map](#)

[03 - Rancho Mercado Parcel A19 Final Plat, Case FS18-093 - Final Plat](#)

[04 - Rancho Mercado Parcel A19 Final Plat, Case FS18-093 - Presentation](#)

FINAL PLAT

REPORT TO THE CITY COUNCIL

Case: FS18-093

Project Name: Rancho Mercado Parcel A19 Final Plat

Council District: 1

City Council Date: November 06, 2018

Planner: Robert H. Kuhfuss, AICP

Owner: William Lyon Homes

Applicant: Fil Luna of William Lyon Homes

Request: Final Plat for Parcel A17 within the Rancho Mercado PAD

Site Location: Generally located south of the Yearling Road alignment and east of the Rancho Mercado Parkway alignment in Ranch Mercado

Site Size: 77.69 acres (approx.

Density: 1.71 DU/Ac.

General Plan Conformance: The proposal is consistent with the Surprise General Plan 2035

Support/Opposition: None known

Findings:

- The proposed Final Plat is consistent with the Rancho Mercado PAD.
- The proposed Final Plat is consistent with the Rancho Mercado Unit 1 Preliminary Plat as approved under FS15-069.
- The proposed Final Plat is consistent with the applicable City of Surprise regulations.
- The reviewing agencies have indicated no objections to the request.

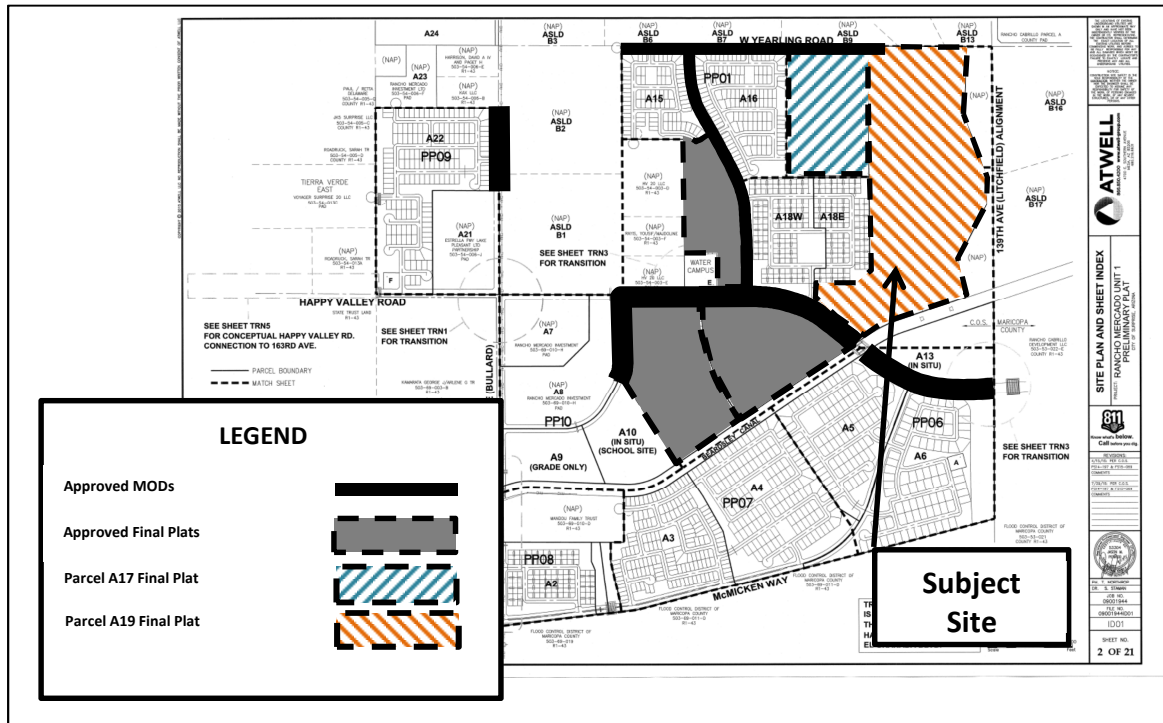
Alternative Actions: **Approval** of the requested Final Plat will allow the developer to continue building infrastructure in support of the larger Rancho Mercado PAD.

Denial of the requested Final Plat will deny the applicant the opportunity to develop the property as depicted on the proposed final plat.

Project Description:

The subject request involves an 133-lot Final Plat for Parcel A19 of Rancho Mercado and is one of two (2) Final Plats presented this date, but under separate cover.

The following map, taken from the Rancho Mercado Unit 1 Preliminary Plat, is annotated to depict the location of the subject Final Plat in relation to the other activity occurring within the PAD.



Background:

July 11, 2006: The Maricopa County Board of Supervisors approved a request for a Development Master Plan (DMP) and associated Zone Change for the Rancho Mercado project in what was then unincorporated Maricopa County.

May 25, 2007: The Surprise City Council entered into a Pre-Annexation Development Agreement with the applicant, which was recorded under 2007-0794202 MCR.

October 11, 2007: The Surprise City Council approved the Rancho Mercado PAD under case PAD06-276, subject to stipulations “a” through “u”, Ordinance #07-46.

November 10, 2007: The subject property was annexed into the City of Surprise via Ordinance # 2007-47.

December 2, 2010: Staff met with the applicant to discuss a Preliminary Plat for Rancho Mercado under case CR10-256.

December 7, 2010: Staff approved a Minor PAD Amendment to under case FS10-210.

March 30, 2011: The applicant filed a request for a Preliminary Plat covering the subject property under case PS11-093, which expired due to inactivity.

January 5, 2016: The City Council approved the Preliminary Plat for Rancho Mercado Unit 1 under case FS15-069.

September 14, 2017: The applicant submitted a request for a Final Plat for Rancho Mercado Parcel A17 under case FS17-546.

October 17, 2017: The City Council approved the Map of Dedication for Happy Valley Road Phase 3 under case FS17-097.

October 17, 2017: The City Council approved the Map of Dedication for Happy Valley Road Phase 2 under case FS17-098.

October 17, 2017: The City Council approved the Map of Dedication for Rancho Mercado Parkway under case FS16-384.

October 31, 2017: Staff administratively approved the Minor Site Plan regarding the Rancho Mercado Water Campus under case FS17-262.

December 5, 2017: The City Council approved the Final Plat for Rancho Mercado Parcel A14 under case FS16-385.

February 15, 2018: The applicant submitted a request for a Final Plat for Rancho Mercado Parcel A19 under case FS18-093, the subject case.

February 20, 2018: The City Council approved a Final Plat for Ranch Mercado Parcel A11 under case FS17-257.

February 20, 2018: The City Council approved a Final Plat for Ranch Mercado Parcel A12 under case FS17-258.

February 20, 2018: The City Council approved a Map of Dedication for Happy Valley Road Phase 1 under case FS17-264.

February 20, 2018: The City Council approved a Map of Dedication for 147th Avenue under case FS17-499.

October 2, 2018: The City Council approved a Map of Dedication for Yearling Road under case FS18-086.

Reviewing Agencies:

The subject request was routed to the standard reviewing agencies, who have indicated no objections to the request.

Summary:

The proposed Final Plat is one of several case activities related to the Rancho Mercado development. Approval of the subject Final Plat will allow the city to continue issuing the infrastructure permits necessary for the applicant to continue construction. The proposed Final Plat is consistent with the Rancho Mercado PAD and other regulatory documents, and the reviewing agencies have expressed no objections to the approval of the Final Plat.

Findings:

- The proposed Final Plat is consistent with the Rancho Mercado PAD.
- The proposed Final Plat is consistent with the Rancho Mercado Unit 1 Preliminary Plat as approved under FS15-069.
- The proposed Final Plat is consistent with the applicable City of Surprise regulations.
- The reviewing agencies have indicated no objections to the request.

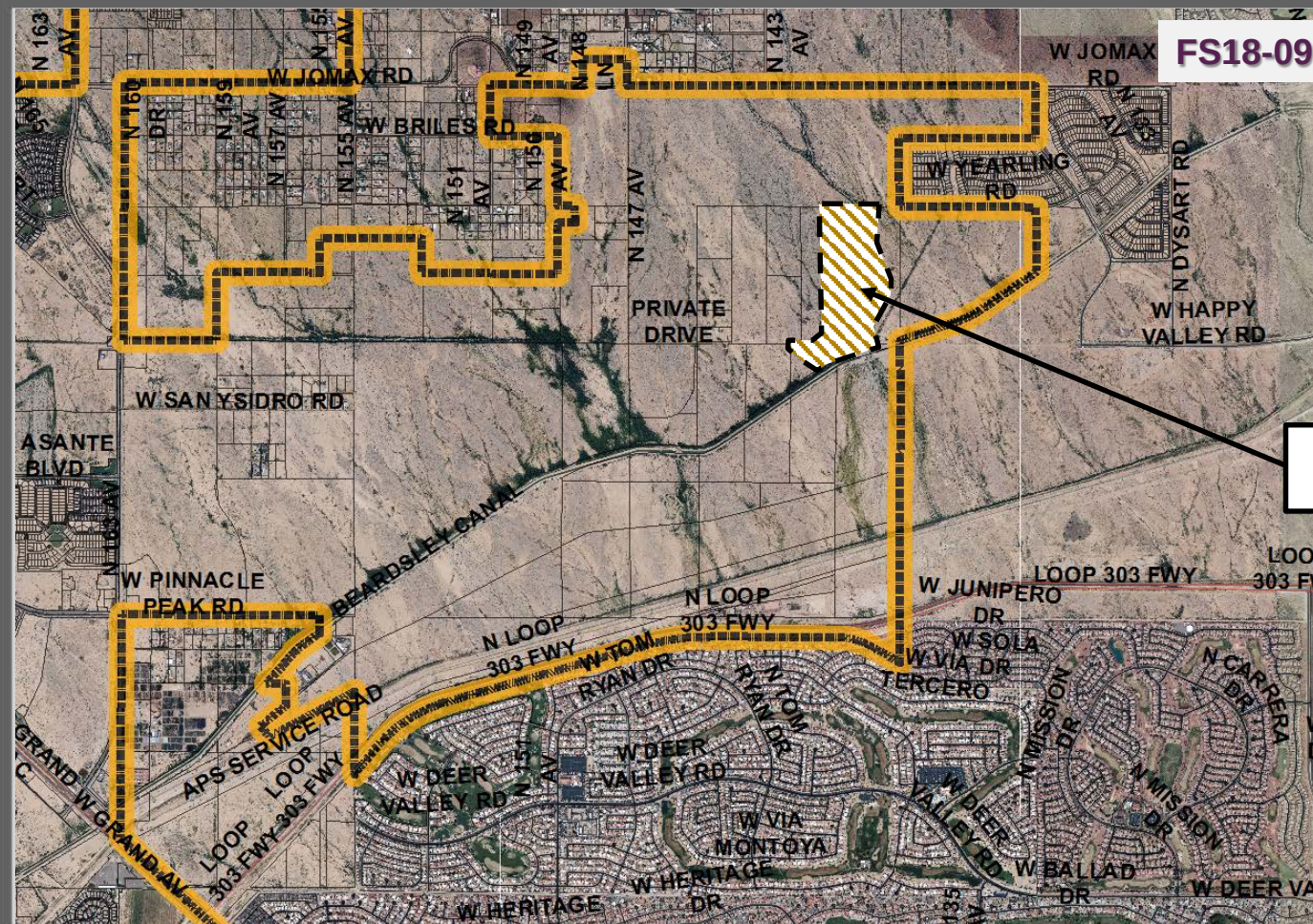
Attachments:

01 Vicinity Map
02 Case Map
03 Final Plat

Vicinity Map



FS18-093 Parcel A19 Final Plat



Subject Site

Case Map



North

1 Mile

DEDICATION

STATE OF ARIZONA: }
COUNTY OF MARICOPA: } SS

KNOW ALL PERSONS BY THESE PRESENTS:

- THAT WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION, HEREINAFTER "OWNER", HAS SUBDIVIDED UNDER THE NAME "RANCHO MERCADO PARCEL A19", LOCATED WITHIN A PORTION OF THE SOUTHEAST QUARTER OF SECTION 4, AND THE NORTHEAST QUARTER OF SECTION 9, TOWNSHIP 4 NORTH, RANGE 1 WEST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, CITY OF SURPRISE, MARICOPA COUNTY, ARIZONA AND DOES HEREBY DECLARE THAT THIS PLAT SETS FORTH THE LOCATION AND GIVES THE DIMENSIONS OF EACH LOT, TRACT, STREET, AND EASEMENT CONSTITUTING SAME, AND THAT EACH LOT, TRACT, STREET, AND EASEMENT SHALL BE KNOWN BY THE NUMBER, LETTER, AND/OR NAME GIVEN TO EACH RESPECTIVELY AS SHOWN ON THIS FINAL PLAT.
- "OWNER" HEREBY DEDICATES TO THE CITY OF SURPRISE FEE TITLE TO ALL PUBLIC RIGHTS-OF-WAY AS SHOWN ON THE FINAL PLAT.
- ALL IMPROVEMENTS, FOR STREETS AND PUBLIC UTILITIES OWNED AND OPERATED BY THE CITY, INSTALLED OR CONSTRUCTED BY "OWNER" WITHIN THE PUBLIC RIGHTS-OF-WAY, THE EASEMENTS, OR ANY TRACTS OR PARCELS HEREBY DEDICATED TO THE CITY OF SURPRISE SHALL BE DEEMED TO HAVE BEEN DEDICATED BY OWNER TO THE CITY UPON THEIR COMPLETION; HOWEVER, SUCH TRANSFER SHALL NOT OCCUR UNTIL THE CITY COUNCIL FOR THE CITY OF SURPRISE MANIFESTS ITS ACCEPTANCE BY SEPARATE FORMAL COUNCIL ACTION.
- "OWNER" HEREBY GRANTS TO THE PUBLIC A PERPETUAL NON-EXCLUSIVE EASEMENT IN, UPON, OVER, UNDER, THROUGH, AND ACROSS THE AREAS DESIGNATED AS PUBLIC UTILITY EASEMENTS AS SHOWN ON THE FINAL PLAT FOR THE PURPOSE OF ACCESSING, INSTALLING, CONSTRUCTING, MAINTAINING, REPAIRING, REPLACING AND UTILIZING PUBLIC UTILITIES.
- "OWNER" HEREBY GRANTS TO THE UNITED STATES OF AMERICA DEPARTMENT OF THE AIR FORCE "USAF" AN AVIGATION EASEMENT OVER AND ACROSS THIS FINAL PLAT AND EVERY LOT AND PARCEL THEREOF, WHICH EASEMENT SHALL INCLUDE, BUT NOT BE LIMITED TO, THE RIGHT OF FLIGHT OF AIRCRAFT OVER THIS FINAL PLAT, TOGETHER WITH ITS ATTENDANT NOISE, VIBRATIONS, FUMES, DUST, FUEL AND LUBRICANT PARTICLES, THAT MAY BE CAUSED BY THE OPERATION OF AIRCRAFT LANDING AT, OR TAKING OFF FROM, OR OPERATING AT OR ON LUKE AIR FORCE BASE AND AUXILIARY FIELD.
- "OWNER" HEREBY GRANTS TO THE CITY OF SURPRISE AN ODOR EASEMENT OVER, UPON AND ACROSS, FINAL PLAT, WHICH EASEMENT SHALL INCLUDE, BUT NOT LIMITED TO, THE RIGHT TO INVADE WITH ODORS, FUMES, SMELLS, AND PHYSICAL AIRBORNE PARTICULATES CAUSED BY THE LAWFUL OPERATION AND MAINTENANCE OF THE CITY'S WATER RECLAMATION FACILITY.
- THE EASEMENTS GRANTED WITHIN THIS DEDICATION ARE PERMANENT AND PERPETUAL AND SHALL RUN WITH THE LAND AND BE BINDING UPON OWNER AND ITS HEIRS, ASSIGNS, AND SUCCESSORS IN INTEREST TO THIS FINAL PLAT OR ANY PARCEL THEREOF.
- "OWNER" HEREBY WARRANTS AND REPRESENTS TO THE CITY OF SURPRISE THAT IT IS THE SOLE OWNER OF THE PROPERTY COVERED BY THIS FINAL PLAT, AND THAT EVERY LENDER, EASEMENT HOLDER OR OTHER PERSON OR ENTITY HAVING ANY INTEREST THAT IS ADVERSE TO OR INCONSISTENT WITH THE FOREGOING DEDICATION, OR ANY OTHER REAL PROPERTY INTEREST CREATED OR TRANSFERRED BY THIS FINAL PLAT, HAS CONSENTED TO OR JOINED IN THIS FINAL PLAT AS EVIDENCED BY INSTRUMENTS WHICH ARE RECORDED WITH THE MARICOPA COUNTY RECORDERS OFFICE OR WHICH OWNER WILL RECORD NOT LATER THAN THE DATE ON WHICH THIS FINAL PLAT IS RECORDED.
- "OWNER" HEREBY GRANTS TO THE CITY OF SURPRISE A PERPETUAL NON-EXCLUSIVE EASEMENT OVER, UPON AND ACROSS THE AREAS DESIGNATED AS SIGHT VISIBILITY TRIANGLES FOR THE PURPOSE OF ENSURING THAT THESE AREAS REMAIN FREE OF SIGHT VISIBILITY OBSTRUCTIONS.
- THE VEHICULAR NON ACCESS EASEMENTS " VNAE " ARE HEREBY DEDICATED TO THE RANCHO MERCADO COMMUNITY ASSOCIATION, ITS SUCCESSORS AND ASSIGNS AND IS INTENDED TO PREVENT VEHICULAR TRAFFIC BETWEEN TRACTS AND LOTS WITH THE EXCEPTION OF PUBLIC UTILITY USES. SAID " VNAE " AS DEDICATED HEREON WILL CROSS PUBLIC UTILITY EASEMENTS "PUE" ALSO CREATED HEREON, IN MULTIPLE LOCATIONS. THESE " VNAE " ARE NOT INTENDED TO PREVENT AUTHORIZED AGENTS OF THE PUBLIC UTILITY COMPANIES FROM CROSSING SAID " VNAE " DURING THE COURSE OF INSTALLATION, USE, MAINTENANCE AND REPAIR OF THE UTILITIES LOCATED IN SAID PUBLIC UTILITY EASEMENT "PUE".
- ALL TRACTS ARE NOT DEDICATED TO THE PUBLIC, BUT ARE PLATTED AS COMMON PROPERTY FOR THE USE AND ENJOYMENT OF THE RANCHO MERCADO COMMUNITY ASSOCIATION, AS MORE FULLY SET FORTH IN THE DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS.
- TRACTS PLATTED HEREON ARE DEDICATED FOR THE PURPOSES AS NOTED IN THE TRACT TABLE ON THIS FINAL PLAT AND SHALL BE MAINTAINED BY RANCHO MERCADO COMMUNITY ASSOCIATION.
- "OWNER" HEREBY GRANTS TO THE CITY OF SURPRISE A PERPETUAL CROSS ACCESS EASEMENT ACROSS THE FINAL PLAT INCLUDING ROADS AND STREETS, OPEN SPACES, COMMUNITY FACILITIES, TRACTS, SIDEWALKS, DRAINAGE BASINS AND ANY PROPERTY WITHIN THE PLAT OWNED BY THE HOMEOWNERS ASSOCIATION FOR THE PURPOSE OF PROVIDING CONTINUOUS AND UNINTERRUPTED INGRESS AND EGRESS FOR EMERGENCY VEHICLES.
- "OWNER" HEREBY GRANTS TO THE CITY OF SURPRISE A PERPETUAL EASEMENT ACROSS THE FINAL PLAT INCLUDING ROADS AND STREETS, OPEN SPACES, COMMUNITY FACILITIES, TRACTS, SIDEWALKS, DRAINAGE BASINS AND ANY PROPERTY WITHIN THE FINAL PLAT OWNED BY THE HOMEOWNERS ASSOCIATION FOR THE PURPOSE OF PROVIDING CONTINUOUS AND UNINTERRUPTED INGRESS AND EGRESS FOR TRASH COLLECTION VEHICLES.
- "OWNER" HEREBY GRANTS TO THE CITY OF SURPRISE A PERPETUAL EXCLUSIVE EASEMENT OVER, UNDER, UPON AND ACROSS ALL AREAS DESIGNATED ON THE PLAT AS A WATER AND SEWER LINE EASEMENT, FOR THE PURPOSES OF INSTALLING, CONSTRUCTING, MAINTAINING, REPAIRING, REPLACING AND UTILIZING THE WATER/SEWER LINES, MANHOLES AND WATER VALVES.
- "OWNER" HEREBY DEDICATES TO THE CITY OF SURPRISE A DISCHARGE EASEMENT OVER AND ACROSS TRACT 19A OF "RANCHO MERCADO PARCEL A19", GIVING THE CITY OF SURPRISE ALL RIGHTS OF DISCHARGE CAUSED BY THE OPERATION AND MAINTENANCE OF THE WELL OVER AND ACROSS TRACT 14C OF "RANCHO MERCADO PARCEL A14".
- "OWNER" HEREBY GRANTS TO THE PUBLIC AN EASEMENT FOR RECREATION OVER, UPON AND ACROSS THOSE AREAS DESIGNATED AS RECREATION TRAILS OR AREAS FOR THE PURPOSE OF ALLOWING THE PUBLIC ACCESS TO THE TRAIL SYSTEM.
- "OWNER" HEREBY GRANTS TO THE CITY OF SURPRISE, AN ARIZONA MUNICIPAL CORPORATION, AND ITS SUCCESSORS AND ASSIGNS, A PUBLIC RECREATION/TRAIL EASEMENT FOR BICYCLING AND OTHER NON-MOTORIZED FORMS OF PEDESTRIAN ACCESS OVER AND ACROSS TRACT 19A, 19C & 19G, INCLUDING THE RIGHT OF INGRESS AND EGRESS ALONG AND ACROSS THE EASEMENT PREMISES, AS SHOWN ON THIS FINAL PLAT.

IN WITNESS WHEREOF, OWNER HAS HEREUNTO CAUSED ITS CORPORATE NAME TO BE SIGNED AND ITS CORPORATE SEAL TO BE AFFIXED BY THE UNDERSIGNED, DULY AUTHORIZED OFFICER THIS DAY OF _____, 2018.

WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION.

BY: _____

ITS: _____

NOTARY ACKNOWLEDGEMENT

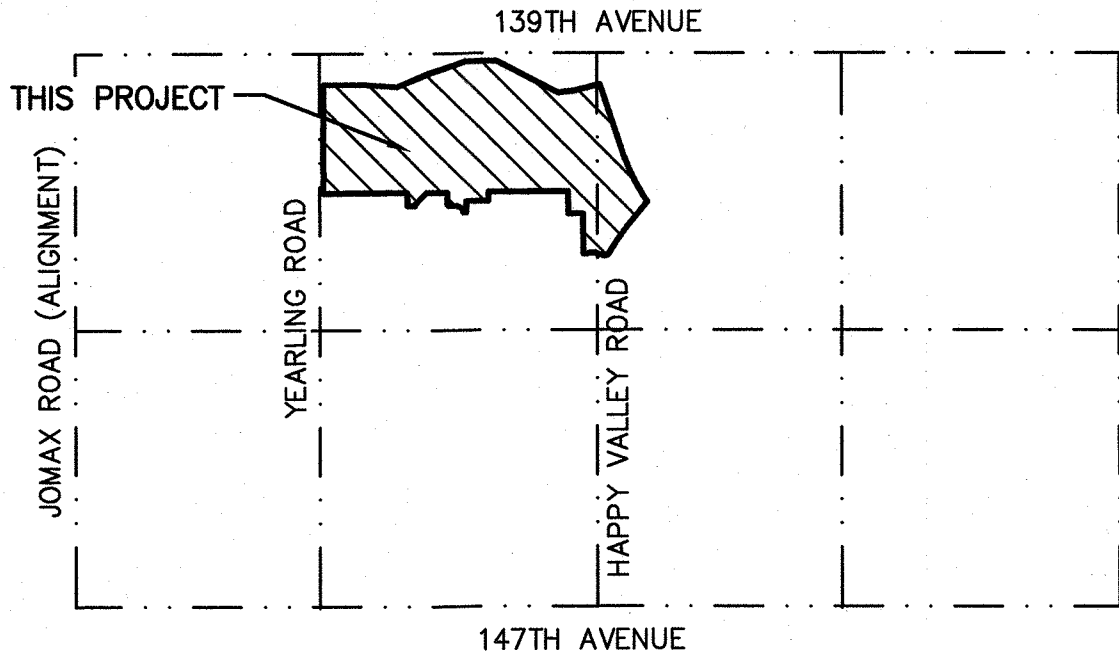
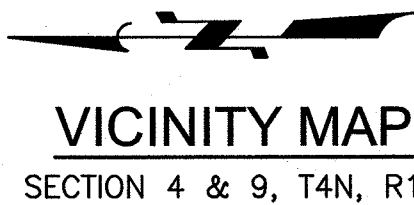
STATE OF ARIZONA: }
COUNTY OF MARICOPA: } SS

ON THIS _____ DAY OF _____, 2018, BEFORE ME, THE UNDERSIGNED NOTARY PUBLIC APPEARED JULIE E. COLLINS OF WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION, WHO ACKNOWLEDGED HERSELF TO BE THE SENIOR VICE PRESIDENT, AND THAT SHE EXECUTED THIS INSTRUMENT FOR THE PURPOSES HEREIN CONTAINED.

IN WITNESS WHEREOF, I HEREUNTO SET MY HAND AND OFFICIAL SEAL.

BY: _____ MY COMMISSION EXPIRES _____ DATE _____
NOTARY PUBLIC

FINAL PLAT
OF
RANCHO MERCADO PARCEL A19
A PORTION OF THE SOUTHEAST QUARTER OF SECTION 4, AND THE
NORTHEAST QUARTER OF SECTION 9, TOWNSHIP 4 NORTH, RANGE 1
WEST OF THE GILA AND SALT RIVER BASE AND MERIDIAN,
CITY OF SURPRISE, MARICOPA COUNTY, ARIZONA



OWNER/DEVELOPER

WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION.
8840 EAST CHAPARRAL ROAD, SUITE 200
SCOTTSDALE, ARIZONA 85250
PHONE NO: 480-850-3729
CONTACT: FIL LUNA

RELEASE OF LIABILITY

- WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION "OWNER" DOES HEREBY (1) RELEASE AND DISCHARGE THE "USAF" AND THE CITY OF SURPRISE, AND (2) INDEMNIFY, DEFEND, AND HOLD HARMLESS THE CITY OF SURPRISE, OF AND FROM ANY LIABILITY FOR ANY AND ALL CLAIMS FOR DAMAGES OF ANY KIND TO PERSONS OR PROPERTY THAT MAY ARISE AT ANY TIME IN THE FUTURE OVER, OR IN CONNECTION WITH AIRCRAFT OVERFLIGHTS FROM AIRCRAFT UTILIZING LUKE AIR FORCE BASE, WHETHER SUCH DAMAGE SHALL ORIGINATE FROM NOISE, VIBRATION, FUMES, DUST, FUEL AND LUBRICANT PARTICLES, THAT MAY BE CAUSED BY THE OPERATION OF AIRCRAFT LANDING AT, OR TAKING OFF FROM, OR OPERATING AT OR ON LUKE AIR FORCE BASE. THIS INSTRUMENT SHALL RUN WITH THE LAND AND BE BINDING UPON OWNER AND ITS HEIRS, ASSIGNS, AND SUCCESSORS IN INTEREST TO THIS PLAT OR ANY PARCEL OR LOT THEREOF. THIS INSTRUMENT DOES NOT RELEASE THE USAF FROM LIABILITY FOR DAMAGE OR INJURY TO PERSON OR PROPERTY CAUSED BY FALLING AIRCRAFT OR FALLING PHYSICAL OBJECTS FROM AIRCRAFT, EXCEPT AS STATED HEREIN WITH RESPECT TO NOISE, FUMES, DUST, FUEL, AND LUBRICANT PARTICLES.
- WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION "OWNER" DOES HEREBY (1) RELEASE AND DISCHARGE THE CITY OF SURPRISE, AND (2) INDEMNIFY, DEFEND, AND HOLD HARMLESS THE CITY OF SURPRISE, OF AND FROM ANY LIABILITY FOR ANY AND ALL CLAIMS FOR DAMAGES OF ANY KIND TO PERSONS OR PROPERTY THAT MAY ARISE AT ANY TIME IN THE FUTURE OVER, OR IN CONNECTION WITH THE AREAS LOCATED WITHIN THE NEWLY DEDICATED RIGHT-OF-WAY AS DEPICTED ON THIS PLAT UNTIL SUCH TIME THE RIGHT-OF-WAY IS IMPROVED TO CITY STANDARDS AND THOSE IMPROVEMENTS ARE APPROVED AND ACCEPTED BY THE CITY COUNCIL. THE MAINTENANCE OF THE AREA WITHIN ANY NEWLY DEDICATED RIGHT-OF-WAY AS SHOWN ON THIS PLAT SHALL BE THE RESPONSIBILITY OF THE ADJACENT OWNER/OR SUBSEQUENT ADJACENT OWNERS WITHIN THE BOUNDARY OF SAID PLAT UNTIL SUCH TIME THAT THE AREA WITHIN THE RIGHT-OF-WAY IS IMPROVED TO CITY STANDARD AND ACCEPTED BY THE CITY OF SURPRISE.
- WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION "OWNER" HEREBY FURTHER AGREES TO INDEMNIFY, DEFEND, AND HOLD HARMLESS THE CITY OF SURPRISE FROM ANY AND ALL CLAIMS FOR DAMAGES OF ANY KIND TO PERSONS OR PROPERTY LOCATED WITHIN THE RIGHT OF WAY THAT MAY ARISE IN CONNECTION WITH THE USE OF THE SIDEWALKS LOCATED WITHIN THE RIGHT OF WAY, UNTIL SUCH TIME THE CITY OF SURPRISE HAS ACCEPTED THE SIDEWALKS.

PUBLIC NOTICE

THE LOTS DEPICTED ON THIS FINAL PLAT ARE LOCATED WITHIN THE VICINITY OF LUKE AIR FORCE BASE AND MAY BE SUBJECT TO OVERFLIGHTS BY JET AIRCRAFT. ALL STRUCTURES WITHIN THIS PLAT SHALL BE CONSTRUCTED IN COMPLIANCE WITH THE SOUND ATTENUATION STANDARDS ADOPTED BY THE CITY OF SURPRISE. A MAP DEPICTING THE MOST CURRENT ADOPTED MAG NOISE CONTOURS IN RELATION TO THIS PLAT SHALL BE DISPLAYED IN ALL SALES OFFICES. ADDITIONAL INFORMATION MAY BE OBTAINED BY CONTACTING THE CITY OF SURPRISE COMMUNITY DEVELOPMENT DEPARTMENT.

100 YEAR ASSURED WATER SUPPLY LANGUAGE

THE AREA PLATTED HEREON LIES WITHIN THE DOMESTIC WATER SERVICE AREA OF CITY OF SURPRISE, AWS NO. 2010-012, WHICH IS DESIGNATED AS HAVING AN ASSURED WATER SUPPLY PURSUANT A.R.S. § 45-576.

GENERAL NOTES

- IN ACCORDANCE WITH A.R.S. § 9-461.07, THE CITY OF SURPRISE HAS DETERMINED THAT ALL DEDICATIONS OCCURRING WITH THIS FINAL PLAT ARE IN CONFORMANCE WITH THE CITY OF SURPRISE GENERAL PLAN.
- PURSUANT TO A.R.S. § 42-11102, THE CITY OF SURPRISE, A POLITICAL SUBDIVISION OF THE STATE OF ARIZONA, IS EXEMPT FROM ALL TAXES AND ASSESSMENTS BASED ON ASSESSED VALUE EXCEPT FOR SPECIAL DISTRICTS #14751 AND #14710, WHEN APPLICABLE.
- NO ON-SITE GRADING OR EXCAVATION SHALL OCCUR WITHOUT FIRST OBTAINING A PERMIT FROM THE CITY OF SURPRISE.
- HAPPY VALLEY ROAD WILL BECOME A 6 LANE MAJOR ARTERIAL AT SOME FUTURE POINT.
- SPRINKLERS ARE REQUIRED IN ALL ONE AND TWO FAMILY DWELLINGS BUILT IN AREAS WHICH DO NOT HAVE AN ADEQUATE WATER SUPPLY OF 2000 GPM @ 2 HOURS @ 20 PSI RESIDUAL.
- THIS FINAL PLAT IS IN SUBSTANTIAL CONFORMANCE WITH THE PRELIMINARY PLAT APPROVED BY THE CITY OF SURPRISE UNDER CASE FS15-069.
- A PORTION OF THE PROPERTY IS LOCATED WITHIN THE AREA HAVING FLOOD ZONES "x", "a" AND "ae", BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, ON FLOOD INSURANCE RATE MAPS NO. 04013C1210L AND NO. 04013C1230L, WITH A DATE OF IDENTIFICATION OF OCTOBER 16, 2013, FOR COMMUNITY NO. 040053, IN MARICOPA COUNTY, STATE OF ARIZONA, WHICH IS THE CURRENT FLOOD INSURANCE RATE MAP FOR THE COMMUNITY IN WHICH SAID PROPERTY IS SITUATED, AS MAY BE AMENDED FROM TIME TO TIME.
- THE MAINTENANCE OF LANDSCAPING WITHIN THE OPEN SPACES, LANDSCAPED TRACTS, RETENTION BASINS AND PARKS SHALL BE THE RESPONSIBILITY OF THE OWNER OR THE ASSOCIATION FORMED BY THE OWNER.
- THE MAINTENANCE OF THE LANDSCAPING WITHIN THE ADJACENT PUBLIC RIGHTS-OF-WAY, INCLUDING LANDSCAPE MEDIANS WITHIN COLLECTORS AND LOCAL STREETS AND LANDSCAPE AREAS BETWEEN THE CURB AND THE DETACHED SIDEWALK, SHALL BE THE RESPONSIBILITY OF THE ADJACENT PROPERTY OWNER OR THE PROPERTY ASSOCIATION FORMED BY THE ADJACENT PROPERTY
- DEVELOPMENT STANDARDS ARE PER CITY OF SURPRISE CASE FS10-210 OR AS SUBSEQUENTLY AMENDED.

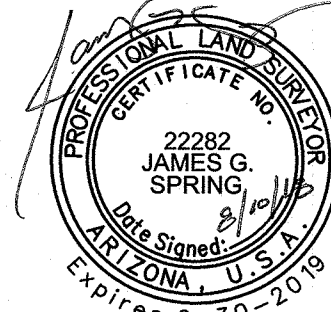
BASIS OF BEARING

THE WEST-EAST, MID-SECTION LINE OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, OF THE GILA AND SALT RIVER MERIDIAN WHICH BEARS S89°46'48"E A DISTANCE OF 5255.54' THIS POSITION WAS DERIVED FROM THE ESTABLISHED NOS POINTS DVO080 & AUB687 PROJECT THEN SCALED TO GROUND AT A COMBINED SCALE FACTOR OF 1.00013766895 AND VERIFIED AGAINST GDACS BOOK 834, PG 1. HORIZONTAL ERROR = (0.04') ANGLE ERROR = (0°00'01")

SURVEYOR'S CERTIFICATION

I, JAMES G. SPRING, PLS 22282, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR IN THE STATE OF ARIZONA; THAT THIS PLAT CONSISTING OF TEN SHEETS REPRESENTS A SURVEY PREPARED UNDER MY SUPERVISION DURING THE MONTH OF AUGUST, 2018; THAT THE SURVEY IS CORRECT AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE EXTERIOR BOUNDARY MONUMENTS ACTUALLY EXIST AS SHOWN AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

JAMES G. SPRING, PLS 22282
ATWELL, LLC
4700 EAST SOUTHERN AVENUE
MESA, ARIZONA 85206



NOTE:
A.R.S. § 32-151 STATES THAT THE USE OF THE WORD "CERTIFY" OR "CERTIFICATION" BY A PERSON OR FIRM THAT IS REGISTERED OR CERTIFIED BY THE BOARD IS AN EXPRESSION OF PROFESSIONAL OPINION REGARDING FACTS OR FINDINGS THAT ARE SUBJECT OF THE CERTIFICATION AND DOES NOT CONSTITUTE AN EXPRESS OR IMPLIED WARRANTY OR GUARANTEE.



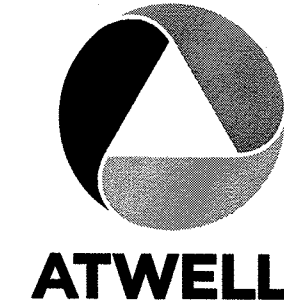
COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS:

REVISIONS:



PM. J. SPRING
DR. R. GILES
JOB NO. 09001944

N.T.S.

09001944.FP.A19.DWG

SHEET NO. 1 OF 10

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k:\09001944\dwg\survey\final plat\019\09001944.dwg Saved: 8/10/2018 5:16 AM Plotted: 8/10/2018 5:20 AM

LEGAL DESCRIPTION

A PORTION OF THE SOUTHEAST QUARTER OF SECTION 4 AND THE NORTHEAST QUARTER OF SECTION 9, TOWNSHIP 4 NORTH, RANGE 1 WEST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A FOUND 2" ALUMINUM CAP STAMPED MARICOPA COUNTY RLS 35832 2003, ACCEPTED AS THE WEST QUARTER CORNER OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, FROM WHICH A FOUND 3" BRASS CAP IN HANDHOLE STAMPED MARICOPA COUNTY DEPARTMENT OF TRANSPORTATION 36770, ACCEPTED AS THE EAST QUARTER CORNER OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, THEREOF BEARS S89°46'48"E A DISTANCE OF 5255.54'

THENCE, ALONG THE WEST-EAST MID-SECTION LINE OF SAID SECTION 4, S89°46'48"E A DISTANCE OF 3941.89 FEET;

THENCE LEAVING THE WEST-EAST MID-SECTION LINE OF SAID SECTION 4, S00°00'00"E A DISTANCE OF 40.00 FEET TO THE POINT OF BEGINNING;

THENCE, S89°46'48"E A DISTANCE OF 110.15 FEET;

THENCE, S44°46'48"E A DISTANCE OF 9.19 FEET;

THENCE, S89°46'48"E A DISTANCE OF 74.00 FEET;

THENCE, N45°13'12"E A DISTANCE OF 9.19 FEET;

THENCE, S89°46'48"E A DISTANCE OF 835.18 FEET;

THENCE, S00°20'02"W A DISTANCE OF 389.96 FEET;

THENCE, S03°48'26"W A DISTANCE OF 309.80 FEET;

THENCE, S22°35'30"E A DISTANCE OF 323.81 FEET;

THENCE, S17°53'24"E A DISTANCE OF 369.95 FEET;

THENCE, S00°17°03"E A DISTANCE OF 295.67 FEET;

THENCE, S27°17'41"W A DISTANCE OF 656.11 FEET;

THENCE, S06°09'55"E A DISTANCE OF 148.77 FEET;

THENCE, S13°42'47"E A DISTANCE OF 262.81 FEET;

THENCE, S71°32'55"W A DISTANCE OF 739.82 FEET TO THE BEGINNING OF A TANGENT CURVE CONCAVE TO THE LEFT;

THENCE, SOUTHWESTERLY ALONG SAID CURVE AN ARC LENGTH OF 383.41 FEET, WITH A RADIUS OF 1419.68 FEET AND A CENTRAL ANGLE OF 15°28'26";

THENCE, S56°04'29"W A DISTANCE OF 83.91 FEET;

THENCE, N50°39'01"W A DISTANCE OF 350.43 FEET TO THE BEGINNING OF A TANGENT CURVE CONCAVE TO THE LEFT;

THENCE, NORTHWESTERLY ALONG SAID CURVE AN ARC LENGTH OF 278.01 FEET, WITH A RADIUS OF 1468.00 FEET AND A CENTRAL ANGLE OF 10°51'02";

THENCE, N19°16'39"W A DISTANCE OF 1.37 FEET;

THENCE, N60°55'43"W A DISTANCE OF 89.79 FEET

THENCE, N68°50'58"E A DISTANCE OF 21.20 FEET TO THE BEGINNING OF A NON-TANGENT CURVE CONCAVE TO THE LEFT

THENCE, NORTHWESTERLY ALONG SAID CURVE AN ARC LENGTH OF 78.38 FEET, WITH A RADIUS OF 222.50 FEET AND THE RADIAL BEARING OF N70°03'28"W AND A CENTRAL ANGLE OF 20°10'59";

THENCE, N00°14'27"W A DISTANCE OF 54.50 FEET;

THENCE, N89°45'34"E A DISTANCE OF 63.00 FEET;

THENCE, N43°56'57"W A DISTANCE OF 11.57 FEET;

THENCE, N00°14'27"W A DISTANCE OF 39.36 FEET;

THENCE, N89°45'34"E A DISTANCE OF 380.00 FEET;

THENCE, N00°14'26"W A DISTANCE OF 142.00 FEET;

THENCE, N89°45'34"E A DISTANCE OF 211.00 FEET;

THENCE, N00°14'26"W A DISTANCE OF 760.00 FEET;

THENCE, S89°45'34"W A DISTANCE OF 85.00 FEET;

THENCE, N00°14'26"W A DISTANCE OF 211.00 FEET;

THENCE, S89°45'34"W A DISTANCE OF 104.98 FEET;

THENCE, N00°14'26"W A DISTANCE OF 24.77 FEET TO THE BEGINNING OF A NON-TANGENT CURVE CONCAVE TO THE LEFT

THENCE, NORTHEASTERLY ALONG SAID CURVE AN ARC LENGTH OF 98.96 FEET, WITH A RADIUS OF 63.00 FEET AND THE RADIAL BEARING OF N00°13'12"E AND A CENTRAL ANGLE OF 90°00'00";

THENCE, N00°13'12"E A DISTANCE OF 81.34 FEET;

THENCE, N45°13'12"E A DISTANCE OF 16.00 FEET;

THENCE, S89°46'48"E A DISTANCE OF 114.42 FEET;

THENCE, N00°14'26"W A DISTANCE OF 197.01 FEET;

THENCE, N45°29'15"W A DISTANCE OF 158.02 FEET;

THENCE, N89°46'48"W A DISTANCE OF 11.51 FEET;

THENCE, N00°13'12"E A DISTANCE OF 71.42 FEET;

THENCE, N89°45'34"E A DISTANCE OF 123.16 FEET;

THENCE, N00°14'26"W A DISTANCE OF 802.62 FEET TO THE POINT OF BEGINNING.

TRACT TABLE

PARCEL TABLE			
TRACT	AREA SQ FT	AREA ACRES	USAGE
TRACT 19A	185220	4.252	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, WATER & SEWER EASEMENT, WELL STORAGE TANK OVERFLOW EASEMENT, MULTI-USE TRAIL AND PUE
TRACT 19B	217828	5.001	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE
TRACT 19C	88181	2.024	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION, MULTI-USE TRAIL AND PUE
TRACT 19D	80877	1.857	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE
TRACT 19E	1764	0.040	OPEN SPACE, DRAINAGE AND PUE
TRACT 19F	5382	0.124	OPEN SPACE, DRAINAGE AND PUE
TRACT 19G	304998	7.002	MULTI-USE TRAIL, DRAINAGE, RECREATION, WATER & SEWER EASEMENT AND PUE
TRACT 19H	842453	19.340	404 WASH, DRAINAGE, WATER & SEWER EASEMENT AND PUE
TOTAL	1726703	39.640	

LEGEND

=====	SUBDIVISION BOUNDARY
=====	RIGHT OF WAY LINE
=====	EXISTING RIGHT OF WAY LINE
=====	CENTERLINE
-----	EXISTING EASEMENT LINE
-----	PROPOSED EASEMENT LINE
-----	SECTION LINE
-----	ALIQUOT SECTION LINE
▲	SUBDIVISION CORNER TO BE SET
○	FOUND MONUMENT AS NOTED
⊙	CENTERLINE MONUMENT (TO BE SET BY CITY OF SURPRISE STANDARDS)
①	30'x30' SIGHT VISIBILITY EASEMENT
②	40'x40' SIGHT VISIBILITY EASEMENT
VNAE	VEHICULAR NON-ACCESS EASEMENT
PUE	PUBLIC UTILITY EASEMENT
M.O.D.	MAP OF DEDICATION
R/W	RIGHT-OF-WAY
FBSL	FRONT BUILDING SETBACK LINE
D	DELTA
C1	CURVE TABLE NUMBER
L1	LINE TABLE NUMBER
Ⓡ	RADIAL BEARING
FP	FINAL PLAT

CITY OF SURPRISE CASE ZONING

DEVELOPMENT STANDARDS ARE PER CITY OF SURPRISE ZONING CASE FS10-210 OR AS SUBSEQUENTLY AMENDED.

SOUTH QUARTER CORNER OF SECTION 4, T.4N., R.1W.,
NORTH QUARTER CORNER OF SECTION 9, T.4N., R.1W.,
FOUND 2" ALUMINUM CAP STAMPED MARICOPA COUNTY
RLS 35832 2003

CENTER OF SECTION 9, T.4N., R.1W.,
FOUND 1/2" REBAR WITH CAP STAMPED
T. ROPE LS 21081

CENTER OF SECTION 4, T.4N., R.1W.,
FOUND 1/2" REBAR WITH TAG LS 12216
ACCEPTED AS POINT ON LINE

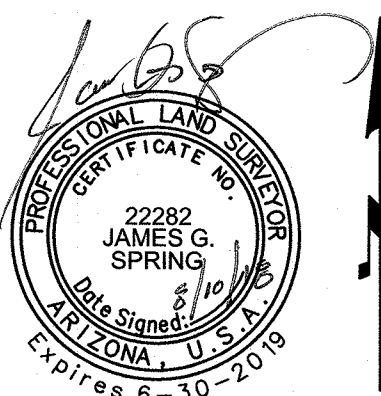
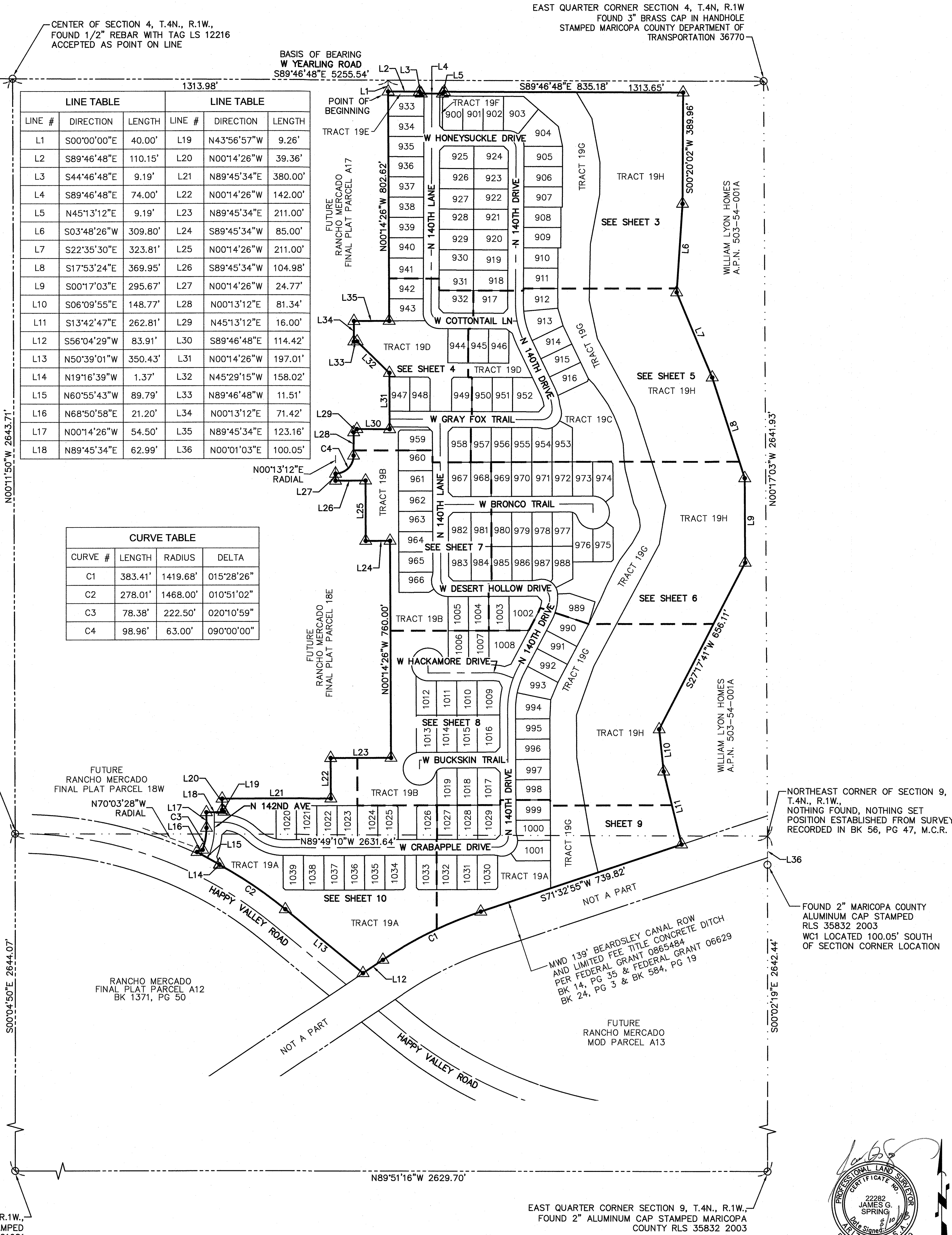
BASIS OF BEARING
W YEARLING ROAD
S89°46'48"E 5255.54'

EAST QUARTER CORNER SECTION 4, T.4N., R.1W
FOUND 3" BRASS CAP IN HANDHOLE
STAMPED MARICOPA COUNTY DEPARTMENT OF
TRANSPORTATION 36770

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L1	S00°00'00"E	40.00'	L19	N43°56'57"W	9.26'
L2	S89°46'48"E	110.15'	L20	N00°14'26"W	39.36'
L3	S44°46'48"E	9.19'	L21	N89°45'34"E	380.00'
L4	S89°46'48"E	74.00'	L22	N00°14'26"W	142.00'
L5	N45°13'12"E	9.19'	L23	N89°45'34"E	211.00'
L6	S03°48'26"W	309.80'	L24	S89°45'34"W	85.00'
L7	S22°35'30"E	323.81'	L25	N00°14'26"W	211.00'
L8	S17°53'24"E	369.95'	L26	S89°45'34"W	104.98'
L9	S00°17°03"E	295.67'	L27	N00°14'26"W	24.77'
L10	S06°09'55"E	148.77'	L28	N00°13'12"E	81.34'
L11	S13°42'47"E	262.81'	L29	N45°13'12"E	16.00'
L12	S56°04'29"W	83.91'	L30	S89°46'48"E	114.42'
L13	N50°39'01"W	350.43'	L31	N00°14'26"W	197.01'
L14	N19°16'39"W	1.37'	L32	N45°29'15"W	158.02'
L15	N60°55'43"W	89.79'	L33	N89°46'48"W	11.51'
L16	N68°50'58"E	21.20'	L34	N00°13'12"E	71.42'
L17	N00°14'26"W	54.50'	L35	N89°45'34"E	123.16'
L18	N89°45'34"E	62.99'	L36	N00°01'03"E	100.05'

CURVE TABLE

CURVE #	LENGTH	RADIUS	DELTA
C1	383.41'	1419.68'	015°28'26"
C2	278.01'	1468.00'	010°51'02"
C3	78.38'	222.50'	020°10'59"
C4	98.96'	63.00'	090°00'00"



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480.216.6651

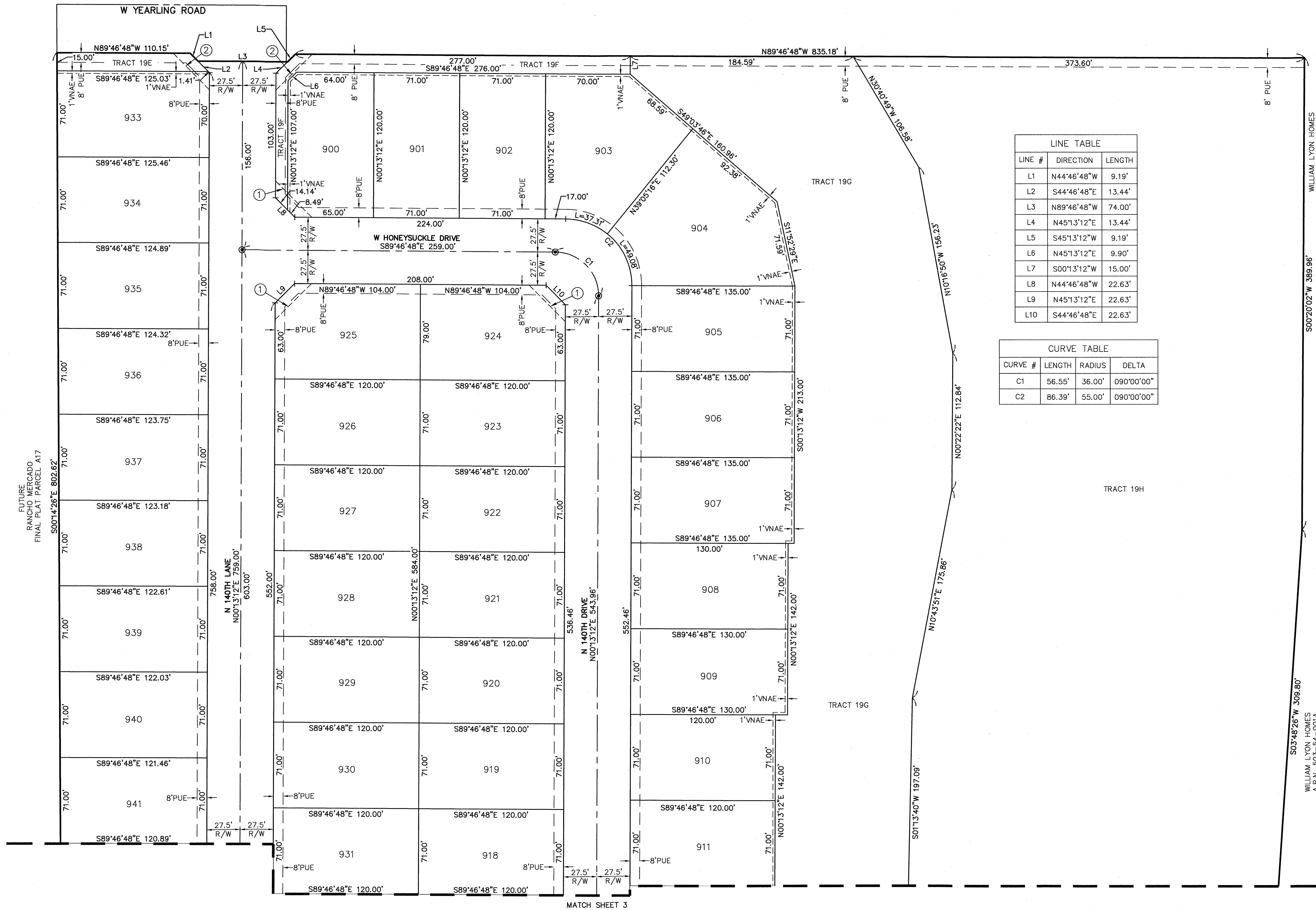
COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS:

ATWELL
PM. J. SPRING
DR. R. GILES
JOB NO. 09001944
SCALE 0 100 200
1" = 200 FEET
09001944 FP A19.DWG
SHEET NO. 2 OF 10



LINE TABLE		
LINE #	DIRECTION	LENGTH
L1	N44°46'48"W	9.19'
L2	S44°46'48"E	13.44'
L3	N89°46'48"W	74.00'
L4	N45°13'12"E	13.44'
L5	S45°13'12"W	9.19'
L6	N45°13'12"E	9.90'
L7	S00°13'12"W	15.00'
L8	N44°46'48"W	22.63'
L9	N45°13'12"E	22.63'
L10	S44°46'48"E	22.63'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C1	56.55'	36.00'	090°00'00"
C2	86.39'	55.00'	090°00'00"

LOT TABLE\WIDTH BASED ON FBSL				LOT TABLE\WIDTH BASED ON FBSL				LOT TABLE\WIDTH BASED ON FBSL				LOT TABLE\WIDTH BASED ON FBSL			
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
900	8477	0.195	71.0'	909	9230	0.212	71.0'	924	9352	0.215	71.0'	934	8887	0.204	71.0'
901	8520	0.196	71.0'	910	8520	0.196	71.0'	925	9352	0.215	71.0'	935	8847	0.203	71.0'
902	8520	0.196	71.0'	911	8520	0.196	71.0'	926	8520	0.196	71.0'	936	8806	0.202	71.0'
903	11386	0.261	62.5'	918	8520	0.196	71.0'	927	8520	0.196	71.0'	937	8766	0.201	71.0'
904	13023	0.299	59.8'	919	8520	0.196	71.0'	928	8520	0.196	71.0'	938	8725	0.200	71.0'
905	9585	0.220	71.0'	920	8520	0.196	71.0'	929	8520	0.196	71.0'	939	8685	0.199	71.0'
906	9585	0.220	71.0'	921	8520	0.196	71.0'	930	8520	0.196	71.0'	940	8644	0.198	71.0'
907	9585	0.220	71.0'	922	8520	0.196	71.0'	931	8520	0.196	71.0'	941	8604	0.198	71.0'
908	9230	0.212	71.0'	923	8520	0.196	71.0'	933	8927	0.205	71.0'				

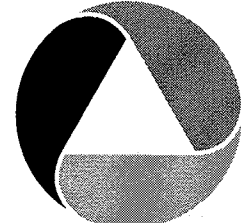


COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS:



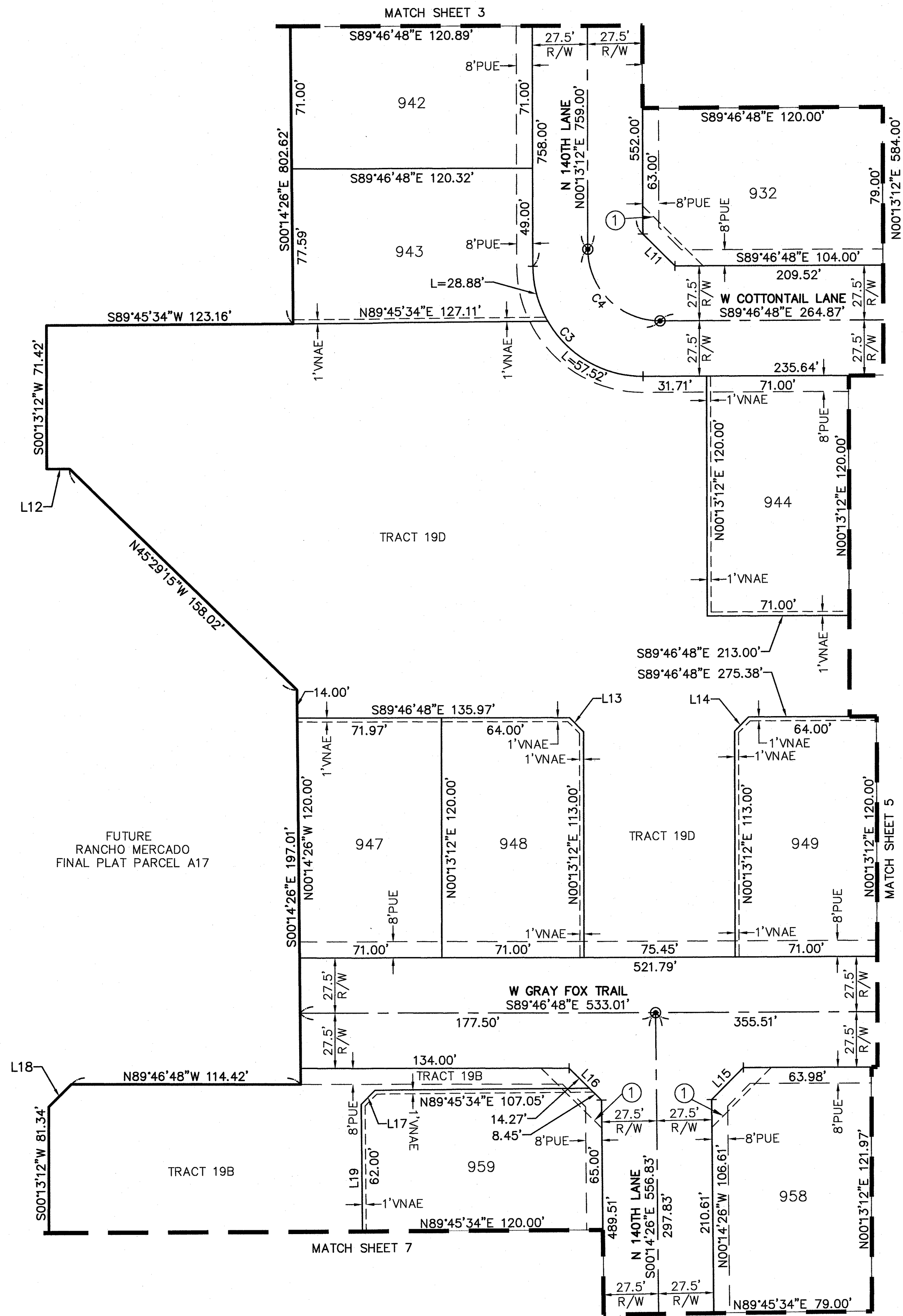
PM. J. SPRING
DR. R. GILES
JOB NO. 09001944

SCALE 0 20 50
1" = 40 FEET

09001944.FP.A19.DWG

SHEET NO.

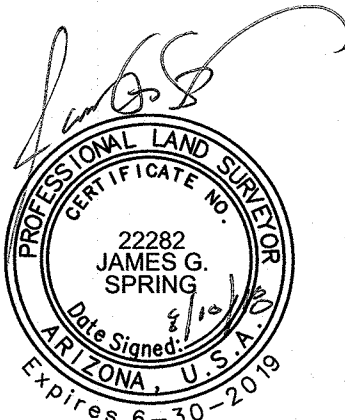
3 OF 10



LOT TABLE\WIDTH BASED ON FBSL			
LOT	AREA SQ. FT.	AREA ACRES	WIDTH
932	9352	0.215	75.0'
942	8563	0.197	71.0'
943	9320	0.214	76.7'
944	8520	0.196	71.0'
947	8578	0.197	71.0'
948	8496	0.195	71.0'
949	8495	0.195	71.0'
958	9593	0.220	75.9'
959	8478	0.195	71.0'

LINE TABLE		
LINE #	DIRECTION	LENGTH
L11	N44°46'48"W	22.63'
L12	S89°46'48"E	11.51'
L13	S44°46'48"E	9.90'
L14	N45°13'12"E	9.90'
L15	N44°59'23"E	22.54'
L16	S45°00'37"E	22.72'
L17	N44°45'34"E	9.90'
L18	S45°13'12"W	16.00'
L19	N00°14'26"W	561.00'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C3	86.39'	55.00'	090°00'00"
C4	56.55'	36.00'	090°00'00"

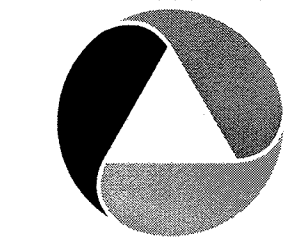


COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS:

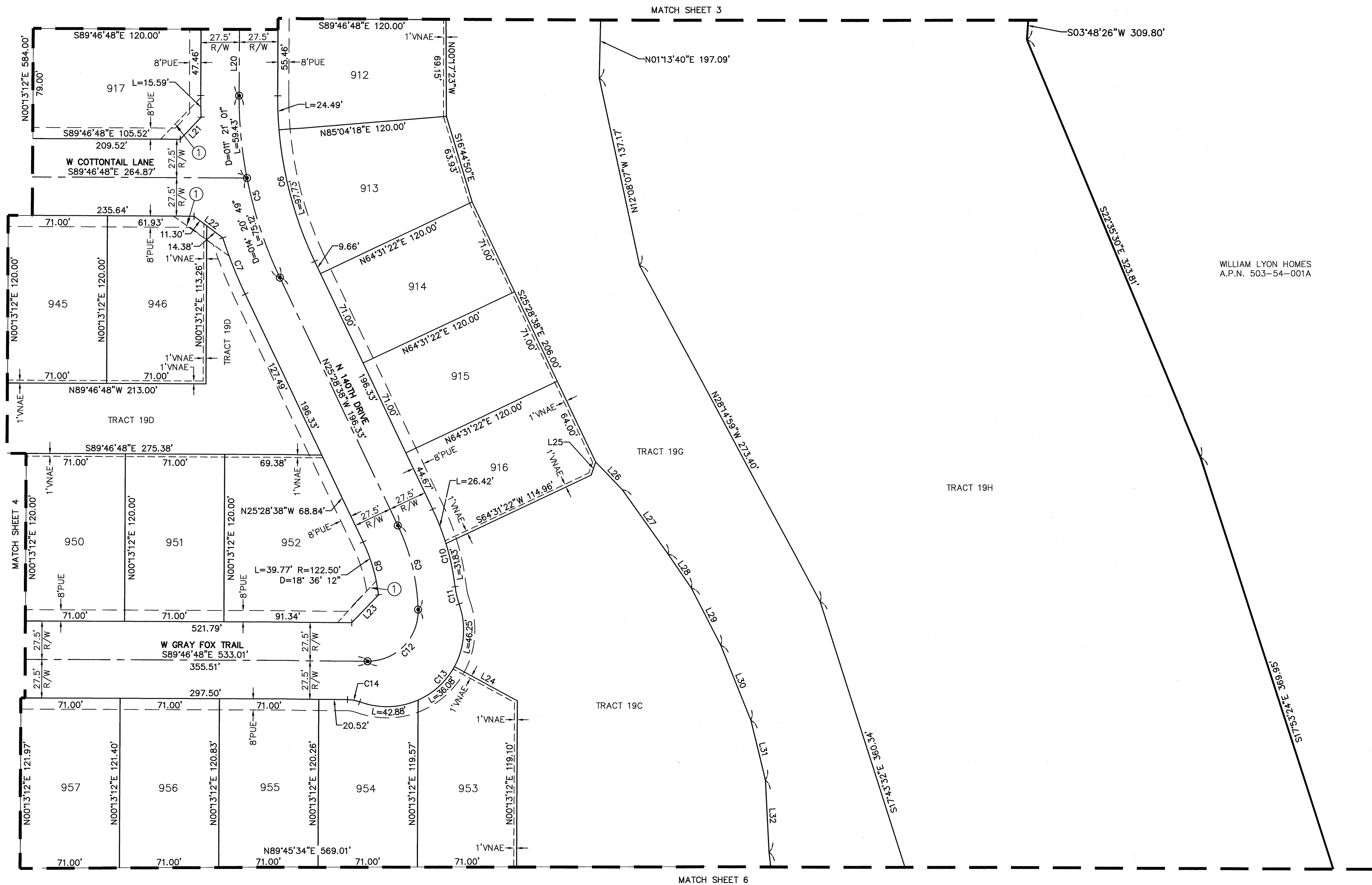


PM. J. SPRING
DR. R. GILES
JOB NO.
09001944

SCALE 0 20 40
1" = 40 FEET

09001944.FP.A19.DWG

SHEET NO.
4 OF 10

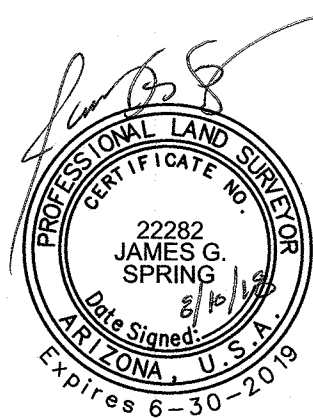


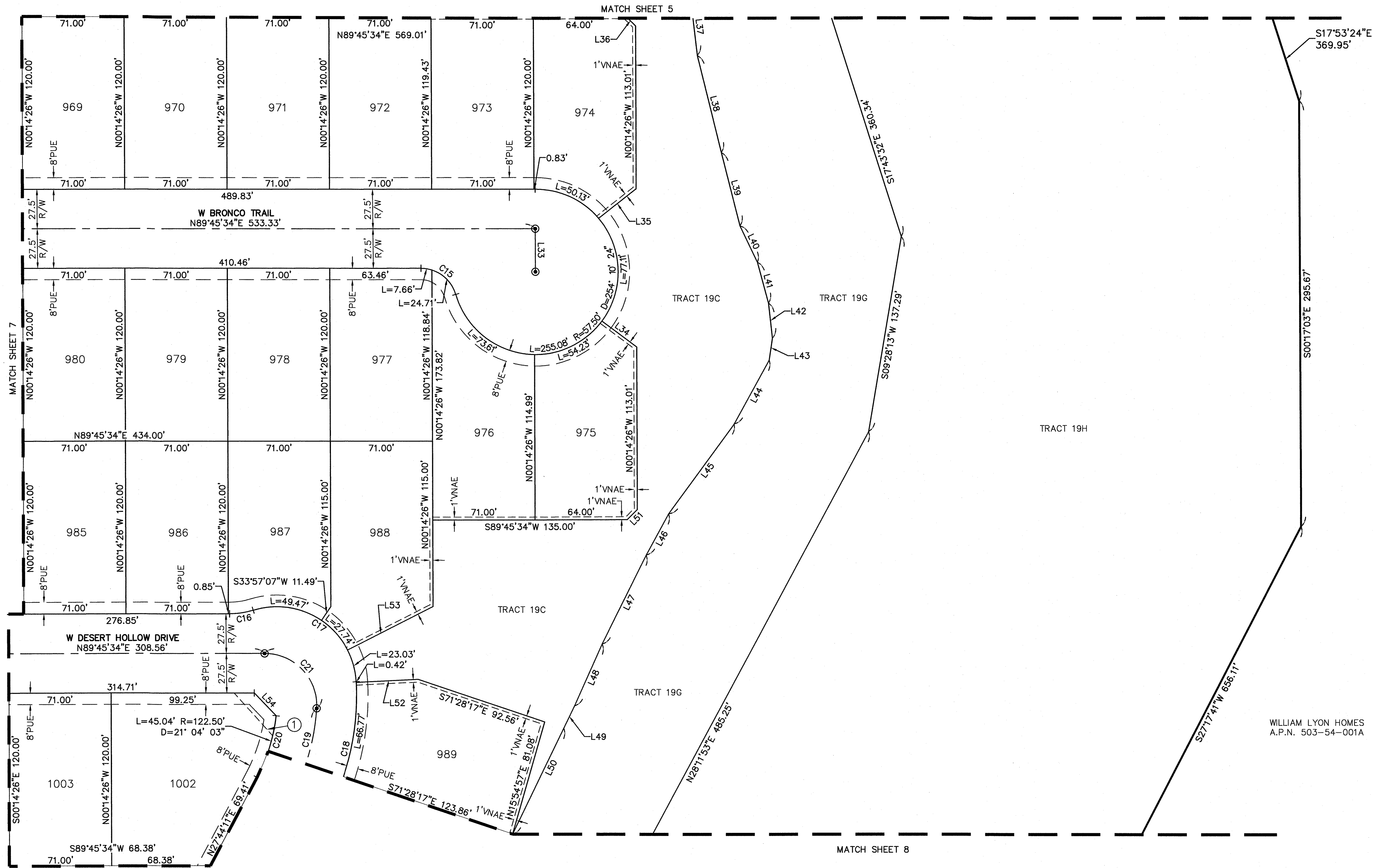
WILLIAM LYON HOMES
A.P.N. 503-54-001A

LOT TABLE\WIDTH BASED ON FBSL				
LOT	AREA SQ FT	AREA ACRES	WIDTH	
912	8965	0.206	78.9'	
913	10440	0.240	103.1'	
914	8520	0.196	71.0'	
915	8520	0.196	71.0'	
916	8513	0.195	71.1'	
917	9369	0.215	76.3'	
945	8520	0.196	71.0'	
946	8489	0.195	71.0'	
950	8520	0.196	71.0'	
951	8520	0.196	71.0'	
952	11269	0.259	102.8'	
953	9261	0.213	71.0'	
954	8363	0.192	72.0'	
955	8559	0.196	71.0'	
956	8599	0.197	71.0'	
957	8640	0.198	71.0'	

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L20	N00°13'12"E	543.96'	L27	N35°18'21"W	56.76'
L21	S43°09'24"W	21.80'	L28	N34°18'27"W	29.45'
L22	S53°08'28"E	25.68'	L29	N27°13'57"W	45.92'
L23	S43°52'35"W	27.61'	L30	N21°56'44"W	57.92'
L24	S61°40'20"E	51.16'	L31	N13°34'57"W	44.23'
L25	S19°31'22"W	9.90'	L32	N02°55'56"W	51.48'
L26	N43°58'12"W	27.42'			

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C5	134.55'	300.00'	025°41'50"
C6	122.22'	272.50'	025°41'50"
C7	43.30'	327.50'	007°34'32"
C8	39.77'	122.50'	018°36'13"
C9	62.47'	150.00'	023°51'45"
C10	58.26'	177.50'	018°48'20"
C11	12.65'	55.00'	013°10'42"
C12	57.70'	36.00'	091°50'05"
C13	125.21'	55.00'	130°26'03"
C14	8.89'	25.00'	020°21'51"





LOT TABLE\WIDTH BASED ON FBLS				LOT TABLE\WIDTH BASED ON FBLS			
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
969	8520	0.196	71.0'	979	8520	0.196	71.0'
970	8520	0.196	71.0'	980	8520	0.196	71.0'
971	8520	0.196	71.0'	985	8520	0.196	71.0'
972	8520	0.196	71.0'	986	8520	0.196	71.0'
973	8520	0.196	71.0'	987	8376	0.192	71.0'
974	9039	0.208	71.0'	988	9355	0.215	71.0'
975	8798	0.202	71.0'	989	10029	0.230	71.3'
976	9650	0.222	71.0'	1002	11557	0.265	110.6'
977	8517	0.196	71.0'	1003	8520	0.196	71.0'
978	8520	0.196	71.0'				

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L33	S00°14'26"E	30.00'	L44	S28°44'47"W	50.47'
L34	S53°26'58"E	30.12'	L45	S36°03'06"W	77.46'
L35	S51°40'39"W	33.23'	L46	S28°23'32"W	32.61'
L36	N45°14'26"W	9.90'	L47	S26°23'37"W	68.87'
L37	N06°42'47"W	38.17'	L48	S23°53'13"W	47.23'
L38	S13°54'53"E	69.42'	L49	S25°44'21"W	17.23'
L39	S14°21'28"E	52.60'	L50	S25°44'21"W	81.65'
L40	S25°33'20"E	28.06'	L51	S44°45'33"W	9.90'
L41	S15°11'21"E	29.38'	L52	N86°59'19"E	43.02'
L42	S06°16'32"E	24.54'	L53	S62°51'00"W	66.53'
L43	S08°13'14"W	15.31'	L54	S43°39'29"E	21.99'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C15	32.36'	25.00'	074°10'24"
C16	16.65'	55.00'	017°20'29"
C17	100.24'	55.00'	104°25'20"
C18	95.72'	177.50'	030°53'47"
C19	63.68'	150.00'	024°19'31"
C20	45.04'	122.50'	021°04'04"
C21	58.84'	36.00'	093°39'07"



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COUNTY: MARICOPA

SECTION: 4 & 9

TOWNSHIP: 4 NORTH

RANGE: 1 WEST

FINAL PLAT

RANCHO MERCADO

PARCEL A19

CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS:

ATWELL

PM. J. SPRING

DR. R. GILES

JOB NO. 09001944

SCALE 0 20 40
1" = 40 FEET

09001944.FP.A19.DWG

SHEET NO. 6 OF 10

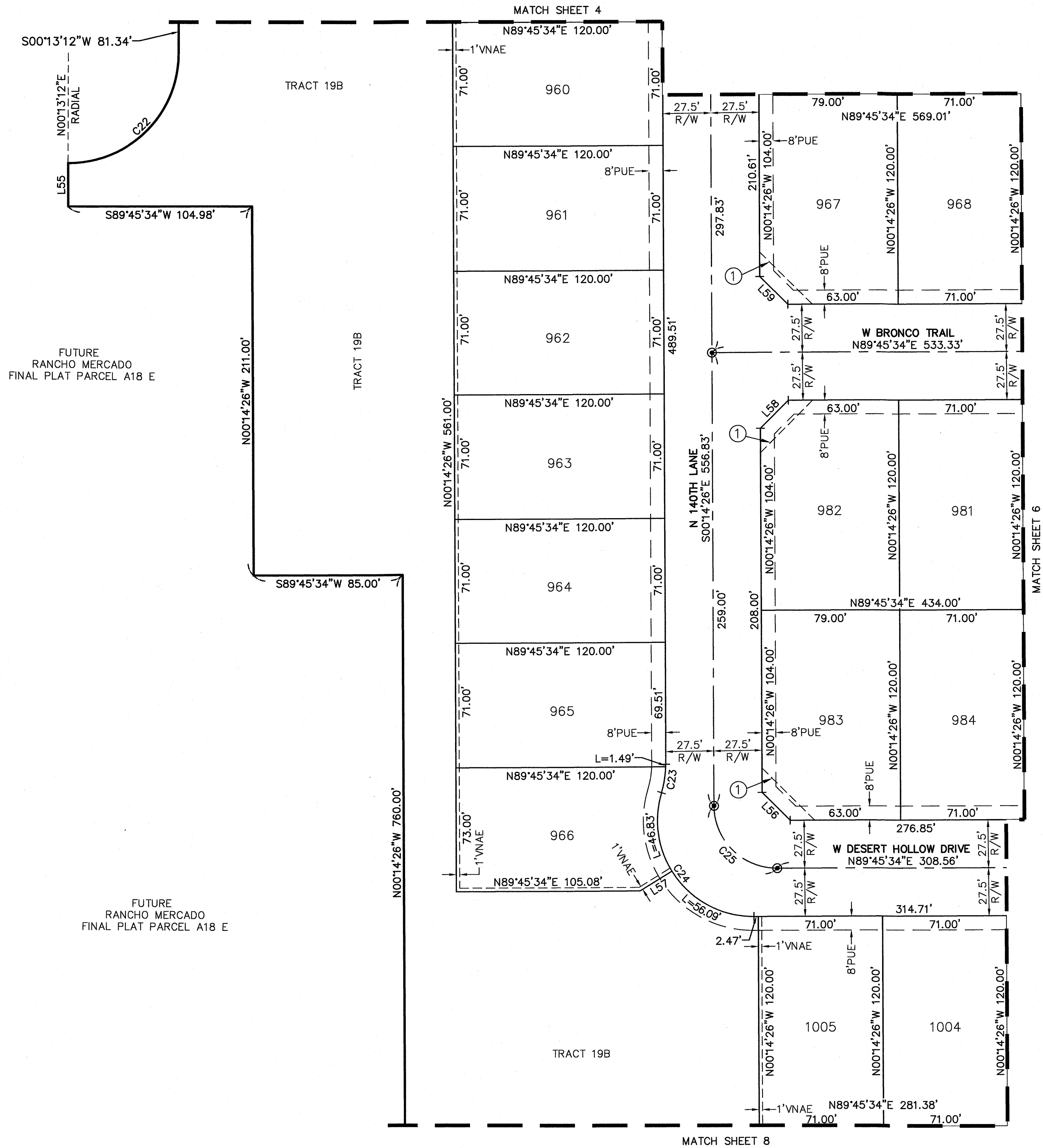
22282

JAMES G. SPRING

REGISTERED PROFESSIONAL LAND SURVEYOR

STATE OF ARIZONA

EXPIRES 6-30-2019

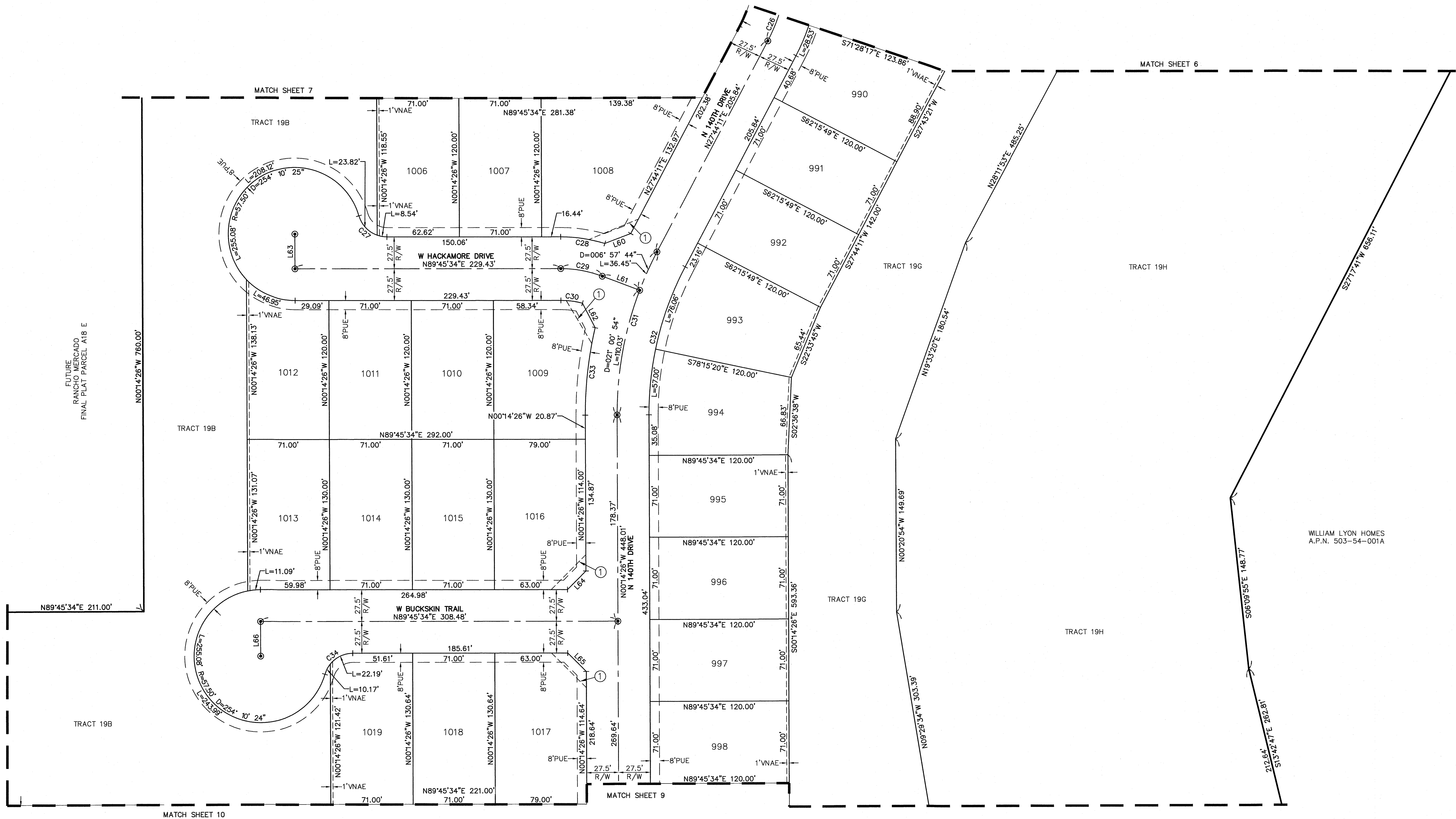


LOT TABLE\WIDTH BASED ON FBLS				
LOT	AREA	SQ FT	AREA ACRES	WIDTH
960	8520		0.196	71.0'
961	8520		0.196	71.0'
962	8520		0.196	71.0'
963	8520		0.196	71.0'
964	8520		0.196	71.0'
965	8520		0.196	71.0'
966	8308		0.191	69.2'
967	9352		0.215	75.0'
968	8520		0.196	71.0'
981	8520		0.196	71.0'
982	9352		0.215	75.0'
983	9352		0.215	75.0'
984	8520		0.196	71.0'
1004	8520		0.196	71.0'
1005	8520		0.196	71.0'

LINE TABLE		
LINE #	DIRECTION	LENGTH
L55	N00°14'26"W	24.77'
L56	N45°14'26"W	22.63'
L57	N58°11'12"E	21.29'
L58	N44°45'34"E	22.63'
L59	N45°14'26"W	22.63'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C22	98.96'	63.00'	090°00'00"
C23	16.52'	55.00'	017°12'35"
C24	102.91'	55.00'	107°12'35"
C25	56.55'	36.00'	090°00'00"

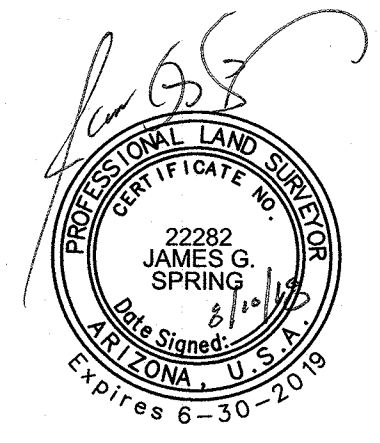




LOT TABLE\WIDTH BASED ON FBSL				LOT TABLE\WIDTH BASED ON FBSL			
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
990	9522	0.219	69.2'	1009	9752	0.224	81.8'
991	8520	0.196	71.0'	1010	8520	0.196	71.0'
992	8520	0.196	71.0'	1011	8520	0.196	71.0'
993	10007	0.230	99.2'	1012	8755	0.201	71.0'
994	9620	0.221	82.1'	1013	9234	0.212	71.0'
995	8520	0.196	71.0'	1014	9230	0.212	71.0'
996	8520	0.196	71.0'	1015	9230	0.212	71.0'
997	8520	0.196	71.0'	1016	10142	0.233	75.0'
998	8520	0.196	71.0'	1017	10192	0.234	75.0'
1006	8516	0.196	71.0'	1018	9275	0.213	71.0'
1007	8520	0.196	71.0'	1019	9221	0.212	71.0'
1008	13012	0.299	82.0'				

LINE TABLE		
LINE #	DIRECTION	LENGTH
L60	S69°14'35"W	23.96'
L61	S69°13'32"E	34.55'
L62	S27°16'37"E	23.87'
L63	N00°14'26"W	30.00'
L64	S44°45'34"W	22.63'
L65	S45°14'26"E	22.63'
L66	S00°14'26"E	30.00'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C26	63.68'	150.00'	024°19'31"
C27	32.36'	25.00'	074°10'24"
C28	38.70'	127.50'	017°23'35"
C29	36.68'	100.00'	021°00'54"
C30	18.82'	72.50'	014°52'35"
C31	146.49'	300.00'	027°58'38"
C32	133.06'	272.50'	027°58'38"
C33	76.11'	327.50'	013°18'58"
C34	32.36'	25.00'	074°10'23"

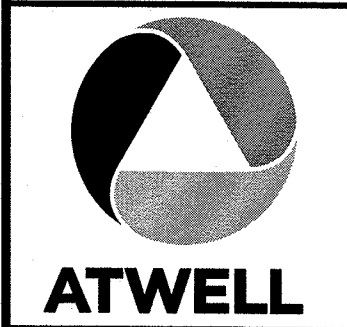


COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

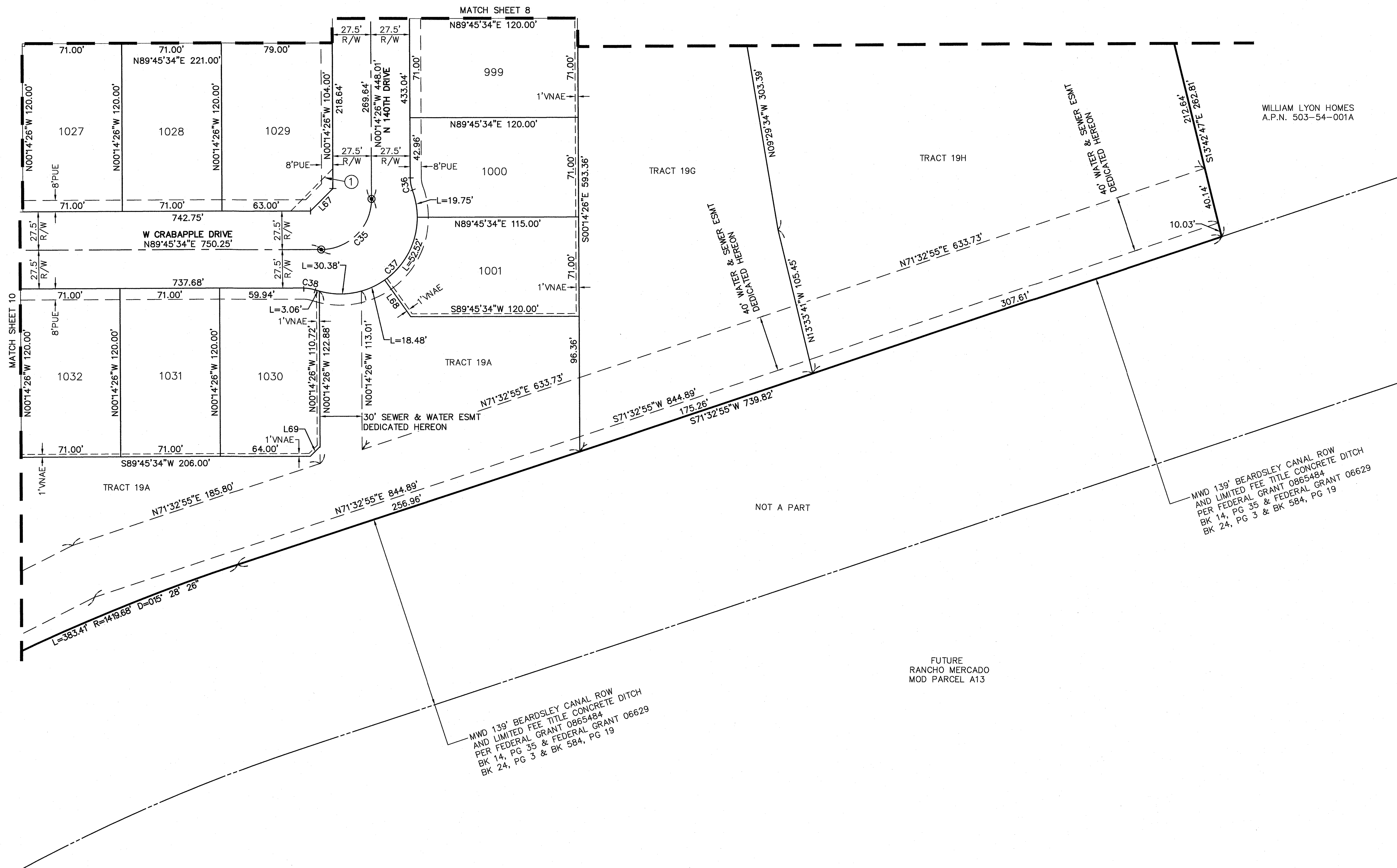
REVISIONS:



PM. J. SPRING
DR. R. GILES
JOB NO. 09001944

SCALE 0 20 50
1" = 40 FEET

09001944 FP A19.DWG



LOT TABLE\WIDTH BASED ON FBSL			
LOT	AREA SQ FT	AREA ACRES	WIDTH
999	8520	0.196	71.0'
1000	8440	0.194	71.0'
1001	8851	0.203	71.0'
1027	8520	0.196	71.0'
1028	8520	0.196	71.0'
1029	9352	0.215	75.0'
1030	8486	0.195	71.0'
1031	8520	0.196	71.0'
1032	8520	0.196	71.0'

LINE TABLE		
LINE #	DIRECTION	LENGTH
L67	S44°45'34"W	22.63'
L68	N35°19'02"W	32.01'
L69	S44°45'34"W	9.90'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C35	56.55'	36.00'	090°00'00"
C36	8.89'	25.00'	020°21'51"
C37	124.19'	55.00'	129°22'33"
C38	8.30'	25.00'	019°00'42"

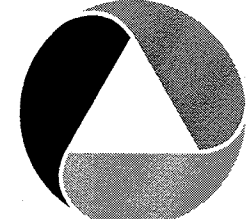


COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS:

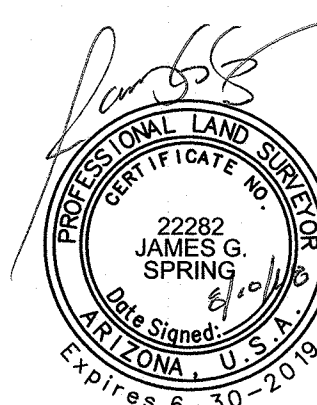


PM. J. SPRING
DR. R. GILES
JOB NO. 09001944

SCALE 0 20 40
1" = 40 FEET

09001944 FP A19.DWG

SHEET NO. 9 OF 10



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LOT TABLE\WIDTH BASED ON FBSL				LOT TABLE\WIDTH BASED ON FBSL			
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
1020	8473	0.195	71.0'	1033	8495	0.195	71.0'
1021	8520	0.196	71.0'	1034	8495	0.195	71.0'
1022	8520	0.196	71.0'	1035	8520	0.196	71.0'
1023	8520	0.196	71.0'	1036	8520	0.196	71.0'
1024	8520	0.196	71.0'	1037	8520	0.196	71.0'
1025	8495	0.195	71.0'	1038	8520	0.196	71.0'
1026	8495	0.195	71.0'	1039	8496	0.195	71.0'

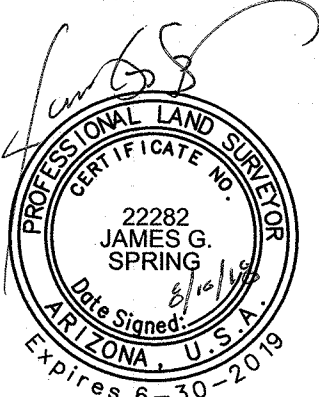
LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L70	N44°45'34"E	9.90'	L80	S19°16'39"E	1.37'
L71	S45°14'26"E	9.90'	L81	N48°16'12"E	22.56'
L72	N44°45'34"E	9.90'	L82	N00°14'27"W	54.50'
L73	S00°14'26"E	39.36'	L83	N89°45'34"E	27.50'
L74	N43°56'57"W	11.57'	L84	N43°56'57"W	11.57'
L75	S89°45'34"W	62.99'	L85	N45°14'26"W	9.90'
L76	S00°14'26"E	54.50'	L86	S39°20'59"W	40.21'
L77	N68°50'58"E	21.20'	L87	S39°20'59"W	31.76'
L78	S60°55'43"E	89.79'	L88	S44°45'34"W	9.90'
L79	S26°38'52"W	61.71'	L89	N45°14'26"W	9.90'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C34	97.23'	122.50'	045°28'39"
C35	119.06'	150.00'	045°28'39"
C36	140.89'	177.50'	045°28'39"
C37	81.34'	122.50'	038°02'40"
C38	119.06'	150.00'	045°28'39"
C39	124.88'	177.50'	040°18'40"
C40	78.38'	222.50'	020°10'59"
C41	957.15'	1400.00'	039°10'19"
C42	80.05'	277.50'	016°31'38"
C43	108.87'	250.00'	024°57'07"

RANCHO MERCADO
FINAL PLAT
PARCEL A12
BK 1371, PG 50

WMD 139' BEARDSLEY CANAL ROW
AND LIMITED FEE TITLE CONCRETE
PER FEDERAL GRANT 0665484
BK 14, PG 55 & FEDERAL GRANT 06629
BK 24, PG 3 & BK 584, PG 19

FUTURE
RANCHO MERCADO
MOD PARCEL A13

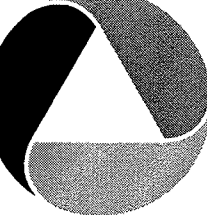


COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS:



PM. J. SPRING
DR. R. GILES
JOB NO.
09001944

SCALE 0 20 50
1" = 40 FEET

09001944 FP A19.DWG

SHEET NO.
10 OF 10



Rancho Mercado

FS17-546 Parcel A17 Final Plat
FS18-093 Parcel A19 Final Plat

City Council
November 6, 2018

Vicinity Map



FS17-546 Parcel A17 Final Plat
FS18-093 Parcel A19 Final Plat

Subject Site

Case Map

North

1 Mile

A PORTION OF THE SOUTH HALF OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, OF THE GLA AND SALT RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A FOUND 2ND MARICOPA COUNTY ALUMINUM CAP STAMPED RLS 35352; ACCEPTED AS THE WEST QUARTER CORNER OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, FROM WHICH A FOUND 3RD MARICOPA COUNTY ALUMINUM CAP STAMPED RLS 35352, ACCEPTED AS THE EAST QUARTER CORNER OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, THEREOF BEARS S89°46'48"E A DISTANCE OF 5255.54'

THENCE, ALONG THE WEST-EAST-MID-SECTION LINE OF SAID SECTION 4, S89°46'48"E A DISTANCE OF 3072.82 FEET;

DEVELOPMENT STANDARDS ARE PER CITY OF SURPRISE
ZONING CASE FS10-210 OR AS SUBSEQUENTLY AMENDED.



- # LINE TABLE

CURVE TABLE

CURVE #	LENGTH	RADIUS	DEG
C1	98.96'	63.00'	090°
C2	14.23'	47.00'	017°
C3	75.85'	63.00'	068°
C4	32.72'	63.00'	029°

PROPERTY TABLE			
TRACT	AREA SQ FT	AREA ACRES	USAGE
TRACT 17A	73174	1.680	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE
TRACT 17B	9324	0.214	OPEN SPACE, DRAINAGE AND PUE
TRACT 17C	31028	0.712	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE
TRACT 17D	23488	0.539	OPEN SPACE, DRAINAGE, RECREATION AND PUE
TRACT 17E	25672	0.589	OPEN SPACE, DRAINAGE, RECREATION AND PUE
TRACT 17F	9890	0.226	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE
TOTAL	172354	3.961	



REVISIONS:



PM.	J. SPRING
DR.	R. GILES

JOB NO.
09001944

SCALE 0 50
1" = 100 FEET

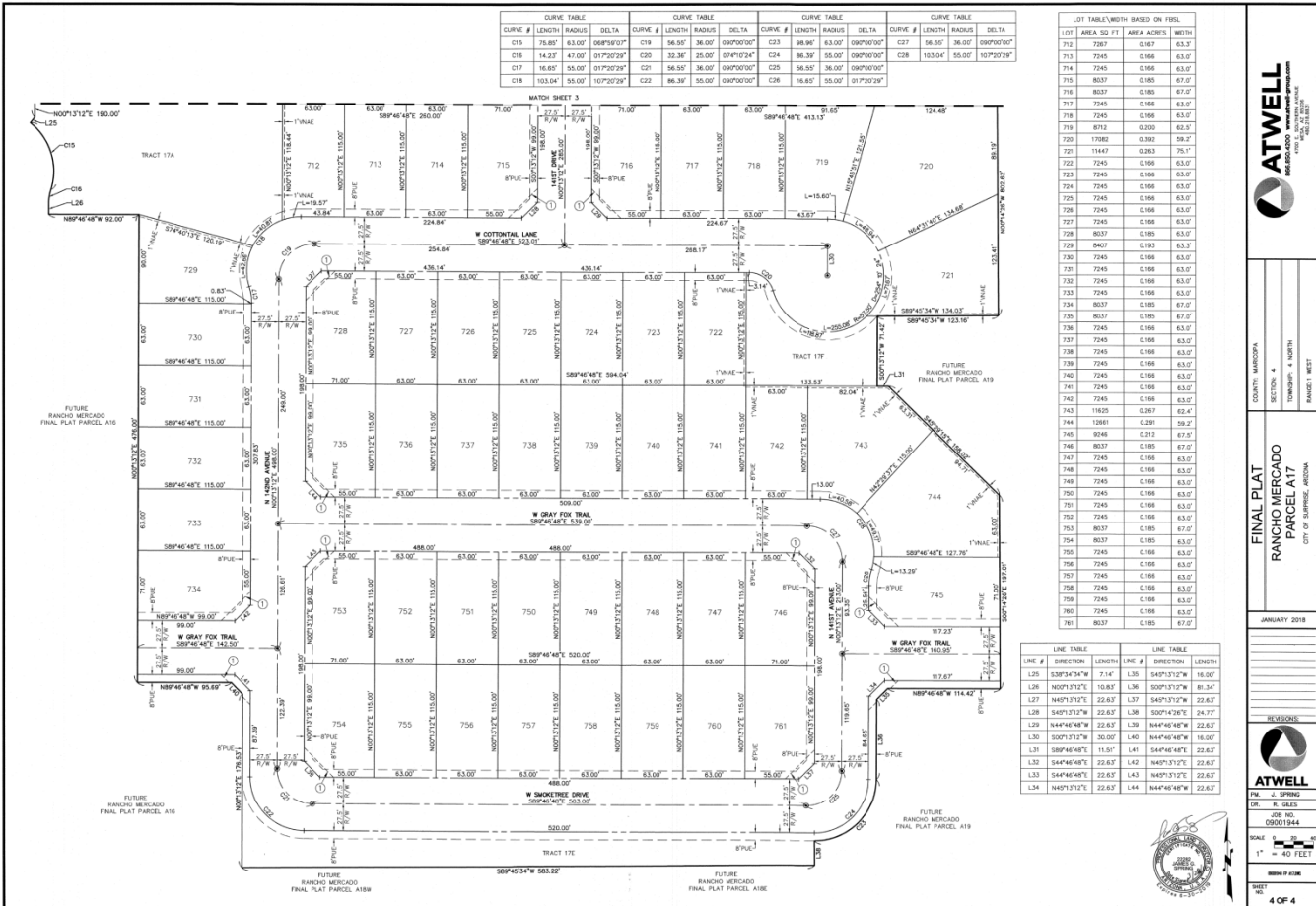
(INFORMA TP 6/2/200)

SHEET NO. 2 OF 4

LOT TABLET BASED BASED ON FSL				LOT TABLET BASED BASED ON FSL				LOT TABLET BASED BASED ON FSL			
LOT	AREA SQ FT	AREA ACRES	MORTH	LOT	AREA SQ FT	AREA ACRES	MORTH	LOT	AREA SQ FT	AREA ACRES	MORTH
614	7530	0.173	63.0	867	8037	0.185	67.7	704	7474	0.170	63.0
735	7350	0.170	63.0	888	8037	0.185	67.7	746	7446	0.171	63.0
746	7446	0.171	63.0	899	8166	0.188	68.2	755	7555	0.173	63.0
8037	8036	0.189	66.2	800	7245	0.166	63.2	703	7034	0.161	69.0
8166	8157	0.186	59.4	745	7445	0.169	63.2	754	7536	0.172	62.6
8245	8245	0.186	63.2	704	7045	0.166	63.2	756	7566	0.173	62.6
8307	8307	0.185	67.0	705	7045	0.166	63.2	757	7566	0.173	62.6
8452	8452	0.196	63.0	706	7045	0.166	63.2	758	7566	0.173	62.6
8536	8536	0.196	63.0	707	7045	0.166	63.2	759	7566	0.173	62.6
8603	8603	0.185	67.0	708	7045	0.166	63.2	760	7566	0.173	62.6
8682	8682	0.195	63.0	709	7045	0.166	63.2	761	7566	0.173	62.6
8782	8782	0.196	63.0	710	7045	0.166	63.2	762	7566	0.173	62.6
8807	8807	0.185	67.0	711	7045	0.166	63.2	763	7566	0.173	62.6
8875	8875	0.195	63.0	712	7045	0.166	63.2	764	7566	0.173	62.6
8944	8944	0.196	63.0	713	7045	0.166	63.2	765	7566	0.173	62.6
9037	9037	0.205	63.0	714	7045	0.166	63.2	766	7566	0.173	62.6
9166	9166	0.209	63.0	715	7045	0.166	63.2	767	7566	0.173	62.6
9245	9245	0.196	63.0	716	7045	0.166	63.2	768	7566	0.173	62.6
9307	9307	0.205	63.0	717	7045	0.166	63.2	769	7566	0.173	62.6
9452	9452	0.209	63.0	718	7045	0.166	63.2	770	7566	0.173	62.6
9536	9536	0.218	63.0	719	7045	0.166	63.2	771	7566	0.173	62.6
9603	9603	0.205	63.0	720	7045	0.166	63.2	772	7566	0.173	62.6
9682	9682	0.218	63.0	721	7045	0.166	63.2	773	7566	0.173	62.6
9782	9782	0.219	63.0	722	7045	0.166	63.2	774	7566	0.173	62.6
9807	9807	0.205	63.0	723	7045	0.166	63.2	775	7566	0.173	62.6
9875	9875	0.218	63.0	724	7045	0.166	63.2	776	7566	0.173	62.6
9944	9944	0.219	63.0	725	7045	0.166	63.2	777	7566	0.173	62.6
10037	10037	0.228	63.0	726	7045	0.166	63.2	778	7566	0.173	62.6
10166	10166	0.232	63.0	727	7045	0.166	63.2	779	7566	0.173	62.6
10245	10245	0.232	63.0	728	7045	0.166	63.2	780	7566	0.173	62.6
10307	10307	0.241	63.0	729	7045	0.1					

FS17-546 Parcel A17 Final Plat

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CURVE TABLE				CURVE TABLE				CURVE TABLE				CURVE TABLE				CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA	CURVE #	LENGTH	RADIUS	DELTA	CURVE #	LENGTH	RADIUS	DELTA	CURVE #	LENGTH	RADIUS	DELTA	CURVE #	LENGTH	RADIUS	DELTA
C15	75.85'	63.00'	88°59'00"	C19	56.55'	36.00'	88°59'00"	C23	98.94'	63.00'	88°59'00"	C27	56.55'	36.00'	88°59'00"	C31	103.04'	55.00'	107°20'29"
C16	14.25'	47.00'	91°20'29"	C20	32.34'	25.00'	91°40'24"	C24	86.39'	55.00'	88°59'00"	C28	103.04'	55.00'	107°20'29"	C32	16.85'	25.00'	91°20'29"
C17	16.85'	55.00'	91°20'29"	C21	56.55'	36.00'	88°59'00"	C25	56.55'	36.00'	88°59'00"	C29	103.04'	55.00'	107°20'29"	C33	16.85'	25.00'	91°20'29"
C18	103.04'	55.00'	107°20'29"	C22	86.39'	55.00'	88°59'00"	C26	16.85'	25.00'	91°20'29"	C30	103.04'	55.00'	107°20'29"	C34	16.85'	25.00'	91°20'29"

LOT TABLE (WIDTH BASED ON FUEL)			
LOT #	AREA SQ FT	AREA ACRES	WIDTH
702	7987	0.187	63.3'
713	7245	0.166	63.0'
714	7245	0.166	63.0'
715	8037	0.185	67.0'
716	8037	0.185	67.0'
717	7245	0.166	63.0'
718	7245	0.166	63.0'
719	8712	0.200	62.3'
720	17982	0.350	98.7'
721	11447	0.263	75.1'
722	7245	0.166	63.0'
723	7245	0.166	63.0'
724	7245	0.166	63.0'
725	7245	0.166	63.0'
726	7245	0.166	63.0'
727	7245	0.166	63.0'
728	8037	0.185	63.0'
729	8407	0.193	63.3'
730	7245	0.166	63.0'
731	7245	0.166	63.0'
732	7245	0.166	63.0'
733	7245	0.166	63.0'
734	8037	0.185	67.0'
735	8037	0.185	67.0'
736	7245	0.166	63.0'
737	7245	0.166	63.0'
738	7245	0.166	63.0'
739	7245	0.166	63.0'
740	7245	0.166	63.0'
741	7245	0.166	63.0'
742	7245	0.166	63.0'
743	11925	0.267	82.4'
744	15801	0.361	98.2'
745	9246	0.212	87.3'
746	8037	0.185	67.0'
747	7245	0.166	63.0'
748	7245	0.166	63.0'
749	7245	0.166	63.0'
750	7245	0.166	63.0'
751	7245	0.166	63.0'
752	7245	0.166	63.0'
753	8037	0.185	67.0'
754	8037	0.185	67.0'
755	7245	0.166	63.0'
756	7245	0.166	63.0'
757	7245	0.166	63.0'
758	7245	0.166	63.0'
759	7245	0.166	63.0'
760	7245	0.166	63.0'
761	8037	0.185	67.0'

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L25	S38°34'34"W	7.14'	L35	S45°13'12"W	16.00'
L26	N00°13'12"E	10.83'	L36	S00°13'12"W	81.34'
L27	N45°13'12"E	22.63'	L37	S45°13'12"W	22.63'
L28	S45°13'12"W	22.63'	L38	S00°14'26"E	24.77'
L29	N44°40'48"W	22.63'	L39	N44°40'48"W	22.63'
L30	S00°13'12"W	30.00'	L40	N44°40'48"W	16.00'
L31	S89°40'48"E	11.51'	L41	S44°40'48"E	22.63'
L32	S44°40'48"E	22.63'	L42	N45°13'12"E	22.63'
L33	S44°40'48"E	22.63'	L43	N45°13'12"E	22.63'
L34	N45°13'12"E	22.63'	L44	N44°40'48"W	22.63'



COUNTY: MARICOPA
SECTION: 4
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A17
CITY OF SURPRISE, ARIZONA

JANUARY 2018

REVISIONS:



PM: J. SPRING
DR: R. GILES

JOB NO:
09001944

SCALE: 1" = 40' FEET

SHOW IF CLOSE

SHEET
4 OF 4



FS18-096 Parcel A19 Final Plat

LEGAL DESCRIPTION

A PORTION OF THE SOUTHEAST QUARTER OF SECTION 4 AND THE NORTHEAST QUARTER OF SECTION 9, TOWNSHIP 4 NORTH, RANGE 1 WEST, OF THE DELTA AND SALT RIVER BASIN AND MORGAN MARQUADO COUNTY, ARIZONA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCEMENT AT A FOUND 2" ALUMINUM CAP STAMPED MARQUADO COUNTY RLS 30623 2003, ACQUIRED AS THE WEST QUARTER CORNER OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, FROM THE PUBLIC BUREAU OF LAND MANAGEMENT, STAMPED MARQUADO COUNTY DEPARTMENT OF TRANSPORTATION 30770, ACQUIRED AS THE EAST QUARTER CORNER OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, THEREOF BEARS 58°46'48"E A DISTANCE OF 5055.54'

THENCE, ALONG THE WEST-EAST MID-SECTION LINE OF SAID SECTION 4, 58°46'48"E A DISTANCE OF 384.18 FEET;

THENCE LEAVING THE WEST-EAST MID-SECTION LINE OF SAID SECTION 4, 90°00'00" A DISTANCE OF 45.00 FEET TO THE POINT OF BEGINNING;

THENCE, 58°46'48"E A DISTANCE OF 110.15 FEET;

THENCE, 58°46'48"E A DISTANCE OF 8.19 FEET;

THENCE, 58°46'48"E A DISTANCE OF 74.00 FEET;

THENCE, 58°46'48"E A DISTANCE OF 9.16 FEET;

THENCE, 58°46'48"E A DISTANCE OF 835.18 FEET;

THENCE, 50°02'02"W A DISTANCE OF 388.86 FEET;

THENCE, 50°48'28"W A DISTANCE OF 308.80 FEET;

THENCE, 50°22'05"E A DISTANCE OF 50.61 FEET;

THENCE, 51°53'24"E A DISTANCE OF 369.85 FEET;

THENCE, 50°07'02"E A DISTANCE OF 250.67 FEET;

THENCE, 52°17'41"W A DISTANCE OF 656.11 FEET;

THENCE, 50°07'02"E A DISTANCE OF 148.77 FEET;

THENCE, 51°34'47"E A DISTANCE OF 262.81 FEET;

THENCE, 51°12'50"W A DISTANCE OF 728.62 FEET TO THE BEGINNING OF A TANGENT CURVE CONCAVE TO THE LEFT;

THENCE, SOUTHWESTERLY ALONG SAID CURVE AN ARC LENGTH OF 385.1 FEET, WITH A RADIUS OF 1768.6 FEET AND A CENTRAL ANGLE OF 10°20'25";

THENCE, 58°05'20"W A DISTANCE OF 83.61 FEET;

THENCE, 50°05'20"W A DISTANCE OF 350.43 FEET TO THE BEGINNING OF A TANGENT CURVE CONCAVE TO THE LEFT;

THENCE, NORTHWESTERLY ALONG SAID CURVE AN ARC LENGTH OF 278.01 FEET, WITH A RADIUS OF 1488.0 FEET AND A CENTRAL ANGLE OF 10°01'02";

THENCE, 58°46'48"E A DISTANCE OF 89.79 FEET;

THENCE, 58°46'48"E A DISTANCE OF 63.00 FEET;

THENCE, 58°46'48"E A DISTANCE OF 11.07 FEET;

THENCE, 58°46'48"E A DISTANCE OF 38.36 FEET;

THENCE, 58°46'48"E A DISTANCE OF 380.00 FEET;

THENCE, 58°46'48"E A DISTANCE OF 144.00 FEET;

THENCE, 58°46'48"E A DISTANCE OF 211.00 FEET;

THENCE, 58°46'48"E A DISTANCE OF 760.00 FEET;

THENCE, 58°46'48"E A DISTANCE OF 85.00 FEET;

THENCE, 58°46'48"E A DISTANCE OF 211.00 FEET;

THENCE, 58°46'48"E A DISTANCE OF 104.08 FEET;

THENCE, 58°46'48"E A DISTANCE OF 24.77 FEET TO THE BEGINNING OF A NON-TANGENT CURVE CONCAVE TO THE LEFT;

THENCE, NORTHWESTERLY ALONG SAID CURVE AN ARC LENGTH OF 48.96 FEET, WITH A RADIUS OF 45.00 FEET AND THE RADIAL BEARING OF N70°02'57"W AND A CENTRAL ANGLE OF 90°00'00";

THENCE, 58°46'48"E A DISTANCE OF 81.34 FEET;

THENCE, 58°46'48"E A DISTANCE OF 16.00 FEET;

THENCE, 58°46'48"E A DISTANCE OF 114.43 FEET;

THENCE, 58°46'48"E A DISTANCE OF 197.01 FEET;

THENCE, 58°46'48"E A DISTANCE OF 158.02 FEET;

THENCE, 58°46'48"E A DISTANCE OF 11.51 FEET;

THENCE, 58°46'48"E A DISTANCE OF 71.42 FEET;

THENCE, 58°46'48"E A DISTANCE OF 123.16 FEET;

THENCE, 58°46'48"E A DISTANCE OF 802.62 FEET TO THE POINT OF BEGINNING.

TRACT TABLE

TRACT	AREA SQ FT	AREA ACRES	USAGE
TRACT 180	16029	4.252	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, WATER & SEWER EASEMENT, WELL, STORAGE, TRAIL, OUTFLOW EASEMENT, MULTI-USE TRAIL AND PUE
TRACT 181	27128	6.222	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE
TRACT 182	8859	2.024	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION, MULTI-USE TRAIL AND PUE
TRACT 183	88677	1.807	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE
TRACT 184	1764	0.040	OPEN SPACE, DRAINAGE AND PUE
TRACT 185	5382	0.124	OPEN SPACE, DRAINAGE AND PUE
TRACT 186	20488	7.002	MULTI-USE TRAIL, DRAINAGE, RECREATION, WATER & SEWER EASEMENT AND PUE
TRACT 189	842453	19.340	604 WASH, DRAINAGE, WATER & SEWER EASEMENT AND PUE
TOTAL	1728703	39.640	

LEGEND

- SUBDIVISION BOUNDARY
- RIGHT OF WAY LINE
- EXISTING RIGHT OF WAY LINE
- CENTERLINE
- EXISTING EASEMENT LINE
- PROPOSED EASEMENT LINE
- SECTION LINE
- ALIGNED SECTION LINE
- SUBDIVISION CORNER TO BE SET
- FOUND MONUMENT AS NOTED
- CENTERLINE MONUMENT (TO BE SET BY CITY OF SURPRISE STANDARDS)
- 30°/30° SHORT VISIBILITY EASEMENT
- 40°/40° SHORT VISIBILITY EASEMENT
- VEHICULAR NON-ACCESS EASEMENT
- PUBLIC UTILITY EASEMENT
- M.O.D.
- MAP OF DEDICATION
- R/W
- RIGHT-OF-WAY
- FRONT BUILDING SETBACK LINE
- D
- CURVE TABLE NUMBER
- U
- LINE TABLE NUMBER
- RADIAL BEARING
- FINAL PLAT

CITY OF SURPRISE CENSUS ZONING

DEVELOPMENT STANDARDS ARE PER CITY OF SURPRISE ZONING CASE FS10-210 OR AS SUBSEQUENTLY AMENDED.



COUNTY: MARQUADO
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS



PL: 0 SPRING
OR: R. GLETS
R. GLETS
09001944

SCALE: 1" = 200 FEET
SHEET NO. 18
SHEET TOTAL 20



FS18-096 Parcel A19 Final Plat



COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS



PL: J. SPRING
DR: R. GILES
JOB NO:
09001944

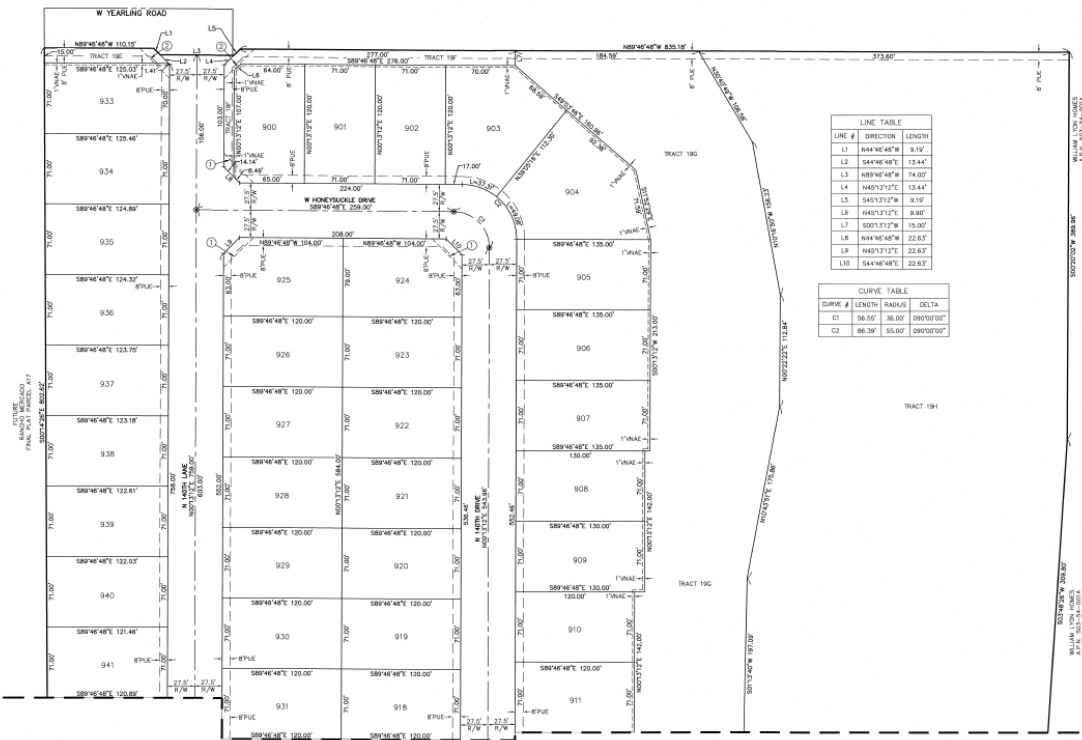
SCALE
1" = 40 FEET

SHEET
3 OF 10



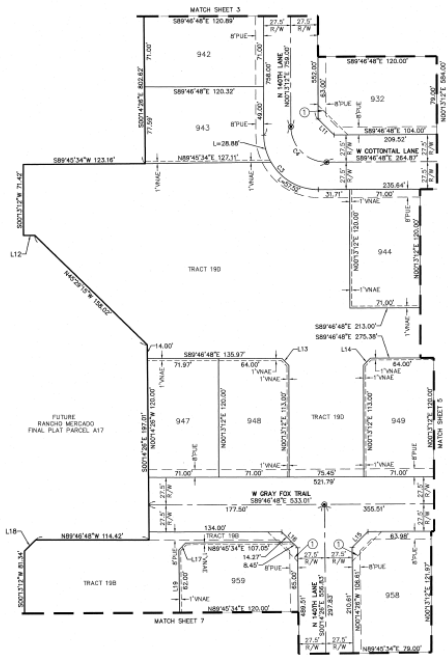
LINE #	DIRECTION	LENGTH
L1	S44°46'48"W	9.19'
L2	S44°46'48"W	12.44'
L3	N89°46'48"W	74.00'
L4	N48°13'12"E	13.44'
L5	S48°13'12"E	9.19'
L6	N48°13'12"E	9.80'
L7	S00°13'12"W	15.00'
L8	N44°46'48"W	22.63'
L9	N48°13'12"E	22.63'
L10	S44°46'48"W	22.63'

CURVE #	LENGTH	RADIUS	DELTA
C1	58.50'	36.00'	99°10'00"
C2	86.39'	55.00'	99°10'00"



LOT TABLE/WIDTH BASED ON FBBL				LOT TABLE/WIDTH BASED ON FBBL				LOT TABLE/WIDTH BASED ON FBBL				LOT TABLE/WIDTH BASED ON FBBL			
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
900	8477	0.195	71.0'	908	9230	0.212	71.0'	904	9352	0.215	71.0'	904	8987	0.204	71.0'
901	8520	0.196	71.0'	909	8520	0.196	71.0'	905	8847	0.203	71.0'	905	8847	0.203	71.0'
902	8520	0.196	71.0'	910	8520	0.196	71.0'	906	8847	0.203	71.0'	906	8847	0.203	71.0'
903	11386	0.261	63.0'	911	8520	0.196	71.0'	907	8520	0.196	71.0'	907	8768	0.200	71.0'
904	13023	0.299	58.0'	912	8520	0.196	71.0'	908	8520	0.196	71.0'	908	8725	0.200	71.0'
905	9585	0.220	71.0'	913	8520	0.196	71.0'	909	8520	0.196	71.0'	909	8680	0.199	71.0'
906	9585	0.220	71.0'	914	8520	0.196	71.0'	910	8520	0.196	71.0'	910	8644	0.198	71.0'
907	9585	0.220	71.0'	915	8520	0.196	71.0'	911	8520	0.196	71.0'	911	8604	0.198	71.0'
908	9230	0.212	71.0'	916	8520	0.196	71.0'	912	8520	0.196	71.0'				

FS18-096 Parcel A19 Final Plat



LOT TABLE (WIDTH BASED ON FWSL)			
LOT	AREA SQ. FT.	AREA ACRES	WIDTH
942	8563	0.215	75.0'
943	8563	0.215	75.0'
944	8563	0.215	75.0'
945	8563	0.215	75.0'
946	8563	0.215	75.0'
947	8563	0.215	75.0'
948	8563	0.215	75.0'
949	8563	0.215	75.0'
950	8563	0.215	75.0'
951	8563	0.215	75.0'

LINE TABLE		
LINE #	DIRECTION	LENGTH
L11	N44°40'48"W	22.63'
L12	S89°46'48"E	11.51'
L13	S44°46'48"E	9.90'
L14	N45°13'12"E	9.90'
L15	N44°59'23"E	22.54'
L16	S45°00'37"E	22.72'
L17	N44°40'34"E	9.90'
L18	S45°13'12"W	16.50'
L19	N45°14'28"W	380.00'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C3	86.38'	55.00'	99°10'10"
C4	58.55'	36.00'	99°10'10"



COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS



FW: J. SPRING

DR: M. GILES

JOB NO. 09001944

SCALE: 1" = 40 FEET

DATE: 8/1/2018

BY: J. SPRING

4 OF 10



COUNTY: MARICOPA

SECTION 4 & 9

RANGE: 1 WEST

FRANCE-1 WEST

FINAL PLAT

RANCHO MERCADO

CITY OF SURPRISE, ARIZONA

CITY OF SUPERIOR, ARIZONA

AUGUST 2018



ATWELL	
PM.	J. SPRING
DR.	R. GILES

SCALE 0 20 40
1" = 40 FEET

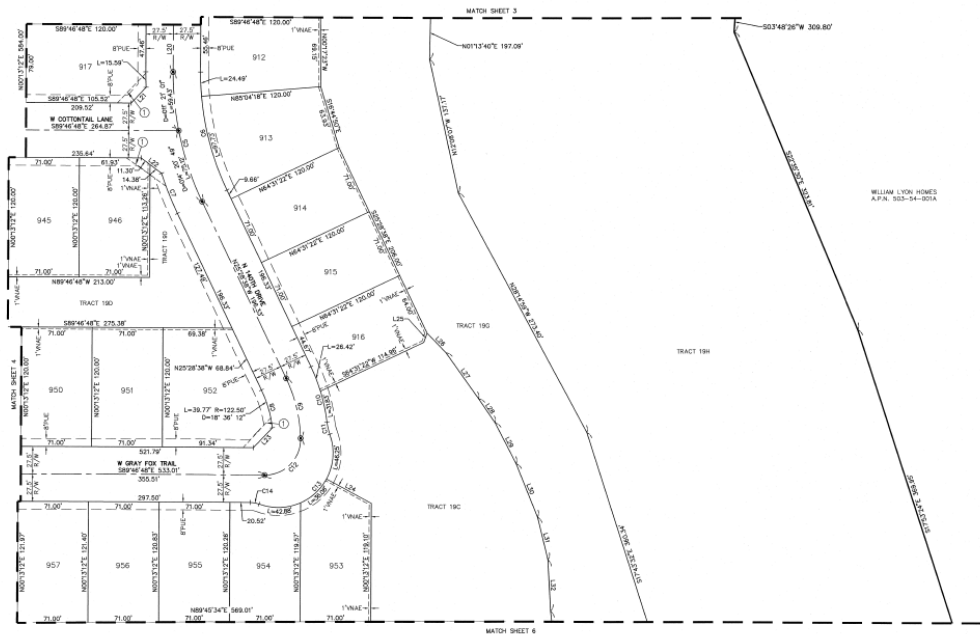
WHICH IT ASKED

5 OF 10

LOT TABLE WIDTH BASED ON FBSL			
LOT	AREA SQ FT	ACRES	WIDTH
912	8965	0.206	78.9'
913	10440	0.240	103.1'
914	8520	0.196	71.0'
915	8520	0.196	71.0'
916	8513	0.195	71.1'
917	9369	0.215	76.5'
945	8520	0.196	71.0'
946	8489	0.195	71.0'
950	8520	0.196	71.0'
951	8520	0.196	71.0'
952	11269	0.259	102.8'
953	9281	0.213	71.0'
954	8363	0.192	72.0'
955	8509	0.196	71.0'
956	8599	0.197	71.0'
957	8640	0.198	71.0'

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L20	N069°32'E	543.96'	L27	N35°18'21"W	56.76'
L21	S43°09'24"W	21.80'	L28	N34°18'27"W	29.45'
L22	S53°08'28"E	25.68'	L29	N27°33'57"W	45.92'
L23	S43°35'35"W	27.61'	L30	N21°56'44"W	57.92'
L24	S81°40'20"E	51.16'	L31	N13°34'33"W	44.23'
L25	S19°31'22"W	9.90'	L32	N02°50'56"W	51.48'
L26	S43°58'12"W	27.42'			

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C5	134.55'	300.00'	025°41'50"
C6	122.22'	272.50'	025°41'50"
C7	43.30'	127.50'	007°34'52"
C8	38.77'	122.50'	018°36'35"
C9	62.47'	150.00'	023°51'45"
C10	58.26'	177.50'	018°48'23"
C11	12.66'	55.00'	013°07'42"
C12	57.70'	36.00'	081°50'05"
C13	125.21'	55.00'	130°28'03"
C14	8.89'	25.00'	020°21'54"



WILLIAM LYON HOMES
A.P.N. 503-54-D05A

98.69% 3.01.52413

FS18-096 Parcel A19 Final Plat



COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

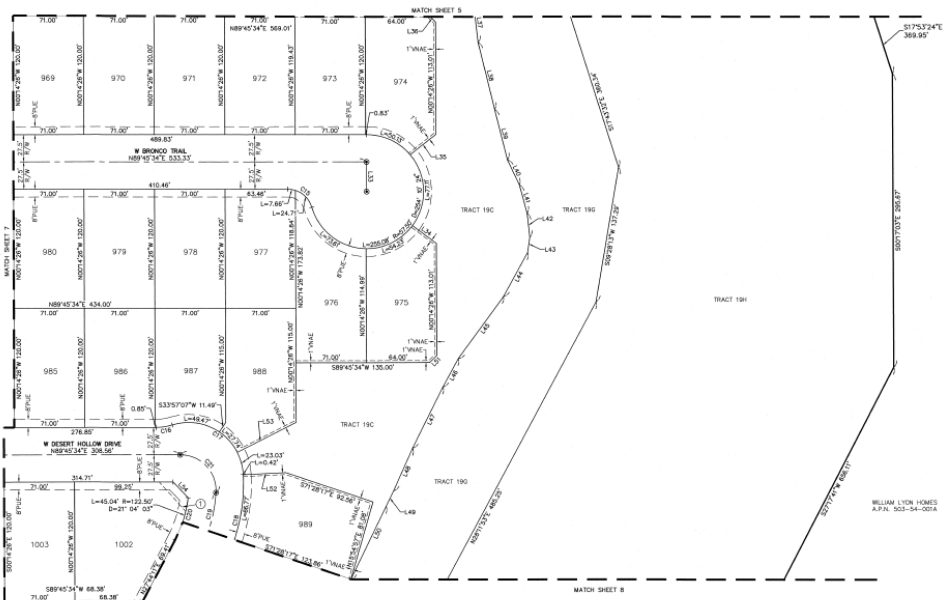
REVISIONS



PLN: J. SPRING
DR: K. GILES
JOB NO:
09001944

SCALE: 1" = 40 FEET

SHEET
6 OF 10



LOT TABLE BASED ON FBSL				LOT TABLE BASED ON FBSL			
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
969	8020	0.186	71.07	979	8020	0.186	71.07
970	8020	0.186	71.07	980	8020	0.186	71.07
971	8020	0.186	71.07	981	8020	0.186	71.07
972	8020	0.186	71.07	982	8020	0.186	71.07
973	8020	0.186	71.07	983	8020	0.186	71.07
974	8020	0.186	71.07	984	8020	0.186	71.07
975	8020	0.186	71.07	985	8020	0.186	71.07
976	8020	0.186	71.07	986	8020	0.186	71.07
977	8020	0.186	71.07	987	8020	0.186	71.07
978	8020	0.186	71.07	988	8020	0.186	71.07

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L31	S00°14'28"E	35.00'	L44	S02°14'47"W	50.47'
L34	S83°38'58"E	30.12'	L45	S03°13'04"W	77.48'
L35	S51°16'59"W	33.23'	L46	S28°23'32"W	32.61'
L36	N45°14'28"E	8.80'	L47	S28°23'32"W	68.67'
L37	N00°42'47"W	38.17'	L48	S23°31'15"W	47.23'
L38	S13°34'51"E	89.42'	L49	S02°14'21"W	17.23'
L39	S14°21'28"E	53.80'	L50	S22°14'27"W	81.40'
L40	S25°33'20"E	28.06'	L51	S44°45'35"W	9.90'
L41	S15°11'21"E	29.38'	L52	N88°59'18"E	43.02'
L42	S00°16'32"E	24.54'	L53	S62°51'02"W	66.53'
L43	S08°13'14"W	15.31'	L54	S47°39'29"E	31.99'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C15	32.36'	25.00'	64°14'24"
C16	18.67'	55.00'	61°17'30"
C17	100.34'	55.00'	104°25'20"
C18	85.72'	177.50'	63°03'47"
C19	63.68'	156.00'	55°41'31"
C20	40.04'	123.50'	101°14'34"
C21	58.84'	36.00'	59°13'03"

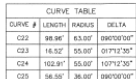


CITY OF SURPRISE, ARIZONA

REVISIONS



SHEET
NO. 7 OF 10



FS18-096 Parcel A19 Final Plat



COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 6 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF JUANES, ARIZONA

AUGUST 2018

REVISIONS



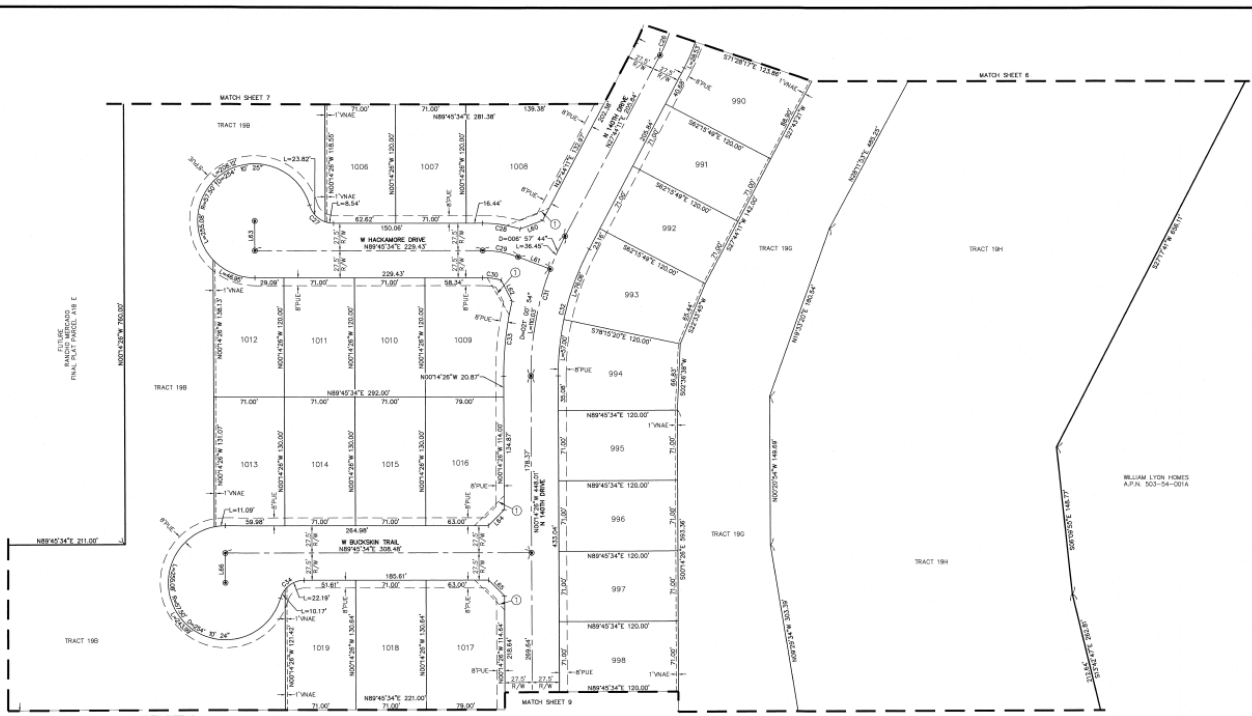
FW: 2 SPRING
DR: 8 GULLS

FSR NO:
09001544

SCALE:
1" = 40 FEET

DRAWN BY NAME:

SHEET
8 OF 10



LOT TABLE WIDTH BASED ON FSBL				LOT TABLE WIDTH BASED ON FSBL			
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
890	8032	0.234	109.2	1009	8793	0.254	86.8
891	8020	0.196	71.07	1010	8020	0.196	71.07
892	8020	0.196	71.07	1011	8020	0.196	71.07
893	10007	0.290	99.27	1012	8756	0.251	71.07
894	8010	0.191	80.77	1013	9434	0.271	71.07
895	8020	0.196	71.07	1014	9230	0.270	71.07
896	8020	0.196	71.07	1015	9230	0.270	71.07
897	8020	0.196	71.07	1016	10143	0.293	79.37
898	8020	0.196	71.07	1017	10090	0.291	79.37
1006	8016	0.196	71.07	1018	9275	0.270	71.07
1007	8020	0.196	71.07	1019	9221	0.270	71.07
1008	13002	0.289	80.47				

LINE TABLE		
LINE #	DIRECTION	LENGTH
L80	S69°14'30"W	23.94'
L81	S69°13'32"E	34.50'
L82	S2°16'37"E	23.87'
L83	N00°14'26"W	30.92'
L84	S44°40'34"W	23.83'
L85	S45°14'28"E	22.63'
L86	S00°14'28"E	30.92'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C26	83.68'	150.00'	024°19'21"
C27	33.36'	25.00'	074°10'24"
C28	26.70'	127.50'	017°23'20"
C29	26.68'	100.00'	027°07'24"
C30	16.92'	72.00'	014°52'30"
C31	146.49'	350.00'	027°08'38"
C32	133.08'	272.50'	037°08'38"
C33	76.11'	327.50'	017°08'38"
C34	20.36'	25.00'	074°10'23"

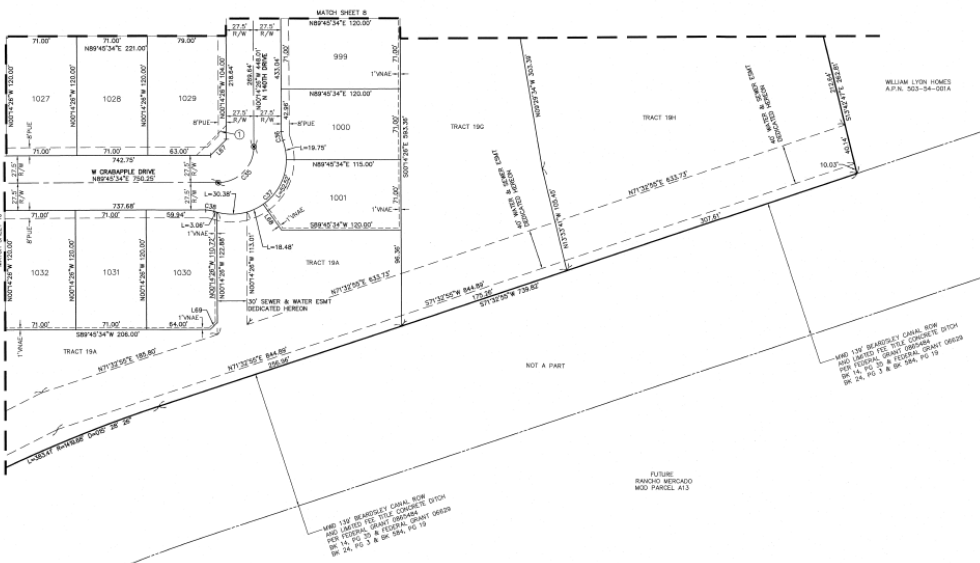




LOT TABLE/WIDTH BASED ON FBIS			
LOT	AREA SQ FT	AREA ACRES	WIDTH
999	8520	0.196	71.0'
1000	8440	0.194	71.0'
1001	8851	0.203	71.0'
1027	8520	0.196	71.0'
1028	8520	0.196	71.0'
1029	9352	0.215	75.0'
1030	8486	0.195	71.0'
1031	8520	0.196	71.0'
1032	8520	0.196	71.0'

LINE TABLE		
LINE #	DIRECTION	LENGTH
L67	S44°45'34"W	22.63'
L68	N35°19'02"W	32.01'
L69	S44°45'34"W	9.90'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C35	56.55'	36.00'	090°30'00"
C36	8.89'	25.00'	020°21'58"
C37	124.19'	55.00'	129°22'33"
C38	8.30'	25.00'	019°00'43"



WHD 130' BEARDSLEY CANAL ROW
AND LIMITED FEE TITLE CONCRETE DITCH
PER FEDERAL GRANT 0805484
BK 14, PG 30 & FEDERAL GRANT 08052
BK 24, PG 3 & BK 584, PG 19

WIND 130V BEARDSLEY CANAL ROW
AND LIMITED FEE TITLE CONCRETE DITCH
PER FEDERAL GRANT 06A5484
BK 14, PG 35 & FEDERAL GRANT 06620
BK 24, PG 3 & BK 584, PG 19

NOT A PART

FUTURE
RANCHO MERCADO
MOD PARCEL A13



ATWELL
866.850.4200 www.atwell-group.com
4701 E. SOUTHDOWN AVENUE
MESA, AZ 85206
480-278-6831

COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS:



PM.	J. SPRING
DR.	R. GILES
JOB NO.	

SCALE 0 20 40

1" = 40 FEET

SHEET NO. 9 OF 10



FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

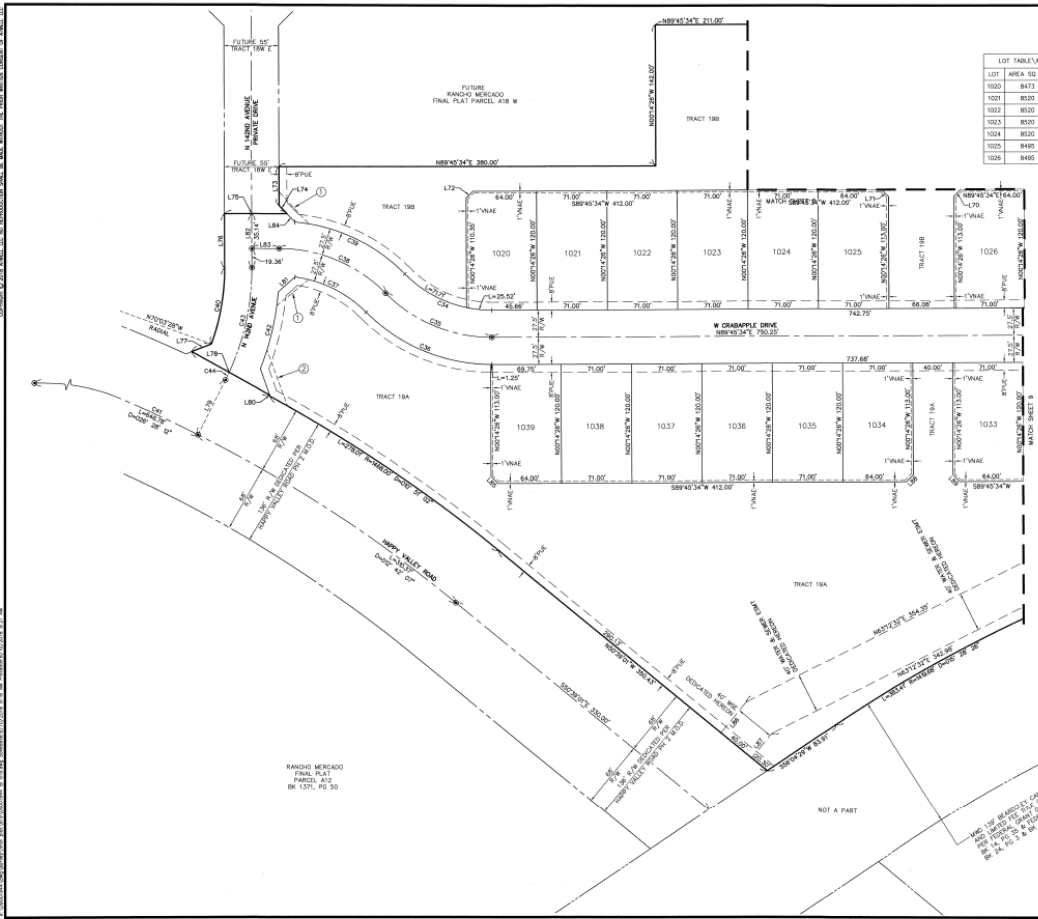


SCALE 0 20
1" = 40 FEET

SHEET
NO.

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L70	N44°45'34"E	9.90'	L80	S19°13'39"E	1.37'
L71	S45°14'26"E	9.90'	L81	N48°16'12"E	22.56'
L72	N44°45'34"E	9.90'	L82	N00°14'27"W	54.50'
L73	S00°14'26"E	39.36'	L83	N89°45'34"E	27.50'
L74	N43°36'57"W	11.57'	L84	N43°36'57"W	11.57'
L75	S89°45'34"W	62.95'	L85	N45°14'26"W	9.90'
L76	S00°14'26"E	54.50'	L86	S30°25'59"W	40.21'
L77	N89°50'58"E	21.20'	L87	S30°25'59"W	31.76'
L78	S69°05'43"E	89.79'	L88	S44°45'34"E	9.90'
L79	S26°38'52"W	61.71'	L89	N44°14'26"W	9.90'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C34	87.23'	122.50'	045°28'39"
C35	119.06'	150.00'	045°28'39"
C36	140.89'	177.50'	045°28'39"
C37	81.34'	122.50'	038°02'49"
C38	119.06'	150.00'	045°28'39"
C39	124.88'	177.50'	040°08'40"
C40	78.38'	222.50'	020°07'59"
C41	957.15'	1400.00'	039°07'19"
C42	80.05'	277.50'	016°31'38"
C43	108.87'	250.00'	024°57'07"





SURPRISE
ARIZONA

**QUESTIONS OR
COMMENTS?**

Thank You



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date: November 6, 2018

Contact Person: Sherry Ann Aguilar, City Clerk

Submitting Department:

District: Citywide

Staff: None

Recommendations:

Consent	☒	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action on the meeting minutes of October 16, 2018 Regular City Council Work Session, Regular City Council Meeting and Executive Session.

Motion:

I move to approve the meeting minutes.

Background:

Objective Analysis:

Policy Compliant:

Financial Impact:

Budget Impact:

FTE Impact:

ATTACHMENTS:

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CITY OF SURPRISE
Regular City Council Meeting Minutes
16000 North Civic Center Plaza
Surprise, AZ 85374

Tuesday, October 16, 2018 @ 6:00PM

Call to Order

Roll Call

Mayor Wolcott called the Regular City Council Meeting to order at 06:01 p.m. at Surprise City Hall Council Chamber, 16000 North Civic Center Plaza Surprise, Arizona 85374, on Tuesday, October 16, 2018. Also in attendance with Mayor Wolcott were Vice Mayor Remley, Council Member Winters, Council Member Hayden, Council Member Duffy, Council Member Tande and Council Member Hall.

Staff Present:

City Manager, Bob Wingenroth; City Attorney, Robert Wingo and City Clerk, Sherry Ann Aguilar

Pledge of Allegiance

PROCLAMATION AND COMMUNITY ACKNOWLEDGEMENTS

City Manager Report:

Youth Coordinator, Mike Cassidy introduced the staff and students from Marley Park Elementary School. 3 students came forward to share a few words about their school.

City Attorney Report:

City Clerk Report:

City Clerk Aguilar gave a brief update on the upcoming election. Ballots have been mailed out, we have a drop box here at City Hall City Clerk's Office and you can vote early beginning Saturday, October 27th at 8 AM.

Consideration and action to appoint Scott Krous to fill the vacancy on the Planning & Zoning Commission with a term expiration of June 30, 2020 and direct the City Clerk to administer the Oath of Office - APPROVED

Vice-Mayor Remley reviewed the Selection Committee process to fill the vacancy on the Planning & Zoning Commission.

Vice Mayor Remley made the motion to approve appointing Mr. Krous to the Planning and Zoning Commission and directed the City Clerk to administer the Oath of Office. Council Member Winters seconded the motion. Seven yes votes, motion carried.

City Clerk Aguilar administered the Oath of Office.

Call to The Public:

Regular City Council Meeting Agenda:

Consent Agenda:

1. Consideration and action declaring the City's intention to create the, "SU-AUSTIN RANCH EAST" Street Light Improvement District pursuant to A.R.S. 48-616; Resolution #2018-145 - APPROVED

2. Consideration and action pertaining to approval of an amendment to the FY2019 budget by reallocating appropriations from Economic Development Contingency to the Dysart Median project, #P61400 in the amount of \$2,800 and amending the Capital List of items over \$50,000; Resolution # 2018-155 - APPROVED

3. Consideration and action declaring the City's intention to create the, "AUSTIN RANCH WEST PARCEL 5 #144" Street Light Improvement District pursuant to A.R.S. 48-616; Resolution #2018-113 - APPROVED

4. Consideration and action declaring the City's intention to create the, "SU-ASANTEPAR4.5" Street Light Improvement District pursuant to A.R.S. 48-616; Resolution #2018-151 - APPROVED

5. Consideration and action pertaining to Council's general support for a partnership between the City of Surprise and the Non-profit Chance Shelter of Surprise by entering into a letter of intent to build a no-kill animal shelter on City owned land in Surprise; Resolution #2018-162 - APPROVED

City Manager Wingenroth gave a brief presentation on the Chance No-Kill Animal Shelter.

Council Member Tande made the motion to approve Resolution 2018-162. Council Member Winters seconded the motion. Seven yes votes, motion carried.

6. Consideration and action pertaining to approval of an amendment to the Fiscal Year 2019 budget by reallocating appropriations of \$120,500 from Contingency within the Grants Fund and authorizing the acceptance of seven (7) grant awards from the Arizona Governor's Office of Highway Safety; Resolution #2018-154 - APPROVED

7. Consideration and action pertaining to an amendment of the Fiscal Year 2019 budget by reallocating appropriations of \$14,400 from Contingency within the Grants Fund to the Donations Fund; \$39,200 within the Community Development Block Grant program to properly align program expenditures; reallocation of \$400 from Neighborhood Revitalization Fund to Contingency within the Grants Fund; and amending the Capital and Operating List of items over \$50,000 by increasing the 2018-19 CDBG Grant item to \$667,200; Resolution #2018-156 - APPROVED

8. Consideration and action pertaining to approval of an intergovernmental agreement (IGA) with the Arizona Department of Homeland Security for a grant in the amount of \$38,200 and amending the Fiscal Year 2019 budget to account for same; Resolution # 2018-158 - APPROVED

9. Consideration and action pertaining to approval of an amendment to the Fiscal Year 2019 budget by reallocation of appropriations of \$45,000 from Grant Contingency to Finance General Fund Services for investment advisory services and amending the List of Operating Items over \$50,000; Resolution #2018-159 - APPROVED

Vice Mayor Remley asked for clarification on this item.

Vice Mayor Remley made the motion to approve Resolution 2018-159. Council Member Winters seconded the motion. Seven yes votes, motion carried.

10. Consideration and action pertaining to approval of the Four Rights of Way Agreements between the Arizona State Land Department and the City of Surprise; Resolution #2018-152 - APPROVED

11. Consideration and action pertaining to approval of the final plat entitled, "Austin Ranch East Phase 1A – Parcels 12B, 13, &14 Final Plat" dated September 20, 2018, a property generally located 3,000 feet southwest of the intersection of Grand Avenue and Deer Valley Road, within the Austin Ranch PAD - APPROVED

12. Consideration and action pertaining to the final plat entitled, "Austin Ranch East Phase 1B – Parcels 12A &12C Final Plat," dated September 20, 2018, a property generally located 3,000 feet southwest of the intersection of Grand Avenue and Deer Valley Road, within the Austin Ranch PAD - APPROVED

13. Consideration and action pertaining to approval of the Re-plat entitled, "Final Plat for Austin Ranch East - Phase 2 (Parcels 9, 10 & 11)" dated September 19, 2018, and generally located 3,000 feet southwest of the intersection of Grand Avenue and Deer Valley Road, within the Austin Ranch PAD - APPROVED

14. Consideration and action pertaining to approval of an APS Utility Easement for re-alignment of electric lines for the Ottawa Campus - APPROVED

15. Consideration and action pertaining to approval of an amendment to the fiscal year 2019 budget by reallocating appropriations of \$13,900 within the Grants Fund in order to accept two grants from the Arizona Governor's Office of Highway Safety to support Fire-Medical's Impaired and Distracted Driving Campaign and Car Seat Program; Resolution #2018-160 - APPROVED

16. Consideration and action pertaining to an amendment to the fiscal year 2019 budget by reallocating appropriations of \$287,200 from the Grants Fund to the Ground Ambulance Service Fund and appropriations of \$28,800 within the Ground Ambulance Service Fund in order to accept a grant from FEMA's Assistance to Firefighters Grant Program; Resolution # 2018-161 - APPROVED

17. Consideration and action on the meeting minutes of October 2, 2018 Regular City Council Work Session and Regular City Council Meeting - APPROVED

Council Member Tande made the motion to approve the consent agenda, excluding items 5 and 9. Council Member Hall seconded the motion. Seven yes votes, motion carried.

Regular Agenda Item - Public Hearing

18. Consideration and action pertaining to approval of the preliminary plat entitled, "Rio Rancho Estates" dated July 26, 2018, a property generally located one (1) mile west of the intersection of West Grand Avenue and West Happy Valley Road - APPROVED

City Planner, Hobart Wingard gave a powerpoint presentation on this item.

Mayor Wolcott asked if the State Land department is a reviewing agency?

Mr. Wingard - for the rezone, not the Preliminary Plat.

Council Member Winters made the motion to approve Rio Rancho Estates Preliminary Plat. Council Member Hayden seconded the motion. Seven yes votes, motion carried.

19. Consideration and action pertaining to approval of a Major Zoning Amendment to approximately 119 acres in the Tierra Verde East PAD, a property generally located on the northeast corner of 155th Avenue and the Happy Valley Road alignment, to allow for an increase in density, increase in open space, modifications to the development standards, and revisions to the land use plan; Ordinance #2018-13 - APPROVED

City Planner, Sergio Angulo gave a powerpoint presentation on this item.

Council Member Hall asked if the developer agreed to do a 12 foot easement to the

neighbor to the north.

Council Member Winters asked about Happy Valley Road alignment. How much will Rancho Mercado be taking care of?

Mr. Angulo - a portion to the west of 163rd Avenue.

Council Member Winters made the motion to approve Ordinance 2018-13. Council Member Hayden seconded the motion. Seven yes votes, motion carried.

20. Consideration and action on a Preliminary Plat to allow for the development of a single-family residential subdivision in Parcels 1, 2, and 3 of the Tierra Verde East PAD located in the northeast corner of 155th Avenue and the Happy Valley Road alignment; Resolution 2018-167 - APPROVED

City Planner, Sergio Angulo gave a powerpoint presentation on this item.

Council Member Winters asked about the intersection of Happy Valley Road and 163rd, if there will be a traffic light at this intersection.

Mr. Angulo - Yes correct.

21. Consideration and action pertaining to approval of the preliminary plat entitled, "Asante- Parcel 4.5" dated July 17, 2018, a property generally located in the northwest corner of Asante Boulevard and 163rd Avenue - APPROVED

City planner, Sergio Angulo gave a powerpoint presentation on this item.

Council Member Winters made the motion to approve Asante Parcel 4.5 Preliminary Plat. Vice Mayor Remley seconded the motion. Seven yes votes, motion carried.

Regular Agenda Item - Non-Public Hearing:

22. Consideration and action pertaining to approval of the final plat entitled, "Asante 4.5-Parcel 1" dated August 14, 2018, a property generally located in the northwest corner of Asante Boulevard and 163rd Avenue - APPROVED

City planner, Sergio Angulo gave a powerpoint presentation regarding this item.

Council Member Winters made the motion to approve Asante 4.5 Parcel 1 Final Plat. Council Member Hayden seconded the motion. Seven yes votes, motion carried.

23. Consideration and action pertaining to approval of the final plat entitled, "Asante 4.5- Parcel 2" dated August 14, 2018, a property generally located in the northwest corner of Asante Boulevard and 163rd Avenue - APPROVED

City planner, Sergio Angulo gave a powerpoint presentation regarding this item.

Council Member Winters made the motion to approve Asante 4.5 Parcel W Final Plat. Council Member Hayden seconded the motion. Seven yes votes, motion carried.

24. Consideration and action pertaining to approval of the Purchase and Sale Agreements and Joint Escrow Instructions for the purchase of land from LCD Asante, LLC and HE Capital Asante, LLC, for the purpose of acquiring land for Fire Station 304 - APPROVED

Community Development Director, Eric Fitzer gave a powerpoint presentation regarding this item.

Mayor Wolcott asked Chief Abbott if there is a heliport pad in the design?

For future, there is land set aside for this as part of the project.

Vice Mayor Remley asked Fitzer about the bond funds and land the station is currently on, we own that right?

Mr. Fitzer - Yes.

Vice Mayor Remley - When are we going to dispose of the other land? Does the developer own both parcels? Did we consider the possibility of a swap?

Council Member Hall - Did we budget when we did the bond for land purchase?

City Manager Wingenroth - Yes.

Council Member Hall made the motion to approve the purchase of land from LCD Asante and HE Capital Asante. Council Member Duffy seconded the motion. Seven yes votes, motion carried.

25. Consideration and action pertaining to approval of an Intergovernmental Agreement (IGA) between the City of Eloy and Surprise for the sale and purchase of underground Long Term Storage Credits established within the Phoenix Active Management Area in an amount not to exceed 2,000 Acre-feet per year for the benefit of the City of Surprise water service area; and the associated budget amendment to reallocated appropriations; Resolution # 2018-153 - APPROVED

Water Resources Management Director, Terry Lowe gave a brief presentation on this item.

Council Member Hall commented that the City of Eloy acted on this last night. Price based off of the capital cost of the ownership Colorado, and the delivery fee is the second portion of the cost.

Vice Mayor Remley asked about how much money are we talking about?

Mr. Lowe commented \$430,000. for the year, split between 2 calendar years.

Council Member Winters made the motion to approve Resolution 2018-153. Council Member Hayden seconded the motion. Seven yes votes, motion carried.

26. Consideration and action pertaining to approval of an amendment to the FY2019 budget by reallocating appropriations within the General Fund in the amount of \$391,500 from Contingency within the Grants fund to full-time salaries and employee related expenses to add five (5) regular full-time positions: Internal Auditor (City Manager's Officer), Senior Administrative Specialist (Economic Development), Construction Inspector (Public Works), Management Assistant (City Manager's Office) and GIS Analyst (Information Technology). Resolution # 2018-165 - APPROVED

City Manager Wingenroth gave a powerpoint presentation on this item.

Council Member Winters questioned the inspector position in public works.

Vice Mayor Remley commented that there is a house project that has been stalled for a month because the inspectors are too busy. Our auditor does a wonderful job, but she is only one person. I am in favor of this item, but concerned about the ongoing costs and we have spent a million dollars tonight.

Council Member Hall commented that I know you have thought about this, you see our needs. We had 2 full time Intergovs back in 2010. I can't tell you how many times I have been to ED, and Jeanine is a worker bee, but she is doing a lot of administrative stuff, she needs an anchor in the office. I appreciate you stepping up because we need these people. Thanks for being ahead of this.

Vice Mayor Remley made the motion to approve Resolution 2018-165. Council Member Hayden seconded the motion. Seven yes votes, motion carried.

27. Consideration and action pertaining to approval of an amendment to the Comprehensive Citywide Fee Schedule; Resolution # 2018-157 - APPROVED

Fire Chief, Tom Abbott gave a powerpoint presentation on this item.

Council Member Hall asked for clarification on some of the increased fees and why?

Council Member Hall asked Judge Dominguez to clarify the fees that are being removed.

Vice Mayor Remley asked for clarification on what can we do to prevent this problem to occur in the future? Medication costs are going up, not going down. Could we not somehow change our policy where the only time you would need to come to us if you changed up your markup on these items?

City Attorney Wingo quoted a specific state statute. We are not a charter city and mandated by this specific section of City Code.

Council Member Winters made the motion to approve Resolution 2018-157. Council Member Hall seconded the motion. Seven yes votes, motion carried.

28. Consideration and action on a Facilities Use Agreement with Ottawa University for City use of University facilities for a period of 10.5 years in the amount of \$10,300,000.00 - APPROVED

City Manager Wingenroth gave a powerpoint presentation on this item.

Mike Hoover continued with the presentation with a background on Ottawa and the facility use agreement.

Mayor Wolcott thanked Mr. Hoover for not taking no and staying consistent and 7 years later here we are. This is a big deal and we are very thrilled. There are so many opportunities in our City to take advantage of the Ottawa experience. We as Council have long envisioned to build a sense of there, of arrival and of creating space.

Dennis Tyner of Ottawa University read aloud a letter from the Chancellor, Kevin Eichner.

Council Member Tande commented that we should be doing the same for Ottawa, this partnership is doing so much for this City. You are creating a community atmosphere; you are an anchor on Economic Development. What you have created here in the first year is amazing. Very pleased that you will allow us to expand services to our residents.

Council Member Hall made the motion to approve the Facilities Use Agreement with Ottawa University. Council Member Winters seconded the motion. Seven yes votes, motion carried.

Other Business and Future Agenda Items:

Mayor/Council Reports:

Mayor and Council reported on and/or attended the following:

Council Member Tande - WESTMARC held meeting in Top Golf, hired 500 people to run this facility. Public Works Department during the rain, everything from design standards to other problems are taken care of right away.

Council Member Winters - Wed., October 3rd Chamber of Commerce Event at Arts Center; attended the Surprise Youth Council Meeting on Monday night - working on their Halloween event. Thanked Public Works Department for tending rain and floods in

District 1 - 163rd Avenue area.

Council Member Hayden -Attended Sante meeting, thanked Mike Gent for all the work they do.

Vice Mayor Remley - Also attended Sante meeting; Saturday night watching Ottawa game. Looking forward to where our City is going and Ottawa will play a role in our future; District 4 meeting next Wednesday, redevelopment of the OTS.

Council Member Hall made the motion to recess the Regular City Council Meeting and enter into executive session at 8:00 PM. Council Member Duffy seconded the motion. Seven yes votes, motion carried.

Executive Session:

29. Consideration and action to recess into executive session to discuss the resignation and appointment process pertaining to the appointed office of City Manager pursuant to A.R.S. 38-431.03 (A)(1).

M. Adjournment:

Council Member Hall made the motion to adjourn the Regular City Council Meeting of October 16, 2018 at 8:19 PM. Council Member Duffy seconded the motion. Seven yes votes, motion carried.

Sharon R. Wolcott, Mayor

ATTEST:

Sherry Ann Aguilar, City Clerk, MMC

CERTIFICATION:

I, Sherry Ann Aguilar, City Clerk for the City of Surprise, Maricopa County, Arizona, do hereby verify that these are the true and correct minutes of the Regular City Council Meeting of **Tuesday, October 16, 2018.**

Sherry Ann Aguilar, City Clerk, MMC

CITY OF SURPRISE
Regular City Work Session Minutes
16000 North Civic Center Plaza
Surprise, AZ 85374

Tuesday, October 16, 2018 @ 4:00PM

Call to Order

Roll Call

Mayor Wolcott called the Regular City Council Work Session to order at 04:00 p.m. at Surprise City Hall Council Chamber, 16000 North Civic Center Plaza Surprise, Arizona 85374, on Tuesday, October 16, 2018. Also in attendance with Mayor Wolcott were Vice Mayor Remley, Council Member Winters, Council Member Hayden, Council Member Duffy, Council Member Tande, and Council Member Hall.

Staff Present:

City Manager, Bob Wingenroth, City Attorney, Robert Wingo and City Clerk, Sherry Ann Aguilar.

Pledge of Allegiance

Call to The Public:

Daniel Schrader, 163rd Avenue area. Addressed issues of Mr. Cunningham not following HOA rules of Mr. Jim Cunningham remaining on the ballot. City accountability. Letting this issue pass at this level is wrong, either you are eligible or you are not. Unless I have missed something, seems Mr. Cunningham has come to our City and has done what he wants.

Regular City Council Work Session Agenda:

1. Presentation and discussion regarding Dale Lane Right-of-Way (ROW), and adjacent transportation projects - NO ACTION

Public Works Director, Mike Gent started off the powerpoint presentation showing pictures of flooded area in the 163rd Avenue area. He then turned over the presentation to Community Development Director, Eric Fitzer who gave a history of Dale Lane and 163rd Avenue areas dating back to 1978, and where we are at now.

Mayor Wolcott asked what is available and reasonable to apply for since this is a competitive fund?

Mr. Gent - Yes.

Vice Mayor Remley commented that we have acquired approx. half of the properties on Dale Lane on the properties that we have the right of way, is it possible to do anything that would mitigate the flooding that they are experiencing?

Mr. Gent commented that from a legal point of view, we do not make improvements to non contiguous right of ways. We could make improvements to contiguous right of way, and we don't have it right at 163rd Avenue.

Council Member Hayden - even if we don't have right of way, can we at least clean up the roadways that would help with drainage?

City Attorney Wingo commented that there are legal issues and we could not do a clean up on someone's property that has not given permission.

Mr. Fitzer continued with the presentation discussing Tierra Rico and improvements that the developer has agreed to make.

Council Member Winters thanked staff for the presentation and commented this is an issue that has gone on for years. He asked staff for a status on some of the new development going in out in this area. What can we do for this problem?

Mr. Gent commented that this is a question we get frequently, and many ask what can the city do? The team is working on 3 different scenarios and have accomplished more right of ways in the last year over what has taken place in the last 30 years.

Council Member Winters commented that we have right of way forms here for any residents that would like to take one and a list of residents that have given the right of way.

Mayor Wolcott applauded staff on what has been delivered in the past few years. We are really trying and reaching out to landowners that are struggling. What about progress with the out of state or out of country landowners?

Mr. Fitzer confirmed that we have received a few out of state, and one out of the country, we have not been able to make a connection. We are doing everything we can to follow up.

Mayor Wolcott assured residents that we are going to stay on this and keep at it. She thanked staff for their efforts.

Public Comments:

Tammy Bayne spoke on the issue of flooding, she sent in the pictures for the powerpoint presentation. She commented that one of the pictures is a 4 foot deep hole, but this is a concern for public safety and resident access. The road conditions need to change.

Geoffrey Dentz, disappointed that the city has not been able to move faster. Glad to hear that 171st and Jomax will be developed by the developer. Maricopa County Flood Control, corridor is silted up and this is causing the most damage. I wanted to mention this as an option.

Susan Snow lives on Dale Lane, I am glad I came to the meeting, I saw the list and there is a mistake. We did donate the right of way land. The city promised \$1.00, and have not seen that, but now the city is asking for 5 more feet.

City Clerk read the written statement for the record from Susan Maestas.

Vice Mayor Remley commented that to have a paved road in front of your house, makes the value of your home go up when you have a paved road. I suggest to talk to your neighbors to get this done.

2. Presentation and discussion pertaining to Councilmember Hall's request to evaluate establishing a Veteran's focused Commission - NO ACTION

City Manager Wingenroth opened the discussion with introductions and proceeded with the powerpoint presentation. He turned over the presentation to Alison Matthees, Intern in the City Manager's Office. Ms. Matthees gave a history on research with other cities around the State that have a similar commission. Only Phoenix, Tucson and Mesa have this type of Commission.

City Manager Wingenroth commented that this would be a commission that would advise, assisting and advocating for Veteran Services as well as evaluating grant funding opportunities and presenting to City Council for CDBG, HOME, and Neighborhood Stabilization. We see this being an 11 member commission with reserved seats for Service members, Veterans and or family members; individuals with disabilities and/or disability service organizations and for human service representatives. We would propose that this group meet in the Council Chambers.

We are proposing 1 full time program coordinator and an initial year funding of \$50,000. and ask for outside consulting services to help set up this new commission.

Mayor Wolcott commented that 3 years ago we were approached about creating a Veteran's Center here in Surprise. It ended up being a collaborative effort for the West Valley. We would have loved to located this center here in Surprise, but the best location was Luke Air Force Base. If we do this, we need to have veteran's representation, Transportation will be an issue that needs to be addressed.

Council Hall asked about the 3 priorities that were previously discussed and commented that he forgot about transportation. I am fuzzy about the population on this commission, would we transfer the Disability, and add 4 members. City Manager Wingenroth clarified. He further commented that adding a full-time staff member to this commission is a great recommendation, we need to have a staff person that handles this specifically each and every day. Maybe there is someone in Seth's department that might want to apply. Could you also please look into closed captioning? If a Veteran wants to watch the meeting, they may have hearing issues.

Ms. Matthees commented that closed captioning is approximately \$30,000. live, but if you watch the meeting 24 hours, there is no additional cost for close captioning on YouTube.

Vice Mayor Remley thanked staff on the presentation, this is going to give an opportunity to combine some over lapping organizations into unity. I think this will be a whole lot more coordinated. The memorial in Peoria is amazing. Since City Hall is on the landing strip, a great place for a WWII plane to be located.

Mayor Wolcott thanked Mr. Steph Hanzel for bringing this idea forward to us.

Executive Session:

Adjournment:

Council Member Hall made the motion to adjourn the Regular City Council Work Session of October 16, 2018 at 5:14 PM. Council Member Tande seconded the motion. Seven yes votes, motion carried.

Sharon R. Wolcott, Mayor

ATTEST:

Sherry Ann Aguilar, City Clerk, MMC

CERTIFICATION:

I, Sherry Ann Aguilar, City Clerk for the City of Surprise, Maricopa County, Arizona, do hereby verify that these are the true and correct minutes of the Regular City Council

Work Session of **Tuesday, October 16, 2018.**

Sherry Ann Aguilar, City Clerk, MMC



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

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Council Meeting Date: November 6, 2018

Contact Person: Sherry Ann Aguilar, City Clerk

Submitting Department:

District: 5

Staff None

Recommendations:

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action to approve a request by Gregory Patrick Hall, II (Agent) for a Series 12 liquor license for AZFRYGUY, LLC, located at 15226 W. Bell Road, #100, Surprise, AZ. 85374.

Motion:

I move to approve a request by Gregory Patrick Hall, II (Agent) for a Series 12 liquor license for AZFRYGUY, LLC, located at 15226 W. Bell Road, #100, Surprise, AZ. 85374.

Background:

All Departmental reports are attached and there are no concerns noted for this request.

Objective Analysis:

Policy Compliant:

Financial Impact:

Budget Impact:

FTE Impact:

ATTACHMENTS:

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[AZFRYGUY Dept. Reports](#)

**SURPRISE POLICE DEPARTMENT
LIQUOR LICENSE APPLICATION REVIEW**

REFERENCE:

DATE: October 29, 2018

Interim Permit/New License - Job #32765
Series # 12

APPLICANT:

AZFRYGUY
15226 W. Bell Road #100
Surprise, Arizona 85374

FINDINGS:

- 1) ***Evidence concerning the nature of the proposed business, its potential market and its likely customers.***
AZFRYGUY is a full service restaurant, primarily serving deep fried American dishes and is open for lunch and dinner. It is taking the place of a previous full-service restaurant. AZFRYGUY should be open to all ages, and the potential market should be for all citizens in the Surprise and surrounding communities. The restaurant has indoor seating totaling 95 persons, with 15 of these seats dedicated to a small bar area.
- 2) ***Effect of vehicular traffic in close proximity.***
The addition of AZFRYGUY should have no great effect on the rate of traffic in the immediate area. There are at least two entrances into the small plaza, where AZFRYGUY will operate and both accesses will be off of Bell Road.
- 3) ***The history for the past five years of liquor violations and reported criminal activity at the proposed premises provided that the applicant has received a detailed report of such activity at least 20 days before the hearing.***
There have been very few reports of any criminal activity here over the past five years for any of the previously mentioned businesses. There was an incident at a previous restaurant at this location where police were called to remove an intoxicated subject from the premises. In 2016, a man was contacted in the area and was found to have a warrant. He had no connection with the restaurant.
- 4) ***Comparison of hours of operation of the proposed premises to the existing businesses in close proximity.***
The hours for AZFRYGUY are closed on Mondays and Tuesdays. They open at 11 AM the rest of the week with various closing hours, not to exceed 9 PM. There is a flooring and cabinet store in the small plaza that is not open past 6 PM. Across the small plaza roadway to the east is the Brookside Bar & Grill II, which is open until 2 AM.
- 5) ***Appropriateness of series license requested.***
A series #12 license is appropriate and applicable for AZFRYGUY per state guidelines for restaurant type sales.

Submitted by Officer Chris Tovar #2059



Surprise Fire-Medical Department
14250 W. Statler Plaza Ste. 101
Surprise, AZ 85374-7479
Phone: 623-222-5000
Fax: 623-222-5001



October 16, 2018

To: Sherry Ann Aguilar, City Clerk
From: Keith Tanner, Fire Marshal
Subject: Liquor License Application
Applicant: AFRYGUY, LLC
15226 W Bell Road, Suite 100

The Surprise Fire-Medical Department recently conducted a fire inspection at the above referenced location to ensure compliance with the applicable fire codes within the tenant space and building. There are no known fire code violations at this time.

Therefore fire has no comment on the application at this time.

If you have any questions feel free to contact me.


Keith Tanner, Fire Marshal
Fire Prevention Division
Surprise Fire-Medical Department



COMMUNITY DEVELOPMENT DEPARTMENT

Date: October 17, 2018
To: Sherry Aguilar, City Clerk
From: Eric Fitzer, Community Development Director
By: James Stewart, Zoning Specialist
Re: Liquor License Application for:

AZFRYGUY
Interim Permit/New License – Job # 32765
15226 W. Bell Road #100
Surprise, Arizona 85374

1. Fry's Food & Drug #61 (Series 9) – 15510 W. Bell Rd.
2. Lucky's Pizza #3 (Series 12) – 15508 W. Bell Rd. #107
3. 4 Sons Food Store #604 (Series 10) – 15505 W. Bell Rd.
4. Macayo's Mexican Kitchen (Series 12) – 15565 W. Bell Rd.
5. Richi's Diner (Series 12) – 15609 W. Bell Rd. #100
6. Booty's (Series 12) – 15557 W. Bell Rd. #404, 405, 406
7. Tailgaters Sports Grill (Series 12) – 15529 W. Bell Rd.
8. LUV 2 Play (Series 7) – 15495 W. Bell Rd. #104
9. Walgreens #4620 (Series 10) – 15490 W. Bell Rd.
10. Red Line Grill (Series 12) – 15332 W. Bell Rd. #101 & 102 (Expired)
11. Brookside II (Series 12) – 15170 W. Bell Rd.
12. New York Flavor (Series 12) – 15170 W. Bell Rd. #103 (Expired)

The immediate area is composed of commercial establishments. The property is zoned PAD (C-2) which is consistent with the proposed use.

Residential population will most likely remain static. Commercial growth will likely remain static.

If managed properly, the effects of granting this liquor license on surrounding residences will be minimal. This license will have little to no affect on parking in the area. Staff believes that granting this liquor license will not directly impact the surrounding business and residential areas in a negative way.

AZFRYGUY

PAD
SUN CITY GRAND

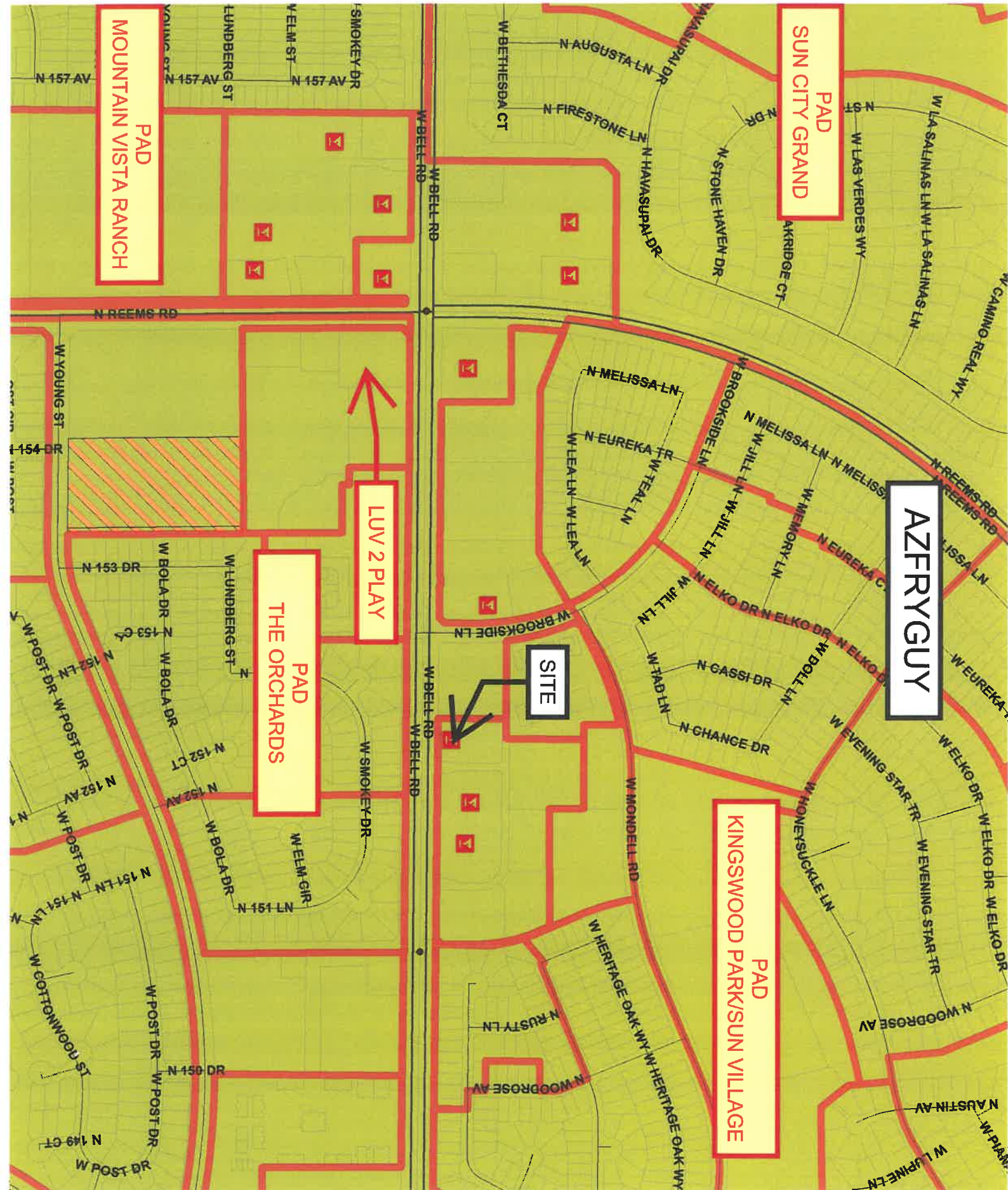
PAD
MOUNTAIN VISTA RANCH

LUV 2 PLAY

PAD
THE ORCHARDS

SITE

PAD
KINGSWOOD PARKSUN VILLAGE





MEMO

Date: 10/15/2018

To: Sherry Aguilar, City Clerk

Linda Stevens, Deputy City Clerk

From: Stacie McQuarrie, Accounting Support Specialist

RE: Liquor License Application – The AZ Fry Guy LLC

Business License Status:

License #1021707, current and valid for 2018.



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

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Council Meeting Date: November 6, 2018

Contact Person: Sherry Ann Aguilar, City Clerk

Submitting Department:

District: Internal

Staff: None

Recommendations:

Consent	☒	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action to approve the 2019 Council Work Session and Regular Council Meeting Schedule.

Motion:

I move to approve the 2019 Council Work Session and Regular Council Meeting Schedule as presented.

Background:

Objective Analysis:

Policy Compliant:

Financial Impact:

Budget Impact:

FTE Impact:

ATTACHMENTS:

Click to download

[2019 Work Session and Meeting Calendar](#)

2019 LIST OF REGULAR WORK SESSIONS AND COUNCIL MEETINGS

***Wednesday January 2, 2019/ One day later due to Holiday!**

Tuesday, January 15, 2019

Tuesday, February 5, 2019

Tuesday, February 19, 2019

Tuesday, March 5, 2019

Tuesday, March 19, 2019

Tuesday, April 2, 2019

Tuesday, April 16, 2019

Tuesday, May 7, 2019

Tuesday, May 21, 2019

Tuesday, June 4, 2019

Tuesday, June 18, 2019

NO MEETINGS IN JULY 2019

Tuesday, August 6, 2019

Tuesday, August 20, 2019 –NO MEETING DUE TO LEAGUE CONFERENCE

Tuesday, September 3, 2019

Tuesday, September 17, 2019

Tuesday, October 1, 2019

Tuesday, October 15, 2019

Tuesday, November 5, 2019

Tuesday, November 19, 2019

Tuesday, December 3, 2019

Tuesday, December 17, 2019



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date:	November 6, 2018	Contact Person:	Robert Kuhfuss
Submitting Department:		District:	1
Staff Recommendations:	Approve		

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to approval of the Final Plat entitled, "Bell Road & 303, LLC" dated October 12, 2018, a 5.3 acre property generally located on the southeast corner of Bell Road and Loop 303.

Motion:

I move to approve the Final Plat entitled, " Bell Road & 303, LLC" dated October 12, 2018.

Background:

The subject request involves a Re-Plat of Lot 1 of Surprise Village Marketplace as originally recorded in Book 1118, Page 15 MCR. The proposed Re-Plat encompasses approximately 5.3 acres and is consistent with the Surprise Village Marketplace PAD. The site was also the subject of a Major Site Plan Amendment that was recently approved by the Planning and Zoning Commission, as well as a Conditional Use Permit to allow a Freeway Monument Sign, which was recently approved by City Council.

Objective Analysis:

The proposed Re-Plat is consistent with the Surprise Village Marketplace PAD and other regulatory documents. The reviewing agencies have expressed no objections to the approval of the Final Plat. Approval of the subject Final Re-Plat will allow the developer to legally divide the property.

Policy Compliant:

The requested Re-plat is consistent with City and Council Policy.

Financial Impact:

All activity related to ongoing development of the City of Surprise has an economic and fiscal impact on the city and the region.

Budget Impact:

There is no anticipated budget impact related to this item.

FTE Impact:

This item does not have an impact on current staff levels.

ATTACHMENTS:

Click to download

[00 FS18-411 Surprise Village Marketplace Re-Plat 11-06-18 CC Staff Report](#)

[01 FS18-411 Vicinity Map](#)

[02 FS18-411 Case Map](#)

[03 FS18-411 Final Plat](#)

[04 FS18-411 Surprise Village Marketplace Re-Plat 11-06-18 CC Presentation](#)

Case: **FS18-411**

Project Name: Bell Road & 303, LLC Re-Plat

Council District: 1

City Council Date: **November 06, 2018**

Planner: Robert H. Kuhfuss, AICP

Owner: Bell Road & 303, LLC

Applicant: John Dorsett of WM Grace Companies on behalf of Bell Road & 303, LLC

Request: Final Re-Plat of Lot 1 of Surprise Village Marketplace

Site Location: Southeast corner of Bell Road and Loop 303

Site Size: 5.3 acres (approx.)

Density: N/A

General Plan Conformance: The proposal is consistent with the Surprise General Plan 2035

Support/Opposition: None known

Findings:

- The proposed Final Re-Plat is consistent with the Surprise General Plan 2035.
- The proposed Final Re-Plat is consistent with the Surprise Village Marketplace PAD.
- The proposed Final Re-Plat is consistent with the amended Site Plan for Surprise Village Marketplace.
- The reviewing agencies have indicated no objections to the request.

Alternative Actions: **Approval** of the requested Final Re-Plat will allow the developer to legally divide the property.

Denial of the requested Final Plat will deny the applicant the opportunity to legally divide the property as depicted on the proposed final plat.

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July 28, 2011: Staff approved a Minor Site Plan Amendment relating to a new driveway in the vicinity of Shops B of Surprise Village Marketplace under FS11-188.

August 2, 2012: The Commission approved a Conditional Use Permit for Taco Bell at Surprise Village Marketplace under case FS12-175.

January 1, 2016: The Commission approved a Major Site Plan Amendment for Surprise Village Marketplace relating to Shops D under case FS15-392.

May 11, 2016: The Commission approved a Major Site Plan Amendment for Babbo Italian Eatery under case FS16-024.

October 6, 2016: The Commission approved a Major Site Plan Amendment for Storage West under case FS16-219.

November 1, 2016: The Council approved a Zone Change to allow self-storage as a permitted use in the Surprise Village Marketplace under case FS16-219.

November 17, 2016: The Commission approved a Conditional Use Permit for Greulich's Automotive under case FS16-320.

March 7, 2017: The Commission approved a Major Site Plan Amendment for Popeye's Louisiana Kitchen under case FS16-412.

April 20, 2017: The Commission approved a Major Site Plan Amendment for Hayashi Restaurant under case FS16-556.

June 5, 2018: The Council approved a request for a Conditional Use Permit to allow a Freeway Monument Sign on the subject property under case FS18-054.

July 19, 2018: The Commission approved a Major Site Plan Amendment for LA Fitness under case FS18-087.

August 16, 2018: The applicant filed the subject request under case FS18-411.

Reviewing Agencies:

The subject request was routed to the standard reviewing agencies, who have indicated no objections to the request.

Summary:

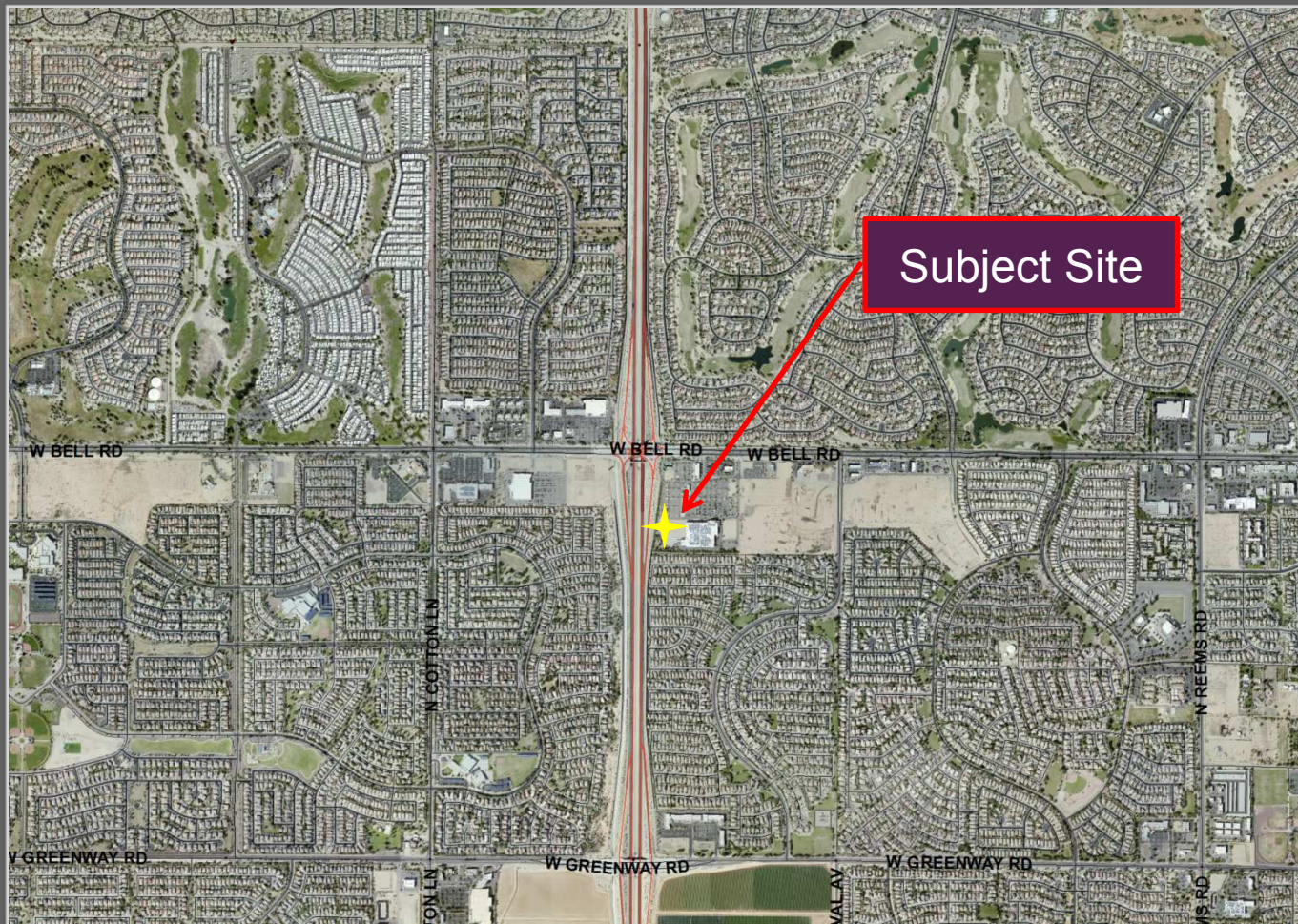
The proposed Re-Plat is consistent with the Surprise Village Marketplace PAD and other regulatory documents. The reviewing agencies have expressed no objections to the approval of the Final Plat. Approval of the subject Final Re-Plat will allow the developer to legally divide the property.

Findings:

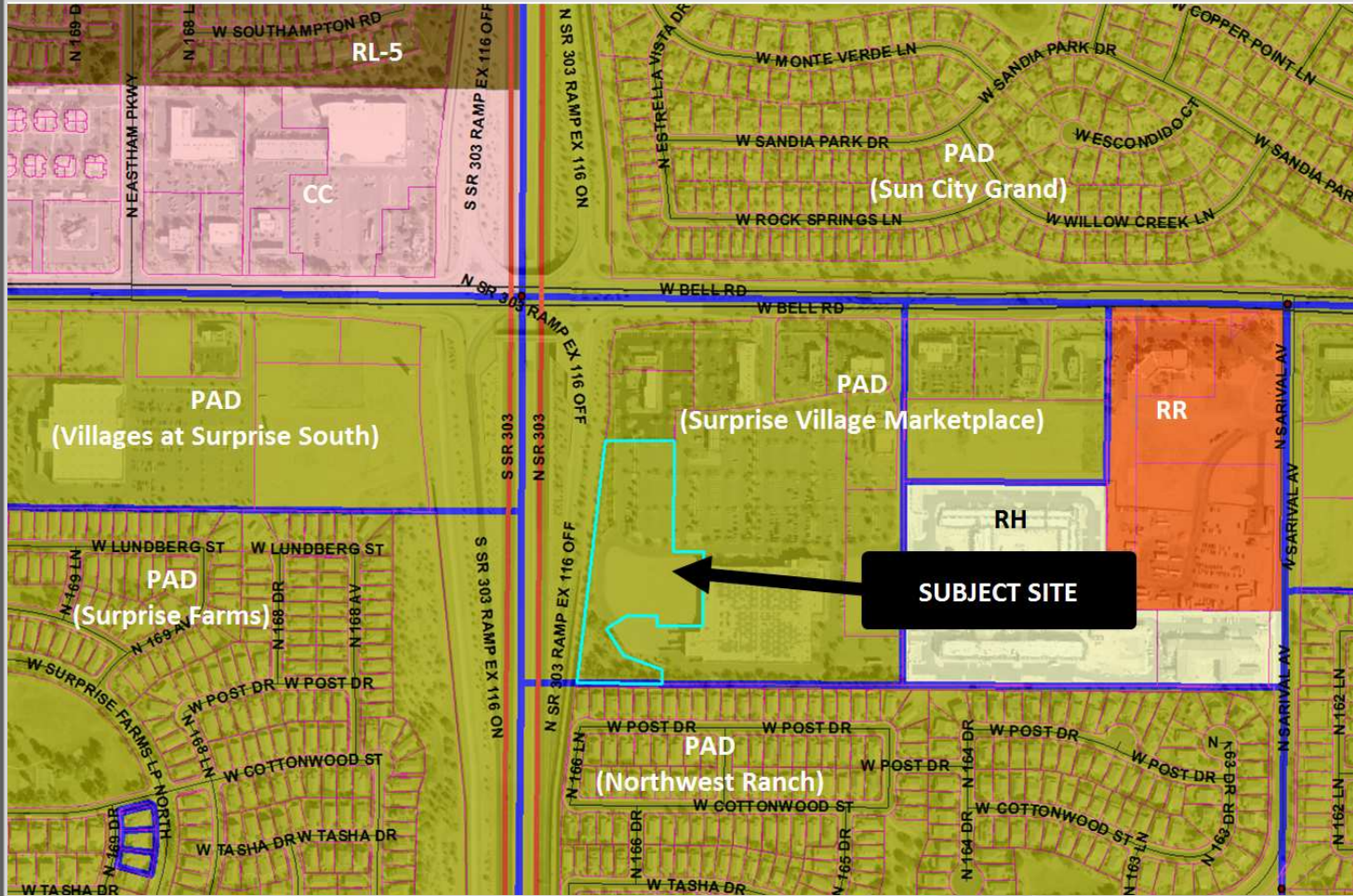
- The proposed Final Re-Plat is consistent with the Surprise General Plan 2035.
- The proposed Final Re-Plat is consistent with the Surprise Village Marketplace PAD.
- The proposed Final Re-Plat is consistent with the amended Site Plan for Surprise Village Marketplace.
- The reviewing agencies have indicated no objections to the request.

Attachments:

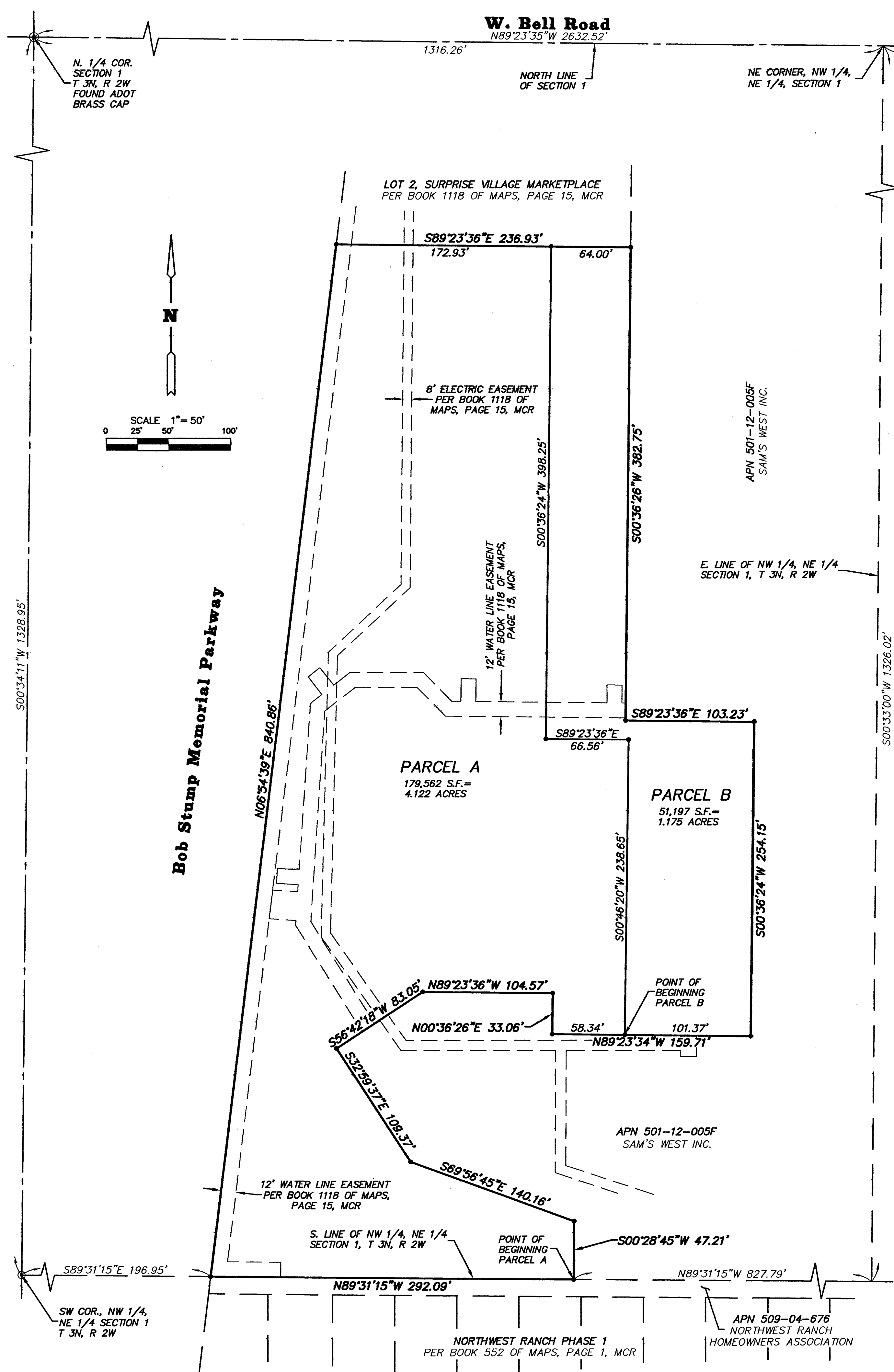
01 Vicinity Map
02 Case Map
03 Final Plat



FS18-411 Vicinity Map



FS18-411 Case Map



FINAL PLAT FOR BELL ROAD & 303, LLC

LOT 1, SURPRISE VILLAGE MARKETPLACE PER BOOK 1118 OF MAPS, PAGE 15, RECORDS OF MARICOPA COUNTY, ARIZONA AND BEING SITUATED IN A PORTION OF THE NORTHEAST QUARTER OF SECTION 1, TOWNSHIP 3 NORTH, RANGE 2 WEST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA.

LEGAL DESCRIPTION

LOTS 1, SURPRISE VILLAGE MARKETPLACE, AS RECORDED IN BOOK 1118 OF MAPS, PAGE 15, RECORDS OF MARICOPA COUNTY, ARIZONA.

SITUATED IN A PORTION OF THE NORTHEAST QUARTER OF SECTION 1, TOWNSHIP 3 NORTH, RANGE 2 WEST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA.

DEDICATION

STATE OF ARIZONA } S.S.
COUNTY OF MARICOPA }

KNOW ALL PERSONS BY THESE PRESENTS: THAT BELL ROAD & 303, LLC, A DELAWARE LIMITED LIABILITY COMPANY HAS SUBDIVIDED UNDER THE NAME BELL ROAD & 303, LLC, A SUBDIVISION OF LOT 1, SURPRISE VILLAGE MARKET AS RECORDED IN BOOK 1118 OF MAPS, PAGE 15, RECORDS OF MARICOPA COUNTY, ARIZONA BEING SITUATED IN A PORTION OF THE NORTHEAST QUARTER OF SECTION 1, TOWNSHIP 3 NORTH, RANGE 2 WEST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA AS SHOWN AND PLATTED HEREON AND DOES HEREBY PUBLISH THIS PLAT AS AND FOR THE PLAT OF BELL ROAD & 303, LLC AND DECLARES THAT THIS PLAT SETS FORTH THE LOCATION AND GIVES THE DIMENSIONS OF EACH LOT, AND EASEMENT CONSTITUTING SAME, AND THAT EACH LOT, AND EASEMENT SHALL BE KNOWN BY THE NUMBER OR NAME GIVEN TO EACH RESPECTIVELY AS SHOWN ON THIS PLAT.

OWNER HEREBY GRANTS TO THE UNITED STATES OF AMERICA DEPARTMENT OF THE AIR FORCE (USAF) AN AVIGATION EASEMENT OVER AND ACROSS THIS PLAT AND EVERY LOT AND PARCEL THEREOF, WHICH EASEMENT SHALL INCLUDE, BUT NOT BE LIMITED TO, THE RIGHT OF FLIGHT OF AIRCRAFT OVER THIS PLAT, TOGETHER WITH ITS ATTENDANT NOISE, VIBRATIONS, FUMES, DUST, FUEL AND LUBRICANT PARTICLES, AND ALL OTHER EFFECTS THAT MAY BE CAUSED BY THE OPERATION OF AIRCRAFT LANDING AT, OR TAKING OFF FROM, OR OPERATING AT OR ON LUKE AIR FORCE BASE AND AUXILIARY FIELD.

OWNER HEREBY GRANTS TO THE CITY OF SURPRISE A PERPETUAL CROSS ACCESS EASEMENT ACROSS THE PLAT INCLUDING ROADS AND STREETS, OPEN SPACES, COMMUNITY FACILITIES, TRACTS, SIDEWALKS, DRAINAGE BASINS AND ANY PROPERTY WITHIN THE PLAT OWNED BY THE HOMEOWNERS ASSOCIATION FOR THE PURPOSES OF PROVIDING CONTINUOUS AND UNINTERRUPTED INGRESS AND EGRESS FOR EMERGENCY VEHICLES.

THE EASEMENTS GRANTED WITHIN THIS DEDICATION ARE PERMANENT AND PERPETUAL AND SHALL RUN WITH THE LAND AND BE BINDING UPON OWNER AND ITS HEIRS, ASSIGNS, AND SUCCESSORS IN INTEREST IN THIS PLAT OR ANY PARCEL OR LOT THEREOF.

IN WITNESS WHEREOF, BELL ROAD & 303, LLC AS OWNER HAS HEREUNTO CAUSED THEIR NAMES TO BE SIGNED THIS _____ DAY OF _____, 2018

BELL ROAD & 303, LLC A DELAWARE LIMITED LIABILITY COMPANY.

BY: GRACE INVESTMENTS COMPANY
AN ARIZONA CORPORATION.

ITS: MANAGER.

BY: _____

ITS: _____

ACKNOWLEDGEMENT

STATE OF ARIZONA } S.S.
COUNTY OF MARICOPA }

BEFORE ME THIS _____ DAY OF _____, 2018 THE UNDERSIGNED NOTARY, WHO ACKNOWLEDGED HIMSELF TO BE HOWARD T. GRACE AS PRESIDENT OF GRACE INVESTMENT COMPANY, AS SOLE MANAGER OF BELL ROAD & 303, LLC, A DELAWARE LIMITED LIABILITY COMPANY THE OWNER OF THE PROPERTY PLATTED HEREON AND ACKNOWLEDGED THAT HOWARD T. GRACE AS PRESIDENT EXECUTED THIS INSTRUMENT FOR THE PURPOSES HEREIN CONTAINED.

IN WITNESS WHEREOF, I HEREUNTO SET MY HAND AND OFFICIAL SEAL.

NOTARY PUBLIC _____ EXPIRES _____

RELEASE OF LIABILITY

BELL ROAD AND 303, LLC (OWNER) DOES HEREBY (1) RELEASE AND DISCHARGE THE UNITED STATES OF AMERICA DEPARTMENT OF THE AIR FORCE (USAF) AND THE CITY OF SURPRISE, AND (2) INDEMNIFY, DEFEND, AND HOLD HARMLESS THE CITY OF SURPRISE, OF AND FROM ANY LIABILITY FOR ANY AND ALL CLAIMS FOR DAMAGES OF ANY KIND TO PERSONS OR PROPERTY THAT MAY ARISE AT ANYTIME IN THE FUTURE OVER, OR IN CONNECTION WITH AIRCRAFT OVERFLIGHTS FROM AIRCRAFT UTILIZING LUKE AIR FORCE BASE, WHETHER SUCH DAMAGE SHALL ORIGINATE FROM NOISE, VIBRATION, FUMES, DUST, FUEL AND LUBRICANT PARTICLES, AND ALL OTHER EFFECTS THAT MAY BE CAUSED BY THE OPERATION OF AIRCRAFT LANDING AT, OR TAKING OFF FROM, OR OPERATING AT OR ON LUKE AIR FORCE BASE AND ITS AUXILIARY FIELDS. THIS INSTRUMENT SHALL RUN WITH THE LAND AND BE BINDING UPON OWNER AND ITS HEIRS, ASSIGNS, AND SUCCESSORS IN INTEREST TO THIS PLAT OR ANY PARCEL OR LOT THEREOF. THIS INSTRUMENT DOES NOT RELEASE THE USAF FROM LIABILITY FOR DAMAGE OR INJURY TO PERSON OR PROPERTY CAUSED BY FALLING AIRCRAFT OR FALLING PHYSICAL OBJECTS FROM AIRCRAFT, EXCEPT AS STATED HEREIN WITH RESPECT TO NOISE, FUMES, DUST, FUEL, AND LUBRICANT PARTICLES.

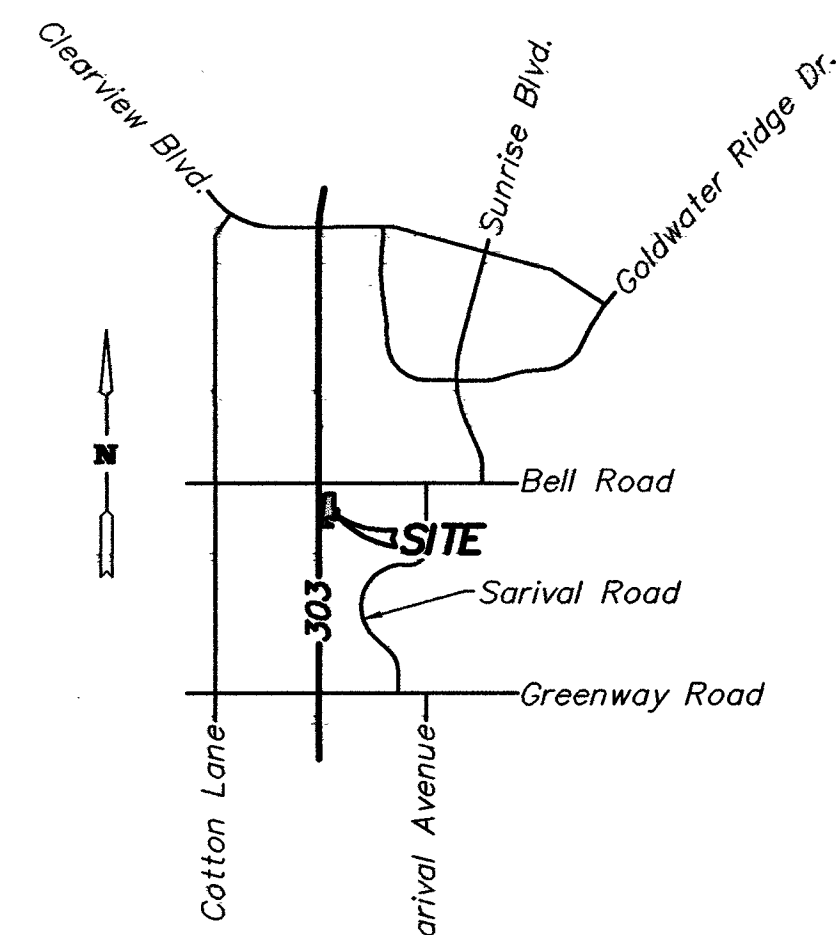
NOTES

1. SHARED ACCESS AND CROSS ACCESS IS STATED IN THE CONDITIONS COVENANTS AND RESTRICTIONS SECTIONS 5 AND 5.1 OF DOC. NO. 2006-1658065, MCR.
2. THE PROPERTY IS LOCATED WITHIN AN AREA HAVING FLOOD ZONE DESIGNATION "X" BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, ON FLOOD INSURANCE RATE MAP NO. 040130220L WITH A DATE OF IDENTIFICATION OF OCTOBER 16, 2013 FOR COMMUNITY NO. 040053, IN MARICOPA COUNTY, STATE OF ARIZONA, WHICH IS THE CURRENT FLOOD INSURANCE RATE MAP FOR THE COMMUNITY IN WHICH SAID PROPERTY IS SITUATED.

CERTIFICATION

I, DENNIS F. KEOGH, HEREBY CERTIFY THAT I AM A REGISTERED LAND SURVEYOR IN THE STATE OF ARIZONA, THAT THIS MAP, CONSISTING OF 1 SHEET CORRECTLY REPRESENTS A BOUNDARY SURVEY MADE UNDER MY SUPERVISION DURING THE MONTH OF AUGUST, 2018 THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN, MEETS THE MINIMUM STANDARDS FOR ARIZONA LAND BOUNDARY SURVEYS, ALL MONUMENTS SHOWN ACTUALLY EXIST AS SHOWN, THEIR POSITIONS ARE CORRECTLY SHOWN AND THAT SAID MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

BY: D. F. Keogh 10846 10/12/18
REGISTERED LAND SURVEYOR REGISTRATION NO. DATE



VICINITY MAP
Not to Scale

OWNER

BELL ROAD & 303, LLC
C/O W.M. GRACE COMPANIES
6925 EAST INDIAN SCHOOL ROAD
SCOTTSDALE, ARIZONA 85251
CONTACT: JOHN DORSETT
PHONE: 602-956-8254
EMAIL: JDORSETT@WMGRACECO.COM

SURVEYOR

KEOGH ENGINEERING INC.
650 NORTH 137TH AVENUE
SUITE 110
GOODYEAR, ARIZONA 85338
PHONE: 623-535-7260
CONTACT: DENNIS KEOGH

BASIS OF BEARINGS

N89°23'35"W ALONG THE NORTH LINE OF THE NORTHEAST QUARTER OF SECTION 1, TOWNSHIP 3 NORTH, RANGE 2 WEST, GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA PER BOOK 1118 OF MAPS, PAGE 15, MCR

TOTAL SITE AREA

230,759 S.F.=5.297 Acres

ASSESSOR'S PARCEL NO.

APN 501-12-941

REFERENCE DOCUMENTS

1. MEMORANDUM OF LEASE RECORDED IN DOCUMENT NO. 2018-0042056, MCR, BETWEEN BELL ROAD & 303, LLC AND FITNESS INTERNATIONAL, LLC.
2. FINAL PLAT OF SURPRISE VILLAGE MARKETPLACE RECORDED IN BOOK 1118 OF MAPS, PAGE 15, MCR.
3. SPECIAL WARRANTY DEED RECORDED IN DOCUMENT NO. 2006-1658063, MCR.

PUBLIC NOTICE

THE PARCELS DEPICTED ON THIS PLAT ARE LOCATED WITHIN THE VICINITY OF LUKE AIR FORCE BASE AND MAY BE SUBJECT TO OVERFLIGHTS BY JET AIRCRAFT. ALL STRUCTURES WITHIN THIS PLAT SHALL BE CONSTRUCTED IN COMPLIANCE WITH THE SOUND ATTENUATION STANDARDS ADOPTED BY THE CITY OF SURPRISE. A MAP DEPICTING THE 1988 MAG NOISE CONTOUR LINES IN RELATION TO THIS PLAT SHALL BE DISPLAYED IN ALL SALES OFFICES. ADDITIONAL INFORMATION MAY BE OBTAINED BY CONTACTING THE CITY OF SURPRISE COMMUNITY DEVELOPMENT DEPARTMENT.

APPROVAL

CITY OF SURPRISE ENGINEER APPROVAL

DATA ON THIS PLAT REVIEWED AND APPROVED THIS _____ DAY OF _____, 2018 BY THE ENGINEER OF SURPRISE, ARIZONA.

APPROVED: _____ CITY ENGINEER DATE _____

CITY OF SURPRISE COUNCIL APPROVAL

APPROVED BY THE CITY COUNCIL OF THE CITY OF SURPRISE, ARIZONA THIS DAY OF _____, 2018

APPROVED: _____ MAYOR DATE _____

ATTEST: _____ CITY CLERK DATE _____

LEGEND

- APN
- MCR
-
-
- ASSESSOR'S PARCEL NUMBER
- MARICOPA COUNTY RECORDER
- SURVEY MONUMENT
- PROPERTY BOUNDARY CORNER (SET 1/2" REBAR WITH CAP L510846)
- PROPERTY LINE
- STREET CENTERLINE
- ADJACENT LOT OR R/W
- EASEMENT LINE



FINAL PLAT
FOR
"BELL ROAD & 303, LLC"

Keogh Engineering, Inc.
650 N. 137TH AVE. #110 • GOODYEAR, ARIZONA 85338
PHONE: (623) 535-7260
EMAIL: keogh@keoghenr.com
JOB NO. 21355 MAP NO. E-21355

SHEET 1 OF 1
NO. LOTS = 2
GROSS AREA: 5.297 Ac.



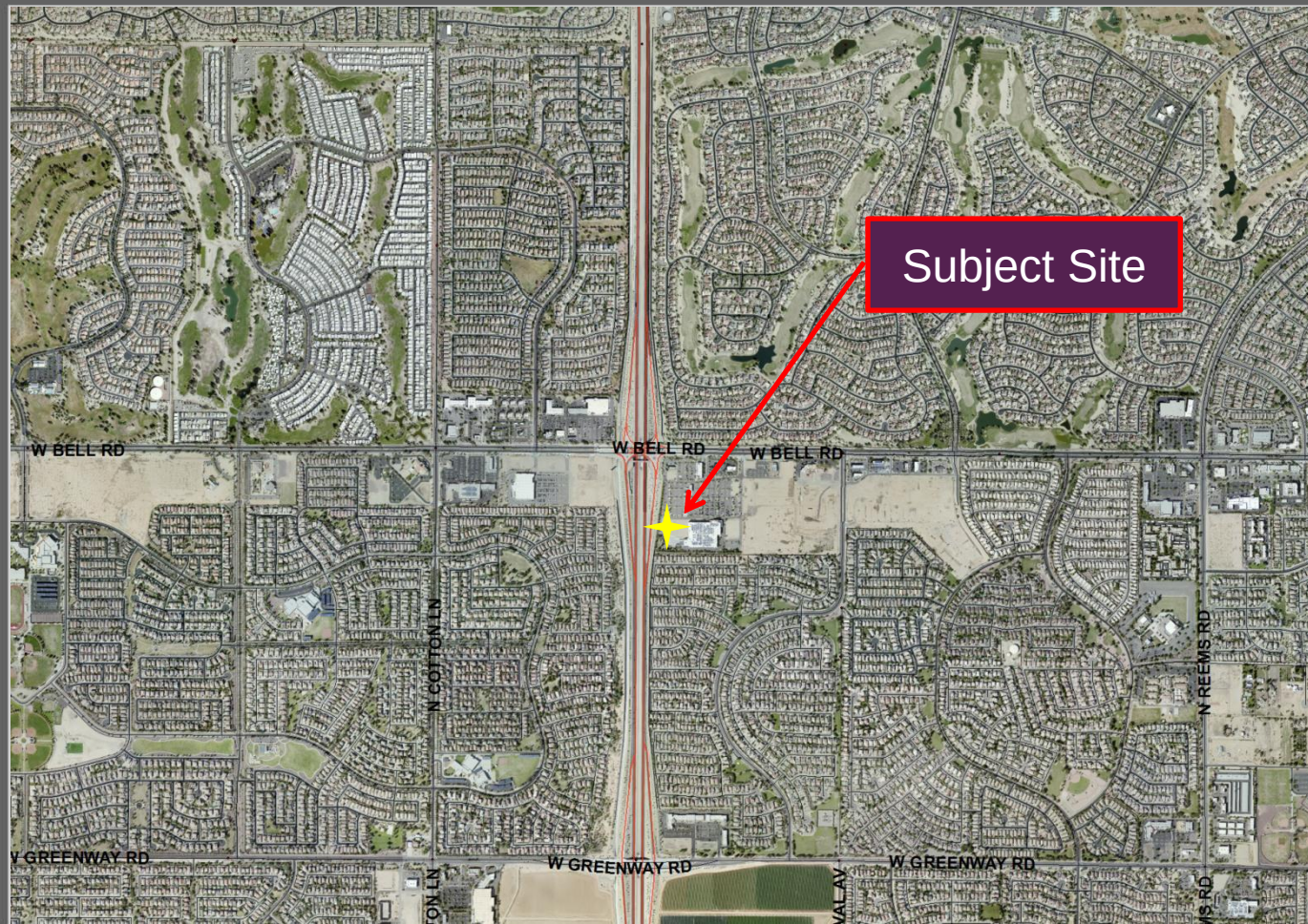
SURPRISE

ARIZONA

City Council

November 06, 2018

FS18-411 – Bell Road & 303 Re-Plat



Subject Site

FS18-411 Vicinity Map



SURPRISE
ARIZONA

**QUESTIONS OR
COMMENTS?**

Thank You



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date:	November 6, 2018	Contact Person:	Brian Carmichael
Submitting Department:		District:	Citywide
Staff Recommendations:	Approve		

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to authorizing submission of the Request for Exemption from posting statutory deposit to the Industrial Commission of Arizona.

Motion:

I move to approve and authorize submission of the Request for Exemption from Requirement to Post Statutory Deposit to the Industrial Commission of Arizona.

Background:

On January 30, 2017, Council approved by Resolution #2017-003 the funding of a self-insured workers' compensation program. With this approval comes certain regulatory compliance measures in addition to an annual application to the Industrial Commission of Arizona requesting authority to self-insure. In lieu of posting securities for outstanding workers' compensation liabilities, Arizona Administrative Code R-20-5-1114, affords public entities the opportunity to request waiver of security deposit. This waiver is considered by application to the Industrial Commission of Arizona and requires signature from the majority of Council, requesting such exemption be granted.

Objective Analysis:

This Action is to obtain consent from Council to submit an exemption letter to the State of Arizona Industrial Commission, seeking approval to waive the requirement to post a security deposit for outstanding workers' compensation liabilities.

Policy Compliant:

The action requested complies with all applicable statutes and codes and furthers the City Council's continuing agenda to be fiscally responsible and proactive.

Financial Impact:

The transition of the workers' compensation program has resulted in approximate savings of \$1.2m in FY18.

Budget Impact:

This requested action aims to avoid posting of statutory securities; thus, preserving contingency funds held within the Workers' Compensation Trust.

FTE Impact:

No FTE impact associated with this action.

ATTACHMENTS:

Click to download

[Request for Exemption to Post Statutory Deposit](#)



Risk Management
16000 N. Civic Center Plaza
Surprise, AZ 85374-7470
Phone: 623-222-3531
Fax: 623-222-3501

City of Surprise

COUNTY OF MARICOPA

I, Sherry Aguilar, City Clerk of the City of Surprise, Maricopa County, within the State of Arizona, do hereby attest that the attached is the original Request for Exemption from Requirement to Post Statutory Deposit for the City of Surprise in accordance with the Arizona Administrative Code and for its Self-insured Workers' Compensation Program, has been duly approved and signed by the City Council on_____.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the official seal of the City of Surprise to be affixed hereunto this_____day of November 2018.

Sherry Aguilar, City Clerk of the City of Surprise

Request for Exemption from Requirement to Post Statutory Deposit

Pursuant to the Arizona Administrative Code, subsection R20-5-1114 (A & B), this document constitutes a certified statement from the City of Surprise, an Arizona Municipality, duly qualified and authorized Arizona Workers' Compensation Self-insurer.

The City of Surprise hereby requests the Industrial Commission of Arizona (ICA) approve an alternate (exemption) from the positing of a statutory deposit, of which the current approved types are as follows: Letter of credit; a surety bond; U.S. Treasury notes or establishing a local government investment pool (LGIP) account. This request is made in accordance with A.A.C. R20-5-1114 and shall cover the City of Surprise unpaid Workers' Compensation claims liability, as outlined in the foregoing statement.

The City of Surprise, Arizona states:

1. The City of Surprise has established a self-insurance trust pursuant to A.R.S. 11-981 (A-F), Section 4-4 of the Surprise Arizona Code of Ordinances, and expressed authorization by the Surprise City Council.
2. The City of Surprise shall conduct an actuary report on an annual basis. The City will attempt to maintain a Workers' Compensation Trust Fund reserve fund balance equivalent to 85% confidence interval of the projected total outstanding claims liability as recommended by the Workers' Compensation Trust. The fund balance will comply with the exemption mandate and not fall below the actuary recommended funding levels of 50-55 percent of the ultimate liability.
3. The Workers' Compensation Trust Fund is sufficient to cover actuarial liabilities for workers' compensation as determined by the self-insurer in accordance with Government Accounting Standards Board Statement #10 (replaced by GASB No. 34); and
4. The City of Surprise provides funding to the Workers' Compensation Trust Fund established pursuant to A.R.S. 11-981 (A-F) each year. The amount held for workers' compensation purposes within the trust is sufficient to cover actuarial liabilities for workers' compensation claims as determined by the self-insurer's actuary in accordance with Government Accounting Standards Board Statement #10 (replaced by GASB No. 34).
5. The City's governing body, or designee, shall immediately notify the ICA and provide security as provided by and in this Article, if the governing body, or designee, learns that the Workers' Compensation Trust Fund has insufficient funds to cover all workers' compensation liabilities of the City of Surprise.
6. Pursuant to items 1 through 4, the City of Surprise meets the conditions required under A.R.S. 11-981 (A-F) and the Arizona Administrative Code, Subsection R20-5-1114 (A&B).
7. The Signatures below represent a majority of the governing body (City Council) members.

Signed _____ Date _____

Signed _____ Date _____

Signed _____ Date _____

Signed _____ Date _____

Signed _____ Date _____

Signed _____ Date _____

Signed _____

Date _____



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date: November 6, 2018 Contact Person: Lisa Angelini, Human Resources
Submitting Department: District: Internal
Staff: None
Recommendations:

Consent	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to approval of an Employment Agreement with Michael Frazier appointing him City Manager pursuant to Surprise Municipal Code Sec. 2-120.

Motion:

I move to approve the City Manager Employment Agreement with Michael Frazier for the position of City Manager.

Background:

With the resignation of current City Manager, Bob Wingenroth, this action will allow the council to appoint a replacement. The negotiated contract provides for a base salary of \$230,000 annually and no other compensable factors or severance package. Mr. Frazier will receive all benefits, including stipends and reimbursable expenses, on the same basis as non-represented City employees in accordance with the City's ordinances, policies and procedures. Notwithstanding the above, Mr. Frazier will accrue paid time off (PTO) at a rate of 10.77 hours per pay period (280 hours per year) and be provisioned with transportation under the same terms and conditions Employee was afforded as an Assistant City Manager.

Objective Analysis:

Appointment will result in an uninterrupted transition of management.

Policy Compliant:

This action is consistent with Surprise Municipal Code Section 2-120 which requires appointment of the City Manager by contract.

Financial Impact:

The proposed agreement will result in a salary of \$230,000 annually which is the amount approved by City Council for the former City Manager on 9/18/18.

Budget Impact:

The expenditure will increase the departments ongoing operating expenditures. This increase will be included in the FY2020 budget and FY2019 may require a year end budget amendment.

FTE Impact:

This item does not impact the full-time position count.

ATTACHMENTS:

Click to download

[City Manager Employment Agreement - Frazier](#)

City Manager Employment Agreement

THIS AGREEMENT, between the Mayor and Council of the City of Surprise Arizona ("City") and Michael Frazier ("Employee"), is authorized by Ariz. Rev. Stat. §9-271, entered into pursuant to Surprise Municipal Code §§ 2-120 and 2-121, and shall commence ("Effective Date") without further action immediately upon the departure of the current City Manager. The following sets forth the duties and responsibilities of the Parties:

1. Upon the Effective Date of this Agreement, Employee will perform all duties of the position of City Manager for the City as set forth in the Surprise Municipal Code, using reasonable care, diligence, skill, and expertise to fulfill Employee's role as City Manager.
2. Employee agrees to devote such time as is necessary for the full and proper performance of the Employee's duties, including work outside normal business hours, and to perform such duties exclusively for the City of Surprise.
3. The City will formally evaluate the performance of Employee on an annual basis, defining such goals and performance objectives as deemed necessary.
4. The City supports Employee's desire to maintain a Servant Leadership Model throughout the organization, the primary principles of which are set forth in the attached Ten Principles of Servant Leadership by Robert Greenleaf. City agrees to make available the resources Employee needs to maintain this model.
5. Beginning the first pay period after the Effective Date of this Agreement, City will pay Employee a biweekly salary of \$8,846.15 (\$230,000 per year) in accordance with the normal and usual procedure for payment of employees by the City. Salary will be adjusted annually on the same basis as non-represented employees, consistent with City's compensation policies (e.g. performance pay, market adjustments, cost of living adjustments, etc.) as approved by the City Council as part of the annual budget process. This Agreement will be automatically amended to reflect any such salary adjustments.
6. Employee will receive all benefits, including stipends and reimbursable expenses, on the same basis as non-represented City employees in accordance with the City's ordinances, policies and procedures. Notwithstanding the above, Employee will accrue paid time off (PTO) at a rate of 10.77 hours per pay period (280 hours per year) and be provisioned with transportation under the same terms and conditions Employee was afforded as an Assistant City Manager.
7. The Parties understand and agree that Employee serves at the pleasure of the Mayor and Council and that either party may terminate this Agreement at any time and for any reason upon 30 day written notice delivered in person or by mail to:

Mayor, City of Surprise
16000 N. Civic Center Plaza
Surprise, Arizona 85374

Michael Frazier,
16000 N. Civic Center Plaza
Surprise, Arizona 85374

Notice under this section is for the benefit of the City and can be waived, in whole or in part, by the City. Upon notice of termination under this section, the Parties will agree upon an appropriate plan to transition to new organizational leadership.

8. To the extent permitted by law, City agrees to defend, hold harmless and indemnify Employee from all demands, claims, suits, acts, errors or other omissions in legal proceedings brought against Employee in the Employee's official capacity; or individually as long as the action is determined to be within the scope of employment. Should any acts, errors, or other alleged omissions be determined to be outside the scope of employment, the City may elect not to defend, hold harmless or indemnify.

9. This Agreement constitutes the entire agreement between parties, and both parties acknowledge that there are no other agreements, oral or otherwise. This Agreement cannot be amended or modified without the written concurrence of both parties, except as specifically set forth herein.

10. This Agreement will be interpreted in accordance with the law of the State of Arizona. If any provision or portion of this Agreement is held to be unconstitutional, invalid or unenforceable, the remaining portion will remain unaffected, and City and Employee will enter into negotiations to correct the Agreement's defect in order to assure the intent of the Agreement is carried out to the fullest extent possible.

11. Each Party has had opportunity to consult legal counsel for advice regarding the drafting of this Agreement and the provisions of this Agreement may not be construed against or in favor of either party.

IN WITNESS WHEREOF, the parties have caused this Agreement to be signed and executed as of this ____ day of _____.

City of Surprise

Employee

Mayor Sharon Wolcott

Michael Frazier

Approved as to Form:

City Attorney

Ten Principles of Servant Leadership

By Robert Greenleaf

Listening - Traditionally, leaders have been valued for their communication and decision making skills. Servant-leaders must reinforce these important skills by making a deep commitment to listening intently to others. Servant-leaders seek to identify and clarify the will of a group. They seek to listen receptively to what is being said (and not said). Listening also encompasses getting in touch with one's inner voice, and seeking to understand what one's body, spirit, and mind are communicating.

Empathy - Servant-leaders strive to understand and empathize with others. People need to be accepted and recognized for their special and unique spirit. One must assume the good intentions of coworkers and not reject them as people, even when forced to reject their behavior or performance.

Healing - Learning to heal is a powerful force for transformation and integration. One of the great strengths of servant-leadership is the potential for healing one's self and others. In "The Servant as Leader", Greenleaf writes, "There is something subtle communicated to one who is being served and led if, implicit in the compact between the servant-leader and led is the understanding that the search for wholeness is something that they have."

Awareness - General awareness, and especially self-awareness, strengthens the servant-leader. Making a commitment to foster awareness can be scary—one never knows that one may discover! As Greenleaf observed, "Awareness is not a giver of solace – it's just the opposite. It disturbs. They are not seekers of solace. They have their own inner security."

Persuasion - Servant-leaders rely on persuasion, rather than positional authority in making decisions. Servant-leaders seek to convince others, rather than coerce compliance. This particular element offers one of the clearest distinctions between the traditional authoritarian model and that of servant-leadership. The servant-leader is effective at building consensus within groups.

Conceptualization - Servant-leaders seek to nurture their abilities to "dream great dreams." The ability to look at a problem (or an organization) from a conceptualizing perspective means that one must think beyond day-to-day realities. Servant-leaders must seek a delicate balance between conceptualization and day-to-day focus.

Foresight - Foresight is a characteristic that enables servant-leaders to understand lessons from the past, the realities of the present, and the likely consequence of a decision in the future. It is deeply rooted in the intuitive mind.

Stewardship - Robert Greenleaf's view of all institutions was one in which CEO's, staff, directors, and trustees all play significance roles in holding their institutions in trust for the great good of society.

Commitment to the Growth of People - Servant-leaders believe that people have an intrinsic value beyond their tangible contributions as workers. As such, servant-leaders are deeply committed to a personal, professional, and spiritual growth of each and every individual within the organization.

Building Community - Servant-leaders are aware that the shift from local communities to large institutions as the primary shaper of human lives has changed our perceptions and has caused a feeling of loss. Servant-leaders seek to identify a means for building community among those who work within a given institution.

2. District Citywide [Consideration and action pertaining to approval of a fiscal year 2018 budget amendment reallocating appropriations from various funds required to close the fiscal year 2018 budget and inter-fund cash transfers and loans for "2018" #resolution\\$ 2018-%%](#) &one 'ndrea Davis(inance Director
3. District *nternal [Consideration and action pertaining to approval of an amendment to the fiscal year 201+ budget by reallocating appropriations of \\$100 from Contingency within the Grants Fund and authorizing acceptance of a grant from the U.S. Bureau of Justice Assistance 423 ' 5 Bulletproof Vest Partnership 42675 to purchase bulletproof vests for Surprise Police Officers" #resolution \\$ 2018-19\).](#) 'pprove : i;e Donovan(Police
4. District = [Consideration and action declaring the City's intention to enlarge the territory of the Marley Park Phase 1 Lighting Improvement District pursuant to "1. 18-919" #resolution \\$ 2018-1<.](#) &one @arl Aoo;(7ublic Bor;s Department
5. District = [Consideration and action declaring the City's intention to enlarge the territory of the City of Surprise Sun City Land Lighting Improvement District &0. 2 pursuant to "1. 18-919" #resolution \\$ 2018-1<2.](#) &one @arl Aoo;(7ublic Bor;s Department
6. District Citywide [Consideration and action pertaining to approval of an amendment to the fiscal year 201+ budget by reallocating appropriations of \\$900 from Solid Waste Contingency to Public Works Solid Waste Salaries\(Supplies\(Services and Capital" ,900 from Grant Contingency to Information Technology General Fund operations associated with increased operational costs" and amending the Capital and Operating List of items over \\$90000" #resolution \\$ 2018-1<+.](#) &one : i;e .ent(7B Director
7. District *nternal [Consideration and action pertaining to an amendment of the fiscal year 201+ budget by reallocating appropriations of \\$989,900 from Water Resource Management 4B # : 5 department\(Finance utility billing division and Information Technology by adding one water conservation specialist\(one Supervisory Control and Data Acquisition 41C ' D ' 5 instrumentation technician\(and increasing capital project 7--12<0 for "201+ by \\$90000" #resolution \\$2018-1=0.](#) &one Cerry ?owe(Bater #esource : anagement Director
8. District Citywide [Consideration and action pertaining to approval of the Intergovernmental Agreement 4* . 5between Maricopa County and the City of Surprise for Regional Emergency Operations : anagement and Disaster Services" #resolution \\$2018-1-0.](#) &one ire Chief(Com ' bbott
9. District *nternal [Consideration and action pertaining to an amendment to the fiscal year 2018 budget by reallocating appropriations of \\$9200 within the Grants and Contingency Fund in order to accept two grants from the State of Arizona Department of Homeland Security 4 ' AD8F15 to support the Fire- Medical](#) &one ire Chief(Com ' bbott

Department's CBRNE (Chemical, Biological, Radiological, Nuclear and Explosives) Sustainment initiatives and CERT (Community Emergency Response Team) Program; Resolution # 2018-173.

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|---|-------------------|--|--|
| 10. | District 1 | <u>Consideration and action pertaining to approval of the Final Plat entitled, "Rancho Mercado Parcel A17" dated March 28, 2018, a property generally located in Rancho Mercado south and east of the Yearling Road and Rancho Mercado Parkway alignments.</u> | Approve
Robert
Kuhfuss -
Community
Development |
| 11. | District 1 | <u>Consideration and action pertaining to approval of the Final Plat entitled, "Rancho Mercado Parcel A19" dated August 10, 2018, a property generally located in Rancho Mercado south and east of the Yearling Road and Rancho Mercado Parkway alignment.</u> | Approve
Robert
Kuhfuss -
Community
Development |
| 12. | District Citywide | <u>Consideration and action on the meeting minutes of October 16, 2018 Regular City Council Work Session, Regular City Council Meeting and Executive Session.</u> | None
Sherry Ann
Aguilar,
City Clerk |
| 13. | District 5 | <u>Consideration and action to approve a request by Gregory Patrick Hall, II (Agent) for a Series 12 liquor license for AZFRYGUY, LLC, located at 15226 W. Bell Road, #100, Surprise, AZ. 85374.</u> | None
Sherry Ann
Aguilar,
City Clerk |
| 14. | District Internal | <u>Consideration and action to approve the 2019 Council Work Session and Regular Council Meeting Schedule.</u> | None
Sherry Ann
Aguilar,
City Clerk |
| 15. | District 1 | <u>Consideration and action pertaining to approval of the Final Plat entitled, "Bell Road & 303, LLC" dated October 12, 2018, a 5.3 acre property generally located on the southeast corner of Bell Road and Loop 303.</u> | Approve
Robert
Kuhfuss |
| 16. | District Citywide | <u>Consideration and action pertaining to authorizing submission of the Request for Exemption from posting statutory deposit to the Industrial Commission of Arizona.</u> | Approve
Brian
Carmichael |
| Regular Agenda Item - Non-Public Hearing: | | | |
| 17. | District Internal | <u>Consideration and action pertaining to approval of an Employment Agreement with Michael Frazier appointing him City Manager pursuant to Surprise Municipal Code Sec. 2-120.</u> | None
Lisa
Angelini,
Human
Resources |
| 18. | District 4 | <u>Consideration and action pertaining to approval of the purchase of approximately 0.59 acres of unimproved real property within the Original Townsite commonly known as 16009 N. Nash Street, Surprise, Arizona for \$116,000.00; Resolution # 2018-180.</u> | Approve
Eric Fitzer -
Community
Development |
| 19. | District 1 | <u>Discussion and action pertaining to approval of an amendment to the Fiscal Year 2019 Budget by reallocating appropriations in an</u> | None
Bob |

		<u>amount not to exceed \$145,000 from contingency within the Grants Fund to the General Capital Projects Fund and Community Recreational Services Department General Fund; and amending the capital and operating list of items over \$50,000 for the purpose of installing lights and the associated annual operational costs for Dick McComb Dog Park; Resolution # 2018-175.</u>	Wingenroth, City Manager
20.	District 1	<u>Consideration and action to reallocate appropriations from Roads of Regional Significance contingency to create a new capital project (P61530) to design and acquire the necessary right of way (ROW) for the intersection of 163rd Avenue and Jomax road, Resolution 2018-166.</u>	None Karl Zook Public Works Assistant Director
21.	District 1	<u>Consideration and action pertaining to the approval of the SPA3 Regional Wastewater Treatment Plant Capacity Allocation Agreement between the City of Surprise and Klondike Land Portfolio, LLC, Surprise Foothills Master, LLC, Mesquite Mountain Ranch Investments, LLC, and Buena Visa Holding, LLC; Resolution #2018-177.</u>	None Terry Lowe, Water Resource Management
22.	District 4	<u>Consideration and action pertaining to the City of Surprise entering into an Intergovernmental Agreement with the Housing Authority of Maricopa County in support of additional affordable housing in Surprise.</u>	None Seth Dyson, HSCV Director
23.	District 4	<u>Consideration and action pertaining to the City of Surprise entering into a Ground Lease Agreement with the Housing Authority of Maricopa County in support of additional affordable in Surprise.</u>	None Seth Dyson, HSCV Director

J. Other Business and Future Agenda Items:

K. Mayor/Council Reports:

L. Executive Session:

For information Purposes; Upon a public majority vote of a quorum of the City Council, the Council may hold an executive session, which will not be open to the public, but for only the following purposes:

- discussion or consideration of personnel matters (A.R.S. §38-431.03 (A)(1));
- discussion or consideration of records exempt by law from public inspection (A.R.S. §38-401.03 (A)(2));
- discussion or consultation for legal advice with the city's attorneys (A.R.S. §38-431.03 (A)(3));
- discussion or consultation with the city's attorneys regarding the city's position regarding contracts that are the subject of negotiations, in pending or contemplated litigation, or in settlement discussions conducted in order to avoid or resolve litigation (A.R.S. §38-431.03 (a)(4));
- discussion or consultation with designated representatives of the city in order to consider its position and instruct its representatives regarding negotiations with employee organizations (A.R.S. §38-431.03 (A)(5)); or

- discussion, consultation or consideration for international and interstate negotiations or for negotiations by a city or town, or its designated representatives, with members of a tribal council, or its designated representatives, of an Indian reservation located within or adjacent to the city or town. A.R.S. §38-401.03 (A)(6)).
- discussing or consulting with designated representatives of the city in order to consider its position and instruct its representatives regarding negotiations for the purchase, sale or lease of real property (A.R.S. §38-431.03 (A)(7)).

Confidentiality Requirements Pursuant to A.R.S. §38-431.03(C)(D): Any person receiving executive session information pursuant to A.R.S. §38-431.02 shall not disclose that information except to the Attorney General or County Attorney by agreement of the City Council, or as otherwise ordered by a court of competent jurisdiction.

The council may vote to hold an executive session for the purpose of obtaining legal advice from the Board's attorney on any matter listed on the agenda pursuant to A.R.S. § 38-431.03(A)(3).

M. Adjournment:

SHERRY ANN AGUILAR, CITY CLERK, MMC

POSTED:

SPECIAL NOTE: PERSONS WITH SPECIAL ACCESSIBILITY NEEDS, INCLUDING LARGE PRINT MATERIALS OR INTERPRETER, SHOULD CONTACT THE CITY CLERK'S OFFICE @ 623.222.1200 OR TTY 623.222.1002, BY NO LATER THAN 24 HOURS IN ADVANCE OF THE REGULAR SCHEDULED MEETING TIME.



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

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Council Meeting Date:	November 6, 2018	Contact Person:	Andrea Davis, Finance
Submitting Department:		District:	Internal
Staff	None		
Recommendations:			

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to approval of an amendment to the Fiscal Year 2019 Budget by reallocating appropriations in personnel services for changes to the labor distribution practices and overtime; Resolution # 2018-148.

Motion:

I move to approve Resolution # 2018-148.

Background:

Various departments throughout the city require Fire/Medical and Police Department staffing for special events. Labor distribution allowed planned budgeted overtime expenses for these events which in turn would eventually be transferred from the originating department (Fire/Medical and Police) and charged to the department utilizing the services.

Objective Analysis:

In an effort to reduce staff time used to make these transfers, it was decided there is no longer a need for these transfers if the originating department is budgeted with the estimated overtime needed to cover these overtime expenses.

Policy Compliant:

This action is compliant with City and Council policy.

Financial Impact:

\$142,400 in labor distribution for overtime for special events has been budgeted throughout various departments and will be reallocated to the Police and Fire/Medical Department.

Budget Impact:

\$142,400 will be reallocated from labor distributions in personnel services (\$1,800 from Human Services and Community Vitality General Fund, \$35,600 from Community and Recreation Services General Fund, \$89,000 from Sports and Tourism Department Spring Ticket Surcharge Fund, and \$16,000 from Sports and Tourism Department Sports and Tourism Fund to the Fire/Medical Department in the amount of \$56,700 and to the Police Department in the amount of \$85,700). A reallocation in the amount of \$14,000 from the Police overtime fund to Fire/Medical overtime fund and \$89,000 of supplies and services from the Sports and Tourism Fund to the Spring Training Ticket Surcharge Fund. These allocations do not represent an actual transfer of funds, but only a transfer of spending authority and does not increase or decrease the total budget.

FTE Impact:

This item does not impact the overall full-time equivalent count.

ATTACHMENTS:

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[Resolution 2018-148](#)



CITY OF SURPRISE
Regular City Council Meeting Agenda
16000 N. Civic Center Plaza
Surprise, AZ 85374

Tuesday, November 6, 2018 @ 6:00 PM
COUNCIL CHAMBERS

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- A. Call To Order
- B. Roll Call
- C. Pledge of Allegiance
- D. PROCLAMATION AND COMMUNITY ACKNOWLEDGEMENTS
- E. City Manager Report:
- F. City Attorney Report:
- G. City Clerk Report:
- H. Call To The Public:

INSTRUCTIONS: In order to address the City Council, you will need to fill out a Call to the Public Form available at the front counter, and then turn it in to the City Clerk before the meeting begins.

[Download the Call to the Public form](#) (PDF download requires [Adobe Acrobat Reader](#))

[Fill out the Call to the Public form online](#) If submitting form electronically, please submit to City Clerk at least one hour before the meeting start time.

The Call to the Public form is also available at the front counter.

Note: A.R.S. 38-431.01(H)- During this time members of the public may address City Council only on issues within the jurisdiction of the City Council which are not an item on the agenda. At the conclusion of the open call, City Council may respond to criticism, may ask staff to review the matter or may ask that the matter be put on a future agenda. No discussion or action shall take place on any item raised.

Approval of items on the Consent Agenda – all items with an asterisk (*) are considered to be routine matters and will be enacted by one motion and one roll call vote to the City Council. There will be no separate discussion on these items unless a Councilmember requests, in which event the item will be removed from the consent agenda and considered in its normal sequence on the agenda.

I. Regular City Council Meeting Agenda:

Consent Agenda:

- | | | |
|----------------------|--|----------------------------------|
| 1. District Internal | Consideration and action pertaining to approval of an amendment to the Fiscal Year 2019 Budget by reallocating appropriations in personnel services for changes to the labor distribution practices and overtime; Resolution # 2018-148. | None
Andrea Davis,
Finance |
|----------------------|--|----------------------------------|

- | | | | |
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| 2. | District Citywide | <u>Consideration and action pertaining to approval of a fiscal year 2018 budget amendment reallocating appropriations from various funds required to close the fiscal year 2018 budget and inter-fund cash transfers and loans for FY2018; Resolution# 2018-XX</u> | None
Andrea Davis,
Finance Director |
| 3. | District Internal | <u>Consideration and action pertaining to approval of an amendment to the Fiscal Year 2019 budget by reallocating appropriations of \$7,100 from Contingency within the Grants Fund and authorizing acceptance of a grant from the U. S. Bureau of Justice Assistance (BJA) Bulletproof Vest Partnership (BVP) to purchase bulletproof vests for Surprise Police Officers; Resolution # 2018-163.</u> | Approve
Mike Donovan,
Police |
| 4. | District 5 | <u>Consideration and action declaring the City's intention to enlarge the territory of the Marley Park Phase 4 #140 Lighting Improvement District pursuant to A.R.S. 48-616; Resolution # 2018-144.</u> | None
Karl Zook,
Public Works Department |
| 5. | District 5 | <u>Consideration and action declaring the City's intention to enlarge the territory of the City of Surprise Sun City Grand Lighting Improvement District No. 2 pursuant to A.R.S. 48-616; Resolution # 2018-142.</u> | None
Karl Zook,
Public Works Department |
| 6. | District Citywide | <u>Consideration and action pertaining to approval of an amendment to the Fiscal Year 2019 budget by reallocating appropriations of \$640,400 from Solid Waste Contingency to Public Works Solid Waste Salaries, Supplies, Services and Capital; \$600 from Grant Contingency to Information Technology General Fund operations associated with increased operational costs; and amending the Capital and Operating List of items over \$50,000; Resolution # 2018-149.</u> | None
Mike Gent,
PW Director |
| 7. | District Internal | <u>Consideration and action pertaining to an amendment of the Fiscal Year 2019 budget by reallocating appropriations of \$686,600 from Water Resource Management (WRM) department, Finance utility billing division and Information Technology by adding one water conservation specialist, one Supervisory Control and Data Acquisition (SCADA) instrumentation technician, and increasing capital project P-71240 for FY2019 by \$430,000; Resolution #2018-150.</u> | None
Terry Lowe,
Water Resource Management Director |
| 8. | District Citywide | <u>Consideration and action pertaining to approval of the Intergovernmental Agreement (IGA) between Maricopa County and the City of Surprise for Regional Emergency Operations Management and Disaster Services; Resolution #2018-170.</u> | None
Fire Chief,
Tom Abbott |
| 9. | District Internal | <u>Consideration and action pertaining to an amendment to the Fiscal Year 2018 budget by reallocating appropriations of \$46,200 within the Grants and Contingency Fund in order to accept two grants from the State of Arizona Department of Homeland Security (AZDOHS) to support the Fire-Medical</u> | None
Fire Chief
Tom Abbott |

Department's CBRNE (Chemical, Biological, Radiological, Nuclear and Explosives) Sustainment initiatives and CERT (Community Emergency Response Team) Program; Resolution # 2018-173.

- | | | | |
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City Clerk |
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| 15. | District 1 | <u>Consideration and action pertaining to approval of the Final Plat entitled, "Bell Road & 303, LLC" dated October 12, 2018, a 5.3 acre property generally located on the southeast corner of Bell Road and Loop 303.</u> | Approve
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Carmichael |
| Regular Agenda Item - Non-Public Hearing: | | | |
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Angelini,
Human
Resources |
| 18. | District 4 | <u>Consideration and action pertaining to approval of the purchase of approximately 0.59 acres of unimproved real property within the Original Townsite commonly known as 16009 N. Nash Street, Surprise, Arizona for \$116,000.00; Resolution # 2018-180.</u> | Approve
Eric Fitzer -
Community
Development |
| 19. | District 1 | <u>Discussion and action pertaining to approval of an amendment to the Fiscal Year 2019 Budget by reallocating appropriations in an</u> | None
Bob |

		<u>amount not to exceed \$145,000 from contingency within the Grants Fund to the General Capital Projects Fund and Community Recreational Services Department General Fund; and amending the capital and operating list of items over \$50,000 for the purpose of installing lights and the associated annual operational costs for Dick McComb Dog Park; Resolution # 2018-175.</u>	Wingenroth, City Manager
20.	District 1	<u>Consideration and action to reallocate appropriations from Roads of Regional Significance contingency to create a new capital project (P61530) to design and acquire the necessary right of way (ROW) for the intersection of 163rd Avenue and Jomax road, Resolution 2018-166.</u>	None Karl Zook Public Works Assistant Director
21.	District 1	<u>Consideration and action pertaining to the approval of the SPA3 Regional Wastewater Treatment Plant Capacity Allocation Agreement between the City of Surprise and Klondike Land Portfolio, LLC, Surprise Foothills Master, LLC, Mesquite Mountain Ranch Investments, LLC, and Buena Visa Holding, LLC; Resolution #2018-177.</u>	None Terry Lowe, Water Resource Management
22.	District 4	<u>Consideration and action pertaining to the City of Surprise entering into an Intergovernmental Agreement with the Housing Authority of Maricopa County in support of additional affordable housing in Surprise.</u>	None Seth Dyson, HSCV Director
23.	District 4	<u>Consideration and action pertaining to the City of Surprise entering into a Ground Lease Agreement with the Housing Authority of Maricopa County in support of additional affordable in Surprise.</u>	None Seth Dyson, HSCV Director

J. Other Business and Future Agenda Items:

K. Mayor/Council Reports:

L. Executive Session:

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- discussion or consultation for legal advice with the city's attorneys (A.R.S. §38-431.03 (A)(3));
- discussion or consultation with the city's attorneys regarding the city's position regarding contracts that are the subject of negotiations, in pending or contemplated litigation, or in settlement discussions conducted in order to avoid or resolve litigation (A.R.S. §38-431.03 (a)(4));
- discussion or consultation with designated representatives of the city in order to consider its position and instruct its representatives regarding negotiations with employee organizations (A.R.S. §38-431.03 (A)(5)); or

- discussion, consultation or consideration for international and interstate negotiations or for negotiations by a city or town, or its designated representatives, with members of a tribal council, or its designated representatives, of an Indian reservation located within or adjacent to the city or town. A.R.S. §38-401.03 (A)(6)).
- discussing or consulting with designated representatives of the city in order to consider its position and instruct its representatives regarding negotiations for the purchase, sale or lease of real property (A.R.S. §38-431.03 (A)(7)).

Confidentiality Requirements Pursuant to A.R.S. §38-431.03(C)(D): Any person receiving executive session information pursuant to A.R.S. §38-431.02 shall not disclose that information except to the Attorney General or County Attorney by agreement of the City Council, or as otherwise ordered by a court of competent jurisdiction.

The council may vote to hold an executive session for the purpose of obtaining legal advice from the Board's attorney on any matter listed on the agenda pursuant to A.R.S. § 38-431.03(A)(3).

M. Adjournment:

SHERRY ANN AGUILAR, CITY CLERK, MMC

POSTED:

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CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

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Council Meeting Date:	November 6, 2018	Contact Person:	Andrea Davis, Finance
Submitting Department:		District:	Internal
Staff	None		
Recommendations:			

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to approval of an amendment to the Fiscal Year 2019 Budget by reallocating appropriations in personnel services for changes to the labor distribution practices and overtime; Resolution # 2018-148.

Motion:

I move to approve Resolution # 2018-148.

Background:

Various departments throughout the city require Fire/Medical and Police Department staffing for special events. Labor distribution allowed planned budgeted overtime expenses for these events which in turn would eventually be transferred from the originating department (Fire/Medical and Police) and charged to the department utilizing the services.

Objective Analysis:

In an effort to reduce staff time used to make these transfers, it was decided there is no longer a need for these transfers if the originating department is budgeted with the estimated overtime needed to cover these overtime expenses.

Policy Compliant:

This action is compliant with City and Council policy.

Financial Impact:

\$142,400 in labor distribution for overtime for special events has been budgeted throughout various departments and will be reallocated to the Police and Fire/Medical Department.

Budget Impact:

\$142,400 will be reallocated from labor distributions in personnel services (\$1,800 from Human Services and Community Vitality General Fund, \$35,600 from Community and Recreation Services General Fund, \$89,000 from Sports and Tourism Department Spring Ticket Surcharge Fund, and \$16,000 from Sports and Tourism Department Sports and Tourism Fund to the Fire/Medical Department in the amount of \$56,700 and to the Police Department in the amount of \$85,700). A reallocation in the amount of \$14,000 from the Police overtime fund to Fire/Medical overtime fund and \$89,000 of supplies and services from the Sports and Tourism Fund to the Spring Training Ticket Surcharge Fund. These allocations do not represent an actual transfer of funds, but only a transfer of spending authority and does not increase or decrease the total budget.

FTE Impact:

This item does not impact the overall full-time equivalent count.

ATTACHMENTS:

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[Resolution 2018-148](#)

RESOLUTION # 2018-148

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF SURPRISE, ARIZONA, AMENDING THE FISCAL YEAR 2019 BUDGET BY REALLOCATING APPROPRIATIONS OF \$142,400 FROM LABOR DISTRIBUTION IN PERSONNEL SERVICES (\$1,800 FROM HUMAN SERVICES AND COMMUNITY VITALITY GENERAL FUND, \$35,600 FROM COMMUNITY AND RECREATION SERVICES GENERAL FUND, \$89,000 FROM SPORTS AND TOURISM SPRING TICKET SURCHARGE FUND, AND \$16,000 FROM THE SPORTS AND TOURISM DEPARTMENT SPORTS AND TOURISM FUND) TO THE FIRE/MEDICAL DEPARTMENT IN THE AMOUNT OF \$56,700 AND TO THE POLICE DEPARTMENT IN THE AMOUNT OF \$85,700. REALLOCATING APPROPRIATIONS OF \$14,000 FROM THE POLICE DEPARTMENT OVERTIME FUND TO THE FIRE/MEDICAL DEPARTMENT OVERTIME FUND FOR TACTICAL EMERGENCY MEDICAL SERVICES COVERAGE. REALLOCATING APPROPRIATIONS OF \$89,000 FROM THE SPORTS AND TOURISM FUND TO THE SPORTS AND TOURISM SPRING TRAINING TICKET SURCHARGE FUND FOR SUPPLIES AND SERVICES.

WHEREAS, the FY2019 budget was adopted included funding for Labor Distribution among the Human Services and Community Vitality Department, the Community and Recreation Services Department and the Sports and Tourism Department;

WHEREAS, Labor Distribution will no longer be utilized, the charges incurred in the Police Department and Fire/Medical Department for services provided to other departments will stay within the Police Department and Fire/Medical Department;

WHEREAS, the allocated budget for Labor Distribution of \$142,400 (\$1,800 in the Human Services and Community Vitality General Fund, \$35,600 in the Community and Recreation Services General Fund, \$89,000 in the Sports and Tourism Spring Ticket Surcharge Fund, and \$16,000 in the Sports and Tourism Department Sports & Tourism Fund shall be reallocated to the Fire/Medical Department in the amount of \$56,700 and to the Police Department in the amount of \$85,700);

WHEREAS, the FY2019 budget was adopted including funding for overtime in the Police Department General Fund;

WHEREAS, \$14,000 of overtime funding shall be reallocated from the Police Department overtime fund to the Fire/Medical Department overtime fund to account for Tactical Emergency Medical Services coverage provided by the Fire/Medical Department;

WHEREAS, \$89,000 of supplies and services shall be reallocated from the Sports and Tourism fund to the Spring Training Ticket Surcharge fund;

WHEREAS, the FY2019 budget was adopted by Council Resolution #2018-78 on June 5, 2018;

WHEREAS, this action will necessitate a budget amendment; and

WHEREAS, the City of Surprise Administrative Policies requires the approval of the Mayor and Council for budget amendments of this nature.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Council of the City of Surprise, Arizona, as follows.

Section 1. That the statements and schedules attached as *Exhibit A* and incorporated by reference are adopted, amending the budget of the City of Surprise, Arizona for the fiscal year July 1, 2018 through June 30, 2019.

APPROVED AND ADOPTED this _____ day of _____, 2018.

Sharon R. Wolcott, Mayor

Attest:

Approved as to form:

Sherry Aguilar, City Clerk

Robert Wingo, City Attorney

RESOLUTION # 2018-148

Exhibit A

1. Appropriation - The allocation below represents a reallocation in the amount of \$142,400 from labor distribution in personnel services (\$1,800 from Human Services and Community Vitality General Fund, \$35,600 from Community and Recreation Services General Fund, \$89,000 from Sports and Tourism Spring Ticket Surcharge Fund, and \$16,000 from the Sports and Tourism Department Sports and Tourism Fund to the Fire/Medical Department in the amount of \$56,700 and to the Police Department in the amount of \$85,700). A reallocation in the amount of \$14,000 from the Police Department overtime fund to the Fire/Medical Department overtime fund and \$89,000 of supplies and services shall be reallocated from the Sports and Tourism fund to the Spring Training Ticket Surcharge fund. These allocations do not represent an actual transfer of funds, but only a transfer of spending authority. Additionally, these allocations do not increase or decrease the total budget.

Fund	Department	Project/Category	Rev/ Exp	Current Budget	Increase/ (Decrease)	Amended Budget
General Fund	Human Svcs and Comm Vitality	Personnel Services	E	1,278,200	(1,800)	1,276,400
General Fund	Community and Recreation Svcs	Personnel Services	E	6,306,700	(35,600)	6,271,100
Spring Trng Ticket Surcharge	Sports & Tourism	Personnel Services	E	89,000	(89,000)	-
Sports & Tourism	Sports & Tourism	Personnel Services	E	1,348,500	(16,000)	1,332,500
General Fund	Police	Personnel Services	E	25,912,000	71,700	25,983,700
General Fund	Fire - Medical	Personnel Services	E	18,320,500	70,700	18,391,200
Sports & Tourism	Sports & Tourism	Services	E	1,278,700	(8,000)	1,270,700
Sports & Tourism	Sports & Tourism	Supplies	E	288,800	(81,000)	207,800
Spring Trng Ticket Surcharge	Sports & Tourism	Services	E	522,800	8,000	530,800
Spring Trng Ticket Surcharge	Sports & Tourism	Supplies	E	77,200	81,000	158,200
Expense Total				55,422,400	-	55,422,400



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

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Council Meeting Date:	November 6, 2018	Contact Person:	Andrea Davis, Finance Director
Submitting Department:	Finance	District:	Citywide
Staff	None		
Recommendations:			

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to approval of a fiscal year 2018 budget amendment reallocating appropriations from various funds required to close the fiscal year 2018 budget and inter-fund cash transfers and loans for FY2018; Resolution# 2018-XX

Motion:

I move to approve Resolution #2018-XX

Background:

As part of closing the fiscal year 2018, expenditure budgets and actuals are reviewed to ensure that the City is in compliance with budget amendment policies. Specifically, fund, capital improvement plan (CIP) projects, grants, and departments within each fund cannot have actual expenditures exceeding the budget amounts. When this does occur, approval of the Mayor and Council is necessary to increase the budgeted amounts. With the annual audit currently underway, FY2018 has not yet been closed. Any changes that are made to the financials may require additional budget amendments for fund/department combinations that have exceeded their personnel and/or non-personnel operating budget. Any changes that are made to the financials may require additional budget amendments for FY2018. For FY2018, three main categories of corrections have been identified. The first category is budget adjustments for fund/department combinations that have exceeded their personnel and/or non-personnel operating budget. In each case, the fund had sufficient contingency to make an amendment, had savings in another department or received unforeseen revenue that allowed an increase in authority. The second category involves Street Light Improvement Districts (SLIDs). Appropriation will be reallocated to SLID funds that are new for FY2018. Typically, property taxes cannot be levied on a SLID until the SLID has been recognized and assessed by the county. Once this has occurred property taxes will be levied and the expenses will be recouped for each of the new SLIDs. The final category is project related (capital projects and grants). Per the Comprehensive Financial Management policies, projects within the capital project funds need to have sufficient budget authority to cover expenditures. In relation to grants, these are additional award amounts that were previously approved by the Mayor and Council.

Inter-fund cash transfers and loans do not represent an outflow of funds from the city, but rather a reallocation of funds within the city. As such, they are not subject to state expenditure limitation rules and are not part of the adopted expenditure limit budget. No budget amendment is necessary for changes to the amount of cash transfers. As a part of closing FY2018, cash transfers are completed to maintain the appropriate balances in each fund. General Fund contributions to the General Capital and Vehicle Replacement funds are completed using cash transfers. Cash transfers are also used to account for indirect costs, franchise fees, and in-lieu property tax payments for city provided utilities. The allocation of debt service payments to the appropriate funds is completed using cash transfers. Cash transfers are also used to close out inactive, unnecessary funds. Inter-fund loans are used to account for instances where one fund contributes resources to another fund where the resources are expended with the intention of future repayment.

Objective Analysis:

Mayor and Council adopt the budget by department in each fund and by project in capital funds per the comprehensive financial management policies effective July 1, 2018. The Budget Amendment Policies and Procedures are designed to place any amendments to the budget that cross those categories back before the Mayor and Council for approval. This action accomplishes that aim and ensures that each of those categories do not have actual expenditures that exceed the budget. The previous financial system did not have budget controls in place that would prevent expenditures from exceeding the budgeted amounts. The practice used by the City of Surprise, and many other cities throughout Arizona, is to seek approval at the end of the fiscal year after a budget has been exceeded. The new financial system which was implemented in July, 2016 has the ability to place budget controls that would prevent expenditures from exceeding the budget. The budget controls have significantly reduced the number amendments presented today. Unfortunately, due to the way the system performs, on occasion a budget is able to be exceeded. Budget Amendment Policies and Procedures will be reviewed to ensure that processes can be improved in this area.

Inter-fund cash transfers and loans can have a material impact on individual funds, but do not fall under the same set of rules governing the budgets for expenditures. Amounts related to inter-fund cash transfers and loans are not subject to the city's Budget Amendment Policies and Procedures, but rather are approved by the City Council based on the requirements of the Comprehensive Financial Management Policies. This approval is not of the change in the amount from the FY2018 adopted budget, but of the total amount of the transfers.

Policy Compliant:

This action will make the FY2018 financials compliant with the Budget Amendment Policies and Procedures and is consistent with the Comprehensive Financial Management Policies which states: #25 - All cash transfers between funds must be approved by the City Council and; #26 - All initial inter-fund loans must be approved by City Council.

Financial Impact:

This action has no direct financial impact. Expenditures have already occurred and this action brings the financials back in compliance with the Budget Amendment Policies and Procedures. The approval of these budget amendments is necessary to complete the FY2018 Comprehensive Annual Financial Report (CAFR) and related audit.

This action has no direct financial impact as the inter-fund cash transfers and loans do not represent an outflow of funds from the city. Inter-fund cash transfers and loans do impact the available sources and uses within each fund.

Budget Impact:

This action reallocates spending authority without increasing or decreasing the total budget for FY2018 and does not represent an actual transfer of funds. Each item is considered one time in nature, however this amendment may impact future carry forward amounts with respect to CIP projects and grants.

Inter-fund cash transfers and loans do impact the available sources and uses within each fund, however, there is no direct financial impact as the inter-fund cash transfers and loans do not represent and outflow of funds from the city.

FTE Impact:

There is no impact on FTEs of this item.

ATTACHMENTS:

[Click to download](#)

No Attachments Available



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date: November 6, 2018 Contact Person: Mike Donovan, Police
Submitting Department: District: Internal
Staff Approve
Recommendations:

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to approval of an amendment to the Fiscal Year 2019 budget by reallocating appropriations of \$7,100 from Contingency within the Grants Fund and authorizing acceptance of a grant from the U. S. Bureau of Justice Assistance (BJA) Bulletproof Vest Partnership (BVP) to purchase bulletproof vests for Surprise Police Officers; Resolution # 2018-163.

Motion:

I move to approve Resolution #2018-163.

Background:

The United States Department of Justice created the Bulletproof Vest Partnership Grant in 1998. Funding from this grant provides state and local law enforcement funding to purchase bulletproof vests. The City of Surprise has received BJA grants on an irregular basis over the past several years. This year, the Surprise Police Department applied for grant funding and received \$7,100 which will allow the Department to purchase 9 bulletproof vests for our officers.

Objective Analysis:

Acceptance of this grant will allow the Surprise Police Department to purchase ballistic vests to provide protection for our officers while on duty. A negative to obtaining any grant funding is the employee time spent in overseeing the grant and making regular reports back to the grantor.

Policy Compliant:

The grant is consistent with the City's practice of supplementing the General Fund budget through the use of grant funds. The grant funds will allow the Police Department to purchase safety equipment for the protection of our police officers.

Financial Impact:

The U.S. Department of Justice will reimburse the City of Surprise for specified National Institute of Justice (NIJ) compliant armored vest purchases up to \$7,090.

Budget Impact:

Acceptance of this grant will reallocate appropriations in the amount of \$7,100 from Contingency within the Grants Fund to the equipment fund. This does not represent an actual transfer of funds, but only a transfer of budget authority and does not increase or decrease the total budget.

FTE Impact:

The number of full-time equivalents (FTE) is not impacted by this item.

ATTACHMENTS:

Click to download

[Bureau of Justice 2018 Bulletproof Vest Partnership \(BVP\)](#)

[FY2018 BVP Awards](#)

[Resolution 2018-163](#)

From: BVP Email Account
Sent: Wednesday, October 03, 2018 9:00 AM
To: Lisa Alexander
Subject: Bulletproof Vest Partnership 2018 Awards

Dear BVP applicant,

The Bureau of Justice Assistance (BJA) is pleased to inform you that your agency will receive an award under the Fiscal Year (FY) 2018 Bulletproof Vest Partnership (BVP) solicitation. These funds have been posted to your account in the BVP System. A complete list of FY 2018 BVP awards is available at: <https://ojp.gov/bvpbasi/>.

The FY 2018 award may be used for National Institute of Justice (NIJ) compliant armored vests which were ordered after April 1, 2018. The deadline to request payments from the FY 2018 award is August 31, 2020, or until all available funds have been requested. Awards will not be extended past that date, and any unused funds will be forfeited.

Please see the following websites for a list of NIJ compliant vests:

Ballistic Vests: <https://nij.gov/topics/technology/body-armor/pages/compliant-ballistic-armor.aspx>

Stab Resistant Vests: <https://nij.gov/topics/technology/body-armor/pages/compliant-stab-armor.aspx>

As a reminder, all jurisdictions that applied for FY 2018 BVP funding certified that a mandatory wear policy was in place for their jurisdiction. BJA will be conducting reviews of the mandatory wear policies as funds are requested from the BVP System. For more information on the BVP mandatory wear policy, please see the BVP Frequently Asked Questions document: <https://ojp.gov/bvpbasi/docs/FAQsBVPMandatoryWearPolicy.pdf>

Finally, please visit the following page for checklists and guides for each step of the BVP process: <https://ojp.gov/bvpbasi/bvpprogramresources.htm>.

For questions regarding the BVP Program or your award, please do not hesitate to contact the BVP Help Desk at vests@usdoj.gov or 1-877-758-3787.

Thank you

BVP Program Support Team
Bureau of Justice Assistance

FY 2018 BVP Awards

State	Jurisdiction Name (City)	BVP Funding Amount
AK	ANCHORAGE MUNICIPALITY	\$35,667.03
AK	FAIRBANKS CITY	\$5,500.00
AK	HOMER CITY	\$4,950.00
AK	JUNEAU CITY AND BOROUGH	\$8,002.80
AK	KENAI CITY	\$855.00
AK	PALMER CITY	\$2,385.00
AK	SITKA CITY AND BOROUGH	\$3,080.00
AK	SOLDOTNA CITY	\$1,600.00
	Totals for AK(8 Jurisdictions):	\$62,039.83
AL	ABBEVILLE CITY	\$4,000.00
AL	ALABAMA	\$98,348.47
AL	ALABASTER CITY	\$3,802.50
AL	ALEXANDER CITY	\$7,600.00
AL	ANDALUSIA CITY	\$2,218.50
AL	ANNISTON CITY	\$7,437.50
AL	ARAB CITY	\$1,167.50
AL	ATHENS CITY	\$2,608.00
AL	AUTAUGA COUNTY	\$2,340.00
AL	BIRMINGHAM CITY	\$20,827.46
AL	BOAZ CITY	\$1,167.50
AL	BREWTON CITY	\$6,875.00
AL	CHICKASAW CITY	\$1,875.50
AL	CHILTON COUNTY	\$2,912.50
AL	COTTONWOOD TOWN	\$550.00
AL	CULLMAN CITY	\$4,632.00
AL	CULLMAN COUNTY	\$6,780.00
AL	DAPHNE CITY	\$6,500.00
AL	DECATUR CITY	\$8,876.00
AL	DEMOPOLIS CITY	\$2,925.00
AL	DOTHAN CITY	\$19,980.00
AL	ENTERPRISE CITY	\$3,119.70
AL	ESCAMBIA COUNTY	\$18,000.00
AL	FLORENCE CITY	\$3,191.00
AL	FOLEY CITY	\$3,916.00
AL	FULTONDALE CITY	\$4,901.00
AL	GADSDEN CITY	\$17,100.00
AL	HALEYVILLE CITY	\$3,575.00
AL	HELENA CITY	\$1,890.00
AL	HENRY COUNTY	\$2,697.00
AL	HOOVER CITY	\$17,855.00
AL	JACKSON CITY	\$1,457.50
AL	JACKSONVILLE CITY	\$8,417.50
AL	JASPER CITY	\$4,189.50
AL	JEMISON TOWN	\$2,362.50

AL	LAUDERDALE COUNTY	\$9,974.00
AL	LEVEL PLAINS TOWN	\$1,364.75
AL	LIMESTONE COUNTY	\$1,522.50
AL	LINCOLN CITY	\$3,095.90
AL	LINEVILLE CITY	\$3,570.00
AL	LOWNDES COUNTY	\$1,785.00
AL	LOXLEY TOWN	\$2,700.00
AL	MADISON CITY	\$11,275.00
AL	MIDFIELD CITY	\$2,100.00
AL	MOBILE COUNTY	\$32,708.17
AL	MONROEVILLE CITY	\$1,522.50
AL	MONTEVALLO CITY	\$519.89
AL	MONTGOMERY COUNTY	\$8,272.13
AL	MOUNTAIN BROOK CITY	\$4,560.00
AL	NORTHPORT CITY	\$5,880.50
AL	ONEONTA CITY	\$5,445.00
AL	OPELIKA CITY	\$8,830.50
AL	PELHAM CITY	\$7,625.00
AL	PHENIX CITY	\$15,834.00
AL	PRATTVILLE CITY	\$3,594.00
AL	PRICEVILLE TOWN	\$1,854.50
AL	RAINBOW CITY	\$1,625.00
AL	RIVER FALLS TOWN	\$1,638.00
AL	RUSSELLVILLE CITY	\$5,062.50
AL	SARALAND CITY	\$2,716.00
AL	SCOTTSBORO CITY	\$5,355.00
AL	SPANISH FORT CITY	\$2,907.50
AL	SYLACAUGA CITY	\$3,350.00
AL	TALLADEGA CITY	\$8,707.75
AL	TALLADEGA COUNTY	\$6,431.04
AL	TALLAPOOSA COUNTY	\$1,827.00
AL	TARRANT CITY	\$1,537.50
AL	TROY CITY	\$2,740.50
AL	TRUSSVILLE CITY	\$5,250.00
AL	TUSCUMBIA CITY	\$3,300.00
AL	TUSKEGEE CITY	\$4,490.00
AL	VESTAVIA HILLS CITY	\$9,003.00
	Totals for AL(72 Jurisdictions):	\$506,069.26
AR	ALMA CITY	\$4,458.00
AR	ARKANSAS	\$20,744.27
AR	ATKINS CITY	\$4,631.82
AR	BENTON CITY	\$11,375.00
AR	BENTON COUNTY	\$21,393.43
AR	BERRYVILLE CITY	\$1,166.30
AR	BETHEL HEIGHTS TOWN	\$1,173.35
AR	CABOT CITY	\$3,969.40
AR	CARLISLE CITY	\$1,911.88

AR	CLARENDON CITY	\$1,960.00
AR	CRAWFORD COUNTY	\$5,850.00
AR	CROSSETT CITY	\$8,012.25
AR	EL DORADO CITY	\$4,504.14
AR	FAYETTEVILLE CITY	\$10,399.50
AR	FORREST CITY	\$4,459.13
AR	FORT SMITH CITY	\$9,354.42
AR	FRANKLIN COUNTY	\$2,400.00
AR	GARLAND COUNTY	\$2,868.90
AR	GASSVILLE CITY	\$1,195.56
AR	GENTRY CITY	\$1,844.84
AR	GRAVETTE CITY	\$1,975.00
AR	GREENWOOD CITY	\$3,425.00
AR	HASKELL CITY	\$1,274.63
AR	HEBER SPRINGS CITY	\$3,464.72
AR	HOPE CITY	\$1,934.75
AR	HOT SPRINGS CITY	\$15,475.00
AR	JACKSONVILLE CITY	\$10,184.44
AR	JONESBORO CITY	\$19,274.13
AR	LAFAYETTE COUNTY	\$1,234.44
AR	LITTLE ROCK CITY	\$31,269.45
AR	LOGAN COUNTY	\$2,795.00
AR	LOWELL CITY	\$1,587.94
AR	MALVERN CITY	\$1,689.50
AR	MARION CITY	\$3,407.45
AR	MILLER COUNTY	\$1,850.00
AR	MORRILTON CITY	\$5,544.44
AR	MOUNTAIN HOME CITY	\$3,198.50
AR	PARIS CITY	\$2,275.00
AR	PIGGOTT CITY	\$3,002.45
AR	PIKE COUNTY	\$5,600.00
AR	PINE BLUFF CITY	\$16,901.08
AR	POCAHONTAS CITY	\$6,103.13
AR	POLK COUNTY	\$551.87
AR	POPE COUNTY	\$2,932.63
AR	ROGERS CITY	\$14,000.00
AR	RUSSELVILLE CITY	\$9,291.00
AR	SEARCY CITY	\$7,034.13
AR	SHERIDAN CITY	\$310.04
AR	SHERWOOD CITY	\$5,329.81
AR	SILLOAM SPRINGS CITY	\$3,742.08
AR	SPRINGDALE CITY	\$13,199.83
AR	STONE COUNTY	\$7,797.00
AR	VAN BUREN CITY	\$4,000.00
AR	VILONIA CITY	\$4,089.00
AR	WEST MEMPHIS CITY	\$15,505.00
AR	WHITE HALL CITY	\$788.44

AR	WYNNE CITY	\$7,948.62
	Totals for AR(57 Jurisdictions):	\$363,657.69
AZ	APACHE COUNTY	\$3,595.50
AZ	APACHE JUNCTION CITY	\$5,282.15
AZ	ARIZONA	\$18,110.84
AZ	BISBEE CITY	\$1,735.44
AZ	BUCKEYE TOWN	\$9,300.88
AZ	BULLHEAD CITY	\$11,927.48
AZ	CAMP VERDE TOWN	\$2,452.32
AZ	CASA GRANDE CITY	\$5,495.00
AZ	CHANDLER CITY	\$119,186.47
AZ	CHINO VALLEY TOWN	\$2,167.50
AZ	COOLIDGE CITY	\$5,670.28
AZ	COTTONWOOD CITY	\$1,600.00
AZ	EAGAR TOWN	\$1,200.00
AZ	EL MIRAGE CITY	\$4,800.00
AZ	FLAGSTAFF CITY	\$12,079.76
AZ	FLORENCE TOWN	\$2,736.30
AZ	GLENDALE CITY	\$7,244.34
AZ	GOODYEAR CITY	\$21,876.87
AZ	GRAHAM COUNTY	\$5,195.10
AZ	KEARNY TOWN	\$1,200.00
AZ	KINGMAN CITY	\$4,400.00
AZ	LA PAZ COUNTY	\$11,973.63
AZ	LAKE HAVASU CITY	\$14,292.18
AZ	MARANA TOWN	\$11,350.50
AZ	MARICOPA CITY	\$6,140.20
AZ	MOHAVE COUNTY	\$11,228.72
AZ	NOGALES CITY	\$4,264.00
AZ	ORO VALLEY TOWN	\$10,326.42
AZ	PARADISE VALLEY TOWN	\$6,780.00
AZ	PAYSON TOWN	\$3,785.00
AZ	PEORIA CITY	\$33,505.07
AZ	PIMA COUNTY COMMUNITY COLLEGE DISTRICT	\$2,886.87
AZ	PINETOP-LAKESIDE TOWN	\$1,509.43
AZ	PRESCOTT CITY	\$11,200.00
AZ	PRESCOTT VALLEY TOWN	\$3,747.44
AZ	QUARTZSITE TOWN	\$4,256.27
AZ	SHOW LOW CITY	\$4,266.59
AZ	SIERRA VISTA CITY	\$3,600.00
AZ	SOUTH TUCSON CITY	\$6,393.41
AZ	SURPRISE CITY	\$7,090.34
AZ	WICKENBURG TOWN	\$2,391.45
AZ	WILLIAMS CITY	\$2,500.00
AZ	YAVAPAI COLLEGE	\$3,947.88
AZ	YUMA CITY	\$20,712.69
	Totals for AZ(44 Jurisdictions):	\$435,404.32

CA	ALAMEDA CITY	\$16,815.96
CA	ALAMEDA COUNTY	\$217,330.00
CA	ALBANY CITY	\$2,400.00
CA	ALHAMBRA CITY	\$1,751.59
CA	ALLAN HANCOCK JOINT CMNTY COLLEGE DIST	\$1,811.09
CA	AMADOR COUNTY	\$10,390.27
CA	ANDERSON CITY	\$3,925.50
CA	ANTIOCH CITY	\$24,854.14
CA	ARCADIA CITY	\$5,497.05
CA	ARCATA CITY	\$2,825.00
CA	ARROYO GRANDE CITY	\$10,002.50
CA	ATHERTON TOWN	\$10,000.00
CA	AZUSA CITY	\$11,600.00
CA	BARSTOW CITY	\$2,564.45
CA	BEAUMONT CITY	\$1,791.35
CA	BELLFLOWER CITY	\$1,036.76
CA	BELMONT CITY	\$3,435.27
CA	BEVERLY HILLS CITY	\$8,076.31
CA	BISHOP CITY	\$1,268.50
CA	BLYTHE CITY	\$2,619.00
CA	BREA CITY	\$4,421.32
CA	BUENA PARK CITY	\$6,425.80
CA	CALAVERAS COUNTY	\$7,030.28
CA	CALIFORNIA	\$1,647,949.78
CA	CAMPBELL CITY	\$4,777.50
CA	CAPITOLA CITY	\$1,634.96
CA	CARMEL BY THE SEA CITY	\$436.46
CA	CATHEDRAL CITY	\$4,968.00
CA	CERES CITY	\$8,363.84
CA	CHICO CITY	\$8,915.13
CA	CHINO CITY	\$11,954.09
CA	CHOWCHILLA CITY	\$2,696.21
CA	CHULA VISTA CITY	\$41,455.42
CA	CITRUS HEIGHTS CITY	\$6,222.57
CA	CLAREMONT CITY	\$3,544.13
CA	CLEARLAKE CITY	\$3,354.10
CA	COALINGA CITY	\$1,591.90
CA	CORONA CITY	\$23,518.09
CA	CORONADO CITY	\$4,460.88
CA	COSTA MESA CITY	\$19,667.55
CA	COVINA CITY	\$4,580.63
CA	CRESCENT CITY	\$2,485.50
CA	CULVER CITY	\$19,148.75
CA	CYPRESS CITY	\$2,719.00
CA	DAVIS CITY	\$16,371.34
CA	DEL NORTE COUNTY	\$3,026.63
CA	DELANO CITY	\$7,511.47

CA	DESERT HOT SPRINGS CITY	\$5,732.32
CA	DINUBA CITY	\$4,007.70
CA	DIXON CITY	\$2,602.93
CA	DOWNEY CITY	\$3,182.53
CA	DUBLIN CITY	\$22,800.00
CA	EAST BAY REGIONAL PARK DIST	\$2,524.54
CA	EL SEGUNDO CITY	\$7,345.76
CA	EMERYVILLE CITY	\$3,821.37
CA	ESCALON CITY	\$2,417.48
CA	ESCONDIDO CITY	\$3,041.88
CA	EUREKA CITY	\$2,469.41
CA	EXETER CITY	\$7,168.56
CA	FAIRFAX TOWN	\$1,648.00
CA	FARMERSVILLE CITY	\$1,250.00
CA	FOLSOM CITY	\$10,043.60
CA	FORT BRAGG CITY	\$1,478.28
CA	FORTUNA CITY	\$7,598.27
CA	FOUNTAIN VALLEY CITY	\$6,830.92
CA	FRESNO COUNTY	\$134,984.47
CA	GALT CITY	\$7,121.41
CA	GARDENA CITY	\$7,253.72
CA	GILROY CITY	\$2,765.10
CA	GLENDDORA CITY	\$8,931.12
CA	GONZALES CITY	\$2,032.46
CA	GROVER BEACH CITY	\$2,327.50
CA	GUADALUPE CITY	\$419.76
CA	HAWTHORNE CITY	\$8,908.73
CA	HAYWARD CITY	\$23,224.15
CA	HEMET CITY	\$10,486.26
CA	HERCULES CITY	\$3,995.23
CA	HERMOSA BEACH CITY	\$2,498.50
CA	HOLLISTER CITY	\$4,442.16
CA	HUMBOLDT COUNTY	\$12,603.41
CA	HUNTINGTON PARK CITY	\$7,158.76
CA	IMPERIAL COUNTY	\$21,406.34
CA	INDIO CITY	\$5,079.20
CA	INGLEWOOD CITY	\$10,598.46
CA	INYO COUNTY	\$12,401.46
CA	IONE CITY	\$3,354.10
CA	IRWINDALE CITY	\$3,975.00
CA	KERMAN CITY	\$2,267.48
CA	KERN COUNTY	\$61,576.84
CA	KING CITY	\$512.83
CA	KINGS COUNTY	\$15,022.94
CA	KINGSBURG CITY	\$2,019.20
CA	LA HABRA CITY	\$8,110.00
CA	LA VERNE CITY	\$17,822.48

CA	LAGUNA BEACH CITY	\$5,776.91
CA	LAKE COUNTY	\$7,461.61
CA	LAKEPORT CITY	\$2,350.00
CA	LARKSPUR CITY	\$7,567.00
CA	LASSEN COUNTY	\$8,341.05
CA	LINDSAY CITY	\$7,159.50
CA	LIVERMORE CITY	\$14,189.96
CA	LODI CITY	\$11,651.10
CA	LOS ALAMITOS CITY	\$5,810.27
CA	LOS ALTOS CITY	\$2,833.46
CA	LOS ANGELES CITY	\$451,638.91
CA	LOS GATOS TOWN	\$5,941.00
CA	MADERA CITY	\$7,341.00
CA	MADERA COUNTY	\$6,519.90
CA	MANHATTAN BEACH CITY	\$7,596.00
CA	MANTECA CITY	\$5,325.00
CA	MARIN COUNTY	\$60,439.54
CA	MARINA CITY	\$5,900.29
CA	MARYSVILLE CITY	\$6,800.00
CA	MENDOCINO COUNTY	\$20,763.14
CA	MENDOTA CITY	\$3,659.22
CA	MERCED CITY	\$10,486.75
CA	MILPITAS CITY	\$13,309.73
CA	MONO COUNTY	\$8,921.02
CA	MONROVIA CITY	\$4,042.73
CA	MONTCLAIR CITY	\$4,692.60
CA	MONTEBELLO CITY	\$14,207.02
CA	MONTEREY CITY	\$2,615.78
CA	MONTEREY PARK CITY	\$9,261.04
CA	MOUNTAIN VIEW CITY	\$14,455.91
CA	MURRIETA CITY	\$11,123.09
CA	NAPA CITY	\$9,289.50
CA	NEWARK CITY	\$5,645.00
CA	NEWMAN CITY	\$5,519.76
CA	NEWPORT BEACH CITY	\$15,063.50
CA	NORWALK CITY	\$3,553.35
CA	ONTARIO CITY	\$5,085.93
CA	ORANGE CITY	\$9,465.72
CA	OROVILLE CITY	\$4,243.78
CA	PACIFIC GROVE CITY	\$3,621.40
CA	PALO ALTO CITY	\$8,529.27
CA	PALOS VERDES ESTATES CITY	\$4,382.50
CA	PARADISE TOWN	\$3,957.48
CA	PARLIER CITY	\$5,043.30
CA	PETALUMA CITY	\$14,143.50
CA	PIEDMONT CITY	\$3,735.15
CA	PITTSBURG CITY	\$5,227.80

CA	PLACENTIA CITY	\$6,051.00
CA	PLUMAS COUNTY	\$4,276.64
CA	POMONA CITY	\$25,334.57
CA	PORT HUENEME CITY	\$1,157.50
CA	RED BLUFF CITY	\$4,289.75
CA	REDDING CITY	\$3,237.64
CA	REDLANDS CITY	\$9,913.00
CA	REDWOOD CITY	\$11,282.06
CA	REEDLEY CITY	\$2,460.00
CA	RIDGECREST CITY	\$2,940.07
CA	RIO VISTA CITY	\$2,865.00
CA	RIPON CITY	\$2,043.73
CA	RIVERSIDE CITY	\$56,640.57
CA	RIVERSIDE COUNTY	\$373,313.00
CA	ROCKLIN CITY	\$7,954.07
CA	ROHNERT PARK CITY	\$8,740.46
CA	SACRAMENTO CITY	\$9,116.55
CA	SAN BERNARDINO CITY	\$10,110.78
CA	SAN BERNARDINO CITY UNIF SCHOOL DIST	\$14,425.80
CA	SAN DIEGO COUNTY	\$35,316.13
CA	SAN FRANCISCO BAY AREA RAPID TRANSIT DIST	\$13,651.05
CA	SAN JOAQUIN COUNTY	\$85,860.88
CA	SAN JOSE CITY	\$193,703.32
CA	SAN LUIS OBISPO CITY	\$5,468.31
CA	SAN MARINO CITY	\$3,892.81
CA	SAN MATEO CITY	\$10,925.20
CA	SAN MATEO COUNTY	\$48,043.34
CA	SAN PABLO CITY	\$4,677.90
CA	SAN RAFAEL CITY	\$10,145.00
CA	SAND CITY	\$1,831.88
CA	SANGER CITY	\$3,078.54
CA	SANTA ANA CITY	\$39,999.69
CA	SANTA BARBARA CITY	\$9,962.50
CA	SANTA CLARA CITY	\$8,225.95
CA	SANTA CRUZ CITY	\$13,455.45
CA	SANTA CRUZ COUNTY	\$5,419.67
CA	SANTA FE SPRINGS CITY	\$3,010.68
CA	SANTA MONICA CITY	\$16,800.38
CA	SAUSALITO CITY	\$2,341.80
CA	SEAL BEACH CITY	\$4,366.45
CA	SEASIDE CITY	\$10,000.00
CA	SELMA CITY	\$2,021.19
CA	SHAFTER CITY	\$3,960.00
CA	SHASTA COUNTY	\$8,673.32
CA	SIGNAL HILL CITY	\$5,268.50
CA	SIMI VALLEY CITY	\$1,549.84
CA	SISKIYOU COUNTY	\$6,097.97

CA	SOUTH GATE CITY	\$3,964.50
CA	SOUTH LAKE TAHOE CITY	\$4,732.02
CA	SOUTH SAN FRANCISCO CITY	\$9,410.69
CA	ST HELENA CITY	\$326.71
CA	STOCKTON CITY	\$4,267.32
CA	SUISUN CITY	\$2,400.00
CA	SUNNYVALE CITY	\$17,128.55
CA	SUSANVILLE CITY	\$1,410.00
CA	TEHACHAPI CITY	\$3,025.00
CA	TEHAMA COUNTY	\$10,624.02
CA	TORRANCE CITY	\$39,452.39
CA	TRACY CITY	\$7,481.00
CA	TUOLUMNE COUNTY	\$17,247.81
CA	TURLOCK CITY	\$7,133.24
CA	TUSTIN CITY	\$8,275.45
CA	UNION CITY	\$9,976.28
CA	VACAVILLE CITY	\$20,581.00
CA	VENTURA COUNTY	\$58,988.97
CA	WATSONVILLE CITY	\$7,408.50
CA	WEST SACRAMENTO CITY	\$8,000.00
CA	WESTMINSTER CITY	\$6,862.41
CA	WHITTIER CITY	\$6,898.64
CA	WILLIAMS CITY	\$1,981.98
CA	WILLITS CITY	\$1,002.43
CA	WOODLAND CITY	\$4,083.04
CA	YOLO COUNTY	\$3,014.59
CA	YUROC TRIBE	\$1,800.00
	Totals for CA(215 Jurisdictions):	\$4,944,552.64
CO	ALAMOSA CITY	\$3,183.00
CO	ARCHULETA COUNTY	\$3,200.00
CO	AULT TOWN	\$2,399.99
CO	AVON TOWN	\$2,000.00
CO	BASALT TOWN	\$1,838.00
CO	BAYFIELD TOWN	\$750.00
CO	BRIGHTON CITY	\$12,750.00
CO	BROOMFIELD CITY	\$10,800.00
CO	BRUSH CITY	\$1,600.00
CO	CALHAN TOWN	\$437.50
CO	CARBONDALE TOWN	\$1,462.50
CO	CASTLE ROCK TOWN	\$10,800.00
CO	CEDAREdge TOWN	\$1,310.99
CO	CHAFFEE COUNTY	\$9,997.50
CO	CHERRY HILLS VILLAGE CITY	\$1,275.00
CO	COMMERCE CITY	\$14,000.00
CO	CORTEZ CITY	\$2,000.00
CO	COSTILLA COUNTY	\$1,350.00
CO	CRESTED BUTTE CITY	\$675.00

CO	CRIPPLE CREEK CITY	\$1,798.00
CO	CUSTER COUNTY	\$1,414.50
CO	DELTA CITY	\$782.40
CO	DOLORES COUNTY	\$1,998.75
CO	EAGLE COUNTY	\$10,358.00
CO	EDGEWATER CITY	\$2,425.00
CO	ELBERT COUNTY	\$4,200.00
CO	ENGLEWOOD CITY	\$3,622.50
CO	FORT LUPTON CITY	\$2,925.00
CO	FORT MORGAN CITY	\$1,690.00
CO	FOUNTAIN CITY	\$7,995.00
CO	FREDERICK TOWN	\$4,125.00
CO	FRISCO TOWN	\$3,303.00
CO	GARDEN CITY TOWN	\$1,275.00
CO	GARFIELD COUNTY	\$9,400.00
CO	GLENDALE CITY	\$392.50
CO	GLENWOOD SPRINGS CITY	\$2,625.00
CO	GRAND JUNCTION CITY	\$23,770.50
CO	GUNNISON CITY	\$1,975.00
CO	HAYDEN TOWN	\$1,083.00
CO	HUERFANO COUNTY	\$9,194.25
CO	IGNACIO TOWN	\$1,619.00
CO	JACKSON COUNTY	\$1,545.00
CO	KIOWA TOWN	\$1,417.50
CO	LAFAYETTE CITY	\$5,200.00
CO	LAMAR CITY	\$1,135.00
CO	LAS ANIMAS COUNTY	\$1,996.48
CO	LOUISVILLE CITY	\$7,200.00
CO	MANITOU SPRINGS CITY	\$2,250.00
CO	MOFFAT COUNTY	\$3,016.00
CO	MONTE VISTA CITY	\$1,560.58
CO	MONTEZUMA COUNTY	\$4,375.00
CO	MONTROSE CITY	\$3,690.00
CO	MONTROSE COUNTY	\$4,402.50
CO	MORGAN COUNTY	\$4,600.00
CO	MORRISON TOWN	\$2,030.00
CO	MOUNT CRESTED BUTTE TOWN	\$675.00
CO	NORTHGLENN CITY	\$12,495.00
CO	OAK CREEK TOWN	\$400.00
CO	OTERO COUNTY	\$752.50
CO	PARACHUTE TOWN	\$2,000.00
CO	PARK COUNTY	\$3,401.00
CO	PHILLIPS COUNTY	\$1,137.00
CO	PITKIN COUNTY	\$3,220.00
CO	RIO BLANCO COUNTY	\$3,177.00
CO	ROUTT COUNTY	\$8,844.00
CO	SILVERTHORNE TOWN	\$1,267.50

CO	STEAMBOAT SPRINGS CITY	\$2,997.00
CO	STERLING CITY	\$2,800.00
CO	SUMMIT COUNTY	\$11,250.00
CO	TELLER COUNTY	\$5,625.00
CO	TIMNATH TOWN	\$412.50
CO	WASHINGTON COUNTY	\$1,615.00
CO	WOODLAND PARK CITY	\$4,275.00
CO	YUMA COUNTY	\$3,578.00
	Totals for CO(74 Jurisdictions):	\$294,140.44
CT	AVON TOWN	\$1,440.00
CT	BETHEL TOWN	\$6,820.00
CT	BLOOMFIELD CITY	\$9,987.50
CT	BRISTOL CITY	\$21,000.00
CT	BROOKFIELD TOWN	\$5,550.00
CT	COVENTRY TOWN	\$1,200.00
CT	DARIEN TOWN	\$2,450.00
CT	DERBY CITY	\$1,800.00
CT	EAST HAMPTON TOWN	\$2,522.50
CT	EAST LYME TOWN	\$2,125.00
CT	ENFIELD TOWN	\$11,160.00
CT	FAIRFIELD TOWN	\$8,064.00
CT	FARMINGTON TOWN	\$13,562.50
CT	GLASTONBURY TOWN	\$4,440.00
CT	GRANBY TOWN	\$447.50
CT	GREENWICH TOWN	\$9,800.00
CT	GROTON CITY	\$3,027.00
CT	GROTON TOWN	\$2,590.00
CT	GUILFORD TOWN	\$3,040.38
CT	HAMDEN TOWN	\$9,306.00
CT	LEDYARD TOWN	\$3,140.50
CT	MANCHESTER TOWN	\$3,384.00
CT	MERIDEN CITY	\$11,999.85
CT	MILFORD CITY	\$10,218.00
CT	MONROE TOWN	\$2,712.50
CT	NAUGATUCK BOROUGH	\$4,080.00
CT	NEW BRITAIN CITY	\$6,769.50
CT	NEWINGTON TOWN	\$8,860.75
CT	NORTH HAVEN TOWN	\$1,550.00
CT	NORWALK CITY	\$8,679.00
CT	NORWICH CITY	\$6,900.00
CT	OLD SAYBROOK TOWN	\$8,015.50
CT	PLAINVILLE TOWN	\$10,000.00
CT	PLYMOUTH TOWN	\$7,125.00
CT	PROSPECT TOWN	\$1,979.50
CT	RIDGEFIELD TOWN	\$3,750.00
CT	SEYMOUR TOWN	\$4,794.00
CT	SIMSBURY TOWN	\$3,237.50

CT	SOUTH WINDSOR TOWN	\$4,125.00
CT	STRATFORD TOWN	\$7,480.00
CT	SUFFIELD TOWN	\$4,307.00
CT	TORRINGTON CITY	\$26,235.00
CT	WEST HARTFORD TOWN	\$22,325.00
CT	WESTPORT TOWN	\$2,720.00
CT	WETHERSFIELD TOWN	\$6,450.00
CT	WINDHAM TOWN	\$3,200.00
CT	WINDSOR TOWN	\$3,726.00
CT	WOODBIDGE TOWN	\$4,009.50
	Totals for CT(48 Jurisdictions):	\$312,105.48
DC	WASHINGTON D C CITY	\$123,153.67
	Totals for DC(1 Jurisdictions):	\$123,153.67
DE	BETHANY BEACH TOWN	\$2,355.00
DE	CLAYTON TOWN	\$1,698.73
DE	DELAWARE	\$137,587.47
DE	DELAWARE RIVER AND BAY AUTHORITY	\$12,355.00
DE	HARRINGTON CITY	\$1,501.50
DE	LAUREL TOWN	\$1,452.00
DE	MIDDLETOWN TOWN	\$5,538.91
DE	MILFORD CITY	\$5,082.00
DE	MILLSBORO TOWN	\$2,241.00
DE	NEWARK CITY	\$6,477.00
DE	SEAFORD CITY	\$2,158.20
DE	WILMINGTON CITY	\$55,877.50
	Totals for DE(12 Jurisdictions):	\$234,324.31
FL	ALACHUA COUNTY	\$33,251.49
FL	ALTAMONTE SPRINGS CITY	\$4,773.60
FL	ARCADIA CITY	\$4,800.00
FL	ATLANTIC BEACH CITY	\$4,813.75
FL	ATLANTIS CITY	\$1,482.36
FL	AUBURNDALE CITY	\$4,406.40
FL	AVENTURA CITY	\$9,125.00
FL	BAKER COUNTY	\$3,490.00
FL	BAY COUNTY	\$15,287.36
FL	BELLEAIR TOWN	\$2,928.00
FL	BOCA RATON CITY	\$53,550.00
FL	BOYNTON BEACH CITY	\$15,862.50
FL	BRADENTON CITY	\$8,392.00
FL	BRADFORD COUNTY	\$8,235.00
FL	BROWARD COUNTY	\$65,063.17
FL	CAPE CORAL CITY	\$3,863.50
FL	CHIPLEY CITY	\$1,809.00
FL	CITRUS COUNTY	\$13,958.02
FL	CLAY COUNTY	\$27,143.62
FL	CLEARWATER CITY	\$48,491.76
FL	CLERMONT CITY	\$8,480.00

FL	COCOA BEACH CITY	\$3,750.00
FL	COCONUT CREEK CITY	\$9,985.38
FL	COLUMBIA COUNTY	\$8,750.00
FL	DADE CITY	\$4,892.94
FL	DAVENPORT CITY	\$1,101.60
FL	DAYTONA BEACH CITY	\$30,000.00
FL	DAYTONA BEACH SHORES CITY	\$2,569.00
FL	DE FUNIAK SPRINGS CITY	\$2,531.20
FL	DELAND CITY	\$7,597.00
FL	DUVAL CO SCH DIST	\$4,460.36
FL	EATONVILLE TOWN	\$3,750.00
FL	EDGEWATER CITY	\$4,482.00
FL	EDGEWOOD CITY	\$1,155.14
FL	ESCAMBIA COUNTY	\$7,769.55
FL	FELLSMERE CITY	\$330.00
FL	FLAGLER BEACH CITY	\$1,419.98
FL	FLORIDA	\$217,135.03
FL	FLORIDA CITY	\$1,980.00
FL	FORT LAUDERDALE CITY	\$34,501.14
FL	FORT MYERS CITY	\$13,125.00
FL	FRUITLAND PARK CITY	\$2,202.00
FL	GADSDEN COUNTY	\$26,400.00
FL	GAINESVILLE CITY	\$8,217.80
FL	GROVELAND CITY	\$3,670.00
FL	GULF STREAM TOWN	\$1,155.00
FL	GULFPORT CITY	\$2,569.00
FL	GRETNA CITY	\$1,151.66
FL	HAINES CITY	\$4,806.75
FL	HALLANDALE CITY	\$15,512.50
FL	HARDEE COUNTY	\$3,969.00
FL	HAVANA TOWN	\$1,982.88
FL	HENDRY COUNTY	\$14,046.88
FL	HERNANDO COUNTY	\$16,001.83
FL	HIGHLANDS COUNTY	\$17,382.40
FL	HOWEY IN THE HILLS TOWN	\$1,675.00
FL	INDIALANTIC CITY	\$2,607.00
FL	INDIAN HARBOUR BEACH CITY	\$1,080.00
FL	INDIAN RIVER COUNTY	\$27,818.80
FL	INDIAN RIVER SHORES CITY	\$2,714.25
FL	INDIAN SHORES TOWN	\$1,940.00
FL	JACKSONVILLE AVIATION AUTHORITY	\$1,109.25
FL	JACKSONVILLE CITY	\$239,063.00
FL	JUNO BEACH TOWN	\$1,425.56
FL	JUPITER TOWN	\$6,503.00
FL	KENNETH CITY TOWN	\$2,625.00
FL	KISSIMMEE CITY	\$12,450.00
FL	LADY LAKE TOWN	\$3,996.00

FL	LAKE HAMILTON TOWN	\$701.25
FL	LAKE MARY CITY	\$12,992.40
FL	LAKE PLACID TOWN	\$1,402.50
FL	LAKE WALES CITY	\$1,357.02
FL	LANTANA TOWN	\$3,575.00
FL	LARGO CITY	\$14,577.00
FL	LAUDERHILL CITY	\$14,280.00
FL	LEESBURG CITY	\$5,462.10
FL	LIGHTHOUSE POINT CITY	\$6,336.96
FL	LONGWOOD CITY	\$4,785.00
FL	MARGATE CITY	\$13,200.00
FL	MARIANNA CITY	\$1,619.97
FL	MARION COUNTY	\$14,249.06
FL	MELBOURNE BEACH TOWN	\$325.00
FL	MELBOURNE CITY	\$11,049.50
FL	MELBOURNE VILLAGE TOWN	\$1,750.00
FL	MICCOSUKEE TRIBE	\$19,363.00
FL	MIRAMAR CITY	\$23,947.05
FL	MONROE COUNTY	\$20,430.00
FL	MIAMI GARDENS CITY	\$11,772.05
FL	NAPLES CITY	\$5,181.61
FL	NASSAU COUNTY	\$7,020.00
FL	NORTH MIAMI BEACH CITY	\$7,620.00
FL	NORTH PALM BEACH VILLAGE	\$1,402.50
FL	NORTH PORT CITY	\$2,936.00
FL	OAKLAND TOWN	\$2,100.00
FL	OCALA CITY	\$43,827.00
FL	OCEAN RIDGE TOWN	\$1,650.00
FL	OKEECHOBEE COUNTY	\$9,960.00
FL	ORANGE CITY	\$9,909.00
FL	ORLANDO CITY	\$112,333.81
FL	OVIEDO CITY	\$5,872.00
FL	PALATKA CITY	\$3,118.50
FL	PALM BEACH COUNTY	\$158,469.80
FL	PALM BEACH GARDENS CITY	\$15,470.63
FL	PALM BEACH SHORES TOWN	\$5,364.00
FL	PALM BEACH TOWN	\$7,755.00
FL	PALM SPRINGS VILLAGE	\$5,450.00
FL	PALMETTO CITY	\$3,600.00
FL	PANAMA CITY	\$7,908.75
FL	PANAMA CITY BEACH CITY	\$5,865.00
FL	PASCO COUNTY	\$140,540.07
FL	PEMBROKE PINES CITY	\$31,122.06
FL	PENSACOLA CITY	\$22,707.00
FL	PENSACOLA JUNIOR COLLEGE	\$724.44
FL	PINECREST VILLAGE	\$1,610.00
FL	PLANT CITY	\$3,304.80

FL	PONCE INLET TOWN	\$3,502.98
FL	PORT ST LUCIE CITY	\$32,327.84
FL	PUNTA GORDA CITY	\$11,529.20
FL	PUTNAM COUNTY	\$4,463.20
FL	RIVIERA BEACH CITY	\$7,520.70
FL	SANFORD CITY	\$21,481.20
FL	SANIBEL CITY	\$5,510.00
FL	SANTA FE COMMUNITY COLLEGE	\$4,428.50
FL	SANTA ROSA COUNTY	\$31,571.72
FL	SARASOTA CITY	\$18,870.00
FL	SATELLITE BEACH CITY	\$990.00
FL	SEBASTIAN CITY	\$4,893.10
FL	SEMINOLE TRIBE OF FLORIDA	\$10,125.00
FL	SEWALLS POINT TOWN	\$1,200.00
FL	SOUTH DAYTONA CITY	\$4,290.00
FL	SOUTH MIAMI CITY	\$2,761.00
FL	SPRINGFIELD CITY	\$2,000.00
FL	ST AUGUSTINE BEACH CITY	\$3,200.68
FL	ST CLOUD CITY	\$15,789.60
FL	ST JOHNS COUNTY	\$55,549.55
FL	ST LUCIE COUNTY	\$51,873.96
FL	STUART CITY	\$2,900.00
FL	SUNRISE CITY	\$13,470.56
FL	SWEETWATER CITY	\$1,750.00
FL	TARPON SPRINGS CITY	\$4,611.60
FL	TAVARES CITY	\$1,875.00
FL	TEMPLE TERRACE CITY	\$4,773.60
FL	TITUSVILLE CITY	\$9,180.00
FL	UMATILLA CITY	\$656.25
FL	VENICE CITY	\$2,104.78
FL	VERO BEACH CITY	\$11,144.00
FL	VOLUSIA COUNTY	\$85,107.35
FL	WALTON COUNTY	\$42,876.00
FL	WASHINGTON COUNTY	\$13,646.88
FL	WAUCHULA CITY	\$1,687.50
FL	WEST MELBOURNE CITY	\$5,895.00
FL	WEST PALM BEACH CITY	\$25,082.94
FL	WILDWOOD CITY	\$5,600.00
FL	WILTON MANORS CITY	\$2,715.00
FL	WINDERMERE TOWN	\$2,425.00
FL	WINTER GARDEN CITY	\$8,000.00
FL	WINTER HAVEN CITY	\$10,993.32
FL	WINTER PARK CITY	\$17,380.00
	Totals for FL(158 Jurisdictions):	\$2,498,316.25
GA	ALBANY CITY	\$10,762.50
GA	ALMA CITY	\$1,858.50
GA	ALPHARETTA CITY	\$15,375.00

GA	AMERICUS CITY	\$3,495.00
GA	AUBURN CITY	\$1,952.48
GA	BARNESVILLE CITY	\$1,192.50
GA	BEN HILL COUNTY	\$17,354.00
GA	BERRIEN COUNTY	\$2,439.50
GA	BLUE RIDGE CITY	\$3,668.50
GA	BYRON CITY	\$2,101.50
GA	CALHOUN CITY	\$5,526.25
GA	CAMDEN COUNTY	\$4,025.00
GA	CANTON CITY	\$3,650.00
GA	CARROLL COUNTY	\$8,703.96
GA	CARTERSVILLE CITY	\$3,390.00
GA	CATOOSA COUNTY	\$5,625.00
GA	CEDARTOWN CITY	\$695.00
GA	CHAMBLEE CITY	\$8,800.00
GA	CHATTOOGA COUNTY	\$2,975.00
GA	CLARKESVILLE CITY	\$2,700.00
GA	CLARKSTON CITY	\$7,862.50
GA	COCHRAN CITY	\$1,625.00
GA	COFFEE COUNTY	\$10,206.00
GA	COLLEGE PARK CITY	\$4,510.00
GA	COLQUITT COUNTY	\$5,950.00
GA	CONYERS CITY	\$16,689.75
GA	CORDELE CITY	\$14,090.00
GA	CORNELIA CITY	\$2,599.92
GA	DALLAS CITY	\$5,617.50
GA	DALTON CITY	\$7,500.00
GA	DAWSON COUNTY	\$2,100.00
GA	DEKALB COUNTY	\$67,179.88
GA	DEMOREST CITY	\$1,150.00
GA	DORAVILLE CITY	\$9,185.00
GA	DOUGHERTY COUNTY	\$20,949.93
GA	DOUGLAS CITY	\$3,612.50
GA	DOUGLASVILLE CITY	\$12,350.00
GA	DUBLIN CITY	\$5,137.50
GA	DULUTH CITY	\$4,231.38
GA	EAST POINT CITY	\$5,971.80
GA	ELLIJAY CITY	\$1,190.00
GA	EMERSON CITY	\$351.00
GA	FAYETTEVILLE CITY	\$6,374.80
GA	FITZGERALD CITY	\$3,992.50
GA	FLOYD COUNTY	\$5,550.00
GA	FORT OGLETHORPE	\$1,702.50
GA	FRANKLIN CITY	\$2,000.00
GA	GAINESVILLE CITY	\$7,986.00
GA	GEORGIA	\$95,653.76
GA	GLENNVILLE CITY	\$2,810.00

GA	GLYNN COUNTY	\$21,412.00
GA	GRADY COUNTY	\$6,068.50
GA	GREENE COUNTY	\$3,176.46
GA	GRIFFIN CITY	\$8,687.50
GA	HARRIS COUNTY	\$5,550.00
GA	HART COUNTY	\$9,800.00
GA	HENRY COUNTY	\$27,468.25
GA	HOMERVILLE CITY	\$2,800.00
GA	HOUSTON COUNTY	\$869.32
GA	JACKSON COUNTY	\$2,377.03
GA	JESUP CITY	\$3,030.00
GA	JOHNS CREEK CITY	\$9,062.50
GA	KENNESAW CITY	\$3,017.50
GA	KINGSLAND CITY	\$2,700.00
GA	LA FAYETTE CITY	\$2,832.50
GA	LAGRANGE CITY	\$4,972.50
GA	LAURENS COUNTY	\$4,065.00
GA	LAVONIA CITY	\$1,595.00
GA	LEE COUNTY	\$4,839.69
GA	LILBURN CITY	\$1,100.00
GA	LINCOLN COUNTY	\$1,150.00
GA	LUMPKIN COUNTY	\$6,930.00
GA	MADISON CITY	\$2,372.50
GA	MARIETTA CITY	\$6,843.00
GA	MCDONOUGH CITY	\$2,782.50
GA	MCINTOSH COUNTY	\$4,544.00
GA	MILLEDGEVILLE CITY	\$2,756.00
GA	MONROE CITY	\$6,957.43
GA	MONROE COUNTY	\$3,769.94
GA	MORGAN COUNTY	\$4,095.00
GA	MOULTRIE CITY	\$9,097.56
GA	MILTON CITY	\$3,740.00
GA	NASHVILLE CITY	\$3,170.00
GA	NEWNAN CITY	\$11,287.50
GA	NEWTON COUNTY	\$2,347.62
GA	PEACH COUNTY	\$1,625.00
GA	PEARSON CITY	\$2,527.85
GA	PERRY CITY	\$2,985.00
GA	PICKENS COUNTY	\$11,600.00
GA	POLK COUNTY	\$4,875.00
GA	PUTNAM COUNTY	\$1,719.00
GA	RICHMOND HILL CITY	\$4,680.00
GA	RIVERDALE CITY	\$6,842.50
GA	ROCKDALE COUNTY	\$14,100.00
GA	ROCKMART CITY	\$587.50
GA	ROME CITY	\$6,545.00
GA	ROSWELL CITY	\$11,120.00

GA	SMYRNA CITY	\$13,042.00
GA	ST MARYS CITY	\$2,765.00
GA	STEPHENS COUNTY	\$4,050.00
GA	STONE MOUNTAIN CITY	\$1,995.00
GA	SUMMERVILLE CITY	\$5,220.00
GA	SUMTER COUNTY	\$2,178.94
GA	TATTNALL COUNTY	\$3,705.00
GA	TELFAIR COUNTY	\$5,681.00
GA	TEMPLE CITY	\$5,900.00
GA	THOMASVILLE CITY	\$1,647.00
GA	TIFT COUNTY	\$3,150.00
GA	TIFTON CITY	\$8,787.50
GA	TYBEE ISLAND CITY	\$3,406.96
GA	TYRONE TOWN	\$1,323.73
GA	VALDOSTA CITY	\$21,715.50
GA	VIDALIA CITY	\$1,670.00
GA	VILLA RICA CITY	\$3,750.00
GA	WALKER COUNTY	\$10,485.00
GA	WALTON COUNTY	\$6,500.00
GA	WARNER ROBINS CITY	\$13,162.50
GA	WAYCROSS CITY	\$3,750.00
GA	WHITE COUNTY	\$3,963.00
GA	WHITESBURG CITY	\$2,260.47
	Totals for GA(120 Jurisdictions):	\$839,001.16
IA	ALBIA CITY	\$1,750.00
IA	AMES CITY	\$3,844.50
IA	ANKENY CITY	\$4,550.00
IA	BELLE PLAINE CITY	\$1,312.50
IA	BETTENDORF CITY	\$2,158.75
IA	BOONE COUNTY	\$3,375.00
IA	CARROLL CITY	\$1,383.20
IA	CEDAR FALLS CITY	\$1,792.50
IA	CHARLES CITY	\$1,410.00
IA	CLARINDA CITY	\$800.00
IA	CLAYTON COUNTY	\$4,812.50
IA	CLEAR LAKE CITY	\$1,600.00
IA	CLINTON CITY	\$2,003.25
IA	CLINTON COUNTY	\$3,166.25
IA	CLIVE CITY	\$2,397.00
IA	COLUMBUS JUNCTION CITY	\$598.35
IA	CORALVILLE CITY	\$6,370.00
IA	COUNCIL BLUFFS CITY	\$3,605.06
IA	DE WITT CITY	\$1,006.14
IA	DECORAH CITY	\$840.00
IA	DENISON CITY	\$2,000.00
IA	FLOYD COUNTY	\$1,598.00
IA	FOREST CITY	\$428.25

IA	FORT DODGE CITY	\$7,050.00
IA	FORT MADISON CITY	\$809.00
IA	GOWRIE CITY	\$2,400.00
IA	HENRY COUNTY	\$2,756.00
IA	HIAWATHA CITY	\$2,000.00
IA	HOWARD COUNTY	\$985.00
IA	IDA COUNTY	\$5,500.00
IA	INDIANOLA CITY	\$2,085.00
IA	JASPER COUNTY	\$1,191.00
IA	JOHNSTON CITY	\$4,394.50
IA	LISBON CITY	\$1,076.99
IA	LOGAN CITY	\$412.50
IA	LOUISA COUNTY	\$1,605.78
IA	MARION COUNTY	\$1,722.50
IA	MELCHER-DALLAS CITY	\$2,799.59
IA	MILLS COUNTY	\$1,762.50
IA	MOUNT VERNON CITY	\$525.00
IA	MUSCATINE CITY	\$460.00
IA	NASHUA CITY	\$1,780.00
IA	NORTH LIBERTY CITY	\$2,400.00
IA	OSCEOLA COUNTY	\$662.50
IA	OSKALOOSA CITY	\$1,739.65
IA	OTTUMWA CITY	\$5,033.00
IA	PAULLINA CITY	\$455.94
IA	PELLA CITY	\$3,432.50
IA	PLYMOUTH COUNTY	\$2,880.00
IA	SHENANDOAH CITY	\$1,048.50
IA	SIGOURNEY CITY	\$377.50
IA	SIOUX CITY	\$6,000.00
IA	SPENCER CITY	\$8,000.00
IA	SPIRIT LAKE CITY	\$1,600.00
IA	STORY COUNTY	\$4,494.00
IA	STRAWBERRY POINT CITY	\$539.99
IA	URBANDALE CITY	\$5,062.50
IA	WARREN COUNTY	\$4,800.00
IA	WATERLOO CITY	\$8,775.00
IA	WAUKEE CITY	\$2,000.00
IA	WEBSTER COUNTY	\$2,806.00
IA	WILLIAMSBURG CITY	\$2,400.00
IA	WINDSOR HEIGHTS CITY	\$1,067.50
	Totals for IA(63 Jurisdictions):	\$159,691.19
ID	BANNOCK COUNTY	\$8,622.00
ID	BLACKFOOT CITY	\$4,536.00
ID	BLAINE COUNTY	\$2,400.00
ID	BONNER COUNTY	\$5,822.13
ID	BOUNDARY COUNTY	\$3,245.00
ID	COEUR D ALENE CITY	\$6,939.00

ID	EMMETT CITY	\$2,880.00
ID	FRUITLAND CITY	\$5,163.30
ID	GARDEN CITY	\$2,800.00
ID	GOODING COUNTY	\$6,418.98
ID	HOMEDALE CITY	\$1,596.00
ID	IDAHO COUNTY	\$2,331.81
ID	IDAHO FALLS CITY	\$25,200.00
ID	LATAH COUNTY	\$2,400.00
ID	MADISON COUNTY	\$1,205.00
ID	MCCALL CITY	\$2,487.50
ID	MOSCOW CITY	\$2,800.00
ID	NAMPA CITY	\$7,500.00
ID	NEZ PERCE COUNTY	\$1,364.00
ID	PARMA CITY	\$2,590.38
ID	PAYETTE CITY	\$911.00
ID	POCATELLO CITY	\$12,880.00
ID	PONDERAY CITY	\$842.70
ID	PRESTON CITY	\$2,404.98
ID	RIGBY CITY	\$1,608.45
ID	RUPERT CITY	\$1,755.00
ID	SANDPOINT CITY	\$2,391.12
ID	ST ANTHONY CITY	\$917.37
ID	SUN VALLEY CITY	\$2,922.50
ID	TWIN FALLS COUNTY	\$13,437.50
ID	VALLEY COUNTY	\$3,979.00
	Totals for ID(31 Jurisdictions):	\$142,350.72
IL	ADDISON VILLAGE	\$7,220.00
IL	ALGONQUIN VILLAGE	\$3,140.00
IL	ALSIP VILLAGE	\$2,400.00
IL	ALTAMONT CITY	\$1,245.00
IL	ALTON CITY	\$4,659.00
IL	ANTIOCH VILLAGE	\$2,762.50
IL	ARLINGTON HEIGHTS VILLAGE	\$21,195.00
IL	BANNOCKBURN VILLAGE	\$3,124.50
IL	BARRINGTON HILLS VILLAGE	\$3,519.31
IL	BARTLETT VILLAGE	\$5,102.50
IL	BATAVIA CITY	\$9,015.00
IL	BEDFORD PARK VILLAGE	\$4,000.00
IL	BEECHER VILLAGE	\$1,480.00
IL	BELLWOOD VILLAGE	\$9,709.00
IL	BENSENVILLE VILLAGE	\$5,556.00
IL	BERKELEY VILLAGE	\$1,875.00
IL	BERWYN CITY	\$5,822.50
IL	BETHALTO VILLAGE	\$3,220.00
IL	BLOOMINGDALE VILLAGE	\$6,531.50
IL	BLUE ISLAND CITY	\$4,375.00
IL	BOURBONNAIS VILLAGE	\$3,200.00

IL	BRADLEY VILLAGE	\$2,621.00
IL	BRIDGEVIEW VILLAGE	\$11,845.00
IL	BUFFALO GROVE VILLAGE	\$4,808.09
IL	BURBANK CITY	\$3,001.92
IL	BURR RIDGE VILLAGE	\$3,075.00
IL	CAHOKIA VILLAGE	\$3,015.00
IL	CANTON CITY	\$2,730.00
IL	CAROL STREAM VILLAGE	\$5,440.00
IL	CARPENTERSVILLE VILLAGE	\$808.50
IL	CARTERVILLE CITY	\$2,981.91
IL	CENTRAL CITY VILLAGE	\$2,383.50
IL	CENTRALIA CITY	\$1,950.00
IL	CHAMPAIGN COUNTY	\$11,518.49
IL	CHARLESTON CITY	\$3,031.00
IL	CHICAGO HGHTS CITY	\$10,644.62
IL	CLARENDON HILLS VILLAGE	\$725.50
IL	CLARK COUNTY	\$6,000.00
IL	CLINTON CITY	\$1,540.00
IL	CLINTON COUNTY	\$3,975.00
IL	COAL CITY VILLAGE	\$2,250.00
IL	COAL VALLEY VILLAGE	\$199.75
IL	COLES COUNTY	\$3,940.00
IL	COLLEGE OF DUPAGE	\$1,168.15
IL	COLLINSVILLE CITY	\$8,525.00
IL	COLONA CITY	\$1,452.50
IL	COUNTRY CLUB HILLS	\$6,831.00
IL	CREST HILL CITY	\$4,375.00
IL	CRETE VILLAGE	\$3,375.00
IL	CREVE COEUR VILLAGE	\$2,400.00
IL	DANVILLE CITY	\$7,750.00
IL	DE KALB CITY	\$6,800.00
IL	DE KALB COUNTY	\$5,433.25
IL	DECATUR CITY	\$28,400.00
IL	DEER CREEK VILLAGE	\$1,500.00
IL	DEERFIELD VILLAGE	\$1,971.39
IL	DES PLAINES CITY	\$2,279.75
IL	DIVERNON VILLAGE	\$1,860.00
IL	DOWNERS GROVE VILLAGE	\$7,200.00
IL	DURAND VILLAGE	\$981.25
IL	EAST DUNDEE VILLAGE	\$1,213.50
IL	EAST HAZEL CREST VILLAGE	\$1,612.50
IL	EAST PEORIA CITY	\$3,975.00
IL	EAST ST LOUIS CITY	\$15,887.50
IL	EDWARDSVILLE	\$6,272.00
IL	EFFINGHAM CITY	\$4,660.00
IL	EL PASO CITY	\$1,890.00
IL	ELGIN CITY	\$20,352.05

IL	ELK GROVE VILLAGE	\$15,700.00
IL	ELMHURST CITY	\$4,550.00
IL	EVANSTON CITY	\$12,910.00
IL	EVERGREEN PARK VILLAGE	\$6,410.00
IL	FAIRMONT CITY VILLAGE	\$4,950.00
IL	FAIRVIEW HEIGHTS CITY	\$8,361.62
IL	FAYETTE COUNTY	\$4,800.00
IL	FLOSSMOOR VILLAGE	\$1,005.13
IL	FORD COUNTY	\$2,944.98
IL	FOREST PARK VILLAGE	\$3,166.92
IL	FOX LAKE VILLAGE	\$2,400.00
IL	FOX RIVER GROVE VILLAGE	\$1,887.00
IL	FRANKFORT VILLAGE	\$5,047.50
IL	FRANKLIN PARK VILLAGE	\$3,596.00
IL	FREEBURG VILLAGE	\$1,787.50
IL	FREEPORT CITY	\$1,405.75
IL	FOREST PRESERVE DISTRICT OF DUPAGE COUNTY	\$2,156.10
IL	GALESBURG CITY	\$1,766.25
IL	GENEVA CITY	\$2,287.50
IL	GENOA CITY	\$341.50
IL	GIBSON CITY	\$699.00
IL	GILBERTS VILLAGE	\$1,200.00
IL	GLEN CARBON VILLAGE	\$3,200.00
IL	GLEN ELLYN VILLAGE	\$1,680.00
IL	GLENCOE VILLAGE	\$3,150.00
IL	GRAND RIDGE VILLAGE	\$367.35
IL	GRANDVIEW VILLAGE	\$2,000.00
IL	GRANITE CITY	\$2,770.64
IL	GRANTFORK VILLAGE	\$1,500.00
IL	GREENVILLE CITY	\$905.00
IL	GURNEE VILLAGE	\$5,280.00
IL	HAMEL VILLAGE	\$2,007.50
IL	HANOVER PARK VILLAGE	\$5,185.00
IL	HARVEY CITY	\$9,375.00
IL	HAWTHORNE WOODS VILLAGE	\$3,200.00
IL	HENRY COUNTY	\$1,797.75
IL	HIGHLAND CITY	\$1,640.00
IL	HIGHLAND PARK CITY	\$4,170.00
IL	HINSDALE VILLAGE	\$2,163.73
IL	HOMEWOOD VILLAGE	\$4,269.50
IL	HUNTLEY VILLAGE	\$2,140.00
IL	ILLINOIS	\$32,946.35
IL	ILLINOIS CENTRAL COLLEGE	\$1,294.93
IL	ITASCA VILLAGE	\$2,390.00
IL	JACKSON COUNTY	\$1,770.00
IL	JOLIET CITY	\$25,270.96
IL	KEWANEE CITY	\$800.00

IL	KNOX COUNTY	\$2,105.00
IL	LA GRANGE VILLAGE	\$2,785.00
IL	LA SALLE CITY	\$730.39
IL	LAKE BLUFF VILLAGE	\$399.15
IL	LAKE IN THE HILLS VILLAGE	\$1,400.00
IL	LAKE VILLA VILLAGE	\$2,165.37
IL	LAKE ZURICH VILLAGE	\$1,755.00
IL	LAKEMOOR VILLAGE	\$1,562.50
IL	LANSING VILLAGE	\$2,900.00
IL	LE ROY CITY	\$825.00
IL	LEE COUNTY	\$1,662.50
IL	LEMONT VILLAGE	\$3,500.00
IL	LIBERTYVILLE VILLAGE	\$1,781.65
IL	LINCOLN CITY	\$3,311.50
IL	LINCOLNSHIRE VILLAGE	\$4,137.50
IL	LOCKPORT CITY	\$3,082.00
IL	LOMBARD VILLAGE	\$7,326.65
IL	MACOMB CITY	\$2,713.75
IL	MAHOMET VILLAGE	\$2,800.00
IL	MANHATTAN VILLAGE	\$1,357.00
IL	MANTENO VILLAGE	\$400.00
IL	MARENGO CITY	\$1,200.00
IL	MARKHAM CITY	\$6,942.00
IL	MARSHALL CITY	\$800.00
IL	MARSHALL COUNTY	\$800.00
IL	MARYVILLE VILLAGE	\$1,077.50
IL	MATTOON CITY	\$2,226.00
IL	MELROSE PARK VILLAGE	\$16,800.00
IL	MENDOTA CITY	\$3,506.74
IL	MIDLOTHIAN VILLAGE	\$2,825.00
IL	MINONK CITY	\$2,250.00
IL	MOKENA VILLAGE	\$2,845.20
IL	MOLINE CITY	\$4,194.75
IL	MONTGOMERY VILLAGE	\$1,905.00
IL	MORRISON CITY	\$407.50
IL	MORTON GROVE VILLAGE	\$3,818.75
IL	MOULTRIE COUNTY	\$1,992.50
IL	MOUNT CARMEL CITY	\$3,265.00
IL	MOUNT PROSPECT VILLAGE	\$11,169.00
IL	MOUNT ZION VILLAGE	\$1,567.01
IL	MT. PULASKI CITY	\$1,222.50
IL	MURPHYSBORO CITY	\$3,138.00
IL	NAPERVILLE CITY	\$4,265.11
IL	NEW LENOX VILLAGE	\$7,191.00
IL	NEWTON CITY	\$1,177.50
IL	NILES VILLAGE	\$2,800.00
IL	NORRIDGE VILLAGE	\$3,200.00

IL	NORTH AURORA VILLAGE	\$1,805.25
IL	NORTH RIVERSIDE VILLAGE	\$3,200.00
IL	NORTHFIELD VILLAGE	\$1,605.00
IL	NAPERVILLE PARK DISTRICT	\$2,943.02
IL	OAK BROOK VILLAGE	\$4,550.00
IL	OAK FOREST CITY	\$2,866.50
IL	OAK LAWN VILLAGE	\$5,180.00
IL	OAK PARK VILLAGE	\$17,053.25
IL	OAKBROOK TERRACE CITY	\$1,692.50
IL	OAKTON COMMUNITY COLLEGE	\$797.79
IL	OLYMPIA FIELDS VILLAGE	\$4,800.00
IL	ORLAND PARK VILLAGE	\$7,645.00
IL	OSWEGO VILLAGE	\$1,211.00
IL	PALATINE VILLAGE	\$1,019.95
IL	PALESTINE VILLAGE	\$399.50
IL	PALOS HEIGHTS CITY	\$5,822.50
IL	PALOS PARK VILLAGE	\$1,612.50
IL	PANA CITY	\$857.82
IL	PARK FOREST VILLAGE	\$7,316.00
IL	PEOTONE VILLAGE	\$4,800.00
IL	PLAINFIELD VILLAGE	\$3,785.00
IL	PLANO CITY	\$2,432.50
IL	PRAIRIE GROVE VILLAGE	\$2,000.00
IL	PROSPECT HEIGHTS CITY	\$3,140.00
IL	PEORIA PARK DISTRICT	\$3,395.79
IL	RANTOUL VILLAGE	\$2,971.46
IL	RICHLAND COUNTY	\$2,042.50
IL	RICHMOND VILLAGE	\$6,225.00
IL	RICHTON PARK VILLAGE	\$1,359.10
IL	RIVER FOREST VILLAGE	\$3,600.00
IL	RIVERSIDE VILLAGE	\$4,000.00
IL	RIVERWOODS VILLAGE	\$3,590.00
IL	ROCHESTER VILLAGE	\$790.00
IL	ROCK FALLS CITY	\$1,005.71
IL	ROCKFORD CITY	\$24,419.07
IL	ROLLING MEADOWS CITY	\$1,962.50
IL	ROMEOVILLE VILLAGE	\$7,600.00
IL	ROSCOE VILLAGE	\$785.00
IL	ROSEMONT VILLAGE	\$6,780.00
IL	ROUND LAKE BEACH VILLAGE	\$2,158.15
IL	ROUND LAKE VILLAGE	\$2,695.00
IL	ROXANA VILLAGE	\$2,325.00
IL	ROCK VALLEY COLLEGE	\$1,711.48
IL	SALEM CITY	\$2,750.00
IL	SAUK VILLAGE VILLAGE	\$1,205.00
IL	SAVANNA CITY	\$621.57
IL	SCHAUMBURG VILLAGE	\$9,040.00

IL	SHILOH VILLAGE	\$3,425.00
IL	SILVIS CITY	\$4,202.55
IL	SKOKIE VILLAGE	\$18,273.25
IL	SMITHTON VILLAGE	\$1,937.50
IL	SOUTH BARRINGTON VILLAGE	\$7,694.50
IL	SOUTH BELOIT CITY	\$2,000.00
IL	SOUTH SUBURBAN COLLEGE	\$7,323.03
IL	SPRINGFIELD CITY	\$6,030.91
IL	ST CLAIR COUNTY	\$7,674.47
IL	ST.CHARLES CITY	\$11,505.00
IL	STEPHENSON COUNTY	\$2,012.50
IL	STERLING CITY	\$1,403.50
IL	STONINGTON VILLAGE	\$1,192.50
IL	STREAMWOOD VILLAGE	\$4,760.00
IL	SUMMIT VILLAGE	\$3,545.00
IL	SWANSEA VILLAGE	\$395.50
IL	TAZEWELL COUNTY	\$1,136.46
IL	THORNTON VILLAGE	\$1,213.00
IL	TOLUCA CITY	\$1,875.00
IL	TRENTON CITY	\$1,494.00
IL	TROY CITY	\$6,975.00
IL	TUSCOLA CITY	\$1,400.00
IL	UNION VILLAGE	\$785.00
IL	URBANA CITY	\$5,107.50
IL	VERNON HILLS VILLAGE	\$3,200.00
IL	VILLA PARK VILLAGE	\$4,675.00
IL	VILLAGE OF LAGRANGE PARK	\$1,200.00
IL	WARRENSBURG VILLAGE	\$2,352.00
IL	WATSEKA CITY	\$449.00
IL	WAUCONDA VILLAGE	\$5,845.00
IL	WAUKEGAN CITY	\$23,300.00
IL	WEST CHICAGO CITY	\$3,440.00
IL	WEST DUNDEE VILLAGE	\$2,747.50
IL	WESTERN SPRINGS VILLAGE	\$2,804.01
IL	WESTMONT VILLAGE	\$4,500.00
IL	WHEATON CITY	\$6,400.00
IL	WHEELING VILLAGE	\$11,250.00
IL	WILLIAMSON COUNTY	\$1,610.00
IL	WILMETTE VILLAGE	\$6,890.63
IL	WINFIELD VILLAGE	\$1,779.90
IL	WINNETKA VILLAGE	\$398.40
IL	WINTHROP HARBOR VILLAGE	\$4,772.00
IL	WOOD DALE CITY	\$2,099.50
IL	WOODRIDGE VILLAGE	\$4,264.75
IL	WOODSON VILLAGE	\$1,300.00
IL	WORTH VILLAGE	\$2,000.00
	Totals for IL(255 Jurisdictions):	\$1,079,939.68

IN	ALEXANDRIA CITY	\$3,576.65
IN	ANDERSON CITY	\$7,475.00
IN	ANGOLA CITY	\$4,546.50
IN	AURORA CITY	\$4,000.00
IN	AVON TOWN	\$4,629.95
IN	BATESVILLE CITY	\$1,155.00
IN	BLOOMINGTON CITY	\$32,401.51
IN	BLUFFTON CITY	\$1,999.98
IN	BOONE COUNTY	\$6,387.50
IN	BOURBON TOWN	\$2,811.60
IN	BREMEN TOWN	\$800.00
IN	BROWNSBURG TOWN	\$2,400.00
IN	CARMEL CITY	\$7,600.00
IN	CARROLL COUNTY	\$7,412.50
IN	CEDAR LAKE TOWN	\$7,900.00
IN	CHESTERFIELD TOWN	\$2,187.50
IN	CHESTERTON TOWN	\$3,090.50
IN	CHURUBUSCO TOWN	\$5,200.00
IN	CICERO TOWN	\$5,011.44
IN	CLAY CITY TOWN	\$1,350.00
IN	CLAYTON TOWN	\$800.00
IN	COLUMBIA CITY	\$739.00
IN	CONNERSVILLE CITY	\$2,550.00
IN	CRAWFORD COUNTY	\$5,370.00
IN	CROWN POINT CITY	\$2,800.00
IN	DANVILLE TOWN	\$3,500.00
IN	DELPHI CITY	\$1,850.00
IN	DYER TOWN	\$2,097.00
IN	EDWARDSPOORT TOWN	\$2,000.00
IN	ELKHART CITY	\$12,307.73
IN	FERDINAND TOWN	\$1,185.00
IN	FISHERS TOWN	\$5,200.00
IN	FRANCISCO TOWN	\$704.99
IN	FRANKLIN COUNTY	\$2,137.50
IN	GARRETT CITY	\$4,000.00
IN	GOSHEN CITY	\$16,434.00
IN	GREENDALE CITY	\$4,000.00
IN	GREENFIELD CITY	\$11,430.00
IN	GREENSBURG CITY	\$3,500.00
IN	GREENTOWN TOWN	\$1,424.98
IN	GREENWOOD CITY	\$7,569.00
IN	GRIFFITH TOWN	\$4,650.00
IN	HAMMOND CITY	\$13,223.13
IN	HAUBSTADT TOWN	\$800.00
IN	HEBRON TOWN	\$5,287.50
IN	HENRY COUNTY	\$20,760.00
IN	HIGHLAND TOWN	\$4,675.00

IN	HOBART CITY	\$6,250.00
IN	HOMECROFT TOWN	\$3,582.47
IN	HOWARD COUNTY	\$14,707.50
IN	HUNTINGBURG CITY	\$1,962.50
IN	HUNTINGTON COUNTY	\$7,920.00
IN	INDIANA	\$14,667.07
IN	JAMESTOWN TOWN	\$911.85
IN	JASPER CITY	\$3,555.00
IN	JEFFERSONVILLE CITY	\$2,452.68
IN	KENNARD TOWN	\$1,910.00
IN	KOKOMO CITY	\$4,599.94
IN	LAFAYETTE CITY	\$7,275.00
IN	LAWRENCE CITY	\$7,414.00
IN	LEBANON CITY	\$4,000.00
IN	LOGANSPOUT CITY	\$4,319.94
IN	LOGOOTE CITY	\$1,641.98
IN	LOWELL TOWN	\$975.00
IN	LEAVENWORTH TOWN	\$760.00
IN	MARION CITY	\$10,280.00
IN	MARION COUNTY	\$35,316.13
IN	MARTINSVILLE CITY	\$4,964.90
IN	MERRILLVILLE TOWN	\$4,026.00
IN	MISHAWAKA CITY	\$27,023.50
IN	MONTGOMERY COUNTY	\$3,667.54
IN	MOORESVILLE TOWN	\$904.99
IN	MORGAN COUNTY	\$13,019.86
IN	MUNCIE CITY	\$11,550.00
IN	MUNSTER TOWN	\$4,810.00
IN	NEW CASTLE CITY	\$2,757.50
IN	NEW CHICAGO TOWN	\$4,000.00
IN	NEW HAVEN CITY	\$2,050.00
IN	NEWBURGH TOWN	\$885.00
IN	NOBLE COUNTY	\$9,090.00
IN	NOBLESVILLE CITY	\$3,760.00
IN	NORTH MANCHESTER TOWN	\$1,580.00
IN	NORTH VERNON CITY	\$1,740.00
IN	NORTH WEBSTER TOWN	\$401.00
IN	PARKE COUNTY	\$4,447.96
IN	PERU CITY	\$4,194.00
IN	PIKE TOWNSHIP	\$1,087.50
IN	PLYMOUTH CITY	\$1,050.00
IN	PORTAGE CITY	\$12,730.00
IN	PORTLAND CITY	\$805.48
IN	POSEY COUNTY	\$3,482.50
IN	RUSHVILLE CITY	\$1,543.97
IN	SELMA TOWN	\$2,065.00
IN	SEYMOUR CITY	\$2,940.00

IN	SHELBY COUNTY	\$3,200.00
IN	TELL CITY	\$7,075.00
IN	TERRE HAUTE CITY	\$1,858.13
IN	TIPPECANOE COUNTY	\$2,535.52
IN	TIPTON CITY	\$1,220.00
IN	VALPARAISO CITY	\$4,225.00
IN	VANDEBURGH COUNTY	\$3,395.79
IN	VINCENNES CITY	\$5,817.50
IN	WABASH COUNTY	\$4,625.00
IN	WARRICK COUNTY	\$7,082.50
IN	WARSAW CITY	\$6,050.00
IN	WASHINGTON CITY	\$6,880.00
IN	WATERLOO TOWN	\$1,660.00
IN	WEST LAFAYETTE CITY	\$4,822.50
IN	WHITESTOWN TOWN	\$2,678.03
IN	WHITLEY COUNTY	\$6,400.00
IN	WOLCOTTVILLE TOWN	\$650.00
IN	WOODBURN CITY	\$1,185.00
	Totals for IN(112 Jurisdictions):	\$589,368.19
KS	ABILENE CITY	\$370.00
KS	ALLEN COUNTY	\$1,747.50
KS	ANDOVER CITY	\$4,128.99
KS	ATCHISON COUNTY	\$6,799.03
KS	AUGUSTA CITY	\$2,293.88
KS	BALDWIN CITY	\$1,075.00
KS	BASEHOR CITY	\$1,600.00
KS	BEL AIRE CITY	\$1,600.00
KS	BELOIT CITY	\$1,247.50
KS	BONNER SPRINGS CITY	\$3,258.00
KS	BURLINGTON CITY	\$669.45
KS	BUTLER COUNTY	\$4,009.35
KS	CHAPMAN CITY	\$2,545.20
KS	CHERRYVALE CITY	\$4,000.00
KS	CLAY CENTER CITY	\$2,469.83
KS	CLOUD COUNTY	\$7,200.00
KS	COFFEYVILLE CITY	\$1,198.00
KS	COLBY CITY	\$1,365.68
KS	COLWICH CITY	\$1,184.99
KS	COUNCIL GROVE CITY	\$1,694.00
KS	COWLEY COUNTY	\$3,108.00
KS	CRAWFORD COUNTY	\$9,899.85
KS	DERBY CITY	\$3,789.00
KS	EL DORADO CITY	\$2,010.15
KS	EMPORIA CITY	\$7,980.00
KS	FAIRWAY CITY	\$2,798.50
KS	FRANKLIN COUNTY	\$2,025.00
KS	FRONTENAC CITY	\$187.00

KS	GALENA CITY	\$1,461.50
KS	GARDEN CITY	\$6,390.00
KS	GARNETT CITY	\$1,425.00
KS	GODDARD CITY	\$362.50
KS	HALSTEAD CITY	\$1,480.00
KS	HAMILTON COUNTY	\$1,447.50
KS	HAYSVILLE CITY	\$1,545.02
KS	HORTON CITY	\$3,000.00
KS	HUTCHINSON CITY	\$26,400.00
KS	IOLA CITY	\$5,407.50
KS	JEFFERSON COUNTY	\$6,808.13
KS	JUNCTION CITY	\$7,212.87
KS	LABETTE COUNTY	\$6,938.00
KS	LARNED CITY	\$1,842.00
KS	LAWRENCE CITY	\$13,019.85
KS	LEAVENWORTH CITY	\$1,807.75
KS	LEAWOOD CITY	\$5,935.00
KS	LENEXA CITY	\$13,958.00
KS	LIBERAL CITY	\$4,045.26
KS	LYON COUNTY	\$1,783.71
KS	LYONS CITY	\$1,958.00
KS	MARSHALL COUNTY	\$1,396.00
KS	MARYSVILLE CITY	\$1,425.00
KS	MCPHERSON CITY	\$2,235.00
KS	MCPHERSON COUNTY	\$1,437.50
KS	MEADE CITY	\$1,633.50
KS	MERRIAM CITY	\$3,460.00
KS	MINNEAPOLIS CITY	\$2,732.50
KS	MOUNDRIDGE CITY	\$1,255.50
KS	MOUNT HOPE CITY	\$1,600.00
KS	NEODESHA CITY	\$1,599.00
KS	NEWTON CITY	\$6,774.84
KS	OSAGE CITY	\$724.97
KS	PAOLA CITY	\$945.00
KS	PARK CITY	\$1,042.50
KS	PARSONS CITY	\$2,217.25
KS	PRAIRIE VILLAGE CITY	\$6,336.50
KS	PRATT CITY	\$4,875.00
KS	PRAIRIE BAND POTAWATOMI INDIANS	\$1,612.50
KS	RENO COUNTY	\$1,730.00
KS	RILEY COUNTY	\$8,400.00
KS	ROOKS COUNTY	\$400.00
KS	RUSSELL CITY	\$3,200.00
KS	SALINA CITY	\$6,562.50
KS	SALINE COUNTY	\$3,749.00
KS	SHAWNEE CITY	\$3,651.00
KS	SHERIDAN COUNTY	\$1,600.00

KS	SOUTH HUTCHINSON CITY	\$1,765.00
KS	STEVENS COUNTY	\$3,200.00
KS	THOMAS COUNTY	\$2,000.00
KS	TONGANOXIE CITY	\$2,377.50
KS	VALLEY CENTER CITY	\$1,495.00
KS	WINFIELD CITY	\$3,840.00
KS	WOODSON COUNTY	\$1,190.00
	Totals for KS(82 Jurisdictions):	\$284,944.05
KY	ANDERSON COUNTY	\$8,000.00
KY	BELLEVUE CITY	\$1,027.50
KY	BOWLING GREEN CITY	\$18,450.00
KY	CAMPBELL COUNTY	\$1,450.00
KY	CAMPBELLSVILLE CITY	\$1,572.50
KY	COVINGTON CITY	\$16,380.00
KY	DAYTON CITY	\$1,875.00
KY	ELIZABETHTOWN CITY	\$2,277.00
KY	ELSMERE CITY	\$1,370.00
KY	ERLANGER CITY	\$4,400.00
KY	FLORENCE CITY	\$4,725.00
KY	FORT THOMAS CITY	\$1,450.00
KY	HENDERSON CITY	\$9,870.00
KY	HOPKINSVILLE CITY	\$17,313.25
KY	INDEPENDENCE CITY	\$3,127.50
KY	LEE COUNTY	\$761.04
KY	MURRAY CITY	\$1,920.00
KY	OWENSBORO CITY	\$5,336.00
KY	PADUCAH CITY	\$6,330.00
KY	PIKEVILLE CITY	\$1,437.23
KY	RICHMOND CITY	\$5,400.00
KY	SHELBYVILLE CITY	\$5,670.00
KY	SOUTHGATE CITY	\$1,162.50
KY	TAYLOR MILL CITY	\$2,400.00
	Totals for KY(24 Jurisdictions):	\$123,704.52
LA	ACADIA PARISH	\$9,720.00
LA	ALEXANDRIA CITY	\$18,264.00
LA	ASCENSION PARISH	\$11,507.18
LA	ASSUMPTION PARISH	\$3,682.50
LA	CADDO PARISH	\$67,480.97
LA	COVINGTON CITY	\$3,510.00
LA	DE RIDDER CITY	\$2,646.16
LA	DENHAM SPRINGS CITY	\$3,200.00
LA	DODSON VILLAGE	\$642.50
LA	EAST FELICIANA PARISH	\$11,016.00
LA	EAST BATON ROUGE PARISH SHERIFF'S OFFICE	\$111,281.11
LA	FRANKLIN CITY	\$897.00
LA	GRAMBLING TOWN	\$3,921.50
LA	GREENWOOD TOWN	\$1,779.00

LA	GRETNA CITY	\$12,000.00
LA	HAMMOND CITY	\$8,500.00
LA	HAUGHTON TOWN	\$1,902.50
LA	HOUMA CITY	\$6,800.00
LA	JACKSON PARISH	\$4,819.00
LA	KENNER CITY	\$2,275.00
LA	LAFOURCHE PARISH SHERIFF'S OFFICE	\$4,975.00
LA	LAKE ARTHUR TOWN	\$3,265.00
LA	LAKE CHARLES CITY	\$7,362.50
LA	LIVINGSTON PARISH	\$11,455.11
LA	LOUISIANA	\$332,172.02
LA	MONROE CITY	\$5,819.00
LA	MOREHOUSE PARISH	\$1,506.00
LA	MORGAN CITY	\$3,022.80
LA	NATCHITOCHES CITY	\$3,295.00
LA	NATCHITOCHES PARISH	\$7,340.00
LA	NEW IBERIA CITY	\$18,538.00
LA	NEW ROADS CITY	\$766.75
LA	PEARL RIVER TOWN	\$3,572.80
LA	PINEVILLE CITY	\$6,300.00
LA	POINTE COUPEE PARISH	\$4,554.00
LA	PONCHATOULA CITY	\$12,818.00
LA	RAPIDES PARISH	\$25,298.12
LA	ROSEPINE TOWN	\$1,771.00
LA	SLIDELL CITY	\$28,069.00
LA	ST BERNARD PARISH	\$836.80
LA	ST JOHN THE BAPTIST PARISH SHERIFF'S OFFICE	\$11,500.00
LA	ST LANDRY PARISH SHERIFF DEPARTMENT	\$10,626.00
LA	ST MARTIN PARISH	\$3,795.00
LA	ST MARY PARISH	\$8,866.75
LA	ST TAMMANY PARISH	\$39,119.40
LA	SULPHUR CITY	\$6,162.50
LA	TANGIPAHOA PARISH	\$2,295.55
LA	UNION PARISH	\$2,916.00
LA	WALKER TOWN	\$972.00
LA	WEST FELICIANA PARISH	\$3,888.00
LA	WEST MONROE CITY	\$7,340.00
	Totals for LA(51 Jurisdictions):	\$866,062.52
MA	ACTON TOWN	\$1,790.00
MA	AGAWAM CITY	\$32,662.50
MA	AMHERST TOWN	\$3,560.00
MA	ANDOVER TOWN	\$4,899.95
MA	AQUINNAH TOWN	\$1,002.50
MA	ASHFIELD TOWN	\$4,000.00
MA	ATTLEBORO CITY	\$11,187.50
MA	BARNSTABLE CITY	\$19,600.00
MA	BARRE TOWN	\$3,200.00

MA	BEDFORD TOWN	\$2,174.70
MA	BELCHERTOWN TOWN	\$350.00
MA	BELMONT TOWN	\$4,800.00
MA	BERKLEY TOWN	\$2,567.50
MA	BOLTON TOWN	\$4,304.00
MA	BOURNE TOWN	\$3,199.96
MA	BOXFORD TOWN	\$1,590.00
MA	BRAINTREE TOWN	\$21,320.00
MA	BRIDGEWATER TOWN	\$2,400.00
MA	BROCKTON CITY	\$39,350.50
MA	CANTON TOWN	\$2,685.00
MA	CHARLEMONT TOWN	\$5,500.00
MA	CHELSEA CITY	\$12,025.00
MA	CHESHIRE TOWN	\$915.00
MA	CHESTERFIELD TOWN	\$1,500.00
MA	CHILMARK TOWN	\$1,492.50
MA	COHASSET TOWN	\$10,461.55
MA	CUMMINGTON TOWN	\$1,560.00
MA	DALTON TOWN	\$1,987.50
MA	DARTMOUTH TOWN	\$8,800.00
MA	DEDHAM TOWN	\$14,707.50
MA	DEERFIELD TOWN	\$2,347.50
MA	DENNIS TOWN	\$2,580.00
MA	DIGHTON TOWN	\$8,400.00
MA	DRACUT TOWN	\$4,350.00
MA	DUDLEY TOWN	\$1,200.00
MA	EAST BRIDGEWATER TOWN	\$1,600.00
MA	EASTHAM TOWN	\$1,482.00
MA	EASTHAMPTON TOWN	\$2,070.00
MA	EASTON TOWN	\$1,987.50
MA	ESSEX TOWN	\$7,599.96
MA	EVERETT CITY	\$8,459.00
MA	FAIRHAVEN TOWN	\$9,169.50
MA	FALL RIVER CITY	\$38,400.00
MA	FALMOUTH TOWN	\$10,255.36
MA	FITCHBURG CITY	\$7,200.00
MA	FOXBOROUGH TOWN	\$7,731.90
MA	FRANKLIN CITY	\$6,400.00
MA	GEORGETOWN TOWN	\$3,980.00
MA	GLOUCESTER CITY	\$5,962.50
MA	GOSHEN TOWN	\$2,375.00
MA	GRAFTON TOWN	\$5,593.00
MA	GRANBY TOWN	\$1,700.00
MA	GREAT BARRINGTON TOWN	\$1,396.17
MA	GREENFIELD TOWN	\$11,600.00
MA	HALIFAX TOWN	\$5,817.50
MA	HAMPDEN TOWN	\$3,400.00

MA	HAVERHILL CITY	\$33,000.00
MA	HINGHAM TOWN	\$19,080.00
MA	HINSDALE TOWN	\$1,414.00
MA	HOLBROOK TOWN	\$447.50
MA	HOLLAND TOWN	\$5,425.00
MA	HOLLISTON TOWN	\$5,215.00
MA	HOPEDALE TOWN	\$2,496.75
MA	HUBBARDSTON TOWN	\$1,275.00
MA	HULL TOWN	\$8,927.16
MA	KINGSTON TOWN	\$2,000.00
MA	LAKEVILLE TOWN	\$5,566.05
MA	LAWRENCE CITY	\$23,604.00
MA	LEE TOWN	\$4,554.00
MA	LEVERETT TOWN	\$2,400.00
MA	LEXINGTON TOWN	\$6,265.00
MA	LONGMEADOW TOWN	\$6,000.00
MA	LYNN CITY	\$68,000.00
MA	LYNNFIELD TOWN	\$1,200.00
MA	MALDEN CITY	\$31,875.00
MA	MARBLEHEAD TOWN	\$1,653.00
MA	MARLBOROUGH CITY	\$2,006.88
MA	MATTAPOISETT TOWN	\$9,600.00
MA	MEDFORD CITY	\$19,885.38
MA	MELROSE CITY	\$3,657.50
MA	MENDON TOWN	\$3,200.00
MA	METHUEN CITY	\$14,700.00
MA	MILLIS TOWN	\$5,885.25
MA	MILLVILLE TOWN	\$2,559.72
MA	MILTON TOWN	\$5,200.00
MA	MONSON TOWN	\$1,525.00
MA	MONTEREY TOWN	\$2,685.00
MA	NAHANT TOWN	\$2,400.00
MA	NATICK TOWN	\$6,767.50
MA	NEEDHAM TOWN	\$5,600.00
MA	NEWBURYPORT CITY	\$3,975.00
MA	NEWTON CITY	\$13,327.35
MA	NORFOLK TOWN	\$3,180.00
MA	NORTH ADAMS CITY	\$12,400.00
MA	NORTH ANDOVER TOWN	\$3,893.67
MA	NORTH BROOKFIELD TOWN	\$2,400.00
MA	NORTHAMPTON CITY	\$4,493.70
MA	NORTHBOROUGH TOWN	\$1,393.50
MA	NORTHFIELD TOWN	\$3,500.00
MA	NORTON TOWN	\$4,800.00
MA	NORWELL TOWN	\$3,400.00
MA	NORWOOD TOWN	\$5,100.00
MA	OAKHAM TOWN	\$1,275.00

MA	PALMER TOWN	\$5,500.00
MA	PAXTON TOWN	\$3,399.96
MA	PETERSHAM TOWN	\$3,720.00
MA	PHILLIPSTON TOWN	\$5,087.50
MA	PLYMOUTH TOWN	\$8,680.00
MA	PRINCETON TOWN	\$1,447.88
MA	PROVINCETOWN TOWN	\$1,492.50
MA	QUINCY CITY	\$23,055.00
MA	READING TOWN	\$4,887.74
MA	REVERE CITY	\$8,387.55
MA	ROCKLAND TOWN	\$8,055.00
MA	ROWLEY TOWN	\$2,782.50
MA	RUTLAND TOWN	\$3,296.00
MA	SALEM CITY	\$6,300.00
MA	SANDWICH TOWN	\$4,420.00
MA	SEEKONK TOWN	\$2,181.80
MA	SHARON TOWN	\$6,265.00
MA	SHREWSBURY TOWN	\$3,308.80
MA	SOMERSET TOWN	\$4,650.00
MA	SOMERVILLE CITY	\$8,000.00
MA	SOUTHBOROUGH TOWN	\$2,800.00
MA	SOUTHBRIDGE TOWN	\$1,970.23
MA	SOUTHWICK TOWN	\$1,706.58
MA	STOUGHTON TOWN	\$5,050.60
MA	STURBRIDGE TOWN	\$2,737.50
MA	SUDBURY TOWN	\$8,502.50
MA	TAUNTON CITY	\$11,187.50
MA	TEMPLETON TOWN	\$2,017.90
MA	TEWKSBURY TOWN	\$15,502.50
MA	TOPSFIELD TOWN	\$4,250.00
MA	TOWNSEND TOWN	\$2,385.00
MA	TYNGS BOROUGH TOWN	\$1,700.00
MA	WAKEFIELD TOWN	\$10,537.50
MA	WALPOLE TOWN	\$2,685.00
MA	WARREN TOWN	\$2,400.00
MA	WATERTOWN CITY	\$4,800.00
MA	WAYLAND TOWN	\$5,167.50
MA	WEBSTER TOWN	\$4,249.95
MA	WELLESLEY TOWN	\$5,850.00
MA	WEST BOYLSTON TOWN	\$1,511.25
MA	WEST SPRINGFIELD TOWN	\$17,200.00
MA	WEST TISBURY TOWN	\$1,500.00
MA	WESTFORD TOWN	\$3,200.00
MA	WILBRAHAM TOWN	\$2,114.00
MA	WILLIAMSBURG TOWN	\$779.00
MA	WILMINGTON TOWN	\$3,162.00
MA	WINCHESTER TOWN	\$800.00

MA	YARMOUTH TOWN	\$3,980.00
	Totals for MA(151 Jurisdictions):	\$1,012,521.70
MD	ALLEGANY COUNTY	\$12,720.00
MD	BALTIMORE COUNTY	\$85,073.49
MD	BEL AIR TOWN	\$2,531.52
MD	BERLIN TOWN	\$1,265.00
MD	BLADENSBURG TOWN	\$4,807.00
MD	BRUNSWICK CITY	\$1,598.00
MD	CAMBRIDGE CITY	\$1,800.00
MD	CAPITOL HEIGHTS TOWN	\$4,371.90
MD	CAROLINE COUNTY	\$4,125.00
MD	CARROLL COUNTY	\$849.83
MD	CECIL COUNTY	\$10,649.17
MD	CHARLES COUNTY	\$43,725.90
MD	CHEVY CHASE VILLAGE TOWN	\$799.00
MD	CUMBERLAND CITY	\$4,372.50
MD	DORCHESTER COUNTY	\$4,968.00
MD	EASTON TOWN	\$16,200.00
MD	ELKTON TOWN	\$5,544.08
MD	FEDERALSBURG TOWN	\$2,300.00
MD	FREDERICK CITY	\$11,200.00
MD	GAITHERSBURG CITY	\$5,621.00
MD	GARRETT COUNTY	\$3,510.00
MD	GREENBELT CITY	\$8,167.63
MD	HAGERSTOWN CITY	\$11,275.00
MD	LAUREL CITY	\$6,557.85
MD	MONTGOMERY COUNTY	\$19,610.42
MD	NEW CARROLLTON CITY	\$2,280.00
MD	OCEAN CITY TOWN	\$12,848.00
MD	QUEEN ANNES COUNTY	\$9,949.92
MD	RIVERDALE TOWN	\$4,075.00
MD	SALISBURY CITY	\$7,250.00
MD	SEAT PLEASANT CITY	\$2,678.31
MD	ST MARYS COUNTY	\$29,388.32
MD	WESTMINSTER CITY	\$3,325.09
	Totals for MD(33 Jurisdictions):	\$345,436.93
ME	AUGUSTA CITY	\$3,942.49
ME	BANGOR CITY	\$6,070.50
ME	BAR HARBOR TOWN	\$1,940.00
ME	BELFAST CITY	\$7,125.00
ME	BIDDEFORD CITY	\$5,607.50
ME	BRUNSWICK TOWN	\$1,918.50
ME	BUCKSPORT TOWN	\$2,340.00
ME	BUXTON TOWN	\$1,194.95
ME	CAMDEN TOWN	\$2,933.00
ME	CUMBERLAND TOWN	\$1,270.50
ME	ELLSWORTH CITY	\$4,230.00

ME	FAIRFIELD CITY	\$747.40
ME	FALMOUTH TOWN	\$9,975.00
ME	FARMINGTON TOWN	\$1,378.00
ME	FREEPORT TOWN	\$5,234.63
ME	FRYEBURG TOWN	\$1,069.50
ME	HOULTON TOWN	\$618.00
ME	KENNEBUNK TOWN	\$2,392.50
ME	KITTERY TOWN	\$2,320.00
ME	KNOX COUNTY	\$1,637.50
ME	LEWISTON CITY	\$4,550.00
ME	LINCOLN COUNTY	\$6,783.00
ME	MECHANIC FALLS TOWN	\$3,200.00
ME	MOUNT DESERT TOWN	\$970.00
ME	MEXICO	\$1,195.00
ME	NEWPORT TOWN	\$887.50
ME	OLD TOWN CITY	\$2,250.00
ME	PITTSFIELD TOWN	\$749.00
ME	PORTLAND CITY	\$17,825.00
ME	ROCKLAND CITY	\$3,607.50
ME	RUMFORD TOWN	\$1,101.00
ME	SABATTUS TOWN	\$927.00
ME	SACO CITY	\$1,908.00
ME	SCARBOROUGH TOWN	\$7,600.00
ME	SKOWHEGAN TOWN	\$390.00
ME	SOMERSET COUNTY	\$5,268.00
ME	SOUTH BERWICK TOWN	\$2,125.00
ME	SOUTH PORTLAND CITY	\$5,782.50
ME	SOUTHWEST HARBOR TOWN	\$2,300.00
ME	WATERVILLE CITY	\$6,000.00
ME	WELLS TOWN	\$2,097.50
ME	WESTBROOK CITY	\$2,509.10
ME	WINDHAM TOWN	\$4,565.00
ME	YARMOUTH TOWN	\$826.31
ME	YORK TOWN	\$2,134.50
	Totals for ME(45 Jurisdictions):	\$151,495.88
MI	ADRIAN CITY	\$2,980.00
MI	ALBION CITY	\$1,500.00
MI	ALLEN PARK CITY	\$4,788.00
MI	ALPENA COUNTY	\$4,590.00
MI	ANN ARBOR CITY	\$11,307.96
MI	AUBURN HILLS CITY	\$15,500.00
MI	BARRY COUNTY	\$4,494.00
MI	BATTLE CREEK CITY	\$9,477.00
MI	BAY CITY	\$4,437.00
MI	BAY COUNTY	\$3,422.95
MI	BENTON HARBOR CITY	\$2,322.50
MI	BEVERLY HILLS VILLAGE	\$2,589.00

MI	BIRCH RUN VILLAGE	\$1,200.00
MI	BLISSFIELD VILLAGE	\$915.00
MI	BLOOMFIELD HILLS CITY	\$1,375.00
MI	BRIDGEPORT CHARTER TOWNSHIP	\$381.19
MI	BRIDGMAN CITY	\$659.55
MI	BRIGHTON CITY	\$2,024.00
MI	BROWN CITY	\$650.00
MI	CALHOUN COUNTY	\$11,124.58
MI	CALUMET VILLAGE	\$351.00
MI	CANTON CHARTER TOWNSHIP	\$12,426.00
MI	CASS COUNTY	\$4,830.00
MI	CENTER LINE CITY	\$3,860.00
MI	CHARLOTTE CITY	\$1,095.00
MI	CHESTERFIELD CHARTER TOWNSHIP	\$2,880.00
MI	CHOCOLAY CHARTER TOWNSHIP	\$1,537.00
MI	CLARE COUNTY	\$2,357.52
MI	CLAWSON CITY	\$765.00
MI	CLINTON CHARTER TOWNSHIP	\$5,827.17
MI	CLINTON COUNTY	\$4,000.00
MI	COLDWATER CITY	\$2,057.50
MI	COLOMA CHARTER TOWNSHIP	\$5,200.00
MI	CRAWFORD COUNTY	\$1,430.00
MI	DE WITT CITY	\$705.00
MI	DEARBORN CITY	\$8,400.00
MI	DICKINSON COUNTY	\$4,668.04
MI	DRYDEN TOWNSHIP	\$1,178.52
MI	DUNDEE VILLAGE	\$3,498.32
MI	DURAND CITY	\$3,480.00
MI	EAST GRAND RAPIDS CITY	\$122.08
MI	EAST LANSING CITY	\$5,265.00
MI	EASTPOINTE CITY	\$2,860.00
MI	EMMET COUNTY	\$8,779.00
MI	ESSEXVILLE CITY	\$381.00
MI	FARMINGTON CITY	\$2,400.00
MI	FARMINGTON HILLS CITY	\$4,770.00
MI	FENTON CITY	\$3,225.50
MI	FERNDALE CITY	\$1,102.50
MI	FLAT ROCK CITY	\$1,375.00
MI	FLINT CHARTER TOWNSHIP	\$5,051.50
MI	FRUITPORT CHARTER TOWNSHIP	\$2,044.60
MI	GERRISH TOWNSHIP	\$2,502.50
MI	GOGEBIC COUNTY	\$1,271.39
MI	GRAND BEACH VILLAGE	\$415.00
MI	GRAND BLANC CHARTER TOWNSHIP	\$4,187.40
MI	GRAND LEDGE CITY	\$2,251.75
MI	GRAND TRAVERSE BAND OF OTTAWA & CHIPPEWA INDIANS	\$2,784.75
MI	GRAND TRAVERSE COUNTY	\$7,329.00

MI	GRANDVILLE CITY	\$2,985.00
MI	GREEN OAK TOWNSHIP	\$777.50
MI	GREENVILLE CITY	\$1,426.00
MI	GROSSE ILE TOWNSHIP	\$3,745.00
MI	GROSSE POINTE WOODS CITY	\$1,252.50
MI	GERALD R. FORD INTERNATIONAL AIRPORT AUTHORITY	\$821.78
MI	HAMBURG TOWNSHIP	\$2,225.00
MI	HARPER WOODS CITY	\$5,530.00
MI	HART CITY	\$1,222.50
MI	HASTINGS CITY	\$5,194.00
MI	HOLLAND CITY	\$3,954.00
MI	HOWELL CITY	\$1,195.50
MI	HURON COUNTY	\$3,225.00
MI	INGHAM COUNTY	\$4,310.38
MI	INKSTER CITY	\$3,500.00
MI	IONIA CITY	\$1,512.50
MI	IONIA COUNTY	\$2,235.00
MI	ISHPEMING CITY	\$369.00
MI	JACKSON CITY	\$4,480.00
MI	JACKSON COUNTY	\$3,622.17
MI	JONESVILLE VILLAGE	\$818.00
MI	KALAMAZOO CHARTER TOWNSHIP	\$1,871.66
MI	KALAMAZOO CITY	\$6,385.63
MI	KEEGO HARBOR CITY	\$1,830.00
MI	KENTWOOD CITY	\$3,575.00
MI	LAKE COUNTY	\$810.00
MI	LAKEVIEW VILLAGE	\$701.00
MI	LANSING CITY	\$23,181.87
MI	LAPEER COUNTY	\$4,368.24
MI	LAURIUM VILLAGE	\$1,033.00
MI	LEELANAU COUNTY	\$2,476.00
MI	LENAWEE COUNTY	\$4,963.50
MI	LEXINGTON VILLAGE	\$1,027.50
MI	LINCOLN CHARTER TOWNSHIP	\$1,229.50
MI	MADISON CHARTER TOWNSHIP	\$1,200.00
MI	MANISTIQUE CITY	\$3,200.00
MI	MARINE CITY	\$1,400.00
MI	MARLETTE CITY	\$600.00
MI	MARQUETTE COUNTY	\$1,562.02
MI	MARSHALL CITY	\$5,550.00
MI	MARYSVILLE CITY	\$1,072.50
MI	MASON CITY	\$1,021.00
MI	MASON COUNTY	\$8,704.50
MI	MELVINDALE CITY	\$1,812.50
MI	MEMPHIS CITY	\$3,180.00
MI	MENOMINEE CITY	\$1,380.00
MI	MERIDIAN CHARTER TOWNSHIP	\$4,924.00

MI	METAMORA TOWNSHIP	\$3,932.50
MI	MICHIGAN	\$146,188.06
MI	MIDLAND CITY	\$4,745.00
MI	MILFORD VILLAGE	\$800.00
MI	MINDEN VILLAGE	\$1,360.00
MI	MONROE CITY	\$2,700.00
MI	MONTAGUE CITY	\$2,000.00
MI	MONTMORENCY COUNTY	\$1,212.50
MI	MORENCI CITY	\$334.50
MI	MOTT COMMUNITY COLLEGE	\$991.12
MI	MUSKEGON CITY	\$8,876.00
MI	METRO POLICE AUTHORITY OF GENESEE COUNTY	\$3,500.00
MI	NEW BALTIMORE CITY	\$2,925.00
MI	NEWAYGO CITY	\$1,058.50
MI	NEWAYGO COUNTY	\$4,042.50
MI	NILES CITY	\$2,250.00
MI	NORTHVILLE CITY	\$416.50
MI	NOVI CITY	\$7,650.00
MI	OAK PARK CITY	\$4,317.50
MI	OAKLAND COUNTY	\$43,013.23
MI	OGEMAW COUNTY	\$6,918.00
MI	ORONOKO CHARTER TOWNSHIP	\$350.00
MI	OTSEGO COUNTY	\$3,462.50
MI	OWOSSO CITY	\$1,950.00
MI	PAW PAW VILLAGE	\$816.50
MI	PITTSFIELD CHARTER TOWNSHIP	\$13,090.00
MI	PLAINWELL CITY	\$1,140.00
MI	PLYMOUTH CHARTER TOWNSHIP	\$1,050.00
MI	PLYMOUTH CITY	\$1,165.50
MI	PORT HURON CITY	\$5,362.50
MI	READING CITY	\$800.00
MI	RICHFIELD TOWNSHIP	\$750.00
MI	ROCKFORD CITY	\$1,350.00
MI	ROMULUS CITY	\$1,875.00
MI	ROSCOMMON COUNTY	\$7,200.00
MI	ROSEVILLE CITY	\$6,832.50
MI	SAGINAW CHARTER TOWNSHIP	\$3,162.50
MI	SAGINAW CHIPPEWA INDIAN TRIBE OF MICHIGAN	\$2,400.00
MI	SAGINAW CITY	\$3,981.00
MI	SAGINAW COUNTY	\$2,173.30
MI	SALINE CITY	\$1,430.00
MI	SANILAC COUNTY	\$3,500.00
MI	SHELBY CHARTER TOWNSHIP	\$3,906.00
MI	SOMERSET TOWNSHIP	\$830.00
MI	ST CLAIR CITY	\$750.00
MI	ST CLAIR SHORES CITY	\$5,100.00
MI	ST JOSEPH CITY	\$3,795.00

MI	ST JOSEPH COUNTY	\$2,212.50
MI	ST LOUIS CITY	\$382.38
MI	STERLING HEIGHTS CITY	\$18,088.20
MI	STURGIS CITY	\$1,554.00
MI	SUMPTER TOWNSHIP	\$5,244.25
MI	ST. CLAIR COUNTY	\$8,319.67
MI	TAYLOR CITY	\$11,700.00
MI	TECUMSEH CITY	\$1,584.00
MI	THREE RIVERS CITY	\$2,347.02
MI	TRAVERSE CITY	\$352.50
MI	TROY CITY	\$7,500.00
MI	TUSCOLA COUNTY	\$2,275.00
MI	VAN BUREN CHARTER TOWNSHIP	\$5,437.50
MI	VAN BUREN COUNTY	\$4,086.50
MI	VICKSBURG VILLAGE	\$2,000.00
MI	WALKER CITY	\$6,800.00
MI	WALLED LAKE CITY	\$1,762.50
MI	WARREN CITY	\$25,355.17
MI	WATERFORD CHARTER TOWNSHIP	\$5,010.00
MI	WAYLAND CITY	\$2,475.00
MI	WAYNE CITY	\$3,900.00
MI	WAYNE COUNTY AIRPORT AUTHORITY	\$35,509.46
MI	WEST BLOOMFIELD CHARTER TOWNSHIP	\$6,660.00
MI	WEXFORD COUNTY	\$1,715.00
MI	WILLIAMSTON CITY	\$2,787.50
MI	WYOMING CITY	\$4,387.50
MI	YPSILANTI CITY	\$3,420.00
MI	ZEELAND CITY	\$1,629.50
	Totals for MI(181 Jurisdictions):	\$859,810.38
MN	AITKIN COUNTY	\$2,700.00
MN	ALBERT LEA CITY	\$3,750.00
MN	ALEXANDRIA CITY	\$1,625.99
MN	ANNANDALE CITY	\$1,962.00
MN	ANOKA CITY	\$1,721.93
MN	BARNESVILLE CITY	\$2,165.05
MN	BAXTER CITY	\$840.00
MN	BECKER COUNTY	\$4,800.00
MN	BELGRADE CITY	\$1,234.00
MN	BEMIDJI CITY	\$3,840.00
MN	BENTON COUNTY	\$2,400.00
MN	BIG LAKE CITY	\$2,400.00
MN	BLOOMINGTON CITY	\$10,597.50
MN	BLUE EARTH COUNTY	\$8,625.00
MN	BRAINERD CITY	\$5,707.50
MN	BREEZY POINT CITY	\$572.25
MN	BROOKLYN CENTER CITY	\$9,137.50
MN	BROOKLYN PARK CITY	\$6,000.00

MN	BROWN COUNTY	\$1,232.75
MN	BUFFALO CITY	\$2,700.00
MN	BUFFALO LAKE CITY	\$407.50
MN	BURNSVILLE CITY	\$3,640.86
MN	CAMBRIDGE CITY	\$2,000.00
MN	CANNON FALLS CITY	\$1,000.00
MN	CARLTON COUNTY	\$2,400.00
MN	CASS COUNTY	\$4,486.50
MN	CHAMPLIN CITY	\$3,137.40
MN	CHASKA CITY	\$1,920.00
MN	CHISAGO COUNTY	\$760.32
MN	CHISHOLM CITY	\$1,467.00
MN	CLAY COUNTY	\$8,140.30
MN	CLEARWATER COUNTY	\$800.00
MN	CLIMAX CITY	\$1,200.00
MN	CLOQUET CITY	\$1,600.00
MN	COLD SPRING CITY	\$2,233.70
MN	CORCORAN CITY	\$1,898.00
MN	COTTAGE GROVE CITY	\$4,400.00
MN	CROOKSTON CITY	\$1,707.50
MN	CROW WING COUNTY	\$5,138.75
MN	CRYSTAL CITY	\$4,500.00
MN	COUNTY OF COTTONWOOD	\$900.00
MN	DEEPHAVEN CITY	\$420.00
MN	DETROIT LAKES CITY	\$2,689.00
MN	DOUGLAS COUNTY	\$15,366.50
MN	DULUTH CITY	\$16,400.00
MN	EAGAN CITY	\$3,082.50
MN	EAGLE LAKE CITY	\$1,050.00
MN	EAST GRAND FORKS CITY	\$1,470.00
MN	EDEN PRAIRIE CITY	\$6,206.75
MN	EDEN VALLEY CITY	\$1,505.12
MN	EDINA CITY	\$3,779.36
MN	ELK RIVER CITY	\$1,542.00
MN	FARMINGTON CITY	\$5,161.50
MN	FERGUS FALLS CITY	\$2,077.40
MN	FILLMORE COUNTY	\$3,200.00
MN	FLOODWOOD CITY	\$419.18
MN	FOREST LAKE CITY	\$2,300.00
MN	FRIDLEY CITY	\$3,746.00
MN	GAYLORD CITY	\$458.73
MN	GLENCOE CITY	\$534.25
MN	GLYNDON CITY	\$1,032.00
MN	GOODHUE COUNTY	\$3,600.00
MN	GOODVIEW CITY	\$3,150.93
MN	GRANT COUNTY	\$908.96
MN	HERMANTOWN CITY	\$1,600.00

MN	HIBBING CITY	\$1,443.00
MN	HOPKINS CITY	\$5,136.75
MN	HUTCHINSON CITY	\$5,544.00
MN	INDEPENDENCE CITY	\$2,625.00
MN	ISANTI CITY	\$2,398.00
MN	KOOCHICHING COUNTY	\$2,678.50
MN	LA CRESCENT CITY	\$2,343.26
MN	LAKE CRYSTAL CITY	\$1,425.00
MN	LAKE OF THE WOODS COUNTY	\$2,609.82
MN	LAKEVILLE CITY	\$21,386.00
MN	LE CENTER CITY	\$605.00
MN	LE SUEUR CITY	\$800.00
MN	LESTER PRAIRIE CITY	\$450.00
MN	LINO LAKES CITY	\$2,971.50
MN	LYON COUNTY	\$3,600.00
MN	MANKATO CITY	\$3,200.00
MN	MAPLE GROVE CITY	\$9,000.00
MN	MAPLETON CITY	\$1,145.00
MN	MAPLEWOOD CITY	\$3,200.00
MN	MCLEOD COUNTY	\$4,275.00
MN	MINNETONKA CITY	\$4,800.00
MN	MONTGOMERY CITY	\$2,009.00
MN	MOORHEAD CITY	\$19,426.00
MN	MORRIS CITY	\$1,350.00
MN	MOUNTAIN LAKE CITY	\$865.00
MN	NEW BRIGHTON CITY	\$2,782.50
MN	NEW HOPE CITY	\$2,400.00
MN	NEW RICHLAND CITY	\$1,180.00
MN	NICOLLET COUNTY	\$2,000.00
MN	NISSWA CITY	\$588.00
MN	NORTH BRANCH CITY	\$3,863.85
MN	OAK PARK HEIGHTS CITY	\$1,599.00
MN	ORONO CITY	\$3,200.00
MN	PIERZ CITY	\$540.00
MN	PLYMOUTH CITY	\$15,234.75
MN	PRESTON CITY	\$1,435.00
MN	PRIOR LAKE CITY	\$2,162.00
MN	RAMSEY CITY	\$4,345.60
MN	RED WING CITY	\$4,480.00
MN	RICHFIELD CITY	\$3,114.00
MN	ROCK COUNTY	\$1,668.00
MN	ROSEMOUNT CITY	\$550.00
MN	SAUK RAPIDS CITY	\$3,231.00
MN	SAVAGE CITY	\$6,340.82
MN	SEBEKA CITY	\$448.20
MN	SHAKOPEE CITY	\$4,583.50
MN	SHERBURNE COUNTY	\$20,802.95

MN	SHOREWOOD CITY	\$1,950.00
MN	SOUTH ST PAUL CITY	\$4,200.00
MN	SPRINGFIELD CITY	\$2,961.00
MN	ST CHARLES CITY	\$540.00
MN	ST JAMES CITY	\$917.46
MN	ST JOSEPH CITY	\$1,427.10
MN	ST LOUIS PARK CITY	\$6,422.22
MN	STAPLES CITY	\$1,872.85
MN	STARBUCK CITY	\$479.55
MN	STEELE COUNTY	\$3,345.40
MN	STEVENS COUNTY	\$530.70
MN	SWIFT COUNTY	\$2,106.56
MN	THIEF RIVER FALLS CITY	\$660.00
MN	THE CENTENNIAL LAKES POLICE DEPARTMENT	\$4,237.88
MN	TRI-CITY POLICE DEPARTMENT	\$1,168.00
MN	VIRGINIA CITY	\$2,625.00
MN	WADENA COUNTY	\$2,937.50
MN	WAITE PARK CITY	\$2,305.40
MN	WASECA CITY	\$2,500.00
MN	WEST ST PAUL CITY	\$4,890.00
MN	WHITE BEAR LAKE CITY	\$3,500.00
MN	WILLMAR CITY	\$3,661.62
MN	WINDOM CITY	\$843.96
MN	WOODBURY CITY	\$17,500.00
MN	WYOMING CITY	\$425.00
	Totals for MN(137 Jurisdictions):	\$475,291.68
MO	ASH GROVE CITY	\$2,000.00
MO	ASHLAND CITY	\$2,337.50
MO	BALLWIN CITY	\$4,400.00
MO	BELLA VILLA CITY	\$2,960.00
MO	BELTON CITY	\$1,374.00
MO	BENTON COUNTY	\$2,000.00
MO	BLUE SPRINGS CITY	\$17,311.32
MO	BOLIVAR CITY	\$3,037.50
MO	BOONVILLE CITY	\$3,200.00
MO	BOWLING GREEN CITY	\$2,325.00
MO	BRECKENRIDGE HILLS CITY	\$1,550.00
MO	BUCHANAN COUNTY	\$41,236.00
MO	BUTLER COUNTY	\$4,752.00
MO	CALDWELL COUNTY	\$1,068.45
MO	CALLAWAY COUNTY	\$6,480.00
MO	CALVERTON PARK VILLAGE	\$1,505.90
MO	CAMDEN COUNTY	\$7,997.50
MO	CAMDENTON CITY	\$2,025.00
MO	CAPE GIRARDEAU CITY	\$11,405.00
MO	CAPE GIRARDEAU COUNTY	\$6,975.00
MO	CARL JUNCTION CITY	\$625.00

MO	CHESTERFIELD CITY	\$7,750.00
MO	CHILLICOTHE CITY	\$2,400.00
MO	CHRISTIAN COUNTY	\$7,308.00
MO	CLAYTON CITY	\$3,100.00
MO	COLE COUNTY	\$3,875.00
MO	CRYSTAL CITY	\$1,202.50
MO	CONWAY POLICE DEPARTMENT	\$1,525.00
MO	DES PERES CITY	\$3,875.00
MO	EL DORADO SPRINGS CITY	\$3,592.50
MO	ELLISVILLE CITY	\$4,262.50
MO	EUREKA CITY	\$2,169.00
MO	EXCELSIOR SPRINGS CITY	\$1,862.50
MO	FAIR GROVE CITY	\$1,331.50
MO	FLORISSANT CITY	\$4,670.25
MO	FRANKLIN COUNTY	\$22,978.12
MO	FRONTENAC CITY	\$775.00
MO	FULTON CITY	\$1,500.00
MO	GLADSTONE CITY	\$5,475.00
MO	GLASGOW CITY	\$943.50
MO	GLENDALE CITY	\$800.00
MO	GRAIN VALLEY CITY	\$2,420.00
MO	GRANDVIEW CITY	\$3,139.99
MO	HAYTI CITY	\$1,255.50
MO	HAZELWOOD CITY	\$2,796.50
MO	HOLLISTER CITY	\$3,900.00
MO	HOWELL COUNTY	\$3,732.50
MO	IRON COUNTY	\$3,925.00
MO	JACKSON CITY	\$5,962.50
MO	JACKSON COUNTY	\$8,656.53
MO	JAMESTOWN CITY	\$392.50
MO	JEFFERSON CITY	\$15,000.00
MO	JEFFERSON COUNTY	\$10,062.84
MO	JOPLIN CITY	\$17,608.50
MO	KAHOKA CITY	\$1,075.00
MO	KANSAS CITY	\$91,762.16
MO	KIRKSVILLE CITY	\$2,604.00
MO	KIRKWOOD CITY	\$7,600.00
MO	LAKE LOTAWANA CITY	\$2,150.00
MO	LAKE OZARK CITY	\$2,397.00
MO	LAKE ST LOUIS CITY	\$3,975.00
MO	LANAGAN CITY	\$800.00
MO	LAWSON CITY	\$2,967.50
MO	LEES SUMMIT CITY	\$7,440.95
MO	LEMAY FIRE PROTECTION DIST	\$8,687.50
MO	LIBERTY CITY	\$4,273.75
MO	LICKING CITY	\$1,648.50
MO	LINCOLN CITY	\$1,063.50

MO	LIVINGSTON COUNTY	\$2,200.00
MO	MAPLEWOOD CITY	\$1,937.50
MO	MARYVILLE CITY	\$1,142.50
MO	METROPOLITAN CMTY COLLEGES	\$450.96
MO	MISSOURI	\$28,354.79
MO	MONETT CITY	\$1,600.00
MO	MONITEAU COUNTY	\$1,524.00
MO	MONROE CITY	\$2,007.00
MO	NEOSHO CITY	\$1,920.00
MO	NEVADA CITY	\$1,161.21
MO	NEWTON COUNTY	\$4,400.00
MO	NIXA CITY	\$3,108.00
MO	NODAWAY COUNTY	\$1,740.00
MO	NORMANDY CITY	\$2,712.50
MO	NORTH KANSAS CITY	\$3,200.00
MO	O FALLON CITY	\$11,040.00
MO	OLIVETTE CITY	\$6,000.00
MO	OVERLAND CITY	\$3,883.00
MO	OZARK CITY	\$4,400.00
MO	PAGEDALE CITY	\$8,400.00
MO	PERRYVILLE CITY	\$3,000.00
MO	PETTIS COUNTY	\$7,478.75
MO	PHELPS COUNTY	\$1,605.00
MO	PLATTE CITY	\$2,000.00
MO	PLATTE COUNTY	\$10,137.75
MO	PLEASANT VALLEY CITY	\$988.50
MO	POTOSI CITY	\$4,977.00
MO	PULASKI COUNTY	\$9,425.00
MO	RAYMORE CITY	\$3,701.25
MO	RAYTOWN CITY	\$9,285.24
MO	REEDS SPRING SCH DIST R-4	\$1,262.50
MO	REPUBLIC CITY	\$2,505.83
MO	RICHMOND HEIGHTS CITY	\$5,812.50
MO	ROCK HILL CITY	\$1,937.50
MO	ROGERSVILLE CITY	\$1,637.50
MO	ROLLA CITY	\$3,875.00
MO	SCOTT COUNTY	\$3,470.00
MO	SHREWSBURY CITY	\$1,987.50
MO	SIKESTON CITY	\$6,862.50
MO	SMITHVILLE CITY	\$4,400.00
MO	ST ANN CITY	\$6,110.00
MO	ST CHARLES CITY	\$8,137.50
MO	ST CHARLES COUNTY	\$4,912.57
MO	ST CLAIR CITY	\$1,155.00
MO	ST CLAIR COUNTY	\$1,890.00
MO	ST JAMES CITY	\$1,275.50
MO	ST JOSEPH CITY	\$8,616.38

MO	ST ROBERT CITY	\$4,800.00
MO	SULLIVAN CITY	\$775.00
MO	TANEY COUNTY	\$2,350.67
MO	TARKIO CITY	\$420.00
MO	TEXAS COUNTY	\$4,844.28
MO	TOWN AND COUNTRY CITY	\$3,036.00
MO	TROY CITY	\$4,266.41
MO	UNION CITY	\$2,412.50
MO	UNIVERSITY CITY	\$4,400.00
MO	VIBURNUM CITY	\$2,400.00
MO	VIENNA CITY	\$2,220.00
MO	VINITA PARK CITY	\$7,612.50
MO	WARRENTON CITY	\$690.00
MO	WASHINGTON CITY	\$2,385.00
MO	WEATHERBY LAKE CITY	\$1,877.93
MO	WEBSTER COUNTY	\$3,500.00
MO	WELLSVILLE CITY	\$412.50
MO	WENTZVILLE CITY	\$10,075.00
MO	WEST PLAINS CITY	\$7,000.00
MO	WILLARD CITY	\$690.00
	Totals for MO(135 Jurisdictions):	\$701,053.28
MS	AMORY CITY	\$1,537.00
MS	BATESVILLE CITY	\$1,396.00
MS	BYRAM CITY	\$4,127.50
MS	CARROLL COUNTY	\$1,475.00
MS	CARTHAGE CITY	\$2,247.00
MS	COLUMBIA CITY	\$8,000.00
MS	COLUMBUS CITY	\$9,343.75
MS	COPIAH COUNTY	\$8,208.00
MS	CORINTH CITY	\$1,932.00
MS	D IBERVILLE CITY	\$2,934.00
MS	DERMA TOWN	\$650.00
MS	ECRU TOWN	\$2,805.00
MS	FARMINGTON TOWN	\$4,097.50
MS	FLORENCE TOWN	\$2,192.00
MS	FOREST CITY	\$912.00
MS	FORREST COUNTY	\$5,600.00
MS	GAUTIER CITY	\$5,882.00
MS	GREENWOOD CITY	\$5,850.00
MS	GULFPORT CITY	\$3,000.00
MS	HANCOCK COUNTY	\$5,985.00
MS	HOLLY SPRINGS CITY	\$6,000.00
MS	HORN LAKE CITY	\$12,858.20
MS	JACKSON PUBLIC SCH DIST	\$5,544.00
MS	KOSCIUSKO CITY	\$2,740.00
MS	LAMAR COUNTY	\$7,682.00
MS	LAUREL CITY	\$6,325.00

MS	LEAKE COUNTY	\$1,498.00
MS	LEE COUNTY	\$3,056.00
MS	LEFLORE COUNTY	\$10,400.00
MS	LINCOLN COUNTY	\$5,537.50
MS	LONG BEACH	\$4,186.00
MS	MADISON CITY	\$11,375.00
MS	MARION CITY	\$2,696.35
MS	MARSHALL COUNTY	\$17,204.00
MS	MCCOMB CITY	\$5,992.50
MS	MERIDIAN CITY	\$6,000.00
MS	METCALF TOWN	\$1,300.00
MS	NATCHEZ CITY	\$3,836.00
MS	OXFORD CITY	\$3,570.00
MS	PASCAGOULA CITY	\$1,743.00
MS	PASS CHRISTIAN CITY	\$1,300.00
MS	PEARL CITY	\$274.00
MS	PICAYUNE CITY	\$3,230.00
MS	PONTOTOC CITY	\$295.00
MS	POPLARVILLE CITY	\$900.00
MS	RIDGELAND CITY	\$10,651.50
MS	SCOوبا TOWN	\$2,460.50
MS	SEBASTOPOL TOWN	\$1,987.50
MS	STONE COUNTY	\$2,522.70
MS	STONEWALL TOWN	\$1,644.00
MS	TERRY TOWN	\$2,760.00
MS	TUNICA COUNTY	\$26,642.00
MS	TUNICA TOWN	\$1,732.50
MS	TUPELO CITY	\$6,292.00
MS	TYLERTOWN TOWN	\$4,152.00
MS	UNION TOWN	\$1,372.00
MS	VICKSBURG CITY	\$3,200.00
MS	WALNUT GROVE TOWN	\$1,192.50
MS	WIGGINS CITY	\$1,575.00
MS	WALLS TOWN	\$2,415.00
	Totals for MS(60 Jurisdictions):	\$274,315.50
MT	BUTTE-SILVER BOW CITY AND COUNTY	\$5,692.50
MT	BOZEMAN CITY	\$10,800.00
MT	CASCADE COUNTY	\$9,181.00
MT	CUT BANK CITY	\$1,336.64
MT	DAWSON COUNTY	\$4,125.00
MT	DEER LODGE CITY	\$3,300.00
MT	FERGUS COUNTY	\$1,811.00
MT	GLACIER COUNTY	\$5,025.00
MT	GLASGOW CITY	\$400.00
MT	GRANITE COUNTY SHERIFF'S OFFICE	\$1,396.50
MT	GREAT FALLS CITY	\$10,000.00
MT	HAVRE CITY	\$3,788.00

MT	HELENA CITY	\$5,285.00
MT	LAUREL CITY	\$5,453.50
MT	LEWIS AND CLARK COUNTY	\$3,425.00
MT	LEWISTOWN CITY	\$2,960.00
MT	LINCOLN COUNTY	\$3,754.00
MT	MANHATTAN TOWN	\$426.06
MT	MILES CITY	\$2,649.93
MT	MISSOULA CITY	\$5,187.50
MT	RAVALLI COUNTY	\$6,304.00
MT	RONAN CITY	\$1,201.50
MT	SWEET GRASS COUNTY	\$1,196.50
MT	TETON COUNTY	\$1,955.01
MT	TOOLE COUNTY	\$7,600.00
MT	TROY CITY	\$540.18
MT	VALLEY COUNTY	\$2,141.00
MT	WHITEFISH CITY	\$2,706.39
MT	WOLF POINT CITY	\$393.67
	Totals for MT(29 Jurisdictions):	\$110,034.88
NC	ALBEMARLE CITY	\$5,576.00
NC	APEX TOWN	\$14,255.79
NC	ASHEBORO CITY	\$5,238.65
NC	ASHEVILLE CITY	\$32,407.50
NC	ATLANTIC BEACH TOWN	\$1,785.00
NC	AVERY COUNTY	\$2,485.00
NC	BEECH MOUNTAIN TOWN	\$1,560.00
NC	BELHAVEN TOWN	\$1,525.00
NC	BELMONT CITY	\$3,447.75
NC	BERTIE COUNTY	\$2,458.26
NC	BLADEN COUNTY	\$5,880.69
NC	BOILING SPRING LAKES CITY	\$1,112.50
NC	BOONE TOWN	\$3,325.00
NC	BREVARD CITY	\$7,800.00
NC	BURLINGTON CITY	\$38,845.50
NC	CASWELL COUNTY	\$4,613.00
NC	CHAPEL HILL TOWN	\$13,024.00
NC	CHEROKEE COUNTY	\$5,461.97
NC	CHERRYVILLE CITY	\$1,644.00
NC	CLAY COUNTY	\$2,520.00
NC	CLEVELAND COUNTY	\$5,496.95
NC	CLINTON CITY	\$1,736.05
NC	COLUMBUS COUNTY	\$7,304.37
NC	COLUMBUS TOWN	\$1,810.09
NC	CONCORD CITY	\$16,169.00
NC	CRAMERTON TOWN	\$2,405.41
NC	CREEDMOOR CITY	\$797.02
NC	CURRITUCK COUNTY	\$8,525.00
NC	DARE COUNTY	\$3,008.69

NC	DAVIE COUNTY	\$10,800.00
NC	DREXEL TOWN	\$605.26
NC	DUCK TOWN	\$1,942.00
NC	DUNN CITY	\$600.00
NC	EDENTON TOWN	\$2,043.03
NC	ELIZABETH CITY	\$6,908.33
NC	ELIZABETH TOWN TOWN	\$1,006.05
NC	ELON COLLEGE TOWN	\$1,329.40
NC	FOREST CITY TOWN	\$2,718.75
NC	FRANKLIN COUNTY	\$10,800.00
NC	FRANKLINTON TOWN	\$4,612.46
NC	FUQUAY-VARINA TOWN	\$6,627.20
NC	GARNER TOWN	\$4,937.50
NC	GASTONIA CITY	\$16,454.09
NC	GOLDSBORO CITY	\$11,118.68
NC	GRAHAM CITY	\$3,596.94
NC	GRANVILLE COUNTY	\$1,657.50
NC	GREENVILLE CITY	\$25,893.00
NC	HALIFAX COUNTY	\$8,523.13
NC	HAVELOCK CITY	\$4,800.00
NC	HAW RIVER TOWN	\$2,386.88
NC	HAYWOOD COUNTY	\$4,150.00
NC	HENDERSON CITY	\$7,985.39
NC	HICKORY CITY	\$8,587.50
NC	HOPE MILLS TOWN	\$2,101.52
NC	JACKSONVILLE CITY	\$12,160.00
NC	KERNERSVILLE TOWN	\$9,675.00
NC	KINGS MOUNTAIN CITY	\$2,081.60
NC	KINSTON CITY	\$6,137.39
NC	KITTY HAWK TOWN	\$1,135.00
NC	KNIGHTDALE TOWN	\$2,640.00
NC	KURE BEACH TOWN	\$1,277.02
NC	LELAND TOWN	\$2,800.00
NC	LENOIR CITY	\$3,960.00
NC	LEXINGTON CITY	\$8,946.00
NC	LUMBERTON CITY	\$19,175.00
NC	MACON COUNTY	\$7,045.50
NC	MANTEO TOWN	\$343.49
NC	MARTIN COUNTY	\$2,277.50
NC	MATTHEWS TOWN	\$6,158.87
NC	MAXTON TOWN	\$2,100.00
NC	MAYSVILLE TOWN	\$1,076.67
NC	MONTGOMERY COUNTY	\$3,225.00
NC	MOORE COUNTY	\$7,310.00
NC	MOORESVILLE TOWN	\$10,000.00
NC	MOREHEAD CITY	\$2,024.00
NC	MOUNT OLIVE TOWN	\$3,809.91

NC	MURFREESBORO TOWN	\$330.61
NC	NAGS HEAD TOWN	\$4,560.00
NC	NASHVILLE TOWN	\$1,179.00
NC	NEW BERN CITY	\$5,769.51
NC	OXFORD CITY	\$3,627.48
NC	PASQUOTANK COUNTY	\$7,902.50
NC	PERSON COUNTY	\$6,631.77
NC	PINEHURST VILLAGE	\$3,535.00
NC	PINEVILLE TOWN	\$4,780.86
NC	REIDSVILLE CITY	\$6,949.40
NC	RICHLANDS TOWN	\$1,229.80
NC	RIVER BEND TOWN	\$500.63
NC	ROCKINGHAM COUNTY	\$4,477.50
NC	ROCKY MOUNT CITY	\$13,652.50
NC	ROLESVILLE TOWN	\$3,152.33
NC	SAMPSON COUNTY	\$8,277.02
NC	SANFORD CITY	\$15,382.80
NC	SCOTLAND COUNTY	\$6,684.83
NC	SHARPSBURG TOWN	\$3,384.00
NC	SMITHFIELD TOWN	\$4,718.71
NC	SOUTHERN PINES TOWN	\$3,600.00
NC	SOUTHERN SHORES TOWN	\$295.00
NC	SPENCER TOWN	\$1,744.63
NC	STALLINGS TOWN	\$2,863.14
NC	STANLY COUNTY	\$1,385.00
NC	STATESVILLE CITY	\$10,968.48
NC	STOKES COUNTY	\$1,617.63
NC	SURRY COUNTY	\$7,345.44
NC	SPRING HOPE TOWN	\$2,958.00
NC	SUGAR MOUNTAIN VILLAGE	\$560.00
NC	TOWN OF BUTNER	\$3,535.36
NC	TROUTMAN TOWN	\$2,385.00
NC	TRYON TOWN	\$2,375.40
NC	VALDESE TOWN	\$1,959.82
NC	WADESBORO TOWN	\$2,837.95
NC	WASHINGTON CITY	\$6,985.50
NC	WATAUGA COUNTY	\$3,758.50
NC	WHISPERING PINES VILLAGE	\$1,124.94
NC	WILLIAMSTON TOWN	\$3,865.00
NC	WILSON CITY	\$11,275.00
NC	WILSON COUNTY	\$6,601.71
NC	WINDSOR TOWN	\$2,448.76
NC	YOUNGSVILLE TOWN	\$3,686.87
NC	ZEBULON TOWN	\$962.03
	Totals for NC(120 Jurisdictions):	\$663,626.16
ND	BISMARCK CITY	\$16,575.00
ND	BURLEIGH COUNTY	\$5,600.00

ND	DICKINSON CITY	\$4,145.00
ND	EMMONS COUNTY	\$2,267.50
ND	GRAND FORKS CITY	\$9,600.00
ND	GRAND FORKS COUNTY	\$570.00
ND	JAMESTOWN CITY	\$6,025.00
ND	MANDAN CITY	\$2,800.00
ND	MINOT CITY	\$5,939.91
ND	MORTON COUNTY	\$2,000.00
ND	RAMSEY COUNTY	\$800.00
ND	STARK COUNTY	\$2,400.00
ND	STUTSMAN COUNTY	\$13,125.00
ND	WAHPETON CITY	\$1,600.00
ND	WALSH COUNTY	\$2,270.00
ND	WARD COUNTY	\$3,217.46
ND	WATFORD CITY	\$5,409.00
ND	WEST FARGO CITY	\$9,475.00
	Totals for ND(18 Jurisdictions):	\$93,818.87
NE	ALBION CITY	\$900.00
NE	ALLIANCE CITY	\$773.00
NE	BELLEVUE CITY	\$9,200.00
NE	BLAIR CITY	\$2,000.00
NE	BOONE COUNTY	\$407.50
NE	BOYS TOWN VILLAGE	\$1,499.98
NE	BROKEN BOW CITY	\$1,967.50
NE	BUFFALO COUNTY	\$2,625.00
NE	CHADRON CITY	\$1,177.50
NE	COLUMBUS CITY	\$4,400.00
NE	DAKOTA COUNTY	\$5,079.75
NE	DODGE COUNTY	\$2,250.00
NE	FAIRBURY CITY	\$2,762.50
NE	GRAND ISLAND CITY	\$8,810.00
NE	HALL COUNTY	\$3,282.40
NE	KEARNEY CITY	\$3,867.50
NE	LA VISTA CITY	\$4,000.00
NE	LEXINGTON CITY	\$2,250.00
NE	NEMAHA COUNTY	\$733.16
NE	NORFOLK CITY	\$3,112.50
NE	NORTH PLATTE CITY	\$4,875.00
NE	PAPILLION CITY	\$3,760.00
NE	PLATTSMOUTH CITY	\$1,552.50
NE	RALSTON CITY	\$2,280.00
NE	RICHARDSON COUNTY	\$2,765.00
NE	SAUNDERS COUNTY	\$300.00
NE	SCOTTSBLUFF CITY	\$3,900.00
NE	SIDNEY CITY	\$871.15
NE	SOUTH SIOUX CITY	\$2,460.00
NE	WASHINGTON COUNTY	\$9,135.00

	Totals for NE(30 Jurisdictions):	\$92,996.94
NH	BARRINGTON TOWN	\$1,207.50
NH	BARTLETT TOWN	\$727.50
NH	BEDFORD TOWN	\$2,960.00
NH	BRENTWOOD TOWN	\$1,685.20
NH	CHESHIRE COUNTY	\$2,155.50
NH	CHESTER TOWN	\$800.00
NH	CLAREMONT CITY	\$2,800.00
NH	CONCORD CITY	\$7,000.00
NH	CONWAY TOWN	\$4,878.00
NH	DEERING TOWN	\$895.00
NH	DOVER CITY	\$2,840.32
NH	DUNBARTON TOWN	\$900.00
NH	EPSOM TOWN	\$2,250.00
NH	EXETER TOWN	\$1,721.23
NH	FARMINGTON TOWN	\$3,573.24
NH	GILFORD TOWN	\$2,012.50
NH	GOFFSTOWN TOWN	\$3,550.00
NH	GRAFTON COUNTY	\$1,087.50
NH	HAMPTON FALLS TOWN	\$1,590.00
NH	HANOVER TOWN	\$2,600.00
NH	HENNIKER TOWN	\$1,276.00
NH	HOOKSETT TOWN	\$3,577.50
NH	KEENE CITY	\$3,492.50
NH	LACONIA CITY	\$2,791.24
NH	LEBANON CITY	\$4,200.00
NH	LEE TOWN	\$1,993.50
NH	LONDONDERRY TOWN	\$5,600.00
NH	LYNDEBOROUGH TOWN	\$1,650.00
NH	MASON TOWN	\$1,600.00
NH	MERRIMACK TOWN	\$6,332.50
NH	MILFORD TOWN	\$2,557.50
NH	MONT VERNON TOWN	\$765.00
NH	MOULTONBOROUGH TOWN	\$1,500.00
NH	NASHUA CITY	\$14,332.50
NH	NORTH HAMPTON TOWN	\$4,257.50
NH	PORTSMOUTH CITY	\$5,817.50
NH	RINDGE TOWN	\$1,198.50
NH	ROCHESTER CITY	\$12,214.00
NH	SALEM TOWN	\$4,565.00
NH	SANDOWN TOWN	\$2,125.00
NH	SOMERSWORTH CITY	\$1,020.00
NH	SPRINGFIELD TOWN	\$800.00
NH	SWANZEY TOWN	\$1,570.00
NH	THORNTON TOWN	\$979.50
NH	WAKEFIELD TOWN	\$1,000.00
NH	WINDHAM TOWN	\$3,300.00

NH	WOLFEBORO TOWN	\$1,600.00
	Totals for NH(47 Jurisdictions):	\$139,348.73
NJ	ABSECON CITY	\$3,200.00
NJ	ANDOVER TOWNSHIP	\$961.70
NJ	ASBURY PARK CITY	\$7,237.20
NJ	ATLANTIC CITY	\$24,042.50
NJ	BARNEGAT TOWNSHIP	\$12,485.25
NJ	BARRINGTON BOROUGH	\$497.50
NJ	BAYONNE CITY	\$38,447.63
NJ	BEDMINSTER TOWNSHIP	\$800.00
NJ	BELLEVILLE TOWNSHIP	\$8,893.50
NJ	BELLMAWR BOROUGH	\$2,922.06
NJ	BERGENFIELD BOROUGH	\$2,637.50
NJ	BERKELEY TOWNSHIP	\$4,999.95
NJ	BERLIN BOROUGH	\$2,450.00
NJ	BERLIN TOWNSHIP	\$2,450.00
NJ	BERNARDS TOWNSHIP	\$6,000.00
NJ	BERNARDSVILLE BOROUGH	\$1,226.78
NJ	BLOOMFIELD TOWNSHIP	\$8,387.50
NJ	BLOOMINGDALE BOROUGH	\$2,120.25
NJ	BOGOTA BOROUGH	\$3,600.00
NJ	BORDENTOWN CITY	\$2,697.00
NJ	BORDENTOWN TOWNSHIP	\$1,500.00
NJ	BOUND BROOK BOROUGH	\$2,499.98
NJ	BRICK TOWNSHIP	\$540.00
NJ	BRIGANTINE CITY	\$3,080.00
NJ	BROOKLAWN BOROUGH	\$1,760.00
NJ	BURLINGTON TOWNSHIP	\$8,943.90
NJ	BYRAM TOWNSHIP	\$848.10
NJ	BRIDGEWATER TOWNSHIP	\$17,690.00
NJ	CALDWELL BOROUGH	\$1,770.00
NJ	CAPE MAY COUNTY	\$10,000.00
NJ	CARLSTADT BOROUGH	\$1,272.15
NJ	CARNEYS POINT TOWNSHIP	\$2,818.73
NJ	CARTERET BOROUGH	\$6,000.00
NJ	CHERRY HILL TOWNSHIP	\$15,030.90
NJ	CHESTER TOWNSHIP	\$1,840.80
NJ	CHESTERFIELD TOWNSHIP	\$675.00
NJ	CINNAMINSON TOWNSHIP	\$2,832.00
NJ	CLARK TOWNSHIP	\$908.60
NJ	CLAYTON BOROUGH	\$1,770.00
NJ	CLIFTON CITY	\$5,464.25
NJ	CRANFORD TOWNSHIP	\$8,481.00
NJ	CRESSKILL BOROUGH	\$1,200.00
NJ	DEAL BOROUGH	\$800.00
NJ	DELANCO TOWNSHIP	\$1,600.00
NJ	DELRAN TOWNSHIP	\$2,802.00

NJ	DENVILLE TOWNSHIP	\$6,000.00
NJ	DOVER TOWN	\$2,655.00
NJ	DUMONT BOROUGH	\$1,461.00
NJ	DEPTFORD TOWNSHIP	\$6,907.50
NJ	EAST HANOVER TOWNSHIP	\$3,365.95
NJ	EAST RUTHERFORD BOROUGH	\$10,510.85
NJ	EATONTOWN BOROUGH	\$2,895.00
NJ	EDGEWATER BOROUGH	\$2,730.00
NJ	EDGEWATER PARK TOWNSHIP	\$1,600.00
NJ	EGG HARBOR CITY	\$2,437.50
NJ	EGG HARBOR TOWNSHIP	\$11,895.00
NJ	ELK TOWNSHIP	\$1,475.00
NJ	EVESHAM TOWNSHIP	\$11,625.00
NJ	EWING TOWNSHIP	\$11,613.51
NJ	EAST WINDSOR TOWNSHIP	\$3,524.50
NJ	FAIR HAVEN BOROUGH	\$6,160.00
NJ	FAIR LAWN BOROUGH	\$380.00
NJ	FAIRFIELD TOWNSHIP	\$4,000.00
NJ	FAIRVIEW BOROUGH	\$1,875.00
NJ	FAR HILLS BOROUGH	\$799.00
NJ	FLORENCE TOWNSHIP	\$2,925.00
NJ	FLORHAM PARK BOROUGH	\$3,365.95
NJ	FORT LEE BOROUGH	\$15,790.50
NJ	FRANKLIN BOROUGH	\$950.00
NJ	FRANKLIN TOWNSHIP	\$2,400.00
NJ	FREEHOLD BOROUGH	\$992.00
NJ	FREEHOLD TOWNSHIP	\$4,250.00
NJ	GALLOWAY TOWNSHIP	\$7,080.00
NJ	GARFIELD CITY	\$6,426.00
NJ	GARWOOD BOROUGH	\$800.00
NJ	GLOUCESTER CITY	\$2,247.50
NJ	GLOUCESTER TOWNSHIP	\$16,275.00
NJ	GREENWICH TOWNSHIP	\$2,400.00
NJ	HACKETTSTOWN TOWN	\$3,200.00
NJ	HADDON HEIGHTS BOROUGH	\$1,304.00
NJ	HADDON TOWNSHIP	\$5,871.40
NJ	HADDONFIELD BOROUGH	\$1,886.00
NJ	HAMBURG BOROUGH	\$3,097.50
NJ	HAMILTON TOWNSHIP (MAYS LANDING)	\$5,720.00
NJ	HAMILTON TOWNSHIP (TRENTON)	\$12,940.95
NJ	HAMMONTON TOWN	\$4,045.50
NJ	HARDYSTON TOWNSHIP	\$1,770.00
NJ	HARRISON TOWNSHIP	\$5,274.50
NJ	HARVEY CEDARS BOROUGH	\$796.00
NJ	HAWTHORNE BOROUGH	\$3,995.00
NJ	HAZLET TOWNSHIP	\$7,600.00
NJ	HI NELLA BOROUGH	\$1,320.00

NJ	HIGH BRIDGE BOROUGH	\$2,404.25
NJ	HIGHTSTOWN BOROUGH	\$1,713.90
NJ	HILLSBOROUGH TOWNSHIP	\$2,865.00
NJ	HILLSDALE BOROUGH	\$870.00
NJ	HOBOKEN CITY	\$12,803.00
NJ	HOLMDEL TOWNSHIP	\$3,198.60
NJ	HOPATCONG BOROUGH	\$7,305.00
NJ	HOWELL TOWNSHIP	\$11,688.60
NJ	HIGHLAND PARK	\$1,089.00
NJ	IRVINGTON TOWNSHIP	\$6,194.81
NJ	JACKSON TOWNSHIP	\$7,222.60
NJ	JEFFERSON TOWNSHIP	\$4,432.50
NJ	KEARNY TOWN	\$11,437.50
NJ	KENILWORTH BOROUGH	\$2,655.00
NJ	LACEY TOWNSHIP	\$9,394.24
NJ	LAUREL SPRINGS BOROUGH	\$391.50
NJ	LAWRENCE TOWNSHIP	\$4,000.00
NJ	LEONIA BOROUGH	\$1,770.00
NJ	LINDENWOLD BOROUGH	\$880.00
NJ	LITTLE FERRY BOROUGH	\$3,200.00
NJ	LIVINGSTON TOWNSHIP	\$13,712.50
NJ	LODI BOROUGH	\$16,062.75
NJ	LOGAN TOWNSHIP	\$1,996.00
NJ	LONG BEACH TOWNSHIP	\$2,044.20
NJ	LONG BRANCH CITY	\$9,256.50
NJ	LONG HILL TOWNSHIP	\$2,000.00
NJ	LONGPORT BOROUGH	\$2,137.50
NJ	LOWER ALLOWAYS CREEK TOWNSHIP	\$1,710.00
NJ	LOWER TOWNSHIP	\$5,587.50
NJ	LUMBERTON TOWNSHIP	\$1,425.09
NJ	LYNDHURST TOWNSHIP	\$5,088.60
NJ	MADISON BOROUGH	\$3,068.00
NJ	MAGNOLIA BOROUGH	\$1,320.00
NJ	MANALAPAN TOWNSHIP	\$5,456.00
NJ	MANCHESTER TOWNSHIP	\$7,872.00
NJ	MANSFIELD TOWNSHIP	\$2,000.10
NJ	MANTUA TOWNSHIP	\$1,930.00
NJ	MAPLE SHADE TOWNSHIP	\$5,445.00
NJ	MAPLEWOOD TOWNSHIP	\$2,277.00
NJ	MARLBORO TOWNSHIP	\$12,825.00
NJ	MAYWOOD BOROUGH	\$3,500.00
NJ	MEDFORD LAKES BOROUGH	\$1,488.00
NJ	MEDFORD TOWNSHIP	\$3,901.60
NJ	MENDHAM TOWNSHIP	\$893.00
NJ	MERCHANTVILLE BOROUGH	\$2,178.00
NJ	MIDDLE TOWNSHIP	\$4,680.00
NJ	MIDDLESEX BOROUGH	\$2,400.00

NJ	MIDLAND PARK BOROUGH	\$546.70
NJ	MILLVILLE CITY	\$14,477.00
NJ	MONROE TOWNSHIP	\$4,860.00
NJ	MONTCLAIR TOWNSHIP	\$6,944.00
NJ	MONTVALE BOROUGH	\$1,600.00
NJ	MONTVILLE TOWNSHIP	\$8,800.00
NJ	MOORESTOWN TOWNSHIP	\$3,654.00
NJ	MORRIS TOWNSHIP	\$2,453.55
NJ	MOUNT ARLINGTON BOROUGH	\$1,960.00
NJ	MOUNT HOLLY TOWNSHIP	\$2,212.50
NJ	MOUNT LAUREL TOWNSHIP	\$6,679.20
NJ	MOUNT OLIVE TOWNSHIP	\$3,365.95
NJ	MULLICA TOWNSHIP	\$1,106.25
NJ	NEPTUNE CITY BOROUGH	\$2,275.00
NJ	NEPTUNE TOWNSHIP	\$6,207.50
NJ	NEW BRUNSWICK CITY	\$10,965.63
NJ	NEW MILFORD BOROUGH	\$5,000.00
NJ	NEWTON TOWN	\$1,327.50
NJ	NORTH ARLINGTON BOROUGH	\$4,697.12
NJ	NORTH BERGEN TOWNSHIP	\$11,000.00
NJ	NORTH BRUNSWICK TOWNSHIP	\$5,426.85
NJ	NORTH CALDWELL BOROUGH	\$625.00
NJ	NORTH HALEDON BOROUGH	\$3,844.00
NJ	NORTHFIELD CITY	\$1,987.50
NJ	NUTLEY TOWNSHIP	\$5,284.40
NJ	OAKLAND BOROUGH	\$6,195.00
NJ	OAKLYN BOROUGH	\$930.00
NJ	OCEAN CITY	\$5,369.00
NJ	OCEAN GATE BOROUGH	\$1,600.00
NJ	OCEAN TOWNSHIP (OAKHURST)	\$5,313.00
NJ	OCEAN TOWNSHIP (WARETOWN)	\$2,802.00
NJ	OLD BRIDGE TOWNSHIP	\$7,524.00
NJ	OLD TAPPAN BOROUGH	\$1,950.00
NJ	ORADELL BOROUGH	\$2,000.00
NJ	ORANGE CITY TOWNSHIP	\$9,762.50
NJ	PALISADES PARK BOROUGH	\$4,000.00
NJ	PALMYRA BOROUGH	\$955.80
NJ	PARSIPPANY-TROY HILLS TOWNSHIP	\$15,469.80
NJ	PASSAIC CITY	\$40,887.00
NJ	PAULSBORO BOROUGH	\$1,508.00
NJ	PENNSAUKEN TOWNSHIP	\$7,875.00
NJ	PENNSVILLE TOWNSHIP	\$1,913.25
NJ	PEQUANNOCK TOWNSHIP	\$4,800.00
NJ	PERTH AMBOY CITY	\$11,062.50
NJ	PINE HILL BOROUGH	\$2,335.00
NJ	PISCATAWAY TOWNSHIP	\$6,264.48
NJ	PLAINFIELD CITY	\$3,941.85

NJ	PLAINSBORO TOWNSHIP	\$7,514.10
NJ	PLEASANTVILLE CITY	\$7,440.00
NJ	PLUMSTED TOWNSHIP	\$1,800.00
NJ	POINT PLEASANT BEACH BOROUGH	\$2,602.95
NJ	POINT PLEASANT BOROUGH	\$9,159.75
NJ	RAHWAY CITY	\$16,800.00
NJ	RANDOLPH TOWNSHIP	\$11,505.00
NJ	RARITAN BOROUGH	\$2,120.25
NJ	RARITAN TOWNSHIP	\$5,009.40
NJ	RIDGEFIELD BOROUGH	\$2,212.50
NJ	RIDGEWOOD VILLAGE	\$11,208.00
NJ	RINGWOOD BOROUGH	\$2,088.60
NJ	RIVERDALE BOROUGH	\$1,204.49
NJ	RIVERTON BOROUGH	\$877.80
NJ	ROCKAWAY BOROUGH	\$3,560.00
NJ	ROSELAND BOROUGH	\$5,880.23
NJ	ROSELLE BOROUGH	\$4,508.64
NJ	ROSELLE PARK BOROUGH	\$3,405.04
NJ	RUNNEMEDE BOROUGH	\$1,320.00
NJ	RUTHERFORD BOROUGH	\$6,360.75
NJ	SADDLE RIVER BOROUGH	\$1,770.00
NJ	SALEM COUNTY	\$4,812.50
NJ	SAYREVILLE BOROUGH	\$8,341.13
NJ	SECAUCUS TOWN	\$6,781.90
NJ	SHREWSBURY BOROUGH	\$1,408.46
NJ	SOMERVILLE BOROUGH	\$3,097.50
NJ	SOUTH BRUNSWICK TOWNSHIP	\$2,087.25
NJ	SOUTH HACKENSACK TOWNSHIP	\$4,005.00
NJ	SOUTH ORANGE VILLAGE TOWNSHIP	\$1,885.00
NJ	SOUTH RIVER BOROUGH	\$11,641.00
NJ	SPARTA TOWNSHIP	\$1,917.50
NJ	SPRING LAKE HTS BOROUGH	\$2,437.50
NJ	STAFFORD TOWNSHIP	\$6,637.50
NJ	STANHOPE BOROUGH	\$971.70
NJ	STRATFORD BOROUGH	\$880.00
NJ	TEANECK TOWNSHIP	\$6,711.25
NJ	TENAFLY BOROUGH	\$3,000.00
NJ	TRENTON CITY	\$35,622.13
NJ	UNION CITY	\$11,062.50
NJ	UNION TOWNSHIP	\$24,042.50
NJ	UPPER SADDLE RIVER BOROUGH	\$396.59
NJ	VENTNOR CITY	\$3,640.00
NJ	VERNON TOWNSHIP	\$2,120.25
NJ	VINELAND CITY	\$16,698.00
NJ	VOORHEES TOWNSHIP	\$4,262.16
NJ	WALL TOWNSHIP	\$7,042.00
NJ	WANAQUE BOROUGH	\$1,910.00

NJ	WARREN TOWNSHIP	\$2,968.35
NJ	WASHINGTON TOWNSHIP (LONG VALLEY)	\$4,875.00
NJ	WASHINGTON TOWNSHIP (ROBBINSVILLE)	\$1,669.80
NJ	WASHINGTON TOWNSHIP (TURNERSVILLE)	\$11,675.00
NJ	WAYNE TOWNSHIP	\$7,305.00
NJ	WEEHAWKEN TOWNSHIP	\$8,400.00
NJ	WEST DEPTFORD TOWNSHIP	\$4,464.00
NJ	WEST NEW YORK TOWN	\$8,000.00
NJ	WEST ORANGE TOWNSHIP	\$9,752.00
NJ	WEST PATERSON BOROUGH	\$2,580.00
NJ	WEST WILDWOOD BOROUGH	\$750.00
NJ	WEST WINDSOR TOWNSHIP	\$3,852.00
NJ	WESTAMPTON TOWNSHIP	\$4,276.30
NJ	WESTFIELD TOWN	\$4,755.40
NJ	WESTWOOD BOROUGH	\$3,900.00
NJ	WHARTON BOROUGH	\$1,442.55
NJ	WILDWOOD CITY	\$3,393.00
NJ	WILDWOOD CREST BOROUGH	\$3,474.00
NJ	WILLINGBORO TOWNSHIP	\$6,720.00
NJ	WINSLOW TOWNSHIP	\$8,360.00
NJ	WOODBURY HEIGHTS BOROUGH	\$1,948.04
NJ	WOODCLIFF LAKE BOROUGH	\$1,320.00
NJ	WASHINGTON TOWNSHIP	\$2,353.50
NJ	WOODLYNNE BOROUGH	\$1,582.50
	Totals for NJ(257 Jurisdictions):	\$1,327,919.27
NM	ALAMOGORDO CITY	\$6,745.00
NM	ANGEL FIRE VILLAGE	\$2,000.00
NM	ANTHONY CITY	\$2,691.00
NM	AZTEC CITY	\$1,600.00
NM	BELEN CITY	\$1,999.98
NM	BERNALILLO TOWN	\$1,887.50
NM	BOSQUE FARMS VILLAGE	\$740.00
NM	CARRIZOZO TOWN	\$1,600.00
NM	CHAVES COUNTY	\$3,920.00
NM	CLOVIS CITY	\$6,000.00
NM	CUBA VILLAGE	\$1,920.00
NM	CURRY COUNTY	\$4,260.00
NM	DEMING CITY	\$2,184.00
NM	FARMINGTON CITY	\$27,360.00
NM	JEMEZ SPRINGS VILLAGE	\$1,367.40
NM	LAS VEGAS CITY	\$2,015.00
NM	LEA COUNTY	\$12,750.00
NM	LINCOLN COUNTY	\$6,000.00
NM	LOS LUNAS VILLAGE	\$5,220.00
NM	LOVINGTON CITY	\$2,000.00
NM	LOS ALAMOS COUNTY	\$6,392.00
NM	MESILLA TOWN	\$3,310.00

NM	MORA COUNTY	\$1,725.00
NM	PUEBLO OF SANDIA	\$1,995.00
NM	RIO ARriba COUNTY	\$6,562.50
NM	ROOSEVELT COUNTY	\$4,842.50
NM	SAN MIGUEL COUNTY	\$1,875.00
NM	SANTA FE COUNTY	\$7,845.62
NM	SILVER CITY TOWN	\$2,664.00
NM	TAOS TOWN	\$2,310.00
NM	VALENCIA COUNTY	\$6,400.00
	Totals for NM(31 Jurisdictions):	\$140,181.50
NV	BOULDER CITY	\$5,400.00
NV	CLARK COUNTY SCH DIST	\$22,778.91
NV	ELKO CITY	\$4,500.00
NV	ELKO COUNTY	\$10,250.00
NV	LAS VEGAS CITY	\$20,482.00
NV	LAS VEGAS TRIBE OF PAIUTE INDIANS	\$4,000.00
NV	LYON COUNTY	\$8,400.00
NV	MESQUITE CITY	\$3,200.00
NV	NEVADA	\$11,780.19
NV	NYE COUNTY	\$22,372.00
NV	PYRAMID LAKE PAIUTE TRIBE	\$7,500.00
NV	SPARKS CITY	\$5,200.00
NV	WEST WENDOVER CITY	\$1,530.00
	Totals for NV(13 Jurisdictions):	\$127,393.10
NY	AKRON VILLAGE	\$1,342.50
NY	ALBANY CITY	\$37,796.00
NY	ALBION VILLAGE	\$3,020.00
NY	AMITYVILLE VILLAGE	\$1,306.00
NY	ARCADE VILLAGE	\$1,494.00
NY	ARDSLEY VILLAGE	\$3,300.00
NY	ATTICA VILLAGE	\$2,547.72
NY	AUBURN CITY	\$2,000.00
NY	BATAVIA CITY	\$2,287.60
NY	BEACON CITY	\$3,168.50
NY	BEDFORD TOWN	\$3,750.00
NY	BINGHAMTON CITY	\$13,200.00
NY	BLASDELL VILLAGE	\$1,754.10
NY	BLOOMING GROVE TOWN	\$3,500.00
NY	BREWSTER VILLAGE	\$1,125.00
NY	BRIGHTON TOWN	\$2,250.00
NY	BRONXVILLE VILLAGE	\$3,571.20
NY	CANAJOHARIE VILLAGE	\$3,728.25
NY	CANANDAIGUA CITY	\$2,712.50
NY	CANTON VILLAGE	\$2,500.00
NY	CATTARAUGUS COUNTY	\$8,000.00
NY	CAYUGA COUNTY	\$5,544.00
NY	CAYUGA HEIGHTS VILLAGE	\$6,078.24

NY	CHEEKTOWAGA TOWN	\$6,069.00
NY	CHEMUNG COUNTY	\$5,625.00
NY	CHENANGO COUNTY	\$2,695.00
NY	CHESTER TOWN	\$2,049.00
NY	CHITTENANGO VILLAGE	\$4,800.00
NY	CICERO TOWN	\$3,158.20
NY	CLARKSTOWN TOWN	\$13,760.00
NY	COLONIE TOWN	\$8,050.00
NY	COLUMBIA COUNTY	\$4,244.50
NY	CORNWALL ON HUDSON VILLAGE	\$2,125.00
NY	CORTLAND CITY	\$9,600.00
NY	CORTLAND COUNTY	\$18,000.00
NY	CRAWFORD TOWN	\$6,400.00
NY	CROTON ON HUDSON VILLAGE	\$5,525.00
NY	CUBA TOWN	\$3,000.00
NY	DELAWARE COUNTY	\$4,212.00
NY	DEPEW VILLAGE	\$2,328.00
NY	DUNKIRK CITY	\$2,724.00
NY	EAST AURORA VILLAGE	\$3,520.94
NY	EAST FISHKILL TOWN	\$3,200.00
NY	EAST GREENBUSH TOWN	\$4,866.00
NY	EAST HAMPTON TOWN	\$6,000.00
NY	EAST ROCHESTER VILLAGE	\$1,899.98
NY	ELLENVILLE VILLAGE	\$4,440.00
NY	ELMIRA CITY	\$6,450.00
NY	ELMIRA HEIGHTS VILLAGE	\$2,970.00
NY	ENDICOTT VILLAGE	\$3,802.50
NY	EVANS TOWN	\$6,760.00
NY	FALLSBURG TOWN	\$5,600.00
NY	FISHKILL VILLAGE	\$8,000.00
NY	FRANKLIN COUNTY	\$8,793.00
NY	FREEPORT VILLAGE	\$11,137.50
NY	GARDEN CITY VILLAGE	\$11,921.25
NY	GATES TOWN	\$961.00
NY	GEDDES TOWN	\$1,071.00
NY	GENESEO VILLAGE	\$1,300.00
NY	GLEN FALLS CITY	\$1,622.50
NY	GLOVERSVILLE CITY	\$3,454.50
NY	GOSHEN VILLAGE	\$4,050.00
NY	GOUVERNEUR VILLAGE	\$626.00
NY	GRAND ISLAND TOWN	\$7,986.00
NY	GRANVILLE VILLAGE	\$3,510.32
NY	GREECE TOWN	\$7,026.00
NY	GREENBURGH TOWN	\$5,482.50
NY	GREENE COUNTY	\$17,182.00
NY	GREENWOOD LAKE VILLAGE	\$900.00
NY	HAMBURG TOWN	\$6,781.65

NY	HASTINGS ON HUDSON VILLAGE	\$7,999.95
NY	HEMPSTEAD VILLAGE	\$12,375.00
NY	HERKIMER COUNTY	\$14,280.00
NY	HIGHLANDS TOWN	\$1,608.00
NY	HOLLEY VILLAGE	\$1,590.00
NY	HOOSICK FALLS VILLAGE	\$2,800.00
NY	HORNELL CITY	\$2,268.00
NY	HUDSON CITY	\$8,935.50
NY	HUDSON FALLS VILLAGE	\$3,124.00
NY	HUNTINGTON BAY VILLAGE	\$343.00
NY	HYDE PARK TOWN	\$2,349.75
NY	ILION VILLAGE	\$5,208.00
NY	IRONDEQUOIT TOWN	\$3,605.00
NY	IRVINGTON VILLAGE	\$5,943.62
NY	ITHACA CITY	\$6,749.93
NY	JAMESTOWN CITY	\$1,787.52
NY	JOHNSTOWN CITY	\$9,301.05
NY	KENMORE VILLAGE	\$2,325.00
NY	LAKE SUCCESS VILLAGE	\$5,000.00
NY	LAKEWOOD VILLAGE	\$2,460.00
NY	LANCASTER TOWN	\$6,035.00
NY	LE ROY TOWN	\$1,295.93
NY	LEWISBORO TOWN	\$2,117.50
NY	LIBERTY VILLAGE	\$2,992.50
NY	LIVINGSTON COUNTY	\$11,820.00
NY	LOCKPORT CITY	\$19,386.00
NY	LONG BEACH CITY	\$1,800.00
NY	LUMBERLAND TOWN	\$2,537.50
NY	LYNBROOK VILLAGE	\$1,125.00
NY	MACEDON TOWN	\$775.00
NY	MADISON COUNTY	\$23,058.00
NY	MALVERNE VILLAGE	\$8,613.00
NY	MAMARONECK TOWN	\$12,750.00
NY	MANLIUS TOWN	\$3,281.60
NY	MARLBOROUGH TOWN	\$2,680.00
NY	MIDDLETOWN CITY	\$5,700.00
NY	MOHAWK VILLAGE	\$1,600.00
NY	MONROE VILLAGE	\$1,687.50
NY	MONTGOMERY VILLAGE	\$1,688.88
NY	MOUNT HOPE TOWN	\$3,750.00
NY	MOUNT PLEASANT TOWN	\$3,908.70
NY	MOUNT VERNON CITY	\$12,000.00
NY	MT. MORRIS	\$1,353.24
NY	NASSAU VILLAGE	\$3,928.00
NY	NEW CASTLE TOWN	\$2,429.85
NY	NEW HARTFORD TOWN	\$2,808.00
NY	NEW ROCHELLE CITY	\$9,850.00

NY	NEW WINDSOR TOWN	\$5,625.00
NY	NEW YORK MILLS VILLAGE	\$2,020.00
NY	NEWBURGH CITY	\$12,630.00
NY	NIAGARA FALLS CITY	\$12,600.00
NY	NIAGARA TOWN	\$9,500.00
NY	NORTH CASTLE TOWN	\$3,836.25
NY	NORTH GREENBUSH TOWN	\$1,922.50
NY	NORTH SYRACUSE VILLAGE	\$690.78
NY	NORTHPORT VILLAGE	\$5,996.00
NY	OGDEN TOWN	\$1,147.50
NY	OLD WESTBURY VILLAGE	\$2,103.75
NY	ONEIDA CITY	\$2,260.00
NY	ONEONTA CITY	\$3,173.10
NY	ORCHARD PARK TOWN	\$4,300.00
NY	ORLEANS COUNTY	\$7,490.30
NY	OSSINING VILLAGE	\$1,634.00
NY	OTSEGO COUNTY	\$3,152.00
NY	PEEKSKILL CITY	\$4,600.20
NY	PELHAM VILLAGE	\$3,225.00
NY	PENN YAN VILLAGE	\$1,723.20
NY	PIERMONT VILLAGE	\$800.00
NY	PLATTSBURGH CITY	\$2,343.00
NY	PLEASANTVILLE VILLAGE	\$3,151.50
NY	PORT CHESTER VILLAGE	\$4,878.00
NY	PORT JERVIS CITY	\$3,602.50
NY	POTSDAM VILLAGE	\$1,230.00
NY	POUGHKEEPSIE CITY	\$7,200.00
NY	POUGHKEEPSIE TOWN	\$3,239.50
NY	POUND RIDGE TOWN	\$4,757.50
NY	PORT WASHINGTON POLICE DISTRICT	\$2,375.00
NY	RENSSELAER CITY	\$3,130.40
NY	RHINEBECK VILLAGE	\$354.50
NY	ROME CITY	\$11,932.00
NY	ROSENDALE TOWN	\$948.75
NY	ROTTERDAM TOWN	\$2,100.00
NY	RYE BROOK VILLAGE	\$2,800.00
NY	RYE CITY	\$4,560.00
NY	SAG HARBOR VILLAGE	\$823.00
NY	SALAMANCA CITY	\$7,653.24
NY	SARANAC LAKE VILLAGE	\$4,800.00
NY	SAUGERTIES TOWN	\$7,500.00
NY	SCHENECTADY CITY	\$30,400.00
NY	SCHODACK TOWN	\$953.00
NY	SCHOHARIE COUNTY	\$10,490.50
NY	SCHUYLER COUNTY	\$1,862.50
NY	SCOTIA VILLAGE	\$2,000.00
NY	SENECA FALLS VILLAGE	\$1,834.80

NY	SHELTER ISLAND TOWN	\$3,000.00
NY	SHERRILL CITY	\$1,199.75
NY	SOLVAY VILLAGE	\$2,291.50
NY	SOMERS TOWN	\$3,765.00
NY	SOUTHAMPTON TOWNSHIP	\$15,325.50
NY	SPRING VALLEY VILLAGE	\$5,200.00
NY	SPRINGVILLE VILLAGE	\$1,272.00
NY	ST JOHNSVILLE VILLAGE	\$1,302.00
NY	STEUBEN COUNTY	\$11,250.00
NY	STONY POINT TOWN	\$8,274.00
NY	SUFFERN VILLAGE	\$5,100.00
NY	SULLIVAN COUNTY	\$6,800.00
NY	TARRYTOWN VILLAGE	\$750.00
NY	TIOGA COUNTY	\$6,300.00
NY	TONAWANDA CITY	\$2,085.00
NY	TRUMANSBURG VILLAGE	\$2,061.69
NY	TUCKAHOE VILLAGE	\$2,337.50
NY	TUPPER LAKE VILLAGE	\$1,050.00
NY	TOWN OF SHAWANGUNK	\$6,076.00
NY	ULSTER TOWN	\$1,988.00
NY	UTICA CITY	\$16,000.00
NY	VERNON VILLAGE	\$1,332.00
NY	VESTAL TOWN	\$9,187.50
NY	WALDEN VILLAGE	\$3,307.50
NY	WALLKILL TOWN	\$3,474.00
NY	WALTON VILLAGE	\$1,284.00
NY	WARWICK TOWN	\$3,093.75
NY	WATERFRONT COMM OF NEW YORK HARBOR	\$3,136.00
NY	WAYNE COUNTY	\$23,295.85
NY	WELLSVILLE VILLAGE	\$1,266.76
NY	WEST SENECA TOWN	\$6,390.00
NY	WESTHAMPTON BEACH VILLAGE	\$4,120.00
NY	WHITE PLAINS CITY	\$17,887.50
NY	WHITESBORO VILLAGE	\$1,464.00
NY	WOODBURY TOWN	\$4,032.00
NY	WOODSTOCK TOWN	\$3,793.40
NY	WYOMING COUNTY	\$2,400.00
NY	YATES COUNTY	\$8,396.00
NY	YORKTOWN TOWN	\$6,000.00
	Totals for NY(203 Jurisdictions):	\$1,047,316.94
OH	AMBERLEY VILLAGE	\$2,781.00
OH	AMHERST CITY	\$1,642.50
OH	ASHLAND COUNTY	\$6,296.78
OH	AURORA CITY	\$5,198.00
OH	AUSTINTOWN TOWNSHIP	\$2,632.00
OH	AVON LAKE CITY	\$7,497.00
OH	BARBERTON CITY	\$4,270.95

OH	BARNESVILLE VILLAGE	\$2,256.00
OH	BATH TOWNSHIP	\$3,200.00
OH	BAY VILLAGE CITY	\$1,162.50
OH	BAZETTA TOWNSHIP	\$679.99
OH	BEACHWOOD CITY	\$4,735.25
OH	BEAVERCREEK CITY	\$4,115.00
OH	BEDFORD HEIGHTS CITY	\$4,000.00
OH	BELLBROOK CITY	\$3,992.50
OH	BELLVILLE VILLAGE	\$731.00
OH	BEXLEY CITY	\$2,192.50
OH	BLUE ASH CITY	\$4,340.88
OH	BOTKINS VILLAGE	\$1,072.88
OH	BOWLING GREEN CITY	\$5,168.99
OH	BRATENAHL VILLAGE	\$7,067.70
OH	BRECKSVILLE CITY	\$9,600.00
OH	BRIMFIELD TOWNSHIP	\$4,794.00
OH	BROOK PARK CITY	\$4,690.50
OH	BROOKVILLE VILLAGE	\$1,680.75
OH	BROWN COUNTY	\$5,207.60
OH	BRUNSWICK CITY	\$7,800.00
OH	BRYAN CITY	\$5,057.50
OH	BUCYRUS CITY	\$7,597.00
OH	BUTLER TOWNSHIP	\$2,101.25
OH	CANAL FULTON VILLAGE	\$1,431.98
OH	CANFIELD CITY	\$5,425.00
OH	CANTON CITY	\$16,600.00
OH	CARROLL VILLAGE	\$3,300.00
OH	CENTERVILLE CITY	\$5,675.00
OH	CHAGRIN FALLS VILLAGE	\$1,743.75
OH	CHAMPAIGN COUNTY	\$10,475.00
OH	CHARDON VILLAGE	\$1,833.00
OH	CHILlicothe CITY	\$5,586.56
OH	CLAY TOWNSHIP	\$1,303.02
OH	CLAYTON VILLAGE	\$1,450.00
OH	CLEAR CREEK TOWNSHIP	\$5,430.00
OH	CLEVELAND HGHTS CITY	\$40,950.00
OH	COLERAIN TOWNSHIP	\$4,137.38
OH	CORTLAND CITY	\$2,399.86
OH	CUYAHOGA FALLS CITY	\$825.00
OH	CUYAHOGA HEIGHTS VILLAGE	\$1,855.50
OH	DEER PARK CITY	\$1,578.00
OH	DEFIANCE CITY	\$2,887.52
OH	DEFIANCE COUNTY	\$4,912.50
OH	DELAWARE CITY	\$5,172.00
OH	DELHI TOWNSHIP	\$4,400.00
OH	DELTA VILLAGE	\$1,860.30
OH	DOYLESTOWN VILLAGE	\$401.50

OH	DUBLIN CITY	\$5,044.50
OH	EAST CLEVELAND CITY	\$15,585.00
OH	EAST PALESTINE CITY	\$2,147.25
OH	ELMORE VILLAGE	\$1,461.00
OH	ENON VILLAGE	\$4,174.50
OH	EUCLID CITY	\$4,773.00
OH	FAIRBORN CITY	\$2,612.00
OH	FAIRFAX VILLAGE	\$1,180.00
OH	FAIRLAWN CITY	\$2,206.38
OH	FAIRVIEW PARK CITY	\$1,193.25
OH	FAYETTE VILLAGE	\$1,183.50
OH	FAYETTEVILLE VILLAGE	\$7,200.00
OH	FINDLAY CITY	\$5,768.99
OH	FOREST PARK CITY	\$2,675.00
OH	FRANKLIN TOWNSHIP	\$3,600.00
OH	FAIRFIELD TOWNSHIP	\$1,956.50
OH	GALLIA COUNTY	\$3,500.00
OH	GALLIPOLIS CITY	\$879.50
OH	GARFIELD HEIGHTS CITY	\$1,905.00
OH	GARRETTSVILLE VILLAGE	\$6,142.80
OH	GEAUGA COUNTY	\$4,624.00
OH	GEAUGA PARK DISTRICT	\$700.00
OH	GENEVA CITY	\$2,092.50
OH	GENOA TOWNSHIP	\$1,743.75
OH	GERMAN TOWNSHIP	\$749.99
OH	GLENWILLOW VILLAGE	\$2,800.00
OH	GOSHEN TOWNSHIP (GOSHEN)	\$597.13
OH	GOSHEN TOWNSHIP (SALEM)	\$1,731.94
OH	GRAFTON VILLAGE	\$1,975.00
OH	GREEN TOWNSHIP	\$3,080.00
OH	GREENHILLS VILLAGE	\$1,815.86
OH	GROVE CITY	\$5,188.75
OH	GROVEPORT VILLAGE	\$2,299.50
OH	HAMILTON CITY	\$11,731.50
OH	HAMILTON TOWNSHIP	\$3,480.12
OH	HANCOCK COUNTY	\$4,139.96
OH	HARDIN COUNTY	\$3,200.00
OH	HARRISON CITY	\$1,550.00
OH	HASKINS VILLAGE	\$1,405.50
OH	HIGHLAND COUNTY	\$1,997.50
OH	HIGHLAND HEIGHTS CITY	\$2,154.00
OH	HILLIARD CITY	\$4,325.00
OH	HILLS AND DALES VILLAGE	\$967.50
OH	HILLSBORO CITY	\$1,627.38
OH	HINCKLEY TOWNSHIP	\$450.00
OH	HOLLAND VILLAGE	\$3,850.00
OH	HOLMES COUNTY	\$2,400.00

OH	HUBER HEIGHTS CITY	\$4,391.26
OH	HUDSON VILLAGE CITY	\$2,165.00
OH	HUNTING VALLEY VILLAGE	\$897.50
OH	HURON CITY	\$892.00
OH	HURON COUNTY	\$6,225.00
OH	KENTON CITY	\$1,254.90
OH	KIRTLAND CITY	\$1,050.00
OH	KIRTLAND HILLS VILLAGE	\$1,195.50
OH	KNOX COUNTY	\$2,820.00
OH	LAKEWOOD CITY	\$6,806.25
OH	LIMA CITY	\$8,770.00
OH	LIVERPOOL TOWNSHIP	\$2,742.50
OH	LOGAN COUNTY	\$1,905.00
OH	LORDSTOWN VILLAGE	\$1,379.98
OH	LOUDONVILLE VILLAGE	\$3,510.00
OH	LOUISVILLE CITY	\$4,389.80
OH	LYNDHURST CITY	\$6,015.00
OH	LIBERTY TOWNSHIP	\$2,343.00
OH	MACEDONIA CITY	\$2,500.00
OH	MADEIRA CITY	\$1,357.50
OH	MADISON COUNTY	\$5,771.60
OH	MADISON TOWNSHIP	\$6,364.00
OH	MANSFIELD CITY	\$11,200.00
OH	MANTUA VILLAGE	\$4,304.30
OH	MARBLEHEAD VILLAGE	\$1,787.49
OH	MARIEMONT VILLAGE	\$1,082.73
OH	MARION CITY	\$6,419.20
OH	MARION TOWNSHIP	\$400.00
OH	MARSHALLVILLE VILLAGE	\$1,200.00
OH	MARYSVILLE CITY	\$4,800.00
OH	MASON CITY	\$5,370.00
OH	MAUMEE CITY	\$4,764.00
OH	MAYFIELD HEIGHTS CITY	\$2,600.00
OH	MEDINA CITY	\$8,346.50
OH	MENTOR CITY	\$14,432.00
OH	MERCER COUNTY	\$3,771.50
OH	MIAMI TOWNSHIP	\$1,504.00
OH	MIDDLEFIELD VILLAGE	\$1,440.00
OH	MIFFLIN TOWNSHIP	\$1,165.50
OH	MILLERSBURG VILLAGE	\$5,404.00
OH	MONROEVILLE VILLAGE	\$1,200.00
OH	MONTGOMERY CITY	\$2,651.46
OH	MONTVILLE TOWNSHIP	\$1,590.00
OH	MORAINES CITY	\$3,327.75
OH	MORELAND HILLS VILLAGE	\$3,825.00
OH	MORROW COUNTY	\$1,875.00
OH	MOUNT VERNON CITY	\$4,193.00

OH	MUNROE FALLS CITY	\$4,399.95
OH	MUSKINGUM COUNTY	\$28,446.00
OH	MILL CREEK METROPOLITAN PARK DISTRICT	\$10,835.00
OH	NAPOLEON CITY	\$2,045.50
OH	NEW BOSTON VILLAGE	\$1,608.79
OH	NEW MIDDLETOWN VILLAGE	\$717.50
OH	NEWARK CITY	\$400.00
OH	NEWTOWN VILLAGE	\$1,600.00
OH	NILES CITY	\$657.25
OH	NORTH COLLEGE HILL CITY	\$6,239.25
OH	NORTH OLMSTED CITY	\$10,800.00
OH	NORTH RIDGEVILLE CITY	\$10,250.00
OH	NORTH ROYALTON CITY	\$4,400.00
OH	NORTHFIELD VILLAGE	\$2,400.00
OH	NORTHWOOD CITY	\$3,659.80
OH	NORTON CITY	\$1,310.00
OH	OAKWOOD CITY	\$3,197.80
OH	OAKWOOD VILLAGE	\$3,200.00
OH	OBERLIN CITY	\$2,400.00
OH	ORANGE VILLAGE	\$1,987.50
OH	OREGON CITY	\$5,100.00
OH	OTTAWA HILLS VILLAGE	\$990.00
OH	OWENSVILLE VILLAGE	\$4,792.00
OH	OXFORD CITY	\$1,632.50
OH	OXFORD TOWNSHIP	\$1,351.25
OH	OLMSTED TOWNSHIP	\$1,970.00
OH	PAINESVILLE CITY	\$5,425.20
OH	PARMA CITY	\$11,460.00
OH	PEPPER PIKE CITY	\$2,400.00
OH	PERKINS TOWNSHIP	\$2,400.00
OH	PERRY TOWNSHIP	\$3,150.00
OH	PERRYSBURG CITY	\$1,600.00
OH	PIERCE TOWNSHIP	\$4,782.60
OH	PIKE COUNTY	\$8,510.50
OH	PIQUA CITY	\$4,794.00
OH	PORTSMOUTH CITY	\$4,000.00
OH	POWELL VILLAGE	\$2,400.00
OH	RAVENNA CITY	\$2,829.90
OH	REMINDERVILLE VILLAGE	\$1,200.00
OH	REYNOLDSBURG CITY	\$2,848.00
OH	RICHMOND HEIGHTS CITY	\$1,580.00
OH	RITTMAN CITY	\$2,000.00
OH	RIVERSIDE CITY	\$3,477.71
OH	ROSSFORD CITY	\$395.00
OH	SAGAMORE HILLS TOWNSHIP	\$2,991.50
OH	SALINE TOWNSHIP	\$3,200.00
OH	SANDUSKY CITY	\$4,000.00

OH	SANDUSKY COUNTY	\$5,599.93
OH	SCIOTO COUNTY	\$2,370.88
OH	SEAMAN VILLAGE	\$2,422.29
OH	SHAKER HEIGHTS CITY	\$5,800.00
OH	SHARONVILLE CITY	\$895.00
OH	SHAWNEE TOWNSHIP	\$1,515.00
OH	SHEFFIELD LAKE CITY	\$6,120.00
OH	SHEFFIELD VILLAGE	\$1,798.90
OH	SHELBY CITY	\$1,042.50
OH	SHELBY COUNTY	\$4,235.85
OH	SIDNEY CITY	\$15,600.00
OH	SILVER LAKE VILLAGE	\$1,199.99
OH	SINCLAIR COMMUNITY COLL	\$2,439.00
OH	SMITH TOWNSHIP	\$2,555.00
OH	SOUTH EUCLID CITY	\$3,187.50
OH	SPRINGDALE CITY	\$2,475.00
OH	SPRINGFIELD CITY	\$10,491.80
OH	SPRINGFIELD TOWNSHIP (CINCINNATI)	\$3,600.00
OH	SPRINGFIELD TOWNSHIP (NEW SPRINGFIELD)	\$1,264.50
OH	STRASBURG VILLAGE	\$1,852.48
OH	STREETSBORO CITY	\$800.00
OH	STRUTHERS CITY	\$3,900.00
OH	SUGARCREEK TOWNSHIP	\$2,271.50
OH	SYLVANIA CITY	\$5,947.50
OH	TORONTO CITY	\$1,229.25
OH	TRENTON CITY	\$3,080.00
OH	TUSCARAWAS COUNTY	\$5,785.00
OH	TWINSBURG CITY	\$3,640.00
OH	TALLMADGE	\$2,799.97
OH	UNION COUNTY	\$12,444.21
OH	UNION TOWNSHIP	\$4,100.00
OH	UNIVERSITY HEIGHTS CITY	\$1,797.00
OH	UPPER ARLINGTON CITY	\$6,488.70
OH	URBANA CITY	\$1,200.00
OH	UTICA VILLAGE	\$5,570.91
OH	UNIONTOWN	\$702.50
OH	VALLEY VIEW VILLAGE	\$1,800.00
OH	VAN WERT COUNTY	\$18,829.38
OH	VANDALIA CITY	\$2,625.00
OH	WADSWORTH CITY	\$3,200.00
OH	WARREN CITY	\$2,550.00
OH	WASHINGTON COUNTY	\$3,520.00
OH	WAUSEON CITY	\$1,365.50
OH	WEATHERSFIELD TOWNSHIP	\$5,258.00
OH	WELLINGTON VILLAGE	\$1,717.50
OH	WEST CHESTER TOWNSHIP	\$10,400.00
OH	WEST LAFAYETTE VILLAGE	\$1,083.00

OH	WEST SALEM VILLAGE	\$1,230.00
OH	WEST UNITY VILLAGE	\$1,461.50
OH	WESTERVILLE CITY	\$2,000.00
OH	WESTLAKE CITY	\$7,609.00
OH	WHITEHALL CITY	\$11,250.00
OH	WICKLIFFE CITY	\$2,800.00
OH	WILLIAMS COUNTY	\$1,767.50
OH	WILLIAMSBURG VILLAGE	\$1,360.00
OH	WILLOUGHBY CITY	\$1,536.00
OH	WILLOUGHBY HILLS CITY	\$3,951.20
OH	WILLOWICK CITY	\$440.65
OH	WILMINGTON CITY	\$2,000.00
OH	WINCHESTER VILLAGE	\$298.92
OH	WOODLAWN VILLAGE	\$1,629.00
OH	WORTHINGTON CITY	\$5,327.56
OH	WYANDOT COUNTY	\$3,690.00
OH	WATERVILLE TOWNSHIP	\$1,005.00
OH	XENIA CITY	\$2,400.00
OH	YOUNGSTOWN CITY	\$12,400.00
OH	ZANESVILLE CITY	\$16,771.95
	Totals for OH(262 Jurisdictions):	\$1,039,792.48
OK	ADA CITY	\$1,448.00
OK	ARDMORE CITY	\$3,082.00
OK	BARTLESVILLE CITY	\$7,699.89
OK	BIXBY CITY	\$5,047.68
OK	CANADIAN COUNTY	\$5,114.05
OK	CLAREMORE CITY	\$4,800.00
OK	CLINTON CITY	\$1,463.00
OK	COLLINSVILLE CITY	\$1,393.00
OK	COWETA CITY	\$6,616.75
OK	CUSTER COUNTY	\$4,563.95
OK	EDMOND CITY	\$39,975.00
OK	ENID CITY	\$9,770.00
OK	FAIRVIEW CITY	\$3,247.95
OK	MAJOR COUNTY	\$1,104.00
OK	MAYES COUNTY	\$3,965.00
OK	MCALESTER CITY	\$2,179.00
OK	MOORE CITY	\$4,122.00
OK	MUSTANG CITY	\$3,020.00
OK	NOBLE CITY	\$687.00
OK	OKLAHOMA	\$177,569.86
OK	OSAGE COUNTY	\$9,134.86
OK	OWASSO CITY	\$1,741.25
OK	PERKINS TOWN	\$1,835.00
OK	PONCA CITY	\$3,060.00
OK	SALLISAW CITY	\$2,775.00
OK	SAND SPRINGS CITY	\$4,125.00

OK	SHAWNEE CITY	\$1,580.00
OK	STILLWATER CITY	\$33,570.00
OK	STROUD CITY	\$1,044.75
OK	TAHLEQUAH CITY	\$3,375.00
OK	TECUMSEH CITY	\$3,960.00
OK	THE VILLAGE CITY	\$2,058.00
OK	TONKAWA TRIBE OF OKLAHOMA	\$1,885.00
	Totals for OK(33 Jurisdictions):	\$357,011.99
OR	ALBANY CITY	\$9,375.00
OR	ASHLAND CITY	\$7,670.00
OR	ASTORIA CITY	\$1,646.00
OR	AUMSVILLE CITY	\$1,600.00
OR	BEND CITY	\$6,108.00
OR	BLACK BUTTE	\$1,200.00
OR	CENTRAL POINT CITY	\$5,185.00
OR	COBURG CITY	\$4,875.00
OR	CONFEDERATED TRIBES OF THE UMATILLA RESERVATION	\$3,712.50
OR	COOS BAY CITY	\$2,752.50
OR	COOS COUNTY	\$6,500.00
OR	CORVALLIS CITY	\$6,800.00
OR	COTTAGE GROVE CITY	\$910.00
OR	CURRY COUNTY	\$3,708.00
OR	DALLAS CITY	\$2,000.00
OR	FLORENCE CITY	\$3,800.00
OR	GRANTS PASS CITY	\$13,005.00
OR	HERMISTON CITY	\$3,525.00
OR	HOOD RIVER CITY	\$1,950.00
OR	HUBBARD CITY	\$1,590.00
OR	INDEPENDENCE CITY	\$2,000.00
OR	JACKSONVILLE CITY	\$1,222.50
OR	JEFFERSON COUNTY	\$16,345.00
OR	JOSEPHINE COUNTY	\$10,160.00
OR	KLAMATH COUNTY	\$3,207.50
OR	LA GRANDE CITY	\$725.00
OR	LINCOLN COUNTY	\$16,000.00
OR	MCMINNVILLE CITY	\$3,750.00
OR	MOLALLA CITY	\$1,950.00
OR	MONMOUTH TOWN	\$1,999.98
OR	MOUNT ANGEL CITY	\$2,875.00
OR	NEWBERG CITY	\$3,607.50
OR	NORTH BEND CITY	\$1,570.00
OR	OREGON CITY	\$2,275.00
OR	PENDLETON CITY	\$2,262.72
OR	ROCKAWAY BEACH CITY	\$1,192.50
OR	ROSEBURG CITY	\$5,215.00
OR	SCAPPOOSE CITY	\$1,350.00
OR	SILVERTON CITY	\$1,376.99

OR	SPRINGFIELD CITY	\$8,828.73
OR	STAYTON CITY	\$2,757.50
OR	SWEET HOME CITY	\$1,514.99
OR	THE DALLES CITY	\$875.00
OR	TUALATIN CITY	\$2,189.85
OR	UNION COUNTY	\$4,331.00
OR	WARRENTON CITY	\$2,000.00
OR	WASCO COUNTY	\$4,478.78
OR	WOODBURN CITY	\$2,000.00
	Totals for OR(48 Jurisdictions):	\$195,972.54
PA	ABINGTON TOWNSHIP	\$5,183.23
PA	ALBURTIS BOROUGH	\$1,890.93
PA	ALTOONA CITY	\$6,562.50
PA	AMBRIDGE BOROUGH	\$7,665.00
PA	ARMSTRONG COUNTY	\$2,522.20
PA	ATHENS BOROUGH	\$710.00
PA	ATHENS TOWNSHIP	\$5,187.46
PA	BALDWIN BOROUGH	\$9,592.00
PA	BALDWIN TOWNSHIP	\$1,800.00
PA	BEAVER BOROUGH	\$4,000.00
PA	BEAVER FALLS CITY	\$6,091.78
PA	BELLEFONTE BOROUGH	\$2,312.50
PA	BENSALEM TOWNSHIP	\$12,017.50
PA	BERWICK BOROUGH	\$3,500.00
PA	BETHEL PARK MUNICIPALITY	\$1,425.00
PA	BETHEL TOWNSHIP (BETHEL)	\$1,200.00
PA	BETHEL TOWNSHIP (GARNET VALLEY)	\$3,321.23
PA	BETHLEHEM CITY	\$17,140.00
PA	BIRMINGHAM TOWNSHIP	\$1,506.53
PA	BLAWNOX BOROUGH	\$575.00
PA	BLOOMSBURG TOWN	\$6,249.53
PA	BRADDOCK HILLS BOROUGH	\$4,900.00
PA	BRISTOL BOROUGH	\$1,713.90
PA	BRISTOL TOWNSHIP	\$6,270.00
PA	BROCKWAY BOROUGH	\$1,500.00
PA	BROOKHAVEN BOROUGH	\$2,034.50
PA	BUCKINGHAM TOWNSHIP	\$1,669.07
PA	BUFFALO TOWNSHIP	\$2,000.00
PA	BUSHKILL TOWNSHIP	\$1,100.00
PA	BUTLER CITY	\$9,200.00
PA	BUTLER TOWNSHIP (BUTLER)	\$1,550.00
PA	BUTLER TOWNSHIP (DRUMS)	\$3,387.00
PA	CARBONDALE CITY	\$4,800.00
PA	CARLISLE BOROUGH	\$4,522.50
PA	CARROLL TOWNSHIP (DILLSBURG)	\$480.00
PA	CARROLL TOWNSHIP (MONONGAHELA)	\$1,235.36
PA	CARROLL VALLEY BOROUGH	\$2,142.50

PA	CARROLLTOWN BOROUGH	\$3,180.00
PA	CENTER TOWNSHIP	\$7,600.00
PA	CENTRAL BUCKS REGIONAL POLICE DEPT	\$7,629.00
PA	CHARTIERS TOWNSHIP	\$4,825.00
PA	CHELTENHAM TOWNSHIP	\$5,190.00
PA	CHRISTIANA BOROUGH	\$1,582.82
PA	CLARION BOROUGH	\$3,587.50
PA	CLAY TOWNSHIP	\$1,264.00
PA	COAL TOWNSHIP	\$2,025.00
PA	COATESVILLE CITY	\$5,625.00
PA	COLEBROOKDALE TOWNSHIP	\$482.02
PA	COLLINGDALE BOROUGH	\$2,459.70
PA	COLUMBIA BOROUGH	\$1,425.00
PA	CONEWAGO TOWNSHIP	\$1,110.31
PA	CONEWAGO TOWNSHIP	\$2,185.00
PA	CONSHOHOCKEN BOROUGH	\$1,259.00
PA	CORNWALL BOROUGH	\$1,928.10
PA	CORNWALL-LEBANON JOINT SCHOOL DISTRICT AUTHORITY	\$1,025.00
PA	CORRY CITY	\$2,987.50
PA	CRANBERRY TOWNSHIP	\$4,175.00
PA	CRAWFORD COUNTY	\$5,412.78
PA	COLONIAL REGIONAL POLICE DEPARTMENT	\$3,788.25
PA	DALLAS TOWNSHIP	\$4,400.00
PA	DANVILLE BOROUGH	\$1,200.00
PA	DARBY BOROUGH	\$4,125.00
PA	DELMONT BOROUGH	\$400.00
PA	DERRY TOWNSHIP	\$1,000.00
PA	DOUGLASS TOWNSHIP	\$1,200.00
PA	DOVER TOWNSHIP	\$2,583.00
PA	DOWNINGTOWN BOROUGH	\$1,711.26
PA	DUBLIN BOROUGH	\$1,109.00
PA	DUNCANSVILLE BOROUGH	\$1,460.00
PA	EAST FRANKLIN TOWNSHIP	\$400.00
PA	EAST HEMPFIELD TOWNSHIP	\$3,640.00
PA	EAST NORRITON TOWNSHIP	\$2,327.16
PA	EAST PENNSBORO TOWNSHIP	\$7,113.06
PA	EAST PIKELAND TOWNSHIP	\$861.00
PA	EAST VINCENT TOWNSHIP	\$775.72
PA	EAST WHITELAND TOWNSHIP	\$8,500.00
PA	EASTERN PIKE REGIONAL POLICE	\$990.00
PA	EASTON CITY	\$2,315.95
PA	EDDYSTONE BOROUGH	\$1,807.21
PA	ELIZABETH BOROUGH	\$3,949.50
PA	ELIZABETHTOWN BOROUGH	\$1,290.00
PA	ELK COUNTY	\$1,300.50
PA	EMMAUS BOROUGH	\$2,427.50
PA	EPHRATA BOROUGH	\$6,400.00

PA	EAST FALLOWFIELD TOWNSHIP	\$1,050.00
PA	FAIRVIEW TOWNSHIP	\$4,976.30
PA	FARRELL CITY	\$937.50
PA	FINDLAY TOWNSHIP	\$1,600.00
PA	FLEETWOOD BOROUGH	\$2,738.00
PA	FOUNTAIN HILL BOROUGH	\$1,423.50
PA	FRANCONIA TOWNSHIP	\$2,485.20
PA	FRANKLIN TOWNSHIP	\$400.00
PA	GREAT BEND BOROUGH	\$400.00
PA	GROVE CITY BOROUGH	\$1,715.00
PA	HAMPTON TOWNSHIP	\$8,800.00
PA	HANOVER BOROUGH	\$4,198.50
PA	HARRISBURG CITY	\$35,687.50
PA	HATBORO BOROUGH	\$3,825.00
PA	HATFIELD TOWNSHIP	\$3,967.92
PA	HAVERFORD TOWNSHIP	\$6,763.75
PA	HAZLETON CITY	\$4,800.00
PA	HELLERTOWN BOROUGH	\$2,512.50
PA	HEMLOCK TOWNSHIP	\$1,668.00
PA	HERMITAGE CITY	\$795.50
PA	HIGHSPIRE BOROUGH	\$1,612.50
PA	HILLTOWN TOWNSHIP	\$1,873.50
PA	HOMESTEAD BOROUGH	\$6,000.00
PA	HOPEWELL TOWNSHIP	\$7,200.00
PA	HORSHAM TOWNSHIP	\$1,252.35
PA	HULMEVILLE BOROUGH	\$1,511.25
PA	HARRISBURG INTERNATIONAL AIRPORT	\$1,657.50
PA	INDIANA TOWNSHIP	\$5,534.55
PA	IRWIN BOROUGH	\$2,189.95
PA	JACKSON TOWNSHIP	\$3,565.00
PA	JEFFERSON BOROUGH	\$3,640.00
PA	JENKINTOWN BOROUGH	\$5,540.00
PA	JUNIATA COUNTY	\$3,000.00
PA	KINGSTON BOROUGH	\$7,312.50
PA	KISKIMINETAS TOWNSHIP	\$2,240.00
PA	LANCASTER TOWNSHIP	\$1,260.00
PA	LANSDOWNE BOROUGH	\$1,308.25
PA	LATROBE BOROUGH	\$5,160.00
PA	LAWRENCE COUNTY	\$19,831.00
PA	LAWRENCE TOWNSHIP	\$3,600.00
PA	LEBANON CITY	\$3,600.00
PA	LEECHBURG BOROUGH	\$2,000.00
PA	LEWISTOWN BOROUGH	\$2,420.00
PA	LINCOLN BOROUGH	\$2,400.00
PA	LINESVILLE BOROUGH	\$799.95
PA	LITITZ BOROUGH	\$1,700.00
PA	LOCK HAVEN CITY	\$1,440.00

PA	LOWER FREDERICK TOWNSHIP	\$1,093.40
PA	LOWER MAKEFIELD TOWNSHIP	\$2,439.00
PA	LOWER MERION TOWNSHIP	\$13,062.50
PA	LOWER MORELAND TOWNSHIP	\$1,493.00
PA	LOWER POTTSBORO TOWNSHIP	\$3,102.88
PA	LOWER PROVIDENCE TOWNSHIP	\$1,845.13
PA	LOWER SAUCON TOWNSHIP	\$3,013.50
PA	MAHANOEY CITY BOROUGH	\$4,800.00
PA	MAIDEN CREEK TOWNSHIP	\$557.63
PA	MALVERN BOROUGH	\$1,710.00
PA	MANHEIM TOWNSHIP	\$14,610.75
PA	MANOR TOWNSHIP	\$5,823.61
PA	MANSFIELD BOROUGH	\$2,800.00
PA	MARCUS HOOK BOROUGH	\$1,600.00
PA	MARLBOROUGH TOWNSHIP	\$1,462.50
PA	MARPLE TOWNSHIP	\$1,861.25
PA	MCCANDLESS TOWN	\$7,475.00
PA	MIDDLETOWN TOWNSHIP	\$2,524.00
PA	MIFFLIN COUNTY	\$4,500.00
PA	MIFFLINBURG BOROUGH	\$1,600.00
PA	MILFORD BOROUGH	\$3,600.00
PA	MILLCREEK TOWNSHIP (ERIE)	\$6,985.00
PA	MILLCREEK TOWNSHIP (NEWMANSTOWN)	\$2,998.00
PA	MILLERSVILLE BOROUGH	\$1,200.00
PA	MILTON BOROUGH	\$2,156.00
PA	MONTOURSVILLE BOROUGH	\$1,048.98
PA	MOON TOWNSHIP	\$9,337.13
PA	MORTON BOROUGH	\$3,600.00
PA	MOUNT OLIVER BOROUGH	\$1,600.00
PA	MUHLENBERG TOWNSHIP	\$5,517.32
PA	MUNCY BOROUGH	\$1,050.00
PA	MURRYSVILLE MUNICIPALITY	\$3,500.00
PA	MOUNT CARMEL BOROUGH	\$825.00
PA	NESHANNOCK TOWNSHIP	\$1,425.00
PA	NETHER PROVIDENCE TOWNSHIP	\$1,134.56
PA	NEW BETHLEHEM BOROUGH	\$2,700.00
PA	NEW BRITAIN TOWNSHIP	\$2,340.00
PA	NEW HANOVER TOWNSHIP	\$399.50
PA	NEW HOPE BOROUGH	\$2,816.50
PA	NEWBERRY TOWNSHIP	\$4,282.70
PA	NEWTOWN TOWNSHIP (NEWTOWN)	\$2,087.25
PA	NEWTOWN TOWNSHIP (NEWTOWN SQUARE)	\$2,561.25
PA	NORRISTOWN BOROUGH	\$13,350.00
PA	NORTH CORNWALL TOWNSHIP	\$3,600.00
PA	NORTH COVENTRY TOWNSHIP	\$3,963.72
PA	NORTH EAST BOROUGH	\$4,000.00
PA	NORTH FRANKLIN TOWNSHIP	\$1,739.18

PA	NORTH LONDONDERRY TOWNSHIP	\$1,558.32
PA	NORTH WALES BOROUGH	\$1,163.58
PA	NORTHAMPTON BOROUGH	\$1,483.50
PA	NORTHAMPTON TOWNSHIP	\$4,026.54
PA	NORTHERN CAMBRIA BOROUGH	\$1,600.00
PA	NORTHUMBERLAND COUNTY	\$3,995.44
PA	NORTH STRABANE TOWNSHIP	\$3,200.00
PA	NORTHWEST REGIONAL POLICE	\$1,680.00
PA	OXFORD BOROUGH	\$2,229.42
PA	PALMER TOWNSHIP	\$6,600.00
PA	PALMERTON BOROUGH	\$861.00
PA	PALMYRA BOROUGH	\$2,056.00
PA	PATTON BOROUGH	\$1,600.00
PA	PATTON TOWNSHIP	\$3,003.00
PA	PENN HILLS MUNICIPALITY	\$8,250.00
PA	PENN TOWNSHIP (HANOVER)	\$2,500.00
PA	PENN TOWNSHIP (IRWIN)	\$2,460.00
PA	PENNDDEL BOROUGH	\$2,087.25
PA	PERKASIE BOROUGH	\$1,754.00
PA	PHOENIXVILLE BOROUGH	\$5,703.82
PA	PLAINFIELD TOWNSHIP	\$2,756.50
PA	PLEASANT HILLS BOROUGH	\$7,199.91
PA	PLUMSTEAD TOWNSHIP	\$1,591.14
PA	PLYMOUTH TOWNSHIP	\$3,600.00
PA	POCONO TOWNSHIP	\$5,500.00
PA	POINT TOWNSHIP	\$2,290.18
PA	PORTAGE BOROUGH	\$476.00
PA	POTTSTOWN BOROUGH	\$2,868.00
PA	POTTSVILLE CITY	\$1,220.84
PA	PUNXSUTAWNEY BOROUGH	\$4,400.00
PA	POCONO MOUNTAIN REGIONAL POLICE COMMISSION	\$5,850.00
PA	QUAKERTOWN BOROUGH	\$3,140.00
PA	READING CITY	\$15,229.20
PA	RIDLEY PARK BOROUGH	\$4,400.00
PA	ROBESON TOWNSHIP	\$3,200.00
PA	ROBINSON TOWNSHIP	\$4,000.00
PA	ROCHESTER TOWNSHIP	\$4,625.00
PA	ROCKLEDGE BOROUGH	\$2,000.00
PA	ROSS TOWNSHIP	\$1,678.00
PA	RICHLAND TOWNSHIP	\$2,173.90
PA	SADSBURY TOWNSHIP	\$1,661.36
PA	SALISBURY TOWNSHIP	\$3,600.00
PA	SANDY TOWNSHIP	\$800.00
PA	SELLERSVILLE BOROUGH	\$1,681.27
PA	SHAMOKIN CITY	\$800.00
PA	SHENANGO TOWNSHIP	\$1,952.50
PA	SILVER SPRING TOWNSHIP	\$2,639.29

PA	SOLEBURY TOWNSHIP	\$1,163.58
PA	SOMERSET COUNTY	\$882.60
PA	SOUTH BEAVER TOWNSHIP	\$3,600.00
PA	SOUTH BUFFALO TOWNSHIP	\$800.00
PA	SOUTH LEBANON TOWNSHIP	\$3,200.00
PA	SOUTH PARK TOWNSHIP	\$5,600.00
PA	SOUTH STRABANE TOWNSHIP	\$2,437.50
PA	SOUTH WEST GREENSBURG BOROUGH	\$5,200.00
PA	SOUTH WILLIAMSPORT BOROUGH	\$330.00
PA	SOUTHERN CHESTER COUNTY REGIONAL	\$2,785.00
PA	SPRING GARDEN TOWNSHIP	\$4,170.00
PA	SPRING TOWNSHIP (BELLEFONTE)	\$463.00
PA	SPRING TOWNSHIP (READING)	\$1,790.00
PA	SPRINGETTSBURY TOWNSHIP	\$3,762.50
PA	SPRINGFIELD TOWNSHIP	\$4,458.00
PA	STRASBURG BOROUGH	\$2,090.00
PA	STROUD AREA REGIONAL POLICE DEPARTMENT	\$5,700.00
PA	SUGARCREEK BOROUGH	\$2,260.00
PA	SUMMIT HILL BOROUGH	\$544.50
PA	SUSQUEHANNA TOWNSHIP	\$4,065.45
PA	TARENTUM BOROUGH	\$3,600.00
PA	TELFORD BOROUGH	\$1,954.00
PA	TOWAMENCIN TOWNSHIP	\$3,976.32
PA	TREDYFFRIN TOWNSHIP	\$4,994.33
PA	TYRONE BOROUGH	\$1,500.00
PA	TIADAGHTON VALLEY REGIONAL POLICE DEPARTMENT	\$2,264.97
PA	UNION CITY BOROUGH	\$800.00
PA	UNIONTOWN CITY	\$6,596.64
PA	UPLAND BOROUGH	\$2,162.50
PA	UPPER DARBY TOWNSHIP	\$10,875.00
PA	UPPER DUBLIN TOWNSHIP	\$3,090.00
PA	UPPER MAKEFIELD TOWNSHIP	\$780.00
PA	UPPER MERION TOWNSHIP	\$7,080.00
PA	UPPER SOUTHAMPTON TOWNSHIP	\$955.00
PA	UPPER PERK POLICE DISTRICT	\$1,143.04
PA	VALLEY TOWNSHIP	\$4,264.95
PA	VENANGO COUNTY	\$475.00
PA	VERONA BOROUGH	\$2,400.00
PA	WARMINSTER TOWNSHIP	\$3,163.84
PA	WARREN CITY	\$3,975.00
PA	WARREN COUNTY	\$7,834.09
PA	WARRINGTON TOWNSHIP	\$2,879.88
PA	WASHINGTON TOWNSHIP (BANGOR)	\$399.50
PA	WASHINGTON TOWNSHIP (WAYNESBORO)	\$2,010.00
PA	WAYNESBORO BOROUGH	\$1,249.85
PA	WEATHERLY BOROUGH	\$2,000.00
PA	WEST BRANDYWINE TOWNSHIP	\$885.98

PA	WEST CHESTER BOROUGH	\$4,123.44
PA	WEST CONSHOHOCKEN BOROUGH	\$4,225.00
PA	WEST DEER TOWNSHIP	\$4,216.00
PA	WEST GOSHEN TOWNSHIP	\$2,824.95
PA	WEST HAZLETON BOROUGH	\$2,440.00
PA	WEST HEMPFIELD TOWNSHIP	\$1,600.00
PA	WEST LAMPETER TOWNSHIP	\$674.43
PA	WEST MEAD TOWNSHIP	\$2,780.00
PA	WEST NORRITON TOWNSHIP	\$1,435.31
PA	WEST SHORE REGIONAL POLICE DEPARTMENT	\$3,200.00
PA	WEST VINCENT TOWNSHIP	\$438.00
PA	WEST WHITELAND TOWNSHIP	\$2,700.00
PA	WESTMONT BOROUGH	\$8,800.00
PA	WHITEHALL BOROUGH	\$6,400.00
PA	WHITEMARSH TOWNSHIP	\$3,540.00
PA	WHITPAIN TOWNSHIP	\$1,521.00
PA	WILKINS TOWNSHIP	\$4,800.00
PA	WILSON BOROUGH	\$5,568.00
PA	WESTERN BERKS REGIONAL POLICE DEPT	\$1,274.99
PA	YEADON BOROUGH	\$2,405.00
PA	YORK CITY	\$10,578.75
PA	YORK AREA REGIONAL	\$2,773.18
	Totals for PA(294 Jurisdictions):	\$1,006,647.80
PR	ARECIBO MUNICIPALITY	\$16,950.00
PR	MUNICIPALITY OF MOCA	\$8,400.00
	Totals for PR(2 Jurisdictions):	\$25,350.00
RI	BRISTOL TOWN	\$2,385.00
RI	BURRILLVILLE TOWN	\$7,750.00
RI	CENTRAL FALLS CITY	\$2,712.50
RI	COVENTRY TOWN	\$8,750.00
RI	CUMBERLAND TOWN	\$5,425.00
RI	GLOCESTER TOWN	\$2,250.00
RI	JAMESTOWN TOWN	\$1,342.50
RI	JOHNSTON TOWN	\$5,425.00
RI	LINCOLN TOWN	\$3,875.00
RI	LITTLE COMPTON TOWN	\$1,262.75
RI	NARRAGANSETT TOWN	\$4,027.50
RI	NEW SHOREHAM TOWN	\$1,566.99
RI	NEWPORT CITY	\$12,866.75
RI	NORTH PROVIDENCE TOWN	\$8,000.00
RI	PORTSMOUTH TOWN	\$2,535.00
RI	RICHMOND TOWN	\$2,475.00
RI	SCITUATE TOWN	\$1,500.00
RI	SOUTH KINGSTOWN TOWN	\$9,200.00
RI	SMITHFIELD	\$3,487.50
RI	WARWICK CITY	\$19,450.00
RI	WEST WARWICK TOWN	\$2,955.00

RI	WESTERLY TOWN	\$12,000.00
RI	WOONSOCKET CITY	\$12,400.00
	Totals for RI(23 Jurisdictions):	\$133,641.49
SC	AIKEN CITY	\$7,798.54
SC	ANDERSON CITY	\$10,850.87
SC	BAMBERG COUNTY	\$6,800.00
SC	BARNWELL CITY	\$1,890.00
SC	BATESBURG-LEESVILLE TOWN	\$3,781.35
SC	BEAUFORT CITY	\$5,118.10
SC	BELTON CITY	\$2,486.68
SC	BLUFFTON TOWN	\$5,088.00
SC	CALHOUN COUNTY	\$4,000.00
SC	CAYCE CITY	\$7,196.23
SC	CHESTER COUNTY	\$2,399.37
SC	CLARENDON COUNTY	\$2,595.50
SC	COLLETON COUNTY	\$23,391.50
SC	COLUMBIA CITY	\$33,459.32
SC	CONWAY	\$3,990.60
SC	DARLINGTON COUNTY	\$6,793.20
SC	DORCHESTER COUNTY	\$17,198.51
SC	FLORENCE CITY	\$18,846.96
SC	FORT LAWN TOWN	\$1,970.00
SC	GEORGETOWN CITY	\$2,140.00
SC	GREENVILLE CITY	\$26,080.00
SC	GREENWOOD CITY	\$5,094.50
SC	GREENWOOD COUNTY	\$2,800.00
SC	GREER CITY	\$1,895.65
SC	HAMPTON COUNTY	\$19,225.00
SC	HANAHAN CITY	\$4,096.98
SC	HARTSVILLE CITY	\$1,289.00
SC	HORRY COUNTY	\$23,908.01
SC	IRMO TOWN	\$3,289.56
SC	LAKE CITY	\$9,588.00
SC	LANCASTER COUNTY	\$3,482.23
SC	LEE COUNTY	\$12,096.50
SC	LORIS CITY	\$3,948.00
SC	MAULDIN CITY	\$5,558.31
SC	MOUNT PLEASANT TOWN	\$14,782.50
SC	NEWBERRY CITY	\$1,505.13
SC	NEWBERRY COUNTY	\$3,475.00
SC	NORTH AUGUSTA CITY	\$7,620.77
SC	NORTH MYRTLE BEACH CITY	\$19,260.00
SC	ORANGEBURG CITY	\$5,867.56
SC	OCONEE COUNTY	\$4,770.00
SC	PICKENS COUNTY	\$7,225.21
SC	PORT ROYAL TOWN	\$3,524.50
SC	RICHLAND COUNTY	\$36,600.70

SC	ROCK HILL CITY	\$19,149.10
SC	SANTEE TOWN	\$2,042.50
SC	SOUTH CAROLINA	\$273,106.42
SC	SPARTANBURG CITY	\$12,051.00
SC	SPARTANBURG COUNTY	\$67,124.19
SC	SULLIVAN'S ISLAND TOWN	\$4,792.50
SC	SUMMERVILLE TOWN	\$9,228.75
SC	SUMTER CITY	\$12,725.00
SC	TEGA CAY CITY	\$2,295.00
SC	TRAVELERS REST CITY	\$1,456.85
SC	WALTERBORO CITY	\$1,885.40
SC	WILLIAMSTON TOWN	\$4,253.00
SC	YEMASSEE TOWN	\$3,600.00
	Totals for SC(57 Jurisdictions):	\$808,487.55
SD	ABERDEEN CITY	\$3,242.88
SD	BUTTE COUNTY	\$400.00
SD	CHARLES MIX COUNTY	\$1,348.50
SD	EDMUNDS COUNTY	\$450.00
SD	HURON CITY	\$4,245.00
SD	JEFFERSON CITY	\$800.00
SD	LINCOLN COUNTY	\$2,460.00
SD	MILLER CITY	\$1,586.64
SD	RAPID CITY	\$12,180.00
SD	SISSETON CITY	\$1,445.00
SD	UNION COUNTY	\$800.00
SD	VERMILLION CITY	\$1,800.00
SD	YANKTON COUNTY	\$1,762.50
	Totals for SD(13 Jurisdictions):	\$32,520.52
TN	ALCOA CITY	\$3,572.00
TN	ALGOOD CITY	\$2,650.00
TN	ATHENS CITY	\$4,448.50
TN	BRISTOL CITY	\$5,624.00
TN	BROWNSVILLE CITY	\$3,810.00
TN	BARTLETT	\$9,120.00
TN	CARROLL COUNTY	\$4,122.00
TN	CARTER COUNTY	\$5,100.00
TN	CENTERVILLE TOWN	\$5,145.00
TN	CLEVELAND CITY	\$9,520.00
TN	CLINTON CITY	\$2,100.00
TN	COLLIERVILLE TOWN	\$4,388.90
TN	COLUMBIA CITY	\$7,140.00
TN	COOKEVILLE CITY	\$6,479.06
TN	CORNERVILLE TOWN	\$647.85
TN	CROSSVILLE CITY	\$6,700.00
TN	CRUMP TOWN	\$1,191.26
TN	DAYTON CITY	\$4,312.50
TN	DICKSON CITY	\$7,700.00

TN	DUNLAP CITY	\$1,450.00
TN	DYER CITY	\$1,600.00
TN	DYERSBURG CITY	\$3,630.00
TN	ELIZABETHTON CITY	\$6,800.00
TN	ENGLEWOOD TOWN	\$2,023.50
TN	FAIRVIEW CITY	\$1,702.50
TN	FAYETTEVILLE CITY	\$10,000.00
TN	GALLATIN CITY	\$4,600.00
TN	GERMANTOWN CITY	\$6,875.00
TN	GOODLETTSVILLE CITY	\$3,675.00
TN	GRAINGER COUNTY	\$2,587.50
TN	GREENE COUNTY	\$4,845.00
TN	GREENEVILLE TOWN	\$6,360.00
TN	GREENFIELD TOWN	\$2,385.00
TN	GRUNDY COUNTY	\$3,765.00
TN	HAMBLÉN COUNTY	\$16,400.00
TN	HAMILTON COUNTY	\$20,601.08
TN	HAYWOOD COUNTY	\$1,225.00
TN	HENDERSONVILLE CITY	\$7,410.00
TN	HICKMAN COUNTY	\$4,410.00
TN	HOHENWALD CITY	\$850.00
TN	HUMBOLDT CITY	\$1,460.00
TN	JACKSBORO TOWN	\$1,250.00
TN	JACKSON CITY	\$5,225.00
TN	JEFFERSON CITY	\$10,543.00
TN	JOHNSON CITY	\$7,357.50
TN	JONESBOROUGH TOWN	\$5,751.00
TN	KINGSPORT CITY	\$9,720.00
TN	KNOX COUNTY	\$53,698.63
TN	LA FOLLETTE CITY	\$1,380.00
TN	LAKE CITY	\$2,187.50
TN	LAVERGNE CITY	\$14,000.00
TN	LEBANON CITY	\$21,547.00
TN	LEWISBURG CITY	\$2,250.00
TN	MANCHESTER CITY	\$3,400.00
TN	MARSHALL COUNTY	\$2,358.75
TN	MARTIN CITY	\$879.00
TN	MAURY COUNTY	\$5,947.50
TN	MCKENZIE CITY	\$1,300.00
TN	MEIGS COUNTY	\$8,882.03
TN	MEMPHIS CITY	\$65,079.02
TN	MILAN CITY	\$3,825.00
TN	MOUNT PLEASANT CITY	\$1,885.00
TN	MOUNTAIN CITY TOWN	\$3,039.12
TN	NEWPORT CITY	\$2,040.00
TN	NORRIS CITY	\$2,012.50
TN	OAKLAND TOWN	\$5,400.00

TN	OBION COUNTY	\$10,616.00
TN	OLIVER SPRINGS TOWN	\$3,162.50
TN	OVERTON COUNTY	\$4,531.50
TN	PARIS CITY	\$1,872.50
TN	PIGEON FORGE CITY	\$6,187.50
TN	PULASKI CITY	\$2,240.00
TN	PUTNAM COUNTY	\$5,700.00
TN	ROBERTSON COUNTY	\$6,650.00
TN	ROANE COUNTY GOVERNMENT	\$5,625.00
TN	SCOTT COUNTY	\$2,437.00
TN	SEVIER COUNTY	\$9,992.94
TN	SHELBYVILLE CITY	\$4,875.00
TN	SMYRNA TOWN	\$7,205.00
TN	SPRING HILL TOWN	\$5,145.00
TN	SULLIVAN COUNTY	\$2,259.33
TN	SWEETWATER CITY	\$8,337.50
TN	TENNESSEE	\$32,960.84
TN	TIPTON COUNTY	\$9,025.00
TN	TRENTON CITY	\$1,600.00
TN	TULLAHOMA CITY	\$2,040.00
TN	WASHINGTON COUNTY	\$14,771.65
TN	WHITE HOUSE CITY	\$1,210.00
TN	WHITE PINE TOWN	\$3,250.00
TN	WINCHESTER CITY	\$2,725.00
TN	SPRINGFIELD	\$2,275.00
	Totals for TN(91 Jurisdictions):	\$606,077.46
TX	ADDISON TOWN	\$21,913.18
TX	ALAMO COMM COLLEGE DISTRICT	\$3,214.68
TX	ALAMO HEIGHTS CITY	\$1,750.00
TX	ALICE CITY	\$1,608.00
TX	ALVIN CITY	\$4,375.00
TX	ALVIN IND SCH DIST 901	\$1,900.00
TX	ANGELINA COUNTY	\$7,150.00
TX	ANNA CITY	\$2,800.00
TX	ARLINGTON CITY	\$65,199.00
TX	ATHENS CITY	\$16,000.00
TX	AUSTIN COUNTY	\$4,287.15
TX	AUSTIN COMMUNITY COLLEGE DIST	\$7,962.43
TX	BALCH SPRINGS CITY	\$3,809.75
TX	BARTONVILLE TOWN	\$437.50
TX	BASTROP COUNTY	\$13,162.50
TX	BAY CITY	\$3,375.00
TX	BAYTOWN CITY	\$25,714.00
TX	BEE COUNTY	\$3,696.50
TX	BELLMEAD CITY	\$1,962.50
TX	BELTON CITY	\$752.50
TX	BENBROOK CITY	\$3,883.17

TX	BIG SPRING CITY	\$3,500.00
TX	BOERNE CITY	\$1,600.00
TX	BORGER CITY	\$5,493.68
TX	BRENHAM CITY	\$2,991.89
TX	BROWNWOOD CITY	\$6,000.00
TX	BRYAN CITY	\$18,292.50
TX	BUDA CITY	\$1,200.00
TX	BURNET COUNTY	\$12,892.50
TX	BRIDGE CITY	\$1,150.00
TX	CANYON CITY	\$2,356.00
TX	CEDAR HILL CITY	\$5,581.80
TX	CEDAR PARK CITY	\$6,982.50
TX	CELINA CITY	\$1,290.00
TX	CIBOLO CITY	\$2,918.97
TX	CLEBURNE CITY	\$3,988.00
TX	COLLIN COUNTY	\$211,468.32
TX	COLLIN COUNTY COMMUNITY COLLEGE	\$9,417.64
TX	COMAL COUNTY	\$12,742.07
TX	CONROE CITY	\$7,925.00
TX	CONROE IND SCH DIST 902	\$8,000.00
TX	COPPELL CITY	\$7,425.00
TX	COPPERAS COVE CITY	\$5,544.00
TX	CORSICANA CITY	\$2,949.00
TX	CRANE COUNTY	\$1,598.00
TX	CRAWFORD TOWN	\$800.00
TX	CROWLEY CITY	\$2,362.38
TX	CITY OF BULVERDE	\$6,337.45
TX	DALLAS IND SCH DISTRICT 905	\$45,274.60
TX	DECATUR CITY	\$2,800.00
TX	DEER PARK CITY	\$8,662.50
TX	DEL RIO CITY	\$2,100.00
TX	DENISON CITY	\$2,400.00
TX	DENVER CITY	\$800.00
TX	DESOTO CITY	\$4,619.63
TX	DICKINSON CITY	\$1,087.50
TX	DUNCANVILLE CITY	\$7,853.00
TX	DALLAS-FORT WORTH INTERNATIONAL AIRPORT BOARD	\$82,132.63
TX	EARLY CITY	\$446.17
TX	EDINBURG CITY	\$38,160.00
TX	EL PASO COMM COLLEGE	\$3,260.86
TX	EL PASO COUNTY	\$15,185.94
TX	ELGIN CITY	\$5,007.04
TX	ELLIS COUNTY	\$12,315.37
TX	EULESS CITY	\$8,621.00
TX	FAYETTE COUNTY	\$1,147.50
TX	FLOWER MOUND CITY	\$7,122.08
TX	FLOYDADA TOWN	\$374.32

TX	FOREST HILL CITY	\$3,020.50
TX	FREDERICKSBURG CITY	\$2,800.00
TX	FREESTONE COUNTY	\$1,925.28
TX	FRIENDSWOOD CITY	\$5,167.50
TX	FULSHEAR CITY	\$1,870.40
TX	GAINESVILLE CITY	\$3,250.00
TX	GALVESTON CITY	\$9,432.40
TX	GALVESTON CO WCID 12	\$1,197.69
TX	GATESVILLE CITY	\$2,010.00
TX	GIDDINGS CITY	\$4,355.28
TX	GILLESPIE COUNTY	\$3,000.00
TX	GLADEWATER CITY	\$1,652.50
TX	GLENN HEIGHTS CITY	\$2,850.00
TX	GRAHAM CITY	\$374.00
TX	GRANBURY CITY	\$4,400.00
TX	GRAND PRAIRIE CITY	\$21,789.60
TX	GRAND SALINE CITY	\$2,400.00
TX	GRANDVIEW CITY	\$3,504.00
TX	GRAPEVINE CITY	\$13,136.40
TX	GRAYSON COUNTY	\$4,940.90
TX	GREGORY CITY	\$1,937.50
TX	HALLETTSVILLE CITY	\$375.00
TX	HALTOM CITY	\$11,997.00
TX	HARKER HEIGHTS CITY	\$6,460.00
TX	HARLINGEN CITY	\$4,000.00
TX	HAYS COUNTY	\$29,200.89
TX	HEARNE CITY	\$525.00
TX	HEATH CITY	\$2,310.30
TX	HENDERSON CITY	\$7,535.00
TX	HEWITT CITY	\$2,261.49
TX	HICKORY CREEK TOWN	\$2,247.50
TX	HIGHLAND PARK CITY	\$8,071.69
TX	HIGHLAND VILLAGE CITY	\$4,720.05
TX	HOLLYWOOD PARK TOWN	\$749.99
TX	HOOD COUNTY	\$4,812.50
TX	HOUSTON CITY	\$237,685.67
TX	HOUSTON COMM COLLEGE	\$9,044.10
TX	HOWARD COUNTY	\$2,976.54
TX	HUNT COUNTY	\$4,873.88
TX	HUNTSVILLE CITY	\$3,479.15
TX	HURST CITY	\$8,799.38
TX	HUTCHINS CITY	\$3,199.80
TX	HOUSTON INDEPENDENT SCHOOL	\$19,186.17
TX	INGLESIDE CITY	\$6,562.44
TX	ITALY TOWN	\$2,445.00
TX	JACINTO CITY	\$1,950.00
TX	JACK COUNTY	\$2,956.00

TX	JACKSON COUNTY	\$2,395.00
TX	JERSEY VILLAGE CITY	\$3,475.00
TX	JONES COUNTY	\$1,615.50
TX	JONESTOWN CITY	\$1,475.26
TX	JOSHUA CITY	\$2,000.00
TX	KAUFMAN CITY	\$1,687.13
TX	KELLER CITY	\$5,183.35
TX	KENEDY COUNTY	\$3,890.39
TX	KENNEDALE CITY	\$4,000.00
TX	KERR COUNTY	\$17,652.18
TX	KERRVILLE CITY	\$14,191.28
TX	KILGORE CITY	\$4,770.00
TX	KILLEEN CITY	\$12,057.47
TX	LA PORTE CITY	\$5,700.00
TX	LAKE DALLAS TOWN	\$1,719.50
TX	LAKE JACKSON CITY	\$5,992.50
TX	LAKE WORTH CITY	\$10,752.50
TX	LAMPASAS CITY	\$3,600.00
TX	LAREDO COMMUNITY COLLEGE	\$7,384.60
TX	LEANDER CITY	\$5,100.00
TX	LEE COUNTY	\$1,162.50
TX	LEON COUNTY	\$7,812.50
TX	LITTLE ELM TOWN	\$1,031.50
TX	LITTLEFIELD CITY	\$1,333.34
TX	LIVE OAK CITY	\$3,600.00
TX	LIVINGSTON TOWN	\$1,776.48
TX	LONGVIEW CITY	\$17,892.00
TX	LORENA CITY	\$772.50
TX	LOS FRESNOS CITY	\$3,165.60
TX	LUFKIN CITY	\$7,600.00
TX	LYTLE CITY	\$1,937.50
TX	MANOR CITY	\$2,162.50
TX	MANSFIELD IND SCH DIST 908	\$7,605.00
TX	MCLENNAN COUNTY	\$12,969.43
TX	MEDINA COUNTY	\$7,200.00
TX	MELISSA CITY	\$2,550.00
TX	MINERAL WELLS CITY	\$6,991.49
TX	MISSION CITY	\$17,178.50
TX	MISSOURI CITY	\$6,658.64
TX	MONAHANS CITY	\$843.00
TX	MONT BELVIEU TOWN	\$3,200.00
TX	MONTGOMERY CITY	\$3,384.51
TX	MONTGOMERY IND SCH DIST 903	\$1,000.50
TX	MULESHOE CITY	\$1,597.50
TX	MURPHY CITY	\$1,800.00
TX	NACOGDOCHES CITY	\$2,087.50
TX	NAVARRO COUNTY	\$6,824.93

TX	NAVASOTA CITY	\$2,049.00
TX	NEW BRAUNFELS CITY	\$15,390.00
TX	NOLANVILLE CITY	\$2,220.00
TX	NORTH EAST IND SCH DIST 910	\$22,750.00
TX	NORTH RICHLAND HILLS CITY	\$9,199.90
TX	NORTHLAKE TOWN	\$1,308.75
TX	ODESSA CITY	\$23,181.87
TX	ORANGE CITY	\$5,600.00
TX	ORANGE COUNTY	\$5,881.80
TX	OVILLA CITY	\$1,907.50
TX	PALM VALLEY TOWN	\$4,000.00
TX	PARIS CITY	\$4,000.00
TX	PARMER COUNTY	\$3,152.47
TX	PFLUGERVILLE CITY	\$17,933.40
TX	PHARR CITY	\$8,335.63
TX	PINEHURST CITY	\$2,823.58
TX	PLAINVIEW CITY	\$2,000.00
TX	PORT ARTHUR CITY	\$20,114.88
TX	PORT NECHES CITY	\$3,200.00
TX	PROSPER TOWN	\$3,417.60
TX	RANCHO VIEJO TOWN	\$1,598.00
TX	RHOME CITY	\$1,085.35
TX	RICHARDSON CITY	\$15,580.75
TX	RICHLAND HILLS CITY	\$5,254.56
TX	RICHMOND CITY	\$6,174.19
TX	ROANOKE CITY	\$2,800.00
TX	ROBINSON CITY	\$2,361.75
TX	ROCKDALE CITY	\$2,676.99
TX	ROCKWALL CITY	\$9,653.50
TX	ROCKWALL COUNTY	\$3,095.13
TX	ROSENBERG CITY	\$6,500.00
TX	ROUND ROCK CITY	\$17,772.19
TX	ROWLETT CITY	\$11,822.76
TX	RUSK CITY	\$5,152.50
TX	SABINE COUNTY	\$2,725.00
TX	SACHSE CITY	\$4,000.00
TX	SAGINAW CITY	\$4,879.00
TX	SAN ANGELO CITY	\$12,310.39
TX	SAN BENITO CITY	\$3,178.18
TX	SAN JACINTO COLLEGE	\$5,007.65
TX	SAN JUAN CITY	\$9,875.00
TX	SAN MARCOS CITY	\$18,240.00
TX	SCHERTZ CITY	\$11,962.50
TX	SCURRY COUNTY	\$2,730.00
TX	SEAGOVILLE CITY	\$2,361.00
TX	SEALY CITY	\$2,586.23
TX	SEGUIN CITY	\$4,401.18

TX	SHAVANO PARK CITY	\$3,167.50
TX	SHERMAN CITY	\$4,875.00
TX	SMITHVILLE CITY	\$1,469.33
TX	SOUTH HOUSTON CITY	\$700.00
TX	SOUTHLAKE CITY	\$3,045.00
TX	SOUTHSIDE PLACE CITY	\$2,800.00
TX	SUGAR LAND CITY	\$8,950.00
TX	SUNSET VALLEY CITY	\$1,888.00
TX	TARRANT COUNTY COLLEGE	\$5,670.28
TX	TAYLOR CITY	\$1,850.00
TX	TAYLOR COUNTY	\$7,199.06
TX	TEAGUE CITY	\$3,850.00
TX	TEMPLE CITY	\$13,038.75
TX	TEXARKANA CITY	\$8,922.50
TX	TEXAS	\$68,539.71
TX	TEXAS CITY	\$35,333.00
TX	THE COLONY CITY	\$3,503.04
TX	TROPHY CLUB TOWN	\$9,600.00
TX	TULIA CITY	\$2,004.98
TX	VAL VERDE COUNTY	\$1,989.98
TX	VAN ALSTYNE TOWN	\$2,627.28
TX	VERNON CITY	\$4,500.00
TX	VICTORIA COUNTY	\$20,917.50
TX	VIDOR IND SCH DIST 907	\$1,335.00
TX	WALKER COUNTY	\$3,640.00
TX	WALLER TOWN	\$1,600.00
TX	WEATHERFORD CITY	\$13,600.00
TX	WEBSTER CITY	\$4,750.00
TX	WESLACO CITY	\$27,645.00
TX	WEST CITY	\$1,615.50
TX	WEST COLUMBIA CITY	\$2,400.00
TX	WEST ORANGE CITY	\$445.00
TX	WESTWORTH VILLAGE	\$746.80
TX	WHARTON CITY	\$2,337.50
TX	WHITE SETTLEMENT CITY	\$2,762.60
TX	WILLOW PARK CITY	\$2,778.75
TX	WILLS POINT CITY	\$3,105.00
TX	WYLIE CITY	\$4,800.00
	Totals for TX(247 Jurisdictions):	\$2,151,599.51
UT	ALPINE CITY	\$8,272.50
UT	AMERICAN FORK CITY	\$5,072.00
UT	BOUNTIFUL CITY	\$4,712.50
UT	BOX ELDER COUNTY	\$6,297.40
UT	CLEARFIELD CITY	\$4,320.00
UT	DAGGETT COUNTY	\$1,505.76
UT	DUCHESNE COUNTY	\$4,004.00
UT	ENOCH CITY	\$1,600.00

UT	FARMINGTON CITY	\$1,920.00
UT	HEBER CITY	\$920.00
UT	HURRICANE CITY	\$2,962.00
UT	IRON COUNTY	\$4,240.00
UT	KAYSVILLE CITY	\$2,782.50
UT	LA VERKIN CITY	\$1,592.46
UT	LAYTON CITY	\$4,323.00
UT	LOGAN CITY	\$4,473.75
UT	MORGAN COUNTY	\$1,087.50
UT	NEPHI CITY	\$1,952.20
UT	NORTH OGDEN CITY	\$4,000.00
UT	NORTH SALT LAKE CITY	\$2,572.50
UT	OGDEN CITY	\$18,112.50
UT	OREM CITY	\$8,348.00
UT	PARK CITY	\$7,680.00
UT	PLEASANT GROVE CITY	\$5,600.00
UT	PRICE CITY	\$5,190.00
UT	ROY CITY	\$6,800.00
UT	SALINA CITY	\$896.32
UT	SANDY CITY	\$8,300.00
UT	SANTAQUIN CITY	\$1,600.00
UT	SOUTH OGDEN CITY	\$9,200.00
UT	SPANISH FORK CITY	\$3,200.00
UT	SUNSET CITY	\$2,712.50
UT	SYRACUSE CITY	\$2,400.00
UT	TOOELE CITY	\$2,300.00
UT	TOOELE COUNTY	\$1,131.00
UT	TREMONTON CITY	\$2,046.00
UT	UINTAH COUNTY	\$7,243.00
UT	VERNAL CITY	\$1,173.00
UT	WASATCH COUNTY	\$12,088.44
UT	WEST BOUNTIFUL CITY	\$1,200.00
UT	WILLARD CITY	\$1,173.90
UT	WOODS CROSS CITY	\$2,097.00
	Totals for UT(42 Jurisdictions):	\$179,101.73
VA	ACCOMACK COUNTY	\$3,260.98
VA	AMHERST COUNTY	\$2,808.00
VA	ASHLAND TOWN	\$2,260.00
VA	BEDFORD CITY	\$1,755.00
VA	BEDFORD COUNTY	\$5,980.00
VA	BLACKSTONE TOWN	\$1,155.00
VA	BLUEFIELD TOWN	\$1,317.60
VA	BRISTOL CITY	\$1,636.20
VA	BUCKINGHAM COUNTY	\$1,899.45
VA	BUENA VISTA CITY	\$2,400.00
VA	CAMPBELL COUNTY	\$3,215.00
VA	CAROLINE COUNTY	\$10,395.00

VA	CARROLL COUNTY	\$16,284.91
VA	CHARLOTTESVILLE CITY	\$2,218.16
VA	CHILHOWIE TOWN	\$367.03
VA	CHRISTIANSBURG TOWN	\$3,672.00
VA	COLONIAL HEIGHTS CITY	\$5,800.00
VA	COVINGTON CITY	\$1,860.00
VA	CULPEPER COUNTY	\$23,918.00
VA	DANVILLE CITY	\$32,608.66
VA	DUMFRIES TOWN	\$391.40
VA	EMPORIA CITY	\$1,785.00
VA	EXMORE TOWN	\$875.50
VA	FAIRFAX CITY	\$8,833.00
VA	FAUQUIER COUNTY	\$11,600.00
VA	FLOYD COUNTY	\$2,000.00
VA	FLUVANNA COUNTY	\$4,757.90
VA	FRANKLIN CITY	\$1,695.00
VA	FRANKLIN COUNTY	\$4,051.20
VA	FRONT ROYAL TOWN	\$3,196.20
VA	GLOUCESTER COUNTY	\$3,870.00
VA	GOOCHLAND COUNTY	\$1,130.00
VA	GORDONSVILLE TOWN	\$2,260.00
VA	GRAYSON COUNTY	\$5,562.00
VA	GREENE COUNTY	\$3,600.00
VA	HENRY COUNTY	\$21,561.84
VA	HOPEWELL CITY	\$2,600.00
VA	JAMES CITY COUNTY	\$13,545.90
VA	KING GEORGE COUNTY	\$7,742.50
VA	KING WILLIAM COUNTY	\$1,695.00
VA	LANCASTER COUNTY	\$1,917.50
VA	LEESBURG TOWN	\$3,707.25
VA	LEXINGTON CITY	\$2,000.00
VA	LOUISA COUNTY	\$14,069.25
VA	LYNCHBURG CITY	\$23,200.00
VA	MANASSAS CITY	\$8,925.00
VA	MANASSAS PARK CITY	\$4,000.00
VA	MARTINSVILLE CITY	\$6,375.00
VA	MIDDLEBURG TOWN	\$3,150.00
VA	MIDDLESEX COUNTY	\$2,780.00
VA	MONTGOMERY COUNTY	\$8,073.00
VA	NEW KENT COUNTY	\$1,695.00
VA	NEW MARKET TOWN	\$1,230.00
VA	NEW RIVER VALLEY REGIONAL JAIL AUTHORITY	\$11,175.00
VA	NOTTOWAY COUNTY	\$1,130.00
VA	OCCOQUAN TOWN	\$2,400.00
VA	PAGE COUNTY	\$6,800.00
VA	PATRICK COUNTY	\$5,831.50
VA	PENINSULA AIRPORT COMMISSION	\$1,280.00

VA	PITTSYLVANIA COUNTY	\$7,541.90
VA	PORTSMOUTH CITY	\$46,750.00
VA	PRINCE GEORGE COUNTY	\$9,325.80
VA	PULASKI TOWN	\$1,680.00
VA	PURCELLVILLE TOWN	\$2,023.50
VA	ROANOKE CITY	\$21,000.00
VA	ROANOKE COUNTY	\$4,500.00
VA	ROCKY MOUNT TOWN	\$1,330.60
VA	RAPPAHANNOCK REGIONAL JAIL	\$3,825.00
VA	SALEM CITY	\$4,847.50
VA	SHENANDOAH COUNTY	\$17,737.50
VA	SOUTH BOSTON TOWN	\$3,125.00
VA	SUFFOLK CITY	\$16,716.00
VA	VINTON TOWN	\$2,030.00
VA	WARREN COUNTY	\$3,955.00
VA	WARRENTON TOWN	\$2,436.00
VA	WARSAW TOWN	\$534.50
VA	WASHINGTON COUNTY	\$4,000.00
VA	WESTMORELAND COUNTY	\$2,260.00
VA	WILLIAMSBURG CITY	\$3,500.00
VA	WINCHESTER CITY	\$4,802.50
VA	WISE COUNTY	\$10,857.00
VA	WISE TOWN	\$994.45
VA	WESTERN VIRGINIA REGIONAL JAIL	\$11,305.00
VA	YORK COUNTY	\$8,550.00
	Totals for VA(84 Jurisdictions):	\$532,929.18
VT	BARRE CITY	\$2,694.00
VT	BARRE TOWN	\$599.99
VT	BERLIN TOWN	\$908.00
VT	BRATTLEBORO TOWN	\$1,598.00
VT	BURLINGTON CITY	\$6,178.80
VT	CASTLETON TOWN	\$1,580.00
VT	DOVER TOWN	\$3,178.00
VT	ESSEX COUNTY	\$2,400.00
VT	ESSEX JUNCTION VILLAGE	\$3,294.50
VT	GRAND ISLE COUNTY	\$2,520.00
VT	HARDWICK TOWN	\$454.00
VT	HARTFORD TOWN	\$6,993.00
VT	LAMOILLE COUNTY	\$4,000.00
VT	MIDDLEBURY TOWN	\$2,632.50
VT	MONTPELIER CITY	\$1,700.00
VT	NEWPORT CITY	\$2,640.95
VT	ORANGE COUNTY	\$3,236.00
VT	RICHMOND TOWN	\$775.00
VT	RUTLAND CITY	\$4,114.50
VT	SHELBURNE TOWN	\$3,174.00
VT	SOUTH BURLINGTON CITY	\$8,425.50

VT	SPRINGFIELD TOWN	\$2,785.50
VT	ST ALBANS CITY	\$1,200.00
VT	ST JOHNSBURY TOWN	\$4,134.90
VT	STOWE TOWN	\$8,863.50
VT	SWANTON VILLAGE	\$1,931.25
VT	WASHINGTON COUNTY	\$6,000.00
VT	WEATHERSFIELD TOWN	\$1,025.00
VT	WINHALL TOWN	\$1,472.24
	Totals for VT(29 Jurisdictions):	\$90,509.13
WA	ABERDEEN CITY	\$8,335.58
WA	ANACORTES CITY	\$1,627.50
WA	ARLINGTON CITY	\$2,292.70
WA	AUBURN CITY	\$22,580.91
WA	BATTLE GROUND CITY	\$1,258.00
WA	BLACK DIAMOND TOWN	\$1,089.80
WA	BREMERTON CITY	\$7,172.50
WA	BRIER CITY	\$478.27
WA	BURLINGTON CITY	\$2,957.99
WA	CASTLE ROCK CITY	\$2,400.00
WA	CENTRALIA CITY	\$6,600.00
WA	CHEHALIS CITY	\$1,405.50
WA	CHENEY CITY	\$2,986.75
WA	CLARKSTON CITY	\$1,183.20
WA	CONNELL CITY	\$1,861.83
WA	DES MOINES CITY	\$5,082.00
WA	DOUGLAS COUNTY	\$1,386.85
WA	EATONVILLE TOWN	\$354.78
WA	EDMONDS CITY	\$6,006.00
WA	ELLENSBURG CITY	\$2,044.95
WA	ELMA CITY	\$1,049.92
WA	ENUMCLAW CITY	\$5,388.00
WA	EPHRATA CITY	\$3,386.40
WA	FEDERAL WAY CITY	\$24,438.71
WA	FERNDALE CITY	\$1,623.98
WA	FIFE CITY	\$9,994.10
WA	GARFIELD COUNTY	\$1,024.95
WA	GIG HARBOR CITY	\$4,924.02
WA	GRAYS HARBOR COUNTY	\$1,044.05
WA	HIGHLINE SCH DIST 401	\$4,225.00
WA	ISLAND COUNTY	\$10,731.50
WA	ISSAQUAH CITY	\$4,089.67
WA	JEFFERSON COUNTY	\$3,595.00
WA	KALAMA CITY	\$862.50
WA	KELSO CITY	\$2,128.00
WA	KENNEWICK CITY	\$11,422.35
WA	KIRKLAND CITY	\$8,266.50
WA	KITTITAS COUNTY	\$7,332.20

WA	LAKE STEVENS CITY	\$3,195.41
WA	LAKEWOOD CITY	\$21,200.00
WA	LEWIS COUNTY	\$5,072.06
WA	LINCOLN COUNTY	\$1,632.00
WA	LONGVIEW CITY	\$2,818.41
WA	LYNNWOOD CITY	\$7,018.88
WA	MARYSVILLE CITY	\$5,920.66
WA	MASON COUNTY	\$9,574.40
WA	MCCLEARY CITY	\$847.73
WA	MEDINA CITY	\$798.00
WA	MILL CREEK CITY	\$3,062.73
WA	MOSES LAKE CITY	\$7,260.22
WA	MOUNTLAKE TERRACE CITY	\$2,965.06
WA	MUKILTEO CITY	\$2,255.50
WA	NEWPORT CITY	\$1,065.82
WA	NISQUALLY INDIAN COMMUNITY	\$23,250.00
WA	NORMANDY PARK CITY	\$920.00
WA	OAK HARBOR CITY	\$4,723.03
WA	OKANOGAN COUNTY	\$3,704.00
WA	OLYMPIA CITY	\$11,598.55
WA	ORTING CITY	\$3,504.00
WA	OTHELLO CITY	\$2,219.53
WA	PACIFIC COUNTY	\$6,477.50
WA	PASCO CITY	\$6,150.78
WA	PEND OREILLE COUNTY	\$1,831.39
WA	PORT ANGELES CITY	\$4,201.60
WA	PULLMAN CITY	\$3,600.00
WA	PUYALLUP CITY	\$5,408.32
WA	QUINCY CITY	\$5,040.00
WA	RAYMOND CITY	\$800.00
WA	REDMOND CITY	\$10,438.75
WA	RICHLAND CITY	\$4,306.00
WA	RIDGEFIELD CITY	\$778.38
WA	RUSTON TOWN	\$1,594.22
WA	SAN JUAN COUNTY	\$3,908.36
WA	SEDRO WOOLLEY CITY	\$2,281.88
WA	SHELTON CITY	\$2,882.00
WA	SPOKANE SCH DIST 81	\$1,156.02
WA	STEVENS COUNTY	\$5,272.00
WA	SUMNER CITY	\$2,041.52
WA	SUNNYSIDE CITY	\$3,341.00
WA	TOPPENISH CITY	\$1,770.00
WA	TUMWATER CITY	\$5,755.00
WA	WAHKIAKUM COUNTY	\$3,510.50
WA	WALLA WALLA CITY	\$6,911.04
WA	WAPATO CITY	\$5,321.21
WA	WASHOUGAL CITY	\$7,079.63

WA	WENATCHEE CITY	\$3,999.99
WA	WHITE SALMON CITY	\$1,431.14
WA	YAKIMA CITY	\$20,600.00
	Totals for WA(88 Jurisdictions):	\$437,126.18
WI	ALGOMA CITY	\$799.00
WI	AMERY CITY	\$800.00
WI	APPLETON CITY	\$8,800.00
WI	ATHENS VILLAGE	\$320.00
WI	BAD RIVER BAND OF THE LAKE SUPERIOR TRIBE OF CHIPPEWA INDIANS	\$458.50
WI	BALDWIN VILLAGE	\$1,574.93
WI	BARABOO CITY	\$3,427.50
WI	BARRON COUNTY	\$1,737.50
WI	BAYSIDE VILLAGE	\$2,000.00
WI	BEAVER DAM CITY	\$3,023.08
WI	BELOIT CITY	\$8,253.00
WI	BELOIT TOWN	\$1,023.75
WI	BRODHEAD CITY	\$407.00
WI	BROOKFIELD CITY	\$3,721.50
WI	BROOKFIELD TOWN	\$1,962.50
WI	BROOKLYN VILLAGE	\$1,437.50
WI	BROWN DEER VILLAGE	\$3,519.45
WI	BUFFALO COUNTY	\$2,387.50
WI	BURLINGTON CITY	\$1,327.50
WI	BURNETT COUNTY	\$1,858.50
WI	CALUMET COUNTY	\$1,102.50
WI	CHETEK CITY	\$2,745.00
WI	CHIPPEWA COUNTY	\$16,307.50
WI	CHIPPEWA FALLS CITY	\$1,200.00
WI	CLARK COUNTY	\$2,720.97
WI	COLUMBIA COUNTY	\$1,750.00
WI	CORNELL CITY	\$2,428.75
WI	CRAWFORD COUNTY	\$19,320.00
WI	DE FOREST VILLAGE	\$2,306.00
WI	DELAFIELD CITY	\$2,520.00
WI	DELAVAN TOWN	\$2,400.00
WI	DODGE COUNTY	\$6,950.00
WI	DODGEVILLE CITY	\$2,035.00
WI	DOOR COUNTY	\$3,631.92
WI	DOUGLAS COUNTY	\$3,798.00
WI	DUNN COUNTY	\$4,950.00
WI	EAGLE RIVER CITY	\$387.50
WI	EAU CLAIRE CITY	\$6,552.00
WI	EDGERTON CITY	\$748.99
WI	ELK MOUND VILLAGE	\$393.50
WI	ELLSWORTH VILLAGE	\$604.50
WI	ELM GROVE VILLAGE	\$982.50
WI	FENNIMORE CITY	\$798.00

WI	FITCHBURG CITY	\$3,559.50
WI	FORT ATKINSON CITY	\$2,250.00
WI	FOX POINT VILLAGE	\$1,200.00
WI	FRANKLIN CITY	\$7,600.00
WI	GENOA CITY VILLAGE	\$2,588.97
WI	GLENDALE CITY	\$3,600.00
WI	GRAFTON VILLAGE	\$2,100.98
WI	GRAND CHUTE TOWN	\$2,705.00
WI	GRANT COUNTY	\$1,650.00
WI	GREEN COUNTY	\$3,200.00
WI	GREENFIELD CITY	\$9,000.00
WI	GREENWOOD CITY	\$1,200.00
WI	HALES CORNERS VILLAGE	\$1,798.00
WI	HARTFORD CITY	\$1,747.50
WI	HARTLAND VILLAGE	\$366.00
WI	IOWA COUNTY	\$344.50
WI	IRON RIVER TOWN	\$400.00
WI	JACKSON COUNTY	\$2,974.75
WI	JACKSON VILLAGE	\$1,500.00
WI	JANESVILLE CITY	\$9,014.25
WI	JEFFERSON COUNTY	\$6,375.00
WI	JUNEAU CITY	\$335.00
WI	JUNEAU COUNTY	\$5,400.00
WI	KENOSHA CITY	\$15,980.00
WI	KEWASKUM VILLAGE	\$749.99
WI	KEWAUNEE COUNTY	\$4,794.00
WI	LAKE DELTON VILLAGE	\$2,340.00
WI	LAKE GENEVA CITY	\$10,437.50
WI	LAKE HALLIE VILLAGE	\$1,957.50
WI	LANCASTER CITY	\$400.00
WI	LANGLADE COUNTY	\$1,679.00
WI	LINCOLN COUNTY	\$3,480.00
WI	LINN TOWN	\$2,565.13
WI	LITTLE CHUTE VILLAGE	\$1,835.00
WI	LODI CITY	\$800.00
WI	LUCK VILLAGE	\$1,274.99
WI	MANAWA CITY	\$2,000.00
WI	MANITOWOC CITY	\$6,010.00
WI	MANITOWOC COUNTY	\$3,717.50
WI	MARINETTE CITY	\$2,000.00
WI	MARINETTE COUNTY	\$7,800.00
WI	MARQUETTE COUNTY	\$2,474.50
WI	MARSHFIELD CITY	\$1,700.00
WI	MCFARLAND VILLAGE	\$915.00
WI	MELROSE VILLAGE	\$400.00
WI	MENASHA CITY	\$2,000.00
WI	MENASHA TOWN	\$989.00

WI	MENOMINEE COUNTY	\$1,132.50
WI	MENOMONEE FALLS VILLAGE	\$7,065.00
WI	MENOMONIE CITY	\$3,248.00
WI	MEQUON CITY	\$5,726.18
WI	MERRILL CITY	\$1,842.00
WI	MIDDLETON CITY	\$3,200.00
WI	MINOCQUA TOWN	\$555.00
WI	MONONA CITY	\$3,200.00
WI	MONROE CITY	\$2,512.50
WI	MONROE COUNTY	\$1,992.50
WI	MOUNT PLEASANT TOWN	\$4,875.00
WI	MUKWONAGO TOWN	\$1,893.86
WI	MUKWONAGO VILLAGE	\$1,021.51
WI	MUSCODA VILLAGE	\$445.00
WI	MUSKEGO CITY	\$5,200.00
WI	MENOMINEE INDIAN TRIBE OF WISCONSIN	\$549.50
WI	NEENAH CITY	\$1,648.00
WI	NEW BERLIN CITY	\$5,720.00
WI	NEW GLARUS VILLAGE	\$449.50
WI	NEW HOLSTEIN CITY	\$1,200.00
WI	NEW LONDON CITY	\$3,501.00
WI	NEW RICHMOND CITY	\$4,286.29
WI	NEWBURG VILLAGE	\$1,015.73
WI	OAK CREEK CITY	\$7,800.00
WI	OCONOMOWOC CITY	\$2,800.00
WI	ONALASKA CITY	\$1,480.00
WI	OREGON VILLAGE	\$1,403.00
WI	OSCEOLA TOWN	\$2,000.00
WI	OSHKOSH CITY	\$3,530.00
WI	OZAUKEE COUNTY	\$5,595.50
WI	PALMYRA VILLAGE	\$400.00
WI	PARK FALLS CITY	\$2,099.88
WI	PESHTIGO CITY	\$1,327.50
WI	PEWAUKEE VILLAGE	\$4,994.00
WI	PHILLIPS CITY	\$530.00
WI	PIERCE COUNTY	\$3,592.50
WI	PLATTEVILLE CITY	\$1,654.00
WI	PLEASANT PRARIE VILLAGE	\$3,995.00
WI	PLOVER VILLAGE	\$4,225.00
WI	POLK COUNTY	\$2,752.38
WI	PORTAGE CITY	\$962.12
WI	PORTAGE COUNTY	\$4,779.50
WI	PRAIRIE DU CHIEN CITY	\$2,000.00
WI	PRICE COUNTY	\$3,018.00
WI	PULASKI VILLAGE	\$3,518.50
WI	RACINE CITY	\$13,999.50
WI	RED CLIFF BAND OF LAKE SUPERIOR CHIPPEWA INDIANS	\$1,200.00

WI	REDGRANITE VILLAGE	\$850.00
WI	REEDSBURG CITY	\$4,815.07
WI	RHINELANDER CITY	\$1,560.88
WI	RICE LAKE CITY	\$1,717.50
WI	RICHLAND CENTER CITY	\$1,358.16
WI	RICHLAND COUNTY	\$5,140.00
WI	RIVER FALLS CITY	\$1,600.00
WI	ROME TOWN	\$1,102.49
WI	RUSK COUNTY	\$1,185.00
WI	SAWYER COUNTY	\$1,877.50
WI	SEYMOUR CITY	\$825.00
WI	SHAWANO COUNTY	\$4,875.00
WI	SOUTH MILWAUKEE CITY	\$1,300.00
WI	SPRING VALLEY VILLAGE	\$852.50
WI	ST CROIX COUNTY	\$10,382.49
WI	ST FRANCIS CITY	\$1,400.00
WI	STANLEY CITY	\$3,385.04
WI	STEVENS POINT CITY	\$4,000.00
WI	STURGEON BAY CITY	\$2,950.00
WI	SUPERIOR CITY	\$5,415.00
WI	SUMMIT VILLAGE	\$1,198.50
WI	TAYLOR COUNTY	\$1,573.25
WI	TOMAH CITY	\$739.50
WI	TREMPEALEAU COUNTY	\$1,587.50
WI	TURTLE LAKE VILLAGE	\$789.99
WI	TWIN LAKES VILLAGE	\$906.50
WI	TWO RIVERS CITY	\$2,203.00
WI	VERONA CITY	\$1,282.50
WI	WALWORTH VILLAGE	\$1,067.77
WI	WASHBURN CITY	\$2,360.00
WI	WATERLOO CITY	\$820.00
WI	WATERTOWN CITY	\$4,125.00
WI	WAUKESHA CITY	\$12,750.00
WI	WAUNAKEE VILLAGE	\$1,680.00
WI	WAUSAU CITY	\$5,399.50
WI	WAUWATOSA CITY	\$4,875.00
WI	WEST ALLIS CITY	\$6,502.50
WI	WEST BEND CITY	\$2,250.00
WI	WEST MILWAUKEE VILLAGE	\$1,829.90
WI	WEST SALEM VILLAGE	\$806.00
WI	WESTBY CITY	\$1,701.25
WI	WHITEFISH BAY VILLAGE	\$1,350.00
WI	WHITEWATER CITY	\$1,749.98
WI	WILLIAMS BAY VILLAGE	\$1,738.00
WI	WISCONSIN RAPIDS CITY	\$1,243.50
WI	WONEWOC VILLAGE	\$790.00
WI	WOOD COUNTY	\$4,800.00

	Totals for WI(184 Jurisdictions):	\$551,326.12
WV	BECKLEY CITY	\$4,520.00
WV	BENWOOD CITY	\$1,279.48
WV	CABELL COUNTY	\$11,405.00
WV	CHARLES TOWN CITY	\$1,882.85
WV	DUNBAR CITY	\$1,690.00
WV	HANCOCK COUNTY	\$11,600.00
WV	HARDY COUNTY	\$4,882.50
WV	HARRISON COUNTY	\$15,425.00
WV	HUNTINGTON CITY	\$13,037.50
WV	HURRICANE CITY	\$387.50
WV	JEFFERSON COUNTY	\$18,731.25
WV	MARION COUNTY	\$8,800.00
WV	MARSHALL COUNTY	\$12,784.00
WV	MINGO COUNTY	\$7,400.00
WV	MORGANTOWN CITY	\$1,660.00
WV	MOUNDSVILLE CITY	\$1,872.50
WV	NEW MARTINSVILLE CITY	\$4,360.00
WV	OAK HILL CITY	\$6,000.00
WV	POINT PLEASANT CITY	\$2,260.00
WV	PRINCETON CITY	\$1,862.50
WV	PUTNAM COUNTY	\$4,125.00
WV	RALEIGH COUNTY	\$9,380.00
WV	RITCHIE COUNTY	\$600.00
WV	VIENNA CITY	\$8,000.00
WV	WHITE HALL TOWN	\$396.00
WV	WOOD COUNTY	\$11,175.00
	Totals for WV(26 Jurisdictions):	\$165,516.08
WY	AFTON TOWN	\$1,710.00
WY	ALBANY COUNTY	\$2,740.50
WY	CAMPBELL COUNTY	\$3,625.00
WY	CASPER CITY	\$26,005.00
WY	CODY CITY	\$1,600.00
WY	DOUGLAS CITY	\$2,007.50
WY	EVANSTON CITY	\$4,704.98
WY	EVANSVILLE TOWN	\$1,285.30
WY	FREMONT COUNTY	\$6,800.00
WY	GILLETTE CITY	\$6,715.00
WY	GOSHEN COUNTY	\$2,247.50
WY	GREEN RIVER CITY	\$4,949.48
WY	JACKSON TOWN	\$3,520.00
WY	LARAMIE CITY	\$6,720.00
WY	LARAMIE COUNTY	\$6,442.50
WY	LINCOLN COUNTY	\$10,619.50
WY	LOVELL TOWN	\$3,687.50
WY	MILLS TOWN	\$2,400.00
WY	NATRONA COUNTY	\$3,705.00

WY	NIOBRARA COUNTY	\$2,317.64
WY	POWELL CITY	\$1,174.50
WY	RAWLINS CITY	\$3,175.20
WY	RIVERTON CITY	\$2,445.00
WY	ROCK SPRINGS CITY	\$10,756.95
WY	SHERIDAN CITY	\$2,800.00
WY	SHERIDAN COUNTY	\$3,805.43
WY	SUBLETTE COUNTY	\$4,306.50
WY	TETON COUNTY	\$6,425.00
WY	WASHAKIE COUNTY	\$1,821.60
WY	WORLAND CITY	\$1,189.00
	Totals for WY(30 Jurisdictions):	\$141,701.58
	Report Totals for (4470 Jurisdictions):	\$29,876,699.00

RESOLUTION # 2018-163

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF SURPRISE, ARIZONA AUTHORIZING THE CITY TO ENTER INTO AN INTERGOVERNMENTAL AGREEMENT WITH BUREAU OF JUSTICE ASSISTANCE FOR A GRANT IN THE AMOUNT OF \$7,100 AND AMENDING THE FISCAL YEAR 2019 BUDGET BY REALLOCATING APPROPRIATIONS OF \$7,100 FROM CONTINGENCY WITHIN THE GRANTS FUND TO FFY18 BULLETPROOF VEST PARTNERSHIP GRANT PERSONAL PROTECTIVE EQUIPMENT WITHIN THE GRANTS FUND.

WHEREAS, the U.S. Bureau of Justice Assistance pursuant to the Bulletproof Vest Partnership Grant Program has awarded the City of Surprise Police Department a grant in the amount of \$7,090 to purchase protective vests for its officers;

WHEREAS, it is in the best interests of the City and its residents that this grant be accepted thereby allowing the Police Department to more safely equip officers to deal with violent situations they encounter in the line of duty;

WHEREAS, this grant award was not included as part of the FY2019 budget adopted by Council Resolution #2018-78 on June 5, 2018;

WHEREAS, this action will necessitate a budget amendment; and

WHEREAS, the City of Surprise Administrative Policies require the approval of the Mayor and Council for budget amendments of this nature.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Council of the City of Surprise, Arizona, as follows.

Section 1. That the statements and schedules attached as *Exhibit A* and incorporated by reference are adopted, amending the budget of the City of Surprise, Arizona for the fiscal year July 1, 2018 through June 30, 2019.

Section 2. The City is hereby authorized to accept a grant in the amount of \$7,100 from the U.S. Bureau of Justice Assistance as part of the 2018 Bulletproof Vest Partnership (BVP) grant program in support of the National Institute of Justice (NIJ) compliant armored vests attached as *Exhibit B*.

Section 3. That Bob Wingenroth, City Manager, or his designees, are authorized to conduct all negotiations and to execute and submit all documents and other necessary or desirable instruments in connection with said application and grant award.

APPROVED AND ADOPTED this ____ day of _____, 2018.

Sharon R. Wolcott, Mayor

Attest:

Approved as to form:

Sherry Aguilar, City Clerk

Robert Wingo, City Attorney

RESOLUTION # 2018-163
Exhibit A

1. Appropriation - The allocation below represents a reallocation of appropriation in the amount of \$7,100 from contingency within the Grants Fund to FFY18 Bulletproof Vest Partnership Grant Personal Protective Equipment within the Grants Fund to cover projected expenditures associated with equipping officers with protective vests to deal with violent situations they encounter in the line of duty. These allocations do not represent an actual transfer of funds, but only a transfer of spending authority.

Fund	Department	Project/Category	Rev/ Exp	Current Budget	Increase/ (Decrease)	Amended Budget
Grants	Police	#G31041 FFY18 Bulletproof Vest Grant	E	-	7,100	7,100
Grants	Police	#G31041 FFY18 Bulletproof Vest Grant	R	-	7,100	7,100
Grants	General Operations	Other	R	20,921,200	(7,100)	20,914,100
Grants	General Operations	Contingency	E	20,821,300	(7,100)	20,814,200
Expense Total				20,821,300	-	20,821,300
Revenue Total				20,921,200	-	20,921,200



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date:	November 6, 2018	Contact Person:	Karl Zook, Public Works Department
Submitting Department:		District:	5
Staff Recommendations:	None		

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action declaring the City's intention to enlarge the territory of the Marley Park Phase 4 #140 Lighting Improvement District pursuant to A.R.S. 48-616; Resolution # 2018-144.

Motion:

I move to approve Resolution # 2018-144.

Background:

The Marley Park Phase 4 #140 Lighting Improvement District was formed in 2014 (Resolution No. 2014-119). Since the time of formation, new parcels have been formed in and around the original street lighting improvement district ("SLID") boundary. The City intends to enlarge the boundaries of the existing SLID to include the new parcels and extend existing boundaries to roadway centerlines. The City has verified that the Petition for the proposed SLID enlargement contains the signatures of all of the real property owners in the enlargement area of the district, exclusive of mortgages and other lien holders. Two hundred and fifty (estimated) new lights are proposed within this enlargement which includes both local and collector roads. The cost for the facilities and energy purchases will be billed to the Marley Park Phase 4 #140 Lighting Improvement District.

Objective Analysis:

A SLID is a special taxing district in which property owners in a defined area agree to pay the costs to operate and maintain their immediate area's street lighting through a property tax. All new developments in the City of Surprise require a SLID. This action will enlarge an existing SLID boundary to include the remainder of the parcels not within the SLID and extend existing boundaries to roadway centerlines. The SLID costs are paid for by the levy and collection of an equal apportionment of taxes based on the number and classification of properties within the SLID. The enlargement of the SLID will only affect the parcels in the territory being added, as the valuation of the property may be increased.

Policy Compliant:

Surprise Municipal Code requires that street lighting that serves a defined area be paid for through revenues obtained from the specific area being served by such street lighting. The city strives to assure that residents are subject to only one SLID and that the boundaries of each SLID accurately reflect the service area. This item is consistent with these objectives.

Financial Impact:

Any financial impact on the City is anticipated to be minimal, as the ratio of the new lights to existing lights is very small, and because any increased costs in the SLID will be paid by property owners through property taxes.

Budget Impact:

This is an enlargement of an existing SLID, therefore no impact to the budget is anticipated. A separate fund for this taxing district is currently in place to track the revenue and expenses.

FTE Impact:

This action does not change the full time equivalent count.

ATTACHMENTS:

Click to download

[Resolution 2018-144](#)

[SLID Petition enlargement](#)

[Marley Park Phase 4 and 5 144th Dr. Streetlight plans](#)

[Marley Park Phase 4 and 5 Old Oak Ln Streetlight plans](#)

[Marley Park Phase 4 and 5 Parcel 1A Streetlight plans](#)

[Marley Park Phase 4 and 5 Parcel 1B](#)

[Marley Park Phase 4 and 5 Parcel 3](#)

[Marley Park Phase 4 and 5 Parcel 4](#)

[Marley Park Phase 4 and 5 Parcel 5](#)

[Marley Park Phase 4 and 5 Parcel 6](#)

[Marley Park Phase 4 and 5 Parcel 7](#)

[Marley Park Phase 4 and 5 parcel 8](#)

[Marley Park Phase 4 and 5 parcel 9](#)

[Marley Park Phase 4 and 5 Park A Model Complex](#)

[Marley Park Phase 4 and 5 Sweetwater Streetlight Plans](#)

[SLID enlargement boundary & Council Map exhibit](#)

RESOLUTION # 2018-144

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF SURPRISE, ARIZONA DECLARING ITS INTENT TO ENLARGE THE CITY OF SURPRISE, ARIZONA MARLEY PARK PHASE 4 #140 LIGHTING IMPROVEMENT DISTRICT AND ORDERING SUCH ENLARGEMENT.

WHEREAS, on December 16, 2014, the Mayor and City Council of the City of Surprise adopted Resolution No. 2014-119, ordering the formation of the City of Surprise, Arizona Marley Park Phase 4 #140 Lighting Improvement District (the "District") for the purpose of purchasing electricity for the lighting of the public streets and parks within the District;

WHEREAS, Ariz. Rev. Stat. § 48-616(M) permits the City to enlarge the boundaries of a street lighting improvement district ("SLID") when proper notice has been given to the owners of the real property that will be added to the SLID;

WHEREAS, Ariz. Rev. Stat. § 48-617(A) gives the City immediate jurisdiction to order the creation or enlargement of a SLID without notice when all owners of the real property being added to the SLID have petitioned the City to form or enlarge the SLID;

WHEREAS, the owners, exclusive of mortgagees and other lienholders, of parcels of property which adjoin the District (hereinafter referred to as "Petitioners") acting pursuant to the provisions of Ariz. Rev. Stat. §§ 48-616(M) and 48-617(A), have petitioned the City to enlarge the District to include said property legally described in Exhibit A with such boundaries as shown in the map in Exhibit B;

WHEREAS, the City has verified and finds that Petitioners are the owners, exclusive of mortgagees and other lienholders, of all of the real property being added to the boundary of the District;

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Surprise, Arizona, as follows.

Section 1. *District Enlargement.* The City of Surprise, Arizona Marley Park Phase 4 #140 Lighting Improvement District shall be enlarged by the addition of the property described in Exhibit A and Exhibit B, which are incorporated by reference hereto into this Resolution. The resulting District boundary after enlargement is legally described in Exhibit C with such boundaries as shown in the map in Exhibit D attached hereto. The annual tax levied upon the District will remain in full force and effect, and, commencing in fiscal year 2019/2020 will apply to the District as enlarged by this Resolution.

Section 2. *Recording and Filing of this Resolution.* A certified copy of this Resolution shall be recorded in the office of the Maricopa County Recorder. Certified copies of this Resolution shall also be filed with the Arizona Department of Revenue and the Maricopa County Assessor's office pursuant to Ariz. Rev. Stat. § 42-17257.

APPROVED AND ADOPTED this ____ day of _____, 2018.

Sharon R. Wolcott, Mayor

Attest:

Approved as to form:

Sherry Aguilar, City Clerk

Robert Wingo, City Attorney

EXHIBIT "A"

DESCRIPTION

MARLEY PARK PHASE 4 & 5 STREET LIGHT IMPROVEMENT DISTRICT

A portion of Section 16, Township 3 North, Range 1 West of the Gila and Salt River Base and Meridian, City of Surprise, Maricopa County, Arizona, described as follows:

BEGINNING at the West Quarter Corner of said Section;
Thence North 00°01'02" West 2627.28 feet to the Northwest Corner of said Section;
Thence South 89°20'49" East 2639.19 feet to the North Quarter Corner of said Section;
Thence along the north line of the northeast quarter of said Section South 89°21'06" East 1334.80 feet;
Thence departing said line South 00°38'54" West 65.00 feet;
Thence South 11°36'21" East 2548.28 feet to a point on a non-tangent curve, concave northerly the center of which lies North 09°45'55" East 1947.00 feet;
Thence easterly along the arc of said curve through a central angle of 09°02'45" a distance of 307.39 feet;
Thence South 89°16'50" East 393.63 feet;
Thence North 45°20'18" East 56.19 feet to the west right of way line of Litchfield Road;
Thence along said right of way line South 00°02'34" East 93.00 feet to a point on the east-west midsection line of said Section;
Thence continuing along said right of way line South 00°02'21" East 83.02 feet;
Thence North 44°39'52" West 42.71 feet;
Thence North 89°16'50" West 405.04 feet to the beginning of a tangent curve, concave northerly, having a radius of 2053.00 feet;
Thence westerly along the arc of said curve, through a central angle of 04°54'56" a distance of 176.12 feet;
Thence North 05°38'06" East 23.00 feet to the beginning of a non-tangent curve, concave northerly, the center of which lies North 05°38'06" East 2030.00 feet;
Thence westerly along the arc of said curve through a central angle of 03°38'08" a distance of 128.82 feet;
Thence South 09°16'14" West 23.00 feet to a point on a non-tangent curve, concave northerly, the center of which lies North 09°16'14" East 2053.00 feet;
Thence westerly along the arc of said curve through a central angle of 04°29'45" a distance of 161.10 feet;

DESCRIPTION continued on page 2 of 2

DESCRIPTION (continued from page 1 of 2)

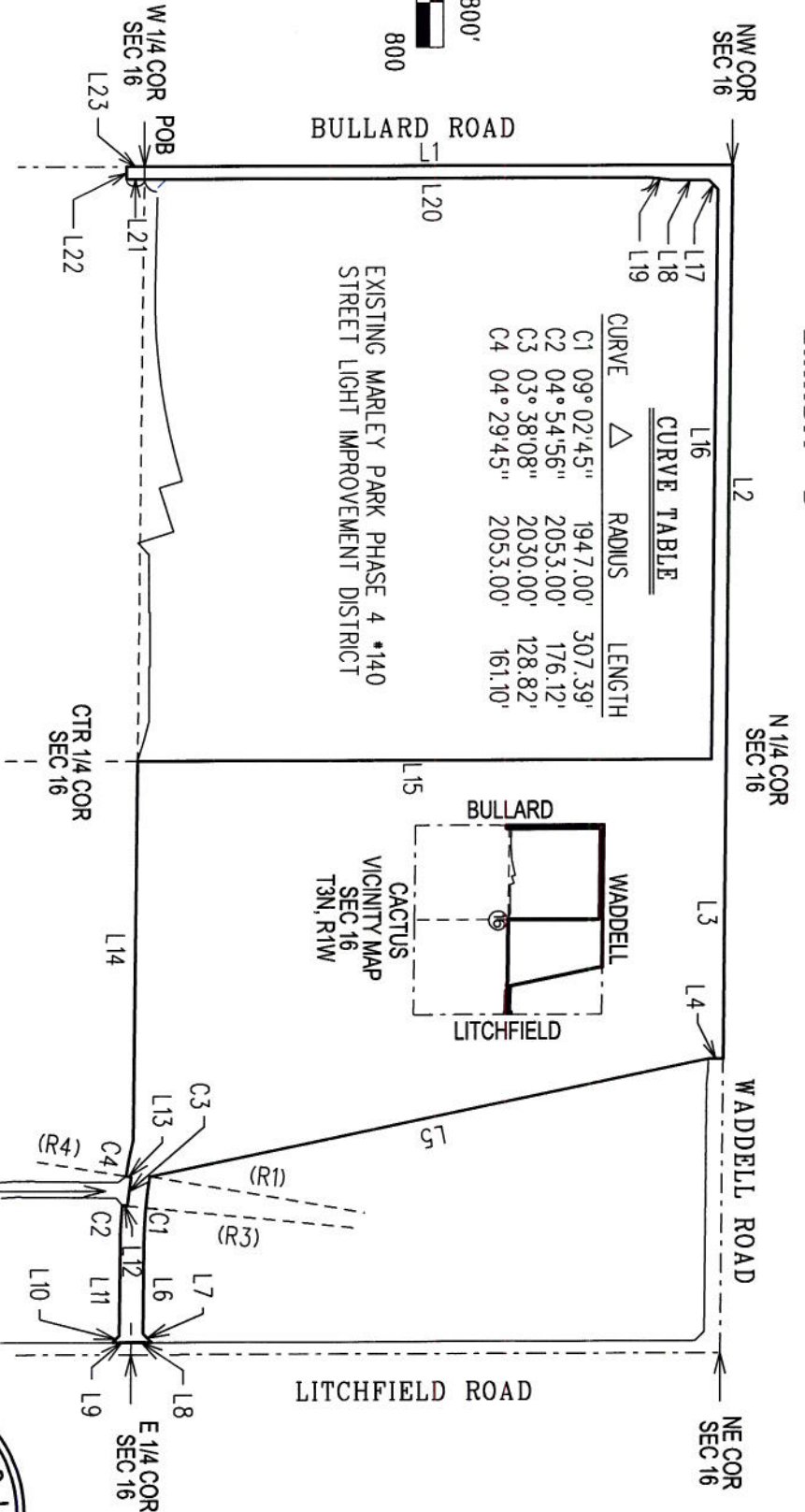
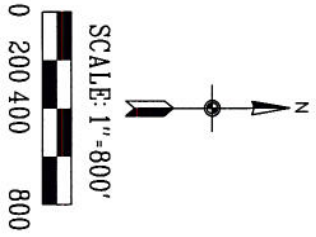
Thence North 89°16'43" West 1689.31 feet;
Thence North 00°01'08" East 2565.32 feet;
Thence North 89°20'49" West 2532.15 feet;
Thence South 45°19'04" West 56.24 feet;
Thence South 00°01'03" East 165.05 feet;
Thence South 06°44'20" West 102.00 feet;
Thence South 00°01'03" East 2255.20 feet;
Thence South 00°04'59" West 80.66 feet;
Thence North 89°55'01" West 55.00 feet;
Thence North 00°04'59" East 80.61 feet to the POINT OF BEGINNING.

Attached is Exhibit "B" and by this reference is made a part hereof.

End of description



EXHIBIT "B"



CURVE TABLE			
CURVE	Δ	RADIUS	LENGTH
C1	09° 02' 45"	1947.00'	307.39'
C2	04° 54' 56"	2053.00'	176.12'
C3	03° 38' 08"	2030.00'	128.82'
C4	04° 29' 45"	2053.00'	161.10'

LINE TABLE

LINE	BEARING	LENGTH
L1	N00° 01' 02" W	2627.28'
L2	S89° 20' 49" E	2639.19'
L3	S89° 21' 06" E	1334.80'
L4	S00° 38' 54" W	65.00'
L5	S11° 36' 21" E	2548.28'
L6	S89° 16' 50" E	393.63'
L7	N45° 20' 18" E	56.19'
L8	S00° 02' 34" E	93.00'
L9	S00° 02' 21" E	83.02'
L10	N44° 39' 52" W	42.71'
L11	N89° 16' 50" W	405.04'
L12	N05° 38' 06" E	23.00'
L13	S09° 16' 14" W	23.00'
L14	N89° 16' 43" W	1689.31'
L15	N00° 01' 08" E	2565.32'

LINE TABLE

LINE	BEARING	LENGTH
L16	N89° 20' 49" W	2532.15'
L17	S45° 19' 04" W	56.24'
L18	S00° 01' 03" E	165.05'
L19	S06° 44' 20" W	102.00'
L20	S00° 01' 03" E	2255.20'
L21	S00° 04' 59" W	80.66'
L22	N89° 55' 01" W	55.00'
L23	N00° 04' 59" E	80.61'

RADIAL LINE TABLE

LINE	BEARING	LENGTH
(R1)	N09° 45' 55" E	1947.00'
(R3)	N05° 38' 06" E	2030.00'
(R4)	N09° 16' 14" E	2053.00'



CITY OF SURPRISE
 LAND SURVEY DEPARTMENT
 16000 N. CIVIC CENTER PLAZA
 SURPRISE, AZ. 85374

MARLEY PARK PHASE 4 & 5
 STREET LIGHT IMPROVEMENT DISTRICT

PROJECT # 18022

DRAWN BY RCD

DATE 08-22-18

SHEET 1 OF 1



EXHIBIT "C"

DESCRIPTION

MARLEY PARK PHASE 4 & 5 STREET LIGHT IMPROVEMENT DISTRICT

A portion of Section 16, Township 3 North, Range 1 West of the Gila and Salt River Base and Meridian, City of Surprise, Maricopa County, Arizona, described as follows:

BEGINNING at the West Quarter Corner of said Section;
Thence North $00^{\circ}01'02''$ West 2627.28 feet to the Northwest Corner of said Section;
Thence South $89^{\circ}20'49''$ East 2639.19 feet to the North Quarter Corner of said Section;
Thence along the north line of the northeast quarter of said Section South $89^{\circ}21'06''$ East 1334.80 feet;
Thence departing said line South $00^{\circ}38'54''$ West 65.00 feet;
Thence South $11^{\circ}36'21''$ East 2548.28 feet to a point on a non-tangent curve, concave northerly the center of which lies North $09^{\circ}45'55''$ East 1947.00 feet;
Thence easterly along the arc of said curve through a central angle of $09^{\circ}02'45''$ a distance of 307.39 feet;
Thence South $89^{\circ}16'50''$ East 393.63 feet;
Thence North $45^{\circ}20'18''$ East 56.19 feet to the west right of way line of Litchfield Road;
Thence along said right of way line South $00^{\circ}02'34''$ East 93.00 feet to a point on the east-west midsection line of said Section;
Thence continuing along said right of way line South $00^{\circ}02'21''$ East 83.02 feet;
Thence North $44^{\circ}39'52''$ West 42.71 feet;
Thence North $89^{\circ}16'50''$ West 405.04 feet to the beginning of a tangent curve, concave northerly, having a radius of 2053.00 feet;
Thence westerly along the arc of said curve, through a central angle of $04^{\circ}54'56''$ a distance of 176.12 feet;
Thence North $05^{\circ}38'06''$ East 23.00 feet to the beginning of a non-tangent curve, concave northerly, the center of which lies North $05^{\circ}38'06''$ East 2030.00 feet;
Thence westerly along the arc of said curve through a central angle of $03^{\circ}38'08''$ a distance of 128.82 feet;
Thence South $09^{\circ}16'14''$ West 23.00 feet to a point on a non-tangent curve, concave northerly, the center of which lies North $09^{\circ}16'14''$ East 2053.00 feet;
Thence westerly along the arc of said curve through a central angle of $04^{\circ}29'45''$ a distance of 161.10 feet;

DESCRIPTION continued on page 2 of 2

DESCRIPTION (continued from page 1 of 2)

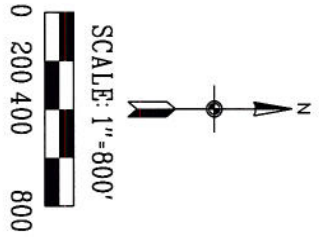
Thence North 89°16'43" West 1689.31 feet;
Thence North 72°33'46" West 101.15 feet;
Thence North 75°21'28" West 84.48 feet;
Thence North 89°58'52" West 240.00 feet;
Thence North 00°01'08" East 5.00 feet;
Thence North 89°58'52" West 240.00 feet;
Thence South 00°01'08" West 5.00 feet;
Thence North 89°58'52" West 255.14 feet;
Thence South 46°56'43" West 71.83 feet;
Thence North 17°41'35" West 166.28 feet;
Thence South 72° 21'50" West 205.39 feet;
Thence North 17°00'20" West 106.00 feet to a point on a non-tangent curve, concave northerly, the center of which lines North 17°00'20" West 2727.00 feet;
Thence along the arc of said curve through a central angle of 18°18'59" a distance of 871.77 feet;
Thence North 88°41'21" West 439.41 feet;
Thence North 44°21' 35" West 57.23 feet;
Thence South 00°00'54" East 99.79 feet;
Thence South 00°04'59" West 80.66 feet;
Thence North 89°55'01" West 55.00 feet;
Thence North 00°04'59" East 80.61 feet to the POINT OF BEGINNING.

Attached is Exhibit "D" and by this reference is made a part hereof.

End of description



EXHIBIT "D"



BULLARD ROAD

NW COR
SEC 16

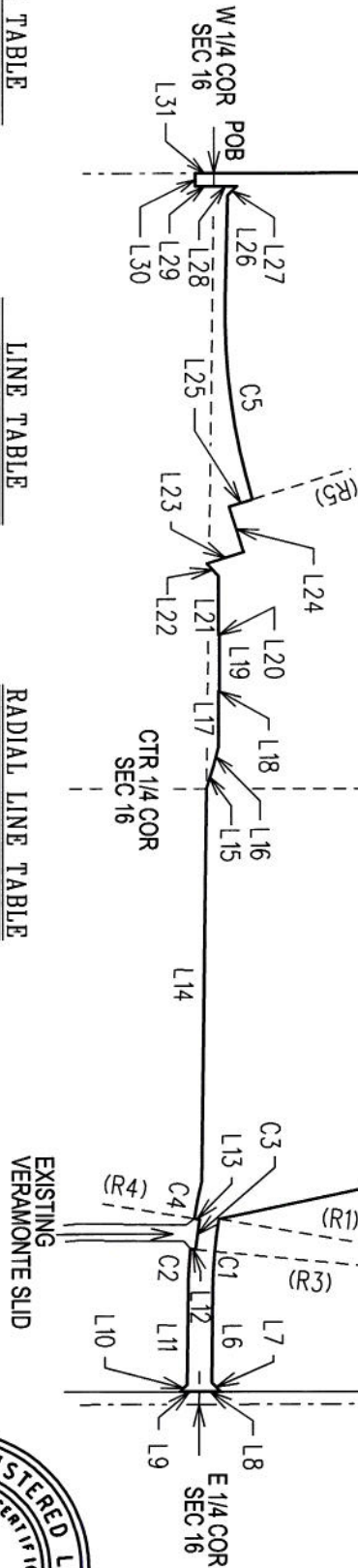
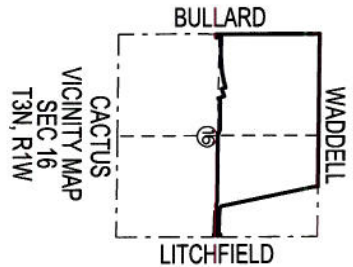
N 1/4 COR
SEC 16

WADDELL ROAD

NE COR
SEC 16

CURVE TABLE

CURVE	Δ	RADIUS	LENGTH
C1	09° 02' 45"	1947.00'	307.39'
C2	04° 54' 56"	2053.00'	176.12'
C3	03° 38' 08"	2030.00'	128.82'
C4	04° 29' 45"	2053.00'	161.10'
C5	18° 18' 59"	2727.00'	871.77'



LINE TABLE

LINE	BEARING	LENGTH
L1	N00° 01' 02" W	2627.28'
L2	S89° 20' 49" E	2639.19'
L3	S89° 21' 06" E	1334.80'
L4	S00° 38' 54" W	65.00'
L5	S11° 36' 21" E	2548.28'
L6	S89° 16' 50" E	393.63'
L7	N45° 20' 18" E	56.19'
L8	S00° 02' 34" E	93.00'
L9	S00° 02' 21" E	83.02'
L10	N44° 39' 52" W	42.71'
L11	N89° 16' 50" W	405.04'
L12	N05° 38' 06" E	23.00'
L13	S09° 16' 14" W	23.00'
L14	N89° 16' 43" W	1689.31'
L15	N72° 33' 46" W	101.15'

LINE TABLE

LINE	BEARING	LENGTH
L16	N75° 21' 28" W	84.48'
L17	N89° 58' 52" W	240.00'
L18	N00° 01' 08" E	5.00'
L19	N89° 58' 52" W	240.00'
L20	S00° 01' 08" W	5.00'
L21	N89° 58' 52" W	255.14'
L22	S46° 56' 43" W	71.83'
L23	N17° 41' 35" W	166.28'
L24	S72° 21' 50" W	205.39'
L25	N17° 00' 20" W	106.00'
L26	N88° 41' 21" W	439.41'
L27	N44° 21' 35" W	57.23'
L28	S00° 00' 54" E	99.79'
L29	S00° 04' 59" W	80.66'
L30	N89° 55' 01" W	55.00'
L31	N00° 04' 59" E	80.61'

RADIAL LINE TABLE

LINE	BEARING	LENGTH
(R1)	N09° 45' 55" E	1947.00'
(R3)	N05° 38' 06" E	2030.00'
(R4)	N09° 16' 14" E	2053.00'
(R5)	N17° 00' 20" W	2727.00'



CITY OF SURPRISE
LAND SURVEY DEPARTMENT
16000 N. CIVIC CENTER PLAZA
SURPRISE, AZ. 85374

MARLEY PARK PHASE 4 & 5
STREET LIGHT IMPROVEMENT DISTRICT

PROJECT # 18022

DRAWN BY RCD

DATE 08-22-18

SHEET 1 OF 1

STREET LIGHT IMPROVEMENT DISTRICT PETITION

TO THE MAYOR AND COUNCIL OF THE CITY OF SURPRISE:

We, the undersigned, are all or a majority of the real property owners, exclusive of mortgagees and other lienholders, adjoining the district named below. We petition the City Council of the City of Surprise, Arizona, to enlarge the District to include said property legally described in Exhibit A with such boundaries as shown in the map in Exhibit B attached hereto. This petition includes a charge for maintaining the lighting facilities.

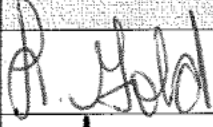
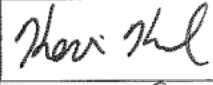
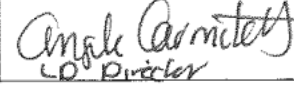
It is hereby requested that, in compliance with the Arizona Revised Statutes, the City Council adopt a Resolution of Intention to enlarge the existing District, and that unless protests are received pursuant to A.R.S. §48-579 sufficient to bar further proceedings, the City Council proceed with the improvements petitioned for herein.

Public convenience, necessity and welfare will be promoted by the establishment of the District and the real property within the District will be benefited by the District. Additional street lighting facilities may be installed and included in the District, at no investment cost to the District, as directed by the City and as approved by Arizona Public Service and the City Engineer.

WHEREFORE, we respectfully ask that this Petition be properly filed and that the Mayor and Council of the City adopt the Resolution and take such other action as is proper, necessary and appropriate to enlarge the District and to fulfill the purposes for which the District is organized, as the Mayor and Council believe is proper and necessary.

The name of the existing street light improvements district to be enlarged:
Marley Park Ph4 #140

PETITIONERS: Please print and sign your name

PRINT BUSINESS/ PETITIONER'S NAME	ADDRESS OF PROPERTY OWNED WITHIN DISTRICT	ASSESSOR PARCEL #	SIGNATURE
Legacy Traditional School-Surprise	14506 W Sweetwater Ave, Surprise, AZ 85379	501-39-987, 501-39-989	
Meritage Homes of Arizona Inc.	SEC Waddell Road & Bullard Ave 509-08-884, 509-08-874, 509-08-875, 509-08-876, 509-08-877, 509-08-878, 509-08-879, 509-08-880, 509-08-882	501-39-990E, 501-39-990L, 501-39-009F, 501-39-009D, 501-39-990D, 509-08-881	
Towne Development Inc	SEC Waddell Road & Bullard Ave	501-39-990K, 501-39-990J	
Beazer Homes Holdings LLC	SEC Waddell Road & Bullard Ave	501-39-009E	 Angela Carmichael CO. Director



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

AVAILABILITY

This rate schedule is applicable to those portions of cities, towns and unincorporated communities in which the Company does a general retail electric business and where the Company has installed a multiple or series street lighting system of adequate capacity for the service to be rendered.

DESCRIPTION

E-58 is a rate that is applicable for lighting public streets, alleys, thoroughfares, public parks and playgrounds from dusk to dawn by use of Company's facilities.

TIME PERIODS

Dusk: Time between sunset and full night when photocontrol senses the lack of sufficient sunlight and turns on the lights.
Dawn: The time between full night and sunrise when a photocontrol senses sufficient sunlight to turn off lights.

CHARGES

The monthly bill will consist of the following charges, plus adjustments.

I. FIXTURES (Includes Mounting Arm, if Applicable)

	Lumen	Watts	kWh	CHARGES	
				Investment by Company	Investment by Others
A. Acorn	3,835 LED	75	26	\$21.63	\$7.59
	4,796 LED	75	26	\$17.38	\$6.46
	5,003 LED	100	35	\$23.45	\$8.71
	5,904 LED	100	35	\$23.03	\$8.60
	6000 IND	85	29	\$19.24	\$5.14
B. Architectural	6,200 IND	85	29	\$10.13	\$3.93
	8,400 IND	100	34	\$10.69	\$4.36
	10,200 IND	120	41	\$11.75	\$4.99
	13,000 IND	150	52	\$12.98	\$5.93
	20,500 IND	200	69	\$14.78	\$7.37
	22,500 IND	265	91	\$17.63	\$9.28
	3,300 LED	43	15	\$10.24	\$3.79
	3,800 LED	32	12	\$7.73	\$2.92
	3,900 LED	32	12	\$9.96	\$3.51
	4,050 LED	63	22	\$18.63	\$6.52
	4,100 LED	45	16	\$10.34	\$3.89
	4,800 LED	41	15	\$8.27	\$3.27
	5,000 LED	41	15	\$9.61	\$3.62



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

	CHARGES				
	Lumen	Watts	kWh	Investment by Company	Investment by Others
	5,100 LED	60	21	\$10.18	\$4.19
	5,300 LED	67	24	\$10.47	\$4.48
	5,800 LED	94	32	\$17.81	\$5.16
	5,890 LED	89	31	\$20.56	\$7.66
	6,000 LED	62	22	\$18.63	\$6.52
	6,000 LED	67	24	\$19.89	\$6.99
	6,400 LED	89	31	\$17.89	\$5.10
	6,810 LED	101	35	\$18.89	\$7.50
	7,100 LED	62	22	\$19.70	\$6.80
	7,400 LED	127	44	\$20.42	\$6.34
	7,500 LED	73	26	\$20.08	\$7.18
	7,700 LED	86	30	\$18.41	\$7.02
	8,200 LED	88	31	\$10.45	\$4.97
	8,200 LED	95	33	\$11.87	\$5.48
	8,300 LED	72	25	\$17.93	\$6.54
	8,300 LED	106	37	\$12.45	\$5.91
	8,500 LED	88	31	\$11.69	\$5.30
	9,020 LED	139	48	\$22.94	\$9.47
	9,200 LED	139	48	\$25.60	\$7.30
	9,900 LED	130	45	\$13.82	\$6.84
	10,000 LED	93	32	\$21.43	\$7.96
	10,000 LED	113	39	\$13.26	\$6.28
	10,600 LED	126	44	\$22.56	\$9.09
	11,100 LED	108	38	\$12.76	\$6.07
	11,500 LED	108	38	\$13.16	\$6.18
	12,300 LED	203	70	\$25.48	\$8.85
	12,900 LED	119	41	\$22.31	\$8.82
	13,260 LED	202	70	\$27.11	\$12.12
	13,620 LED	202	70	\$28.49	\$9.24
	14,000 LED	171	59	\$26.07	\$11.08
	15,000 LED	136	47	\$24.93	\$9.94
	15,400 LED	144	50	\$25.21	\$10.22
	18,300 LED	162	56	\$16.13	\$8.22
	19,200 LED	257	89	\$26.87	\$13.38
	20,000 LED	258	89	\$26.87	\$13.38
	20,300 LED	193	67	\$17.17	\$9.26
	21,000 LED	193	67	\$24.77	\$11.28
C. Cobra	6,200 IND	75	26	\$10.54	\$3.77
	6,400 IND	85	29	\$8.97	\$3.78
	8,000 IND	88	30	\$10.47	\$4.04
	8,400 IND	100	34	\$9.70	\$4.24
	10,200 IND	120	41	\$10.44	\$4.81



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

				CHARGES				
				Investment by Company	Investment by Others			
				Lumen	Watts	kWh		
C. Cobra				13,000 IND	150	52	\$11.50	\$5.73
				15,250 IND	200	69	\$13.86	\$7.25
				22,500 IND	250	86	\$18.55	\$9.06
		Gray / Bronz		3,500 IND	55	19	\$10.50	\$3.27
				6,000 LED	95	33	\$17.05	\$5.13
				8,700 LED	142	49	\$19.17	\$6.53
				9,600 LED	157	54	\$20.40	\$7.04
				11,600 B-LED	181	62	\$19.03	\$7.44
		Gray / Bronz		3,300 LED	43	15	\$9.00	\$2.79
		Gray / Bronz		5,300 LED	67	23	\$10.45	\$3.54
		Gray / Bronz		8,300 LED	106	37	\$13.55	\$4.94
		Gray / Bronz		10,500 LED	130	45	\$15.08	\$5.69
		Gray / Bronz		20,000 LED	258	89	\$26.21	\$10.27
D. Decorative Transit				5,300 LED	75	26	\$28.44	\$6.12
				8,300 LED	100	34	\$30.45	\$6.97
				8,147 LED	75	26	\$35.76	\$11.36
				9,522 LED	100	35	\$36.14	\$12.09
				10,500 LED	150	52	\$32.69	\$8.52
				14,896 LED	150	52	\$39.98	\$14.29
		Double		8,147 LED	75	26	\$64.74	\$18.96
		Double		9,522 LED	100	35	\$64.67	\$19.58
		Double		14,896 LED	100	52	\$70.67	\$22.32
		Copper		6,000 IND	85	29	\$18.87	\$5.09
		Gray / Black		8,000 IND	88	30	\$14.86	\$4.62
		Gray / Black		4,350 LED	86	30	\$13.48	\$4.44
E. Flood				14,470 LED	148	51	\$23.93	\$9.95
				16,000 LED	125	43	\$23.17	\$9.19
F. Pendant				8,678 LED	75	26	\$26.36	\$8.85
				13,964 LED	100	35	\$27.84	\$9.88
G. Post Top				4,350 LED	86	30	\$13.43	\$5.69
				6,400 LED	30	30	\$13.43	\$5.69
				6,600 LED	83	29	\$13.33	\$5.59
H. Roadway				3,300 LED	43	15	\$9.46	\$3.58
				3,800 LED	32	12	\$7.24	\$2.79
				3,900 LED	32	12	\$9.18	\$3.30
				4,100 LED	45	16	\$9.56	\$3.68
				4,800 LED	41	15	\$7.76	\$3.13
				5,000 LED	41	15	\$9.12	\$3.49
				5,100 LED	60	21	\$9.69	\$4.06
				5,300 LED	67	24	\$9.98	\$4.35
				8,200 LED	88	31	\$9.72	\$4.77



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

	8,200 LED	95	33	\$11.36	\$5.34
	8,300 LED	106	37	\$11.74	\$5.72
	8,500 LED	88	31	\$11.18	\$5.16
	9,900 LED	130	45	\$13.31	\$6.70
	10,000 LED	113	39	\$12.75	\$6.14
	11,100 LED	108	38	\$12.03	\$5.88
	11,500 LED	108	38	\$12.65	\$6.04
	18,300 LED	162	56	\$15.23	\$7.98
	19,200 LED	257	89	\$19.11	\$11.32
	20,000 LED	258	89	\$19.11	\$11.32
	20,300 LED	193	67	\$16.27	\$9.02
	21,000 LED	193	67	\$17.01	\$9.22

FROZEN	4,000 INC	295	103	\$10.54	\$5.89
	7,000 MV	175	73	\$13.65	\$7.83
	11,000 MV	250	96	\$17.09	\$10.43
	20,000 MV	400	150	\$26.84	\$15.21
FROZEN ACORN	9,500 HPS	100	41	\$29.14	\$9.93
	16,000 HPS	150	69	\$32.35	\$12.55
FROZEN ARCHITECTURAL	9,500 HPS	100	41	\$16.56	\$7.90
	16,000 HPS	150	69	\$19.77	\$19.34
	30,000 HPS	250	99	\$22.95	\$13.57
	50,000 HPS	400	153	\$28.32	\$19.53
	14,000 MH	175	72	\$23.17	\$12.70
	21,000 MH	250	101	\$26.31	\$15.66
	36,000 MH	400	159	\$32.89	\$21.54
	8,000 LPS	55	30	\$24.08	\$10.58
	13,500 LPS	90	50	\$28.39	\$12.76
	22,500 LPS	135	72	\$32.43	\$15.56
FROZEN COBRA ROADWAY	33,000 LPS	180	90	\$39.01	\$18.33
	5,800 HPS	70	29	\$9.40	\$5.56
	9,500 HPS	100	41	\$11.07	\$6.81
	16,000 HPS	150	69	\$13.86	\$9.50
FROZEN COBRA ROADWAY	30,000 HPS	250	99	\$16.72	\$12.35
	50,000 HPS	400	153	\$22.69	\$17.63
	14,000 MH	175	72	\$16.12	\$10.99
	21,000 MH	250	101	\$18.84	\$13.67
	36,000 MH	400	159	\$24.81	\$18.99
FROZEN DECORATIVE TRANSIT	8,000 FL	100	38	\$18.53	\$5.43
	9,500 HPS	100	41	\$39.95	\$11.96
	16,000 HPS	150	69	\$39.72	\$13.36
FROZEN FLOOD	30,000 HPS	250	99	\$45.74	\$17.26
	30,000 HPS	250	99	\$22.20	\$13.79
	50,000 HPS	400	153	\$27.53	\$19.14
	21,000 MH	250	101	\$23.69	\$14.58
FROZEN Colonial Gray	36,000 MH	400	159	\$28.89	\$19.76
	8,000 FL	100	38	\$19.97	\$5.64



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

POST TOP	Colonial Gray	9,500 HPS	100	41	\$11.42	\$7.16
	Colonial Black	9,500 HPS	100	41	\$13.15	\$7.41
	Decorative	9,500 HPS	100	41	\$34.97	\$11.03

NOTES:

1. Investment by Company. These rates are applicable where the Company provides the initial investment to purchase and install all facilities necessary for street lighting service. The Company will own, operate, and maintain the street lighting system.
2. Investment by Others. These rates are applicable in those instances where the requesting entity or individual purchases and installs the street lighting facilities at their own expense and in accordance with Company specifications. These rates will also apply in the instance where the Customer provides a non-refundable advance to the Company to cover the Company's cost of purchasing and installing the street lighting system. The Company retains ownership of the street lighting system and provides operation and maintenance for all facilities.
3. Listed kWhs reflect the assigned monthly energy usage for each type of fixture and are used to determine any applicable transmission, system benefit, distribution, energy, and adjustment charges.
4. HPS = High Pressure Sodium
5. MH = Metal Halide
6. LPS = Low Pressure Sodium
7. FL = Fluorescent
8. INC = Incandescent. Incandescent lighting charges are applicable and available only to those Customers being served and those installations in service on November 1, 1986.
9. MV = Mercury Vapor. Mercury Vapor lighting charges are applicable and available only to those Customers being served and those installation in service on November 1, 1986 in accordance with A.R.S. §49-1104(A).
10. LED = Light Emitting Diode
11. IND = Induction



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

II. POLES

				CHARGES		
				Investment by Company	Investment by Others	
A. Anchor Base Mounted (Flush)	Round Steel	1 Simplex Adapter	Height			
			12 ft.	\$13.11	\$1.81	
			22 ft.	\$14.75	\$2.03	
			25 ft.	\$15.97	\$2.21	
			30 ft.	\$18.34	\$2.52	
		32 ft.	\$19.27	\$2.55		
		2 Simplex Adapters	12 ft.	\$13.98	\$1.93	
			22 ft.	\$16.06	\$2.22	
			25 ft.	\$16.75	\$2.31	
			30 ft.	\$19.47	\$2.68	
	32 ft.		\$20.77	\$2.87		
	Square Steel	5"	13 ft.	\$15.03	\$2.06	
			15 ft.	\$13.43	\$1.85	
			23 ft.	\$15.93	\$2.19	
			25 ft.	\$17.51	\$2.41	
			28 ft.	\$19.44	\$2.67	
			32 ft.	\$19.33	\$2.66	
	Concrete		12 ft.	\$44.79	\$6.17	
	Fiberglass		12 ft.	\$37.93	\$5.22	
	Decorative Transit		4"	16 ft.	\$36.98	\$5.10
	Decorative Transit		6"	30 ft.	\$71.39	\$9.83
	Hinged Poles		Square	15 ft.	\$14.21	\$1.16
Round			19 ft.	\$12.85	\$1.05	
B. Anchor Base Mounted (Pedestal)	Round Steel	1 Simplex Adapter	12 ft.	\$12.61	\$1.73	
			22 ft.	\$14.26	\$1.96	
			25 ft.	\$15.46	\$2.13	
			30 ft.	\$17.85	\$2.47	
			32 ft.	\$18.75	\$2.58	
		2 Simplex Adapters	12 ft.	\$13.47	\$1.85	
			22 ft.	\$15.05	\$2.06	
			25 ft.	\$16.24	\$2.23	
			30 ft.	\$18.97	\$2.60	
			32 ft.	\$20.26	\$2.79	
		3 Bolt	32 ft.	\$23.28	\$3.20	
		Square Steel	5"	13 ft.	\$14.54	\$2.01
				15 ft.	\$14.86	\$2.03
				23 ft.	\$15.43	\$2.13
	25 ft.			\$17.02	\$2.36	
	28 ft.			\$18.91	\$2.60	
	32 ft.			\$19.63	\$2.69	



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

II POLES (cont)

			CHARGES			
			Investment by Company	Investment by Others		
			Height			
C. Direct Bury	Round Steel		19 ft.	\$19.84	\$2.74	
			30 ft.	\$15.49	\$2.87	
			38 ft.	\$18.90	\$2.94	
		Self	40 ft.	\$23.28	\$3.69	
		Stepped	25 ft.	\$53.55	\$4.37	
			32 ft.	\$56.40	\$4.60	
			49 ft.	\$70.00	\$9.65	
		Square Steel	4"	34 ft.	\$17.09	\$2.96
			5"	20 ft.	\$16.23	\$2.68
	30 ft.			\$16.92	\$2.79	
	38 ft.			\$18.36	\$3.19	
	8"		28 ft.	\$30.64	\$2.49	
			32 ft.	\$32.03	\$2.62	
	Decorative Transit		41 ft 6	\$22.05	\$3.24	
	Decorative Transit	47 ft.	\$27.47	\$4.04		
	Steel Distribution Pole (for lighting only)	35 ft.	\$25.36	\$3.34		
D. Post Top	Decorative Transit Anchor Base	16 ft.	\$37.77	\$5.19		
	Gray Steel/Fiberglass	23 ft.	\$13.10	\$2.15		
	Black Steel	23 ft.	\$14.44	\$2.38		
E. Existing distribution pole suitable for streetlight use			\$1.59	--		
F. FROZEN	Wood Poles	30 ft.	\$9.64	\$1.67		
		35 ft.	\$9.64	\$1.59		

NOTE: The monthly rate for all new poles includes up to 300 feet of overhead secondary wire, or up to 300 feet of underground secondary wire if the Customer provides earthwork and conduit (excluding the underground to overhead transition).

III. ANCHOR BASE

			CHARGES	
			Investment by Company	Investment by Others
A. Flush		Height		
		4 ft.	\$10.67	\$1.47
		6 ft.	\$12.73	\$2.21
B. Pedestal		8 ft.	\$14.59	\$2.54
	For 32' Round Steel Pole only	4 ft. 6"	\$10.12	\$1.75



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

IV. CHARGES FOR OPTIONAL OR ADDITIONAL EQUIPMENT

		CHARGE
		Company Owned
Underground Circuit Charges:		
a.	Per foot of cable, installed under paving	\$0.17000
b.	Per foot of cable, not installed under paving	\$0.06000

V. DETERMINATION OF CHARGES FOR NEW EQUIPMENT

Monthly charges for new lighting fixtures, poles and other equipment not included in Sections I, II, or III above will be determined by the Company using the following method:

Step 1 Determination of Charges for each Charge Type							Monthly Fixed Charge Rate
Charge Type	Monthly Charge		Cost Inputs Equipment Cost		PV Factor		
1	Carrying Cost (fixtures)	=	(installed)	x	NA	x	1.518%
			Equipment Cost				
2	Carrying Cost (poles)	=	(installed)	x	NA	x	1.296%
			Equipment Cost				
3	Fixture Replacement Cost	=	Equipment Cost (installed)	x	0.257	x	1.518%
4	Pole, Anchor Replacement Cost	=	Equipment Cost (installed)	x	0.110	x	1.296%
5	Lighting O&M	=	O&M Cost (lifecycle)	x	0.427	x	1.518%
Charge Type	Monthly Charge		kWh Input		\$/kWh		
6	Generation	=	kWh per month	x	0.06760		
7	T&D, RCS, SB	=	kWh per month	x	0.02738		



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

Step 2 Determination of Total Monthly Charge
The total monthly charge will be the summation of the charges for each applicable charge type

<u>Equipment</u>	<u>Charge Type</u>
Fixture - IBC	1,5,6,7
Fixture - IBO	3,5,6,7
Pole, Anchor Base - IBC	2
Pole, Anchor Base - IBO	4

TRIP CHARGE

A \$100.00 trip charge per light will be charged when a Customer requests a disconnect or reconnect of service in order to accommodate the maintenance activities of the Customer or its designee(s) on their street lighting equipment.

ADJUSTMENTS

The bill will include the following adjustments:

1. The Renewable Energy Standard charge, Adjustment Schedule REAC-1.
2. The Power Supply Adjustment charges, Adjustment Schedule PSA-1.
3. The Transmission Cost Adjustment charge, Adjustment Schedule TCA-1.
4. The Environmental Improvement Surcharge, Adjustment Schedule EIS.
5. The Demand Side Management Adjustment charge, Adjustment Schedule DSMAC-1.
6. The Lost Fixed Cost Recovery Adjustment charge, Adjustment Schedule LFCR.
7. Direct Access Customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge, Adjustment Schedule RCDAC-1.
8. Any applicable taxes and governmental fees that are assessed on APS's revenues, prices, sales volume, or generation volume.

SERVICE DETAILS

1. Street lighting facilities installed under this rate schedule are of the type currently being furnished by Company as standard at the time service is initially requested. Standard facilities are those listed in the Company's Transmission and Distribution Construction Standards book.

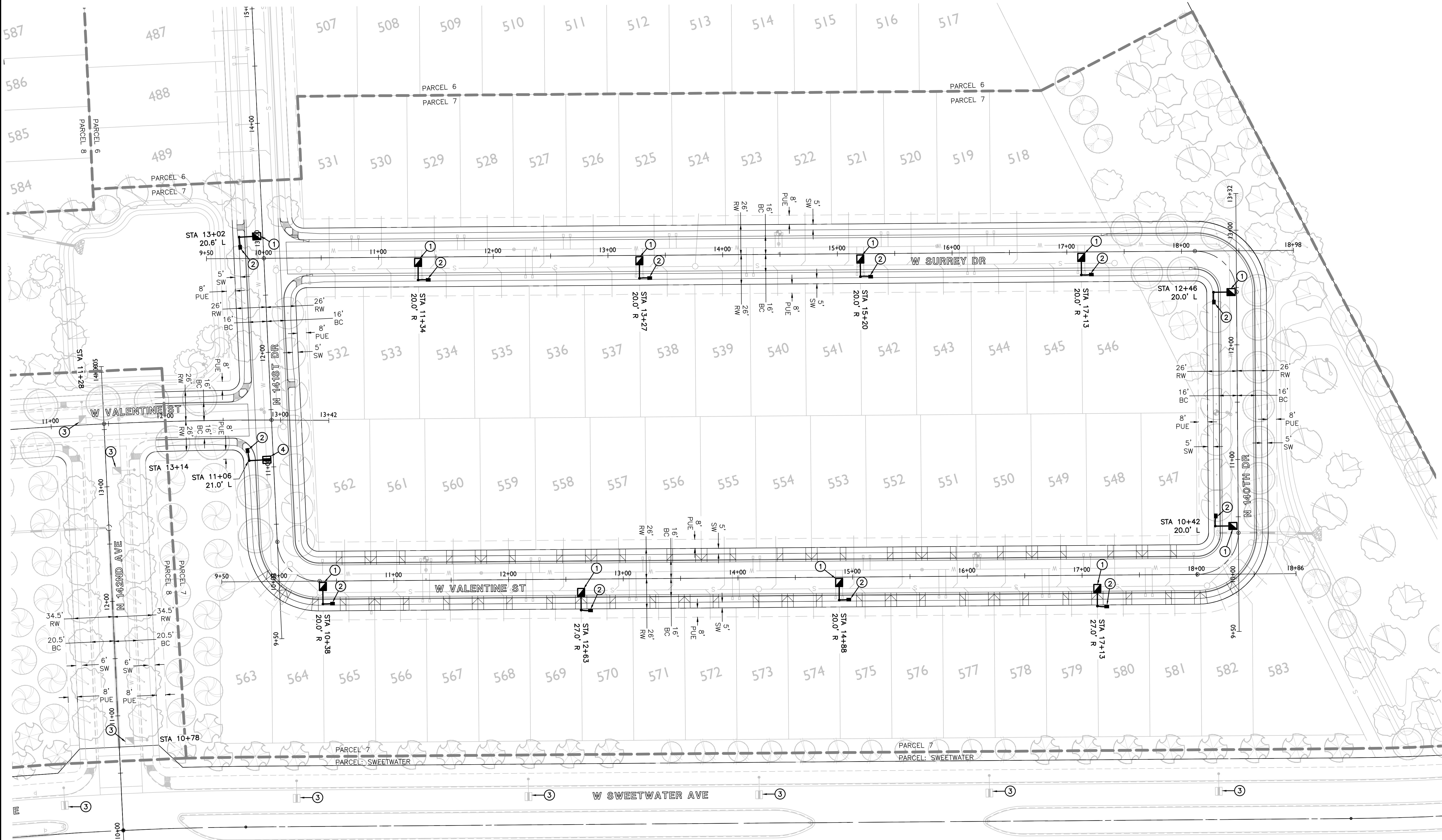


**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

2. The Customer will be responsible for notifying the Company when the streetlighting facilities are not operating as intended. The Company will use reasonable efforts to complete normal maintenance (replacement of lamps, photocontrols or fixtures) within ten (10) working days from notification by Customer. If the maintenance requires cable replacement or repairs, the Company will use reasonable efforts to complete said repairs within twenty (20) working days.
3. The Customer's bill will not be reduced due to lamp, photocontrol or cable repair or replacement outages.
4. Lighting equipment which is not specified in this rate schedule will be billed at the rates corresponding to the most similar equipment, as determined by the Company.
5. Non-standard facilities (non-standard being defined as any facility not listed in the Company's Transmission and Distribution Construction Standards book) do not qualify for this rate schedule. At the Company's discretion, such facilities may be served under another of the Company's rate schedules.
6. The Company will extend its standard street lighting system up to a distance of 300 feet for each additional lighting installation without cost at the request of the Customer. When the extension is underground the customer will provide earthwork as specified in the Company's Service Schedule 3, Conditions Governing Extensions of Electric Distribution Lines and Services; or, at the applicant's request, the Company will provide such earthwork and the applicant will be required to pay a non-refundable contribution in aid of construction equal to the cost of such earthwork. Any additional extension required (over and above the first 300 feet) will be provided by Company for a contribution in aid of construction equal to the cost of the additional extension.
 - a. Extensions to isolated areas requiring a substantial extension of the electric distribution system, as opposed to an extension of the street lighting system, will require a special study to determine the terms and conditions under which the Company will undertake such an extension.
7. APS provides electric service under the Company's Service Schedules. These schedules provide details about how the Company serves its Customers, and they have provisions and charges that may affect the Customer's bill. In addition, service may be subject to special terms and conditions as provided for in a Customer contract or service agreement.

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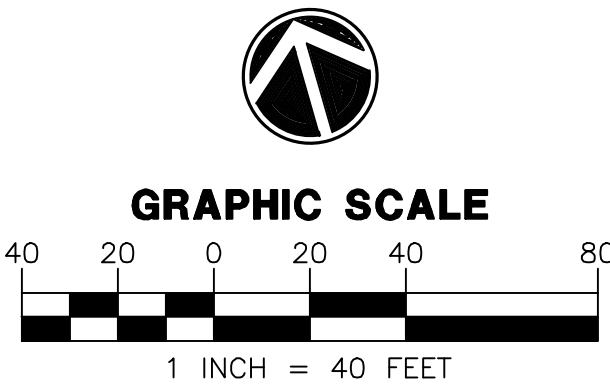
CONSTRUCTION NOTES

- (1) 41W LED (4,800 LUMEN) FIXTURE (LIGHT CODE RL41) WITH PHOTOELECTRIC CONTROL ON A 38'-0" DIRECT BURIED POLE (1940.36) WITH A 2" MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL3). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.
- INSTALL APS PULL BOX NEXT TO POLE. INSTALL 1" CONDUIT WITH (2) #14 TYPE THHN/THWN AND (1) #14 BARE BOND FROM PULL BOX TO FUSE HOLDER IN STREET LIGHT PER APS DETAILS AND SPECIFICATIONS.
- STREET LIGHT TO BE INSTALLED PER SEPARATE PLAN SET. SHOWN FOR REFERENCE ONLY.
- (1) 88W LED (8,200 LUMEN) FIXTURE (LIGHT CODE RL42) WITH PHOTOELECTRIC CONTROL ON A 38'-0" DIRECT BURIED POLE (1940.36) WITH A 2" MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL3). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.

ROADWAY SCALEABLE LED 3000K						
LIGHT CODE	COLOR	APN	WATTS	VOLTS	INITIAL LUMENS	PHOTOMETRIC CURVE
RL40		00141047	32	120/208/240/277	3,800	ERL1_04B130_120-277VIES
RL41		00141048	41	120/208/240/277	4,800	ERL1_05E130_120-277VIES
RL42	DKBZ	00141049	88	120/208/240/277	8,200	ERL1_08E130_120-277VIES
RL43		00141050	108	120/208/240/277	11,000	ERS1_11E130_120-277VIES
RL44		00141051	162	120/208/240/277	19,000	ERS2_19E130_120-277VIES

LEGEND

- 41W LED SHOEBOX STREET LIGHT
- 88W LED SHOEBOX STREET LIGHT
- STREET LIGHT PER SEPARATE PLAN
- EXISTING SHOEBOX STREET LIGHT
- PULL BOX
- NEW CONDUIT RUN
- FIRE HYDRANT



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PROJECT NO:
18053-04
DESIGN BY: JKS
DRAWN BY: JKS
CHECKED BY: AMB

WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:
SURPRISE, ARIZONA
HOMESTEAD AT MARLEY PARK
PHASE 4 & 5 - PARCEL 7
STREET LIGHT PLAN

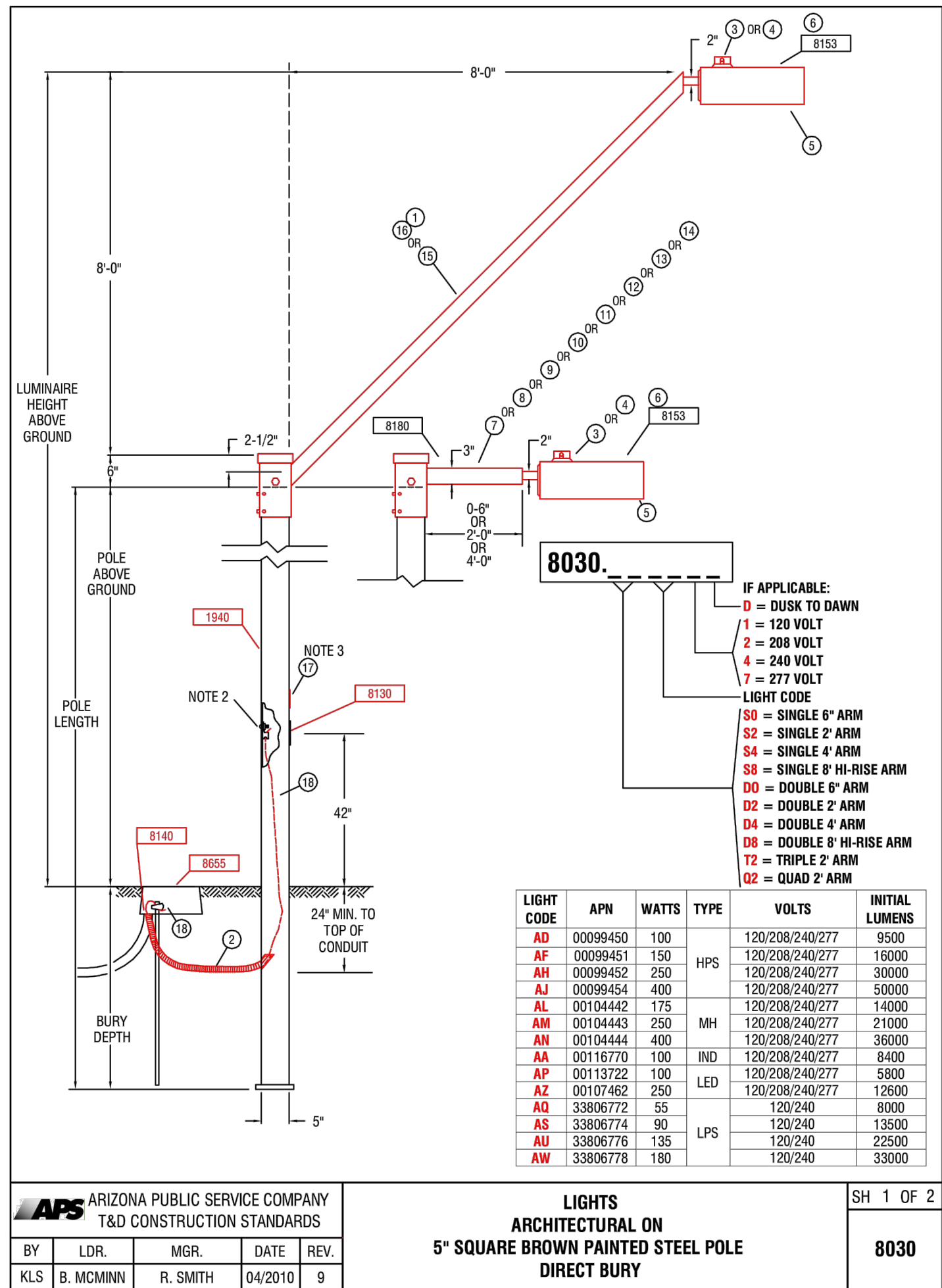
NO.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
1	APR 2018	1ST SUBMITTAL
2	JUN 2018	2ND SUBMITTAL

Professional Engineer
46691
ADAM M.
BOWERS
Exp. 9-30-19

DRAWING NO:
SL2
OF 3

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NOTES:

- ADJUST PHOTO EYE TO FACE NORTH.
- A GROUND ROD IS PROVIDED WITH THE J-BOX. WHERE A GROUND ROD CAN NOT BE DRIVEN ALTERNATE GROUND SHALL BE USED. SEE 2449 THRU 2460 FOR APPROVED ALTERNATES.
- SIGN: "NOTICE THIS POLE IS OWNED AND MAINTAINED BY APS. DISCONNECT INSIDE". IS REQUIRED ON ALL DUSK-TO-DAWN AND AREA LIGHTING APPLICATIONS.
- POLES THAT HAVE MORE THAN ONE LUMINAIRE REQUIRE A SEPARATE CIRCUIT WITH FUSING FROM THE J-BOX TO EACH LUMINAIRE.
- USING THE 20'-0" POLE TO MATCH THE 16'-0" PEDESTRIAN LIGHT MOUNTING HEIGHT REDUCE POLE BURY DEPTH TO 4'-0".
- THE BROWN PHOTO CONTROL IS A FAIL OFF CONTROL AND SHALL BE USED WITH ALL INDUCTION AND LED LUMINAIRES.
- ON 277 VOLT STREET LIGHT CIRCUITS, INSTALL A "277 VOLT" MICARTA TAG ON CABLE IN J-BOX. TAG PROVIDED BY SPEC 8129.
- THE LUMINAIRE SHOWN IS RECOMMENDED FOR THIS MOUNTING HEIGHT. SEE 8153 FOR ADDITIONAL BROWN ARCHITECTURAL LUMINAIRES.
- THE TWO ARMED TENON BRACKET POSITIONS THE DOUBLE ARM 180 DEGREES APART.
- TO ACCOMMODATE LESS THAN THE SPECIFIED LUMINAIRE MOUNTING HEIGHT, A SHOP ORDER IS REQUIRED TO HAVE A PORTION FROM THE TOP OF THE POLE CUT OFF. THE TENON ARM BRACKET SLIDES OVER AND COVERS THE CUT PORTION OF THE POLE.
- IN-LINE FUSE FOR UNDERGROUND FEEDS. SEE 8130-8131.
- FOR PEDESTRIAN ONLY APPLICATIONS SEE 8030.

Pole Code Table:

POLE CODE	POLE LENGTH	BURY DEPTH	POLE ABOVE GROUND	LUMINAIRE HEIGHT ABOVE GROUND
1940.20	20'-0"	5'-0"	15'-0"	15'-0"
1940.30	30'-0"	5'-0"	25'-0"	25'-0"
1940.34	34'-0"	6'-0"	28'-0"	28'-0"
1940.38	38'-0"	6'-0"	31'-6"	31'-6"

* SEE NOTE 5

MATERIAL LIST

ITEM	QTY	DESCRIPTION	APN
1	1	BRACKET ARCH SLIP BOLTED	00082251
2	10	CONDUIT 1" PVC FLEX CORR	33000891
3	1	CONTROL PHOTO MULTI BLACK	00063965
4	VAR	CONTROL PHOTO MULTI BR-20	00073241
5	1	LAMP - SEE 8164 - 8171	
6	1	LUMINAIRE - SEE CHART	
7	1	MAST ARM STL 3" SQ X 6" SGL	88370
8	1	MAST ARM STL 3" SQ X 6" DBL	00121154
9	1	MAST ARM STL 3" SQ X 2" SGL	33701116
10	1	MAST ARM STL 3" SQ X 2" DBL	33701117
11	1	MAST ARM STL 3" SQ X 2" TPL	52664
12	1	MAST ARM STL 3" SQ X 2" QUAD	00052665
13	1	MAST ARM STL 3" SQ X 6" SGL	00061738
14	1	MAST ARM STL 3" SQ X 4" DBL	00073267
15	1	MAST ARM STL 3" SQ X 6" SGL	33701120
16	1	MAST ARM STL 6" MULTICOR	00022922
17	1	SIGN POLE OWNED BY APS	00050092
18	10	WIRE BARE #6 SOLID CU	33007580

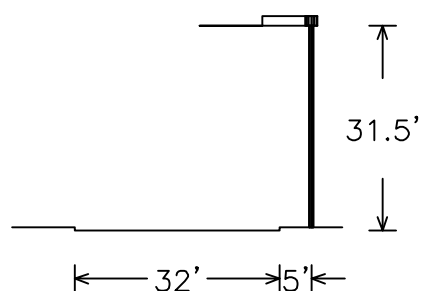
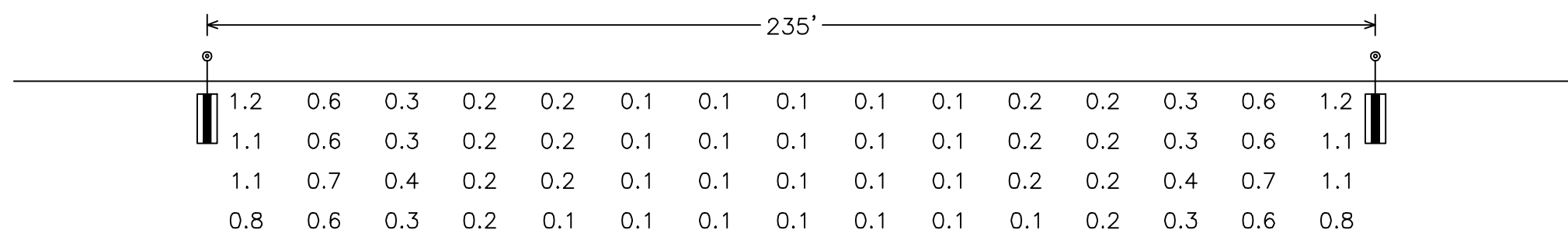
APC ARIZONA PUBLIC SERVICE COMPANY
T&D CONSTRUCTION STANDARDS

BY: LDR. MGR. DATE REV.
KLS. B. MCMINN R. SMITH 04/2010 9

LIGHTS
ARCHITECTURAL ON
5" SQUARE BROWN PAINTED STEEL POLE
DIRECT BURY

SH 2 OF 2
8030

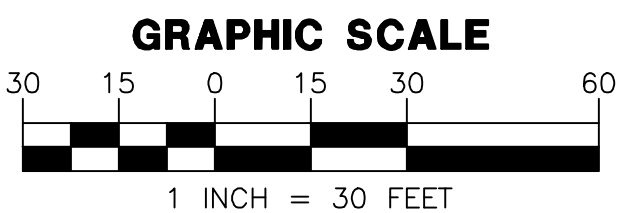
WORST CASE PHOTOMETRICS FOR MAXIMUM SPACING



LEGEND

41W LED SHOEBOX
candela file 'erl1_05e130-120-277v_tcm201-103950.ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 41
mounting height = 31.5 ft
number locations = 4, number luminaires = 4
kw all locations = 0.2

Roadway Grid
60 points at z=0, sp 15.667ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.4
Maximum 1.2
Minimum 0.1
Avg:Min 3.50
Max:Min 12.00
Coef Var 0.94
UnifGrad 2.00

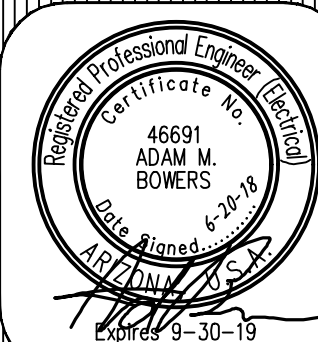


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SURPRISE, ARIZONA
HOMESTEAD AT MARLEY PARK
PHASE 4 & 5 - PARCEL 7
STREET LIGHT DETAILS & PHOTOMETRICS

NO.	DATE	SUBMITTALS/REVISIONS	DESCRIPTIONS
1	APR 2018	1ST SUBMITTAL	
2	JUN 2018	2ND SUBMITTAL	



DRAWING NO:
SL3
OF 3

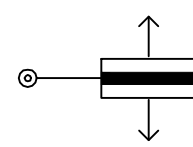
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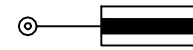


INT- W VALENTINE & N 141ST DR
12 points
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.3
Minimum 0.5
Avg:Min 1.60
Max:Min 2.60
Coef Var 0.37

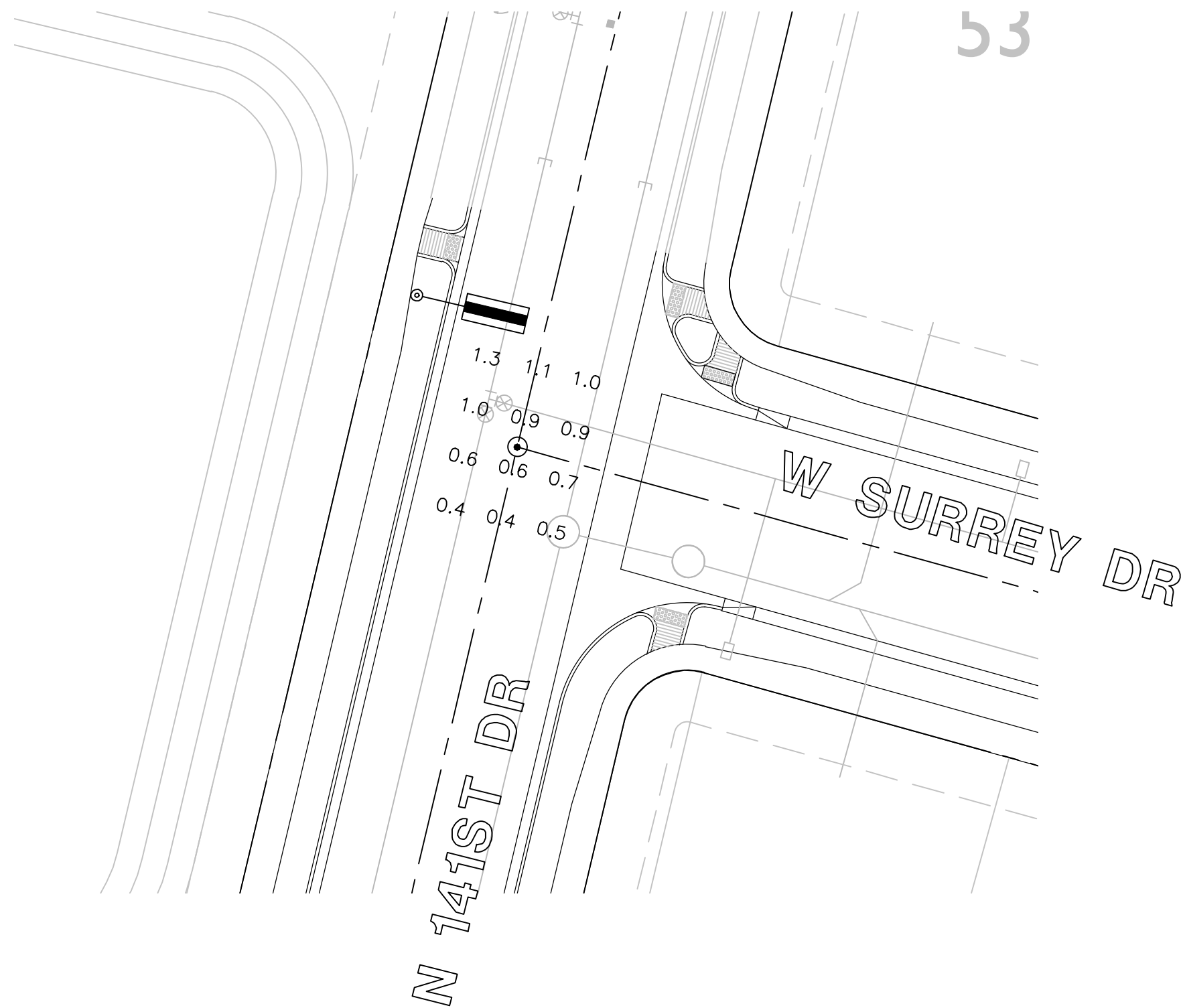
LEGEND



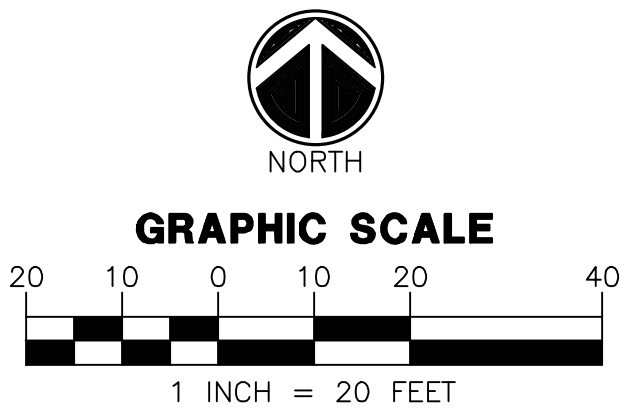
88W LED
2' MAST ARM
candela file 'eri1_08e130_tcm201-103998.ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 88
mounting height= 31.5 ft
number locations= 1, number luminaires= 1
kw all locations= 0.1



41W LED SHOEBOX
candela file 'eri1_05e130-120-277v_tcm201-103950.ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 41
mounting height= 31.5 ft
number locations= 1, number luminaires= 1
kw all locations= 0.0



INT- N 141ST SR & W SURREY DR
12 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.3
Minimum 0.4
Avg:Min 1.96
Max:Min 3.25
Coef Var 0.36
UnifGrad 1.67



WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807

**PHOTOMETRIC CALCULATION
SHEET. FOR INFORMATION ONLY.**

PROJECT NAME:
HOMESTEAD AT MARLEY
PARK PHASE 4 & 5
PARCEL 7

WRIGHT ENG.
PROJECT NO: **18053**

DESIGN BY: NBG **PH-1**

HOMESTEAD AT MARLEY PARK PHASE 4 & 5

PARCEL 8

STREET LIGHT DESIGN

STREET LIGHTING REQUIREMENTS

5.00 GENERAL NOTES:

THE FOLLOWING INFORMATION IS PROVIDED TO EMPHASIZE CRITICAL WORK AND IS INTENDED TO SUPPLEMENT THE SPECIFICATIONS. SHOULD THERE BE A CONFLICT WITH THE SPECIFICATIONS, THIS DOCUMENT SHALL TAKE PRECEDENCE.

ALTERNATES SHALL BE PRE-APPROVED BY THE CITY ENGINEERING MANAGER. APPROVAL OF ALTERNATE PRODUCTS SHALL BE ON AN EQUAL BASIS WITH THE PRODUCT SPECIFIED AND SHALL BE SUBMITTED A MINIMUM OF TEN (10) DAYS PRIOR TO BID OPENING. STRUCTURAL CALCULATIONS SHALL BE FURNISHED FOR ALTERNATE PRODUCTS AND CERTIFIED BY A STRUCTURAL ENGINEER, REGISTERED IN THE STATE OF ARIZONA. LUMINAIRES AND LAMPS SHALL MEET OR EXCEED THE PHOTOMETRIC, ELECTRICAL, AND MECHANICAL REQUIREMENTS FOR THE SPECIFIED PRODUCTS.

THE CONTRACTOR SHALL COMPLY WITH STATE AND CITY STATUTES, AND MANUFACTURER'S RECOMMENDATIONS.

THE SUBMITTAL PACKAGE SHALL CONSIST OF THREE (3) COPIES OF EQUIPMENT/MATERIAL TO BE INSTALLED AND SHALL BE BOUND/STAPLED IN A FOLDER AND SUBMITTED AT THE TIME OF PERMIT APPLICATION.

PRIOR TO SUBMITTING A PROPOSAL, THE BIDDER SHALL EXAMINE ALL GENERAL CONSTRUCTION DRAWINGS AND VISIT THE CONSTRUCTION SITE TO BECOME FAMILIAR WITH EXISTING CONDITIONS UNDER WHICH HE WILL OPERATE AND WHICH WILL IN ANY WAY AFFECT THE WORK UNDER THE CONTRACT. NO SUBSEQUENT ALLOWANCE WILL BE MADE IN THIS CONNECTION IN THE BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLIGENCE ON HIS PART.

PRIOR TO ORDERING ANY MATERIALS OR DOING ANY WORK, THE CONTRACTOR SHOULD VERIFY DIMENSIONS AT THE SITE. IMMEDIATELY REPORT DIFFERENCES TO THE ENGINEERING MGR. AND SHOULD NOT PROCEED WITH WORK UNTIL THE ENGINEERING MGR. RENDERS A DECISION. NO EXTRA CHARGES OR COMPENSATION WILL BE ALLOWED FOR DIFFERENCES IN ACTUAL DIMENSIONS AND DIMENSIONS INDICATED ON THE DRAWINGS.

5.01 GENERAL:

THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH ALL LICENSING REQUIREMENTS SET FORTH BY THE STATE REGISTRAR OF CONTRACTORS OFFICE TO PERFORM WORK RELATING TO STREET LIGHT INSTALLATION IN THE CITY RIGHT-OF-WAY.

ONE PROJECT UNDERGROUND UTILITIES (RIGHT OF WAY) PERMIT AND ONE STREETLIGHT PERMIT FOR EACH STREET LIGHT POLE SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

5.02 WORKING / "AS BUILT" PLANS:

ACCEPTANCE OF THE COMPLETED IMPROVEMENTS WILL NOT BE GIVEN UNTIL 4 MIL PHOTO MYLAR REPRODUCIBLE "AS BUILT" PLANS HAVE BEEN SUBMITTED TO AND APPROVED BY THE CITY ENGINEER.

5.03 LIGHT POLES:

LIGHT POLES SHALL BE INSTALLED PLUMB, BE ADJUSTED TO PROVIDE PROPER ALIGNMENT TO THE ROADWAY WHEN LIGHTED AND BE PROPERLY GROUNDED WHEN THE INSTALLATION IS COMPLETE.

5.04 EMBEDMENT:

DIRECT BURIED POLES SHALL BE SET IN A TWELVE (12) INCH AUGURED HOLE DEPTH AS SPECIFIED IN UNDISTURBED EARTH. POLE SHALL BE SET PLUMB IN TWO DIRECTIONS 90 DEGREES APART. HAND TAMPING OF ABC BACKFILL WITH PNEUMATIC OR VIBRATING EQUIPMENT IS THE ACCEPTABLE METHOD OF COMPACTION. BACKFILL SHALL BE COMPACTED TO 85% OF MAXIMUM DENSITY AS DEFINED BY ASTM D-2922 AND D-3017. A GROUND ROD SHALL BE INSTALLED ADJACENT TO PULL BOX IN UNDISTURBED SOIL AND A LEAD IN COPPER BOND WIRE (#6) SHALL BE INSTALLED IN 1" CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT (OR EQUAL) FOR POLE GROUNDING.

SURPLUS EXCAVATION SHALL BE DISPOSED OF BY THE CONTRACTOR.

5.05 LUMINAIRES:

LUMINAIRES SHALL BE INSTALLED LEVEL AND INCLUDE A LAMP AND PHOTOCCELL. CONTRACTOR SHALL ASSURE THAT THE LUMINAIRES SHALL BE FREE OF DUST, DIRT OR ANYTHING THAT WOULD IMPAIR THE OUTPUT OF THE LIGHT BEFORE HE LEAVES THE SITE.

LUMINAIRES FURNISHED WITH MULTI-TAP BALLASTS SHALL BE REWIRED OR RECONNECTED TO MATCH THE VOLTAGE SUPPLIED BY THE ELECTRIC UTILITY COMPANY.

5.06 WIRING:

WIRING SHALL BE INSTALLED PER UTILITY STANDARDS.

5.07 GROUNDING:

EACH POLE SHALL HAVE A 8' x 5/8" COPPER CLAD GROUND ROD DRIVEN ADJACENT TO PULL BOX. A #6 BARE COPPER LEAD FROM THE GROUND ROD IN PULL BOX TO LANDING LUG IN STREET LIGHT POLE HAND HOLE.

5.08 PULL BOXES:

EXCAVATION FOR PULL BOXES AND MATERIAL SPECIFICATION SHALL BE PER THE ELECTRIC UTILITY COMPANY STANDARDS.

5.09 TRENCH

TRENCH SHALL BE INSTALLED PER THE UTILITY COMPANY STANDARDS.

THE USE OF A COMMON ELECTRIC UTILITY COMPANY TRENCH IS PERMITTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE UTILITY COMPANY FOR COORDINATION OF TRENCHING AND THE INSTALLATION OF CONDUIT.

CONDUIT SHALL BE INSTALLED AT THE DEPTH SPECIFIED ON THE PLANS. CONDUIT SHALL BE 1 INCH CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT OR EQUAL. CONDUIT MUST BE UL RATED AND SUITABLE FOR UNDERGROUND USE.

CONNECTIONS SHALL BE PER UTILITY STANDARDS.

5.12 LIGHT POLE IDENTIFICATION:

THE CONTRACTOR SHALL FURNISH AND INSTALL A NUMBER ON EACH LIGHT POLE. STREET LIGHT POLE IDENTIFICATION AND SPECIFICATIONS WILL BE PROVIDED BY THE CITY OF SURPRISE.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO RESTORE ALL PROPERTY, LANDSCAPING, PAVING AND DRIVEWAYS THAT ARE DISTURBED DURING STREET LIGHT CONSTRUCTION TO THEIR ORIGINAL CONDITION IN CONFORMANCE WITH "MAG" SPECIFICATION SECTION 107.9.

THE DEVELOPER SHALL BE RESPONSIBLE FOR FURNISHING ALL PERSONNEL AND EQUIPMENT TO SUCCESSFULLY PERFORM THE FOLLOWING TEST.

PRIOR TO ACCEPTANCE, THE DEVELOPER SHALL ENERGIZE AND OPERATE THE ENTIRE ROADWAY LIGHTING SYSTEM, FROM SUNSET TO SUNRISE FOR TWO CONSECUTIVE DAYS WITHOUT INTERRUPTION OR FAILURE. IF A LAMP OR BALLAST SHOULD FAIL, IT SHALL BE IMMEDIATELY REPLACED.

THE CONTRACTOR SHALL GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE ENGINEERING MANAGER, AGAINST IMPERFECT WORKMANSHIP, FAILURE, MALFUNCTION OF MATERIALS AND/OR EQUIPMENT DUE TO FAULTY OR IMPERFECT WORKMANSHIP. THIS GUARANTEE IS TO BE IN WRITING TO THE CITY AT THE TIME OF ISSUING FINAL ACCEPTANCE. WORK FOUND TO BE DEFECTIVE WITHIN THE WARRANTY PERIOD SHALL BE REPLACED WITHOUT COST TO THE CITY.

GENERAL ENGINEERING NOTES:

- ALL CONSTRUCTION MUST CONFORM TO MARICOPA ASSOCIATION OF GOVERNMENT (MAG) SPECIFICATIONS AND DETAILS AND LATEST REVISIONS UNLESS OTHERWISE STATED ON PLANS.
- THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND THEY WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL OVERHEAD AND UNDERGROUND UTILITY LOCATIONS WHERE CONSTRUCTION OCCURS. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT ALL UTILITIES ARE AVOIDED. UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND NOT FOR CONSTRUCTION PURPOSES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AND OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT ARIZONA UNDERGROUND FACILITIES LAWS (ARIZONA REVISED STATUTES TITLE 40, CHAPTER 2, ARTICLE 6.3, SECTION 40-360.21-32). CALL ARIZONA 811 FOR FIELD LOCATION BY DIAL 811.
- THE CITY OF SURPRISE ENGINEERING SERVICES OF PUBLIC WORKS SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK AT 623-222-6150.
- THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION OR VARIATION FROM THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE PROPOSED AND RESUBMITTED FOR REVIEW AND APPROVAL.
- THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE DRAWING, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE. EXISTING SURFACE FEATURES AND FENCING SHALL BE REPLACED IN KIND.
- ANY INSPECTION BY THE CITY, COUNTY, OR THE ENGINEER, SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE APPLICABLE CODES AND AGENCY REQUIREMENTS.
- THE CONTRACTOR IS TO LOCATE ALL EXISTING LANDSCAPING, LANDSCAPING IRRIGATION LINES, PROPERTY MONUMENTS, FENCING OR SURFACE FEATURES PRIOR TO CONSTRUCTION. ANYTHING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
- NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
- ALL CONSTRUCTION WATER USED WITHIN THE CITY OF SURPRISE WATER SERVICE AREA REQUIRES APPROVAL BY THE CITY OF SURPRISE PUBLIC WORKS DEPARTMENT AND MAY BE SUBJECT TO VOLUME AND TIME RESTRICTIONS. PLEASE SEE THE CITY OF SURPRISE CONSTRUCTION WATER GUIDELINES FOR ADDITIONAL INFORMATION. THE GUIDELINES CAN BE OBTAINED FROM THE PUBLIC WORKS DEPARTMENT AT 623-222-6000.
- TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH MAG SPECIFICATION 401, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND THE "TEMPORARY WORK ZONE TRAFFIC MANAGEMENT POLICY" (LATEST EDITION).
- PRIOR TO FINAL APPROVAL AND ACCEPTANCE OF THE WORK, THE DEVELOPER/CONTRACTOR WILL BE REQUIRED TO CLEAN AND REPAIR ADJACENT (OFF-PROJECT)
- EMERGENCY VEHICLE ACCESS (E.V.A.) MUST BE PROVIDED BY THE DEVELOPER/CONTRACTOR THROUGHOUT THE PROJECT SITE. E.V.A. ROADS AND SIGNAGE SHALL BE MAINTAINED BY THE DEVELOPER/CONTRACTOR AT ALL TIMES. SIGNAGE SHALL BE POSTED AT THE POINT OF ENTRY TO THE SITE AND AT ALL LOCATIONS WHERE A CHANGE IN DIRECTION OCCURS.
- THE PLANS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT'S ACCESSIBILITY GUIDELINES, AS PUBLISHED IN THE FEDERAL REGISTER ON SEPTEMBER 15, 2010.

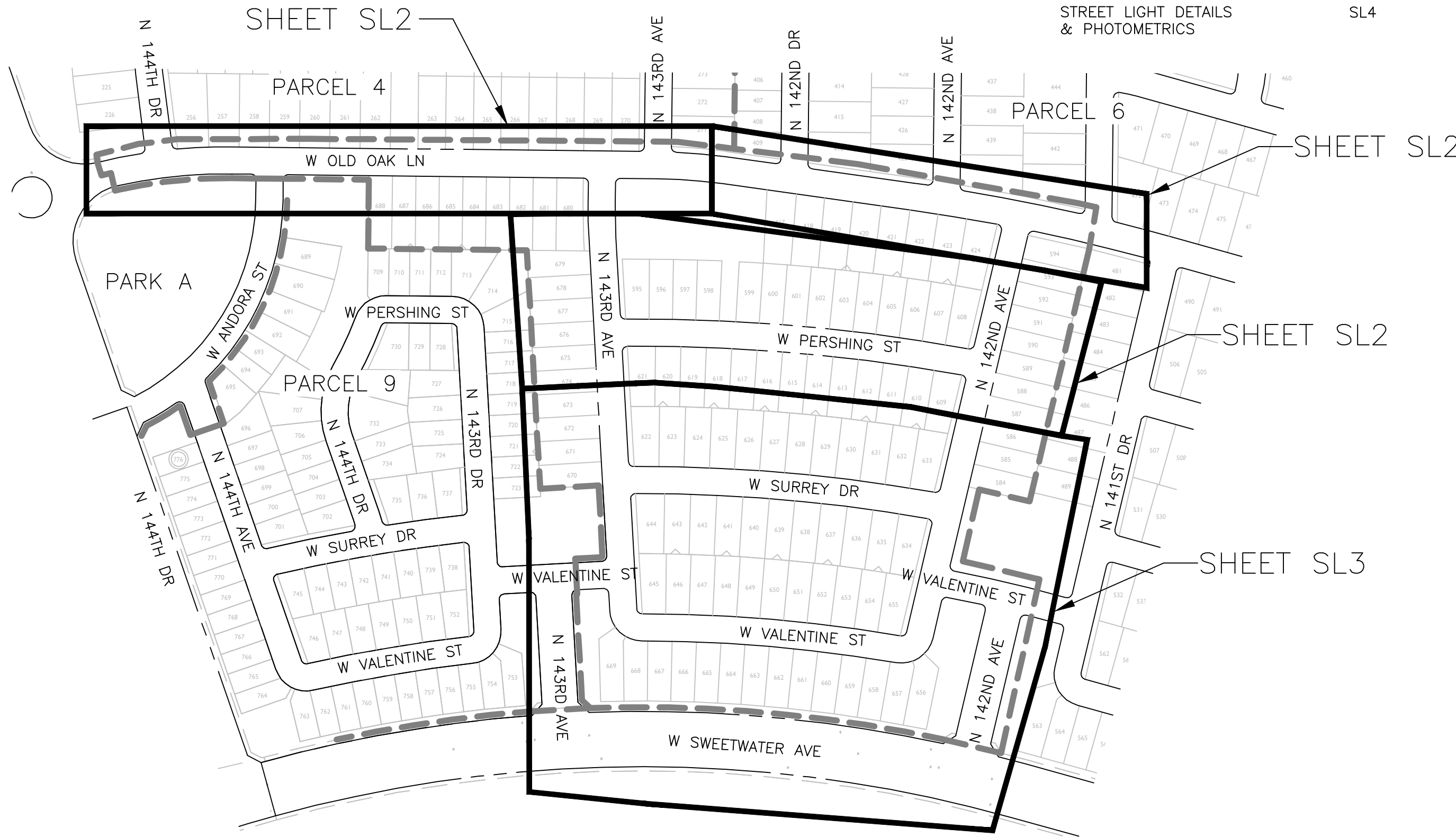
UTILITIES WITHIN OR AFFECTED BY THE PROJECT		
UTILITY CONTACT	DATE SUBMITTED	
ARIZONA PUBLIC SERVICE	4/06/2018	
CENTURY LINK	4/06/2018	
COX COMMUNICATIONS	4/06/2018	
COS WATER	4/06/2018	
SOUTHWEST GAS	4/06/2018	

NOTE

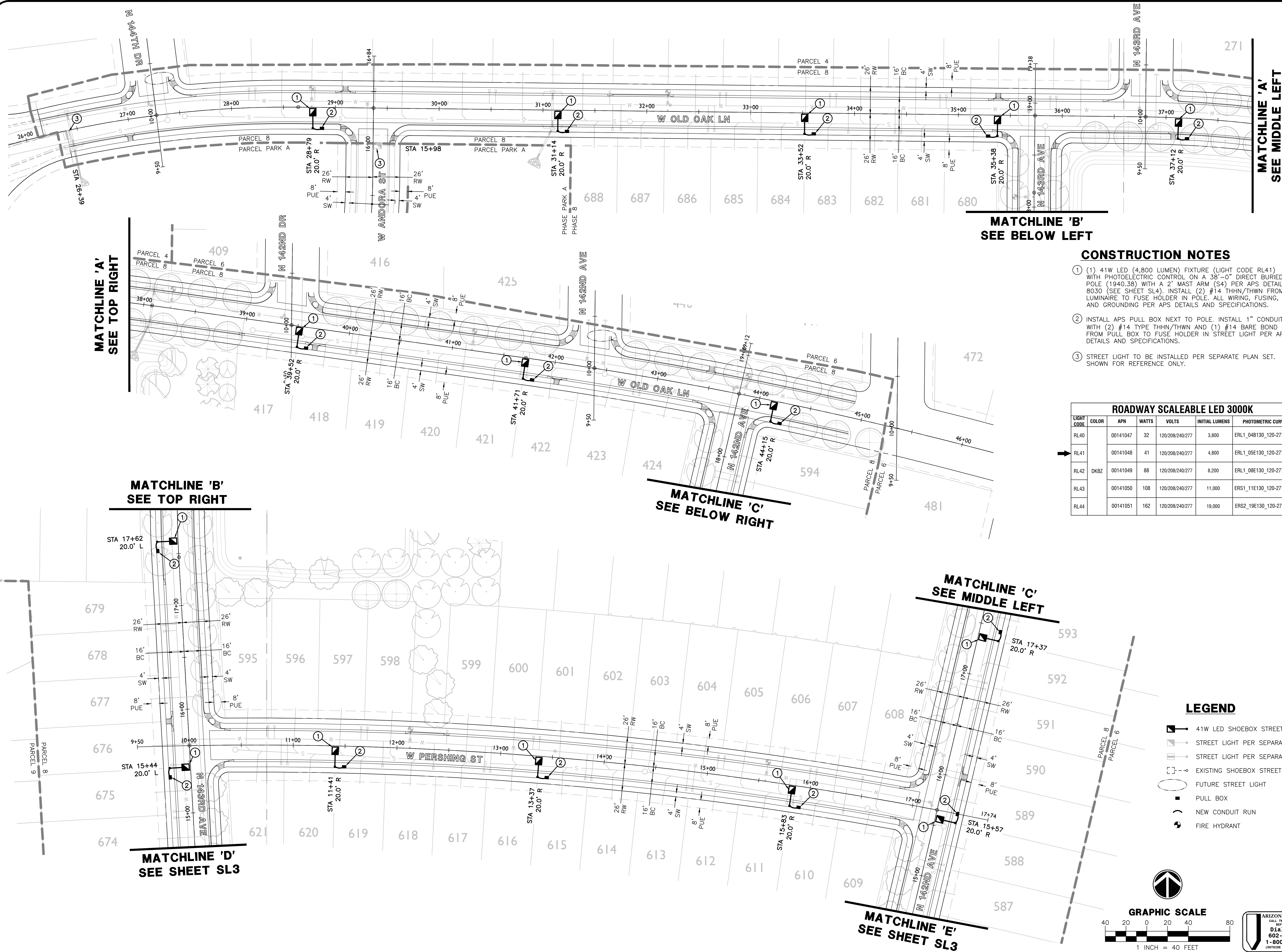
THE ELECTRICAL/MAINTENANCE COSTS OF ALL STREET LIGHTS ON LOCAL AND COLLECTOR STREETS (TYPICALLY THE 100 WATT / 9,500 LUMEN AND THE 150 WATT /16,000 LUMEN FIXTURES) ARE TO BE PAID BY THE ADJACENT PROJECT OR THE ADJACENT DEVELOPMENT'S STREET LIGHT IMPROVEMENT DISTRICT (SLID). THE ELECTRICAL / MAINTENANCE COSTS OF ALL STREET LIGHTS ON ARTERIAL STREETS (TYPICALLY THE 250 WATT/ 30,000 LUMEN FIXTURES) ARE TO BE BILLED TO THE CITY OF SURPRISE'S ENERGY BILL.

LED NOTE

LED TECHNOLOGY IS CHANGING RAPIDLY. THE FIXTURES SHOWN ON THESE PLANS MAY NOT BE APPLICABLE AT TIME OF CONSTRUCTION. CONTRACTOR TO COORDINATE WITH APS AND UTILIZE THEIR CURRENT SPECIFICATION AT THE TIME OF BIDDING AND CONSTRUCTION.



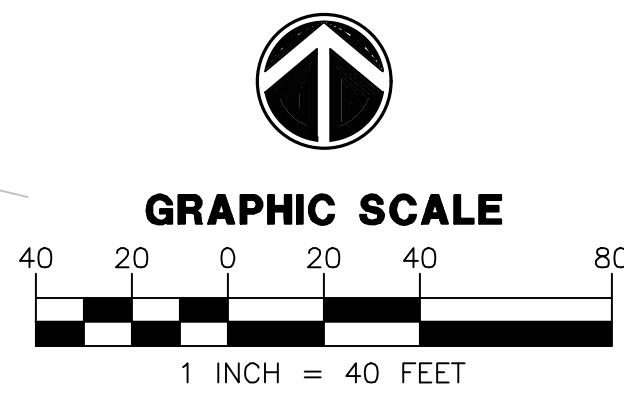
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- CONSTRUCTION NOTES**
- (1) 41W LED (4,800 LUMEN) FIXTURE (LIGHT CODE RL41) WITH PHOTOELECTRIC CONTROL ON A 38'-0" DIRECT BURIED POLE (1940.38) WITH A 2' MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL4). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.
 - INSTALL APS PULL BOX NEXT TO POLE. INSTALL 1" CONDUIT WITH (2) #14 TYPE THHN/THWN AND (1) #14 BARE BOND FROM PULL BOX TO FUSE HOLDER IN STREET LIGHT PER APS DETAILS AND SPECIFICATIONS.
 - STREET LIGHT TO BE INSTALLED PER SEPARATE PLAN SET. SHOWN FOR REFERENCE ONLY.

ROADWAY SCALEABLE LED 3000K						
LIGHT CODE	COLOR	APN	WATTS	VOLTS	INITIAL LUMENS	PHOTOMETRIC CURVE
RL40	DKBZ	00141047	32	120/208/240/277	3,800	ERL1_04B130_120-277VIES
RL41		00141048	41	120/208/240/277	4,800	ERL1_05E130_120-277VIES
RL42		00141049	88	120/208/240/277	8,200	ERL1_08E130_120-277VIES
RL43		00141050	108	120/208/240/277	11,000	ERS1_11E130_120-277VIES
RL44		00141051	162	120/208/240/277	19,000	ERS2_19E130_120-277VIES

- LEGEND**
- 41W LED SHOEBOS STREET LIGHT
 - STREET LIGHT PER SEPARATE PLAN
 - STREET LIGHT PER SEPARATE PLAN
 - EXISTING SHOEBOS STREET LIGHT
 - FUTURE STREET LIGHT
 - PULL BOX
 - NEW CONDUIT RUN
 - FIRE HYDRANT



ARIZONA BLUE STAKE
CALL TWO WORKING DAYS
BEFORE YOU DIG
Dial 811 or
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

WRIGHT ENGINEERING
PROJECT NO:
18053-05
DESIGN BY: JKS
DRAWN BY: JKS
CHECKED BY: AMB

WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:
SURPRISE, ARIZONA
HOMESTEAD AT MARLEY PARK
PHASE 4 & 5 - PARCEL 8
STREET LIGHT PLAN

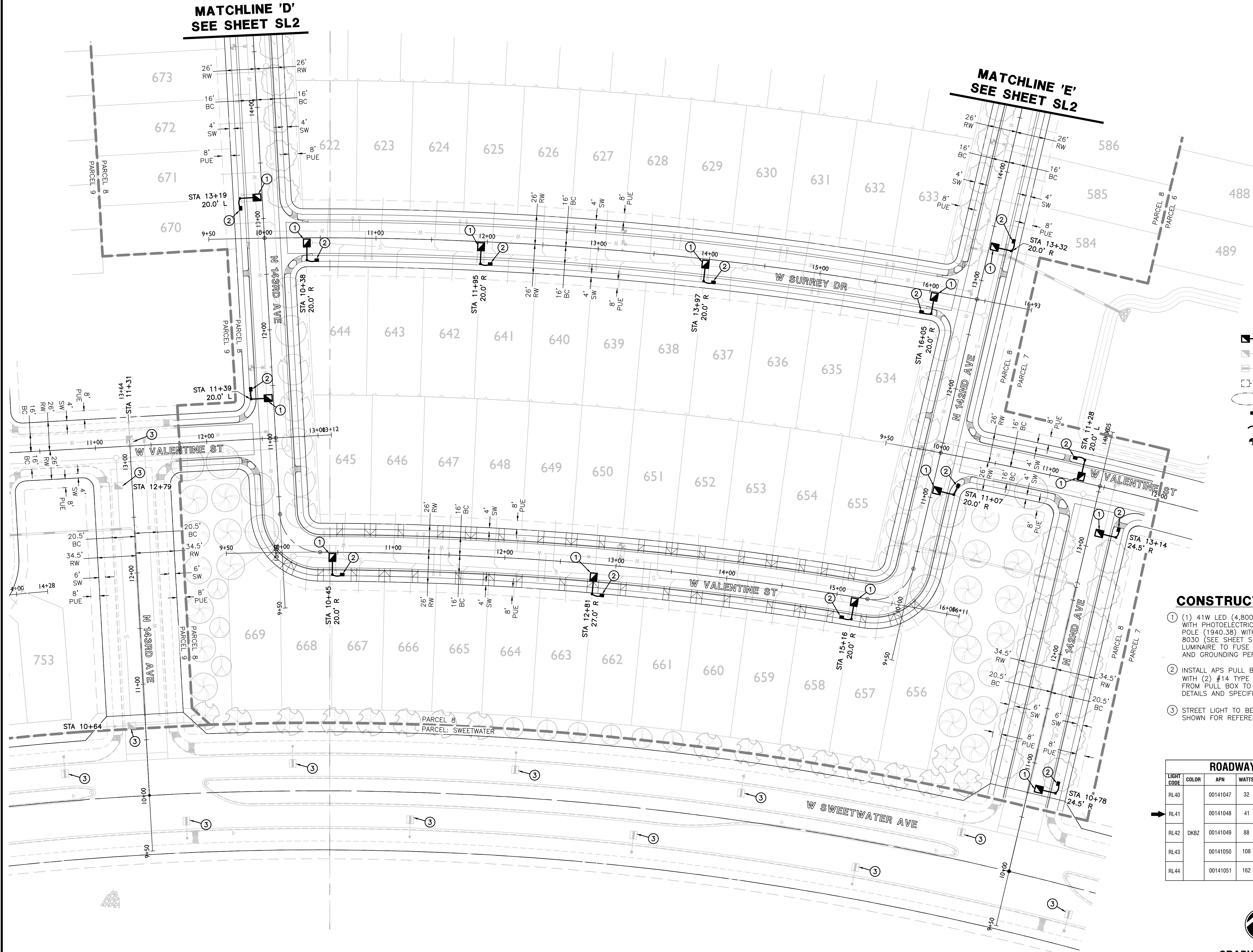
NO.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
1	MAR 2018	1ST SUBMITTAL
2	MAY 2018	2ND SUBMITTAL

Professional Engineer
46691
ADAM M. BOWERS
Exp. 9-30-19

DRAWING NO:
SL2
OF 4

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LEGEND

- 41W LED SHOEBOX STREET LIGHT
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CONSTRUCTION NOTES

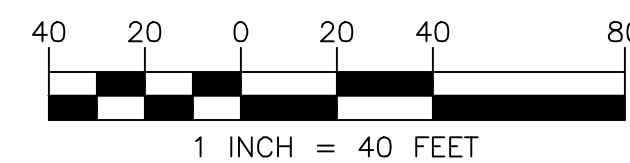
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ROADWAY SCALEABLE LED 3000K

LIGHT CODE	COLOR	APN	WATTS	VOLTS	INITIAL LUMENS	PHOTOMETRIC CURVE
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RL43		00141050	108	120/208/240/277	11,000	ERS1_11E130_120-277VIES
RL44		00141051	162	120/208/240/277	19,000	ERS2_19E130_120-277VIES



GRAPHIC SCALE



1 INCH = 40 FEET



WRIGHT ENGINEERING
PROJECT NO:
18053-05
DESIGN BY: JKS
DRAWN BY: JKS
CHECKED BY: AMB

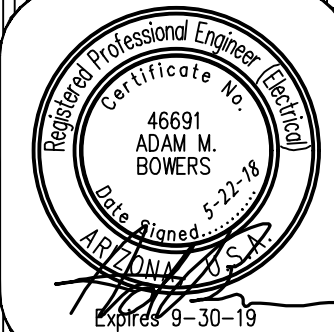
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PHASE 4 & 5 - PARCEL 8
STREET LIGHT PLAN

NO. DATE SUBMITTALS/REVISIONS (DESCRIPTIONS)

1 MAR 2018 1ST SUBMITTAL
2 MAY 2018 2ND SUBMITTAL

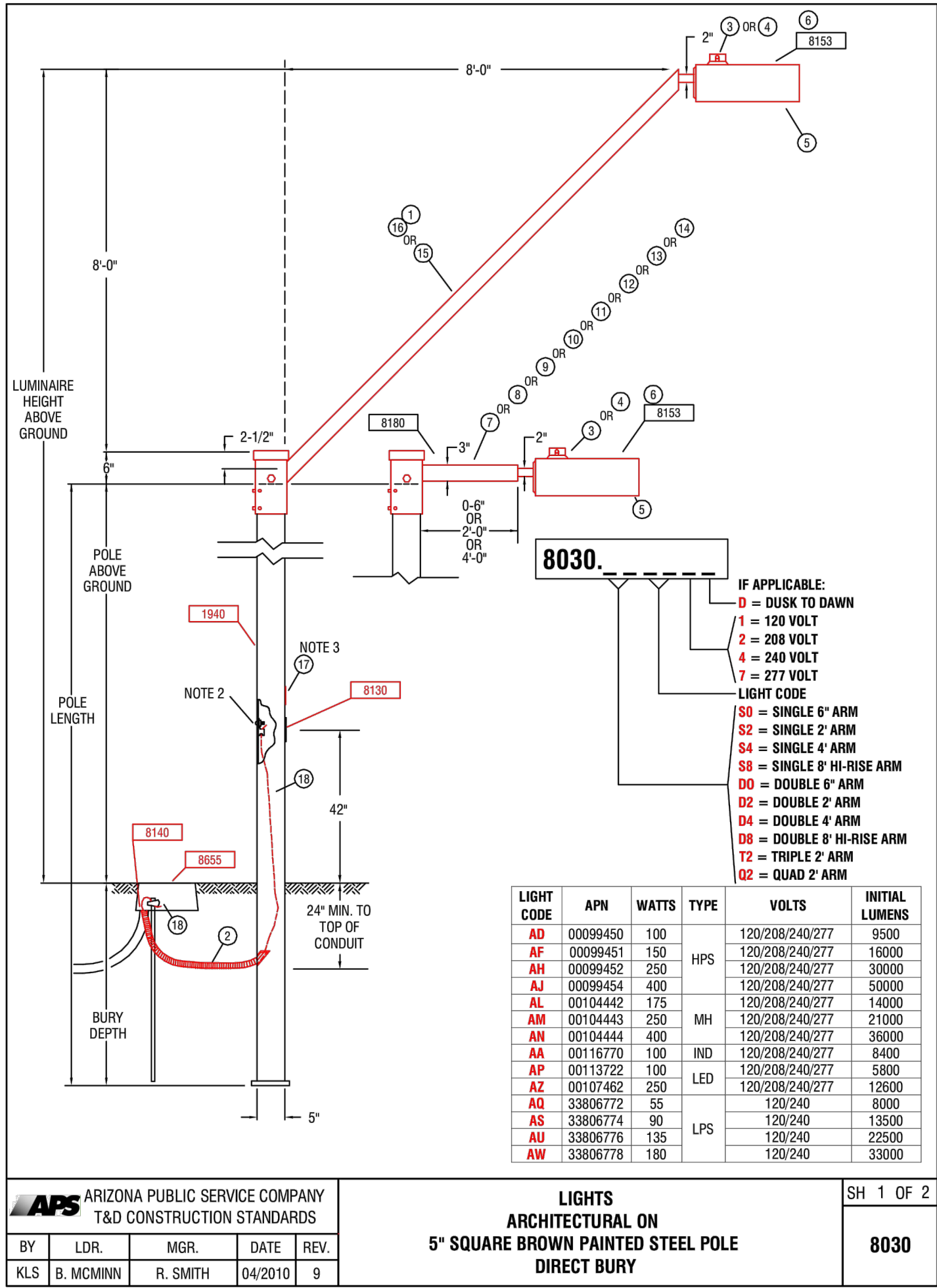


DRAWING NO:

SL3
OF 4

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NOTES:

- ADJUST PHOTO EYE TO FACE NORTH.
- A GROUND ROD IS PROVIDED WITH THE J-BOX. WHERE A GROUND ROD CAN NOT BE DRIVEN ALTERNATE GROUND SHALL BE USED. SEE 2449 THRU 2460 FOR APPROVED ALTERNATES.
- SIGN: "NOTICE THIS POLE IS OWNED AND MAINTAINED BY APS. DISCONNECT INSIDE". IS REQUIRED ON ALL DUSK-TO-DAWN AND AREA LIGHTING APPLICATIONS.
- POLES THAT HAVE MORE THAN ONE LUMINAIRE REQUIRE A SEPARATE CIRCUIT WITH FUSING FROM THE J-BOX TO EACH LUMINAIRE.
- USING THE 20'-0" POLE TO MATCH THE 16'-0" PEDESTRIAN LIGHT MOUNTING HEIGHT REDUCE POLE BURY DEPTH TO 4'-0".
- THE BROWN PHOTO CONTROL IS A FAIL OFF CONTROL AND SHALL BE USED WITH ALL INDUCTION AND LED LUMINAIRES.
- ON 277 VOLT STREET LIGHT CIRCUITS, INSTALL A "277 VOLT" MICARTA TAG ON CABLE IN J-BOX. TAG PROVIDED BY SPEC 8129.
- THE LUMINAIRE SHOWN IS RECOMMENDED FOR THIS MOUNTING HEIGHT. SEE 8153 FOR ADDITIONAL BROWN ARCHITECTURAL LUMINAIRES.
- THE TWO ARMED TENON BRACKET POSITIONS THE DOUBLE ARM 180 DEGREES APART.
- TO ACCOMMODATE LESS THAN THE SPECIFIED LUMINAIRE MOUNTING HEIGHT, A SHOP ORDER IS REQUIRED TO HAVE A PORTION FROM THE TOP OF THE POLE CUT OFF. THE TENON ARM BRACKET SLIDES OVER AND COVERS THE CUT PORTION OF THE POLE.
- IN-LINE FUSE FOR UNDERGROUND FEEDS. SEE 8130-8131.
- FOR PEDESTRIAN ONLY APPLICATIONS SEE 8030.

POLE CODE	POLE LENGTH	BURY DEPTH	POLE ABOVE GROUND	LUMINAIRE HEIGHT ABOVE GROUND
1940.20	20'-0"	5'-0"	15'-0"	15'-0"
1940.30	30'-0"	5'-0"	25'-0"	25'-0"
1940.34	34'-0"	6'-0"	28'-0"	28'-0"
1940.38	38'-0"	6'-0"	31'-6"	31'-6"

* SEE NOTE 5

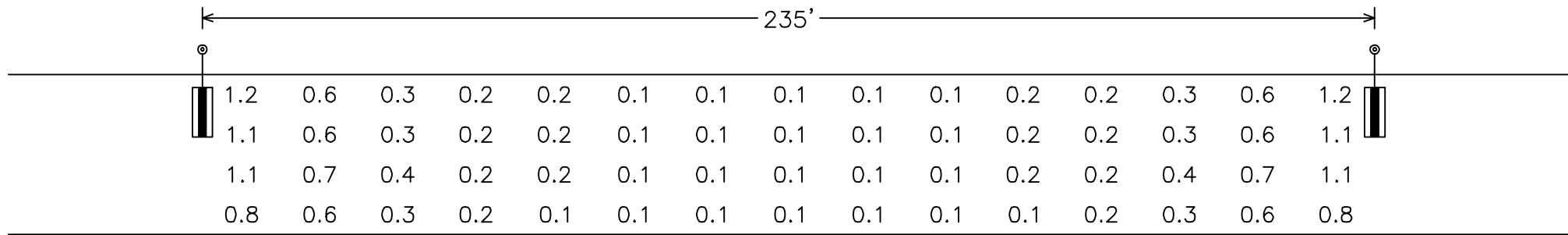
CODE	ITEM	QTY	DESCRIPTION	APN
8030.S0	1	1	BRACKET ARCH SLIP BOLTED	00092291
8030.S2	2	10	CONDUIT 1" PVC FLEX CORR	33000891
8030.S4	3	1	CONTROL PHOTO MULTI BLACK	00063965
8030.S8	4	VAR	CONTROL PHOTO MULTI BR-20	00073241
8030.D0	5	1	LAMP - SEE 8164 - 8171	
8030.D2	6	1	LUMINAIRE - SEE CHART	
8030.D4	7	1	MAST ARM STL 3" SQ X 6" SGL	88370
8030.D8	8	1	MAST ARM STL 3" SQ X 6" DBL	00121154
8030.T2	9	1	MAST ARM STL 3" SQ X 2" SGL	33701116
8030.Q2	10	1	MAST ARM STL 3" SQ X 2" DBL	33701117
	11	1	MAST ARM STL 3" SQ X 2" TPL	52664
	12	1	MAST ARM STL 3" SQ X 2" QUAD	00052665
	13	1	MAST ARM STL 3" SQ X 6" SGL	00061738
	14	1	MAST ARM STL 3" SQ X 4" DBL	00073267
	15	1	MAST ARM STL 3" SQ X 6" SGL	33701120
	16	1	MAST ARM STL 6" MULTICOR	00022922
	17	1	SIGN POLE OWNED BY APS	00050092
	18	10	WIRE BARE #6 SOLID CU	33007580

APR ARIZONA PUBLIC SERVICE COMPANY
T&D CONSTRUCTION STANDARDS

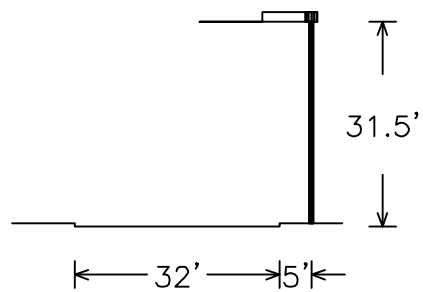
LIGHTS
ARCHITECTURAL ON
5" SQUARE BROWN PAINTED STEEL POLE
DIRECT BURY

SH 2 OF 2
8030

PHOTOMETRICS



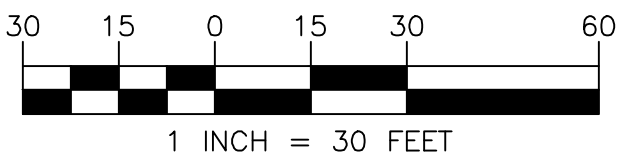
LEGEND



41W LED SHOEBBOX
candela file 'erl1_05e130-120-277v_tcm201-103950.ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 41
mounting height = 31.5 ft
number locations = 4, number luminaires = 4
kw all locations = 0.2

Roadway Grid
60 points at z=0, sp 15.667ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.4
Maximum 1.2
Minimum 0.1
Avg:Min 3.50
Max:Min 12.00
Coef Var 0.94
UnifGrad 2.00

GRAPHIC SCALE

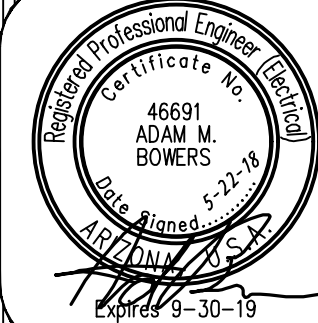


WRIGHT ENGINEERING
PROJECT NO:
18053-05
DESIGN BY: JKS
DRAWN BY: JKS
CHECKED BY: AMB

WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:
SURPRISE, ARIZONA
HOMESTEAD AT MARLEY PARK
PHASE 4 & 5 - PARCEL 8
STREET LIGHT DETAILS & PHOTOMETRICS

NO.	DATE	SUBMITTALS/REVISIONS	DESCRIPTIONS
1	MAR 2018	1ST SUBMITTAL	
2	MAY 2018	2ND SUBMITTAL	



DRAWING NO:
SL4
OF 4

ARIZONA BLUE STAKE
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Dial 811 or
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

HOMESTEAD AT MARLEY PARK PHASE 4 & 5

PARCEL 9

STREET LIGHT DESIGN

STREET LIGHTING REQUIREMENTS

5.00 GENERAL NOTES:

THE FOLLOWING INFORMATION IS PROVIDED TO EMPHASIZE CRITICAL WORK AND IS INTENDED TO SUPPLEMENT THE SPECIFICATIONS. SHOULD THERE BE A CONFLICT WITH THE SPECIFICATIONS, THIS DOCUMENT SHALL TAKE PRECEDENCE.

ALTERNATES SHALL BE PRE-APPROVED BY THE CITY ENGINEERING MANAGER. APPROVAL OF ALTERNATE PRODUCTS SHALL BE ON AN EQUAL BASIS WITH THE PRODUCT SPECIFIED AND SHALL BE SUBMITTED A MINIMUM OF TEN (10) DAYS PRIOR TO BID OPENING. STRUCTURAL CALCULATIONS SHALL BE FURNISHED FOR ALTERNATE PRODUCTS AND CERTIFIED BY A STRUCTURAL ENGINEER, REGISTERED IN THE STATE OF ARIZONA. LUMINAIRES AND LAMPS SHALL MEET OR EXCEED THE PHOTOMETRIC, ELECTRICAL, AND MECHANICAL REQUIREMENTS FOR THE SPECIFIED PRODUCTS.

THE CONTRACTOR SHALL COMPLY WITH STATE AND CITY STATUTES, AND MANUFACTURER'S RECOMMENDATIONS.

THE SUBMITTAL PACKAGE SHALL CONSIST OF THREE (3) COPIES OF EQUIPMENT/MATERIAL TO BE INSTALLED AND SHALL BE BOUND/STAPLED IN A FOLDER AND SUBMITTED AT THE TIME OF PERMIT APPLICATION.

PRIOR TO SUBMITTING A PROPOSAL, THE BIDDER SHALL EXAMINE ALL GENERAL CONSTRUCTION DRAWINGS AND VISIT THE CONSTRUCTION SITE TO BECOME FAMILIAR WITH EXISTING CONDITIONS UNDER WHICH HE WILL OPERATE AND WHICH WILL IN ANY WAY AFFECT THE WORK UNDER THE CONTRACT. NO SUBSEQUENT ALLOWANCE WILL BE MADE IN THIS CONNECTION IN THE BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLIGENCE ON HIS PART.

PRIOR TO ORDERING ANY MATERIALS OR DOING ANY WORK, THE CONTRACTOR SHOULD VERIFY DIMENSIONS AT THE SITE. IMMEDIATELY REPORT DIFFERENCES TO THE ENGINEERING MGR. AND SHOULD NOT PROCEED WITH WORK UNTIL THE ENGINEERING MGR. RENDERS A DECISION. NO EXTRA CHARGES OR COMPENSATION WILL BE ALLOWED FOR DIFFERENCES IN ACTUAL DIMENSIONS AND DIMENSIONS INDICATED ON THE DRAWINGS.

5.01 GENERAL:

THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH ALL LICENSING REQUIREMENTS SET FORTH BY THE STATE REGISTRAR OF CONTRACTORS OFFICE TO PERFORM WORK RELATING TO STREET LIGHT INSTALLATION IN THE CITY RIGHT-OF-WAY.

ONE PROJECT UNDERGROUND UTILITIES (RIGHT OF WAY) PERMIT AND ONE STREETLIGHT PERMIT FOR EACH STREET LIGHT POLE SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

5.02 WORKING / "AS BUILT" PLANS:

ACCEPTANCE OF THE COMPLETED IMPROVEMENTS WILL NOT BE GIVEN UNTIL 4 MIL PHOTO MYLAR REPRODUCIBLE "AS BUILT" PLANS HAVE BEEN SUBMITTED TO AND APPROVED BY THE CITY ENGINEER.

5.03 LIGHT POLES:

LIGHT POLES SHALL BE INSTALLED PLUMB, BE ADJUSTED TO PROVIDE PROPER ALIGNMENT TO THE ROADWAY WHEN LIGHTED AND BE PROPERLY GROUNDED WHEN THE INSTALLATION IS COMPLETE.

5.04 EMBEDMENT:

DIRECT BURIED POLES SHALL BE SET IN A TWELVE (12) INCH AUGURED HOLE DEPTH AS SPECIFIED IN UNDISTURBED EARTH. POLE SHALL BE SET PLUMB IN TWO DIRECTIONS 90 DEGREES APART. HAND TAMPING OF ABC BACKFILL WITH PNEUMATIC OR VIBRATING EQUIPMENT IS THE ACCEPTABLE METHOD OF COMPACTION. BACKFILL SHALL BE COMPACTED TO 85% OF MAXIMUM DENSITY AS DEFINED BY ASTM D-2922 AND D-3017. A GROUND ROD SHALL BE INSTALLED ADJACENT TO PULL BOX IN UNDISTURBED SOIL AND A LEAD IN COPPER BOND WIRE (#6) SHALL BE INSTALLED IN 1" CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT (OR EQUAL) FOR POLE GROUNDING.

SURPLUS EXCAVATION SHALL BE DISPOSED OF BY THE CONTRACTOR.

5.05 LUMINAIRES:

LUMINAIRES SHALL BE INSTALLED LEVEL AND INCLUDE A LAMP AND PHOTOCCELL. CONTRACTOR SHALL ASSURE THAT THE LUMINAIRES SHALL BE FREE OF DUST, DIRT OR ANYTHING THAT WOULD IMPAIR THE OUTPUT OF THE LIGHT BEFORE HE LEAVES THE SITE.

LUMINAIRES FURNISHED WITH MULTI-TAP BALLASTS SHALL BE REWIRED OR RECONNECTED TO MATCH THE VOLTAGE SUPPLIED BY THE ELECTRIC UTILITY COMPANY.

5.06 WIRING:

WIRING SHALL BE INSTALLED PER UTILITY STANDARDS.

5.07 GROUNDING:

EACH POLE SHALL HAVE A 8' X 5/8" COPPER CLAD GROUND ROD DRIVEN ADJACENT TO PULL BOX. A #6 BARE COPPER LEAD FROM THE GROUND ROD IN PULL BOX TO LANDING LUG IN STREET LIGHT POLE HAND HOLE.

5.08 PULL BOXES:

EXCAVATION FOR PULL BOXES AND MATERIAL SPECIFICATION SHALL BE PER THE ELECTRIC UTILITY COMPANY STANDARDS.

5.09 TRENCH

TRENCH SHALL BE INSTALLED PER THE UTILITY COMPANY STANDARDS.

THE USE OF A COMMON ELECTRIC UTILITY COMPANY TRENCH IS PERMITTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE UTILITY COMPANY FOR COORDINATION OF TRENCHING AND THE INSTALLATION OF CONDUIT.

CONDUIT SHALL BE INSTALLED AT THE DEPTH SPECIFIED ON THE PLANS. CONDUIT SHALL BE 1 INCH CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT OR EQUAL. CONDUIT MUST BE UL RATED AND SUITABLE FOR UNDERGROUND USE.

CONNECTIONS SHALL BE PER UTILITY STANDARDS.

5.12 LIGHT POLE IDENTIFICATION:

THE CONTRACTOR SHALL FURNISH AND INSTALL A NUMBER ON EACH LIGHT POLE. STREET LIGHT POLE IDENTIFICATION AND SPECIFICATIONS WILL BE PROVIDED BY THE CITY OF SURPRISE.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO RESTORE ALL PROPERTY, LANDSCAPING, PAVING AND DRIVEWAYS THAT ARE DISTURBED DURING STREET LIGHT CONSTRUCTION TO THEIR ORIGINAL CONDITION IN CONFORMANCE WITH "MAG" SPECIFICATION SECTION 107.9.

THE DEVELOPER SHALL BE RESPONSIBLE FOR FURNISHING ALL PERSONNEL AND EQUIPMENT TO SUCCESSFULLY PERFORM THE FOLLOWING TEST.

PRIOR TO ACCEPTANCE, THE DEVELOPER SHALL ENERGIZE AND OPERATE THE ENTIRE ROADWAY LIGHTING SYSTEM, FROM SUNSET TO SUNRISE FOR TWO CONSECUTIVE DAYS WITHOUT INTERRUPTION OR FAILURE. IF A LAMP OR BALLAST SHOULD FAIL, IT SHALL BE IMMEDIATELY REPLACED.

THE CONTRACTOR SHALL GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE ENGINEERING MANAGER, AGAINST IMPERFECT WORKMANSHIP, FAILURE, MALFUNCTION OF MATERIALS AND/OR EQUIPMENT DUE TO FAULTY OR IMPERFECT WORKMANSHIP. THIS GUARANTEE IS TO BE IN WRITING TO THE CITY AT THE TIME OF ISSUING FINAL ACCEPTANCE. WORK FOUND TO BE DEFECTIVE WITHIN THE WARRANTY PERIOD SHALL BE REPLACED WITHOUT COST TO THE CITY.

GENERAL ENGINEERING NOTES:

- ALL CONSTRUCTION MUST CONFORM TO MARICOPA ASSOCIATION OF GOVERNMENT (MAG) SPECIFICATIONS AND DETAILS AND LATEST REVISIONS UNLESS OTHERWISE STATED ON PLANS.
- THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND THEY WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL OVERHEAD AND UNDERGROUND UTILITY LOCATIONS WHERE CONSTRUCTION OCCURS. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT ALL UTILITIES ARE AVOIDED. UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND NOT FOR CONSTRUCTION PURPOSES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AND OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT ARIZONA UNDERGROUND FACILITIES LAWS (ARIZONA REVISED STATUTES TITLE 40, CHAPTER 2, ARTICLE 6.3, SECTION 40-360.21-32). CALL ARIZONA 811 FOR FIELD LOCATION BY DIAL 811.
- THE CITY OF SURPRISE ENGINEERING SERVICES OF PUBLIC WORKS SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK AT 623-222-6150.
- THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION OR VARIANCE FROM THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE PROPOSED AND RESUBMITTED FOR REVIEW AND APPROVAL.
- THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE DRAWING, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE. EXISTING SURFACE FEATURES AND FENCING SHALL BE REPLACED IN KIND.
- ANY INSPECTION BY THE CITY, COUNTY, OR THE ENGINEER, SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE APPLICABLE CODES AND AGENCY REQUIREMENTS.
- THE CONTRACTOR IS TO LOCATE ALL EXISTING LANDSCAPING, LANDSCAPING IRRIGATION LINES, PROPERTY MONUMENTS, FENCING OR SURFACE FEATURES PRIOR TO CONSTRUCTION. ANYTHING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
- NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
- ALL CONSTRUCTION WATER USED WITHIN THE CITY OF SURPRISE WATER SERVICE AREA REQUIRES APPROVAL BY THE CITY OF SURPRISE PUBLIC WORKS DEPARTMENT AND MAY BE SUBJECT TO VOLUME AND TIME RESTRICTIONS. PLEASE SEE THE CITY OF SURPRISE CONSTRUCTION WATER GUIDELINES FOR ADDITIONAL INFORMATION. THE GUIDELINES CAN BE OBTAINED FROM THE PUBLIC WORKS DEPARTMENT AT 623-222-6000.
- TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH MAG SPECIFICATION 401, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND THE "TEMPORARY WORK ZONE TRAFFIC MANAGEMENT POLICY" (LATEST EDITION).
- PRIOR TO FINAL APPROVAL AND ACCEPTANCE OF THE WORK, THE DEVELOPER/CONTRACTOR WILL BE REQUIRED TO CLEAN AND REPAIR ADJACENT (OFF-PROJECT) ROADWAYS USED OR DAMAGED DURING THE COURSE OF CONSTRUCTION.
- EMERGENCY VEHICLE ACCESS (E.V.A.) MUST BE PROVIDED BY THE DEVELOPER/CONTRACTOR THROUGHOUT THE PROJECT SITE. E.V.A. ROADS AND SIGNAGE SHALL BE MAINTAINED BY THE DEVELOPER/CONTRACTOR AT ALL TIMES. SIGNAGE SHALL BE POSTED AT THE POINT OF ENTRY TO THE SITE AND AT ALL LOCATIONS WHERE A CHANGE IN DIRECTION OCCURS.
- THE PLANS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT'S ACCESSIBILITY GUIDELINES, AS PUBLISHED IN THE FEDERAL REGISTER ON SEPTEMBER 15, 2010.

UTILITIES WITHIN OR AFFECTED BY THE PROJECT		
UTILITY CONTACT	DATE SUBMITTED	
ARIZONA PUBLIC SERVICE	06-15-18	
CENTURY LINK	06-15-18	
COX COMMUNICATIONS	06-15-18	
COS WATER	06-15-18	
SOUTHWEST GAS	06-15-18	

NOTE

THE ELECTRICAL/MAINTENANCE COSTS OF ALL STREET LIGHTS ON LOCAL AND COLLECTOR STREETS ARE TO BE PAID BY THE ADJACENT PROJECT OR THE ADJACENT DEVELOPMENT'S STREET LIGHT IMPROVEMENT DISTRICT (SLID). THE ELECTRICAL / MAINTENANCE COSTS OF ALL STREET LIGHTS ON ARTERIAL STREETS ARE TO BE BILLED TO THE CITY OF SURPRISE'S ENERGY BILL.

LED NOTE

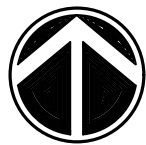
LED TECHNOLOGY IS CHANGING RAPIDLY. THE FIXTURES SHOWN ON THESE PLANS MAY NOT BE APPLICABLE AT TIME OF CONSTRUCTION. CONTRACTOR TO COORDINATE WITH APS AND UTILIZE THEIR CURRENT SPECIFICATION AT THE TIME OF BIDDING AND CONSTRUCTION.

SHEET SL2



KEY MAP

N.T.S.



CIVIL ENGINEER
EPS GROUP, INC.
2045 S. VINEYARD, SUITE 101
MESA, AZ 85210
PHONE: (480) 503-2250
CONTACT: JOHN MCGHEE, P.E.

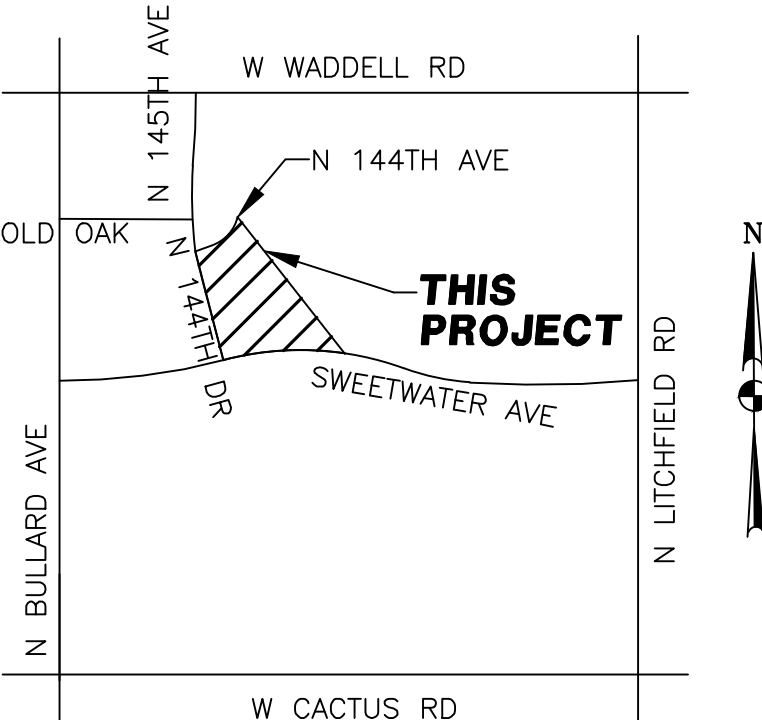
OWNER
MERITAGE HOMES
8800 E RAINTREE DR, SUITE 300
SCOTTSDALE, AZ 85260
PHONE: (480) 515-8251
CONTACT: JASON JARVIS

CITY OF SURPRISE ENGINEER

DATE

STREET LIGHTING (APS AREA)															
KEY NO.	SYMBOL	STREET TYPE	OFFSET BEHIND B/C	QUANTITY	POLE		MAST ARM	LUMINAIRE						APS STANDARD CODE NO.	
					POLE HEIGHT	FOUNDATION		SIZE	MOUNTING HEIGHT	LUMENS	WATTAGE	I.E.S. DIST.	VOLTAGE		TYPE
①		LOCAL	PER PLANS	15	38'-0"	DIRECT BURY	2'-0"	31'-6"	4,800	41 W	TYPE II	*	LED	ARCHITECTURAL (SHOEBOX)	8030.S2.RL43
②		LOCAL	PER PLANS	4	38'-0"	DIRECT BURY	2'-0"	31'-6"	8,200	88 W	TYPE II	*	LED	ARCHITECTURAL (SHOEBOX)	8030.S2.RL43

*PER UTILITY COMPANY REQUIREMENTS



VICINITY MAP

N.T.S.

SHEET INDEX

COVER SHEET	SL1
STREET LIGHT PLAN & DETAILS	SL2
STREET LIGHT DETAILS & PHOTOMETRICS	SL3

WRIGHT ENGINEERING
PROJECT NO:
18053-06

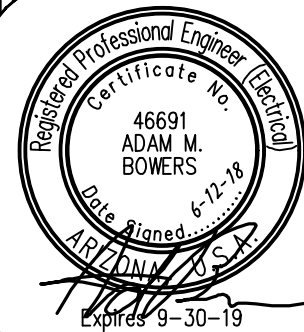
DESIGN BY: NBG
DRAWN BY: NBG
CHECKED BY: AMB

WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:

SURPRISE, ARIZONA
HOMESTEAD AT MARLEY PARK
PHASE 4 & 5 - PARCEL 9
STREET LIGHT COVER SHEET

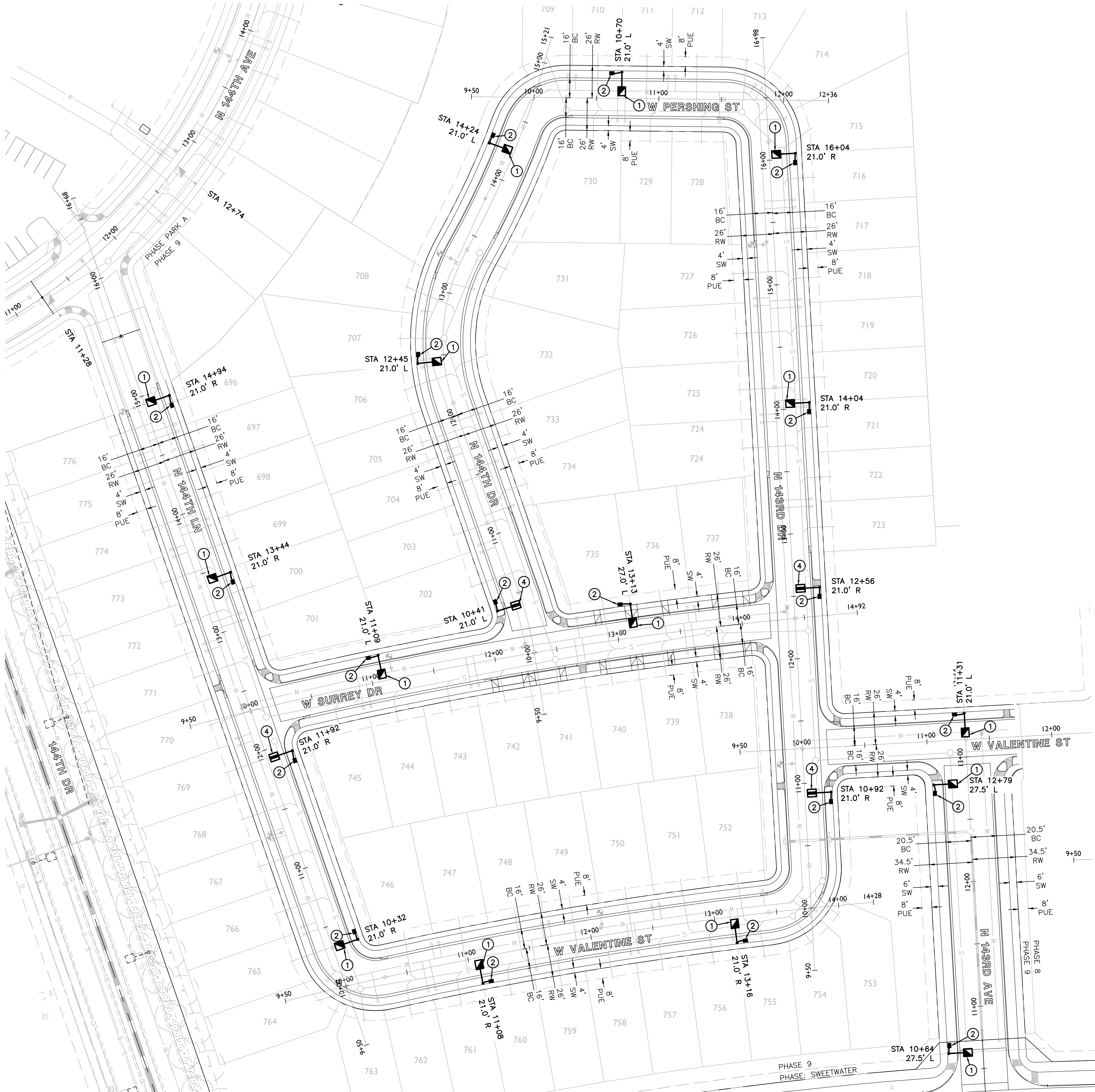
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1	MAR 2018	1ST SUBMITTAL
2	JUNE 2018	2ND SUBMITTAL



DRAWING NO:
SL1
OF 3



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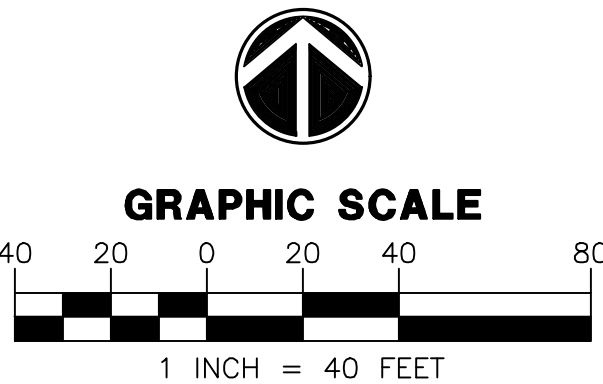
ROADWAY SCALEABLE LED 3000K						
LIGHT CODE	COLOR	APN	WATTS	VOLTS	INITIAL LUMENS	PHOTOMETRIC CURVE
RL40	DKBZ	00141047	32	120/208/240/277	3,800	ERL1_04B130_120-277VIES
RL41		00141048	41	120/208/240/277	4,800	ERL1_05E130_120-277VIES
RL42		00141049	88	120/208/240/277	8,200	ERL1_08E130_120-277VIES
RL43		00141050	108	120/208/240/277	11,000	ERS1_11E130_120-277VIES
RL44		00141051	162	120/208/240/277	19,000	ERS2_19E130_120-277VIES

CONSTRUCTION NOTES

- (1) 41W LED (4,800 LUMEN) FIXTURE (LIGHT CODE RL41) WITH PHOTOELECTRIC CONTROL ON A 38'-0" DIRECT BURIED POLE (1940.38) WITH A 2' MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL3). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.
- INSTALL APS PULL BOX NEXT TO POLE. INSTALL 1" CONDUIT WITH (2) #14 TYPE THHN/THWN AND (1) #14 BARE BOND FROM PULL BOX TO FUSE HOLDER IN STREET LIGHT PER APS DETAILS AND SPECIFICATIONS.
- STREET LIGHT TO BE INSTALLED PER SEPARATE PLAN SET. SHOWN FOR REFERENCE ONLY.
- (1) 88W LED (8,200 LUMEN) FIXTURE (LIGHT CODE RL42) WITH PHOTOELECTRIC CONTROL ON A 38'-0" DIRECT BURIED POLE (1940.38) WITH A 2' MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL3). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.

LEGEND

- 41W LED SHOEBOX STREET LIGHT
- 88W LED SHOEBOX STREET LIGHT
- STREET LIGHT PER SEPARATE PLAN
- EXISTING SHOEBOX STREET LIGHT
- PULL BOX
- NEW CONDUIT RUN
- FIRE HYDRANT



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PROJECT NO:
18053-06
DESIGN BY: NBG
DRAWN BY: NBG
CHECKED BY: AMB

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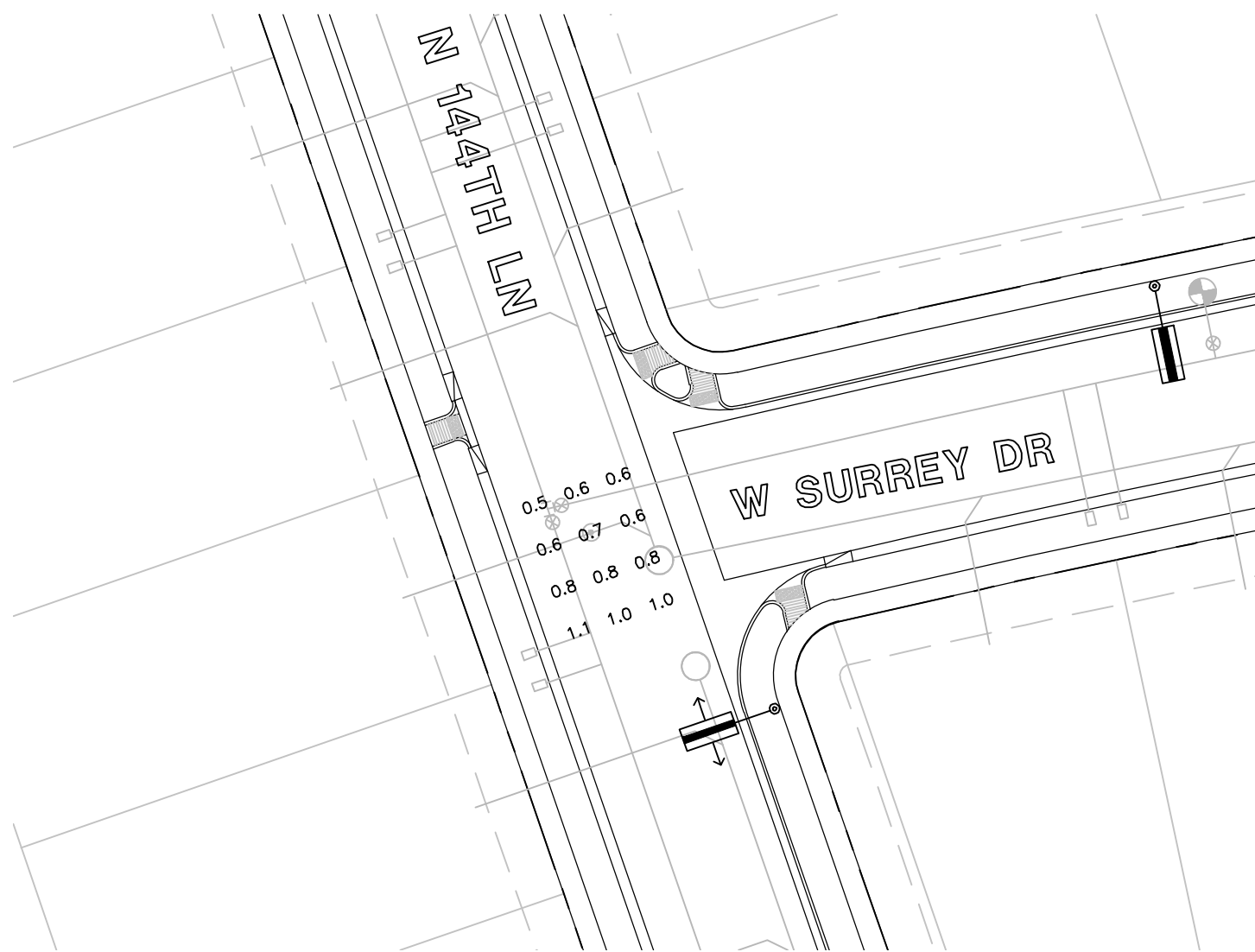
PROJECT: TITLE:
SURPRISE, ARIZONA
HOMESTEAD AT MARLEY PARK
PHASE 4 & 5 - PARCEL 9
STREET LIGHT PLAN

NO.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
1	MAR 2018	1ST SUBMITTAL
2	JUNE 2018	2ND SUBMITTAL

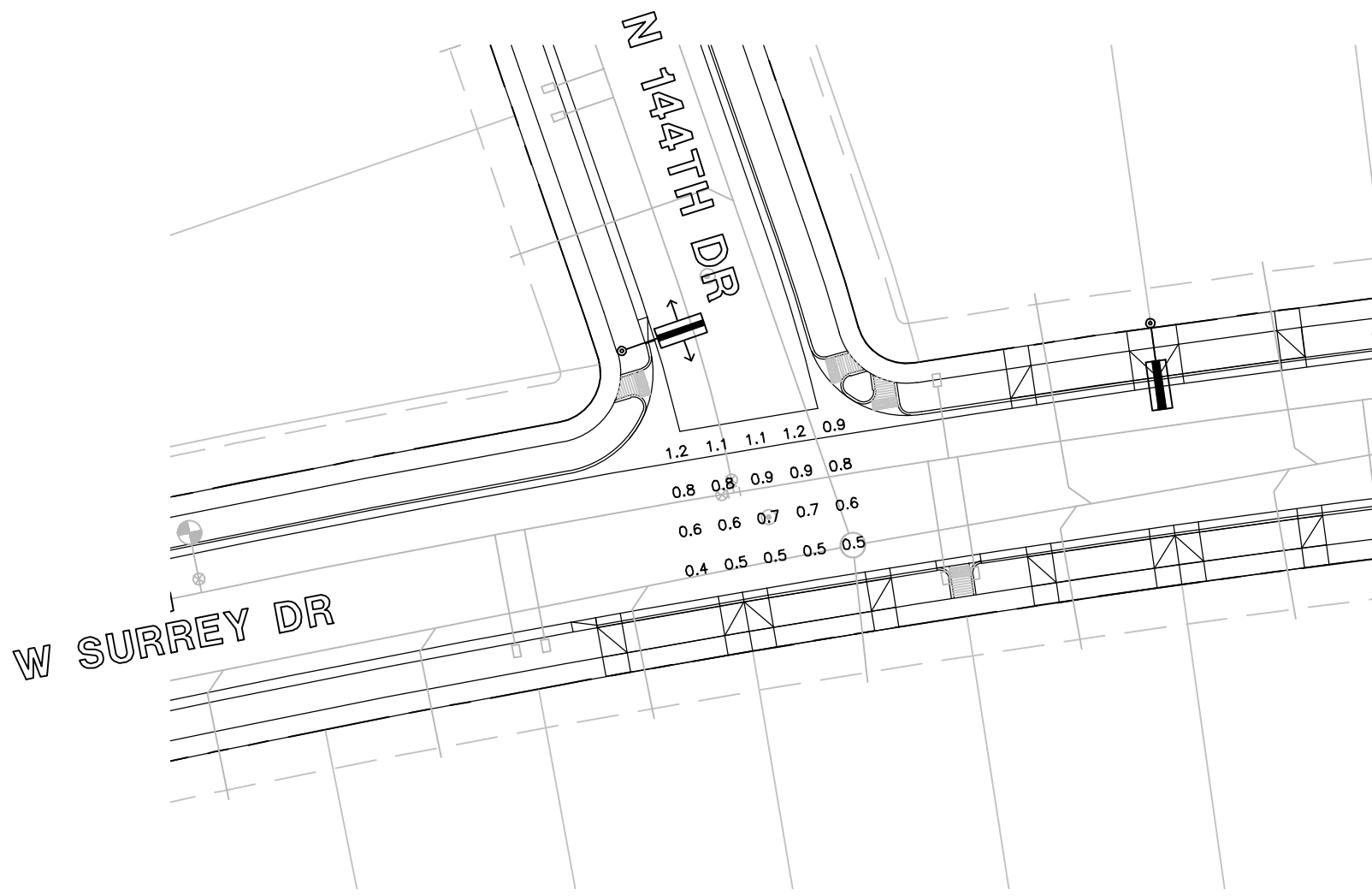
Professional Engineer
46691
ADAM M.
BOMERS
Exp. 9-30-19

DRAWING NO:
SL2
OF 3

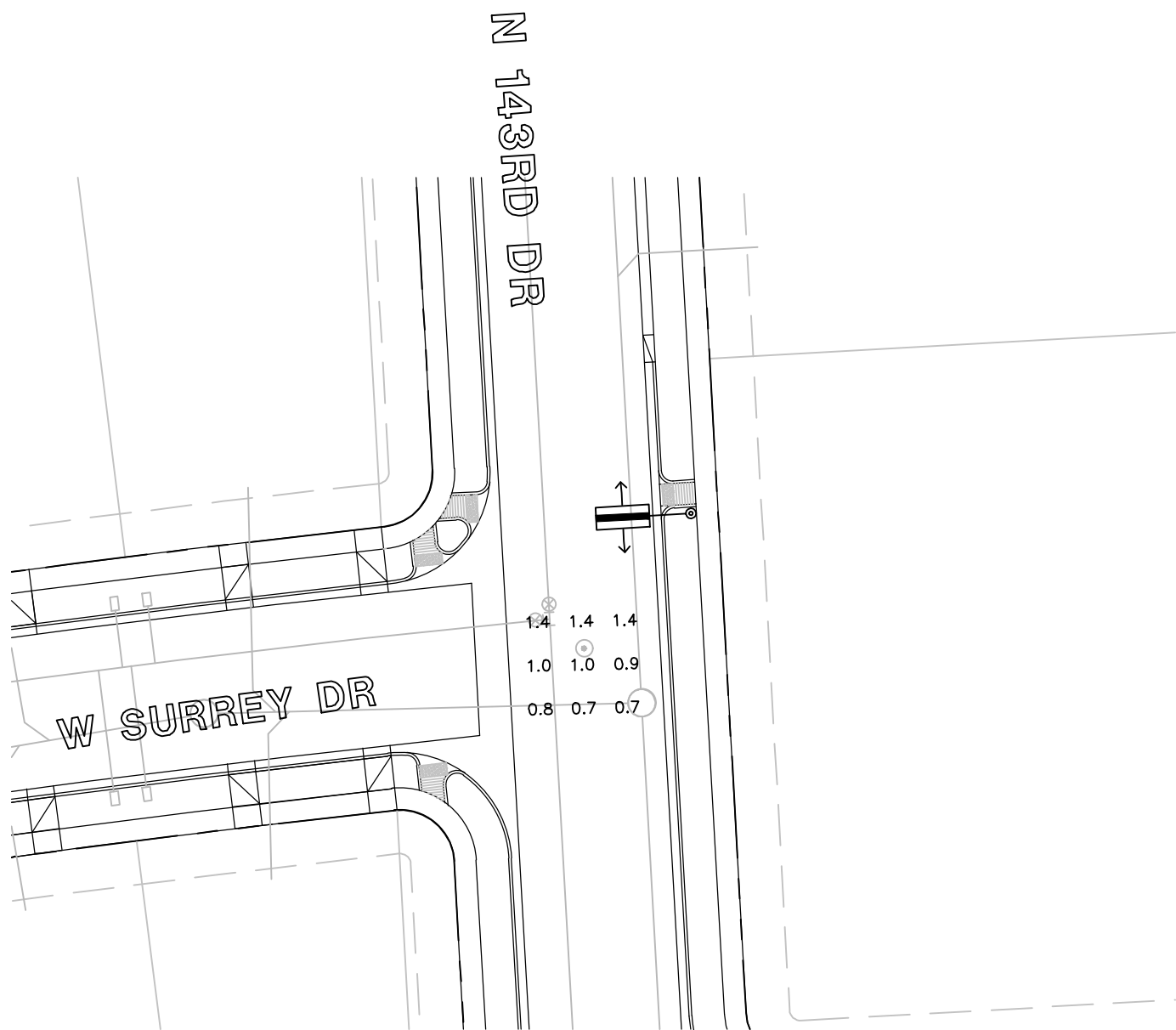
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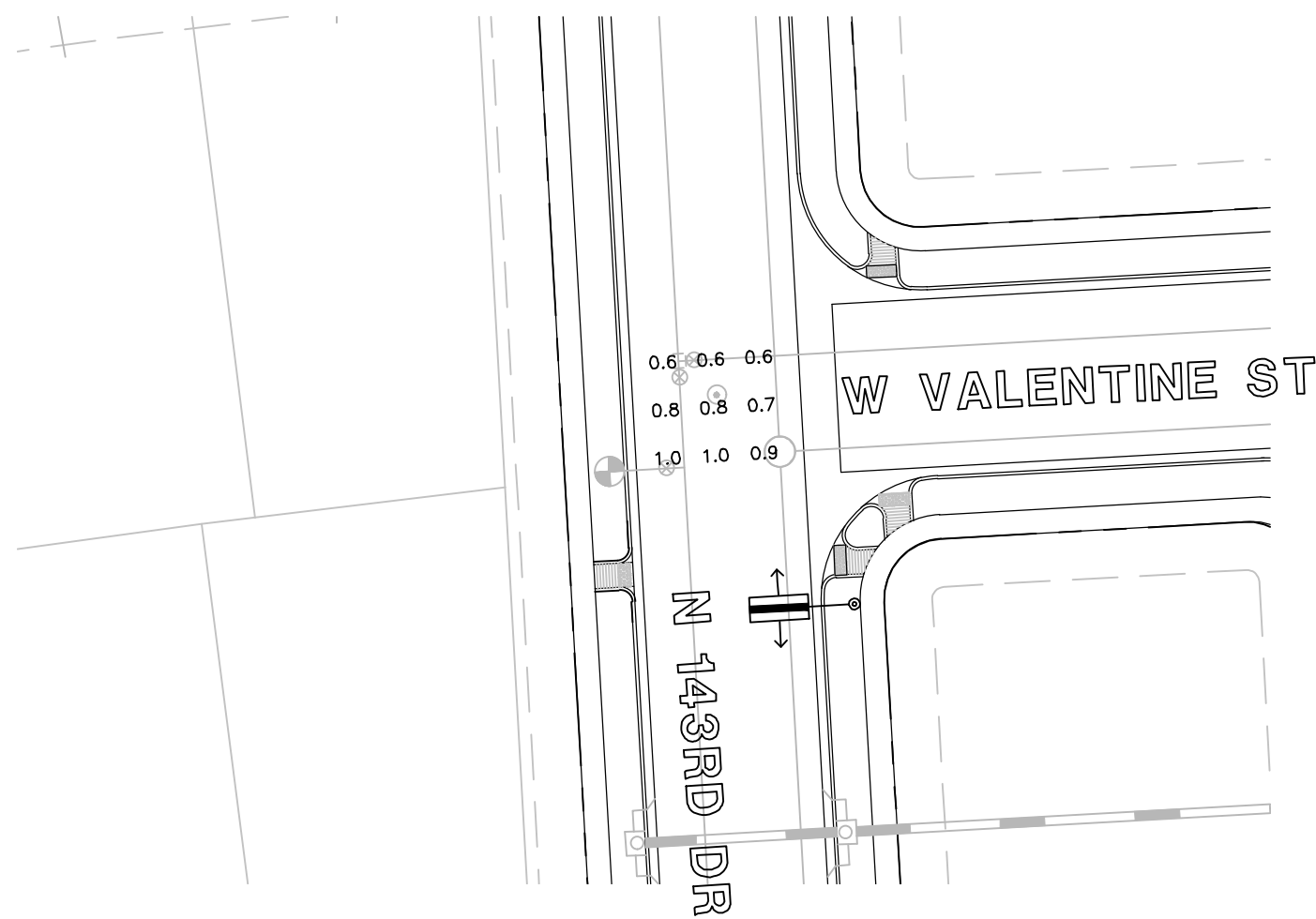
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HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.1
Minimum 0.5
Avg:Min 1.52
Max:Min 2.20
Coef Var 0.24
UnifGrad 1.38



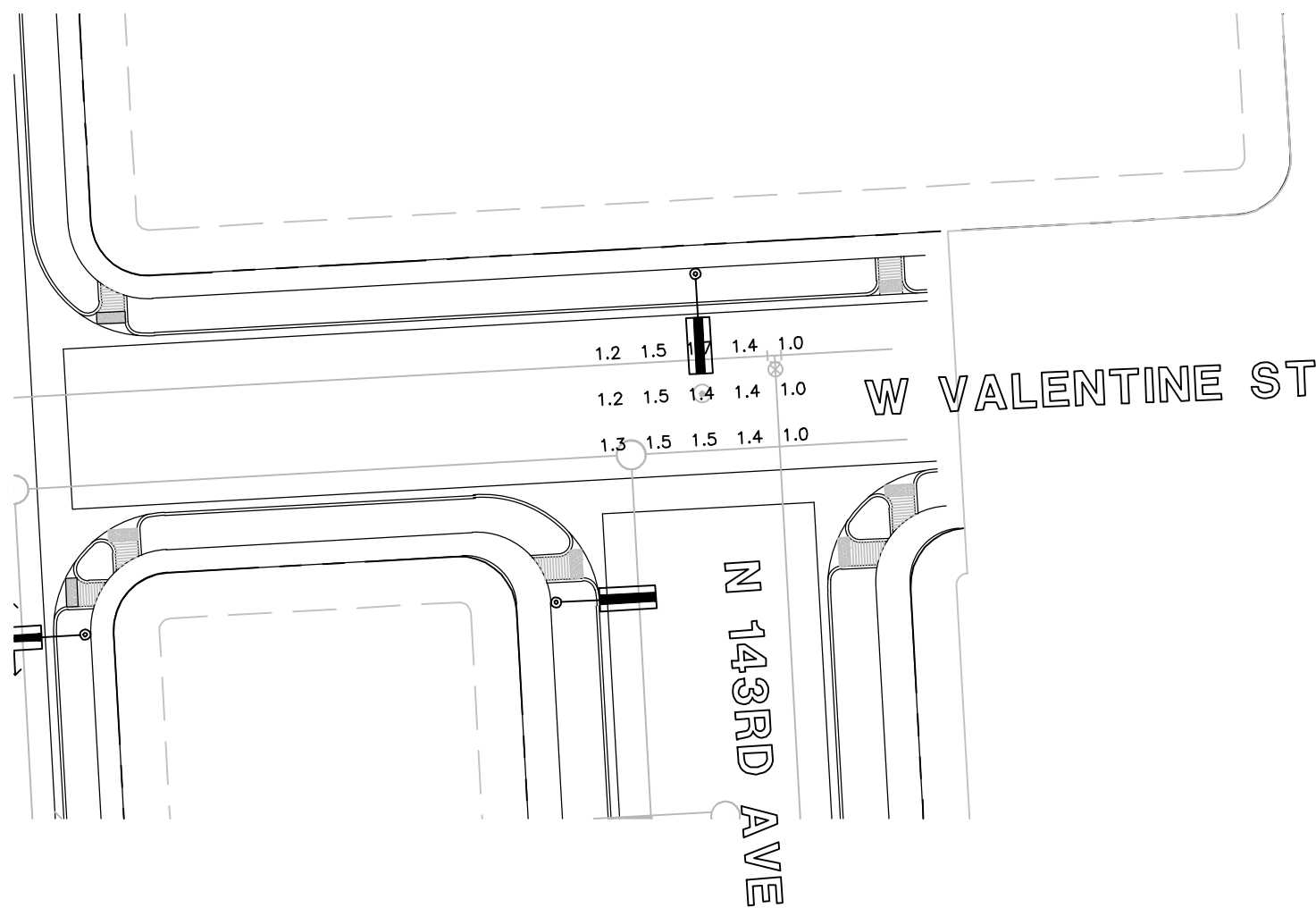
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20 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.2
Minimum 0.4
Avg:Min 1.91
Max:Min 3.00
Coef Var 0.32
UnifGrad 1.50



INT - W SURREY DR & N 143RD DR
9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 1.0
Maximum 1.4
Minimum 0.7
Avg:Min 1.48
Max:Min 2.00
Coef Var 0.27
UnifGrad 1.56



INT - N 143RD DR & W VALENTINE ST
9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.0
Minimum 0.6
Avg:Min 1.30
Max:Min 1.67
Coef Var 0.20
UnifGrad 1.33



INT - W VALENTINE ST & N 143RD AVE
15 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 1.3
Maximum 1.7
Minimum 1.0
Avg:Min 1.33
Max:Min 1.70
Coef Var 0.15
UnifGrad 1.40

LEGEND

41W LED SHOEBOX
candela file 'erl1_05e130-120-277v_tcm201-103950.ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 41
mounting height= 31.5 ft
number locations= 20, number luminaires= 20
kw all locations= 0.8

88W LED
2' MAST ARM
candela file 'erl1_08e130_tcm201-103998.ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 88
mounting height= 31.5 ft
number locations= 4, number luminaires= 4
kw all locations= 0.4

WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807

**PHOTOMETRIC CALCULATION
SHEET. FOR INFORMATION ONLY.**

Professional Engineer
46691
ADAM M.
BOWERS
Exp. 12-18
Exp. 9-30-19

Seal
Noted
12/18/19

PROJECT NAME:
HOMESTEAD AT MARLEY
PARK PHASE 4 & 5
PARCEL 9
WRIGHT ENG.
PROJECT NO: **18053**
DESIGN BY: NBG **PH-1**

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MARLEY PARK PAD PHASE 4 & 5

PARK A & MODEL COMPLEX

STREET LIGHT DESIGN

STREET LIGHTING REQUIREMENTS

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PRIOR TO ORDERING ANY MATERIALS OR DOING ANY WORK, THE CONTRACTOR SHOULD VERIFY DIMENSIONS AT THE SITE. IMMEDIATELY REPORT DIFFERENCES TO THE ENGINEERING MGR. AND SHOULD NOT PROCEED WITH WORK UNTIL THE ENGINEERING MGR. RENDERS A DECISION. NO EXTRA CHARGES OR COMPENSATION WILL BE ALLOWED FOR DIFFERENCES IN ACTUAL DIMENSIONS AND DIMENSIONS INDICATED ON THE DRAWINGS.

5.01 GENERAL:
THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH ALL LICENSING REQUIREMENTS SET FORTH BY THE STATE REGISTRAR OF CONTRACTORS OFFICE TO PERFORM WORK RELATING TO STREET LIGHT INSTALLATION IN THE CITY RIGHT-OF-WAY.
ONE PROJECT UNDERGROUND UTILITIES (RIGHT OF WAY) PERMIT AND ONE STREETLIGHT PERMIT FOR EACH STREET LIGHT POLE SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

5.02 WORKING / "AS BUILT" PLANS:
ACCEPTANCE OF THE COMPLETED IMPROVEMENTS WILL NOT BE GIVEN UNTIL 4 MIL PHOTO MYLAR REPRODUCIBLE "AS BUILT" PLANS HAVE BEEN SUBMITTED TO AND APPROVED BY THE CITY ENGINEER.

5.03 LIGHT POLES:
LIGHT POLES SHALL BE INSTALLED PLUMB, BE ADJUSTED TO PROVIDE PROPER ALIGNMENT TO THE ROADWAY BEING LIGHTED AND BE PROPERLY GROUNDED WHEN THE INSTALLATION IS COMPLETE.

5.04 EMBEDMENT:
DIRECT BURIED POLES SHALL BE SET IN A TWELVE (12) INCH AUGURED HOLE DEPTH AS SPECIFIED IN UNDISTURBED EARTH. POLE SHALL BE SET PLUMB IN TWO DIRECTIONS 90 DEGREES APART. HAND TAMPING OF ABC BACKFILL WITH PNEUMATIC OR VIBRATING EQUIPMENT IS THE ACCEPTABLE METHOD OF COMPACTION. BACKFILL SHALL BE COMPACTED TO 85% OF MAXIMUM DENSITY AS DEFINED BY ASTM D-2922 AND D-3017. A GROUND ROD SHALL BE INSTALLED ADJACENT TO PULL BOX IN UNDISTURBED SOIL AND A LEAD IN COPPER BOND WIRE (#6) SHALL BE INSTALLED IN 1" CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT (OR EQUAL) FOR POLE GROUNDING.
SURPLUS EXCAVATION SHALL BE DISPOSED OF BY THE CONTRACTOR.

5.05 LUMINAIRES:
LUMINAIRES SHALL BE INSTALLED LEVEL AND INCLUDE A LAMP AND PHOTOCCELL. CONTRACTOR SHALL ASSURE THAT THE LUMINAIRES SHALL BE FREE OF DUST, DIRT OR ANYTHING THAT WOULD IMPAIR THE OUTPUT OF THE LIGHT BEFORE HE LEAVES THE SITE.
LUMINAIRES FURNISHED WITH MULTI-TAP BALLASTS SHALL BE REWIRED OR RECONNECTED TO MATCH THE VOLTAGE SUPPLIED BY THE ELECTRIC UTILITY COMPANY.

5.06 WIRING:
WIRING SHALL BE INSTALLED PER UTILITY STANDARDS.

5.07 GROUNDING:
EACH POLE SHALL HAVE A 8' x 5/8" COPPER CLAD GROUND ROD DRIVEN ADJACENT TO PULL BOX. A #6 BARE COPPER LEAD FROM THE GROUND ROD IN PULL BOX TO LANDING LUG IN STREET LIGHT POLE HAND HOLE.

5.08 PULL BOXES:
EXCAVATION FOR PULL BOXES AND MATERIAL SPECIFICATION SHALL BE PER THE ELECTRIC UTILITY COMPANY STANDARDS.

5.09 TRENCH
TRENCH SHALL BE INSTALLED PER THE UTILITY COMPANY STANDARDS.

THE USE OF A COMMON ELECTRIC UTILITY COMPANY TRENCH IS PERMITTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE UTILITY COMPANY FOR COORDINATION OF TRENCHING AND THE INSTALLATION OF CONDUIT.

CONDUIT SHALL BE INSTALLED AT THE DEPTH SPECIFIED ON THE PLANS. CONDUIT SHALL BE 1 INCH CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT OR EQUAL. CONDUIT MUST BE UL RATED AND SUITABLE FOR UNDERGROUND USE.

CONNECTIONS SHALL BE PER UTILITY STANDARDS.
5.12 LIGHT POLE IDENTIFICATION:
THE CONTRACTOR SHALL FURNISH AND INSTALL A NUMBER ON EACH LIGHT POLE. STREET LIGHT POLE IDENTIFICATION AND SPECIFICATIONS WILL BE PROVIDED BY THE CITY OF SURPRISE.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO RESTORE ALL PROPERTY, LANDSCAPING, PAVING AND DRIVEWAYS THAT ARE DISTURBED DURING STREET LIGHT CONSTRUCTION TO THEIR ORIGINAL CONDITION IN CONFORMANCE WITH "MAG" SPECIFICATION SECTION 107.9.

THE DEVELOPER SHALL BE RESPONSIBLE FOR FURNISHING ALL PERSONNEL AND EQUIPMENT TO SUCCESSFULLY PERFORM THE FOLLOWING TEST.

PRIOR TO ACCEPTANCE, THE DEVELOPER SHALL ENERGIZE AND OPERATE THE ENTIRE ROADWAY LIGHTING SYSTEM, FROM SUNSET TO SUNRISE FOR TWO CONSECUTIVE DAYS WITHOUT INTERRUPTION OR FAILURE. IF A LAMP OR BALLAST SHOULD FAIL, IT SHALL BE IMMEDIATELY REPLACED.

THE CONTRACTOR SHALL GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE ENGINEERING MANAGER, AGAINST IMPERFECT WORKMANSHIP, FAILURE, MALFUNCTION OF MATERIALS AND/OR EQUIPMENT DUE TO FAULTY OR IMPERFECT WORKMANSHIP. THIS GUARANTEE IS TO BE IN WRITING TO THE CITY AT THE TIME OF ISSUING FINAL ACCEPTANCE. WORK FOUND TO BE DEFECTIVE WITHIN THE WARRANTY PERIOD SHALL BE REPLACED WITHOUT COST TO THE CITY.

GENERAL ENGINEERING NOTES:

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- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL OVERHEAD AND UNDERGROUND UTILITY LOCATIONS WHERE CONSTRUCTION OCCURS. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT ALL UTILITIES ARE AVOIDED. UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND NOT FOR CONSTRUCTION PURPOSES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AND OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT ARIZONA UNDERGROUND FACILITIES LAWS (ARIZONA REVISED STATUTES TITLE 40, CHAPTER 2, ARTICLE 6.3, SECTION 40-360.21-32). CALL ARIZONA 811 FOR FIELD LOCATION BY DIAL 811.
- THE CITY OF SURPRISE ENGINEERING SERVICES OF PUBLIC WORKS SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK AT 623-222-6150.
- THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION OR VARIATION FROM THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE PROPOSED AND RESUBMITTED FOR REVIEW AND APPROVAL.
- THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE DRAWING, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE. EXISTING SURFACE FEATURES AND FENCING SHALL BE REPLACED IN KIND.
- ANY INSPECTION BY THE CITY, COUNTY, OR THE ENGINEER, SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE APPLICABLE CODES AND AGENCY REQUIREMENTS.
- THE CONTRACTOR IS TO LOCATE ALL EXISTING LANDSCAPING, LANDSCAPING IRRIGATION LINES, PROPERTY MONUMENTS, FENCING OR SURFACE FEATURES PRIOR TO CONSTRUCTION. ANYTHING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
- NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
- ALL CONSTRUCTION WATER USED WITHIN THE CITY OF SURPRISE WATER SERVICE AREA REQUIRES APPROVAL BY THE CITY OF SURPRISE PUBLIC WORKS DEPARTMENT AND MAY BE SUBJECT TO VOLUME AND TIME RESTRICTIONS. PLEASE SEE THE CITY OF SURPRISE CONSTRUCTION WATER GUIDELINES FOR ADDITIONAL INFORMATION. THE GUIDELINES CAN BE OBTAINED FROM THE PUBLIC WORKS DEPARTMENT AT 623-222-6000.
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- THE PLANS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT'S ACCESSIBILITY GUIDELINES, AS PUBLISHED IN THE FEDERAL REGISTER ON SEPTEMBER 15, 2010.

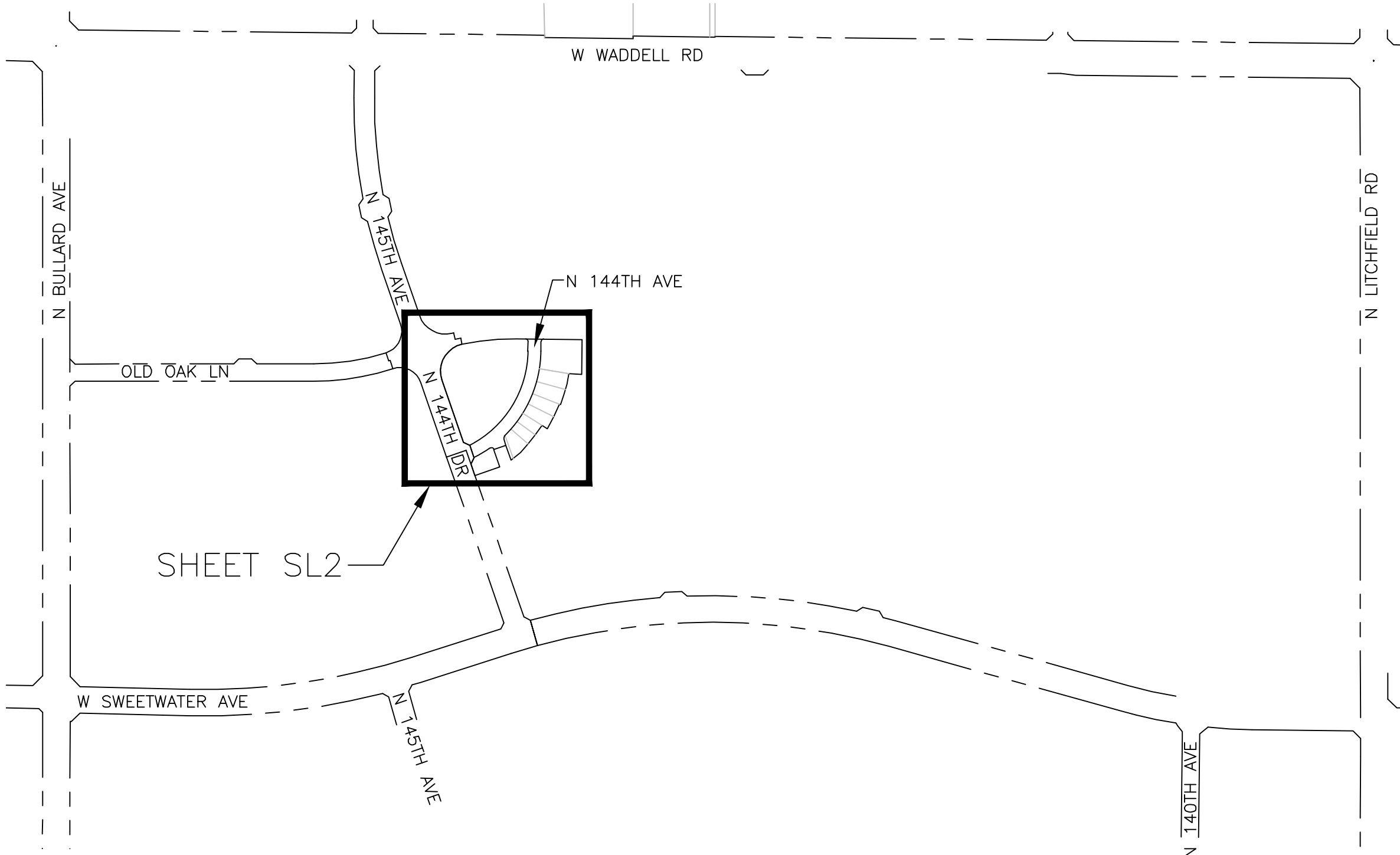
UTILITIES WITHIN OR AFFECTED BY THE PROJECT		
UTILITY CONTACT	DATE SUBMITTED	
ARIZONA PUBLIC SERVICE	4/06/2018	
CENTURY LINK	4/06/2018	
COX COMMUNICATIONS	4/06/2018	
COS WATER	4/06/2018	
SOUTHWEST GAS	4/06/2018	

NOTE

THE ELECTRICAL/MAINTENANCE COSTS OF ALL STREET LIGHTS ON LOCAL AND COLLECTOR STREETS (TYPICALLY THE 100 WATT / 9,500 LUMEN AND THE 150 WATT /16,000 LUMEN FIXTURES) ARE TO BE PAID BY THE ADJACENT PROJECT OR THE ADJACENT DEVELOPMENT'S STREET LIGHT IMPROVEMENT DISTRICT (SLID). THE ELECTRICAL / MAINTENANCE COSTS OF ALL STREET LIGHTS ON ARTERIAL STREETS (TYPICALLY THE 250 WATT/ 30,000 LUMEN FIXTURES) ARE TO BE BILLED TO THE CITY OF SURPRISE'S ENERGY BILL.

LED NOTE

LED TECHNOLOGY IS CHANGING RAPIDLY. THE FIXTURES SHOWN ON THESE PLANS MAY NOT BE APPLICABLE AT TIME OF CONSTRUCTION. CONTRACTOR TO COORDINATE WITH APS AND UTILIZE THEIR CURRENT SPECIFICATION AT THE TIME OF BIDDING AND CONSTRUCTION.



KEY MAP

N.T.S.



CIVIL ENGINEER
EPS GROUP, INC.
2045 S. VINEYARD, SUITE 101
MESA, AZ 85210
PHONE: (480) 503-2250
CONTACT: JOHN MCGHEE, P.E.

OWNER
MERITAGE HOMES
8800 E RAINTREE DR, SUITE 300
SCOTTSDALE, AZ 85260
PHONE: (480) 515-8251
CONTACT: JASON JARVIS

CITY OF SURPRISE ENGINEER

DATE

STREET LIGHTING (APS AREA)															
KEY NO.	SYMBOL	STREET TYPE	OFFSET BEHIND B/C	QUANTITY	POLE		MAST ARM	LUMINAIRE						APS STANDARD CODE NO.	
					POLE HEIGHT	FOUNDATION		SIZE	MOUNTING HEIGHT	LUMENS	WATTAGE	I.E.S. DIST.	VOLTAGE		TYPE
①		LOCAL	PER PLANS	4	38'-0"	DIRECT BURY	2'-0"	31'-6"	4,800	41 W	TYPE II	*	LED	ARCHITECTURAL (SHOEBOX)	8030.S2.RL43

*PER UTILITY COMPANY REQUIREMENTS



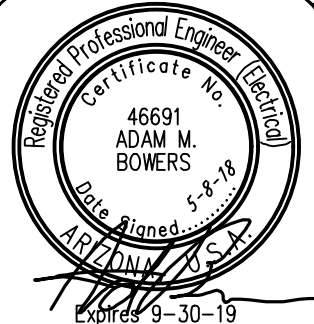
WRIGHT ENGINEERING
PROJECT NO:
18053-01
DESIGN BY: JKS
DRAWN BY: JKS
CHECKED BY: AMB

WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:

SURPRISE, ARIZONA
MARLEY PARK PHASE 4 & 5
PARK A & MODEL COMPLEX
STREET LIGHT COVER SHEET

NO.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
1	FEB 2018	1ST SUBMITTAL
2	APR 2018	2ND SUBMITTAL



DRAWING NO:
SL1
OF 2

H:\2018\18053-Marley Park Phase 4.5\18053-Park_A-SL.dwg

CONSTRUCTION NOTES

- ## LEGEND

- 41W LED Shoebox
Type II Distribution
candela file "erl1_05e130-120-277v_tcm201-103950 (11).ies"
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 41
mounting height = 31.5 ft
number locations = 4, number luminaires = 4
kw all locations = 0.2

31.5'

31'

GRAPHIC SCALE

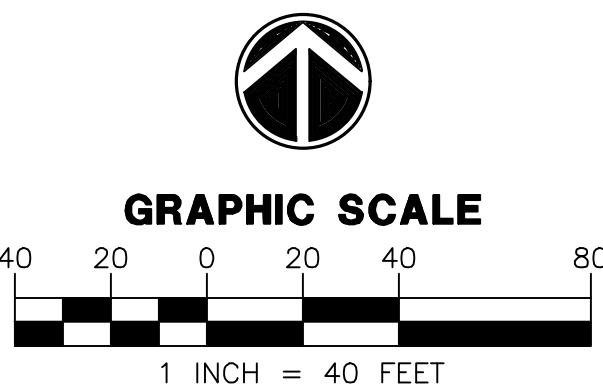
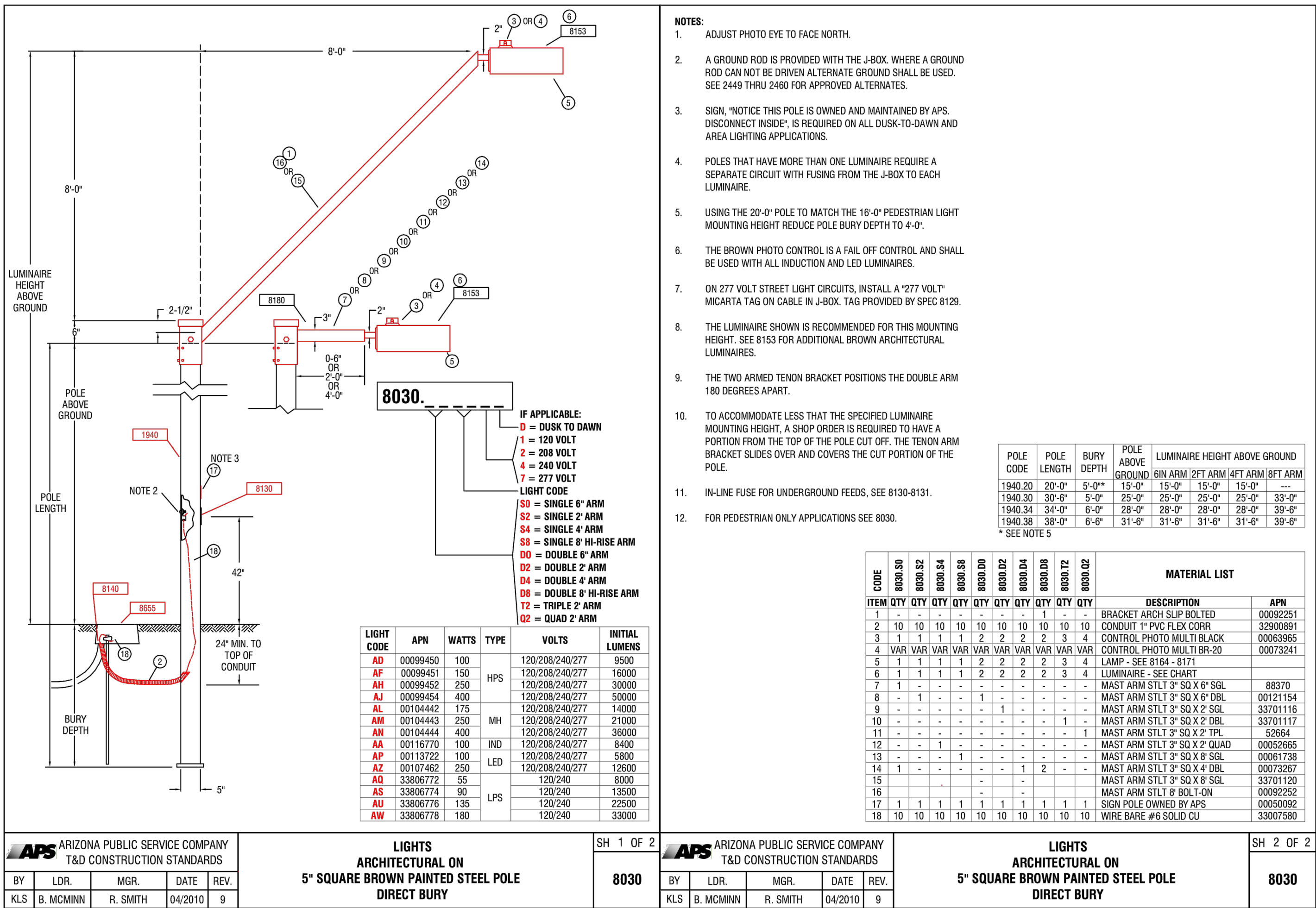
30 15 0 15 30 60

1 INCH = 30 FEET

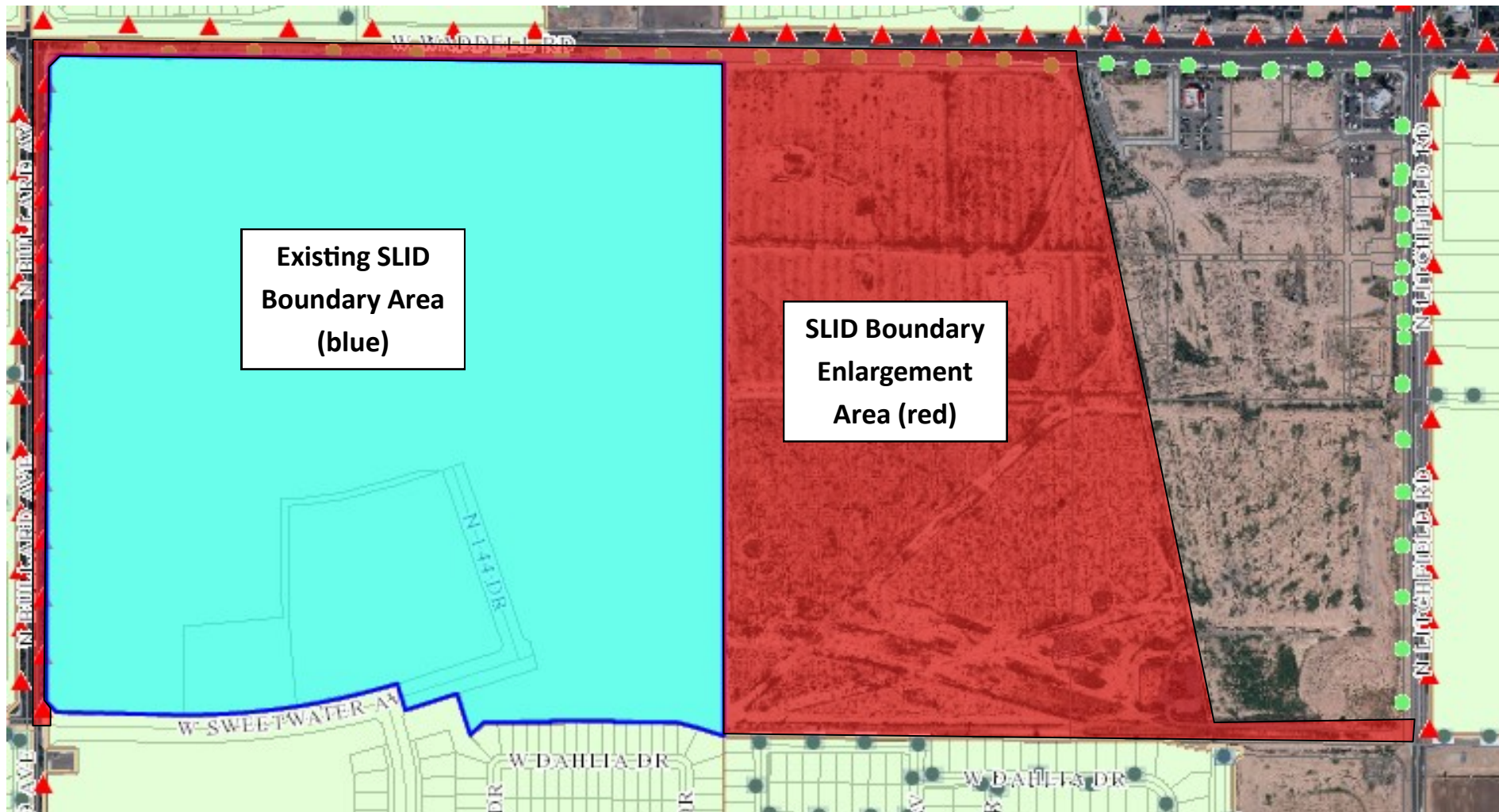
210'

ROADWAY GRID												
0.93	0.60	0.30	0.19	0.15	0.12	0.12	0.12	0.15	0.19	0.30	0.60	0.93
1.15	0.64	0.34	0.22	0.20	0.15	0.13	0.15	0.20	0.22	0.34	0.64	1.15
1.16	0.57	0.32	0.24	0.21	0.15	0.13	0.15	0.21	0.24	0.32	0.57	1.16
1.26	0.59	0.26	0.23	0.17	0.12	0.09	0.12	0.17	0.23	0.26	0.59	1.26

Average	0.40
Maximum	1.26
Minimum	0.09
Avg:Min	4.49
Max:Min	14.00
Coef Var	0.86
UnifGrad	2.27



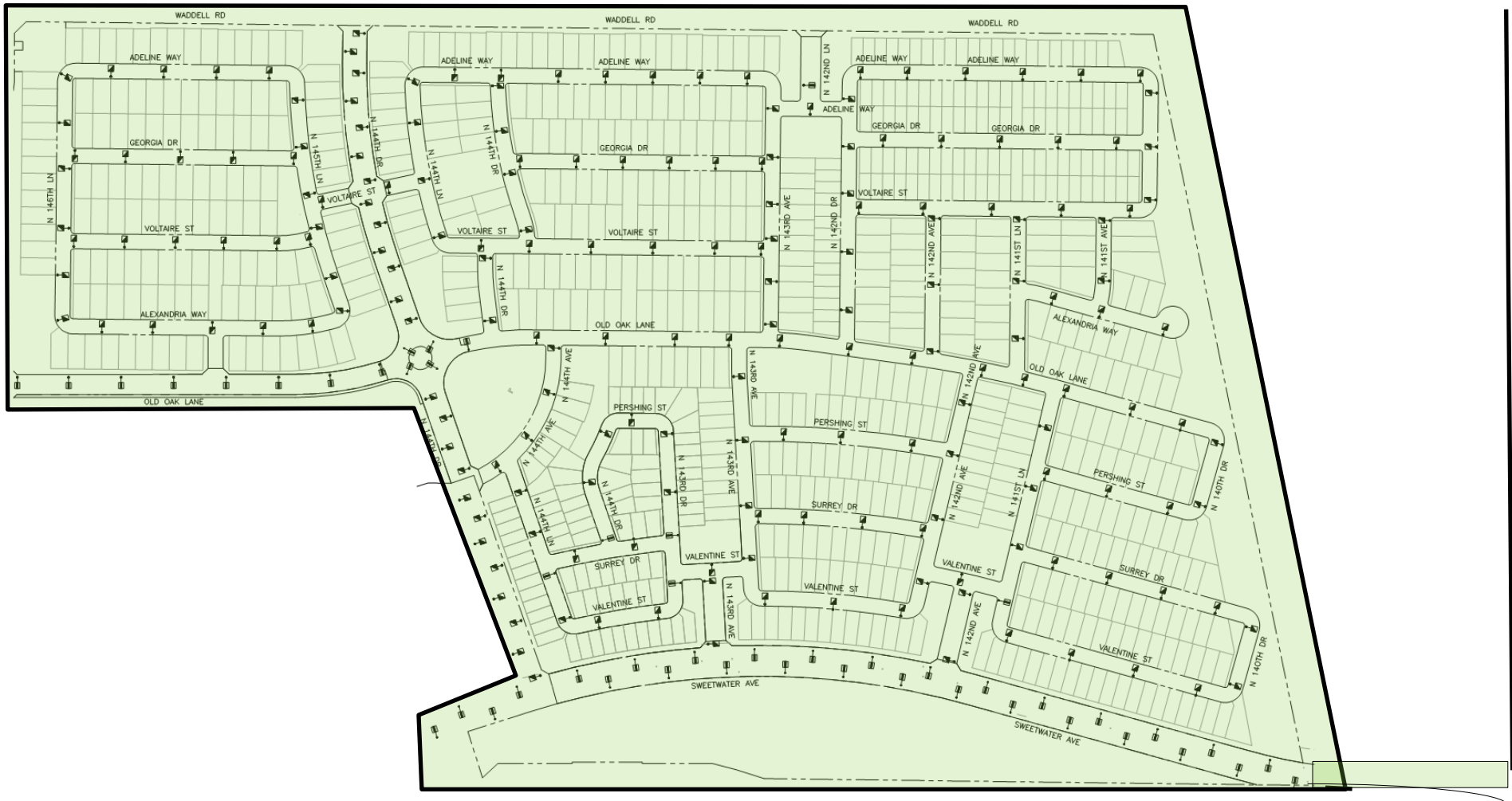
ARIZONA BLUE STAKE
CALL TWO WORKING DAYS
BEFORE YOU DIG
Dial 811 or
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)



Marley Park Phase 4 & 5

Street Lights:

-  Street Light Pole
- 250 poles (estimated)
-  SLID Boundary



MARLEY PARK PAD PHASE 4 & 5

144TH DR STREET LIGHT DESIGN

STREET LIGHTING REQUIREMENTS

5.00 GENERAL NOTES:

THE FOLLOWING INFORMATION IS PROVIDED TO EMPHASIZE CRITICAL WORK AND IS INTENDED TO SUPPLEMENT THE SPECIFICATIONS. SHOULD THERE BE A CONFLICT WITH THE SPECIFICATIONS, THIS DOCUMENT SHALL TAKE PRECEDENCE.

ALTERNATES SHALL BE PRE-APPROVED BY THE CITY ENGINEERING MANAGER. APPROVAL OF ALTERNATE PRODUCTS SHALL BE ON AN EQUAL BASIS WITH THE PRODUCT SPECIFIED AND SHALL BE SUBMITTED A MINIMUM OF TEN (10) DAYS PRIOR TO BID OPENING. STRUCTURAL CALCULATIONS SHALL BE FURNISHED FOR ALTERNATE PRODUCTS AND CERTIFIED BY A STRUCTURAL ENGINEER, REGISTERED IN THE STATE OF ARIZONA. LUMINAIRES AND LAMPS SHALL MEET OR EXCEED THE PHOTOMETRIC, ELECTRICAL, AND MECHANICAL REQUIREMENTS FOR THE SPECIFIED PRODUCTS.

THE CONTRACTOR SHALL COMPLY WITH STATE AND CITY STATUTES, AND MANUFACTURER'S RECOMMENDATIONS.

THE SUBMITTAL PACKAGE SHALL CONSIST OF THREE (3) COPIES OF EQUIPMENT/MATERIAL TO BE INSTALLED AND SHALL BE BOUND/STAPLED IN A FOLDER AND SUBMITTED AT THE TIME OF PERMIT APPLICATION.

PRIOR TO SUBMITTING A PROPOSAL, THE BIDDER SHALL EXAMINE ALL GENERAL CONSTRUCTION DRAWINGS AND VISIT THE CONSTRUCTION SITE TO BECOME FAMILIAR WITH EXISTING CONDITIONS UNDER WHICH HE WILL OPERATE AND WHICH WILL IN ANY WAY AFFECT THE WORK UNDER THE CONTRACT. NO SUBSEQUENT ALLOWANCE WILL BE MADE IN THIS CONNECTION IN THE BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLIGENCE ON HIS PART.

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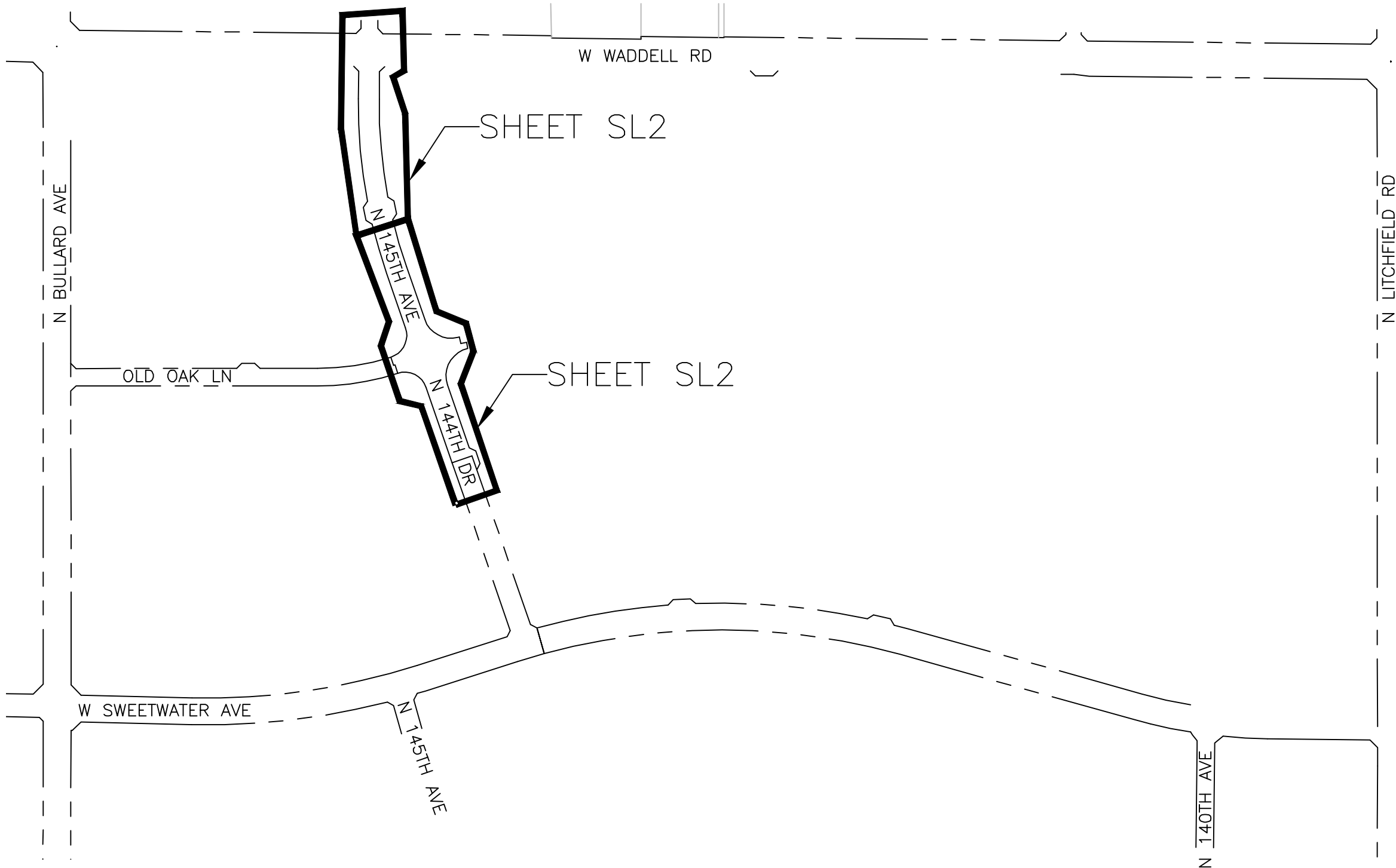
UTILITIES WITHIN OR AFFECTED BY THE PROJECT		
UTILITY CONTACT	DATE SUBMITTED	
ARIZONA PUBLIC SERVICE	01/02/2018	
CENTURY LINK	01/02/2018	
COX COMMUNICATIONS	01/02/2018	
COS WATER	01/02/2018	
SOUTHWEST GAS	01/02/2018	

NOTE

THE ELECTRICAL/MAINTENANCE COSTS OF ALL STREET LIGHTS ON LOCAL AND COLLECTOR STREETS (TYPICALLY THE 100 WATT / 9,500 LUMEN AND THE 150 WATT /16,000 LUMEN FIXTURES) ARE TO BE PAID BY THE ADJACENT PROJECT OR THE ADJACENT DEVELOPMENT'S STREET LIGHT IMPROVEMENT DISTRICT (SLID). THE ELECTRICAL / MAINTENANCE COSTS OF ALL STREET LIGHTS ON ARTERIAL STREETS (TYPICALLY THE 250 WATT/ 30,000 LUMEN FIXTURES) ARE TO BE BILLED TO THE CITY OF SURPRISE'S ENERGY BILL.

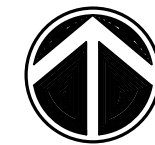
LED NOTE

LED TECHNOLOGY IS CHANGING RAPIDLY. THE FIXTURES SHOWN ON THESE PLANS MAY NOT BE APPLICABLE AT TIME OF CONSTRUCTION. CONTRACTOR TO COORDINATE WITH APS AND UTILIZE THEIR CURRENT SPECIFICATION AT THE TIME OF BIDDING AND CONSTRUCTION.



KEY MAP

N.T.S.



CITY OF SURPRISE APPROVAL

THIS SET OF PLANS HAS BEEN REVIEWED FOR COMPLIANCE WITH CITY REQUIREMENTS PRIOR TO ISSUANCE OF PERMITS. THE CITY NEITHER ACCEPTS NOR ASSUMES ANY LIABILITY FOR ERRORS OR OMISSIONS. THIS COMPLIANCE APPROVAL SHALL NOT PREVENT THE CITY ENGINEER FROM REQUIRING CORRECTIONS OF ERRORS OR OMISSIONS IN PLANS FOUND TO BE IN VIOLATION OF LAW OR ORDINANCES.

CITY OF SURPRISE ENGINEER

DATE

STREET LIGHTING (APS AREA)																
KEY NO.	SYMBOL	STREET TYPE	OFFSET BEHIND B/C	QUANTITY	POLE		MAST ARM	LUMINAIRE							APS STANDARD CODE NO.	
					POLE HEIGHT	FOUNDATION		SIZE	MOUNTING HEIGHT	LUMENS	WATTAGE	I.E.S. DIST.	VOLTAGE	TYPE		STYLE
①		COLLECTOR	PER PLANS	5	38'-0"	DIRECT BURY	4'-0"	31'-6"	8,200	88 W	TYPE II	*	LED	ARCHITECTURAL (SHOEBOX)	8030.S4.RL42	
②		COLLECTOR	PER PLANS	17	38'-0"	DIRECT BURY	4'-0"	31'-6"	4,800	41 W	TYPE II	*	LED	ARCHITECTURAL (SHOEBOX)	8030.S4.RL41	

*PER UTILITY COMPANY REQUIREMENTS

CIVIL ENGINEER
WOOD, PATEL & ASSOCIATES, INC
2051 W NORTHERN AVE, #100
PHOENIX, AZ 85051
PHONE: (602) 335-8500
FAX: (602) 335-8580
CONTACT: ETHAN BOYLE, P.E.

OWNER
MERITAGE HOMES
8800 E RAINTREE DR, SUITE 300
SCOTTSDALE, AZ 85260
PHONE: (480) 515-8251
CONTACT: EVAN BILTON, FORWARD PLANNER

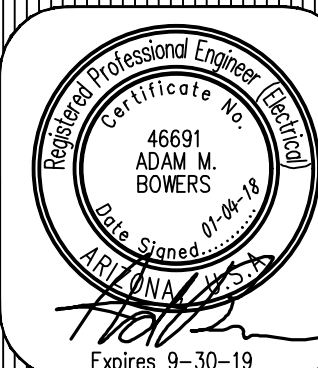
WRIGHT ENGINEERING
PROJECT NO:
17234-02
DESIGN BY: JKS
DRAWN BY: JKS
CHECKED BY: AMB

WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:

SURPRISE, ARIZONA
MARLEY PARK
144TH DRIVE
STREET LIGHT COVER SHEET

NO.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
1	OCT 2017	1ST SUBMITTAL
2	JAN 2018	2ND SUBMITTAL



DRAWING NO:
SL1
OF 3

ARIZONA BLUE STAKE
CALL TWO WORKING DAYS
BEFORE YOU DIG
Dial 811 or
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

8'-0"

8'-0"

2-1/2"

3"

6-6"

2-0"

4-0"

1940

8130

NOTE 2

NOTE 3

42"

24" MIN. TO TOP OF CONSTRUCTION

BURY DEPTH

5'

8030

IF APPLICABLE:

D = DUSK TO DAWN

1 = 120 VOLT

2 = 208 VOLT

4 = 240 VOLT

7 = 277 VOLT

LIGHT CODE

S1 = SINGLE 6" ARM

S2 = SINGLE 2" ARM

S4 = SINGLE 4" ARM

S8 = SINGLE 8" HI-RISE ARM

D0 = DOUBLE 6" ARM

D2 = DOUBLE 2" ARM

D4 = DOUBLE 4" ARM

D8 = DOUBLE 8" HI-RISE ARM

T2 = TRIPLE 2" ARM

Q2 = QUAD 2" ARM

LIGHT CODE	APH	WATTS	TYPE	VOLTS	INITIAL LUMENS
AD	00098450	100		120/208/240/277	9500
AF	00098461	150		120/208/240/277	16000
AH	00098452	250	HPS	120/208/240/277	30000
AJ	00098454	400		120/208/240/277	50000
AL	00104442	175		120/208/240/277	14000
AM	00104443	250		120/208/240/277	21000
AN	00104444	400	MH	120/208/240/277	35000
AA	00116770	100	IND	120/208/240/277	8400
AP	00113722	100	LED	120/208/240/277	5800
AZ	00107462	250		120/208/240/277	12600
AW	33806772	55		120/240	8000
AS	33806774	90		120/240	13500
AU	33806776	135		120/240	22500
AV	33806778	180		120/240	33000



ROADWAY SCALEABLE LED 3000K						
LIGHT CODE	COLOR	APN	WATTS	VOLTS	INITIAL LUMENS	PHOTOMETRIC CURVE
RL40	DKBZ	00141047	32	120/208/240/277	3,800	ERL1_048130_120-277VIES
RL41		00141048	41	120/208/240/277	4,800	ERL1_05E130_120-277VIES
RL42		00141049	88	120/208/240/277	8,200	ERL1_08E130_120-277VIES
RL43		00141050	108	120/208/240/277	11,000	ERS1_11E130_120-277VIES
RL44		00141051	162	120/208/240/277	19,000	ERS2_19E130_120-277VIES

- ① (1) 88W LED (8,200 LUMEN) FIXTURE (LIGHT CODE RL42) WITH PHOTOELECTRIC CONTROL ON A 38"-0" DIRECT BURIED POLE (1940.38) WITH A 4" MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL2). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.
- ② (1) 41W LED (4,800 LUMEN) FIXTURE (LIGHT CODE RL41) WITH PHOTOELECTRIC CONTROL ON A 38"-0" DIRECT BURIED POLE (1940.38) WITH A 4" MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL2). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.
- ③ INSTALL APS PULL BOX NEXT TO POLE. INSTALL 1" CONDUIT WITH (2) #14 TYPE THHN/THWN AND (1) #14 BARE BOND FROM PULL BOX TO FUSE HOLDER IN STREET LIGHT PER APS DETAILS AND SPECIFICATIONS.
- ④ CONTRACTOR SHALL USE EXTREME CAUTION WHILE EXCAVATING DUE TO CLOSE PROXIMITY TO UNDERGROUND UTILITY LINE.
- ⑤ STREET LIGHT TO BE INSTALLED PER SEPARATE PLAN SET. SHOWN FOR REFERENCE ONLY.

	4W LED SHOEBOX STREET LIGHT
	88W LED SHOEBOX STREET LIGHT
	STREET LIGHT PER SEPARATE PLAN
	STREET LIGHT PER SEPARATE PLAN
	EXISTING SHOEBOX STREET LIGHT
	EXISTING COBRAHEAD STREET LIGHT
	PULL BOX
	NEW CONDUIT RUN
	FIRE HYDRANT

1. ADJUST PHOTO EYE TO FACE NORTH.
2. A GROUND ROD IS PROVIDED WITH THE J-BOX. WHEN A GROUND ROD CAN NOT BE DRIVEN ALTERNATE GROUND SHALL BE USED. SEE 2449 THRU 2460 FOR APPROVED ALTERNATES.
3. SIGN, "NOTICE THIS POLE IS OWNED AND MAINTAINED BY APS DISCONNECT INSIDE" IS REQUIRED ON ALL DUSK-TO-DAWN AND AREA LIGHTING APPLICATIONS.
4. POLES THAT HAVE MORE THAN ONE LUMINAIRE REQUIRE A SEPARATE CIRCUIT WITH FUSING FROM THE J-BOX TO EACH LUMINAIRE.
5. USING THE 20'-0" POLE TO MATCH THE 18'-0" PEDESTRIAN LIGHT MOUNTING HEIGHTS REDUCE POLE BURY DUE TO 4'-0".
6. THE BROWN PHOTO CONTROL IS A FAIL OFF CONTROL AND SHALL BE USED WITH ALL INDUCTION AND LED LUMINAIRES.
7. ON 277 VOLT STREET LIGHT CIRCUITS, INSTALL A "277 VOLT" MISCARTA TAG ON CABLE IN J-BOX. TAG PROVIDED BY SPEC 8129.
8. THE LUMINAIRE SHOWN IS RECOMMENDED FOR THIS MOUNTING HEIGHT. SEE 8153 FOR ADDITIONAL BROWN ARCHITECTURAL LUMINAIRES.
9. THE TWO ARMED TERN BRACKET POSITIONS THE DOUBLE ARM 180 DEGREES APART.
10. TO ACCOMMODATE LESS THAN THE SPECIFIED LUMINAIRE MOUNTING HEIGHT, A SHOT ORDER IS REQUIRED TO HAVE A PORTION FROM THE TOP OF THE POLE CUT OFF. THE TERN ARM BRACKET SLIDES OVER AND COVERS THE CUT PORTION OF THE POLE.
11. IN-LINE FUSE FOR UNDERGROUND FEEDS, SEE 8130-8131.
12. FOR PEDESTRIAN ONLY APPLICATIONS SEE 8030.

POLE CODE	POLE LENGTH	BURY DEPTH	POLE ABOVE GROUND	LUMINAIRE HEIGHT ABOVE GROUND			
				6IN ARM	2FT ARM	4FT ARM	8FT ARM
1940.20	20'-0"	5'-0"	15'-0"	15'-0"	15'-0"	15'-0"	---
1940.30	30'-6"	5'-0"	25'-0"	25'-0"	25'-0"	25'-0"	33'-0"
1940.34	34'-0"	6'-0"	28'-0"	28'-0"	28'-0"	28'-0"	39'-6"
1940.38	38'-0"	6'-6"	31'-6"	31'-6"	31'-6"	31'-6"	39'-6"

															MATERIAL LIST		
CODE		8030.50		8030.52		8030.54		8030.58		8030.60		8030.62		8030.62			
ITEM	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	DESCRIPTION	APN	
1															BRACKET ARCH SPL BOLTED	0009225	
2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	CONDUIT 1" PVC FLEX CORR	32900891	
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	CONTROL PHOTO MULL BLACK	00063865	
4	VAR	VAR	VAR	VAR	VAR	VAR	VAR	VAR	VAR	VAR	VAR	VAR	VAR	VAR	CONTROL PHOTO MULL BR-20	00073241	
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	LAMP - SEE 6164 - 6171		
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	LUMINAIRE - SEE CHART		
7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	MAST ARM STL 3" SQ X 6" SGL	88370	
8	-	1	-	-	-	-	-	-	-	-	-	-	-	-	MAST ARM STL 3" SQ X 6" DBL	01211154	
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	MAST ARM STL 3" SQ X 2" SGL	33701116	
10	-	-	-	-	-	-	-	-	-	1	-	-	-	-	MAST ARM STL 3" SQ X 2" DBL	03211711	
11	-	-	-	-	-	-	-	-	-	1	MAST ARM STL 3" SQ X 2" TPL				50664		
12	-	-	-	-	-	-	-	-	-	-	MAST ARM STL 3" SQ X 2" BLAD				00052665		
13	-	-	-	-	-	-	-	-	-	-	MAST ARM STL 3" SQ X 8" SGL				00061738		
14	-	-	-	-	-	-	-	-	1	2	-	-	-	-	MAST ARM STL 3" SQ X 4" DBL	00072667	
15	-	-	-	-	-	-	-	-	-	-	MAST ARM STL 3" SQ X 8" SGL				33701120		
16	-	-	-	-	-	-	-	-	-	-	MAST ARM STL 3" BOLT ON				00052622		
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	SIGN POLE OWNED BY APS	00050592	
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	WIRE BARE #6 SLD CU	33007360	



ARIZONA PUBLIC SERVICE COMPANY
T&D CONSTRUCTION STANDARDS

BY	LDR.	MGR.	DATE	REV.
KL	B. MCMINN	R. SMITH	04/20/10	3

LIGHTS

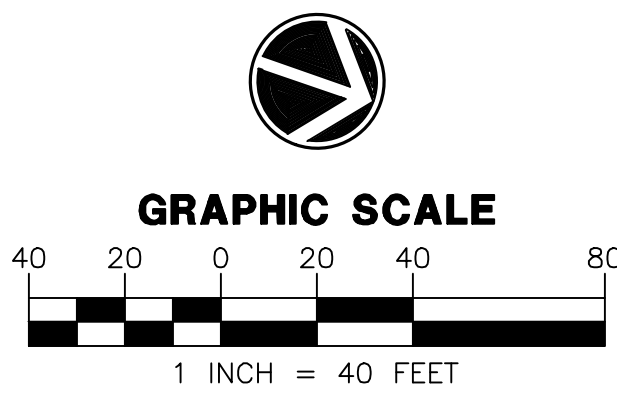
ARCHITECTURAL ON

5" SQUARE BROWN PAINTED STEEL POLE

DIRECT BURY

SH 2 OF 2

8030



ARIZONA BLUE STAKE
CALL TWO WORKING DAYS
BEFORE YOU DIG
Dial 811 or
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

WRIGHT ENGINEERING
PROJECT NO:
17234-02

DESIGN BY: JKS

DRAWN BY: JKS

CHECKED BY: AMB

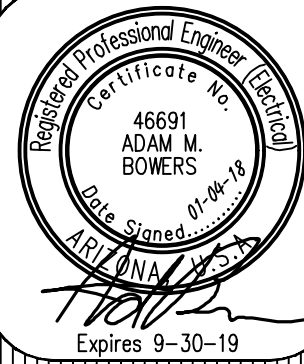
WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA, 85225
PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:

SURPRISE, ARIZONA
MARLEY PARK
144TH DRIVE

STREET LIGHT PLAN

C.C.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
	OCT 2017	1ST SUBMITTAL
	JAN 2018	2ND SUBMITTAL

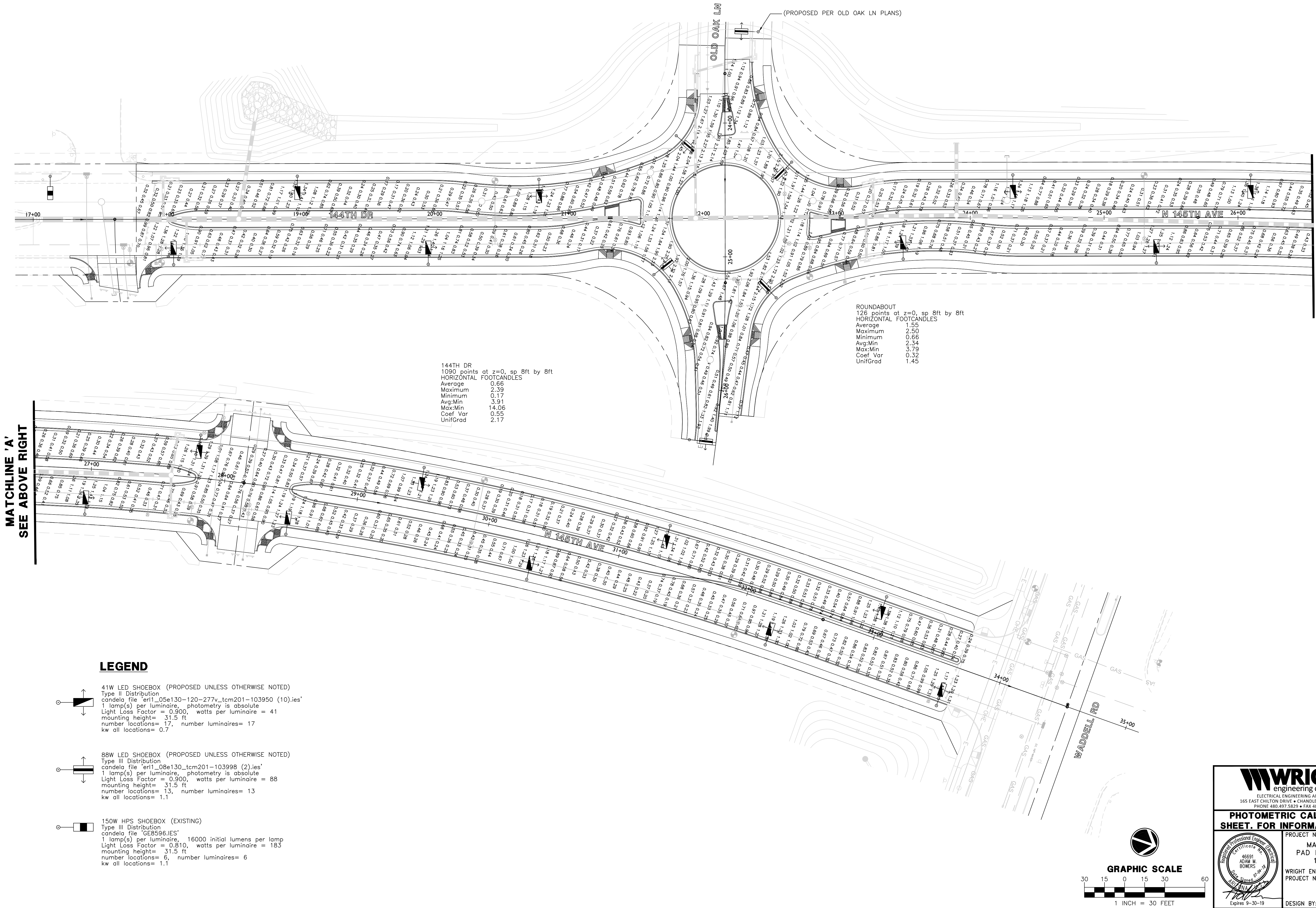


DRAWING NO:
SL2
OF 3

H:\2017\17234-Marley Park Phases 4 & 5\17234-144th-Dr-SL.dwg

MATCHLINE 'A'
SEE ABOVE RIGHT

MATCHLINE 'A'
SEE BELOW LEFT



WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807

PHOTOMETRIC CALCULATION SHEET. FOR INFORMATION ONLY.
PROJECT NAME:
MARLEY PARK
PAD PHASE 4 & 5
144TH DR
WRIGHT ENG.
PROJECT NO: 17234-02
DESIGN BY: JKS **SL3**

Professional Engineer
No. 46691
ADAM W. BOWERS
Exp. 9-30-19

Notary Public
No. 11418
Exp. 12-31-18

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MARLEY PARK PAD PHASE 4 & 5

OLD OAK LN

STREET LIGHT DESIGN

STREET LIGHTING REQUIREMENTS

5.00 GENERAL NOTES:

THE FOLLOWING INFORMATION IS PROVIDED TO EMPHASIZE CRITICAL WORK AND IS INTENDED TO SUPPLEMENT THE SPECIFICATIONS. SHOULD THERE BE A CONFLICT WITH THE SPECIFICATIONS, THIS DOCUMENT SHALL TAKE PRECEDENCE.

ALTERNATES SHALL BE PRE-APPROVED BY THE CITY ENGINEERING MANAGER. APPROVAL OF ALTERNATE PRODUCTS SHALL BE ON AN EQUAL BASIS WITH THE PRODUCT SPECIFIED AND SHALL BE SUBMITTED A MINIMUM OF TEN (10) DAYS PRIOR TO BID OPENING. STRUCTURAL CALCULATIONS SHALL BE FURNISHED FOR ALTERNATE PRODUCTS AND CERTIFIED BY A STRUCTURAL ENGINEER, REGISTERED IN THE STATE OF ARIZONA. LUMINAIRES AND LAMPS SHALL MEET OR EXCEED THE PHOTOMETRIC, ELECTRICAL, AND MECHANICAL REQUIREMENTS FOR THE SPECIFIED PRODUCTS.

THE CONTRACTOR SHALL COMPLY WITH STATE AND CITY STATUTES, AND MANUFACTURER'S RECOMMENDATIONS.

THE SUBMITTAL PACKAGE SHALL CONSIST OF THREE (3) COPIES OF EQUIPMENT/MATERIAL TO BE INSTALLED AND SHALL BE BOUND/STAPLED IN A FOLDER AND SUBMITTED AT THE TIME OF PERMIT APPLICATION.

PRIOR TO SUBMITTING A PROPOSAL, THE BIDDER SHALL EXAMINE ALL GENERAL CONSTRUCTION DRAWINGS AND VISIT THE CONSTRUCTION SITE TO BECOME FAMILIAR WITH EXISTING CONDITIONS UNDER WHICH HE WILL OPERATE AND WHICH WILL IN ANY WAY AFFECT THE WORK UNDER THE CONTRACT. NO SUBSEQUENT ALLOWANCE WILL BE MADE IN THIS CONNECTION IN THE BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLIGENCE ON HIS PART.

PRIOR TO ORDERING ANY MATERIALS OR DOING ANY WORK, THE CONTRACTOR SHOULD VERIFY DIMENSIONS AT THE SITE. IMMEDIATELY REPORT DIFFERENCES TO THE ENGINEERING MGR. AND SHOULD NOT PROCEED WITH WORK UNTIL THE ENGINEERING MGR. RENDERS A DECISION. NO EXTRA CHARGES OR COMPENSATION WILL BE ALLOWED FOR DIFFERENCES IN ACTUAL DIMENSIONS AND DIMENSIONS INDICATED ON THE DRAWINGS.

5.01 GENERAL:

THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH ALL LICENSING REQUIREMENTS SET FORTH BY THE STATE REGISTRAR OF CONTRACTORS OFFICE TO PERFORM WORK RELATING TO STREET LIGHT INSTALLATION IN THE CITY RIGHT-OF-WAY.

ONE PROJECT UNDERGROUND UTILITIES (RIGHT OF WAY) PERMIT AND ONE STREETLIGHT PERMIT FOR EACH STREET LIGHT POLE SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

5.02 WORKING / "AS BUILT" PLANS:

ACCEPTANCE OF THE COMPLETED IMPROVEMENTS WILL NOT BE GIVEN UNTIL 4 MIL PHOTO MYLAR REPRODUCIBLE "AS BUILT" PLANS HAVE BEEN SUBMITTED TO AND APPROVED BY THE CITY ENGINEER.

5.03 LIGHT POLES:

LIGHT POLES SHALL BE INSTALLED PLUMB, BE ADJUSTED TO PROVIDE PROPER ALIGNMENT TO THE ROADWAY WHEN LIGHTED AND BE PROPERLY GROUNDED WHEN THE INSTALLATION IS COMPLETE.

5.04 EMBEDMENT:

DIRECT BURIED POLES SHALL BE SET IN A TWELVE (12) INCH AUGURED HOLE DEPTH AS SPECIFIED IN UNDISTURBED EARTH. POLE SHALL BE SET PLUMB IN TWO DIRECTIONS 90 DEGREES APART. HAND TAMPING OF ABC BACKFILL WITH PNEUMATIC OR VIBRATING EQUIPMENT IS THE ACCEPTABLE METHOD OF COMPACTION. BACKFILL SHALL BE COMPACTED TO 85% OF MAXIMUM DENSITY AS DEFINED BY ASTM D-2922 AND D-3017. A GROUND ROD SHALL BE INSTALLED ADJACENT TO PULL BOX IN UNDISTURBED SOIL AND A LEAD IN COPPER BOND WIRE (#6) SHALL BE INSTALLED IN 1" CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT (OR EQUAL) FOR POLE GROUNDING.

SURPLUS EXCAVATION SHALL BE DISPOSED OF BY THE CONTRACTOR.

5.05 LUMINAIRES:

LUMINAIRES SHALL BE INSTALLED LEVEL AND INCLUDE A LAMP AND PHOTOCCELL. CONTRACTOR SHALL ASSURE THAT THE LUMINAIRES SHALL BE FREE OF DUST, DIRT OR ANYTHING THAT WOULD IMPAIR THE OUTPUT OF THE LIGHT BEFORE HE LEAVES THE SITE.

LUMINAIRES FURNISHED WITH MULTI-TAP BALLASTS SHALL BE REWIRED OR RECONNECTED TO MATCH THE VOLTAGE SUPPLIED BY THE ELECTRIC UTILITY COMPANY.

5.06 WIRING:

WIRING SHALL BE INSTALLED PER UTILITY STANDARDS.

5.07 GROUNDING:

EACH POLE SHALL HAVE A 8' x 5/8" COPPER CLAD GROUND ROD DRIVEN ADJACENT TO PULL BOX. A #6 BARE COPPER LEAD FROM THE GROUND ROD IN PULL BOX TO LANDING LUG IN STREET LIGHT POLE HAND HOLE.

5.08 PULL BOXES:

EXCAVATION FOR PULL BOXES AND MATERIAL SPECIFICATION SHALL BE PER THE ELECTRIC UTILITY COMPANY STANDARDS.

5.09 TRENCH

TRENCH SHALL BE INSTALLED PER THE UTILITY COMPANY STANDARDS.

THE USE OF A COMMON ELECTRIC UTILITY COMPANY TRENCH IS PERMITTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE UTILITY COMPANY FOR COORDINATION OF TRENCHING AND THE INSTALLATION OF CONDUIT.

CONDUIT SHALL BE INSTALLED AT THE DEPTH SPECIFIED ON THE PLANS. CONDUIT SHALL BE 1 INCH CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT OR EQUAL. CONDUIT MUST BE UL RATED AND SUITABLE FOR UNDERGROUND USE.

CONNECTIONS SHALL BE PER UTILITY STANDARDS.

5.12 LIGHT POLE IDENTIFICATION:

THE CONTRACTOR SHALL FURNISH AND INSTALL A NUMBER ON EACH LIGHT POLE. STREET LIGHT POLE IDENTIFICATION AND SPECIFICATIONS WILL BE PROVIDED BY THE CITY OF SURPRISE.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO RESTORE ALL PROPERTY, LANDSCAPING, PAVING AND DRIVEWAYS THAT ARE DISTURBED DURING STREET LIGHT CONSTRUCTION TO THEIR ORIGINAL CONDITION IN CONFORMANCE WITH "MAG" SPECIFICATION SECTION 107.9.

THE DEVELOPER SHALL BE RESPONSIBLE FOR FURNISHING ALL PERSONNEL AND EQUIPMENT TO SUCCESSFULLY PERFORM THE FOLLOWING TEST.

PRIOR TO ACCEPTANCE, THE DEVELOPER SHALL ENERGIZE AND OPERATE THE ENTIRE ROADWAY LIGHTING SYSTEM, FROM SUNSET TO SUNRISE FOR TWO CONSECUTIVE DAYS WITHOUT INTERRUPTION OR FAILURE. IF A LAMP OR BALLAST SHOULD FAIL, IT SHALL BE IMMEDIATELY REPLACED.

THE CONTRACTOR SHALL GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE ENGINEERING MANAGER, AGAINST IMPERFECT WORKMANSHIP, FAILURE, MALFUNCTION OF MATERIALS AND/OR EQUIPMENT DUE TO FAULTY OR IMPERFECT WORKMANSHIP. THIS GUARANTEE IS TO BE IN WRITING TO THE CITY AT THE TIME OF ISSUING FINAL ACCEPTANCE. WORK FOUND TO BE DEFECTIVE WITHIN THE WARRANTY PERIOD SHALL BE REPLACED WITHOUT COST TO THE CITY.

GENERAL ENGINEERING NOTES:

- ALL CONSTRUCTION MUST CONFORM TO MARICOPA ASSOCIATION OF GOVERNMENT (MAG) SPECIFICATIONS AND DETAILS AND LATEST REVISIONS UNLESS OTHERWISE STATED ON PLANS.
- THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND THEY WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL OVERHEAD AND UNDERGROUND UTILITY LOCATIONS WHERE CONSTRUCTION OCCURS. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT ALL UTILITIES ARE AVOIDED. UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND NOT FOR CONSTRUCTION PURPOSES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AND OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT BLUE STAKE LAWS. CALL BLUE STAKE FOR FIELD LOCATION AT (602) 263-1100.
- THE CITY OF SURPRISE ENGINEERING SERVICES OF PUBLIC WORKS SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK AT 623-222-6150.
- THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION OR VARIANCE FROM THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE PROPOSED AND RESUBMITTED FOR REVIEW AND APPROVAL.
- THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE DRAWING, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE. EXISTING SURFACE FEATURES AND FENCING SHALL BE REPLACED IN KIND.
- ANY INSPECTION BY THE CITY, COUNTY, OR THE ENGINEER, SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE APPLICABLE CODES AND AGENCY REQUIREMENTS.
- THE CONTRACTOR IS TO LOCATE ALL EXISTING LANDSCAPING, LANDSCAPING IRRIGATION LINES, PROPERTY MONUMENTS, FENCING OR SURFACE FEATURES PRIOR TO CONSTRUCTION. ANYTHING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
- NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
- ALL CONSTRUCTION WATER USED WITHIN THE CITY OF SURPRISE WATER SERVICE AREA REQUIRES APPROVAL BY THE CITY OF SURPRISE PUBLIC WORKS DEPARTMENT AND MAY BE SUBJECT TO VOLUME AND TIME RESTRICTIONS. PLEASE SEE THE CITY OF SURPRISE CONSTRUCTION WATER GUIDELINES FOR ADDITIONAL INFORMATION. THE GUIDELINES CAN BE OBTAINED FROM THE PUBLIC WORKS DEPARTMENT AT 623-222-7000.
- TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH MAG SPECIFICATION 401, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND THE "TEMPORARY WORK ZONE TRAFFIC MANAGEMENT POLICY" (LATEST EDITION).
- PRIOR TO FINAL APPROVAL AND ACCEPTANCE OF THE WORK, THE DEVELOPER/CONTRACTOR WILL BE REQUIRED TO CLEAN AND REPAIR ADJACENT (OFF-PROJECT) ROADWAYS USED OR DAMAGED DURING THE COURSE OF CONSTRUCTION.
- EMERGENCY VEHICLE ACCESS (E.V.A.) MUST BE PROVIDED BY THE DEVELOPER/CONTRACTOR THROUGHOUT THE PROJECT SITE. E.V.A. ROADS AND SIGNAGE SHALL BE MAINTAINED BY THE DEVELOPER/CONTRACTOR AT ALL TIMES. SIGNAGE SHALL BE POSTED AT THE POINT OF ENTRY TO THE SITE AND AT ALL LOCATIONS WHERE A CHANGE IN DIRECTION OCCURS.
- THE PLANS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT'S ACCESSIBILITY GUIDELINES, AS PUBLISHED IN THE FEDERAL REGISTER ON SEPTEMBER 15, 2010.

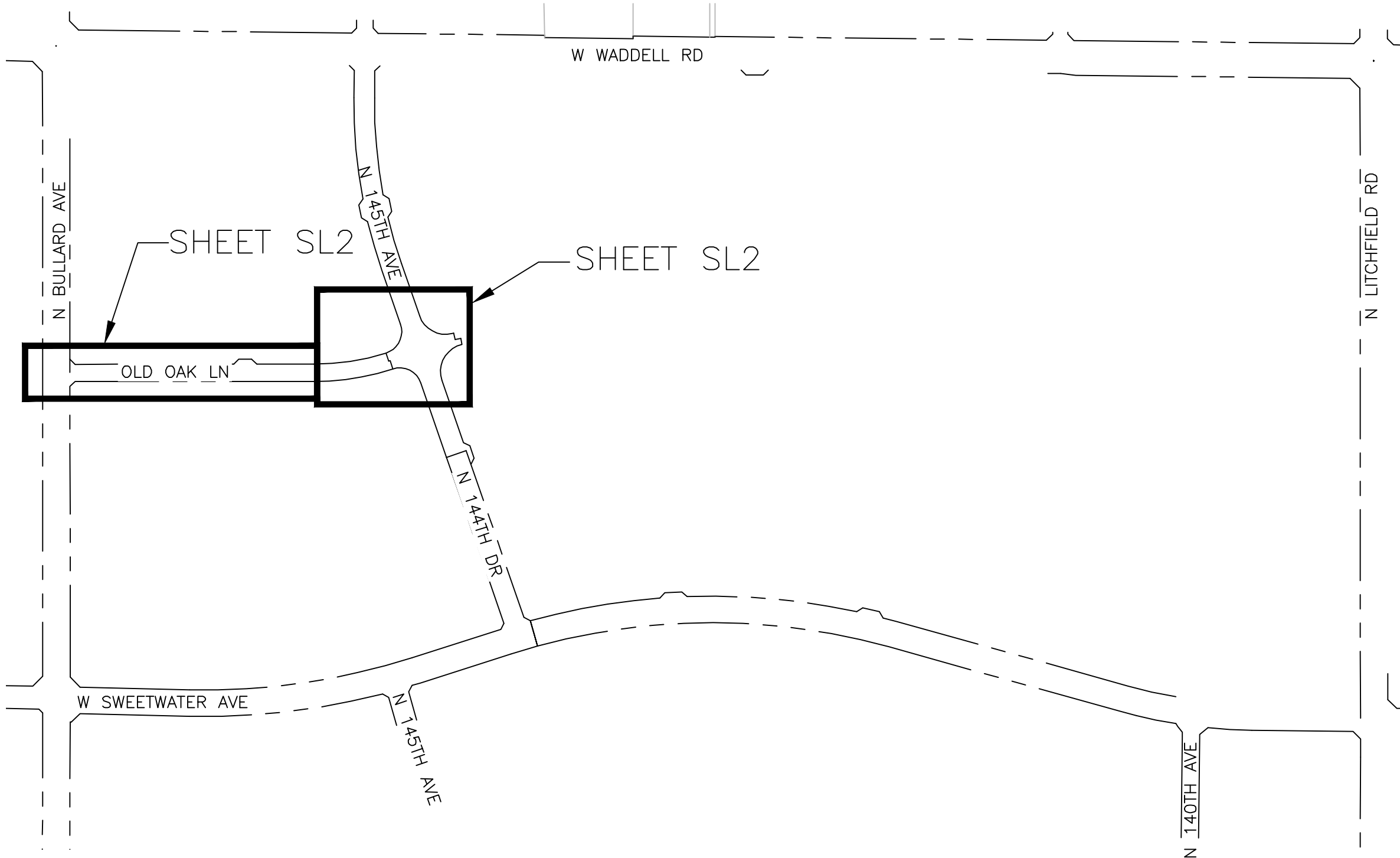
UTILITIES WITHIN OR AFFECTED BY THE PROJECT		
UTILITY CONTACT	DATE SUBMITTED	
ARIZONA PUBLIC SERVICE	10/17/2017	
CENTURY LINK	10/17/2017	
COX COMMUNICATIONS	10/17/2017	
EPCOR WATER INC	10/17/2017	
SOUTHWEST GAS	10/17/2017	

NOTE

THE ELECTRICAL/MAINTENANCE COSTS OF ALL STREET LIGHTS ON LOCAL AND COLLECTOR STREETS (TYPICALLY THE 100 WATT / 9,500 LUMEN AND THE 150 WATT /16,000 LUMEN FIXTURES) ARE TO BE PAID BY THE ADJACENT PROJECT OR THE ADJACENT DEVELOPMENT'S STREET LIGHT IMPROVEMENT DISTRICT (SLID). THE ELECTRICAL / MAINTENANCE COSTS OF ALL STREET LIGHTS ON ARTERIAL STREETS (TYPICALLY THE 250 WATT/ 30,000 LUMEN FIXTURES) ARE TO BE BILLED TO THE CITY OF SURPRISE'S ENERGY BILL.

LED NOTE

LED TECHNOLOGY IS CHANGING RAPIDLY. THE FIXTURES SHOWN ON THESE PLANS MAY NOT BE APPLICABLE AT TIME OF CONSTRUCTION. CONTRACTOR TO COORDINATE WITH APS AND UTILIZE THEIR CURRENT SPECIFICATION AT THE TIME OF BIDDING AND CONSTRUCTION.



KEY MAP

N.T.S.



CITY OF SURPRISE APPROVAL

THIS SET OF PLANS HAS BEEN REVIEWED FOR COMPLIANCE WITH CITY REQUIREMENTS PRIOR TO ISSUANCE OF PERMITS. THE CITY NEITHER ACCEPTS NOR ASSUMES ANY LIABILITY FOR ERRORS OR OMISSIONS. THIS COMPLIANCE APPROVAL SHALL NOT PREVENT THE CITY ENGINEER FROM REQUIRING CORRECTIONS OF ERRORS OR OMISSIONS IN PLANS FOUND TO BE IN VIOLATION OF LAW OR ORDINANCES.

CITY OF SURPRISE ENGINEER

DATE

STREET LIGHTING (APS AREA)																
KEY NO.	SYMBOL	STREET TYPE	OFFSET BEHIND B/C	QUANTITY	POLE		MAST ARM	LUMINAIRE							APS STANDARD CODE NO.	
					POLE HEIGHT	FOUNDATION		SIZE	MOUNTING HEIGHT	LUMENS	WATTAGE	I.E.S. DIST.	VOLTAGE	TYPE		STYLE
①		COLLECTOR	PER PLANS	8	38'-0"	DIRECT BURY	4'-0"	31'-6"	8,200	88 W	TYPE II	*	LED	ARCHITECTURAL (SHOEBOX)	8030.S4.RL42	

*PER UTILITY COMPANY REQUIREMENTS



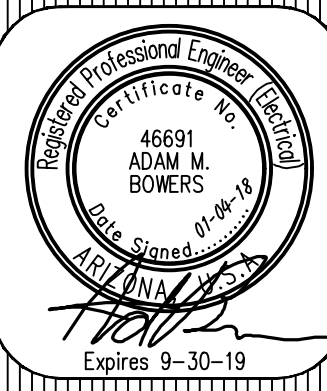
WRIGHT ENGINEERING
PROJECT NO:
17234-03
DESIGN BY: JKS
DRAWN BY: JKS
CHECKED BY: AMB

WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:

SURPRISE, ARIZONA
MARLEY PARK - OLD OAK LN
OLD OAK LN & BULLARD AVE
STREET LIGHT COVER SHEET

NO.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
1	OCT 2017	1ST SUBMITTAL
2	JAN 2018	2ND SUBMITTAL



DRAWING NO:
SL1
OF 3

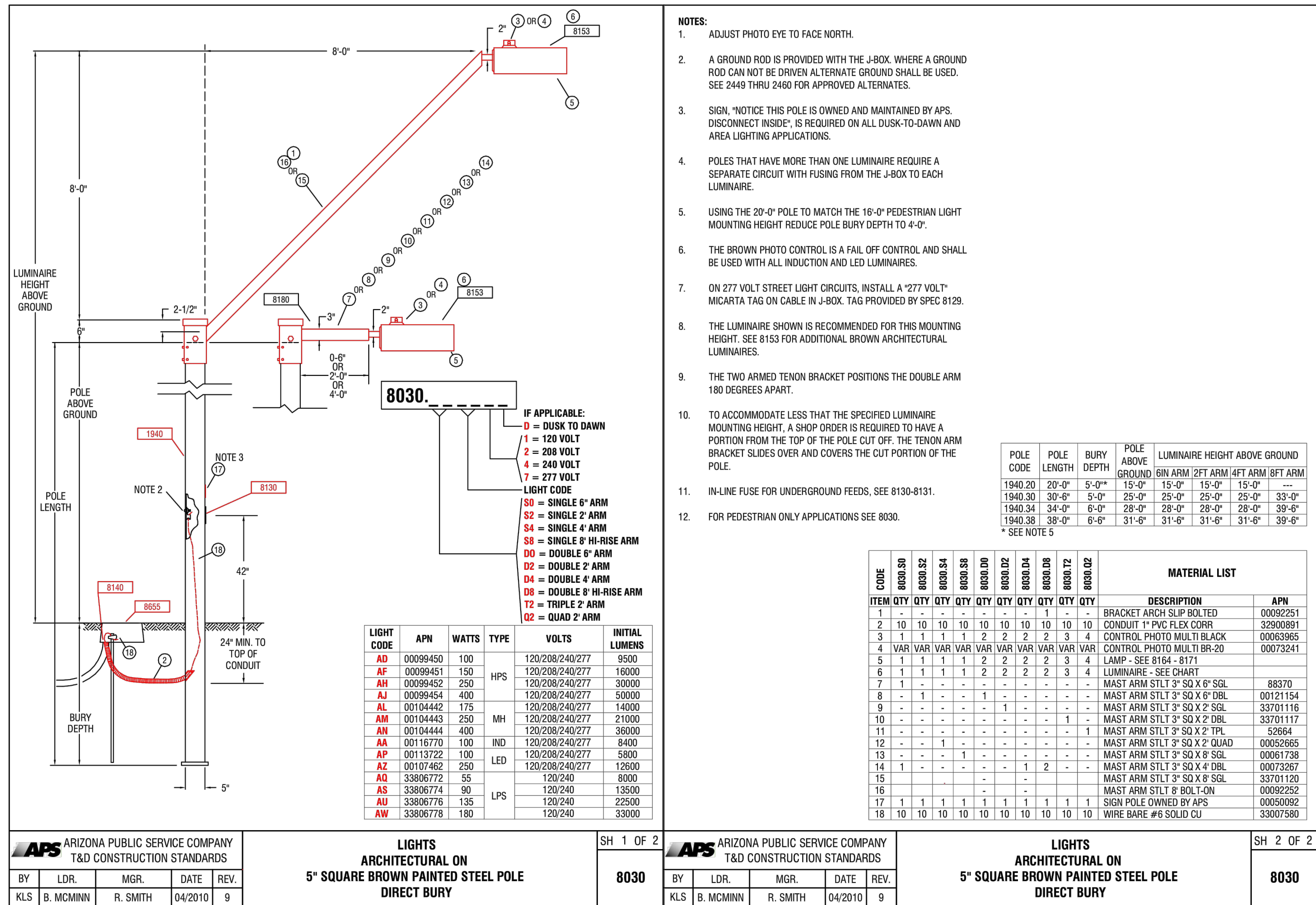
H:\2017\17234-Marley Park Phases 4 & 5\17234-Old Oak Ln-St.dwg

MATCHLINE 'A'
SEE ABOVE RIGHT

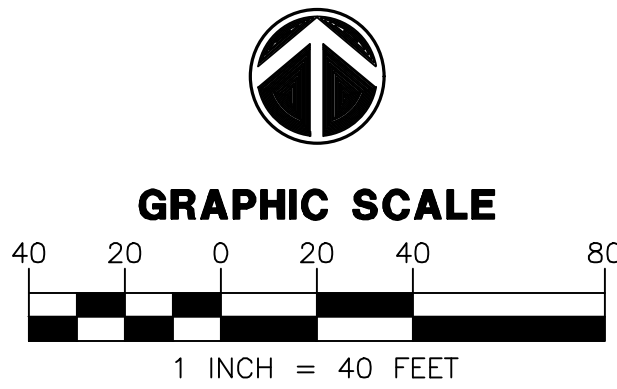


- ① (1) 88W LED (8,200 LUMEN) FIXTURE (LIGHT CODE RL42) WITH PHOTOELECTRIC CONTROL ON A 38"-Ø DIRECT BURIED POLE (1940-38) WITH A 4" MAST ARM (S4H) PER APS DETAIL 8030 (SEE SHEET SL2). INSTALL (2) #14 THIN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.
- ② INSTALL APS PULL BOX NEXT TO POLE. INSTALL 1" CONDUIT WITH (2) #14 TYPE THIN/THWN AND (1) #14 BARE BOND FROM PULL BOX TO FUSE HOLDER IN STREET LIGHT PER APS DETAILS AND SPECIFICATIONS.
- ③ STREET LIGHT TO BE INSTALLED PER SEPARATE PLAN SET. SHOWN FOR REFERENCE ONLY.

- 88W LED SHOEBOX STREET LIGHT
- EXISTING SHOEBOX STREET LIGHT
- EXISTING COBRAHEAD STREET LIGHT
- STREET LIGHT PER SEPARATE PLAN SET
- STREET LIGHT PER SEPARATE PLAN SET
- PULL BOX
- NEW CONDUIT RUN
- FIRE HYDRANT



ROADWAY SCALEABLE LED 3000K						
LIGHT CODE	COLOR	APN	WATTS	VOLTS	INITIAL LUMENS	PHOTOMETRIC CURVE
RL40	DKBZ	00141047	32	120/208/240/277	3,800	ERL1_048130_120-277VIES
RL41		00141048	41	120/208/240/277	4,800	ERL1_05E130_120-277VIES
RL42		00141049	88	120/208/240/277	8,200	ERL1_08E130_120-277VIES
RL43		00141050	108	120/208/240/277	11,000	ERS1_11E130_120-277VIES
RL44		00141051	162	120/208/240/277	19,000	ERS2_19E130_120-277VIES



ARIZONA BLUE STAKE
CALL TWO WORKING DAYS
BEFORE YOU DIG
Dial 811 or
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

WRIGHT ENGINEERING
PROJECT NO:
17234-03
DESIGN BY: JKS
DRAWN BY: JKS
CHECKED BY: AMB

WRIGHT
engineering corporation

ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5825 • FAX 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:

SURPRISE, ARIZONA
MARLEY PARK - OLD OAK LN
OLD OAK LN & BULLARD AVE

STREET LIGHT PLAN

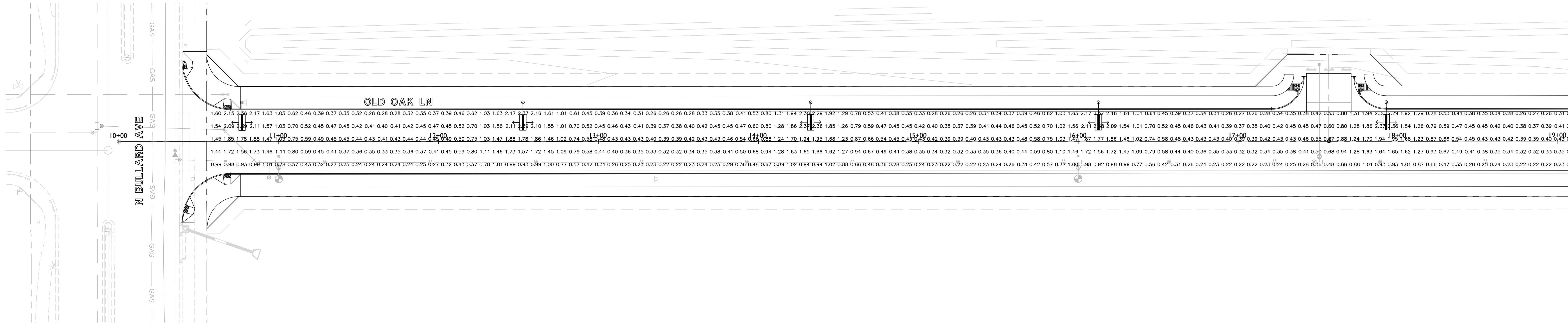
NO.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
-----	------	-------------------------------------

NO.	DATE	SUBMITTALS/F
1	OCT 2017	1ST SUBMITTAL
2	JAN 2018	2ND SUBMITTAL

Registered Professional Engineer (Electrical)
 Certificate No. 46691
 ADAM M. BOWERS
 Date Signed 01-04-18
 ARIZONA
 Expires 9-30-19

DRAWING NO:
SL2
OF 3

H:\2017\17234-Morley Park Phases 4 & 5\17234-Old_Ook_Ln-SL.dwg



MATCHLINE 'A'
SEE BELOW LEFT

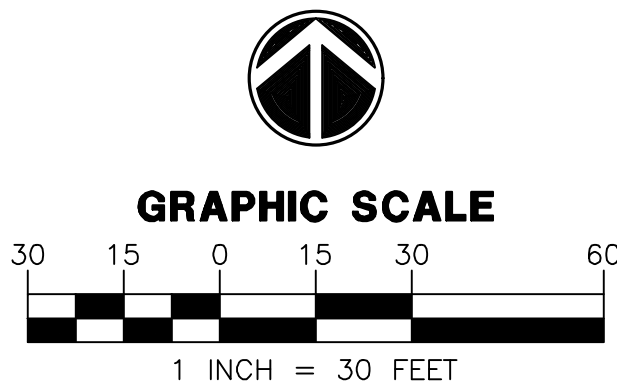
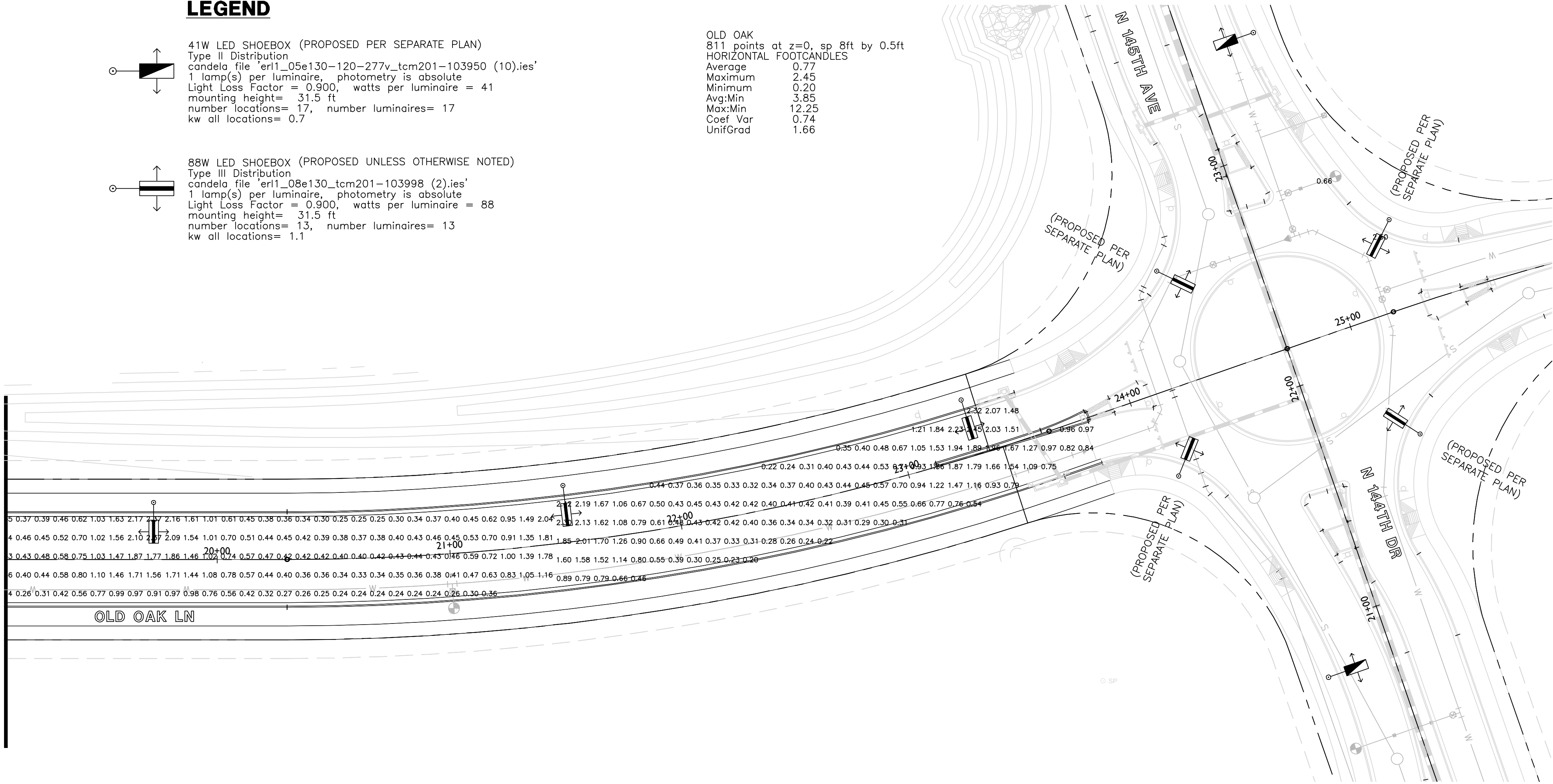
LEGEND

41W LED SHOEBOX (PROPOSED PER SEPARATE PLAN)
Type II Distribution
candela file 'eri1_05e130-120-277v_tcm201-103950 (10).ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 41
mounting height= 31.5 ft
number locations= 17, number luminaires= 17
kw all locations= 0.7

88W LED SHOEBOX (PROPOSED UNLESS OTHERWISE NOTED)
Type III Distribution
candela file 'eri1_08e130_tcm201-103998 (2).ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 88
mounting height= 31.5 ft
number locations= 13, number luminaires= 13
kw all locations= 1.1

OLD OAK
811 points at z=0, sp 8ft by 0.5ft
HORIZONTAL FOOTCANDLES
Average 0.77
Maximum 2.45
Minimum 0.20
Avg:Min 3.85
Max:Min 12.25
Coef Var 0.74
UniGrad 1.66

MATCHLINE 'A'
SEE ABOVE RIGHT



WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807

**PHOTOMETRIC CALCULATION
SHEET. FOR INFORMATION ONLY.**

Professional Engineer
46691
ADAM M.
BOWERS
Date Signed: 11-14-18
Exp. 11-14-21

Expires 9-30-19

PROJECT NAME:
MARLEY PARK
PAD PHASE 4 & 5
OLD OAK LN
WRIGHT ENG.
PROJECT NO: **17234-03**
DESIGN BY: JKS **SL3**

File: 18001-1A-SL1.dwg Drafter: Brandon Rickard Saved: Jun 14, 2018

DARCOR GENERAL NOTES

- A. LOCATIONS INDICATED FOR EXISTING UNDERGROUND UTILITIES ARE BASED ON DRAWINGS PROVIDED TO US BY THE CIVIL ENGINEER AT TIME OF DESIGN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UNDERGROUND OBSTRUCTIONS AND UTILITIES ENCOUNTERED DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING BLUE-STAKE AND POT-HOLING TO VERIFY ALL EXISTING UNDERGROUND OBSTRUCTIONS.
- B. DARCOR & ASSOCIATES INC., ITS OWNERS, OR EMPLOYEES WILL NOT BE HELD RESPONSIBLE FOR ANY DAMAGE TO PROPERTY CAUSED BY OTHERS DURING OR RESULTING FROM CONSTRUCTION OF THIS PROJECT.
- C. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR COORDINATING THE RELOCATION OF UTILITIES, POWER POLES, ETC.
- D. THE CONTRACTOR SHALL PROVIDE THE CITY WITH ACCURATE AS-BUILT INFORMATION INCLUDING FIELD MEASUREMENTS TO ELECTRICAL EQUIPMENT AND UNDERGROUND CONDUIT ROUTING.
- E. ANY QUANTITIES SHOWN ARE THE BEST ESTIMATE OF THE ENGINEER. THE CONTRACTOR SHALL MAKE HIS OWN INDEPENDENT ESTIMATE OF QUANTITIES AND BASE HIS BID THEREON.
- F. THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES OR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED DURING CONSTRUCTION, AND WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- G. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL PROPERTY, LANDSCAPING, PAVING AND DRIVEWAYS THAT ARE DISTURBED DURING CONSTRUCTION TO THEIR ORIGINAL CONDITION WITH CONFORMANCE TO MAG SPECIFICATION SECTION 107.9.

THE ELECTRICAL / MAINTENANCE COSTS OF ALL STREET LIGHTS ON LOCAL AND COLLECTOR STREETS (TYPICALLY THE 41 WATT / 4,800 LUMEN AND THE 88 WATT / 8,500 LUMEN FIXTURES) ARE TO BE PAID BY THE ADJACENT PROJECT OR THE ADJACENT DEVELOPMENT'S STREET LIGHT IMPROVEMENT DISTRICT (SLID)

LED TECHNOLOGY IS CHANGING RAPIDLY, THE FIXTURES SHOWN ON THESE PLANS MAY NOT BE APPLICABLE AT TIME OF CONSTRUCTION. CONTRACTOR TO COORDINATE WITH APS AND UTILIZE THEIR CURRENT SPECIFICATION AT THE TIME OF BIDDING AND CONSTRUCTION.

CITY OF SURPRISE
GENERAL ENGINEERING NOTES

1. ALL CONSTRUCTION MUST CONFORM TO MARICOPA ASSOCIATION OF GOVERNMENT (MAG) SPECIFICATIONS AND DETAILS AND LATEST REVISIONS UNLESS OTHERWISE STATED ON PLANS.
2. THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND THEY WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL OVERHEAD AND UNDERGROUND UTILITY LOCATIONS WHERE CONSTRUCTION OCCURS. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT ALL UTILITIES ARE AVOIDED. UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND NOT FOR CONSTRUCTION PURPOSES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AND OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT ARIZONA UNDERGROUND FACILITIES LAWS (ARIZONA REVISED STATUTES TITLE 40, CHAPTER 2, ARTICLE 6-3, SECTION 40-360.21-32). CALL ARIZONA 811 FOR FIELD LOCATION BY DAY 811.
4. THE CITY OF SURPRISE ENGINEERING SERVICES OF PUBLIC WORKS SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK AT 623-222-6150.
5. THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION OR VARIANCE FROM THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE PROPOSED AND RESUBMITTED FOR REVIEW AND APPROVAL.
6. THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE DRAWING, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE. EXISTING SURFACE FEATURES AND FENCING SHALL BE REPLACED IN KIND.
7. ANY INSPECTION BY THE CITY, COUNTY, OR THE ENGINEER, SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE APPLICABLE CODES AND AGENCY REQUIREMENTS.
8. THE CONTRACTOR IS TO LOCATE ALL EXISTING LANDSCAPING, LANDSCAPING IRRIGATION LINES, PROPERTY MONUMENTS, FENCING OR SURFACE FEATURES PRIOR TO CONSTRUCTION. ANYTHING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
9. NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
10. ALL CONSTRUCTION WATER USED WITHIN THE CITY OF SURPRISE WATER SERVICE AREA REQUIRES APPROVAL BY THE CITY OF SURPRISE PUBLIC WORKS DEPARTMENT AND MAY BE SUBJECT TO VOLUME AND TIME RESTRICTIONS. PLEASE SEE THE CITY OF SURPRISE CONSTRUCTION WATER GUIDELINES FOR ADDITIONAL INFORMATION. THE GUIDELINES CAN BE OBTAINED FROM THE PUBLIC WORKS DEPARTMENT AT 623-222-6000.
11. TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH MAG SPECIFICATION 401, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND THE "TEMPORARY WORK ZONE TRAFFIC MANAGEMENT POLICY" (LATEST EDITION).
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STREET LIGHTING PLANS

FOR

HOMESTEAD AT MARLEY PARK PHASE 4&5
PARCEL 1A

A PORTION OF THE NORTHWEST QUARTER OF SECTION 16, TOWNSHIP 3 NORTH, RANGE 1 WEST OF THE
GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, CITY OF SURPRISE, ARIZONA

DEVELOPER

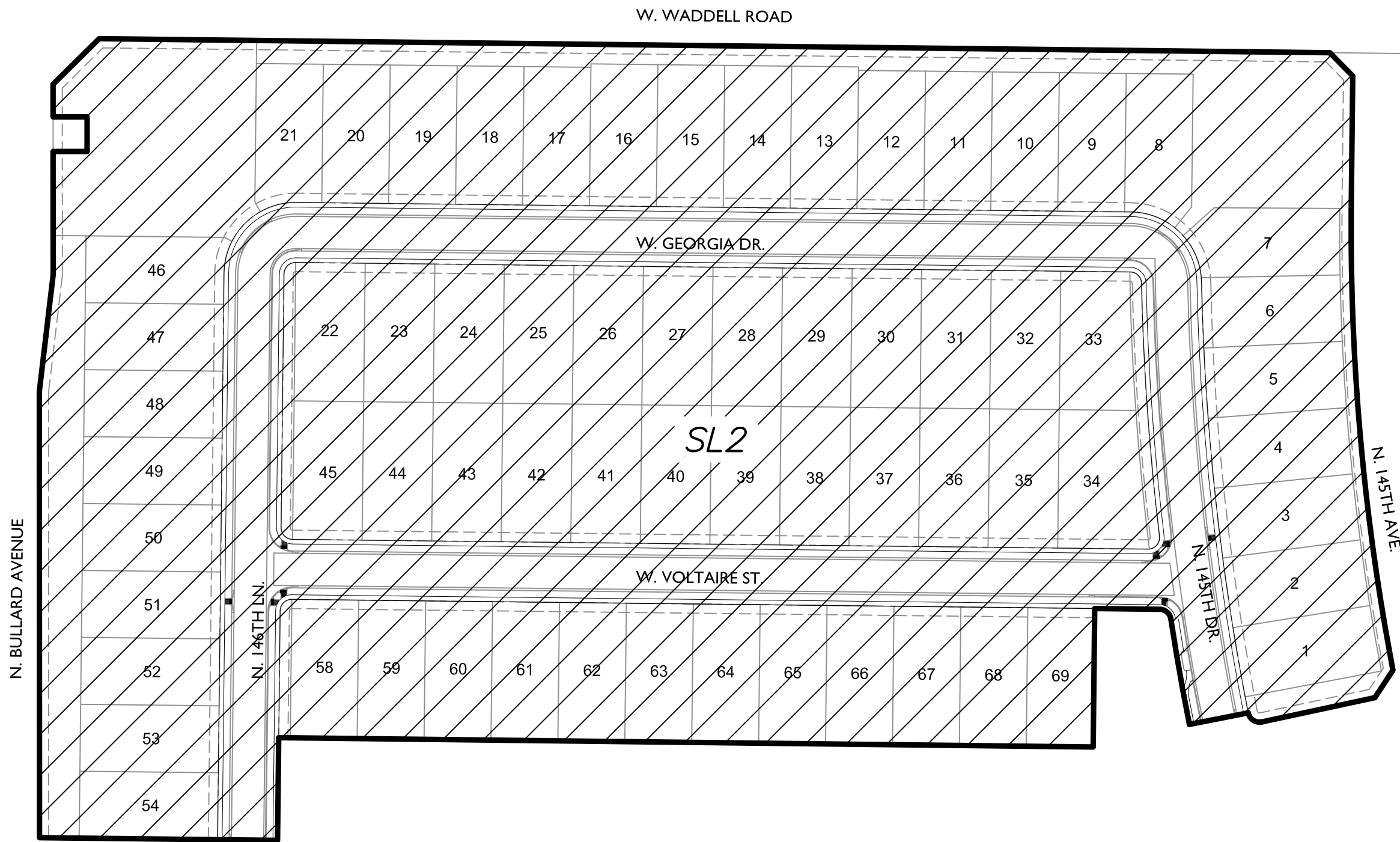
MERITAGE HOMES OF ARIZONA, INC.
8800 E. RAINTREE DR., STE. 300
SCOTTSDALE, AZ 85260
PHONE: (480) 515-8251
CONTACT: JASON JARVIS

CIVIL ENGINEER

ENTELLUS, INC.
3033 N. 44TH STREET, STE 250
PHOENIX, ARIZONA 85018
PHONE: (602) 244-2566
CONTACT: MICHAEL R. GLEESON, P.E.

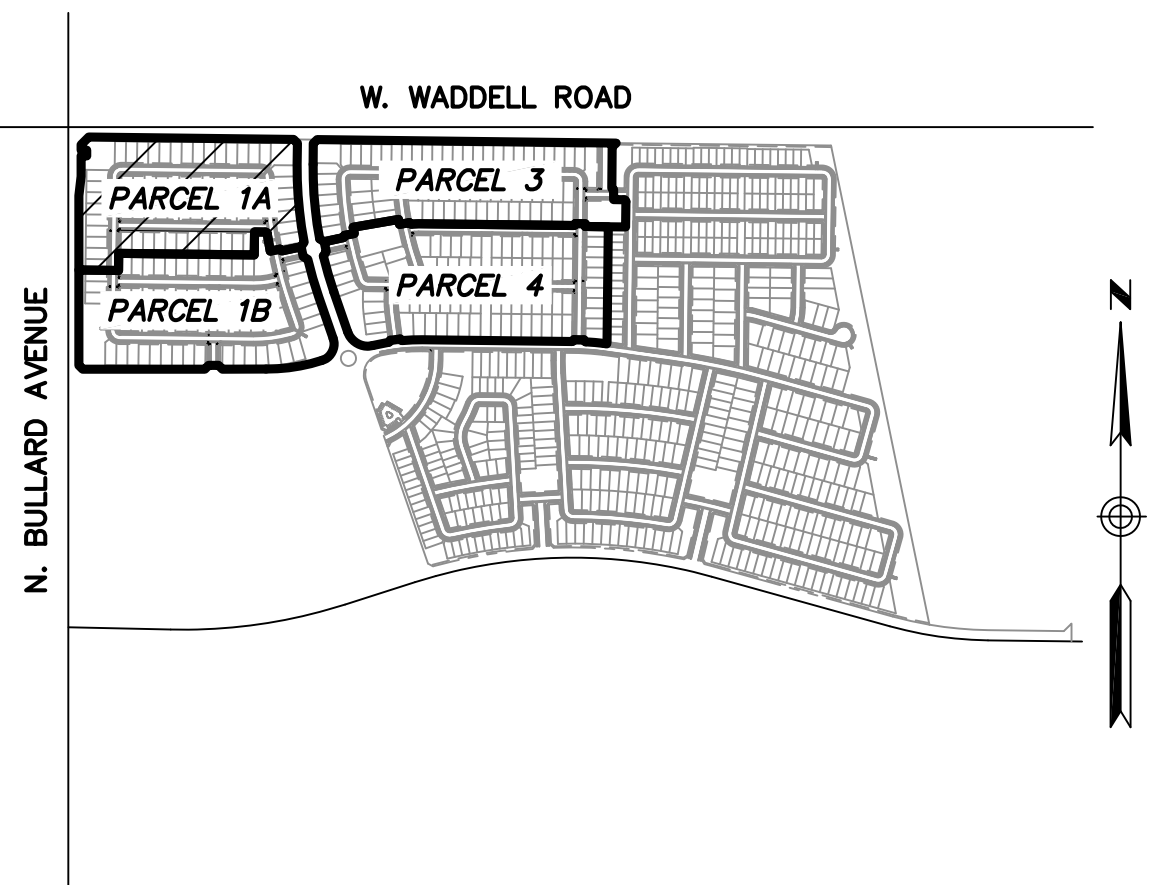
ELECTRICAL ENGINEER

DARCOR & ASSOCIATES
7600 N. 16TH STREET, STE 212
PHOENIX, AZ 85020
PHONE: (602) 795-2699
CONTACT: DARWIN REYNOLDS, P.E.



KEY MAP

NTS



VICINITY MAP

NTS

SHEET INDEX

SHEET	DESCRIPTION
SL1	STREET LIGHTING COVER SHEET
SL2	STREET LIGHTING PLAN VIEW
SL3	STREET LIGHTING DETAILS
P1	TYPICAL STREET PHOTOMETRICS

LEGEND & QUANTITIES LIST

QTY	SYMBOL	DESCRIPTION
14		41W LED (4,800 LUMENS) STREET LIGHT

SLID#

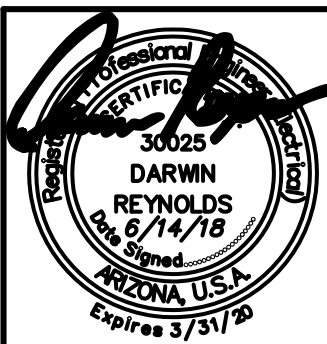
CITY OF SURPRISE SIGNATURE BLOCK

THIS SET OF PLANS HAS BEEN REVIEWED FOR COMPLIANCE WITH CITY REQUIREMENTS PRIOR TO ISSUANCE OF PERMITS. THE CITY NEITHER ACCEPTS NOR ASSUMES ANY LIABILITY FOR ERRORS OR OMISSIONS. THIS COMPLIANCE APPROVAL SHALL NOT PREVENT THE CITY ENGINEER FROM REQUIRING CORRECTIONS OF ERRORS OR OMISSIONS IN PLANS FOUND TO BE IN VIOLATION OF LAW OR ORDINANCES.

APPROVED _____
CITY OF SURPRISE ENGINEER

DATE

CALL TWO WORKING DAYS
BEFORE YOU DIG
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)



DARCOR
ELECTRICAL CONSULTING ENGINEERS
7600 N. 16TH ST.
SUITE 212
PHOENIX, AZ 85020
Ph: (602) 795-2699
WWW.DARCORINC.COM

PROJECT TITLE
**HOMESTEAD AT MARLEY PARK -
PARCEL 1A SURPRISE, ARIZONA**

SHEET TITLE
**STREET LIGHTING
COVER SHEET**

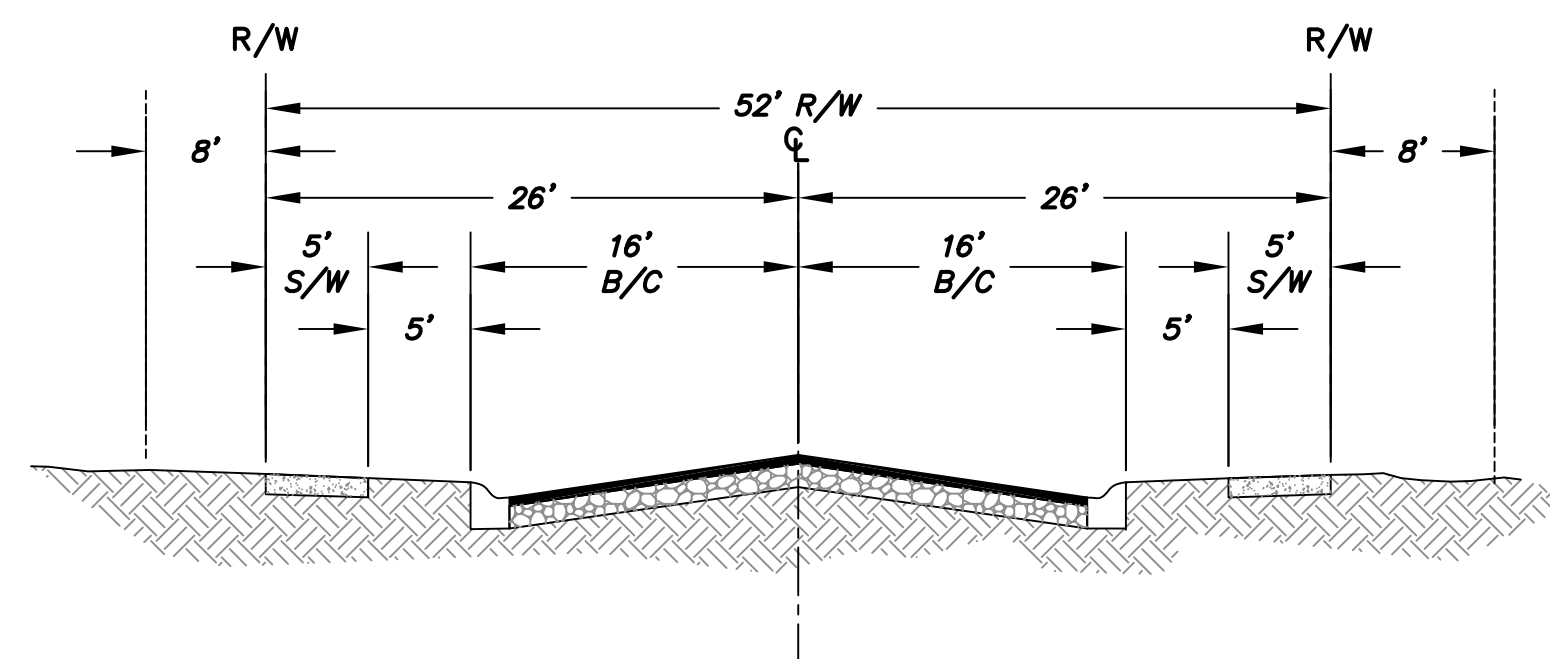
DATE JUN 2018	DESIGNED: DAR	DWG No. SL1	SHEET 1
SCALE N/A	DRAWN: BPR	PROJ No. 18001	OF 3
	CHECKED: DAR		

Save: Jun 14, 2018 File: 18001-1A-SL2.dwg Drafter: Brandon Rickard

W. WADDELL ROAD



NOTE: ALL STREET LIGHTS TO BE 1' CLEAR OF SIDEWALKS



LOCAL STREET WITH ON-STREET PARKING--
LOOKING NORTH OR EAST
N.T.S.

KEY NOTE

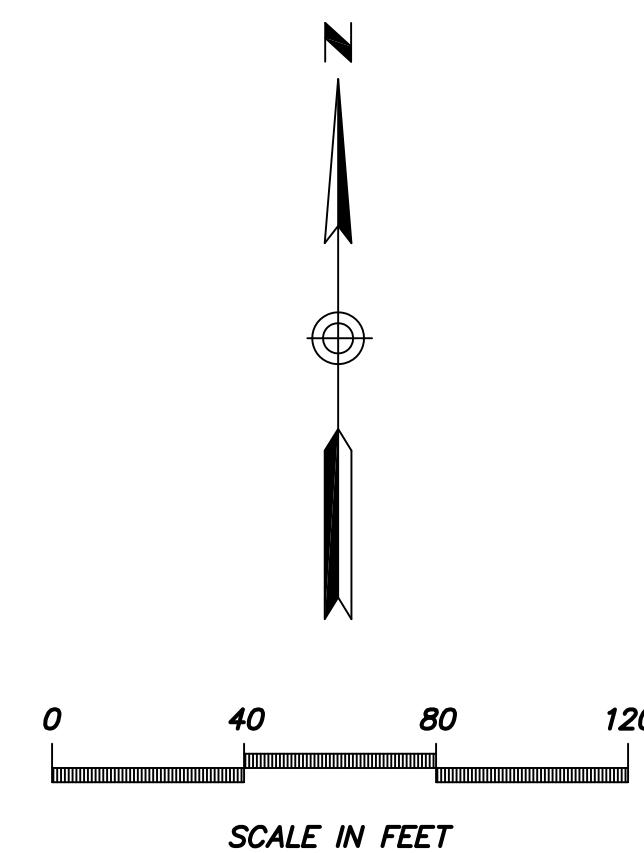
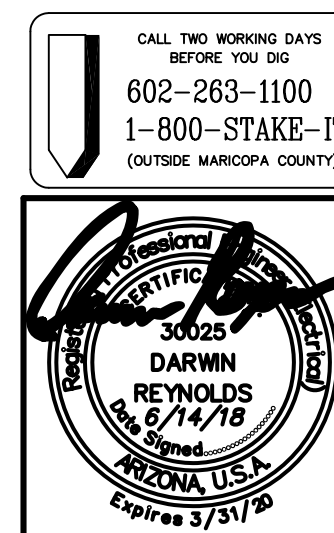
- INSTALL 41W, 3000K LED (4,800 LUMENS) BRONZE COBRAHEAD LUMINAIRE MOUNTED ON A 30'-6" DIRECT BURIED SQUARE STEEL POLE WITH A 2'-0" MAST ARM (25' MOUNTING HEIGHT). SEE APS STANDARD DETAIL 8030 AND APPLICABLE APS DETAILS ON SHEET SL3.

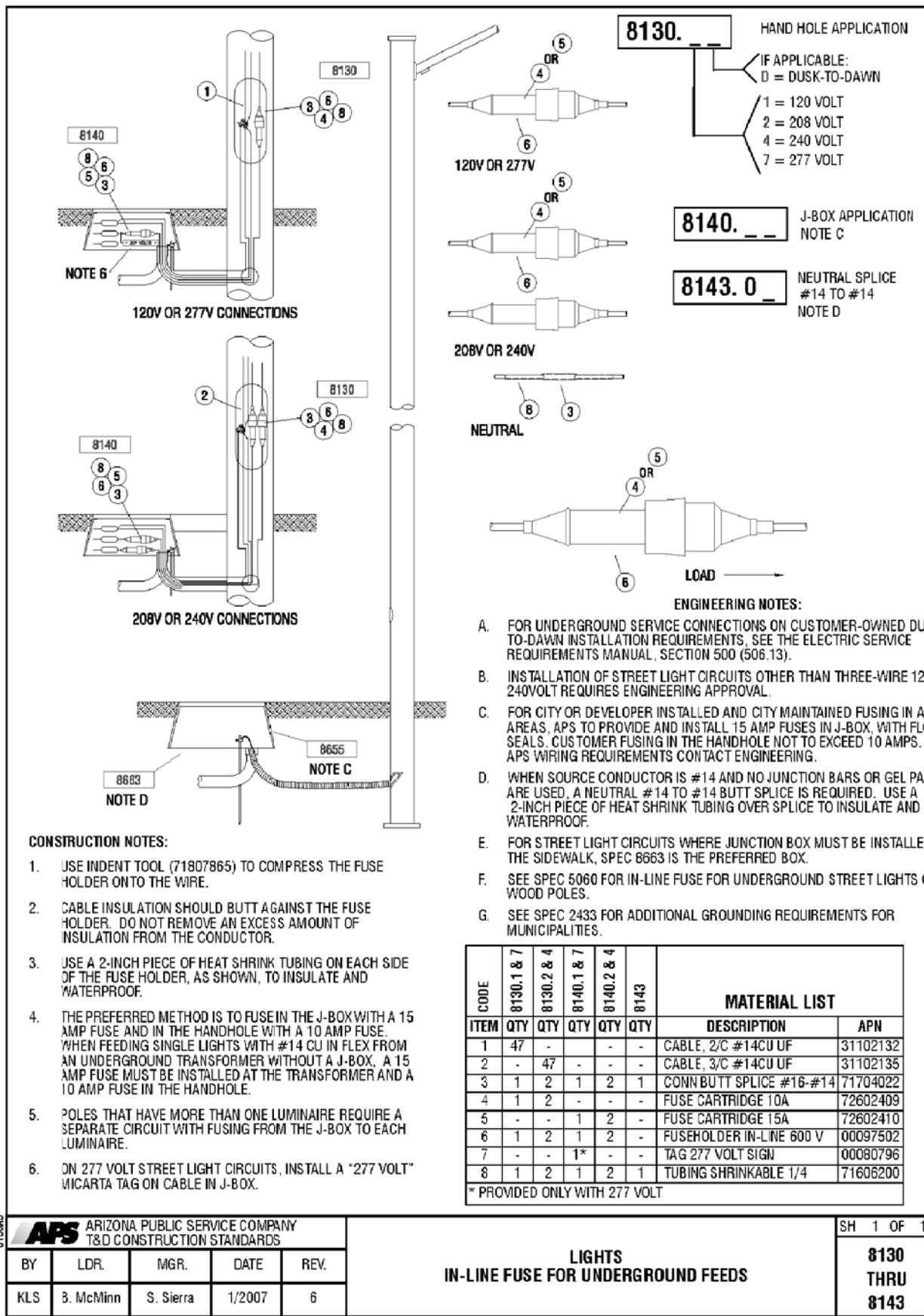
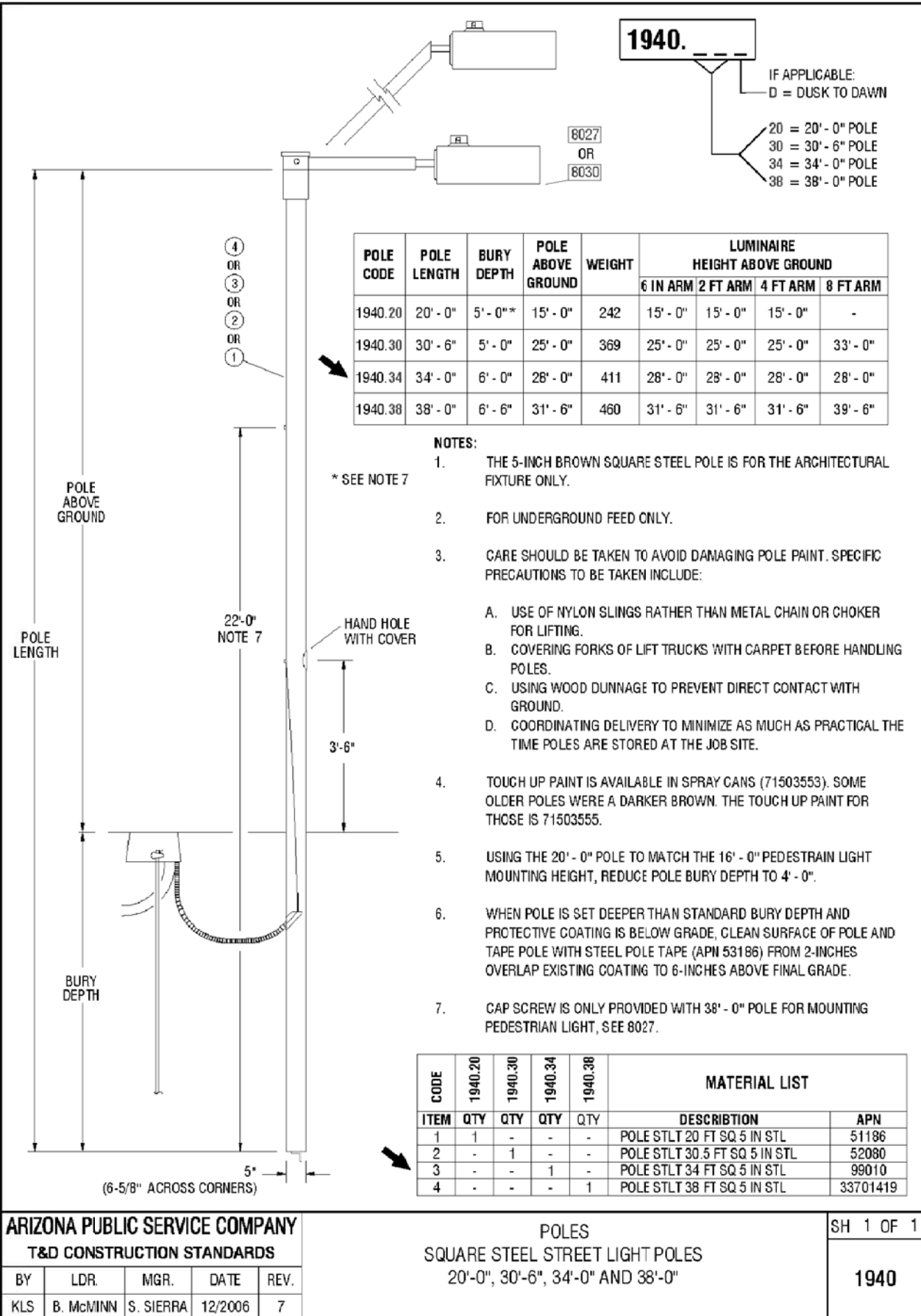
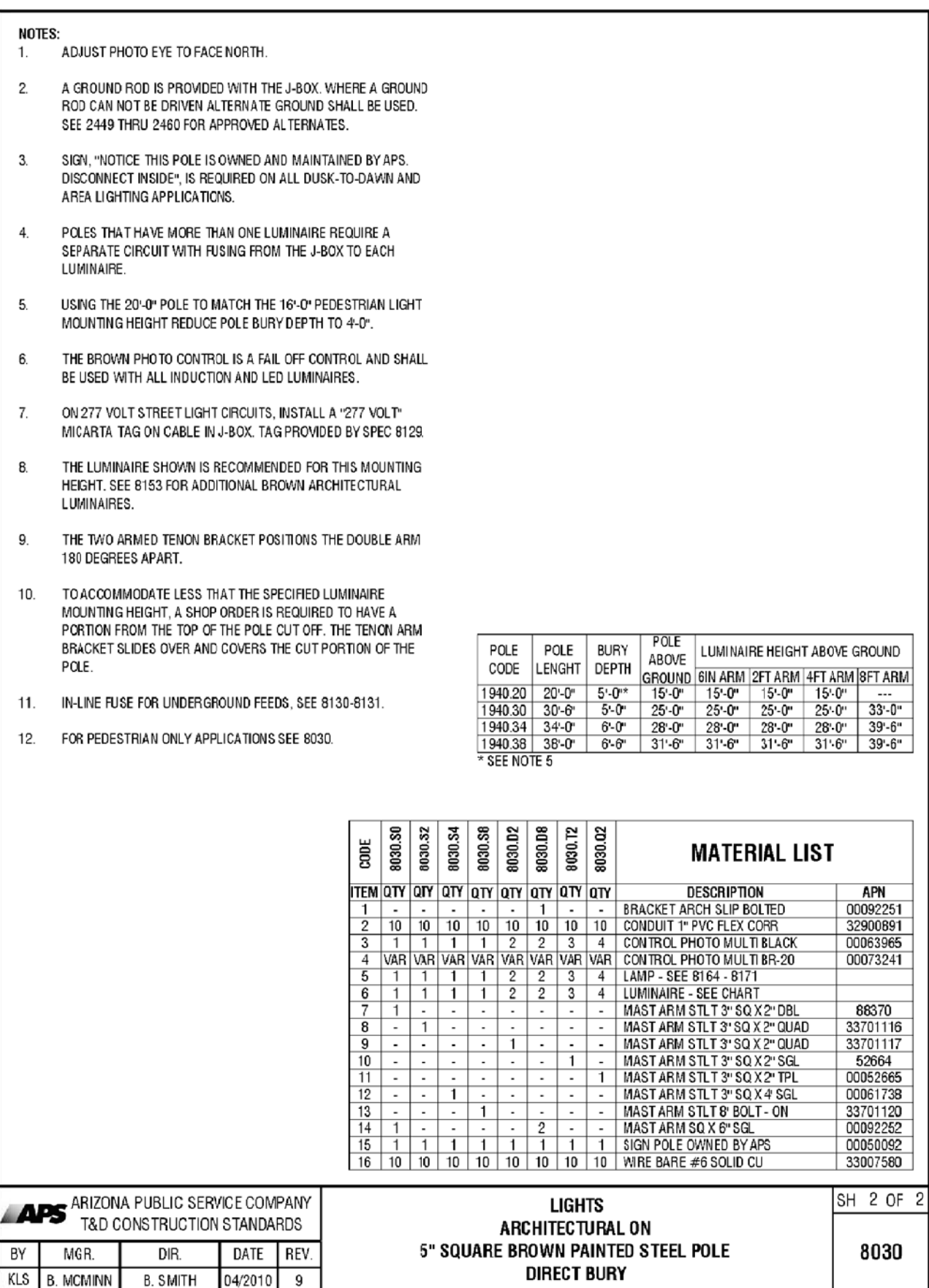
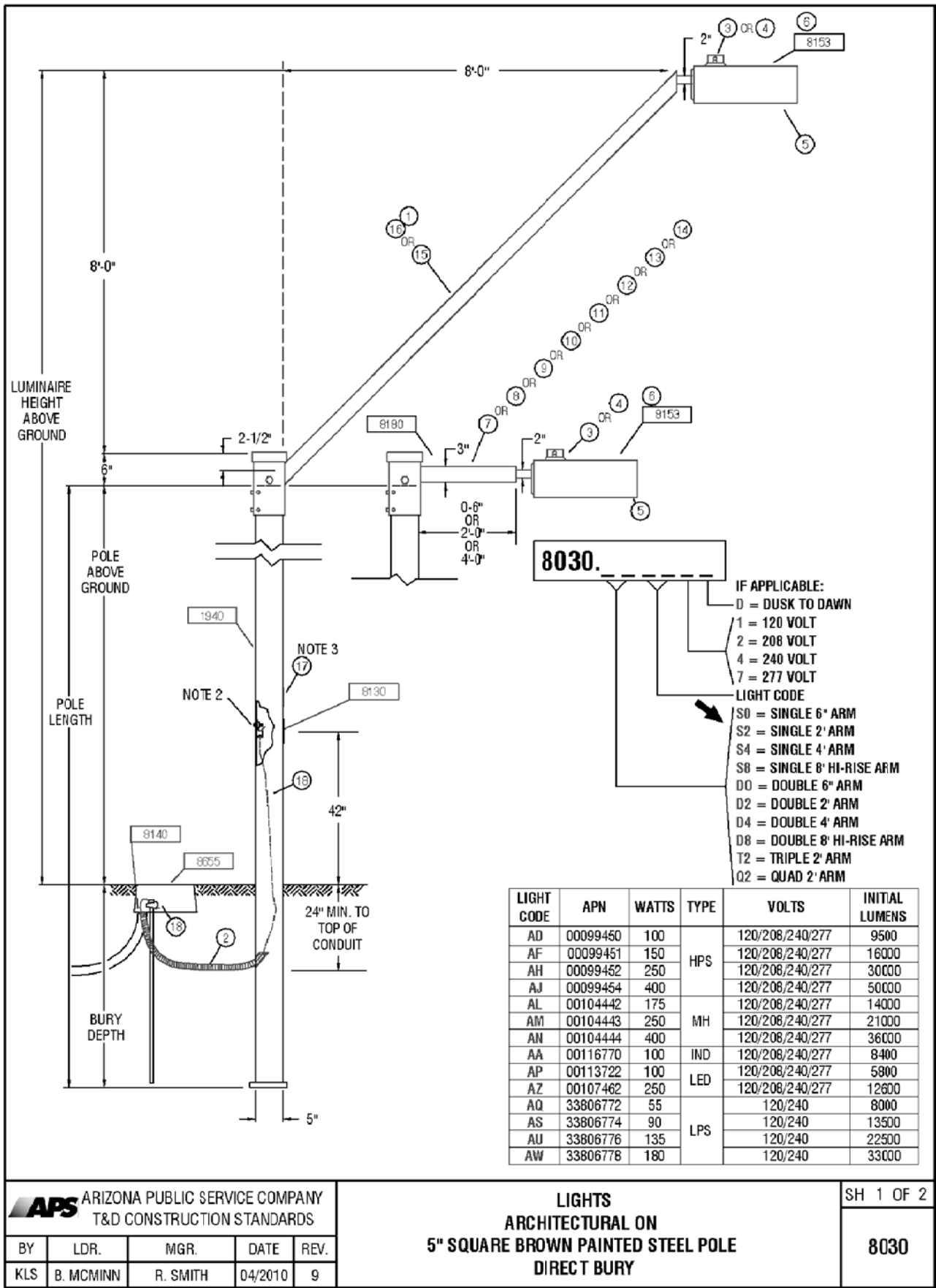
DARCOR
ELECTRICAL CONSULTING ENGINEERS
7800 N. 16TH ST.
SUITE 212
PHOENIX, AZ 85020
Ph: (602) 795-2899
WWW.DARCORINC.COM

PROJECT TITLE
**HOMESTEAD AT MARLEY PARK -
PARCEL 1A SURPRISE, ARIZONA**

SHEET TITLE
**STREET LIGHTING
PLAN VIEW**

DATE JUN 2018	DESIGNED: DAR	DWG No. SL2	SHEET 2
SCALE AS SHOWN	DRAWN: BPR	PROJ No. 18001	OF 3
CHECKED: DAR			





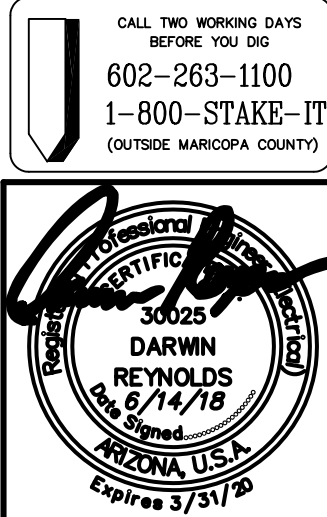
DARCOR
ELECTRICAL CONSULTING ENGINEERS

7800 N. 16TH ST.
SUITE 212
PHOENIX, AZ 85020
Ph: (602) 795-2899
WWW.DARCORINC.COM

PROJECT TITLE
**HOMESTEAD AT MARLEY PARK -
PARCEL 1A SURPRISE, ARIZONA**

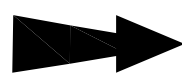
SHEET TITLE
**STREET LIGHTING
DETAILS**

DATE JUN 2018	DESIGNED: DAR	DWG No. SL3	SHEET 3 OF 3
SCALE AS SHOWN	DRAWN: BPR	PROJ No. 18001	
CHECKED: DAR			

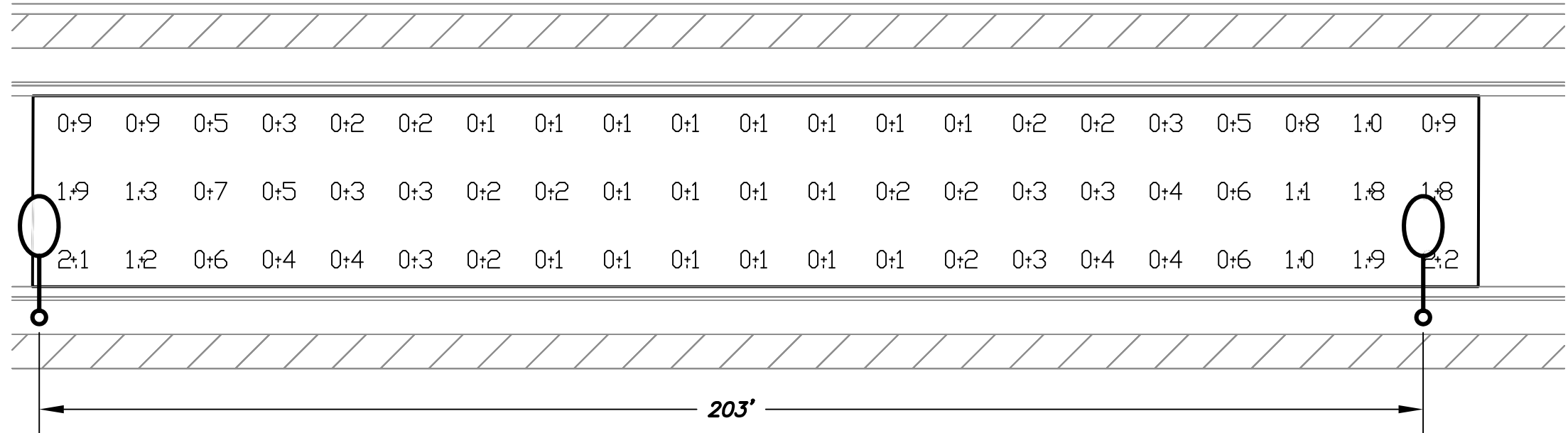


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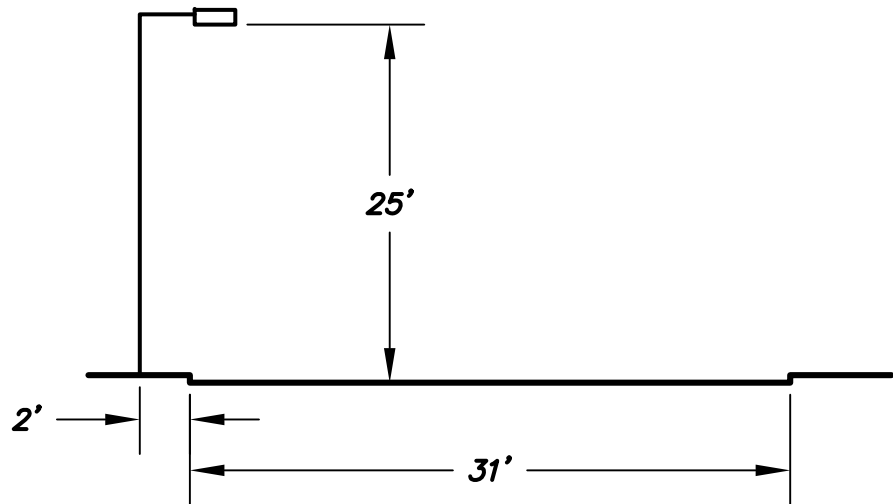
APS APPROVED LED STREET LIGHTS								
AS OF 3-15-18								
APN	LIGHT CODE	LAMP	WATTS	LUMENS	CCT	COLOR	G.E. MODEL NUMBER	IES CURVE NUMBER
141047	RL41	LED	32	3,800	3000K	DK BRONZE	ERL1004B130ADKBZGRX	ERL1_04B130-120-277V.IES
141048	RL41	LED	41	4,800	3000K	DK BRONZE	ERL1005E130ADKBZGRX	ERL1_05E130-120-277V.IES
141049	RL42	LED	88	8,200	3000K	DK BRONZE	ERL1008E130ADKBZGRX	ERL1_08E130.IES
141050	RL43	LED	108	11,100	3000K	DK BRONZE	ERLH011E130ADKBZGRX	ERLH_11E130.IES
141040	CL50	LED	32	3,800	3000K	GRAY	ERL1004B130AGRAYGRX	ERL1_04B130-120-277V.IES
141041	CL51	LED	41	4,800	3000K	GRAY	ERL1005E130AGRAYGRX	ERL1_05E130-120-277V.IES
141043	CL52	LED	88	8,200	3000K	GRAY	ERL1008E130AGRAYGRX	ERL1_08E130.IES
141045	CL53	LED	108	11,100	3000K	GRAY	ERLH011E130AGRAYGRX	ERLH_11E130.IES
128251	RL50	LED	32	3,900	4000K	DK BRONZE	ERL1004B140ADKBZGRX	ERL1_04B140-120-277V.IES
126804	RL51	LED	41	5,000	4000K	DK BRONZE	ERL1005E140ADKBZGRX	ERL1_05E140-120-277V.IES
126805	RL52	LED	88	8,500	4000K	DK BRONZE	ERL1008E140ADKBZGRX	ERL1_08E140.IES
	RL53	LED	108	11,500	4000K	DK BRONZE	ERLH011E140ADKBZGRX	ERLH_11E140.IES
128329	CL60	LED	32	3,900	4000K	GRAY	ERL1004B140AGRAYGRX	ERL1_04B140-120-277V.IES
128330	CL61	LED	41	5,000	4000K	GRAY	ERL1005E140AGRAYGRX	ERL1_05E140-120-277V.IES
128331	CL62	LED	88	8,500	4000K	GRAY	ERL1008E140AGRAYGRX	ERL1_08E140.IES
128332	CL63	LED	108	11,500	4000K	GRAY	ERLH011E140AGRAYGRX	ERLH_11E140.IES



ROADWAY LOCAL	
63 points at z=0, sp 10ft by 10ft	
HORIZONTAL FOOTCANDLES	
Average	0.52
Maximum	2.20
Minimum	0.10
AvgMin	5.20
Max:Min	22.0
Coef Var	1.07
UnifGrad	2.12

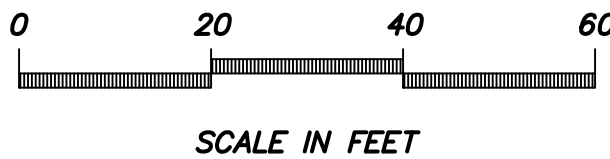


WORST CASE SPACING FOR 31' WIDE ROADWAY
(LOCAL) (41W) (25' H)



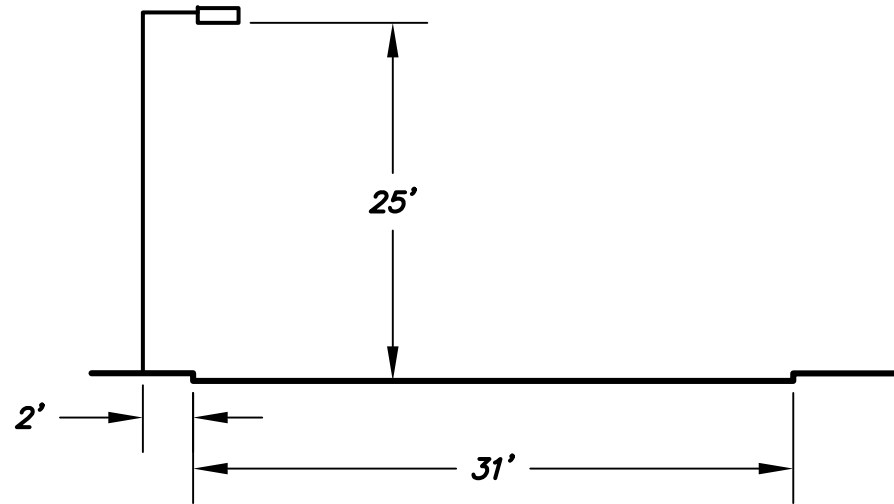
LUMINAIRE INPUT DATA

GE Lighting Solutions
 lamp(s): LED
 candela file 'ERL1_05E130-120-277V.IES'
 1 lamp(s) per luminaire, 4,800 initial lumens per lamp
 Light Loss Factor = 0.9, watts per luminaire = 41
 Outreach (from mounting axis to photometric center)= 30 in
 mounting height= 25 ft



ALL PHOTOMETRIC CALCULATIONS ON THESE
PLANS REPRESENT ILLUMINANCE VALUES

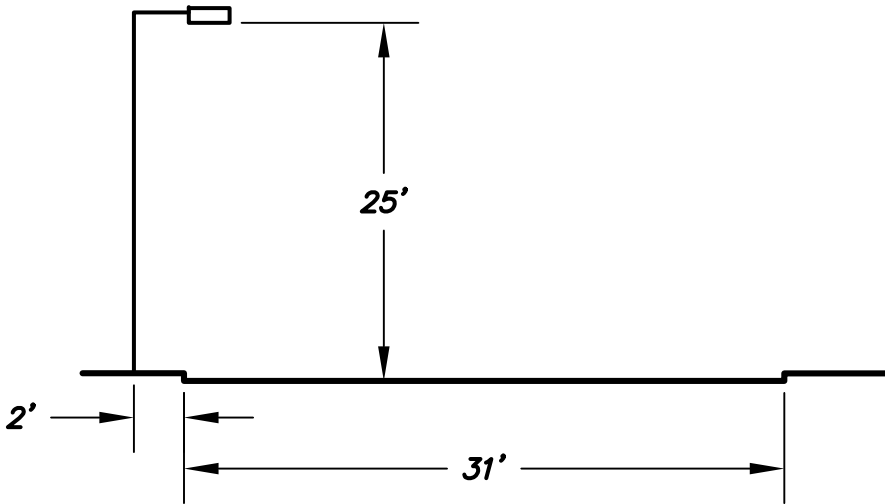
TYPICAL LOCAL/LOCAL ROADWAY INTERSECTION
(LOCAL) (41W) (25' H) (TWO LIGHTS)



LUMINAIRE INPUT DATA

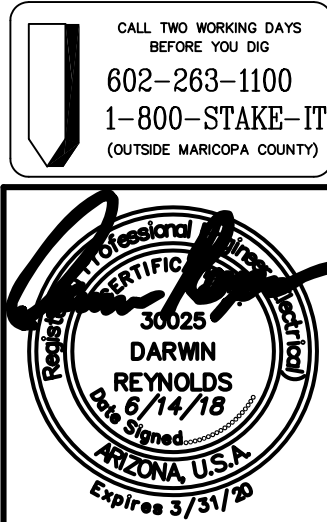
GE Lighting Solutions
 lamp(s): LED
 candela file 'ERL1_05E130-120-277V.IES'
 1 lamp(s) per luminaire, 4,800 initial lumens per lamp
 Light Loss Factor = 0.9, watts per luminaire = 41
 Outreach (from mounting axis to photometric center)= 30 in
 mounting height= 25 ft

TYPICAL LOCAL/LOCAL ROADWAY INTERSECTION
(LOCAL) (41W) (25' H) (ONE LIGHT)



LUMINAIRE INPUT DATA

GE Lighting Solutions
 lamp(s): LED
 candela file 'ERL1_05E130-120-277V.IES'
 1 lamp(s) per luminaire, 4,800 initial lumens per lamp
 Light Loss Factor = 0.9, watts per luminaire = 41
 Outreach (from mounting axis to photometric center)= 30 in
 mounting height= 25 ft



		7800 N. 16TH ST. SUITE 212 PHOENIX, AZ 85020 Ph: (602) 795-2699 WWW.DARCORINC.COM	
PROJECT TITLE HOMESTEAD AT MARLEY PARK - PARCEL 1A SURPRISE, ARIZONA			
SHEET TITLE ROADWAY PHOTOMETRIC CALCULATIONS			
DATE JUN 2018	DESIGNED: DAR	DWG No. P1	SHEET 1 OF 1
SCALE N/A	DRAWN: BPR	PROJ No. 18001	
	CHECKED: DAR		

Saved: Jun 14, 2018 File: 18001-1B-SL1.dwg Drafter: Brandon Rickard

DARCOR GENERAL NOTES

- A. LOCATIONS INDICATED FOR EXISTING UNDERGROUND UTILITIES ARE BASED ON DRAWINGS PROVIDED TO US BY THE CIVIL ENGINEER AT TIME OF DESIGN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UNDERGROUND OBSTRUCTIONS AND UTILITIES ENCOUNTERED DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING BLUE-STAKE AND POT-HOLING TO VERIFY ALL EXISTING UNDERGROUND OBSTRUCTIONS.
- B. DARCOR & ASSOCIATES INC., ITS OWNERS, OR EMPLOYEES WILL NOT BE HELD RESPONSIBLE FOR ANY DAMAGE TO PROPERTY CAUSED BY OTHERS DURING OR RESULTING FROM CONSTRUCTION OF THIS PROJECT.
- C. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR COORDINATING THE RELOCATION OF UTILITIES, POWER POLES, ETC.
- D. THE CONTRACTOR SHALL PROVIDE THE CITY WITH ACCURATE AS-BUILT INFORMATION INCLUDING FIELD MEASUREMENTS TO ELECTRICAL EQUIPMENT AND UNDERGROUND CONDUIT ROUTING.
- E. ANY QUANTITIES SHOWN ARE THE BEST ESTIMATE OF THE ENGINEER. THE CONTRACTOR SHALL MAKE HIS OWN INDEPENDENT ESTIMATE OF QUANTITIES AND BASE HIS BID THEREON.
- F. THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES OR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED DURING CONSTRUCTION, AND WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- G. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL PROPERTY, LANDSCAPING, PAVING AND DRIVEWAYS THAT ARE DISTURBED DURING CONSTRUCTION TO THEIR ORIGINAL CONDITION WITH CONFORMANCE TO MAG SPECIFICATION SECTION 107.9.

THE ELECTRICAL / MAINTENANCE COSTS OF ALL STREET LIGHTS ON LOCAL AND COLLECTOR STREETS (TYPICALLY THE 41 WATT / 4,800 LUMEN AND THE 88 WATT / 8,500 LUMEN FIXTURES) ARE TO BE PAID BY THE ADJACENT PROJECT OR THE ADJACENT DEVELOPMENT'S STREET LIGHT IMPROVEMENT DISTRICT (SLID)

LED TECHNOLOGY IS CHANGING RAPIDLY, THE FIXTURES SHOWN ON THESE PLANS MAY NOT BE APPLICABLE AT TIME OF CONSTRUCTION. CONTRACTOR TO COORDINATE WITH APS AND UTILIZE THEIR CURRENT SPECIFICATION AT THE TIME OF BIDDING AND CONSTRUCTION.

CITY OF SURPRISE
GENERAL ENGINEERING NOTES

1. ALL CONSTRUCTION MUST CONFORM TO MARICOPA ASSOCIATION OF GOVERNMENT (MAG) SPECIFICATIONS AND DETAILS AND LATEST REVISIONS UNLESS OTHERWISE STATED ON PLANS.
2. THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND THEY WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL OVERHEAD AND UNDERGROUND UTILITY LOCATIONS WHERE CONSTRUCTION OCCURS. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT ALL UTILITIES ARE AVOIDED. UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND NOT FOR CONSTRUCTION PURPOSES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AND OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT ARIZONA UNDERGROUND FACILITIES LAWS (ARIZONA REVISED STATUTES TITLE 40, CHAPTER 2, ARTICLE 6.3, SECTION 40-360.21-32). CALL ARIZONA 811 FOR FIELD LOCATION BY DIAL 811.
4. THE CITY OF SURPRISE ENGINEERING SERVICES OF PUBLIC WORKS SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK AT 623-222-6150.
5. THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION OR VARIANCE FROM THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE PROPOSED AND RESUBMITTED FOR REVIEW AND APPROVAL.
6. THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE DRAWING, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE. EXISTING SURFACE FEATURES AND FENCING SHALL BE REPLACED IN KIND.
7. ANY INSPECTION BY THE CITY, COUNTY, OR THE ENGINEER, SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE APPLICABLE CODES AND AGENCY REQUIREMENTS.
8. THE CONTRACTOR IS TO LOCATE ALL EXISTING LANDSCAPING, LANDSCAPING IRRIGATION LINES, PROPERTY MONUMENTS, FENCING OR SURFACE FEATURES PRIOR TO CONSTRUCTION. ANYTHING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
9. NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
10. ALL CONSTRUCTION WATER USED WITHIN THE CITY OF SURPRISE WATER SERVICE AREA REQUIRES APPROVAL BY THE CITY OF SURPRISE PUBLIC WORKS DEPARTMENT AND MAY BE SUBJECT TO VOLUME AND TIME RESTRICTIONS. PLEASE SEE THE CITY OF SURPRISE CONSTRUCTION WATER GUIDELINES FOR ADDITIONAL INFORMATION. THE GUIDELINES CAN BE OBTAINED FROM THE PUBLIC WORKS DEPARTMENT AT 623-222-6000.
11. TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH MAG SPECIFICATION 401, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND THE "TEMPORARY WORK ZONE TRAFFIC MANAGEMENT POLICY" (LATEST EDITION).
12. PRIOR TO FINAL APPROVAL AND ACCEPTANCE OF THE WORK, THE DEVELOPER/CONTRACTOR WILL BE REQUIRED TO CLEAN AND REPAIR ADJACENT (OFF-PROJECT) ROADWAYS USED OR DAMAGED DURING THE COURSE OF CONSTRUCTION.
13. EMERGENCY VEHICLE ACCESS (E.V.A.) MUST BE PROVIDED BY THE DEVELOPER/CONTRACTOR THROUGHOUT THE PROJECT SITE. E.V.A. ROADS AND SIGNAGE SHALL BE MAINTAINED BY THE DEVELOPER/CONTRACTOR AT ALL TIMES. SIGNAGE SHALL BE POSTED AT THE POINT OF ENTRY TO THE SITE AND AT ALL LOCATIONS WHERE A CHANGE IN DIRECTION OCCURS.
14. THE PLANS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT'S ACCESSIBILITY GUIDELINES, AS PUBLISHED IN THE FEDERAL REGISTER ON SEPTEMBER 15, 2010.

STREET LIGHTING PLANS

FOR

HOMESTEAD AT MARLEY PARK PHASE 4&5
PARCEL 1B

A PORTION OF THE NORTHWEST QUARTER OF SECTION 16, TOWNSHIP 3 NORTH, RANGE 1 WEST OF THE
GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, CITY OF SURPRISE, ARIZONA

DEVELOPER

MERITAGE HOMES OF ARIZONA, INC.
8800 E. RAINTREE DR., STE. 300
SCOTTSDALE, AZ 85260
PHONE: (480) 515-8251
CONTACT: JASON JARVIS

CIVIL ENGINEER

ENTELLUS, INC.
3033 N. 44TH STREET, STE 250
PHOENIX, ARIZONA 85018
PHONE: (602) 244-2566
CONTACT: MICHAEL R. GLEESON, P.E.

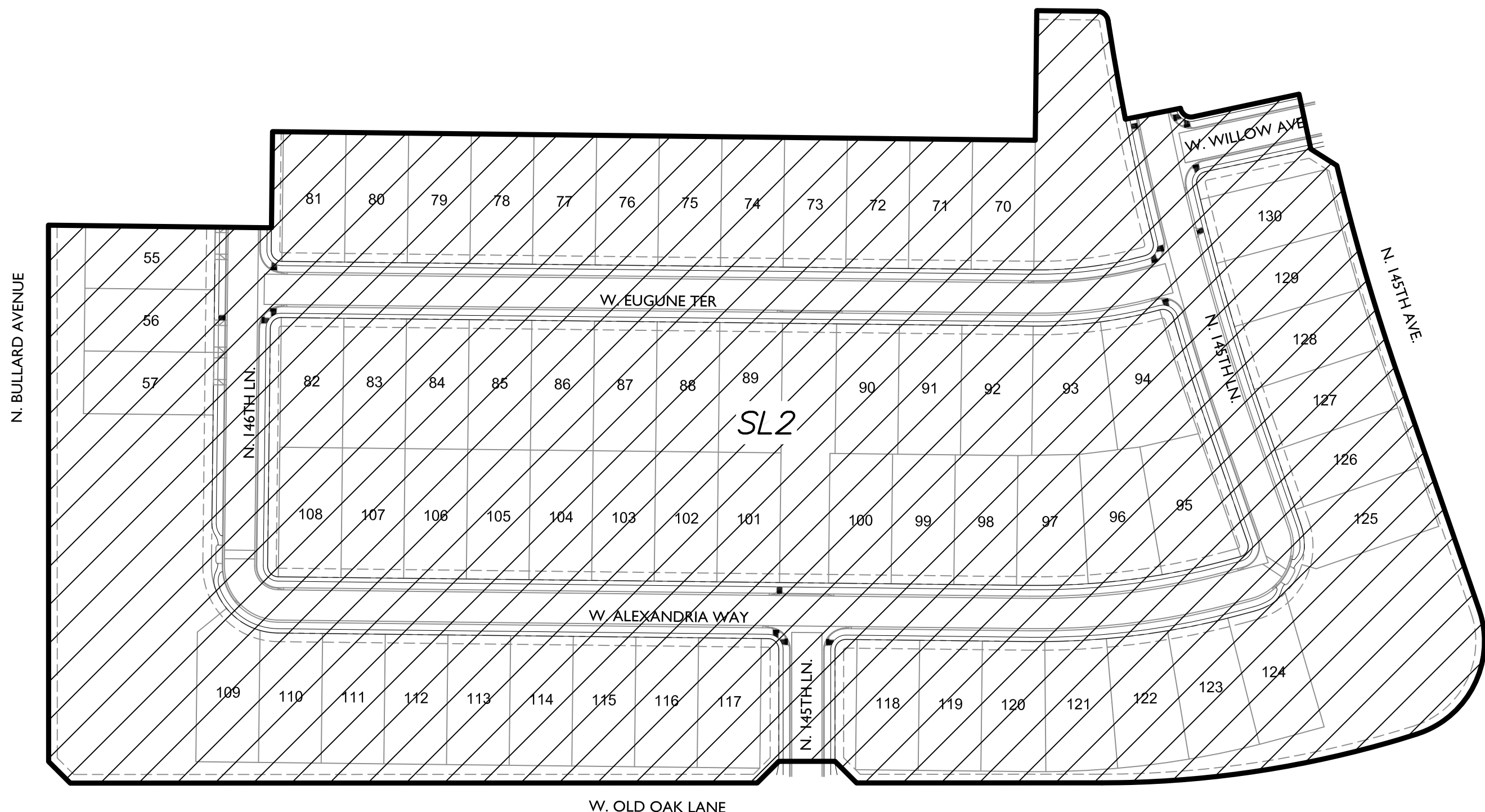
ELECTRICAL ENGINEER

DARCOR & ASSOCIATES
7600 N. 16TH STREET, STE 212
PHOENIX, AZ 85020
PHONE: (602) 795-2699
CONTACT: DARWIN REYNOLDS, P.E.

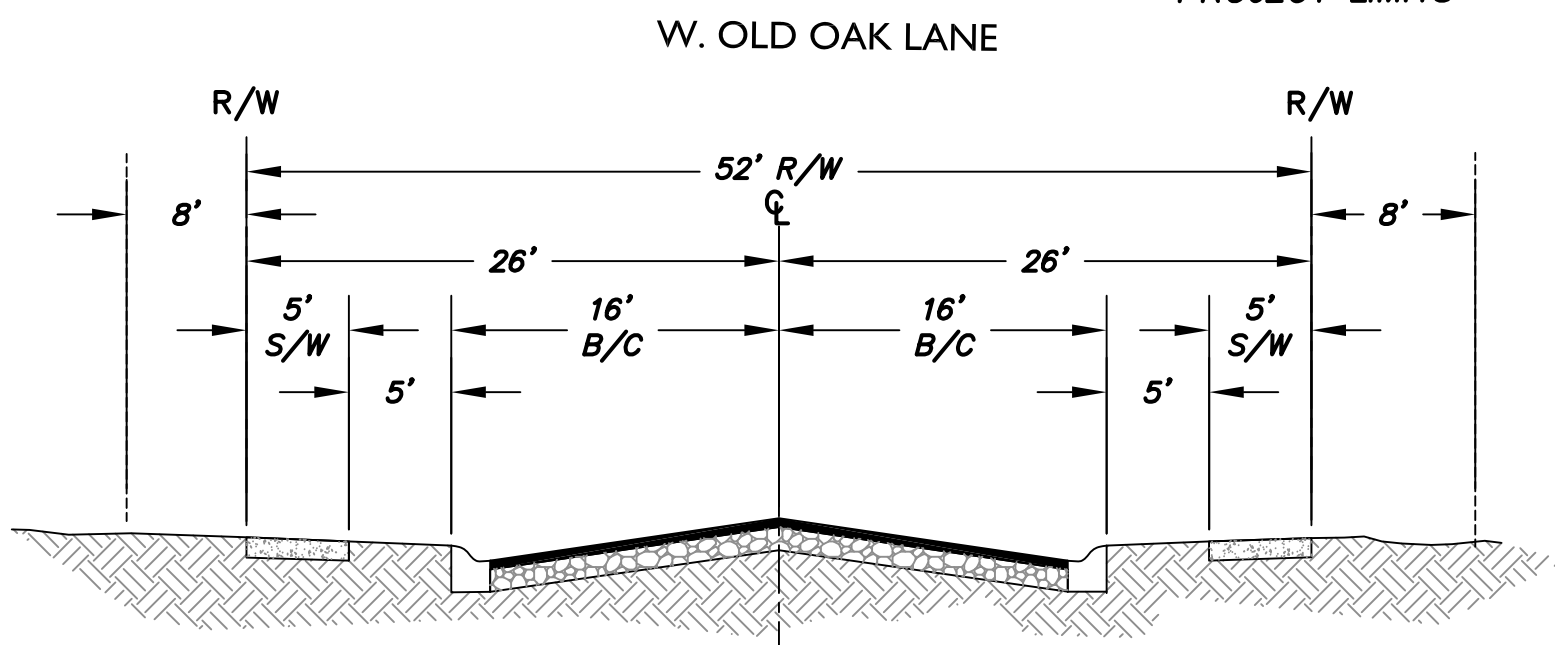
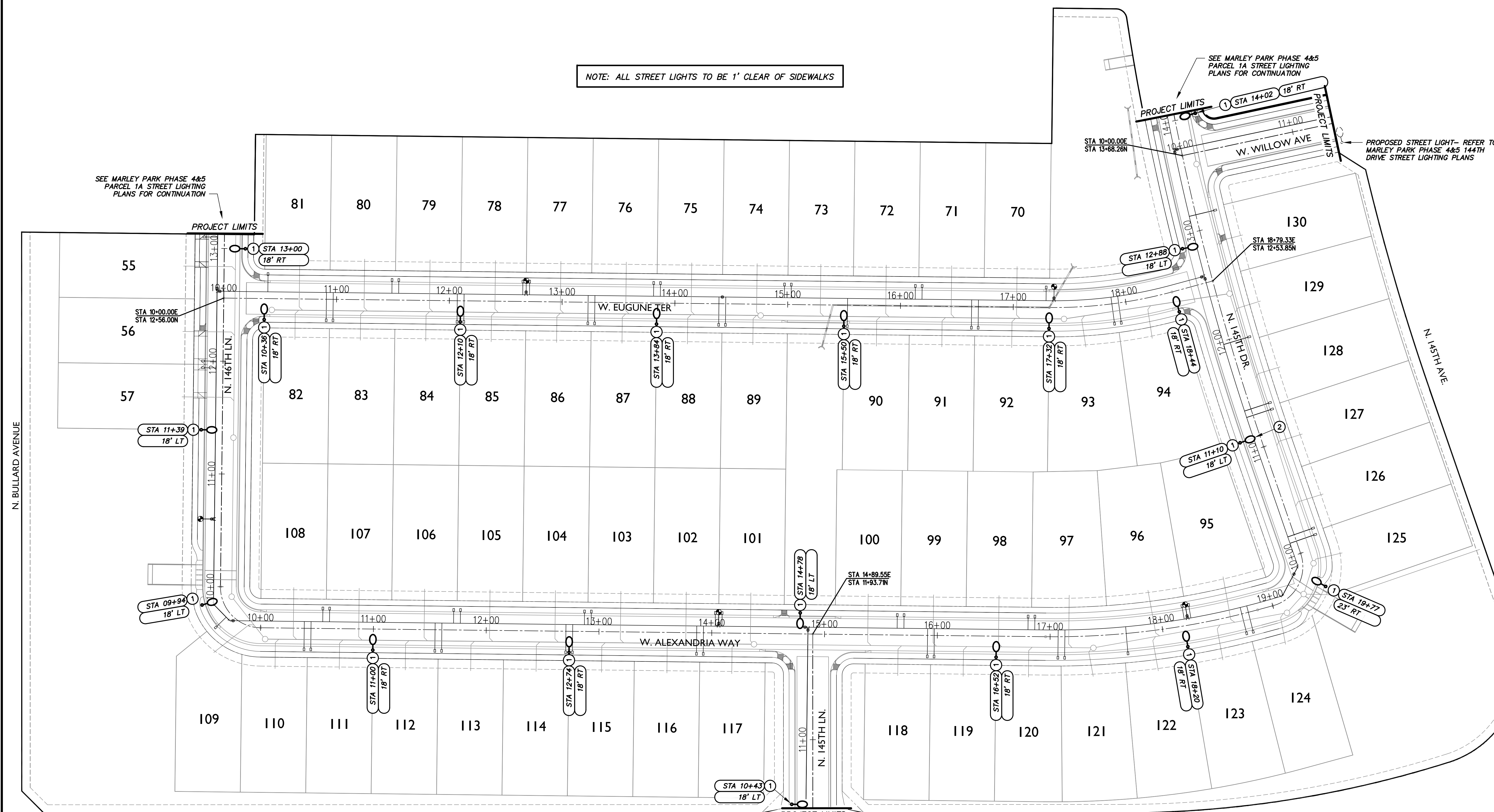
UTILITIES

THESE PLANS HAVE BEEN SUBMITTED TO THE FOLLOWING UTILITY COMPANIES FOR REVIEW OF ANY UTILITY CONFLICTS. IF ANY CONFLICTS ARISE DURING THE COURSE OF CONSTRUCTION FROM UNFORESEEN CIRCUMSTANCES, IT SHALL BE REPORTED TO THE APPROPRIATE UTILITY COMPANY AND BE RESOLVED BY THEM AND THE DESIGN ENGINEER.

UTILITY COMPANY	CONTACT	CONTACT METHOD	DATE SIGNED
ARIZONA PUBLIC SERVICE	CLAUDIO RIOS	623-975-8505	9/11/17
COX COMMUNICATIONS	DAN DISCHINGER	623-328-4178	9/11/17
CENTURY LINK	RONJEAN GRANT-SLOAN	480-768-4294	9/11/17
SOUTHWEST GAS	ANGELICA ONTIVEROS	602-484-5345	9/11/17



NOTE: ALL STREET LIGHTS TO BE 1' CLEAR OF SIDEWALKS

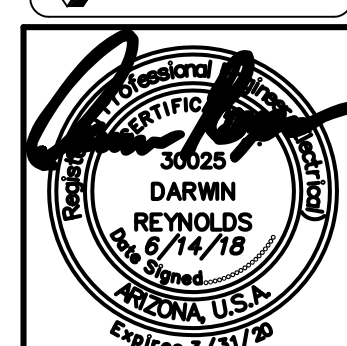


LOCAL STREET WITH ON-STREET PARKING-
LOOKING NORTH OR EAST
N.T.S.

KEY NOTE

1. INSTALL 41W, 3000K LED (4,800 LUMENS) BRONZE COBRAHEAD LUMINAIRE MOUNTED ON A 30'-6" DIRECT BURIED SQUARE STEEL POLE WITH A 2'-0" MAST ARM (25' MOUNTING HEIGHT). SEE APS STANDARD DETAIL 8030 AND APPLICABLE APS DETAILS ON SHEET SL3.
2. LUMINAIRE TO INCLUDE AN APPROVED APS HOUSE-SIDE SHIELD.

CALL TWO WORKING DAYS BEFORE YOU DIG
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

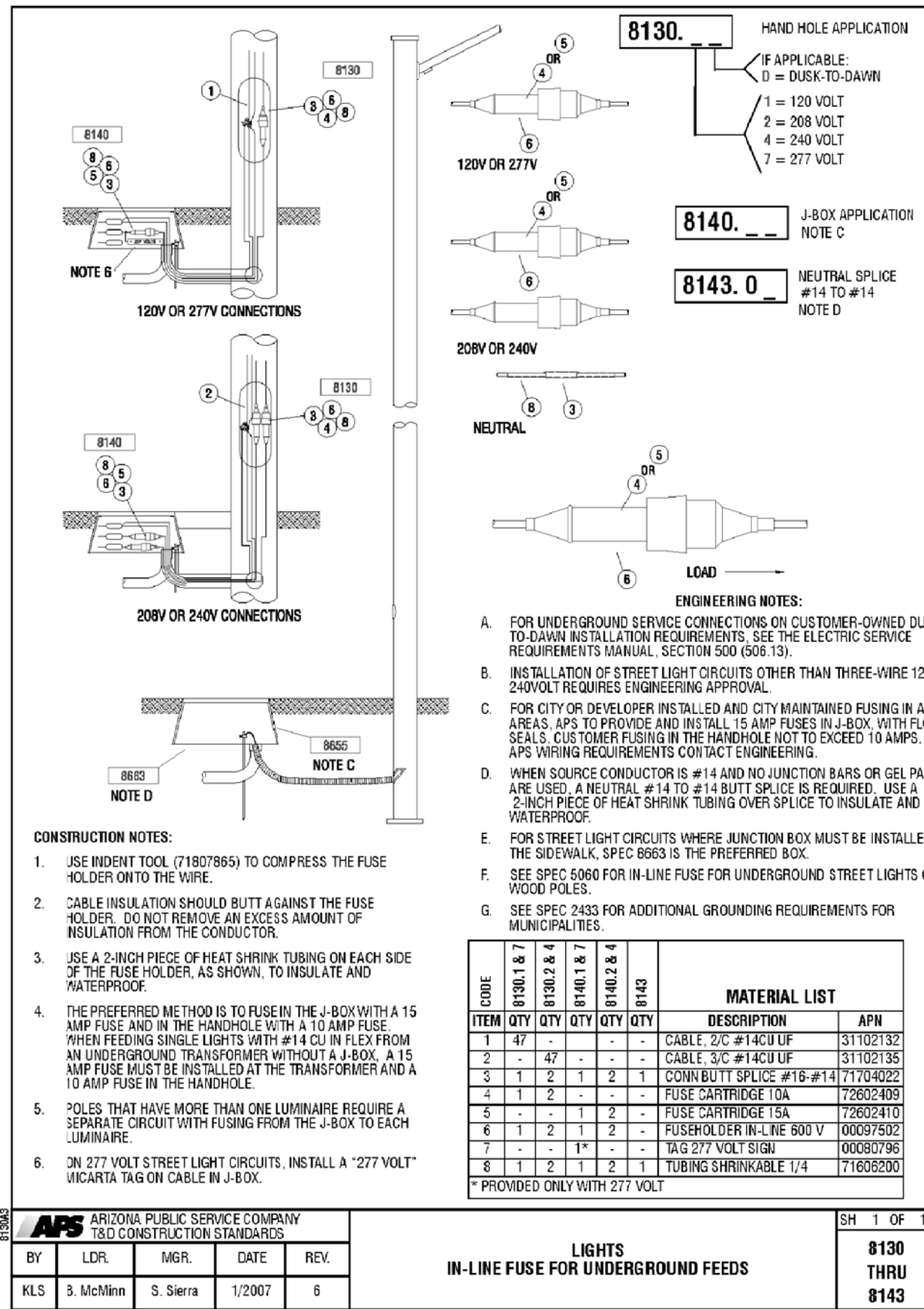
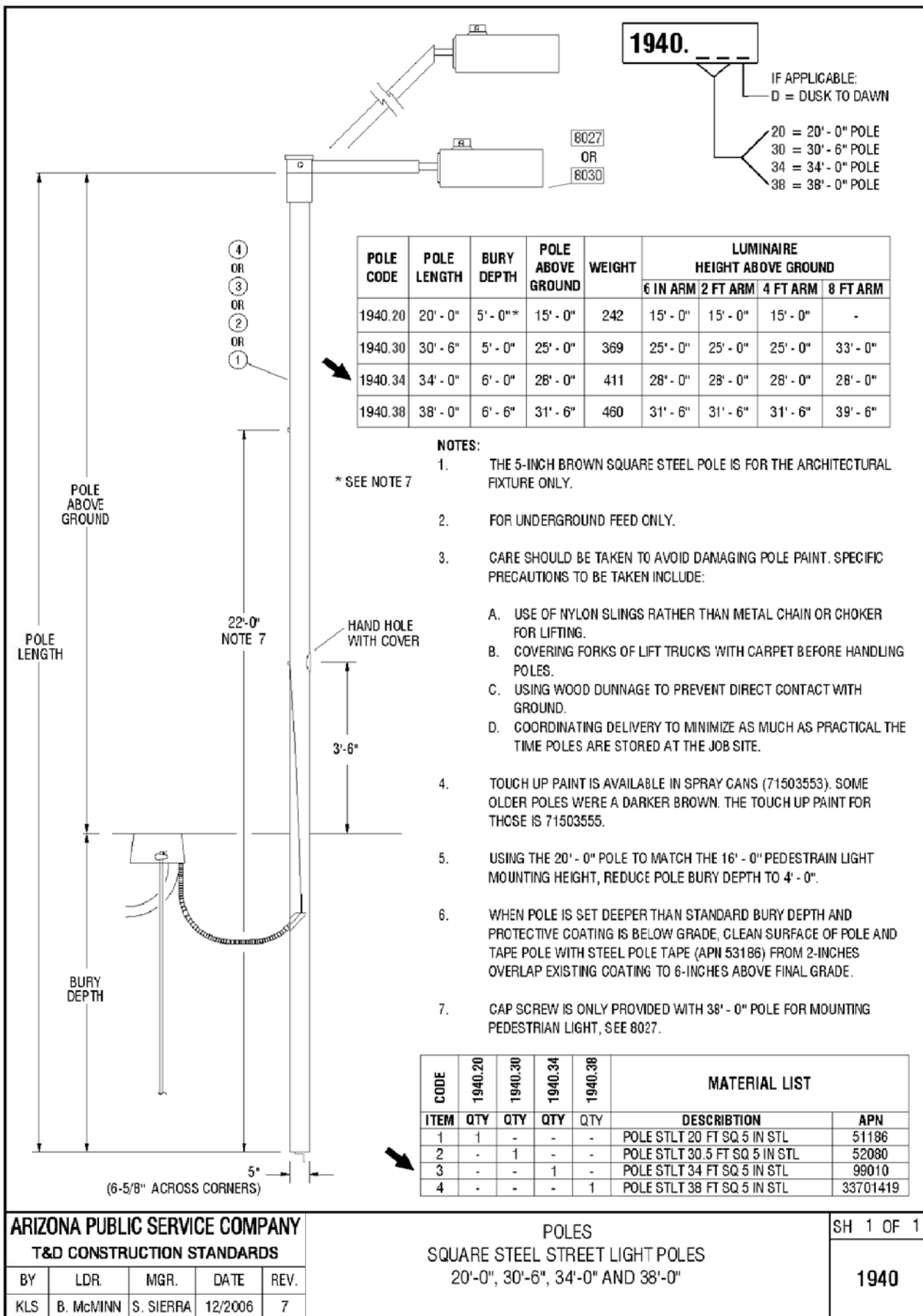
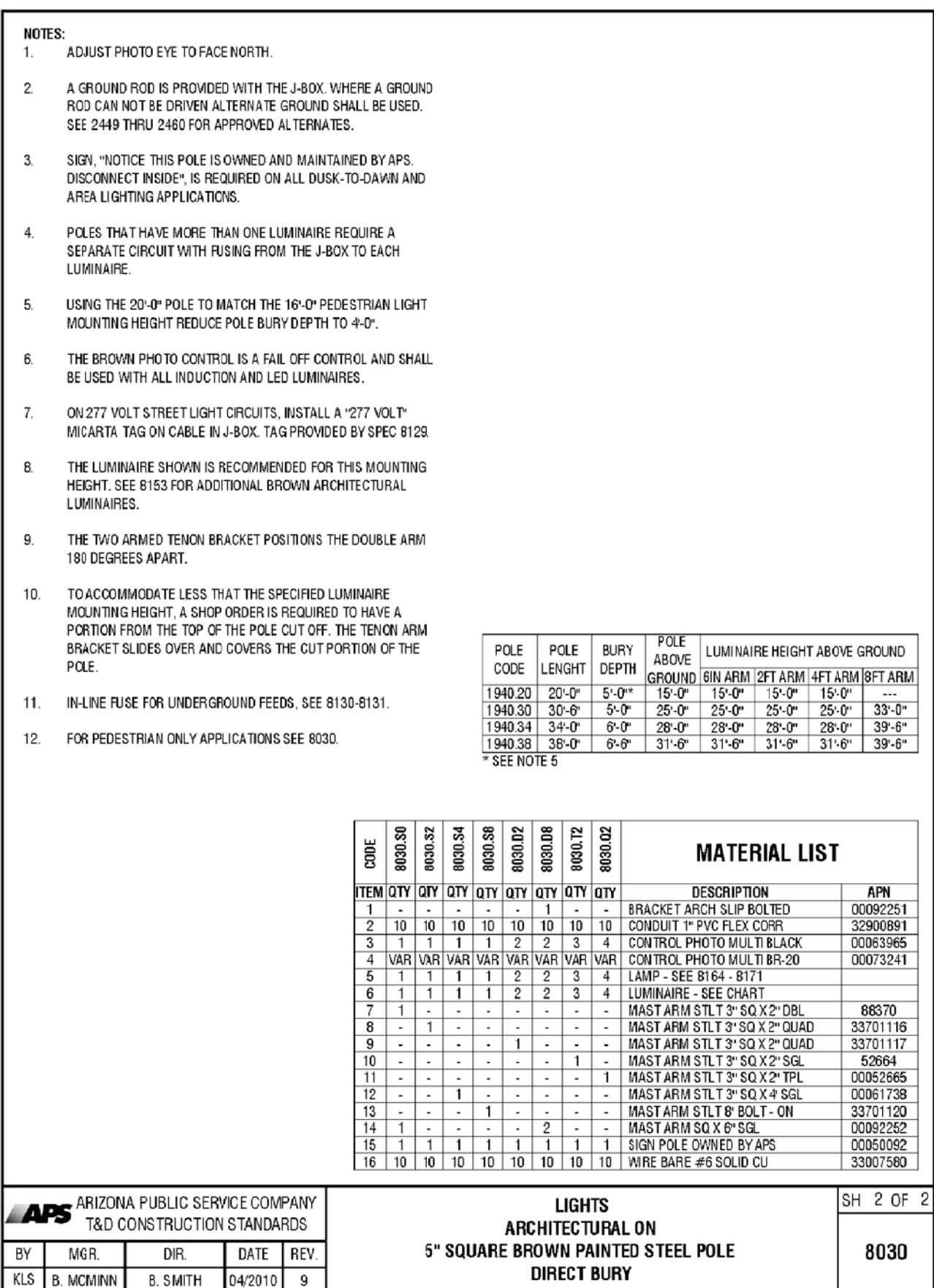
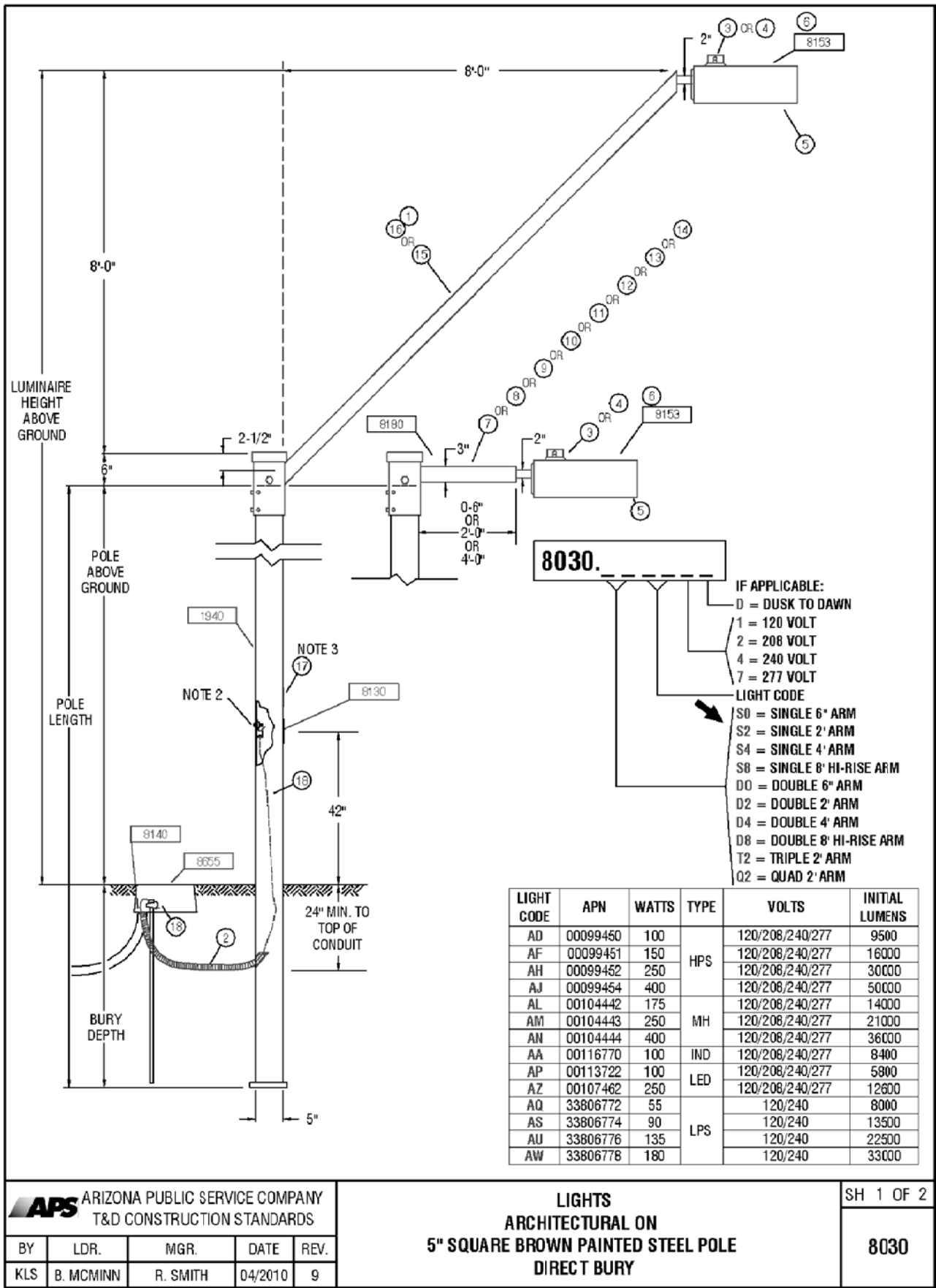


DARCOR
ELECTRICAL CONSULTING ENGINEERS
7800 N. 16TH ST.
SUITE 212
PHOENIX, AZ 85020
Ph: (602) 795-2899
WWW.DARCORINC.COM

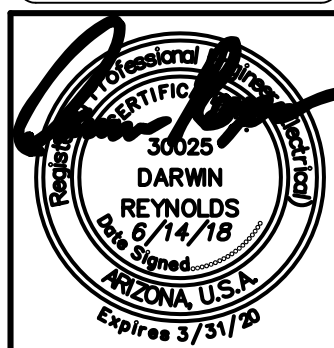
PROJECT TITLE
**HOMESTEAD AT MARLEY PARK -
PARCEL 1B SURPRISE, ARIZONA**

SHEET TITLE
**STREET LIGHTING
PLAN VIEW**

DATE JUN 2018	DESIGNED: DAR	DWG No. SL2	SHEET 2
SCALE AS SHOWN	DRAWN: BPR	PROJ No. 18001	OF 3
CHECKED: DAR			



CALL TWO WORKING DAYS
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1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)



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ELECTRICAL CONSULTING ENGINEERS

7800 N. 16TH ST.
SUITE 212
PHOENIX, AZ 85020
Ph: (602) 795-2699
WWW.DARCORINC.COM

PROJECT TITLE
HOMESTEAD AT MARLEY PARK -
PARCEL 1B SURPRISE, ARIZONA

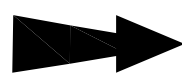
SHEET TITLE
STREET LIGHTING
DETAILS

DATE	DESIGNED:	DWG No.	SHEET
JUN 2018	DAR	SL3	3

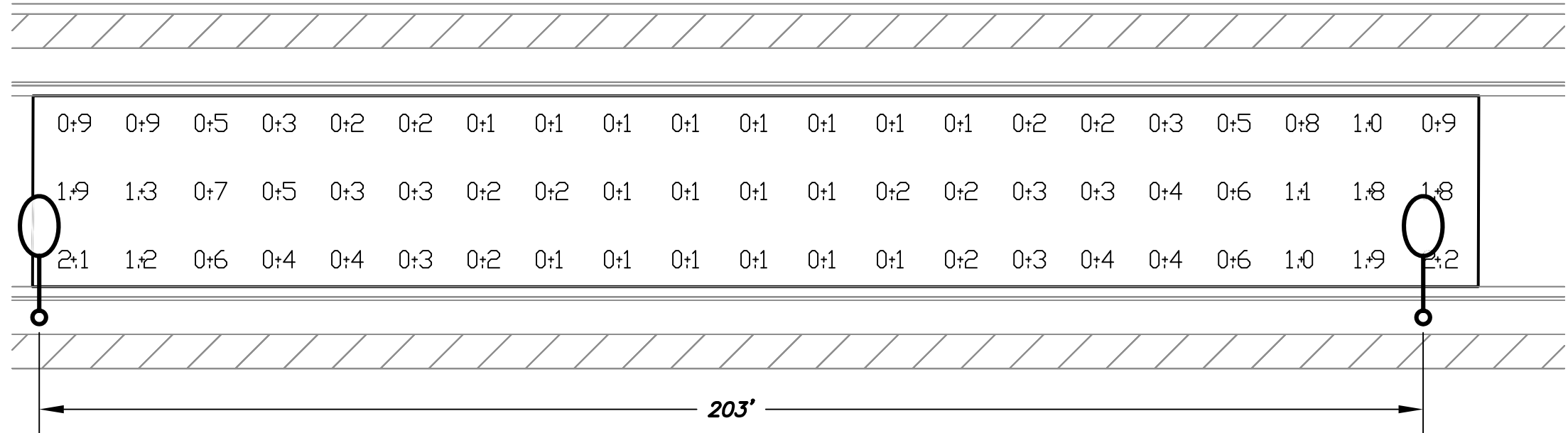
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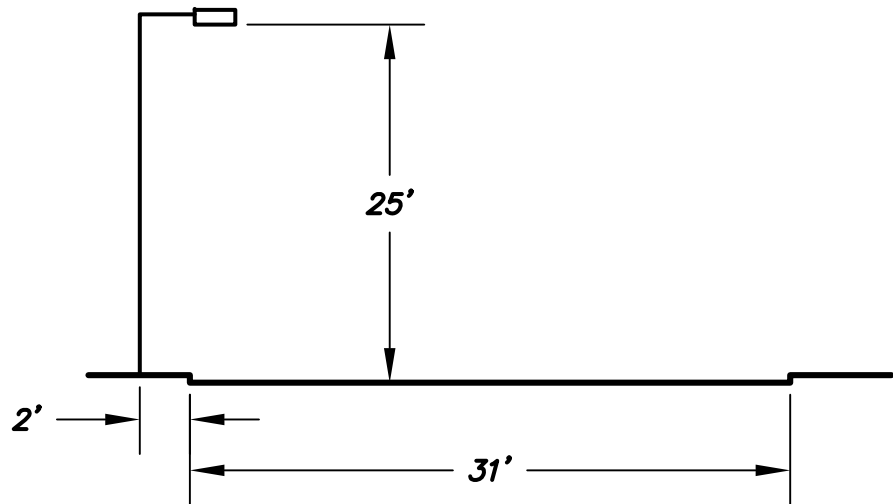
APS APPROVED LED STREET LIGHTS								
AS OF 3-15-18								
APN	LIGHT CODE	LAMP	WATTS	LUMENS	CCT	COLOR	G.E. MODEL NUMBER	IES CURVE NUMBER
141047	RL41	LED	32	3,800	3000K	DK BRONZE	ERL1004B130ADKBZGRX	ERL1_04B130-120-277V.IES
141048	RL41	LED	41	4,800	3000K	DK BRONZE	ERL1005E130ADKBZGRX	ERL1_05E130-120-277V.IES
141049	RL42	LED	88	8,200	3000K	DK BRONZE	ERL1008E130ADKBZGRX	ERL1_08E130.IES
141050	RL43	LED	108	11,100	3000K	DK BRONZE	ERLH011E130ADKBZGRX	ERLH_11E130.IES
141040	CL50	LED	32	3,800	3000K	GRAY	ERL1004B130AGRAYGRX	ERL1_04B130-120-277V.IES
141041	CL51	LED	41	4,800	3000K	GRAY	ERL1005E130AGRAYGRX	ERL1_05E130-120-277V.IES
141043	CL52	LED	88	8,200	3000K	GRAY	ERL1008E130AGRAYGRX	ERL1_08E130.IES
141045	CL53	LED	108	11,100	3000K	GRAY	ERLH011E130AGRAYGRX	ERLH_11E130.IES
128251	RL50	LED	32	3,900	4000K	DK BRONZE	ERL1004B140ADKBZGRX	ERL1_04B140-120-277V.IES
126804	RL51	LED	41	5,000	4000K	DK BRONZE	ERL1005E140ADKBZGRX	ERL1_05E140-120-277V.IES
126805	RL52	LED	88	8,500	4000K	DK BRONZE	ERL1008E140ADKBZGRX	ERL1_08E140.IES
	RL53	LED	108	11,500	4000K	DK BRONZE	ERLH011E140ADKBZGRX	ERLH_11E140.IES
128329	CL60	LED	32	3,900	4000K	GRAY	ERL1004B140AGRAYGRX	ERL1_04B140-120-277V.IES
128330	CL61	LED	41	5,000	4000K	GRAY	ERL1005E140AGRAYGRX	ERL1_05E140-120-277V.IES
128331	CL62	LED	88	8,500	4000K	GRAY	ERL1008E140AGRAYGRX	ERL1_08E140.IES
128332	CL63	LED	108	11,500	4000K	GRAY	ERLH011E140AGRAYGRX	ERLH_11E140.IES



ROADWAY LOCAL	
63 points at z=0, sp 10ft by 10ft	
HORIZONTAL FOOTCANDLES	
Average	0.52
Maximum	2.20
Minimum	0.10
AvgMin	5.20
Max:Min	22.0
Coef Var	1.07
UnifGrad	2.12



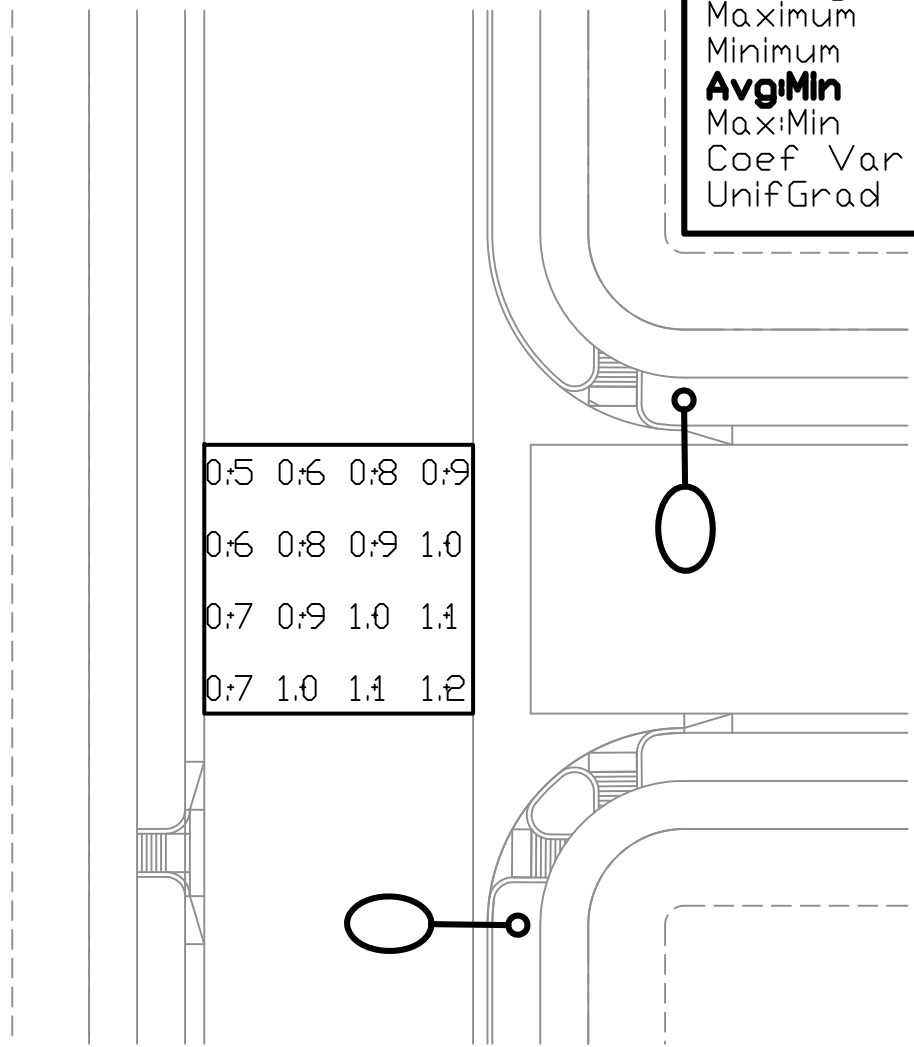
WORST CASE SPACING FOR 31' WIDE ROADWAY
(LOCAL) (41W) (25' H)



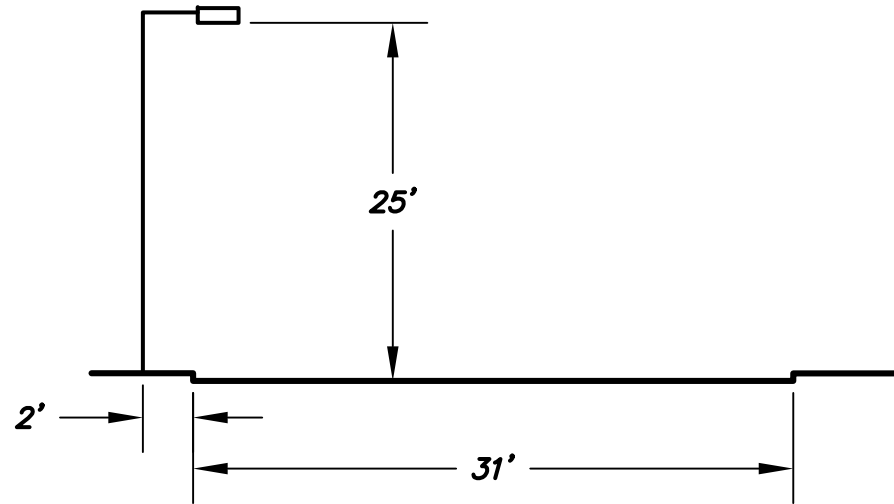
LUMINAIRE INPUT DATA	
GE Lighting Solutions	
lamp(s):	LED
candela file	'ERL1_05E130-120-277V.IES'
1 lamp(s) per luminaire,	4,800 initial lumens per lamp
Light Loss Factor = 0.9,	watts per luminaire = 41
Outreach (from mounting axis to photometric center)=	30 in
mounting height=	25 ft



INTERSECTION	
16 points at z=0, sp 7.5ft by 7.5ft	
HORIZONTAL FOOTCANDLES	
Average	0.86
Maximum	1.20
Minimum	0.50
AvgMin	1.72
Max:Min	2.40
Coef Var	0.23
UnifGrad	1.43



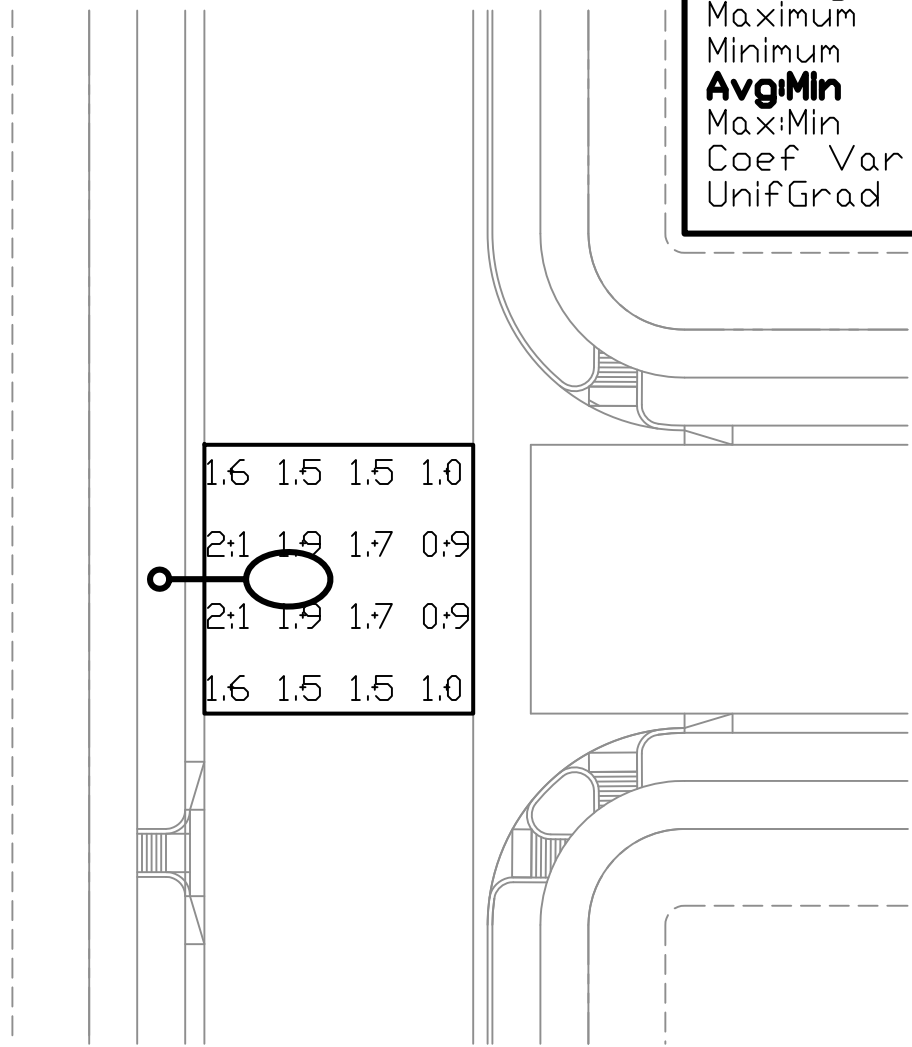
TYPICAL LOCAL/LOCAL ROADWAY INTERSECTION
(LOCAL) (41W) (25' H) (TWO LIGHTS)



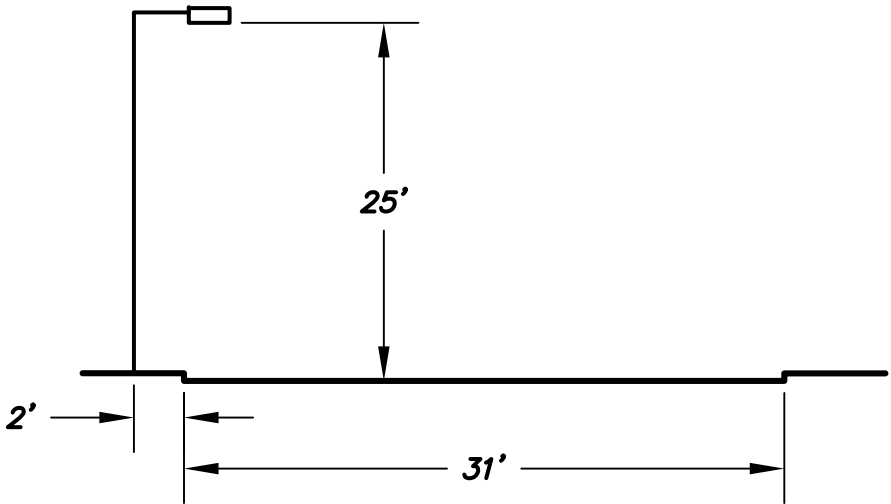
LUMINAIRE INPUT DATA	
GE Lighting Solutions	
lamp(s):	LED
candela file	'ERL1_05E130-120-277V.IES'
1 lamp(s) per luminaire,	4,800 initial lumens per lamp
Light Loss Factor = 0.9,	watts per luminaire = 41
Outreach (from mounting axis to photometric center)=	30 in
mounting height=	25 ft



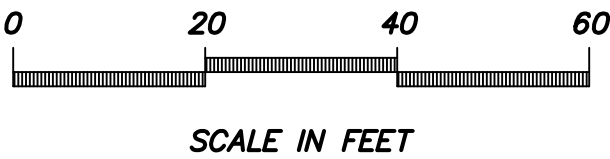
INTERSECTION	
16 points at z=0, sp 7.5ft by 7.5ft	
HORIZONTAL FOOTCANDLES	
Average	1.53
Maximum	2.10
Minimum	0.90
AvgMin	1.70
Max:Min	2.33
Coef Var	0.25
UnifGrad	1.89



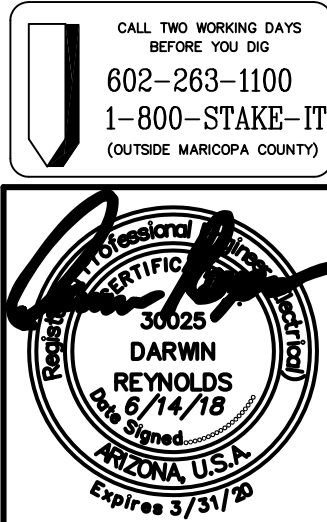
TYPICAL LOCAL/LOCAL ROADWAY INTERSECTION
(LOCAL) (41W) (25' H) (ONE LIGHT)



LUMINAIRE INPUT DATA	
GE Lighting Solutions	
lamp(s):	LED
candela file	'ERL1_05E130-120-277V.IES'
1 lamp(s) per luminaire,	4,800 initial lumens per lamp
Light Loss Factor = 0.9,	watts per luminaire = 41
Outreach (from mounting axis to photometric center)=	30 in
mounting height=	25 ft



ALL PHOTOMETRIC CALCULATIONS ON THESE
PLANS REPRESENT ILLUMINANCE VALUES



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SUITE 212
PHOENIX, AZ 85020
Ph: (602) 795-2699
WWW.DARCORINC.COM

PROJECT TITLE

HOMESTEAD AT MARLEY PARK -
PARCEL 1B SURPRISE, ARIZONA

SHEET TITLE

ROADWAY PHOTOMETRIC
CALCULATIONS

DATE	JUN 2018	DESIGNED:	DAR	DWG No.	P1	SHEET	1
DRAWN:	BPR	PROJ No.	18001	OF	1		
CHECKED:	DAR						

CALL TWO WORKING DAYS
BEFORE YOU DIG
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

STREET LIGHTING PLANS
FOR
HOMESTEAD AT MARLEY PARK PHASE 4&5
PARCEL 3

A PORTION OF THE NORTHWEST QUARTER OF SECTION 16, TOWNSHIP 3 NORTH, RANGE 1 WEST OF THE
GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, CITY OF SURPRISE, ARIZONA

DEVELOPER

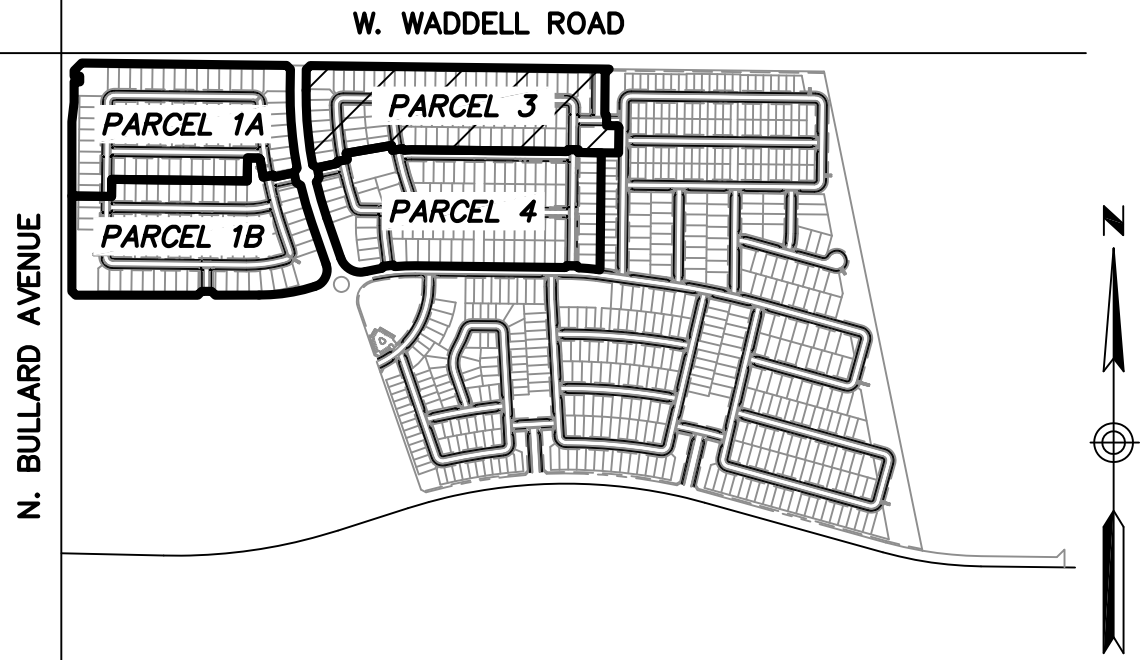
MERITAGE HOMES OF ARIZONA, INC.
8800 E. RAINTREE DR., STE. 300
SCOTTSDALE, AZ 85260
PHONE: (480) 515-8251
CONTACT: JASON JARVIS

CIVIL ENGINEER

ENTELLUS, INC.
3033 N. 44TH STREET, STE 250
PHOENIX, ARIZONA 85018
PHONE: (602) 244-2566
CONTACT: MICHAEL R. GLEESON, P.E.

ELECTRICAL ENGINEER

DARCOR & ASSOCIATES
7800 N. 16TH STREET, STE 212
PHOENIX, AZ 85020
PHONE: (602) 795-2699
CONTACT: DARWIN REYNOLDS, P.E.



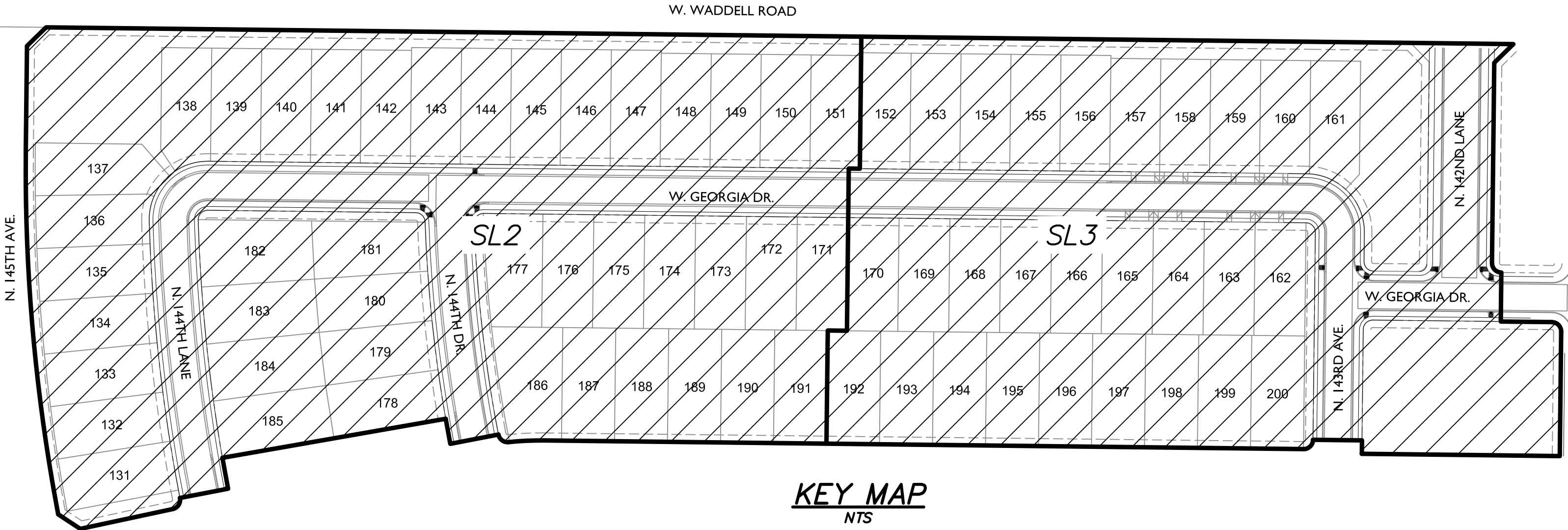
VICINITY MAP
NTS

THE ELECTRICAL / MAINTENANCE COSTS OF ALL STREET LIGHTS ON
LOCAL AND COLLECTOR STREETS (TYPICALLY THE 41 WATT / 4,800
LUMEN AND THE 88 WATT / 8,500 LUMEN FIXTURES) ARE TO BE PAID
BY THE ADJACENT PROJECT OR THE ADJACENT DEVELOPMENT'S
STREET LIGHT IMPROVEMENT DISTRICT (SLID)

LED TECHNOLOGY IS CHANGING RAPIDLY, THE FIXTURES SHOWN ON
THESE PLANS MAY NOT BE APPLICABLE AT TIME OF CONSTRUCTION.
CONTRACTOR TO COORDINATE WITH APS AND UTILIZE THEIR CURRENT
SPECIFICATION AT THE TIME OF BIDDING AND CONSTRUCTION.

CITY OF SURPRISE
GENERAL ENGINEERING NOTES

- ALL CONSTRUCTION MUST CONFORM TO MARICOPA ASSOCIATION OF GOVERNMENT (MAG) SPECIFICATIONS AND DETAILS AND LATEST REVISIONS UNLESS OTHERWISE STATED ON PLANS.
- THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND THEY WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL OVERHEAD AND UNDERGROUND UTILITY LOCATIONS WHERE CONSTRUCTION OCCURS. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT ALL UTILITIES ARE AVOIDED. UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND NOT FOR CONSTRUCTION PURPOSES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AND OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT ARIZONA UNDERGROUND FACILITIES LAWS (ARIZONA REVISED STATUTES TITLE 40, CHAPTER 2, ARTICLE 6.3, SECTION 40-360.21-32). CALL ARIZONA 811 FOR FIELD LOCATION BY DAIL 811.
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KEY MAP
NTS

SHEET INDEX

SHEET	DESCRIPTION
SL1	STREET LIGHTING COVER SHEET
SL2	STREET LIGHTING PLAN VIEW - I
SL3	STREET LIGHTING PLAN VIEW - II
SL4	STREET LIGHTING DETAILS
P1	TYPICAL STREET PHOTOMETRICS

LEGEND & QUANTITIES LIST

QTY	SYMBOL	DESCRIPTION
13		41W LED (4,800 LUMENS) STREET LIGHT
2		88W LED (8,500 LUMENS) STREET LIGHT

UTILITIES

THESE PLANS HAVE BEEN SUBMITTED TO THE FOLLOWING UTILITY COMPANIES FOR REVIEW OF ANY UTILITY CONFLICTS. IF ANY CONFLICTS ARISE DURING THE COURSE OF CONSTRUCTION FROM UNFORESEEN CIRCUMSTANCES, IT SHALL BE REPORTED TO THE APPROPRIATE UTILITY COMPANY AND BE RESOLVED BY THEM AND THE DESIGN ENGINEER.

UTILITY COMPANY	CONTACT	CONTACT METHOD	DATE SIGNED
ARIZONA PUBLIC SERVICE	CLAUDIO RIOS	623-975-8505	9/11/17
COX COMMUNICATIONS	DAN DISCHINGER	623-328-4178	9/11/17
CENTURY LINK	RONJUAN GRANT-SLOAN	480-768-4294	9/11/17
SOUTHWEST GAS	ANGELICA ONTIVEROS	602-484-5345	9/11/17

CITY OF SURPRISE SIGNATURE BLOCK

THIS SET OF PLANS HAS BEEN REVIEWED FOR COMPLIANCE WITH CITY REQUIREMENTS PRIOR TO ISSUANCE OF PERMITS. THE CITY NEITHER ACCEPTS NOR ASSUMES ANY LIABILITY FOR ERRORS OR OMISSIONS. THIS COMPLIANCE APPROVAL SHALL NOT PREVENT THE CITY ENGINEER FROM REQUIRING CORRECTIONS OF ERRORS OR OMISSIONS IN PLANS FOUND TO BE IN VIOLATION OF LAW OR ORDINANCES.

APPROVED _____
CITY OF SURPRISE ENGINEER

DATE _____

SLID# _____

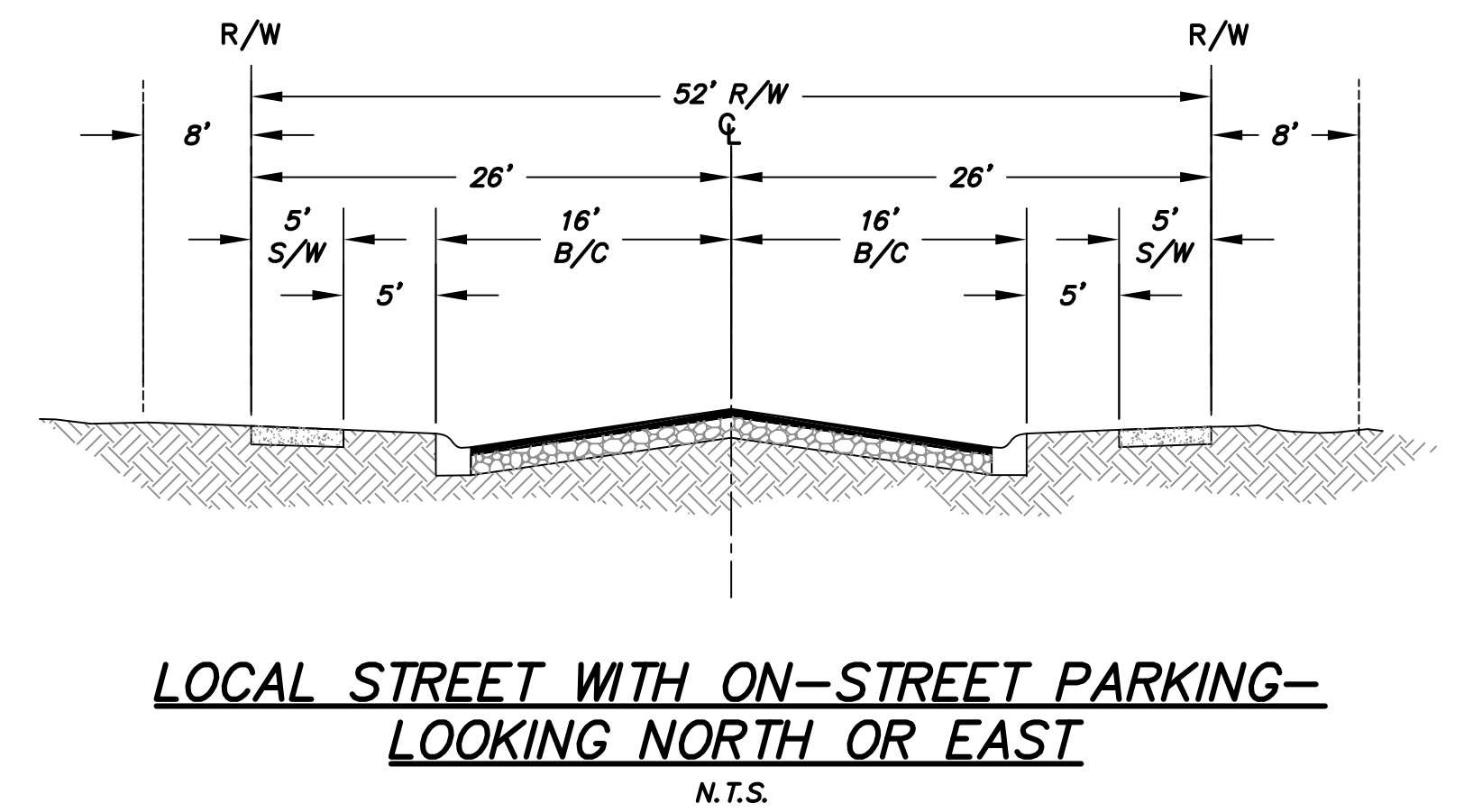
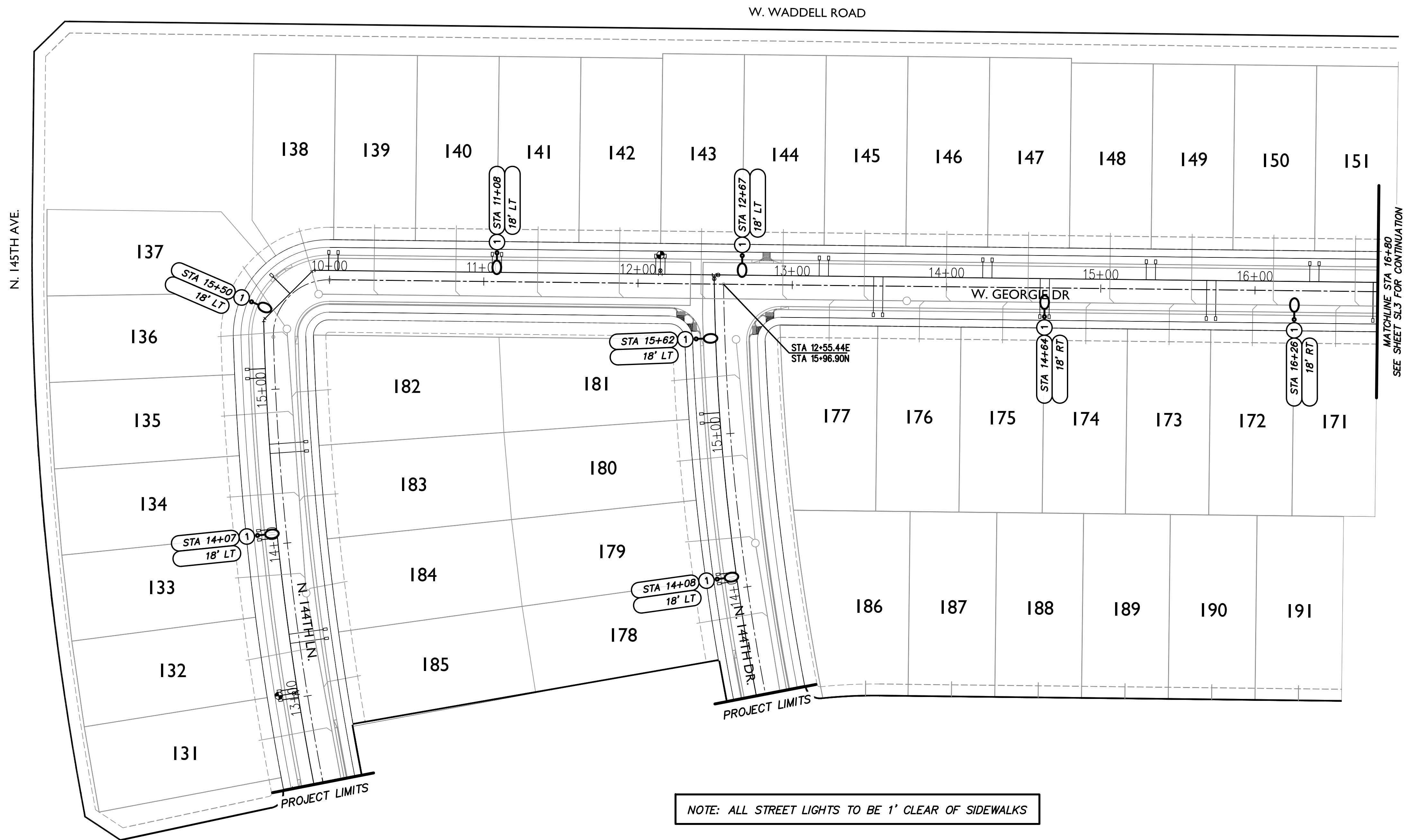
DARCOR
ELECTRICAL CONSULTING ENGINEERS
7800 N. 16TH ST.
SUITE 212
PHOENIX, AZ 85020
Ph: (602) 795-2699
WWW.DARCORINC.COM

PROJECT TITLE
**HOMESTEAD AT MARLEY PARK -
PARCEL 3 SURPRISE, ARIZONA**

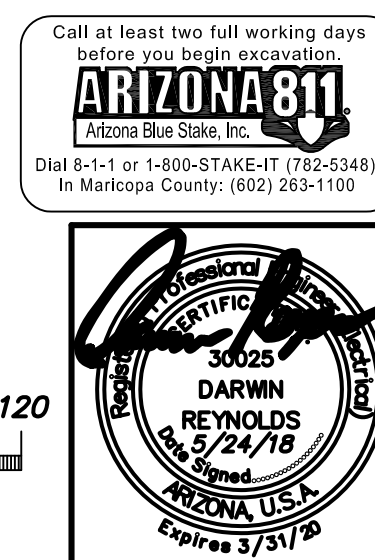
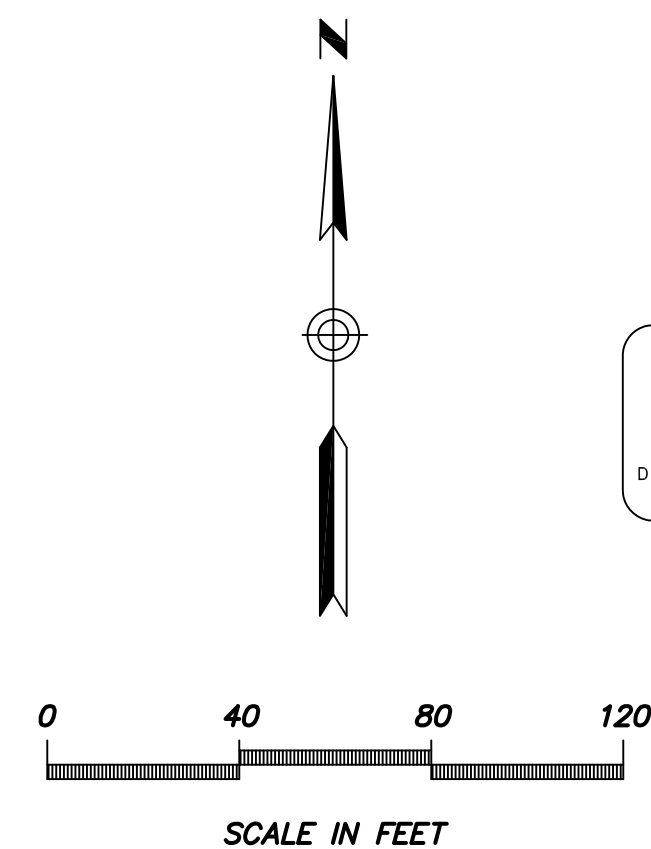
SHEET TITLE
**STREET LIGHTING
COVER SHEET**

DATE MAY 2018	DESIGNED: DAR	DWG No. SL1	SHEET 1
SCALE N/A	DRAWN: BPR	PROJ No. 18001	OF 4
	CHECKED: DAR		

File: 18001-3-SL2.dwg Drafter: Brandon Rickard Saved: May 24, 2018

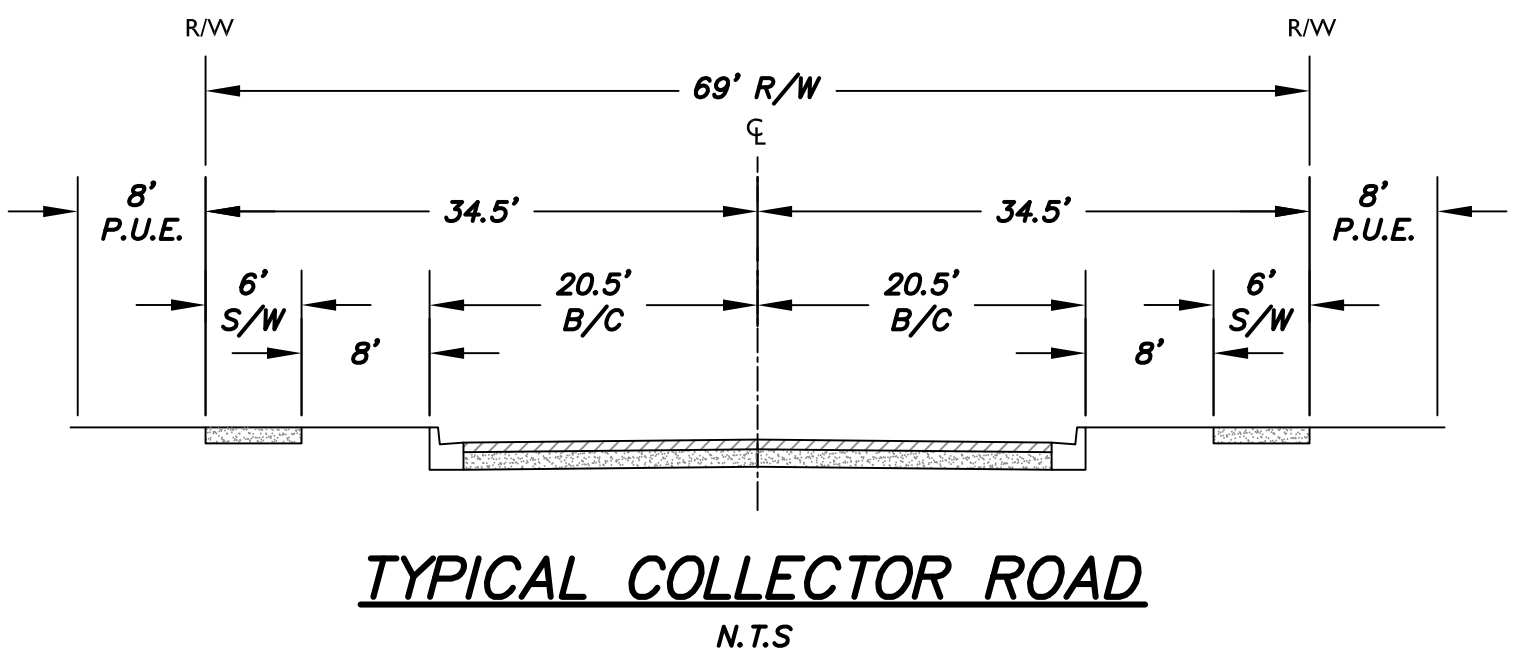
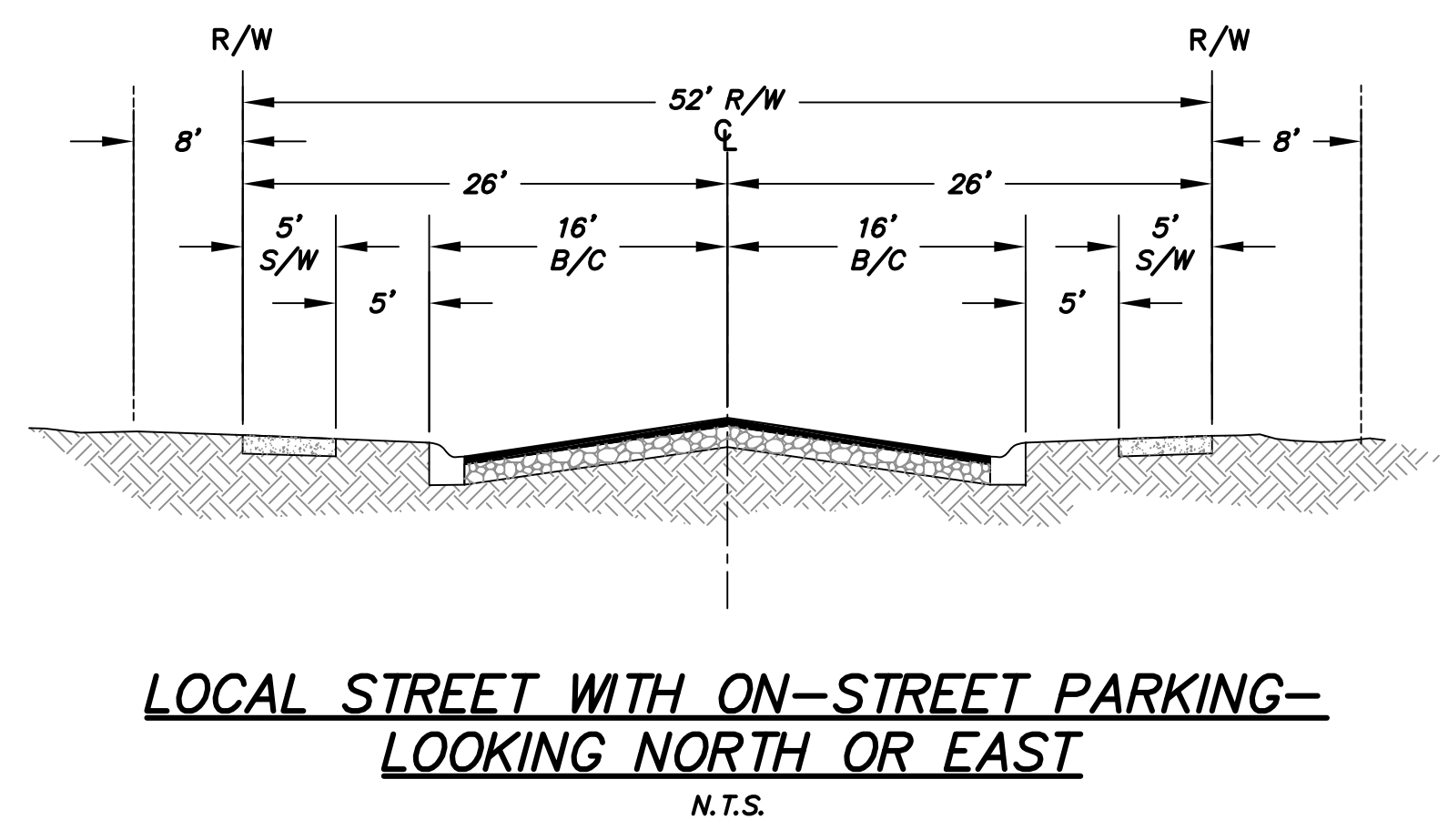
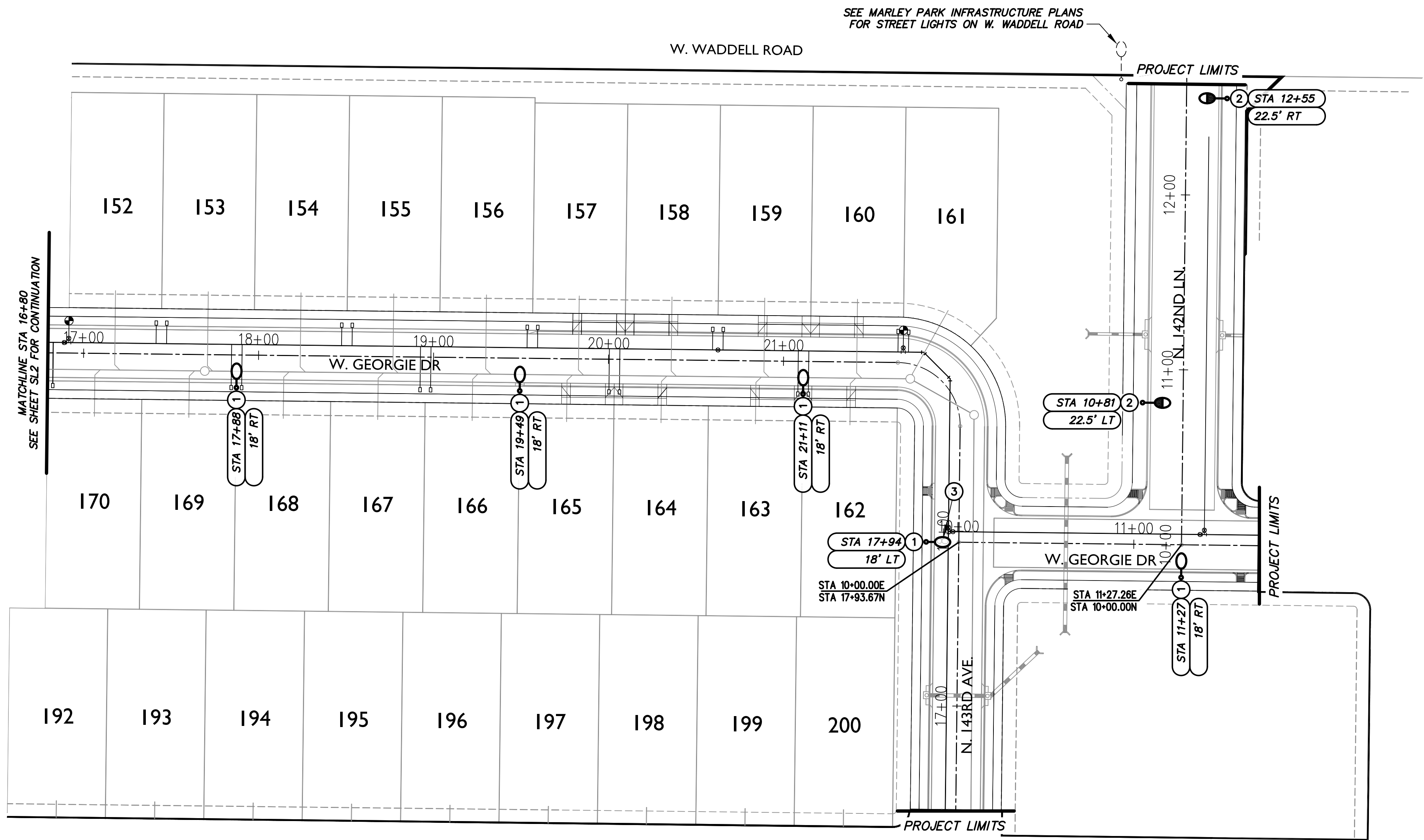


KEY NOTE	
①	INSTALL 41W, 3000K LED (4,800 LUMENS) BRONZE COBRAHEAD LUMINAIRE MOUNTED ON A 30'-6" DIRECT BURIED SQUARE STEEL POLE WITH A 2'-0" MAST ARM (25' MOUNTING HEIGHT). SEE APS STANDARD DETAIL 8030 AND APPLICABLE APS DETAILS ON SHEET SL4.

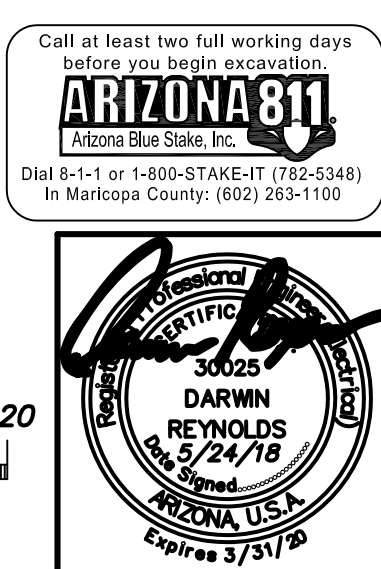
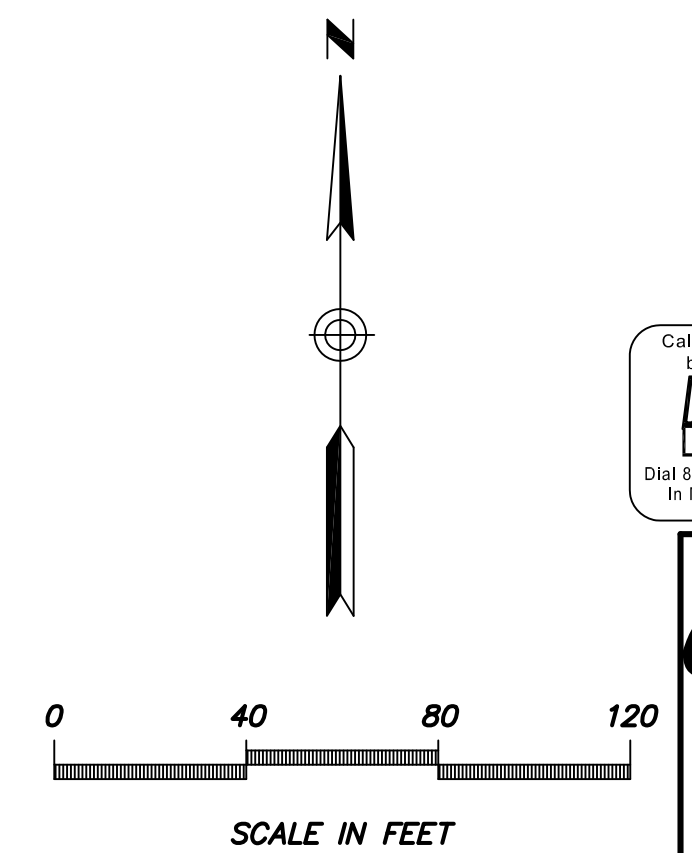


 ELECTRICAL CONSULTING ENGINEERS		7600 N. 16TH ST. SUITE 212 PHOENIX, AZ 85020 Ph: (602) 795-2899 WWW.DARCORINC.COM	
PROJECT TITLE HOMESTEAD AT MARLEY PARK - PARCEL 3 SURPRISE, ARIZONA			
SHEET TITLE STREET LIGHTING PLAN VIEW - I			
DATE MAY 2018	DESIGNED: DAR	DWG No. SL2	SHEET 2 OF 4
SCALE AS SHOWN	DRAWN: BPR CHECKED: DAR	PROJ No. 18001	

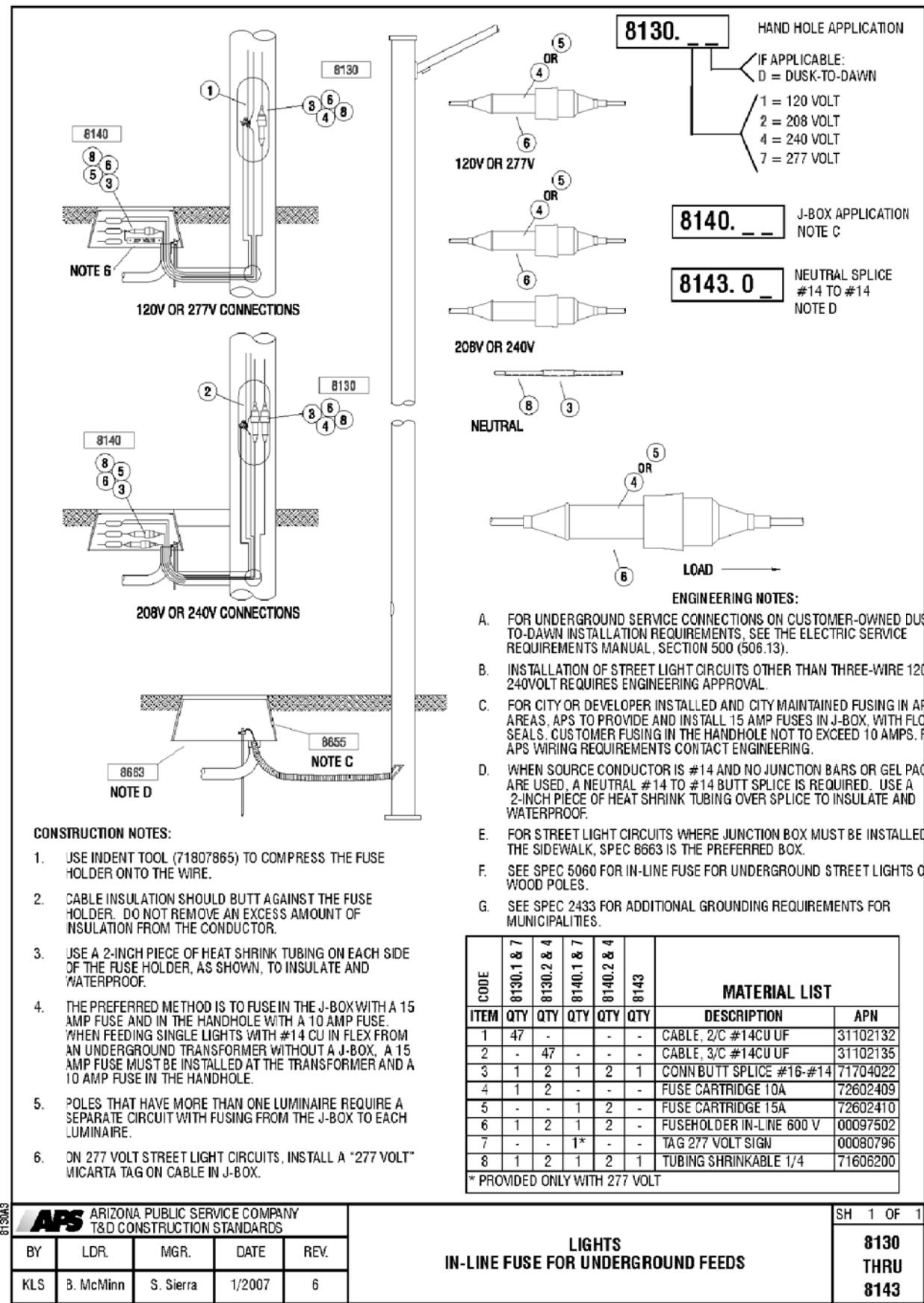
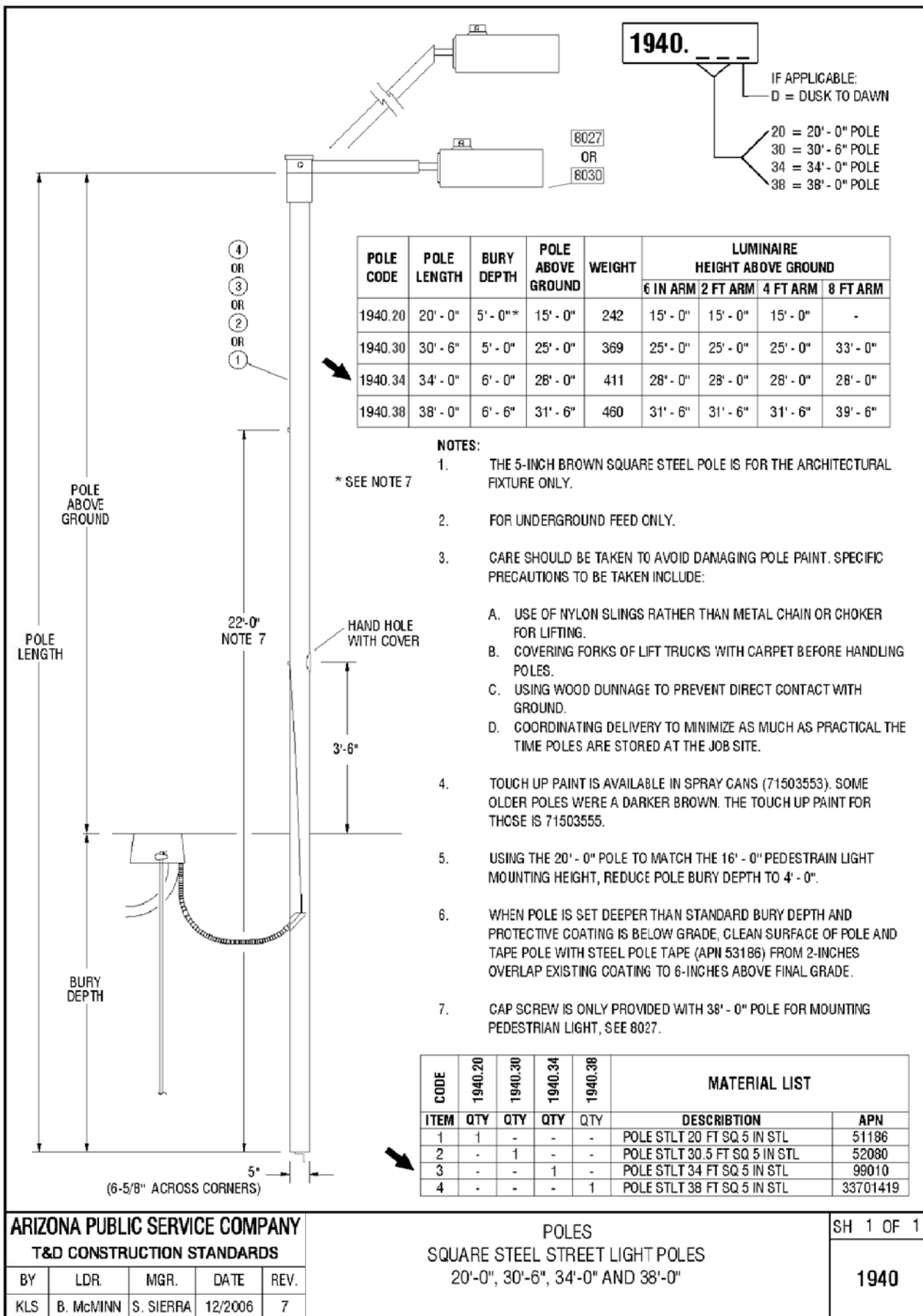
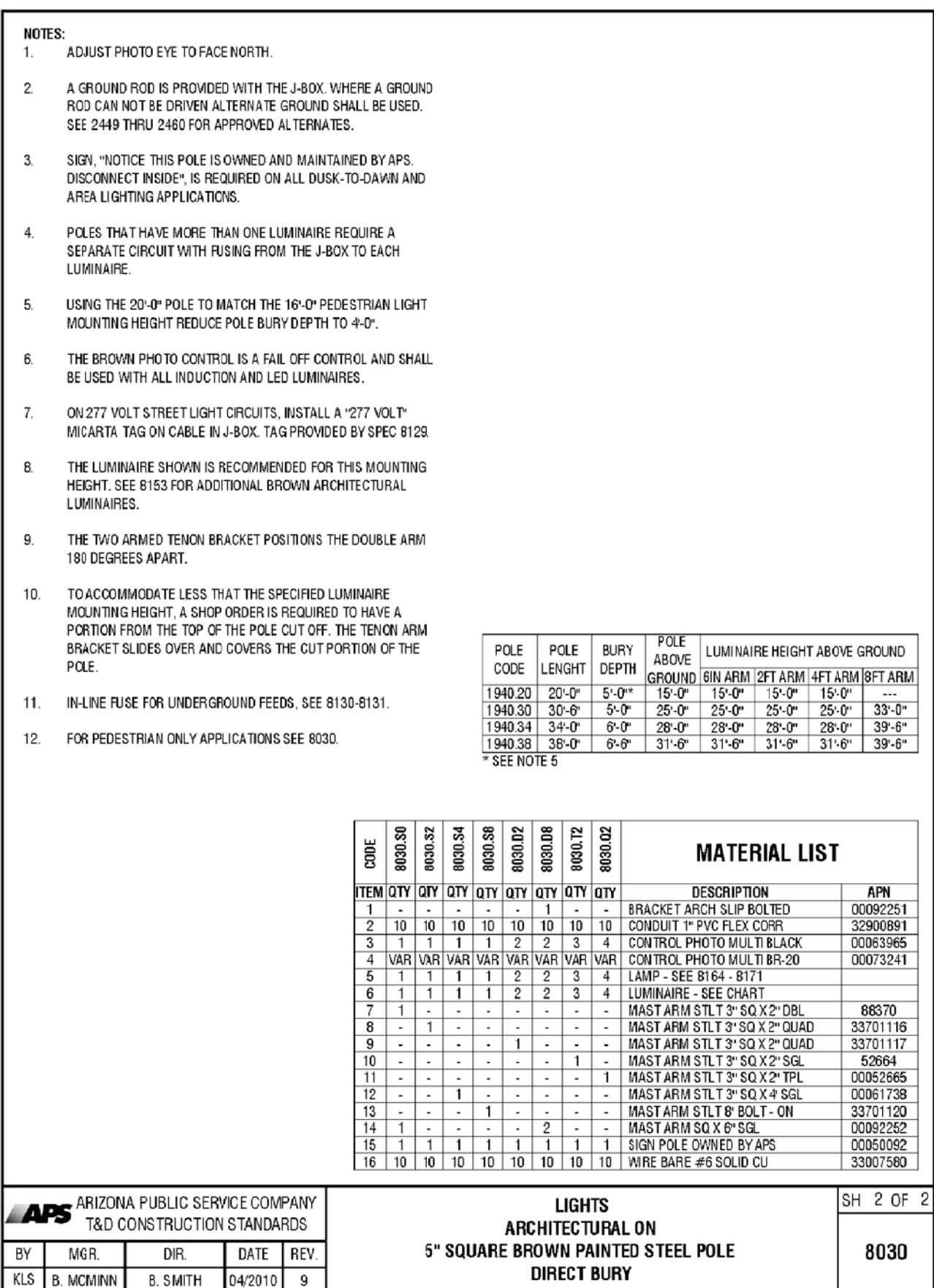
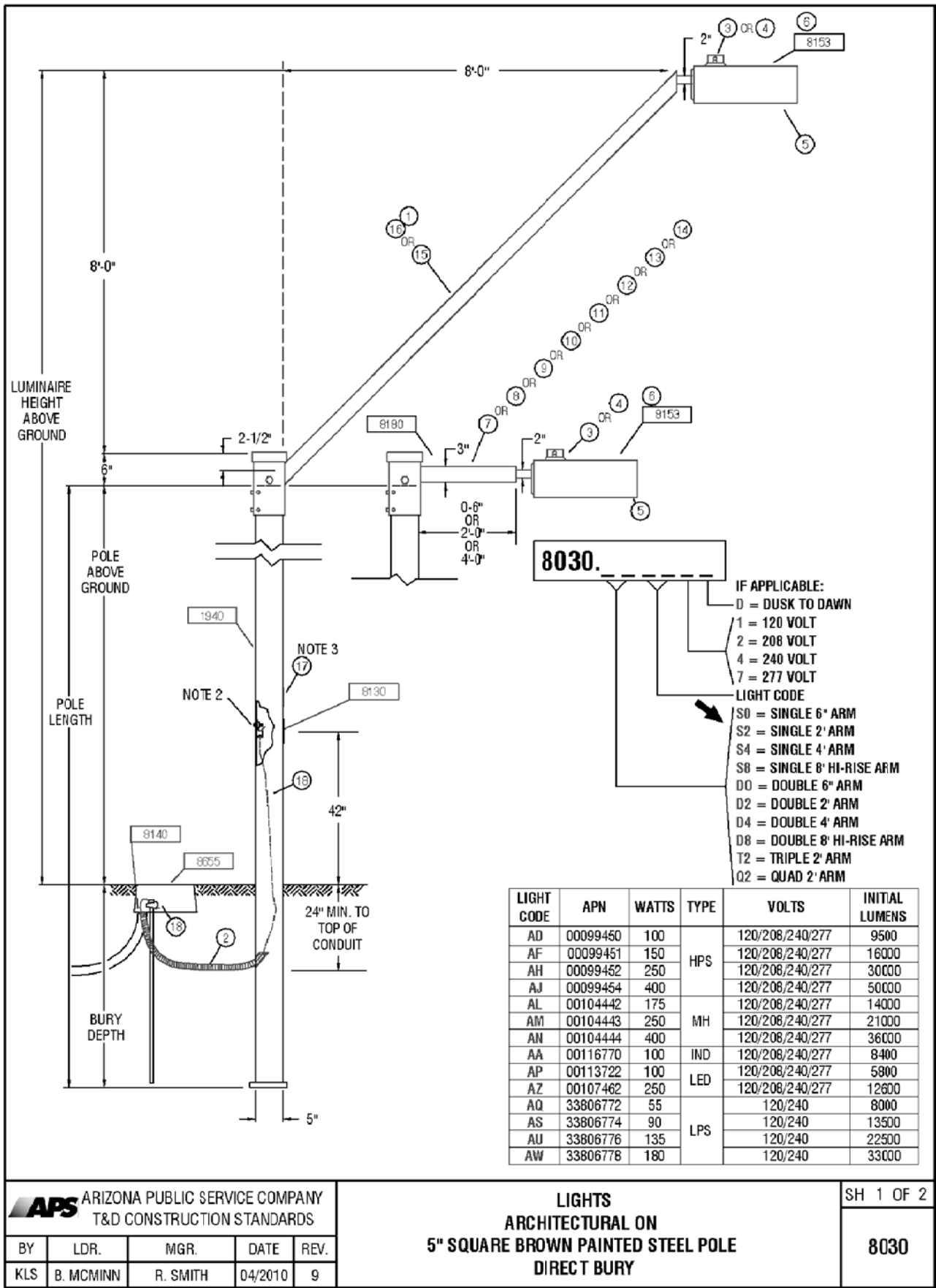
File: 18001-3-SL3.dwg Drafter: Brandon Rickard Saved: May 24, 2018



- | KEY NOTE | |
|----------|--|
| ① | INSTALL 41W, 3000K LED (4,800 LUMENS) BRONZE COBRAHEAD LUMINAIRE MOUNTED ON A 30'-6" DIRECT BURIED SQUARE STEEL POLE WITH A 2'-0" MAST ARM (25' MOUNTING HEIGHT). SEE APS STANDARD DETAIL 8030 AND APPLICABLE APS DETAILS ON SHEET SL4. |
| ② | INSTALL 88W, 4000K LED (8,500 LUMENS) BRONZE COBRAHEAD LUMINAIRE MOUNTED ON A 38'-0" DIRECT BURIED SQUARE STEEL POLE WITH A 4'-0" MAST ARM (31'-6" MOUNTING HEIGHT). SEE APS STANDARD DETAIL 8030 AND APPLICABLE APS DETAILS ON SHEET SL4. |
| ③ | LUMINAIRE TO INCLUDE AN APPROVED APS HOUSE-SIDE SHIELD. |



DARCOR ELECTRICAL CONSULTING ENGINEERS		7800 N. 16TH ST. SUITE 212 PHOENIX, AZ 85020 Ph: (602) 795-2899 WWW.DARCORINC.COM	
PROJECT TITLE HOMESTEAD AT MARLEY PARK - PARCEL 3 SURPRISE, ARIZONA			
SHEET TITLE STREET LIGHTING PLAN VIEW - II			
DATE MAY 2018	DESIGNED: DAR	DWG No. SL3	SHEET 3 OF 4
SCALE AS SHOWN	CHECKED: DAR	PROJ No. 18001	



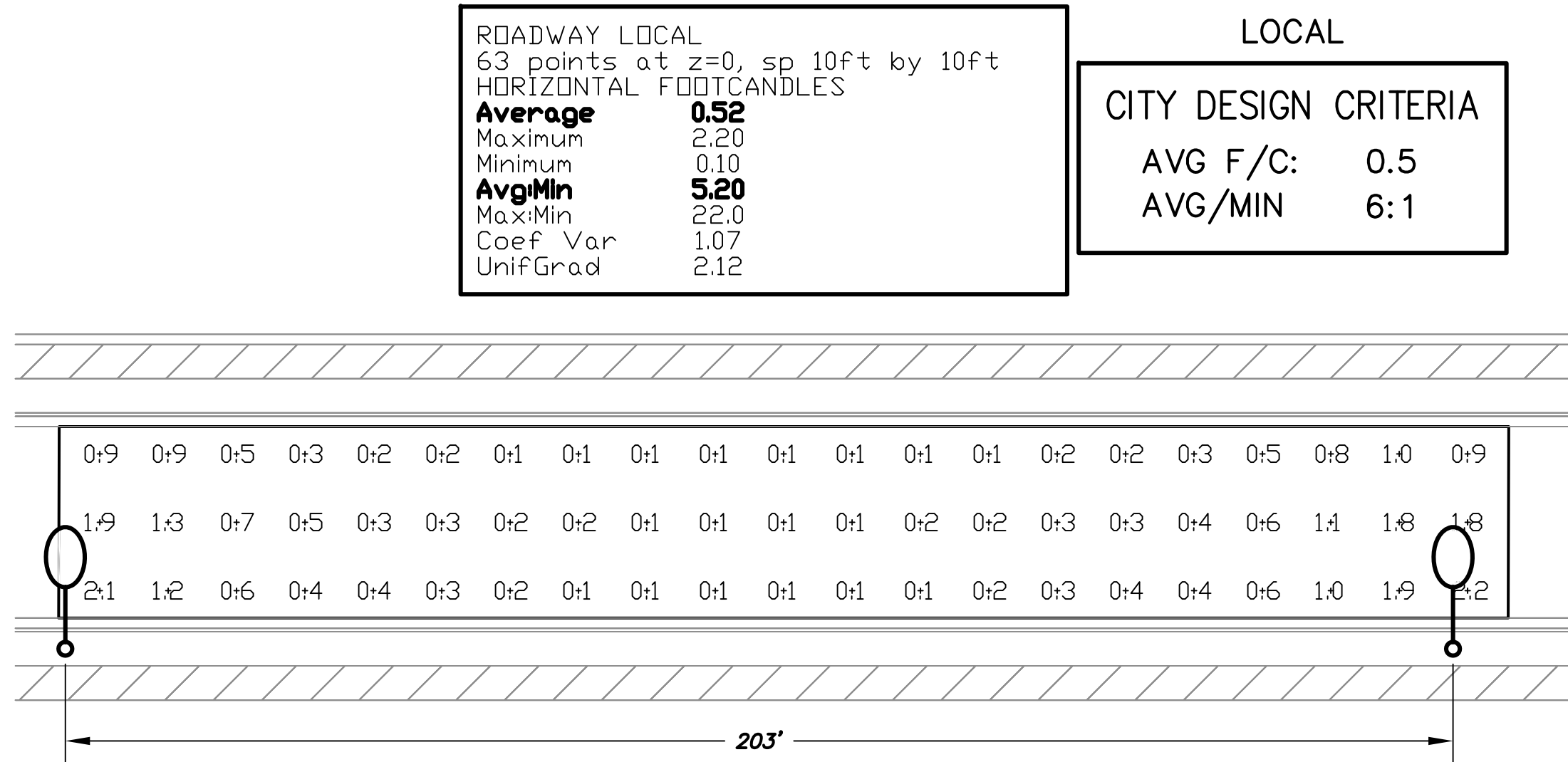
DARCOR
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 7800 N. 16TH ST.
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 Ph: (602) 795-2899
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PROJECT TITLE
 HOMESTEAD AT MARLEY PARK -
 PARCEL 3 SURPRISE, ARIZONA

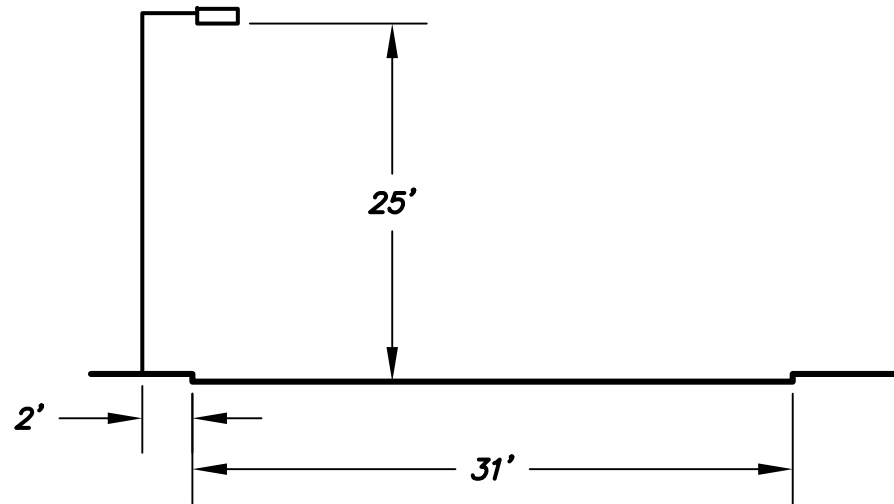
SHEET TITLE
 STREET LIGHTING
 DETAILS

DATE: MAY 2018
 DESIGNED: DAR
 DWG No. SL4
 SCALE: N/A
 DRAWN: BPR
 PROJ No. 18001
 CHECKED: DAR
 SHEET 4 OF 4

Saved: May 24, 2018 File: 18001-3-P1.dwg Drafter: Brandon Rickard

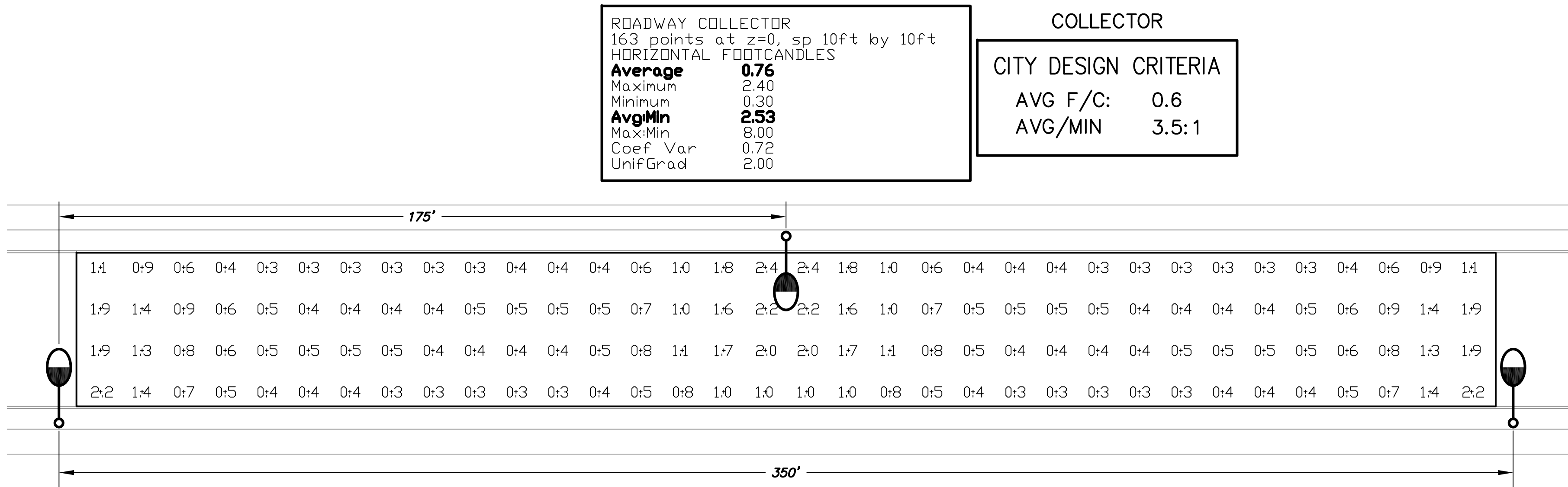


WORST CASE SPACING FOR 31' WIDE ROADWAY
 (LOCAL) (41W) (25' H)

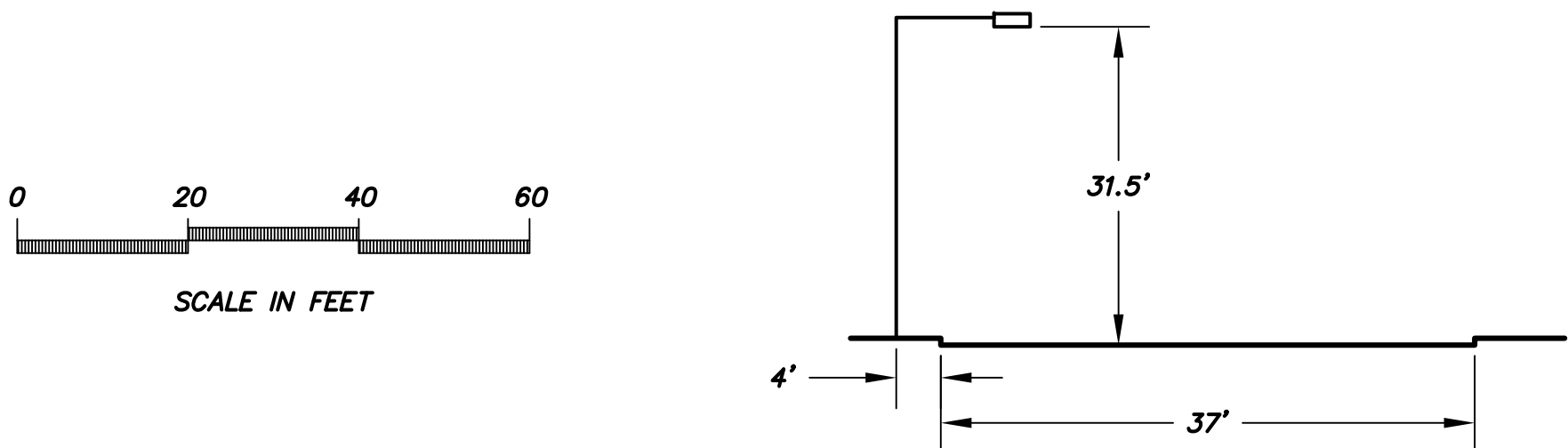


LUMINAIRE INPUT DATA
 GE Lighting Solutions
 lamp(s): LED
 candela file "ERL1_05E130-120-277V.IES"
 1 lamp(s) per luminaire, 4,800 initial lumens per lamp
 Light Loss Factor = 0.9, watts per luminaire = 41
 Outreach (from mounting axis to photometric center)= 30 in
 mounting height= 25 ft

APS APPROVED LED STREET LIGHTS								
AS OF 3-15-18								
APN	LIGHT CODE	LAMP	WATTS	LUMENS	CCT	COLOR	G.E. MODEL NUMBER	IES CURVE NUMBER
141047	RL41	LED	32	3,800	3000K	DK BRONZE	ERL1004B130ADKBZGRX	ERL1_04B130-120-277V.IES
141048	RL41	LED	41	4,800	3000K	DK BRONZE	ERL1005E130ADKBZGRX	ERL1_05E130-120-277V.IES
141049	RL42	LED	88	8,200	3000K	DK BRONZE	ERL1008E130ADKBZGRX	ERL1_08E130.IES
141050	RL43	LED	108	11,100	3000K	DK BRONZE	ERLH011E130ADKBZGRX	ERLH_11E130.IES
141040	CL50	LED	32	3,800	3000K	GRAY	ERL1004B130AGRAYGRX	ERL1_04B130-120-277V.IES
141041	CL51	LED	41	4,800	3000K	GRAY	ERL1005E130AGRAYGRX	ERL1_05E130-120-277V.IES
141043	CL52	LED	88	8,200	3000K	GRAY	ERL1008E130AGRAYGRX	ERL1_08E130.IES
141045	CL53	LED	108	11,100	3000K	GRAY	ERLH011E130AGRAYGRX	ERLH_11E130.IES
128251	RL50	LED	32	3,900	4000K	DK BRONZE	ERL1004B140ADKBZGRX	ERL1_04B140-120-277V.IES
126804	RL51	LED	41	5,000	4000K	DK BRONZE	ERL1005E140ADKBZGRX	ERL1_05E140-120-277V.IES
126805	RL52	LED	88	8,500	4000K	DK BRONZE	ERL1008E140ADKBZGRX	ERL1_08E140.IES
	RL53	LED	108	11,500	4000K	DK BRONZE	ERLH011E140ADKBZGRX	ERLH_11E140.IES
128329	CL60	LED	32	3,900	4000K	GRAY	ERL1004B140AGRAYGRX	ERL1_04B140-120-277V.IES
128330	CL61	LED	41	5,000	4000K	GRAY	ERL1005E140AGRAYGRX	ERL1_05E140-120-277V.IES
128331	CL62	LED	88	8,500	4000K	GRAY	ERL1008E140AGRAYGRX	ERL1_08E140.IES
128332	CL63	LED	108	11,500	4000K	GRAY	ERLH011E140AGRAYGRX	ERLH_11E140.IES

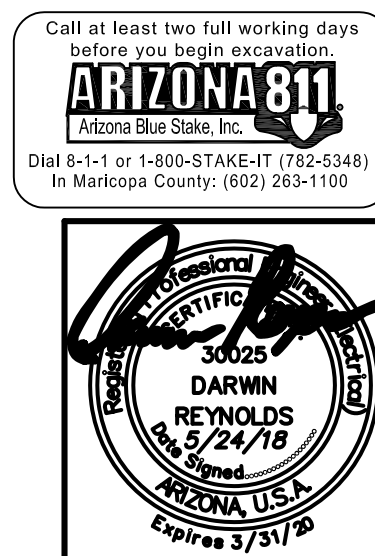


WORST CASE SPACING FOR 37' WIDE ROADWAY
 (COLLECTOR) (88W) (31.5' H)



LUMINAIRE INPUT DATA
 GE Lighting Solutions
 lamp(s): LED
 candela file "ERL1_08E140.IES"
 1 lamp(s) per luminaire, 8,500 initial lumens per lamp
 Light Loss Factor = 0.9, watts per luminaire = 88
 Outreach (from mounting axis to photometric center)= 48 in
 mounting height= 31.5 ft

ALL PHOTOMETRIC CALCULATIONS ON THESE
 PLANS REPRESENT ILLUMINANCE VALUES



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 SUITE 212
 PHOENIX, AZ 85020
 Ph: (602) 795-2899
 WWW.DARCORINC.COM

PROJECT TITLE
**HOMESTEAD AT MARLEY PARK -
 PARCEL 3 SURPRISE, ARIZONA**

SHEET TITLE
**ROADWAY PHOTOMETRIC
 CALCULATIONS**

DATE MAY 2018	DESIGNED: DAR	DWG No. P1	SHEET 1
SCALE N/A	DRAWN: BPR	PROJ No. 18001	OF 1
	CHECKED: DAR		

File: 18001-4-SL1.dwg Drafter: Brandon Rickard Saved: May 24, 2018

DARCOR GENERAL NOTES

- A. LOCATIONS INDICATED FOR EXISTING UNDERGROUND UTILITIES ARE BASED ON DRAWINGS PROVIDED TO US BY THE CIVIL ENGINEER AT TIME OF DESIGN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UNDERGROUND OBSTRUCTIONS AND UTILITIES ENCOUNTERED DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING BLUE-STAKE AND POT-HOLING TO VERIFY ALL EXISTING UNDERGROUND OBSTRUCTIONS.
- B. DARCOR & ASSOCIATES INC., ITS OWNERS, OR EMPLOYEES WILL NOT BE HELD RESPONSIBLE FOR ANY DAMAGE TO PROPERTY CAUSED BY OTHERS DURING OR RESULTING FROM CONSTRUCTION OF THIS PROJECT.
- C. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR COORDINATING THE RELOCATION OF UTILITIES, POWER POLES, ETC.
- D. THE CONTRACTOR SHALL PROVIDE THE CITY WITH ACCURATE AS-BUILT INFORMATION INCLUDING FIELD MEASUREMENTS TO ELECTRICAL EQUIPMENT AND UNDERGROUND CONDUIT ROUTING.
- E. ANY QUANTITIES SHOWN ARE THE BEST ESTIMATE OF THE ENGINEER. THE CONTRACTOR SHALL MAKE HIS OWN INDEPENDENT ESTIMATE OF QUANTITIES AND BASE HIS BID THEREON.
- F. THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES OR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED DURING CONSTRUCTION, AND WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- G. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL PROPERTY, LANDSCAPING, PAVING AND DRIVEWAYS THAT ARE DISTURBED DURING CONSTRUCTION TO THEIR ORIGINAL CONDITION WITH CONFORMANCE TO MAG SPECIFICATION SECTION 107.9.

THE ELECTRICAL / MAINTENANCE COSTS OF ALL STREET LIGHTS ON LOCAL AND COLLECTOR STREETS (TYPICALLY THE 41 WATT / 4,800 LUMEN AND THE 88 WATT / 8,500 LUMEN FIXTURES) ARE TO BE PAID BY THE ADJACENT PROJECT OR THE ADJACENT DEVELOPMENT'S STREET LIGHT IMPROVEMENT DISTRICT (SLID)

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STREET LIGHTING PLANS

FOR

HOMESTEAD AT MARLEY PARK PHASE 4&5
PARCEL 4

A PORTION OF THE NORTHWEST QUARTER OF SECTION 16, TOWNSHIP 3 NORTH, RANGE 1 WEST OF THE
GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, CITY OF SURPRISE, ARIZONA

DEVELOPER

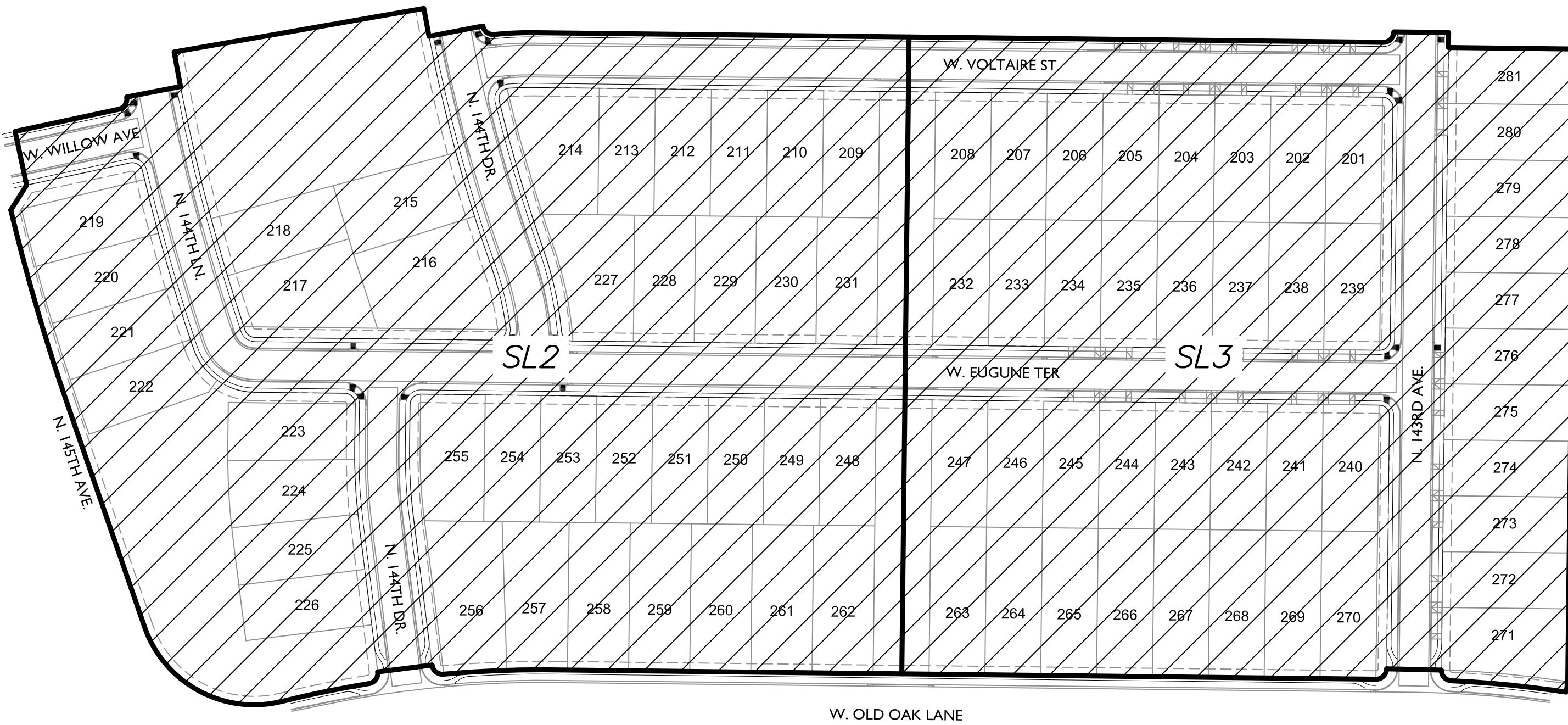
MERITAGE HOMES OF ARIZONA, INC.
8800 E. RAINTREE DR., STE. 300
SCOTTSDALE, AZ 85260
PHONE: (480) 515-8251
CONTACT: JASON JARVIS

CIVIL ENGINEER

ENTELLUS, INC.
3033 N. 44TH STREET, STE 250
PHOENIX, ARIZONA 85018
PHONE: (602) 244-2568
CONTACT: MICHAEL R. GLEESON, P.E.

ELECTRICAL ENGINEER

DARCOR & ASSOCIATES
7600 N. 16TH STREET, STE 212
PHOENIX, AZ 85020
PHONE: (602) 795-2699
CONTACT: DARWIN REYNOLDS, P.E.



W. OLD OAK LANE

KEY MAP
NTS

UTILITIES

THESE PLANS HAVE BEEN SUBMITTED TO THE FOLLOWING UTILITY COMPANIES FOR REVIEW OF ANY UTILITY CONFLICTS. IF ANY CONFLICTS ARISE DURING THE COURSE OF CONSTRUCTION FROM UNFORESEEN CIRCUMSTANCES, IT SHALL BE REPORTED TO THE APPROPRIATE UTILITY COMPANY AND BE RESOLVED BY THEM AND THE DESIGN ENGINEER.

UTILITY COMPANY	CONTACT	CONTACT METHOD	DATE SIGNED
ARIZONA PUBLIC SERVICE	CLAUDIO RIOS	623-975-8505	9/11/17
COX COMMUNICATIONS	DAN DISCHINGER	623-328-4178	9/11/17
CENTURY LINK	RONJAEAN GRANT-SLOAN	480-768-4294	9/11/17
SOUTHWEST GAS	ANGELICA ONTIVEROS	602-484-5345	9/11/17

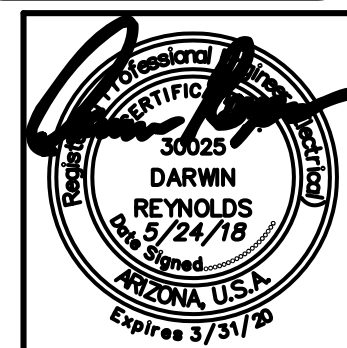
CITY OF SURPRISE SIGNATURE BLOCK

THIS SET OF PLANS HAS BEEN REVIEWED FOR COMPLIANCE WITH CITY REQUIREMENTS PRIOR TO ISSUANCE OF PERMITS. THE CITY NEITHER ACCEPTS NOR ASSUMES ANY LIABILITY FOR ERRORS OR OMISSIONS. THIS COMPLIANCE APPROVAL SHALL NOT PREVENT THE CITY ENGINEER FROM REQUIRING CORRECTIONS OF ERRORS OR OMISSIONS IN PLANS FOUND TO BE IN VIOLATION OF LAW OR ORDINANCES.

APPROVED _____
CITY OF SURPRISE ENGINEER

DATE

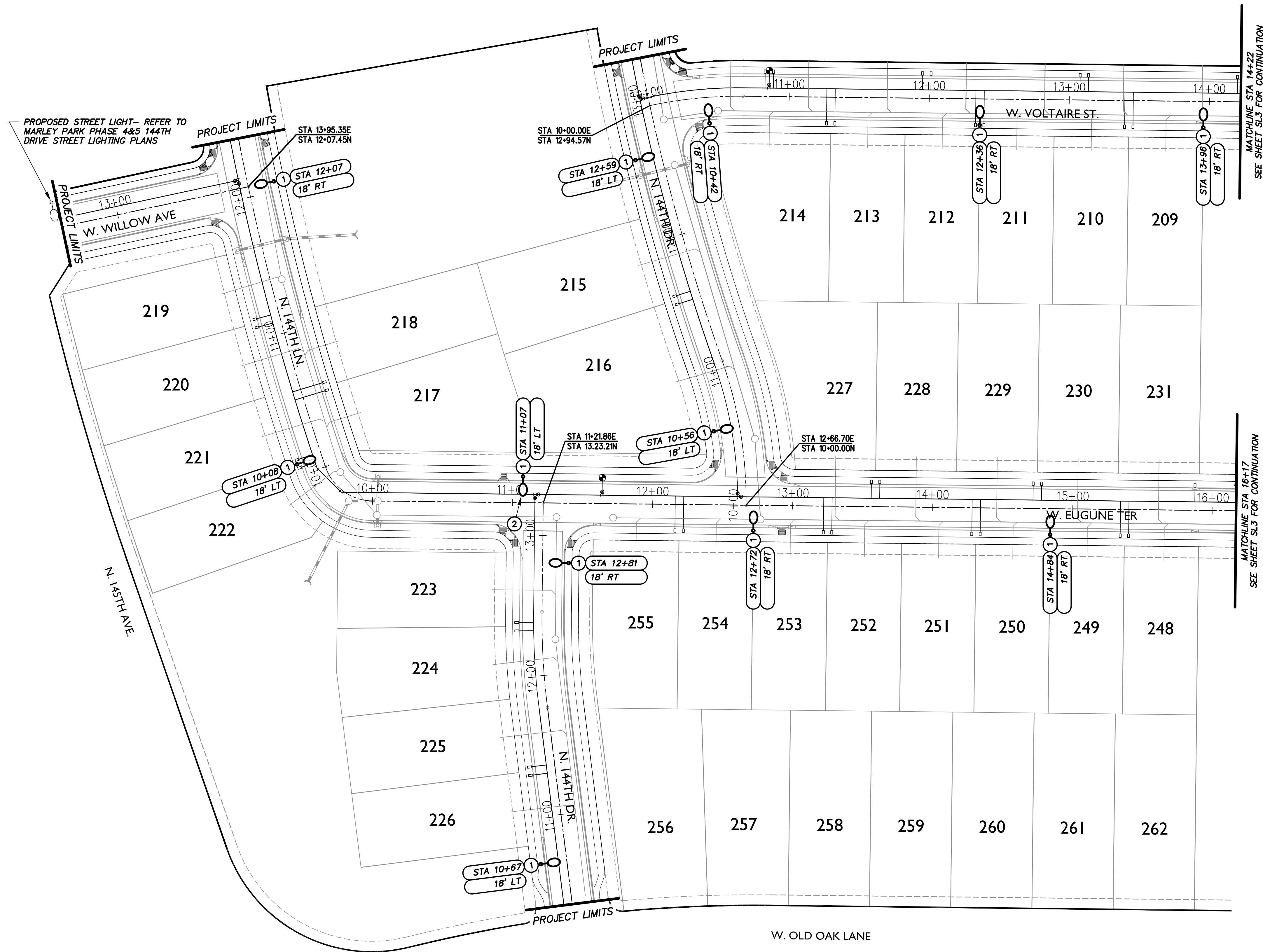
SLID#



DARCOR ELECTRICAL CONSULTING ENGINEERS 7600 N. 16TH ST. SUITE 212 PHOENIX, AZ 85020 Ph: (602) 795-2699 WWW.DARCORINC.COM			
PROJECT TITLE HOMESTEAD AT MARLEY PARK - PARCEL 4 SURPRISE, ARIZONA			
SHEET TITLE STREET LIGHTING COVER SHEET			
DATE MAY 2018	DESIGNED: DAR	DWG No. SL1	SHEET 1
SCALE N/A	DRAWN: BPR	PROJ No. 18001	OF 4
CHECKED: DAR			

File: 18001-4-SL2.dwg Drafter: Brandon Rickerd Saved: May 24, 2018

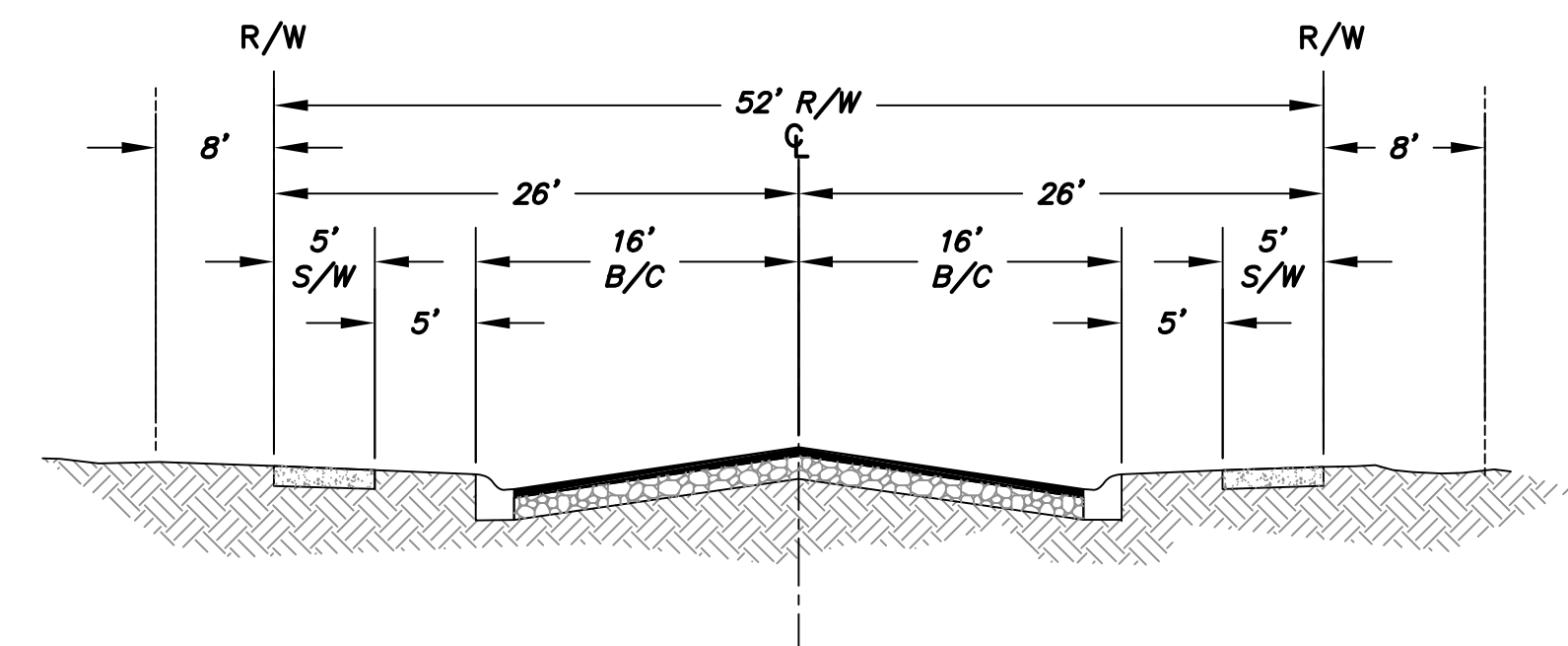
PROPOSED STREET LIGHT—REFER TO
MARLEY PARK PHASE 4&5 144TH
DRIVE STREET LIGHTING PLANS



MATCHLINE STA 14+22
SEE SHEET SL3 FOR CONTINUATION

MATCHLINE STA 16+17
SEE SHEET SL3 FOR CONTINUATION

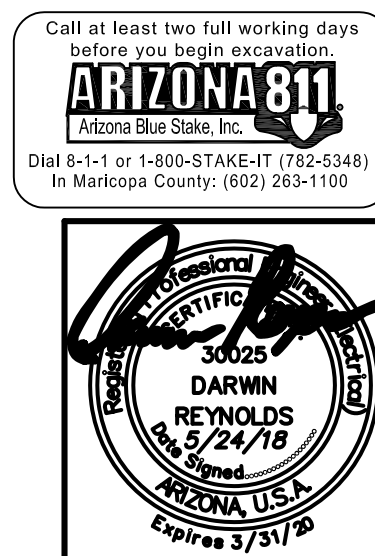
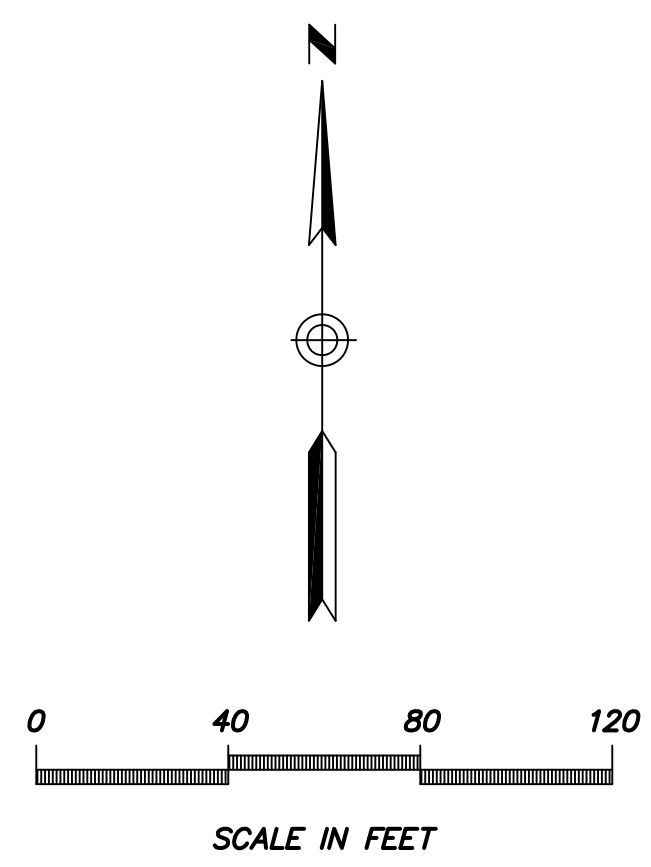
NOTE: ALL STREET LIGHTS TO BE 1' CLEAR OF SIDEWALKS



LOCAL STREET WITH ON-STREET PARKING—
LOOKING NORTH OR EAST
N.T.S.

KEY NOTE

- 1 INSTALL 41W, 3000K LED (4,800 LUMENS) BRONZE COBRAHEAD LUMINAIRE MOUNTED ON A 30'-6" DIRECT BURIED SQUARE STEEL POLE WITH A 2'-0" MAST ARM (25' MOUNTING HEIGHT). SEE APS STANDARD DETAIL 8030 AND APPLICABLE APS DETAILS ON SHEET SL4.
- 2 LUMINAIRE TO INCLUDE AN APPROVED APS HOUSE-SIDE SHIELD.



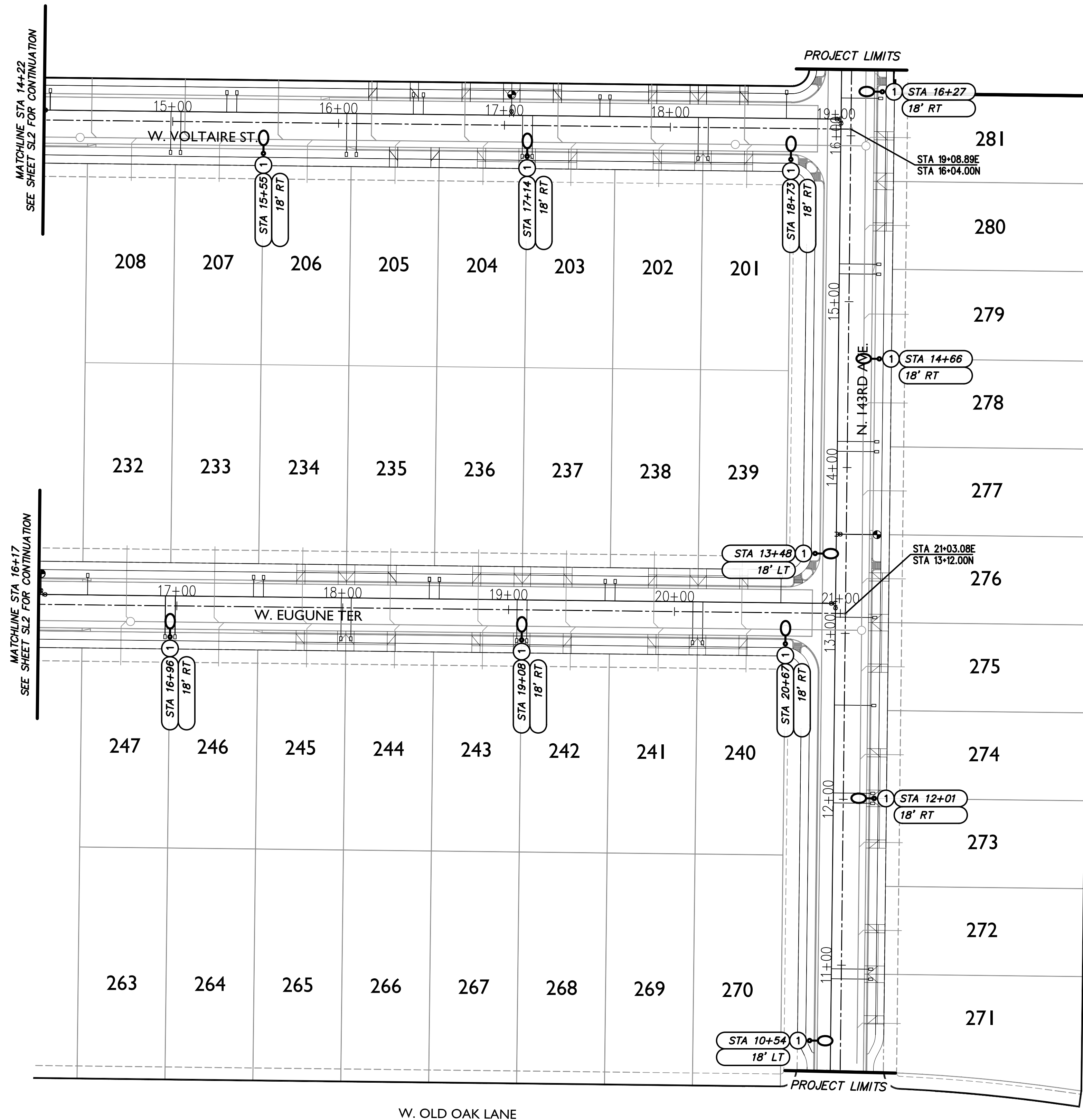
DARCOR
ELECTRICAL CONSULTING ENGINEERS
7800 N. 16TH ST.
SUITE 212
PHOENIX, AZ 85020
Ph: (602) 795-2899
WWW.DARCORINC.COM

PROJECT TITLE
**HOMESTEAD AT MARLEY PARK -
PARCEL 4 SURPRISE, ARIZONA**

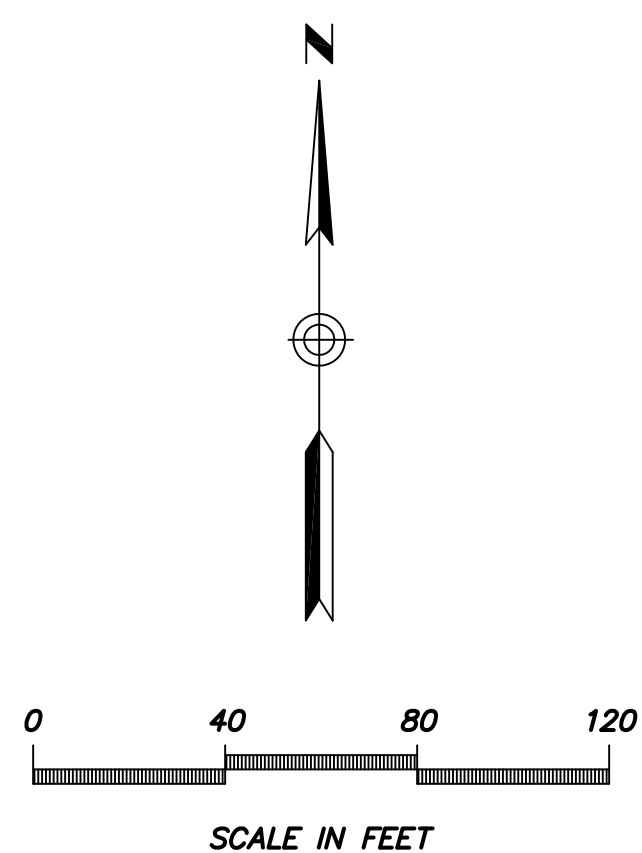
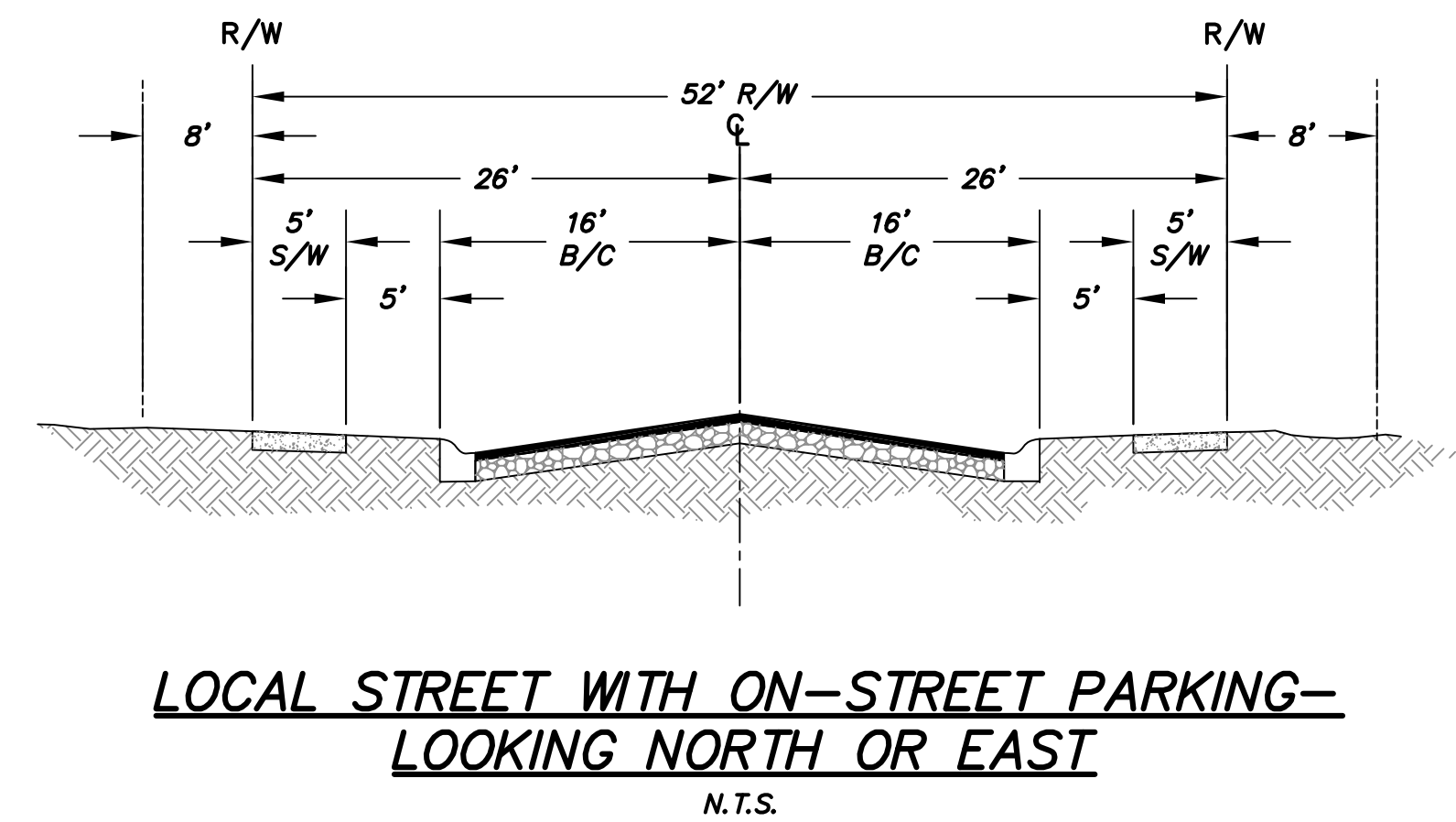
SHEET TITLE
**STREET LIGHTING
PLAN VIEW - I**

DATE MAY 2018	DESIGNED: DAR	DWG No. SL2	SHEET 2 OF 4
SCALE AS SHOWN	DRAWN: BPR	PROJ No. 18001	
CHECKED: DAR			

Save: May 24, 2018 File: 18001-4-SL3.dwg Drafter: Brandon Rickard

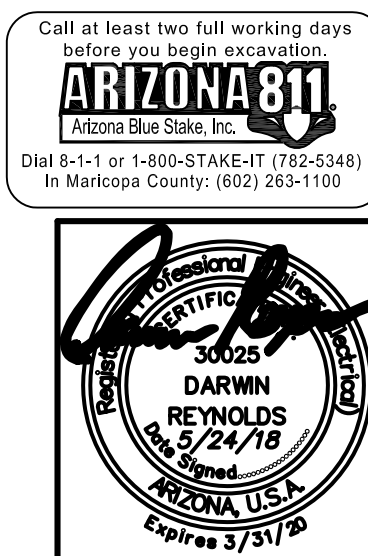


NOTE: ALL STREET LIGHTS TO BE 1' CLEAR OF SIDEWALKS

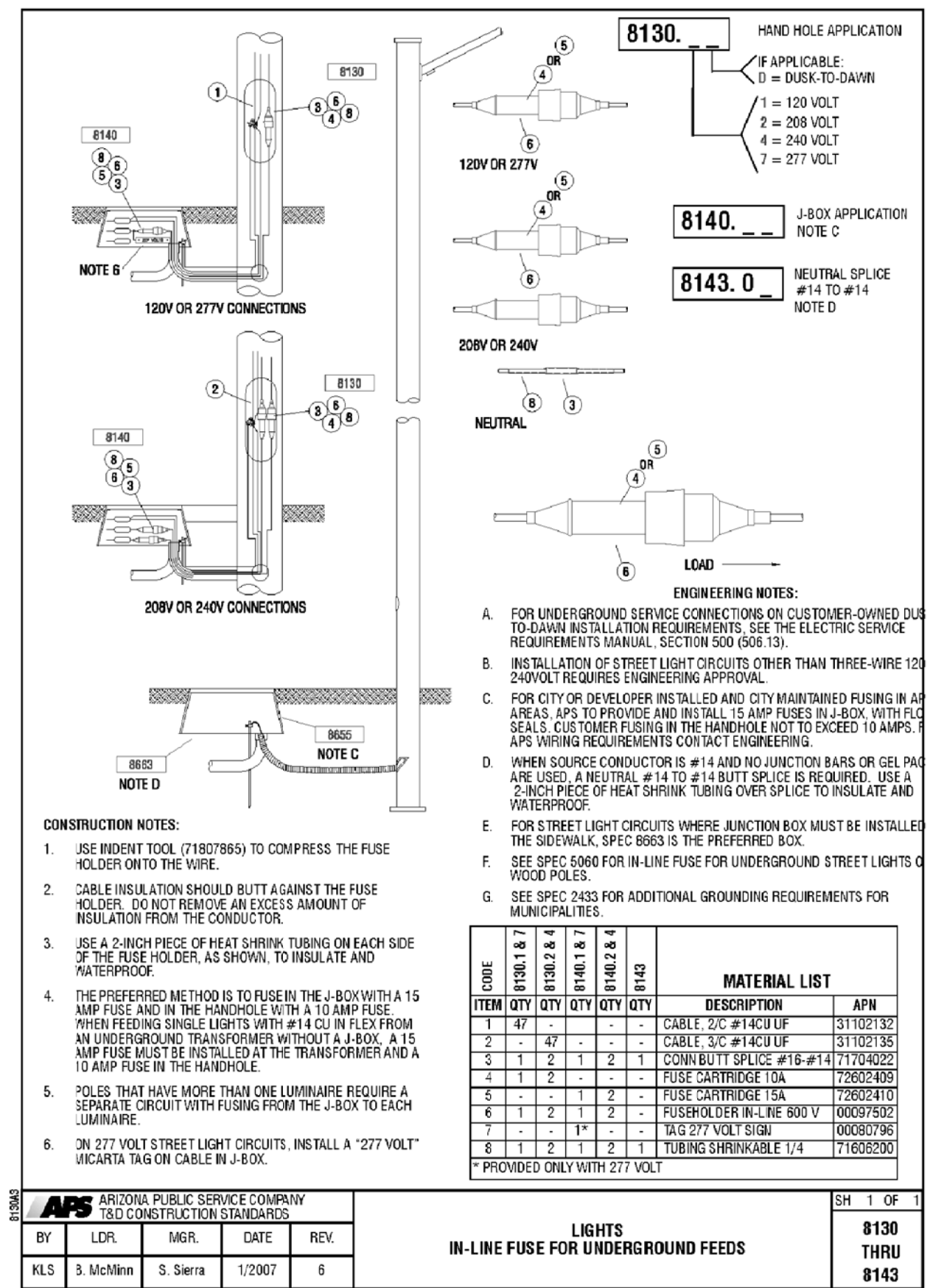
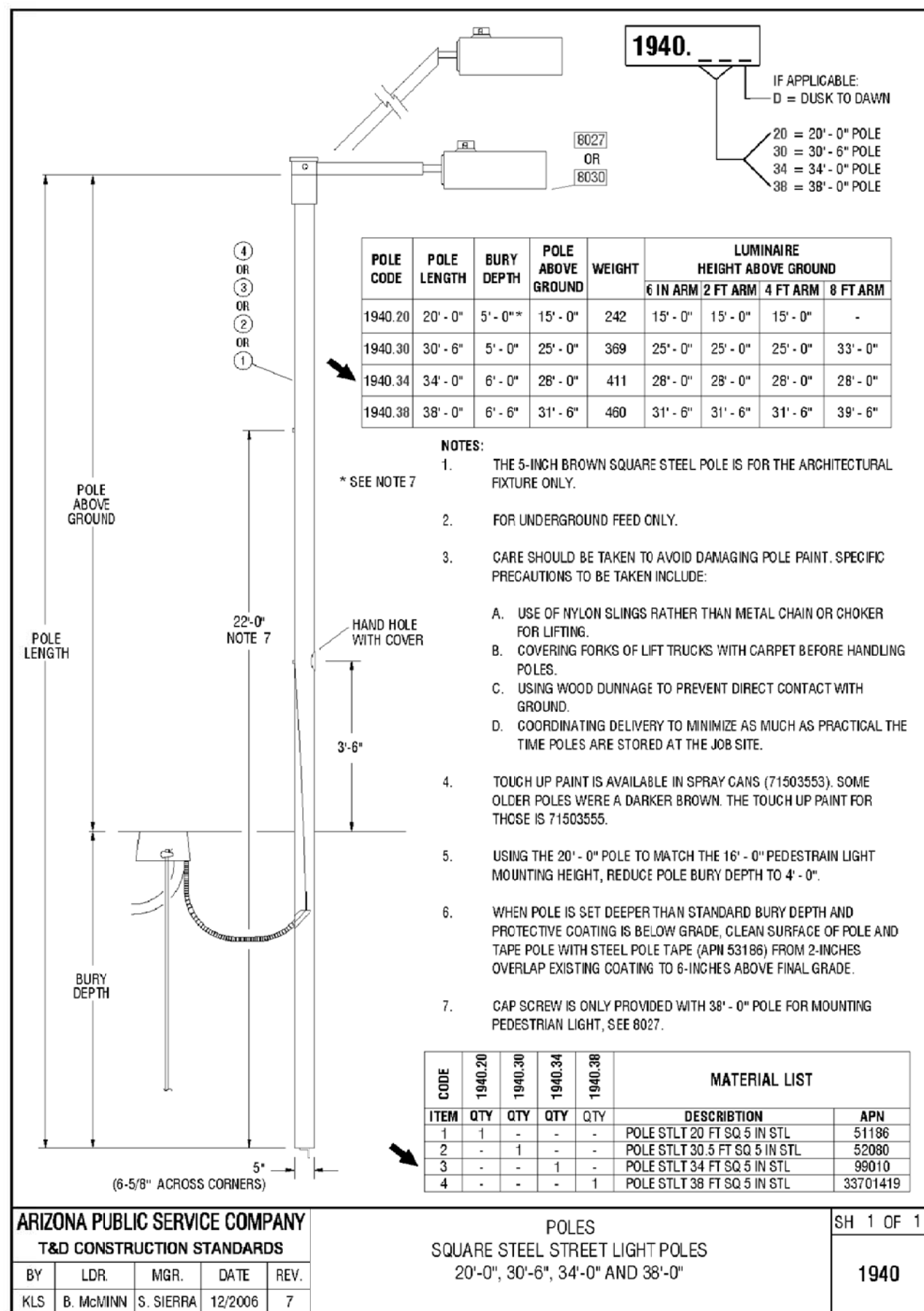
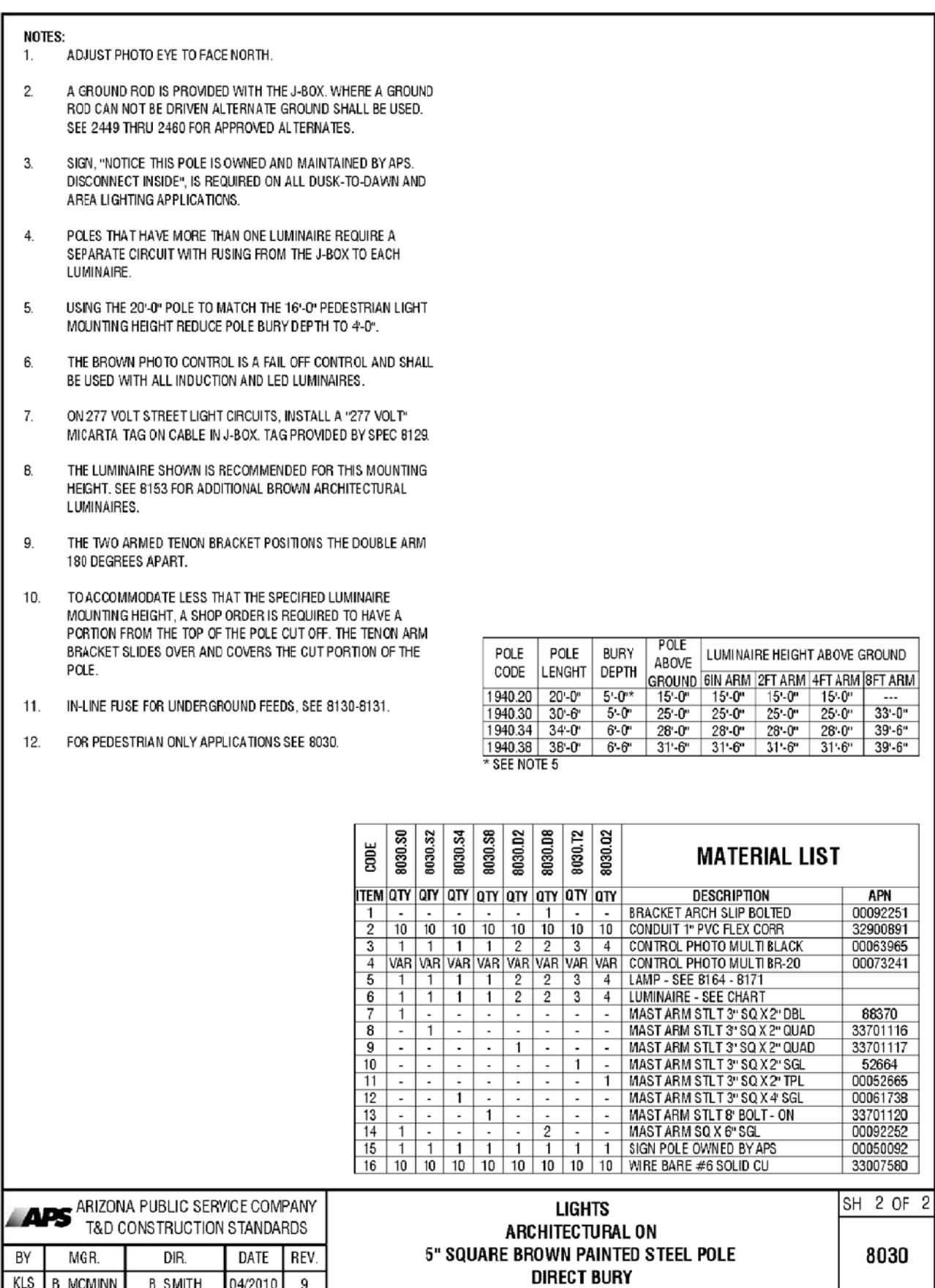
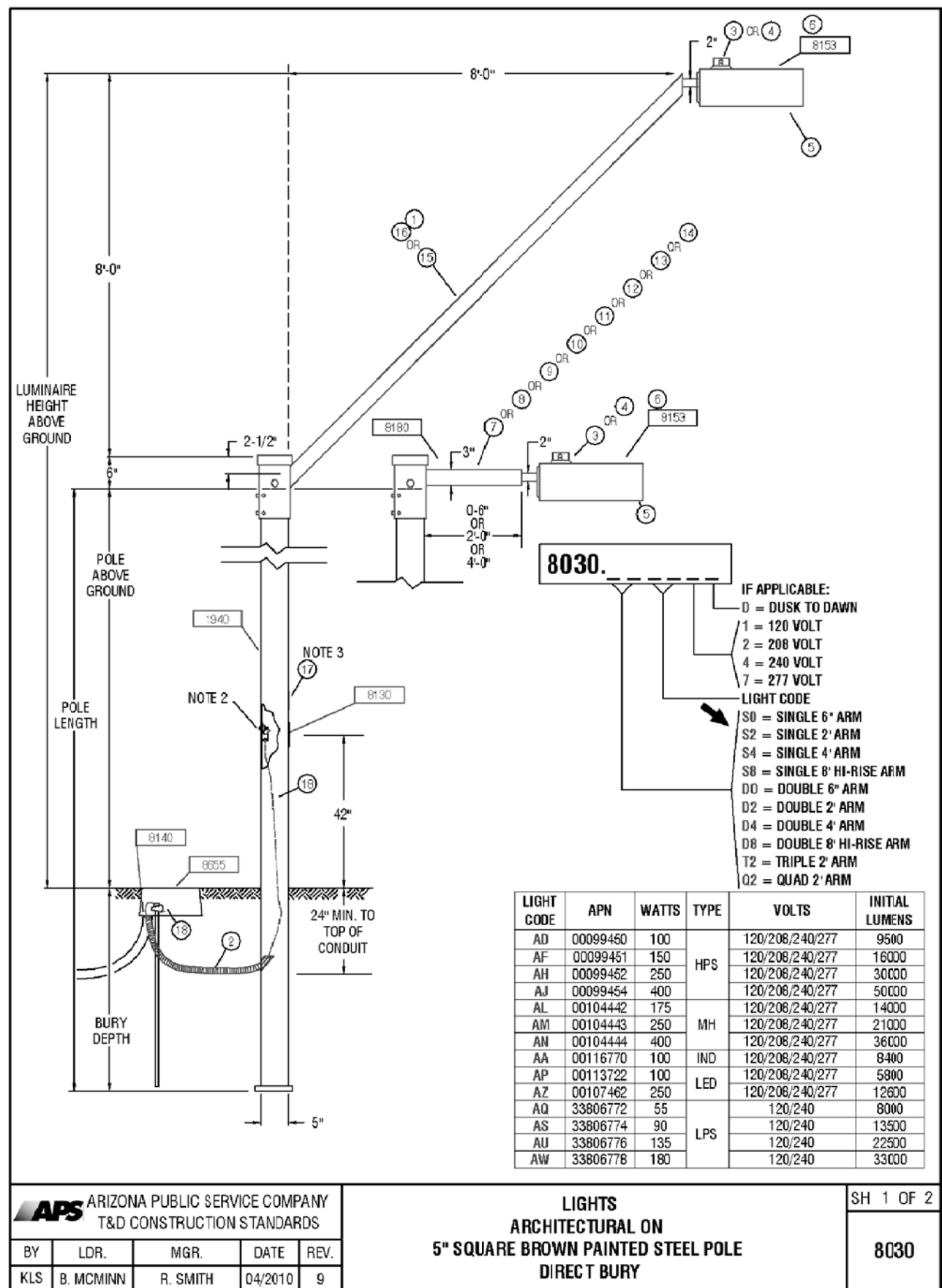


KEY NOTE

① INSTALL 41W, 3000K LED (4,800 LUMENS) BRONZE COBRAHEAD LUMINAIRE MOUNTED ON A 30'-6" DIRECT BURIED SQUARE STEEL POLE WITH A 2'-0" MAST ARM (25' MOUNTING HEIGHT). SEE APS STANDARD DETAIL 8030 AND APPLICABLE APS DETAILS ON SHEET SL4.

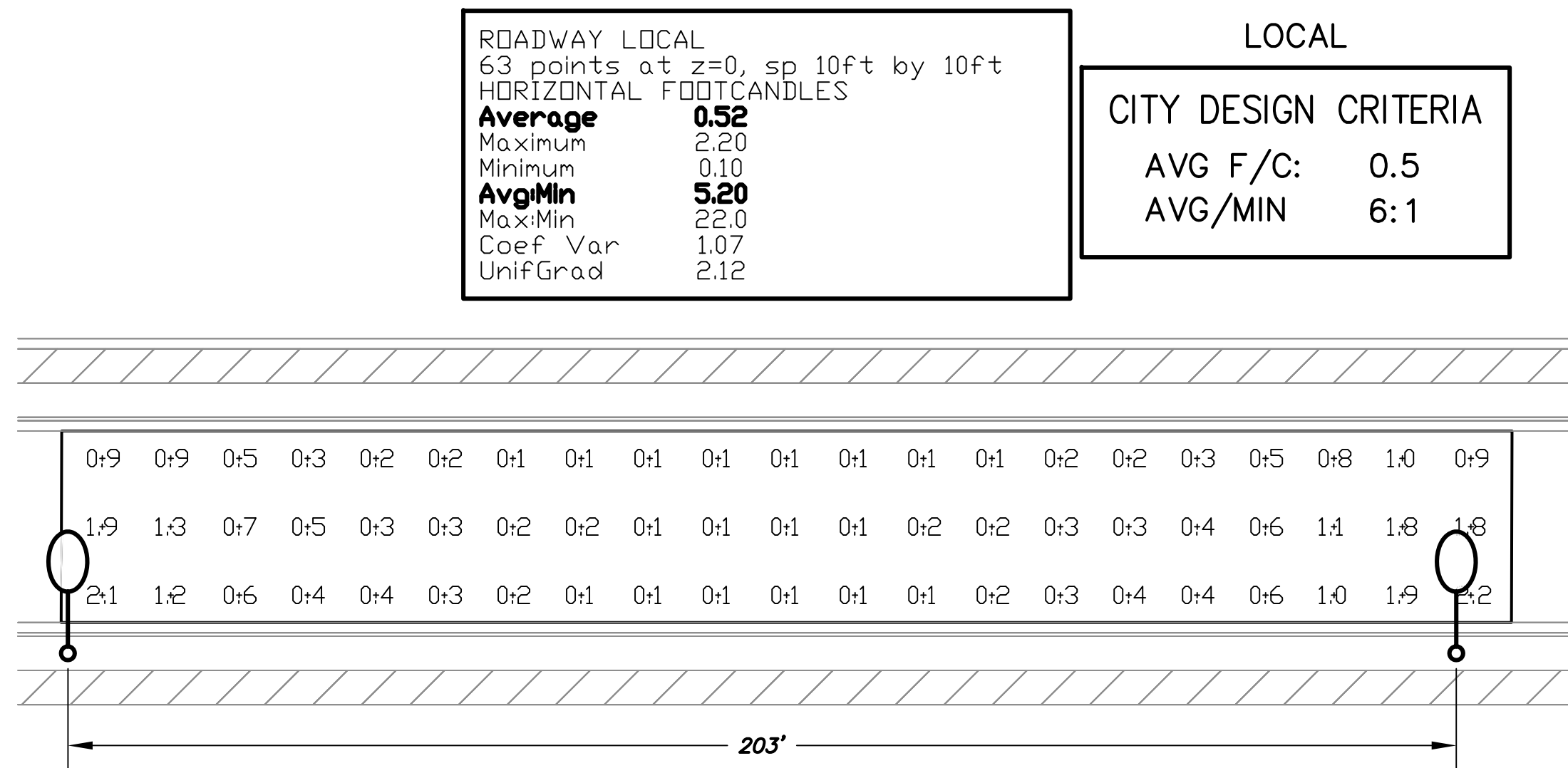


DARCOR ELECTRICAL CONSULTING ENGINEERS				7800 N. 16TH ST. SUITE 212 PHOENIX, AZ 85020 Ph: (602) 795-2899 WWW.DARCORINC.COM	
PROJECT TITLE HOMESTEAD AT MARLEY PARK - PARCEL 4 SURPRISE, ARIZONA					
SHEET TITLE STREET LIGHTING PLAN VIEW - II					
DATE MAY 2018	DESIGNED: DAR	DWG No. SL3	SHEET 3		
SCALE AS SHOWN	CHECKED: DAR	PROJ No. 18001	OF 4		

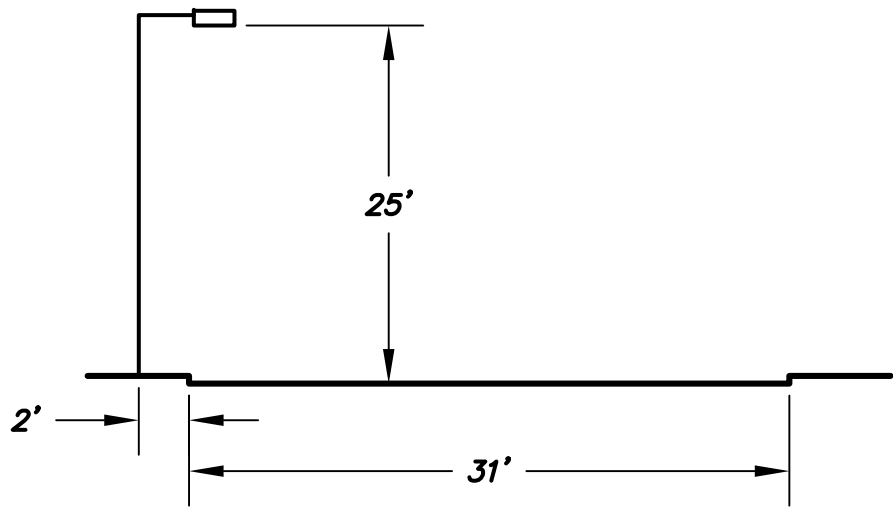


 DARCOR ELECTRICAL CONSULTING ENGINEERS		7600 N. 16TH ST. SUITE 218 PHOENIX, AZ 85020 Ph: (602) 795-2899 WWW.DARCORINC.COM	
PROJECT TITLE HOMESTEAD AT MARLEY PARK - PARCEL 4 SURPRISE, ARIZONA			
SHEET TITLE STREET LIGHTING DETAILS			
DATE MAY 2018	DESIGNED: DAR DRAWN: BPR CHECKED: DAR	DWG No. SL4 PROJ No. 18001	SHEET 4 OF 4

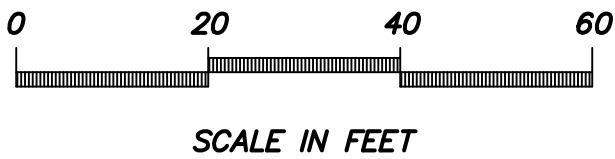
APS APPROVED LED STREET LIGHTS								
AS OF 3-15-18								
APN	LIGHT CODE	LAMP	WATTS	LUMENS	CCT	COLOR	G.E. MODEL NUMBER	IES CURVE NUMBER
141047	RL41	LED	32	3,800	3000K	DK BRONZE	ERL1004B130ADKBZGRX	ERL1_04B130-120-277V.IES
141048	RL41	LED	41	4,800	3000K	DK BRONZE	ERL1005E130ADKBZGRX	ERL1_05E130-120-277V.IES
141049	RL42	LED	88	8,200	3000K	DK BRONZE	ERL1008E130ADKBZGRX	ERL1_08E130.IES
141050	RL43	LED	108	11,100	3000K	DK BRONZE	ERLH011E130ADKBZGRX	ERLH_11E130.IES
141040	CL50	LED	32	3,800	3000K	GRAY	ERL1004B130AGRAYGRX	ERL1_04B130-120-277V.IES
141041	CL51	LED	41	4,800	3000K	GRAY	ERL1005E130AGRAYGRX	ERL1_05E130-120-277V.IES
141043	CL52	LED	88	8,200	3000K	GRAY	ERL1008E130AGRAYGRX	ERL1_08E130.IES
141045	CL53	LED	108	11,100	3000K	GRAY	ERLH011E130AGRAYGRX	ERLH_11E130.IES
128251	RL50	LED	32	3,900	4000K	DK BRONZE	ERL1004B140ADKBZGRX	ERL1_04B140-120-277V.IES
126804	RL51	LED	41	5,000	4000K	DK BRONZE	ERL1005E140ADKBZGRX	ERL1_05E140-120-277V.IES
126805	RL52	LED	88	8,500	4000K	DK BRONZE	ERL1008E140ADKBZGRX	ERL1_08E140.IES
	RL53	LED	108	11,500	4000K	DK BRONZE	ERLH011E140ADKBZGRX	ERLH_11E140.IES
128329	CL60	LED	32	3,900	4000K	GRAY	ERL1004B140AGRAYGRX	ERL1_04B140-120-277V.IES
128330	CL61	LED	41	5,000	4000K	GRAY	ERL1005E140AGRAYGRX	ERL1_05E140-120-277V.IES
128331	CL62	LED	88	8,500	4000K	GRAY	ERL1008E140AGRAYGRX	ERL1_08E140.IES
128332	CL63	LED	108	11,500	4000K	GRAY	ERLH011E140AGRAYGRX	ERLH_11E140.IES



WORST CASE SPACING FOR 31' WIDE ROADWAY
(LOCAL) (41W) (25' H)



LUMINAIRE INPUT DATA
GE Lighting Solutions
lamp(s): LED
candela file 'ERL1_05E130-120-277V.IES'
1 lamp(s) per luminaire, 4,800 initial lumens per lamp
Light Loss Factor = 0.9, watts per luminaire = 41
Outreach (from mounting axis to photometric center)= 30 in
mounting height= 25 ft



ALL PHOTOMETRIC CALCULATIONS ON THESE
PLANS REPRESENT ILLUMINANCE VALUES



DARCOR
ELECTRICAL CONSULTING ENGINEERS

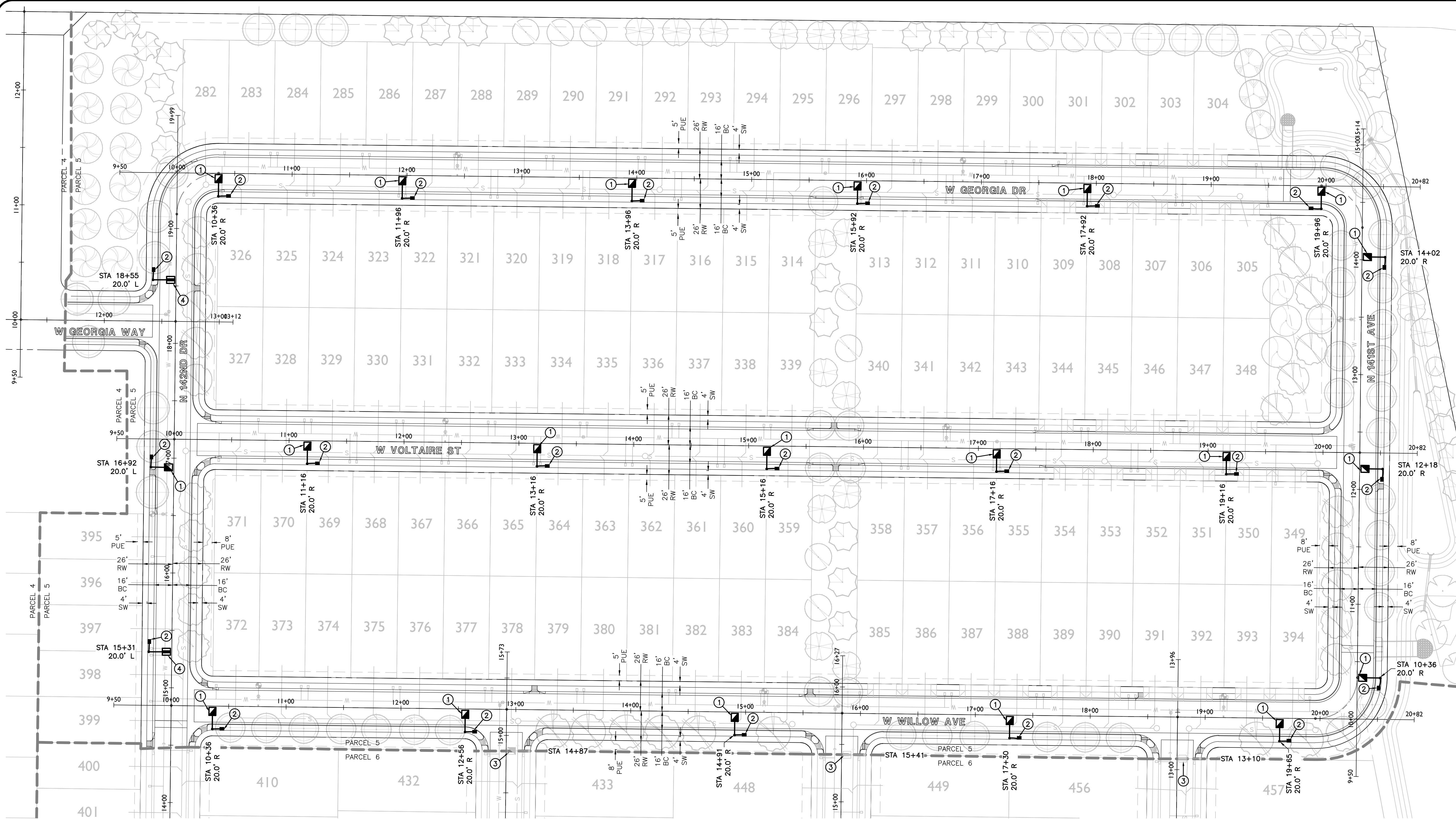
7800 N. 16TH ST.
SUITE 212
PHOENIX, AZ 85020
Ph: (602) 795-2899
WWW.DARCORINC.COM

PROJECT TITLE
HOMESTEAD AT MARLEY PARK -
PARCEL 4 SURPRISE, ARIZONA

SHEET TITLE
ROADWAY PHOTOMETRIC
CALCULATIONS

DATE MAY 2018	DESIGNED: DAR	DWG No. P1	SHEET 1
SCALE N/A	DRAWN: BPR	PROJ No. 18001	OF 1
	CHECKED: DAR		

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CONSTRUCTION NOTES

- (1) 41W LED (4,800 LUMEN) FIXTURE (LIGHT CODE RL41) WITH PHOTOELECTRIC CONTROL ON A 38'-0" DIRECT BURIED POLE (1940.38) WITH A 2" MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL3). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.
- INSTALL APS PULL BOX NEXT TO POLE. INSTALL 1" CONDUIT WITH (2) #14 TYPE THHN/THWN AND (1) #14 BARE BOND FROM PULL BOX TO FUSE HOLDER IN STREET LIGHT PER APS DETAILS AND SPECIFICATIONS.
- STREET LIGHT TO BE INSTALLED PER SEPARATE PLAN SET. SHOWN FOR REFERENCE ONLY.
- (1) 88W LED (8,200 LUMEN) FIXTURE (LIGHT CODE RL42) WITH PHOTOELECTRIC CONTROL ON A 38'-0" DIRECT BURIED POLE (1940.38) WITH A 2" MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL3). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.

LEGEND

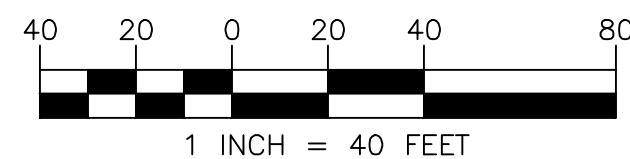
- 41W LED SHOEBOX STREET LIGHT
- 88W LED SHOEBOX STREET LIGHT
- STREET LIGHT PER SEPARATE PLAN
- STREET LIGHT PER SEPARATE PLAN
- FUTURE STREET LIGHT
- PULL BOX
- NEW CONDUIT RUN
- FIRE HYDRANT

ROADWAY SCALEABLE LED 3000K

LIGHT CODE	COLOR	APN	WATTS	VOLTS	INITIAL LUMENS	PHOTOMETRIC CURVE
RL40		00141047	32	120/208/240/277	3,800	ERL1_04B130_120-277VIES
RL41		00141048	41	120/208/240/277	4,800	ERL1_05E130_120-277VIES
RL42	DKBZ	00141049	88	120/208/240/277	8,200	ERL1_08E130_120-277VIES
RL43		00141050	108	120/208/240/277	11,000	ERS1_11E130_120-277VIES
RL44		00141051	162	120/208/240/277	19,000	ERS2_19E130_120-277VIES



GRAPHIC SCALE



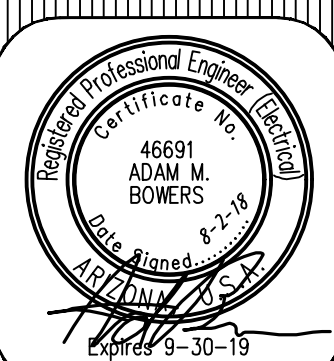
WRIGHT ENGINEERING
PROJECT NO:
18053-02
DESIGN BY: JKS
DRAWN BY: JKS
CHECKED BY: AMB

WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:

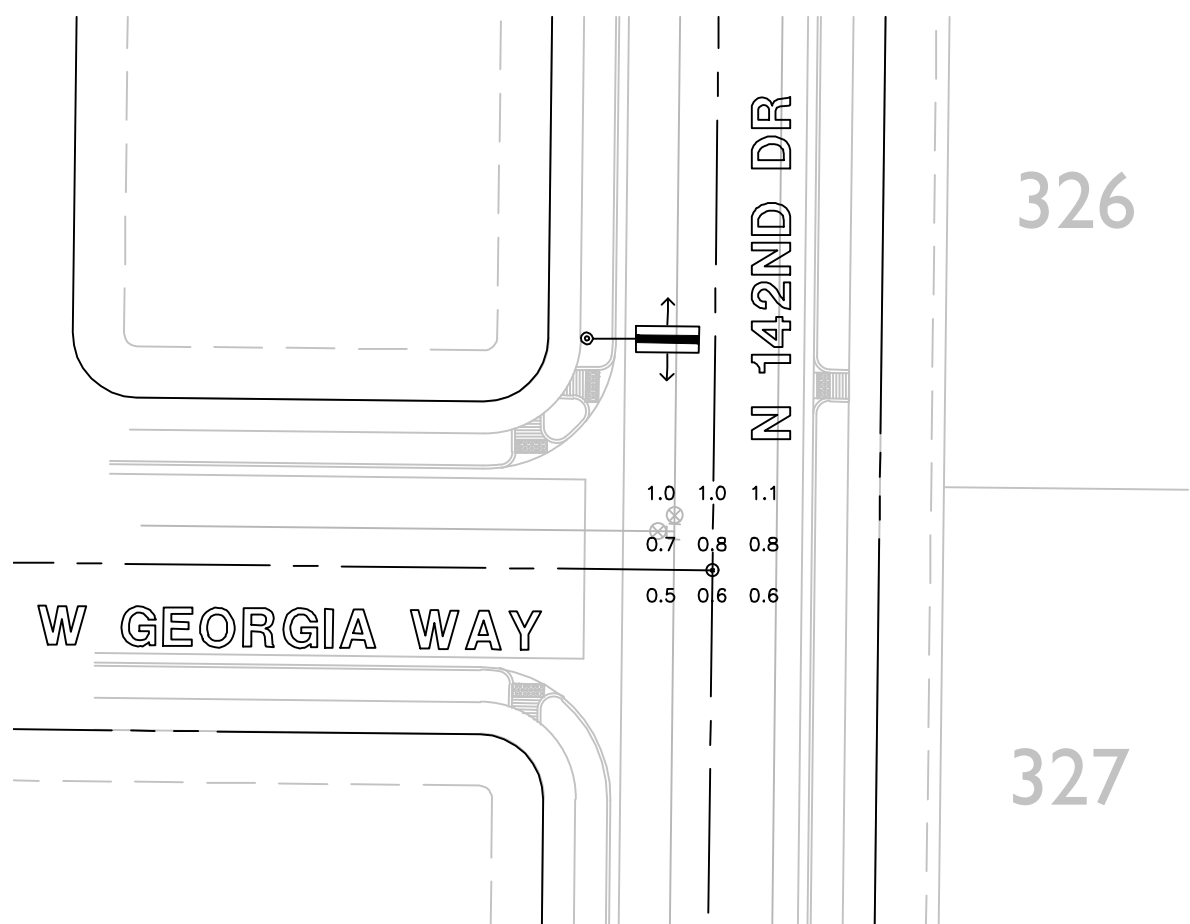
SURPRISE, ARIZONA
HOMESTEAD AT MARLEY PARK
PHASE 4 & 5 - PARCEL 5
STREET LIGHT PLAN

NO.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
1	MAY 2018	1ST SUBMITTAL
2	JUL 2018	2ND SUBMITTAL
3	AUG 2018	3RD SUBMITTAL

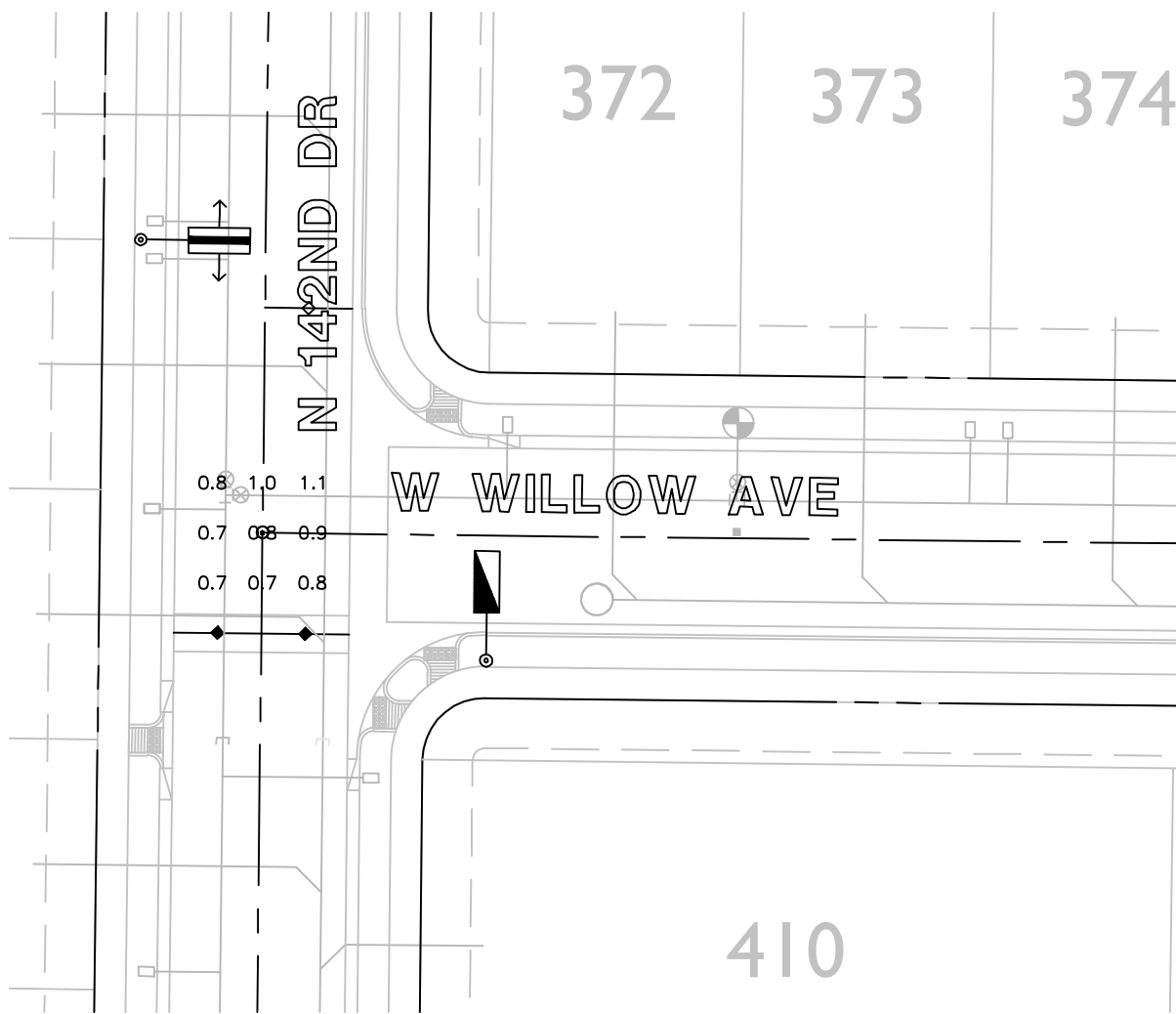


DRAWING NO:
SL2
OF 4

H:\2018\18053-Marley Park Phase 4 & 5\18053-Parcel 5-SL.dwg



INT - W GEORGIA DR & N 142ND DR
9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.1
Minimum 0.5
Avg:Min 1.58
Max:Min 2.20
Coef Var 0.25
UnifGrad 1.43

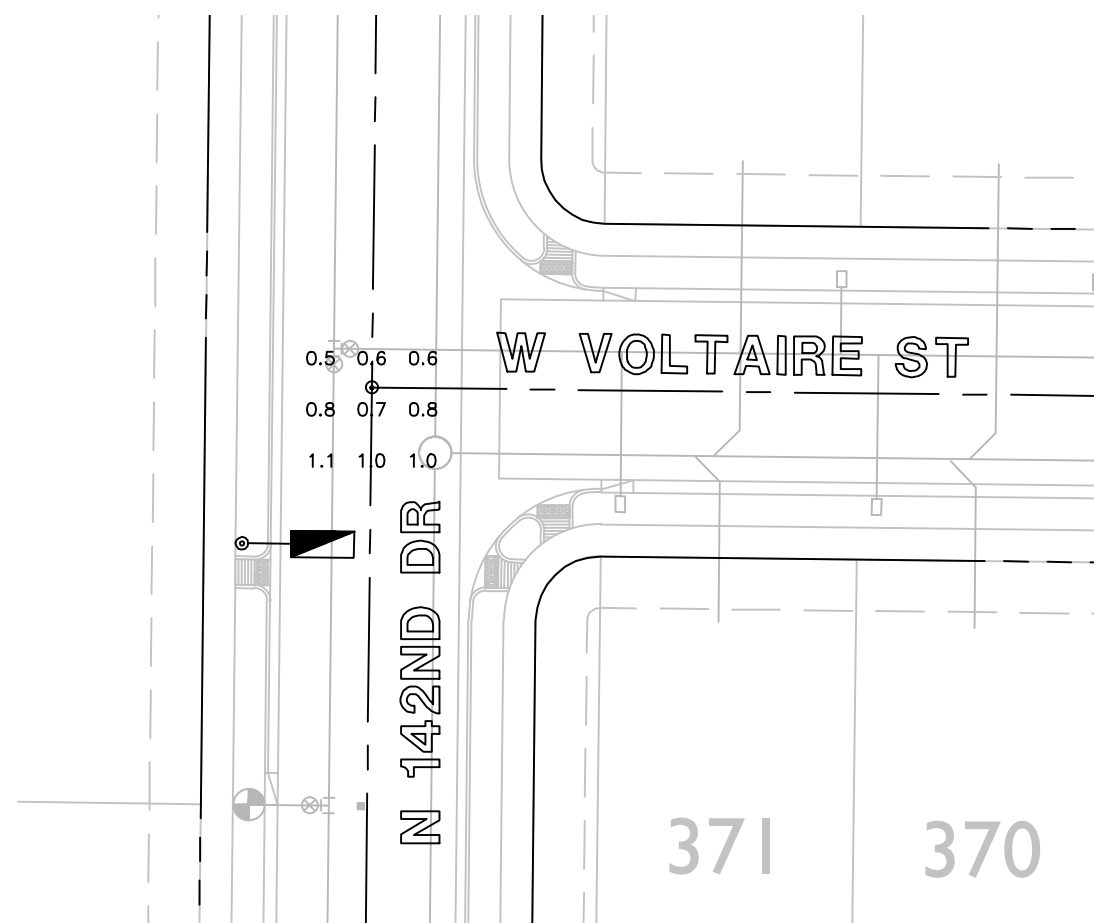


INT - W WILLOW AVE & N 142ND DR
9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.1
Minimum 0.7
Avg:Min 1.19
Max:Min 1.57
Coef Var 0.16
UnifGrad 1.25

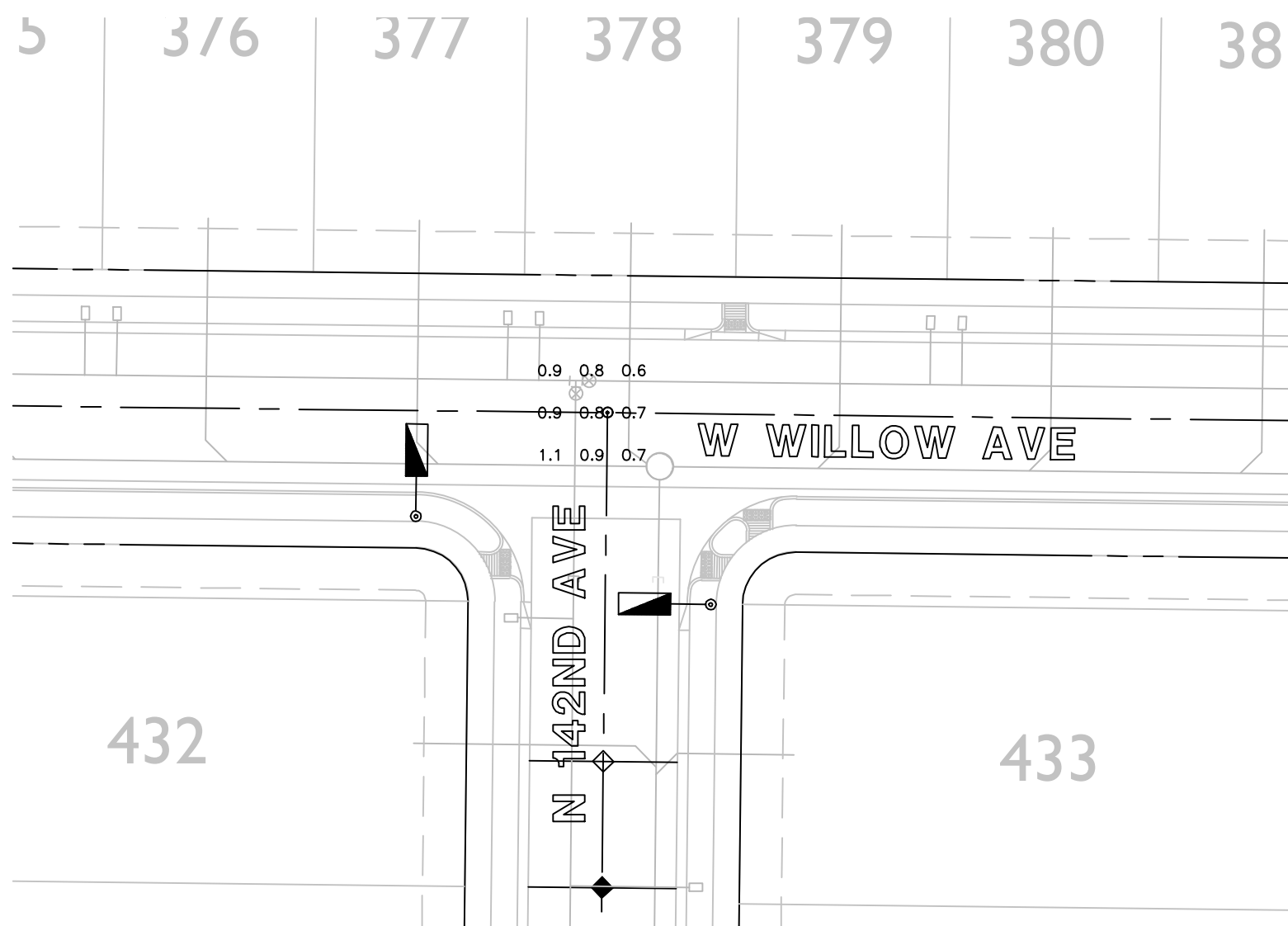
LEGEND

88W LED
2' MAST ARM
candela file 'er1_08e130_tcm201-103998.ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 88
mounting height= 31.5 ft
number locations= 5, number luminaires= 5
kw all locations= 0.4

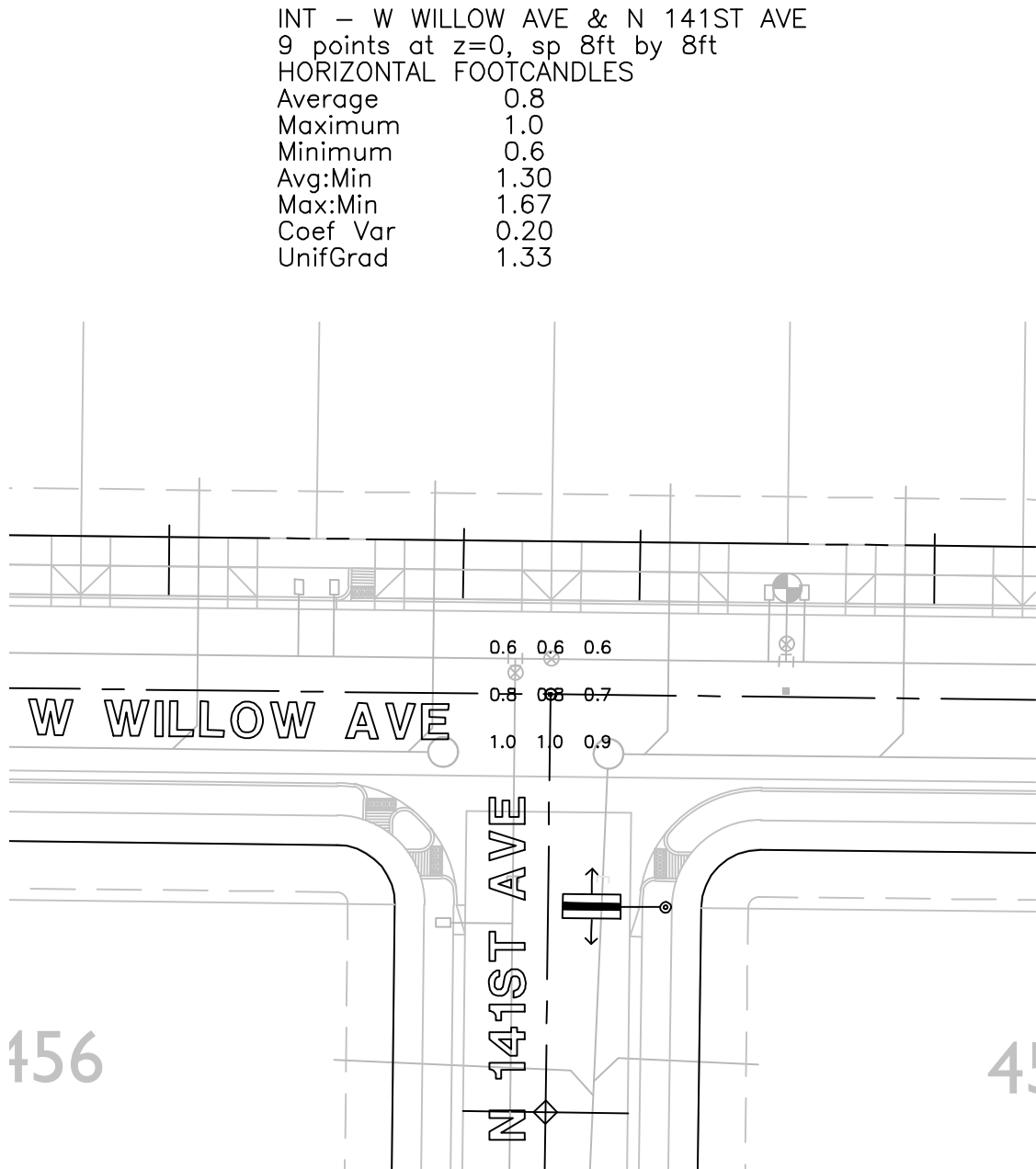
41W LED SHOEBOX
candela file 'er1_05e130-120-277v_tcm201-103950.ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 41
mounting height= 31.5 ft
number locations= 15, number luminaires= 15
kw all locations= 0.6



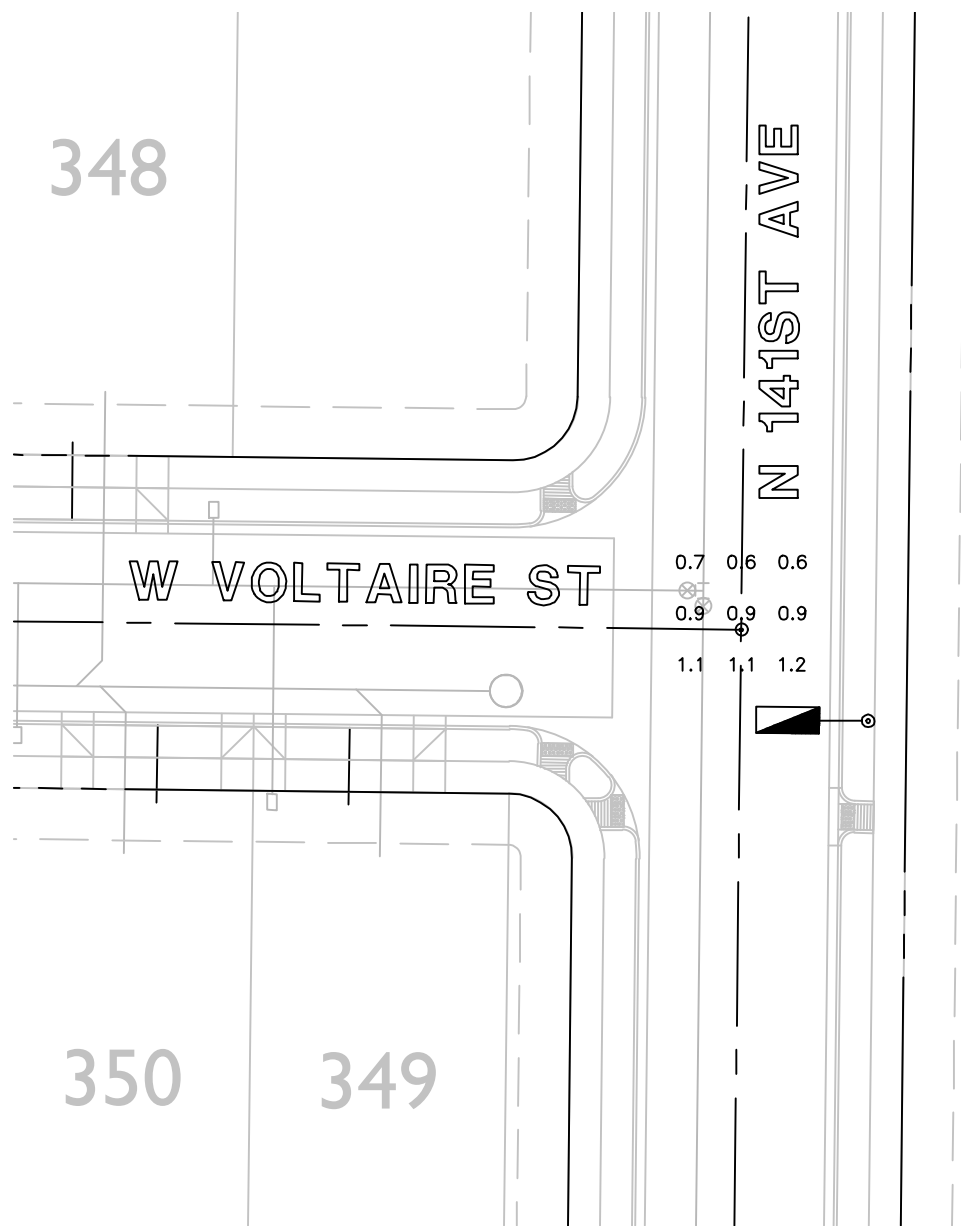
INT - W VOLTAIRE ST & N 142ND DR
9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.1
Minimum 0.5
Avg:Min 1.58
Max:Min 2.20
Coef Var 0.25
UnifGrad 1.60



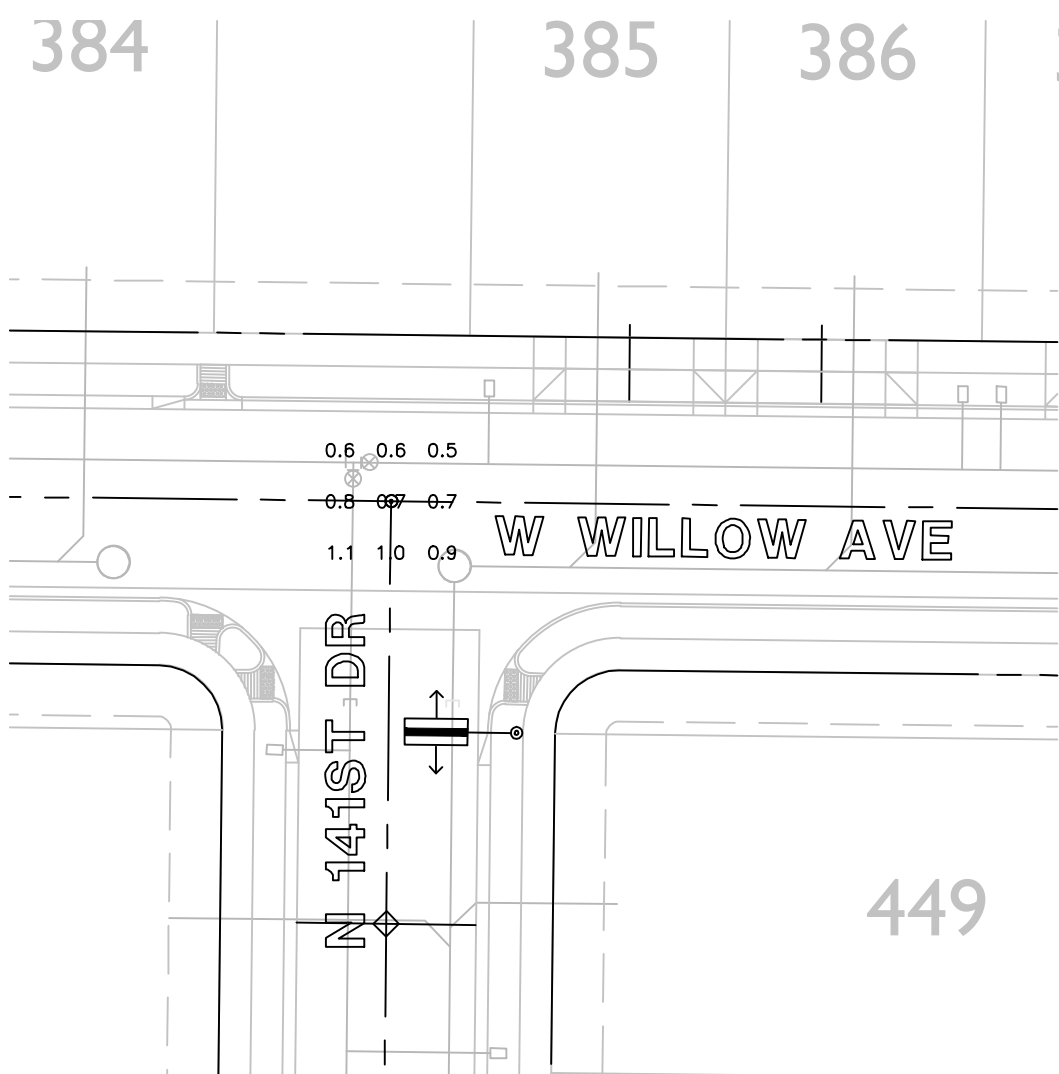
INT - W WILLOW AVE & N 142ND AVE
9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.1
Minimum 0.6
Avg:Min 1.37
Max:Min 1.83
Coef Var 0.17
UnifGrad 1.33



INT - W WILLOW AVE & N 141ST AVE
9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.0
Minimum 0.6
Avg:Min 1.30
Max:Min 1.67
Coef Var 0.20
UnifGrad 1.33



INT - W VOLTAIRE ST & N 141ST AVE
9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.9
Maximum 1.2
Minimum 0.6
Avg:Min 1.48
Max:Min 2.00
Coef Var 0.23
UnifGrad 1.50



INT - W WILLOW AVE & N 141ST DR
9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.1
Minimum 0.5
Avg:Min 1.53
Max:Min 2.20
Coef Var 0.25
UnifGrad 1.43

GRAPHIC SCALE

30150153060

1 INCH = 30 FEET

ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807

PHOTOMETRIC CALCULATION
SHEET. FOR INFORMATION ONLY.

PROJECT NAME:
HOMESTEAD AT MARLEY
PARK PHASE 4 & 5
PARCEL 5
WRIGHT ENG.
PROJECT NO: **18053**
DESIGN BY: NBG **PH-1**

H:\2018\18053-Marley Park Phase 4\Photometrics\18053-ALUX-1P5.dwg

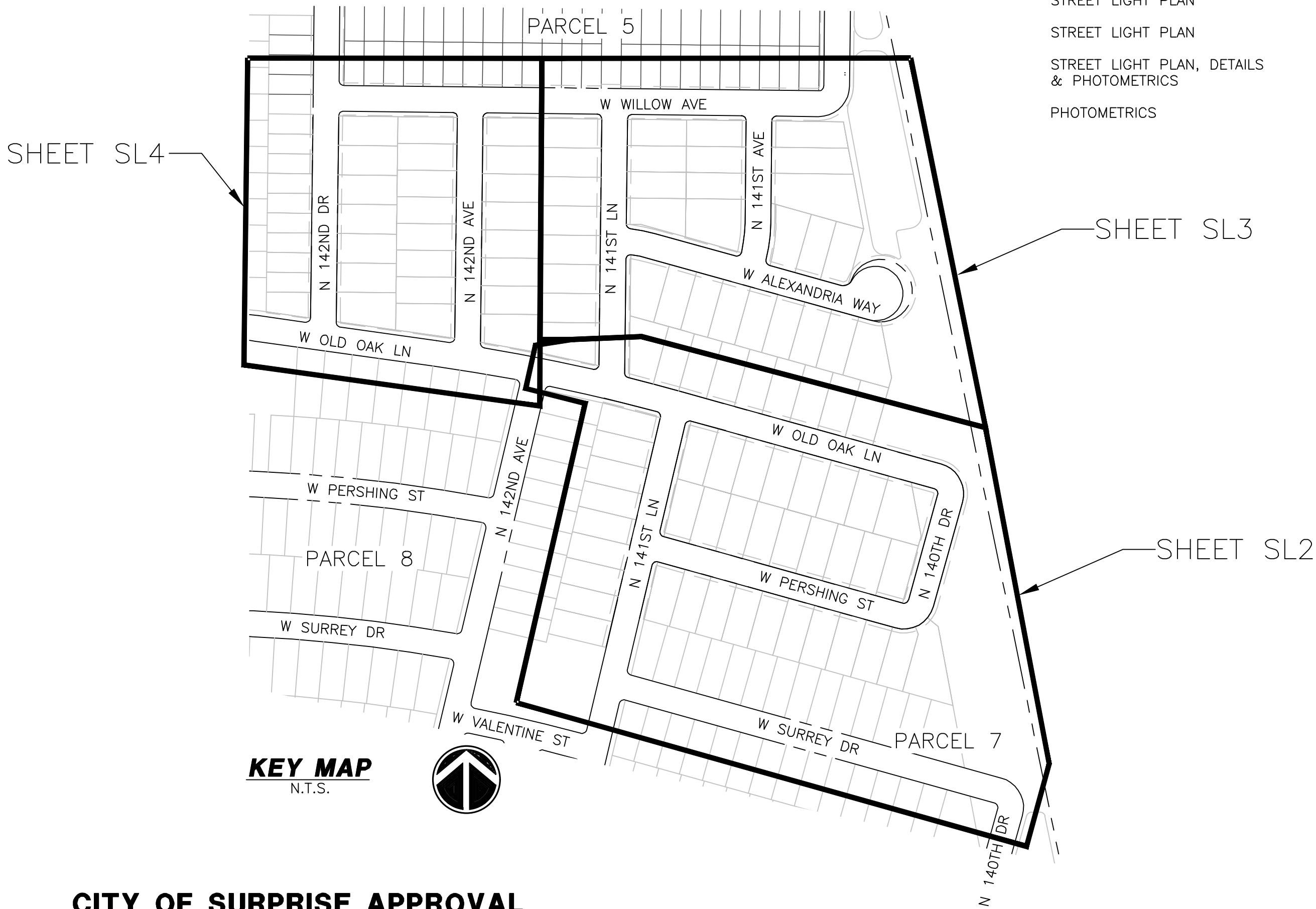
GENERAL ENGINEERING NOTES:

NOTE

THE ELECTRICAL/MAINTENANCE COSTS OF ALL STREET LIGHTS ON LOCAL AND COLLECTOR STREETS ARE TO BE PAID BY THE ADJACENT PROJECT OR THE ADJACENT DEVELOPMENT'S STREET LIGHT IMPROVEMENT DISTRICT (SLID). THE ELECTRICAL / MAINTENANCE COSTS OF ALL STREET LIGHTS ON ARTERIAL STREETS ARE TO BE BILLED TO THE CITY OF SURPRISE'S ENERGY BILL.

LED NOTE

LED TECHNOLOGY IS CHANGING RAPIDLY. THE FIXTURES SHOWN ON THESE PLANS MAY NOT BE APPLICABLE AT TIME OF CONSTRUCTION. CONTRACTOR TO COORDINATE WITH APS AND UTILIZE THEIR CURRENT SPECIFICATION AT THE TIME OF BIDDING AND CONSTRUCTION.



CITY OF SURPRISE APPROVAL

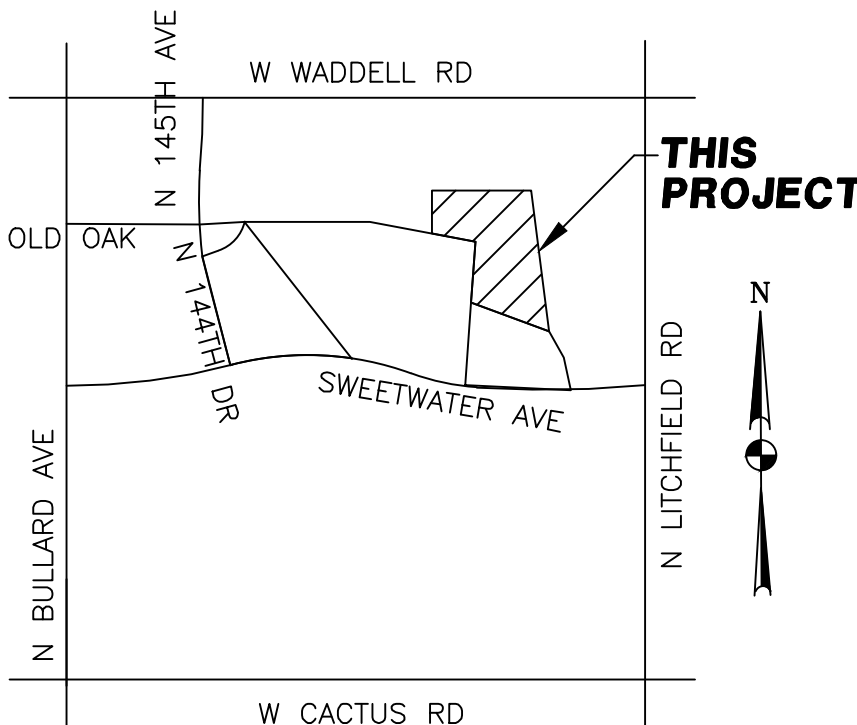
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CIVIL ENGINEER
EPS GROUP, INC.
2045 S. VINEYARD, SUITE 101
MESA, AZ 85210
PHONE: (480) 503-2250
CONTACT: JOHN MCGHEE, P.E.

OWNER
MERITAGE HOMES
8800 E RAIN TREE DR, SUITE 300
SCOTTSDALE, AZ 85260
PHONE: (480) 515-8251
CONTACT: JASON JARVIS

UTILITIES WITHIN OR AFFECTED BY THE PROJECT	
UTILITY CONTACT	DATE SUBMITTED
ARIZONA PUBLIC SERVICE	4/06/2018
CENTURY LINK	4/06/2018
COX COMMUNICATIONS	4/06/2018
COS WATER	4/06/2018
SOUTHWEST GAS	4/06/2018

STREET LIGHTING (APS AREA)																
KEY NO.	SYMBOL	STREET TYPE	OFFSET BEHIND B/C	QUANTITY	POLE		MAST ARM	LUMINAIRE							APS STANDARD CODE NO.	
					POLE HEIGHT	FOUNDATION	SIZE	MOUNTING HEIGHT	LUMENS	WATTAGE	I.E.S. DIST.	VOLTAGE	TYPE	STYLE		
①		LOCAL	PER PLANS	18	38'-0"	DIRECT BURY	2'-0"	31'-6"	4,800	41 W	TYPE II	*	LED	ARCHITECTURAL (SHOEBOX)	8030.S2.RL43	
②		LOCAL	PER PLANS	6	38'-0"	DIRECT BURY	2'-0"	31'-6"	8,200	88 W	TYPE II	*	LED	ARCHITECTURAL (SHOEBOX)	8030.S2.RL43	



VICINITY MAP
N.T.S.

SHEET INDEX

COVER SHEET	SL1
STREET LIGHT PLAN	SL2
STREET LIGHT PLAN	SL3
STREET LIGHT PLAN, DETAILS & PHOTOMETRICS	SL4
PHOTOMETRICS	SL5

WRIGHT ENGINEERING
PROJECT NO:
18053-03

DESIGN BY: JKS
DRAWN BY: JKS
CHECKED BY: AMB

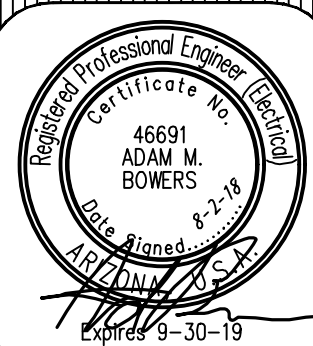
WRIGHT
engineering corporation

ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5823 • FAX 480.497.5807

PROJECT: TITLE:

SURPRISE, ARIZONA
HOMESTEAD AT MARLEY PARK
PHASE 4 & 5 - PARCEL 6
STREET LIGHT COVER SHEET

NO.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
1	APR 2018	1ST SUBMITTAL
2	AUG 2018	2ND SUBMITTAL
3	AUG 2018	3RD SUBMITTAL



DRAWING NO:

SL1
OF 5

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MATCHLINE 'A'
SEE SHEET SL3

CONSTRUCTION NOTES

- (1) 41W LED (4,800 LUMEN) FIXTURE (LIGHT CODE RL41) WITH PHOTOELECTRIC CONTROL ON A 38'-0" DIRECT BURIED POLE (1940.38) WITH A 2' MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL4). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.
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- (3) STREET LIGHT TO BE INSTALLED PER SEPARATE PLAN SET. SHOWN FOR REFERENCE ONLY.
- (4) (1) 88W LED (8,200 LUMEN) FIXTURE (LIGHT CODE RL42) WITH PHOTOELECTRIC CONTROL ON A 38'-0" DIRECT BURIED POLE (1940.38) WITH A 2' MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL3). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.

ROADWAY SCALEABLE LED 3000K

LIGHT CODE	COLOR	APN	WATTS	VOLTS	INITIAL LUMENS	CATALOG #
RL40		00141047	32	120/208/240/277	3,800	ERL1004B130ADKBZGRX
RL41		00141048	41	120/208/240/277	4,800	ERL1005E130ADKBZGRX
RL42	DNBZ	00141049	88	120/208/240/277	8,200	ERL1008E130ADKBZGRX
RL43		00141050	108	120/208/240/277	11,000	ERLH01E130ADKBZGRX
RL44		00141051	174	120/208/240/277	19,000	ERL2021C330ADKBZGRX

LEGEND

- 41W LED SHOEBOX STREET LIGHT
- 88W LED SHOEBOX STREET LIGHT
- STREET LIGHT PER SEPARATE PLAN
- FUTURE STREET LIGHT
- PULL BOX
- NEW CONDUIT RUN
- FIRE HYDRANT

WRIGHT ENGINEERING
PROJECT NO:

18053-03

DESIGN BY: JKS

DRAWN BY: JKS

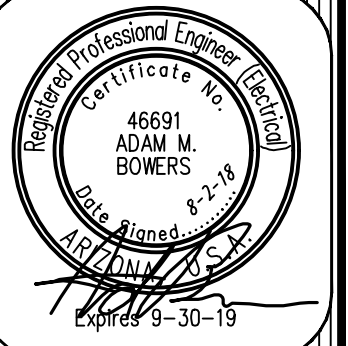
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PHONE 480.497.5825 • FAX 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:

SURPRISE, ARIZONA
HOMESTEAD AT MARLEY PARK
PHASE 4 & 5 - PARCEL 6
STREET LIGHT PLAN

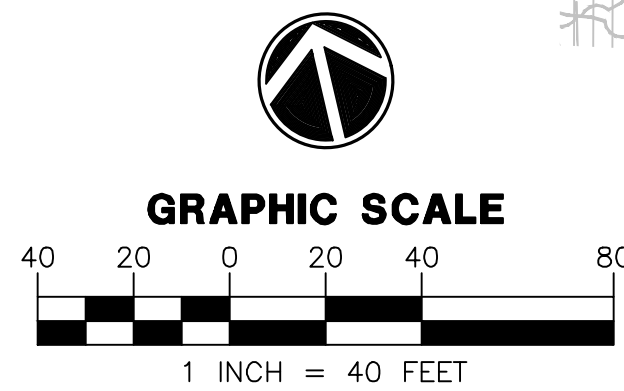
NO.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
1	APR 2018	1ST SUBMITTAL
2	AUG 2018	2ND SUBMITTAL
3	AUG 2018	3RD SUBMITTAL



DRAWING NO:

SL2
OF 5

ARIZONA BLUE STAKE
CALL TWO WORKING DAYS
BEFORE YOU DIG
Dial 811 or
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

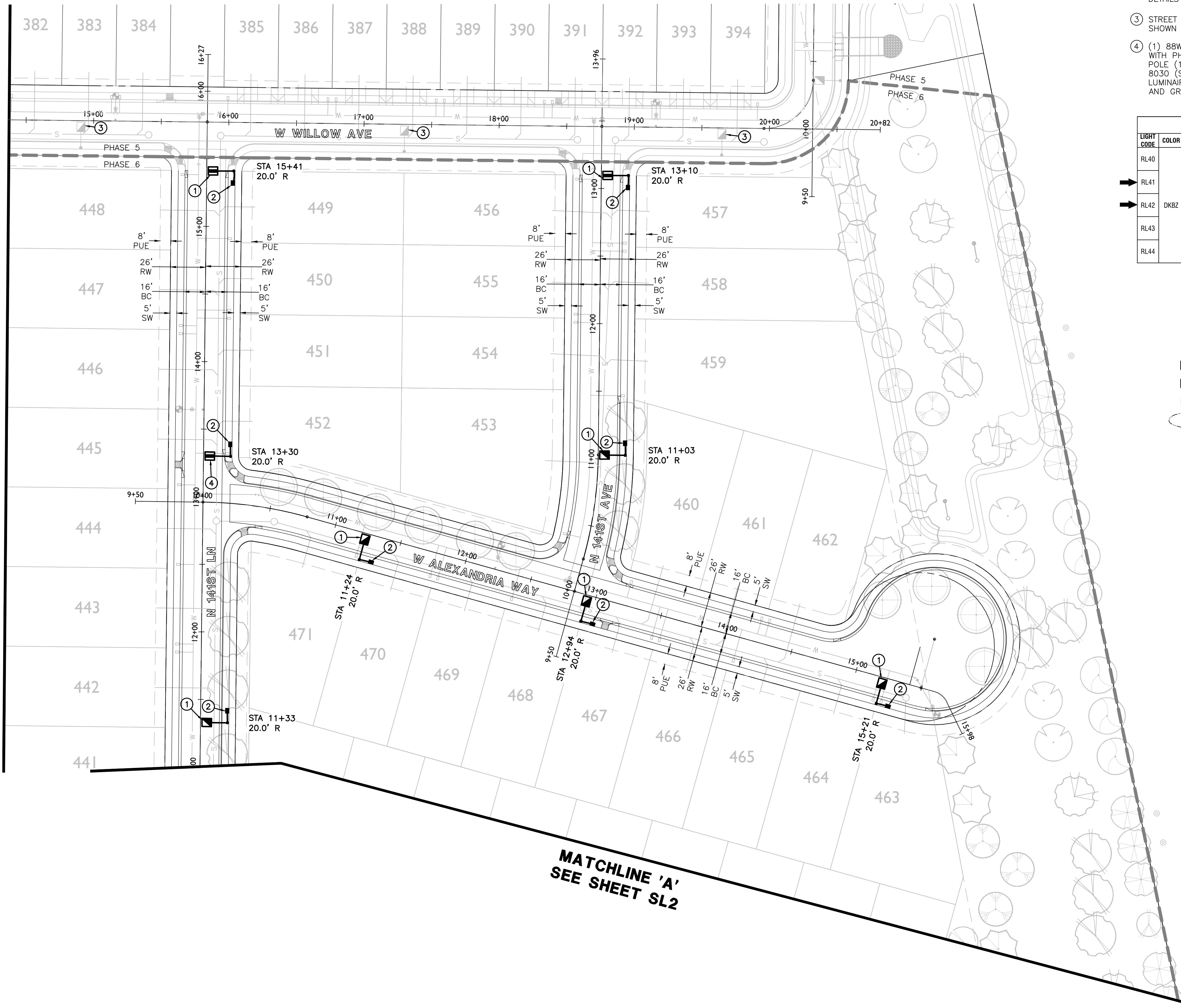


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MATCHLINE 'B'
SEE SHEET SL4



MATCHLINE 'A'
SEE SHEET SL2

CONSTRUCTION NOTES

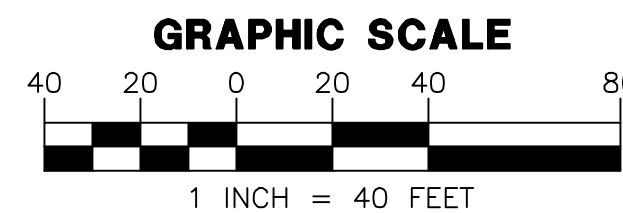
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ROADWAY SCALEABLE LED 3000K

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RL43		00141050	108	120/208/240/277	11,000	ERLH011E130ADKBZGRX
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LEGEND

- 41W LED SHOEBOX STREET LIGHT
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- STREET LIGHT PER SEPARATE PLAN
- FUTURE STREET LIGHT
- PULL BOX
- NEW CONDUIT RUN
- FIRE HYDRANT



WRIGHT ENGINEERING
PROJECT NO:
18053-03
DESIGN BY: JKS
DRAWN BY: JKS
CHECKED BY: AMB

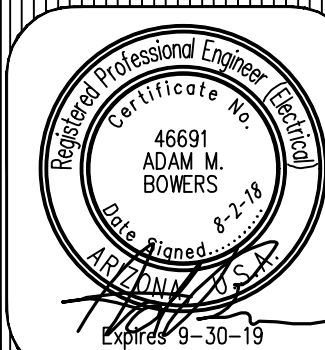
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165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:

SURPRISE, ARIZONA
**HOMESTEAD AT MARLEY PARK
PHASE 4 & 5 - PARCEL 6**

STREET LIGHT PLAN

NO.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
1	APR 2018	1ST SUBMITTAL
2	AUG 2018	2ND SUBMITTAL
3	AUG 2018	3RD SUBMITTAL



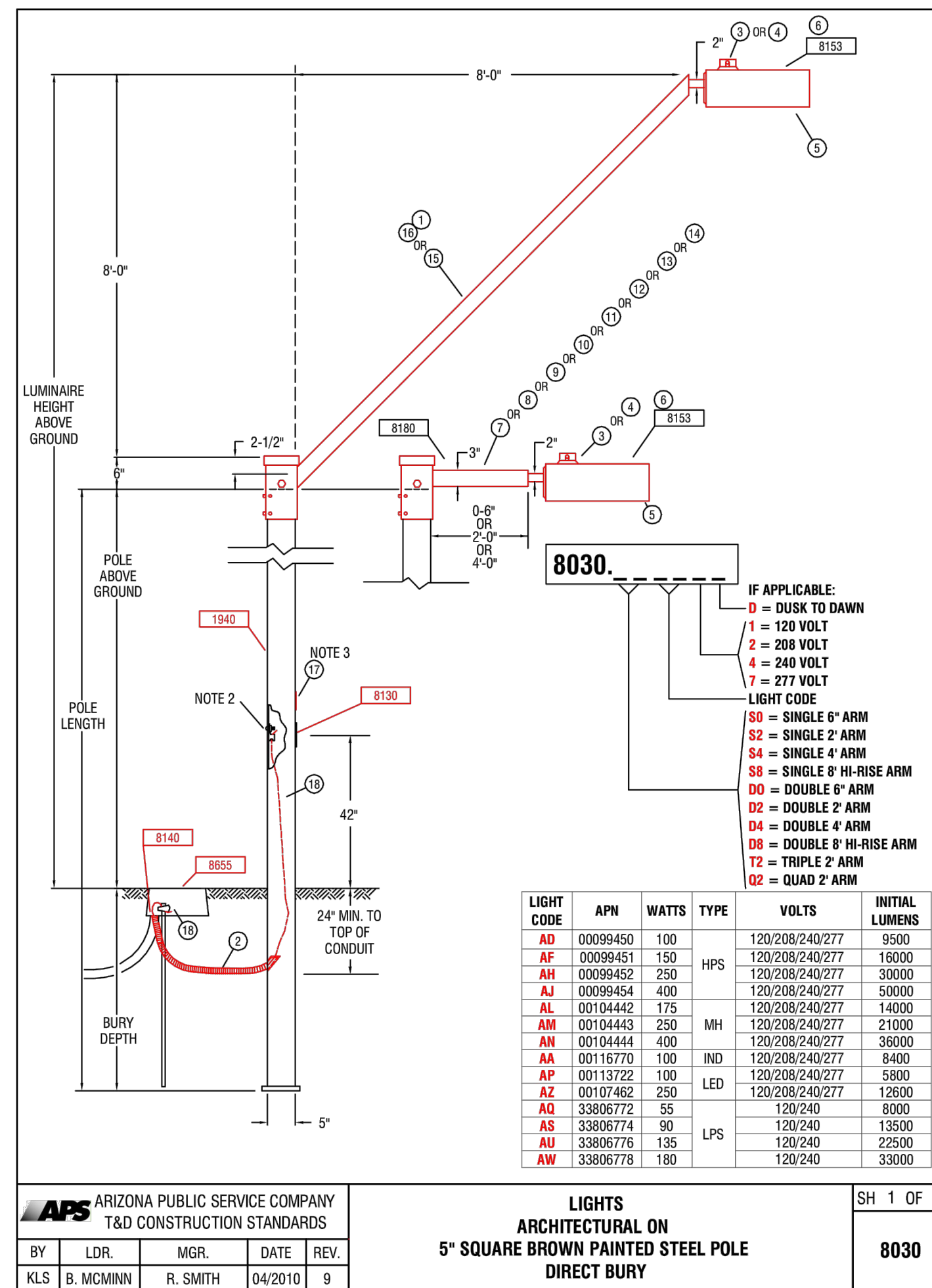
DRAWING NO:
SL3
OF 5

H:\2018\18053-Morley Park Phase 4,5\18053-Parcel 6-SL.dwg

- ① (1) 41W LED (4,800 LUMEN) FIXTURE (LIGHT CODE RL41) WITH PHOTOELECTRIC CONTROL ON A 38"-0" DIRECT BURIED POLE (1940.38) WITH A 2" MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL4). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.
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ROADWAY SCALEABLE LED 3000K						
LIGHT CODE	COLOR	APN	WATTS	VOLTS	INITIAL LUMENS	CATALOG #
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RL44		00141051	174	120/208/240/277	19,000	ERL2021C330ADKBZGRX

- 41W LED SHOEBOX STREET LIGHT
- 88W LED SHOEBOX STREET LIGHT
- STREET LIGHT PER SEPARATE PLAN
- FUTURE STREET LIGHT
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- NEW CONDUIT RUN
- FIRE HYDRANT



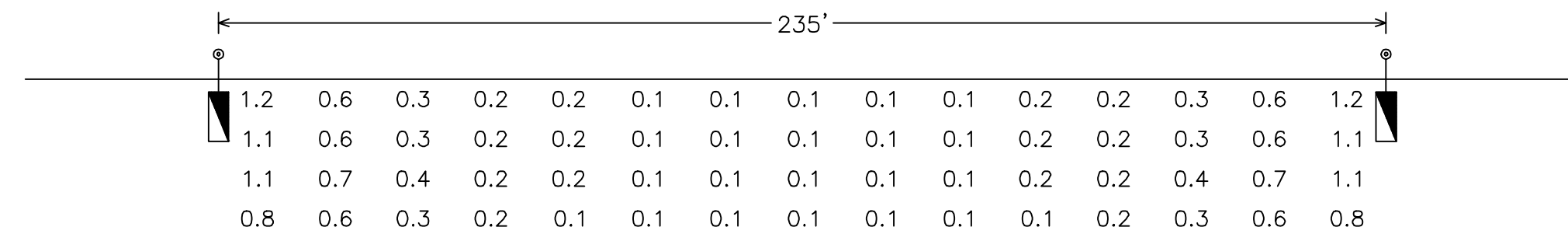
- NOTES:
1. ADJUST PHOTO EYE TO FACE NORTH.
2. A GROUND ROD IS PROVIDED WITH THE J-BOX. WHERE A GROUND ROD CAN NOT BE DRIVEN, ALTERNATE GROUND SHALL BE USED. SEE 2449 THRU 2460 FOR APPROVED ALTERNATES.
3. SIGN, "NOTICE THIS POLE IS OWNED AND MAINTAINED BY APS. DISCONNECT INSIDE." IS REQUIRED ON ALL DUSK-TO-DAWN AND AREA LIGHTING APPLICATIONS.
4. POLES THAT HAVE MORE THAN ONE LUMINAIRE REQUIRE A SEPARATE CIRCUIT WITH FUSING FROM THE J-BOX TO EACH LUMINAIRE.
5. USING THE 20'-0" POLE TO MATCH THE 16'-0" PEDESTRIAN LIGHT MOUNTING HEIGHT PLE BE BURY DEPTH TO 4'-0".
6. THE BROWN PHOTO CONTROL IS A FAIL OFF CONTROL AND SHALL BE USED WITH ALL INDUCTION AND LED LUMINAIRES.
7. ON 277 VOLT STREET LIGHT CIRCUITS, INSTALL A "277 VOLT" MISCARTA TAG ON CABLE IN J-BOX. TAG PROVIDED BY SPEC 8129.
8. THE LUMINAIRE SHOWN IS RECOMMENDED FOR THIS MOUNTING HEIGHT. SEE 8153 FOR ADDITIONAL BROWN ARCHITECTURAL LUMINAIRES.
9. THE TWO ARMED TERN BRACKET POSITIONS THE DOUBLE ARM 180 DEGREES APART.
10. TO ACCOMMODATE LESS THAN THE SPECIFIED LUMINAIRE MOUNTING HEIGHT, A SHOT ORDER IS REQUIRED TO HAVE A PORTION FROM THE TOP OF THE POLE CUT OFF. THE TERN ARM BRACKET SLIDES OVER AND COVERS THE CUT PORTION OF THE POLE.
11. IN-LINE FUSE FOR UNDERGROUND FEEDS, SEE 8130-8131.
12. FOR PEDESTRIAN ONLY APPLICATIONS SEE 8030.

POLE CODE	POLE LENGTH	BURY DEPTH	POLE ABOVE GROUND	LUMINAIRE HEIGHT ABOVE GROUND			
				6IN ARM	2FT ARM	4FT ARM	8FT ARM
1940.20	20'-0"	5'-0"	15'-0"	15'-0"	15'-0"	15'-0"	---
1940.30	30'-6"	5'-0"	25'-0"	25'-0"	25'-0"	25'-0"	33'-0"
1940.34	34'-0"	6'-0"	28'-0"	28'-0"	28'-0"	28'-0"	39'-6"
1940.38	38'-0"	6'-6"	31'-6"	31'-6"	31'-6"	31'-6"	39'-6"

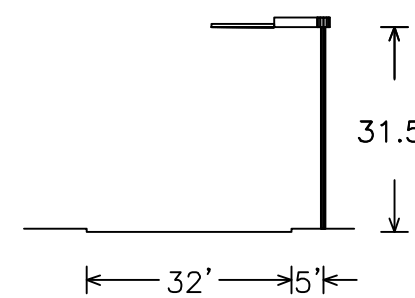
* SEE NOTE 5

[illegible]

2		 ARIZONA PUBLIC SERVICE COMPANY T&D CONSTRUCTION STANDARDS				LIGHTS ARCHITECTURAL ON 5" SQUARE BROWN PAINTED STEEL POLE DIRECT BURY		SH 2 OF 8030
BY	LDR.	MGR.	DATE	REV.				
KLS	B. MCMINN	R. SMITH	04/2010	9				

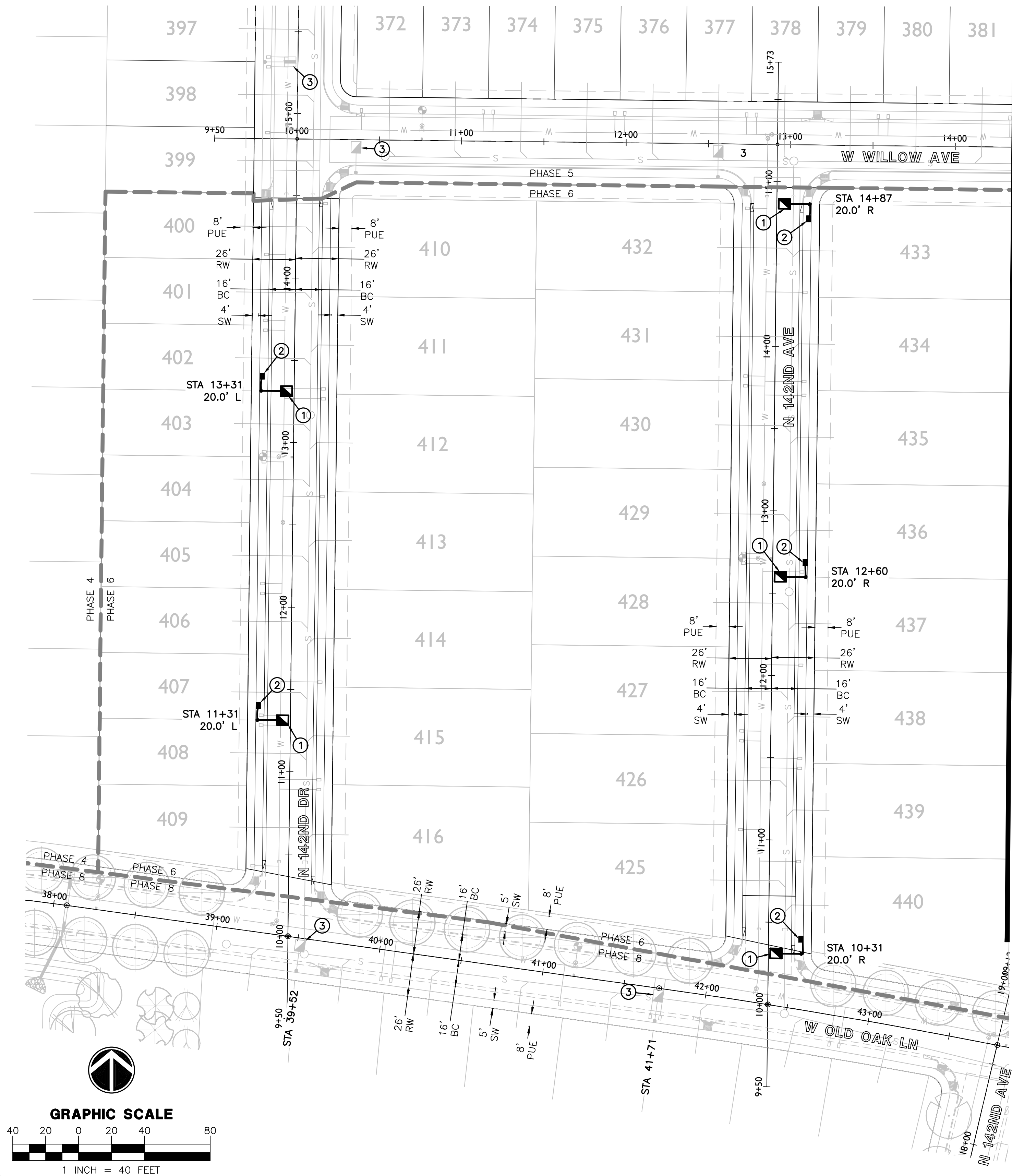
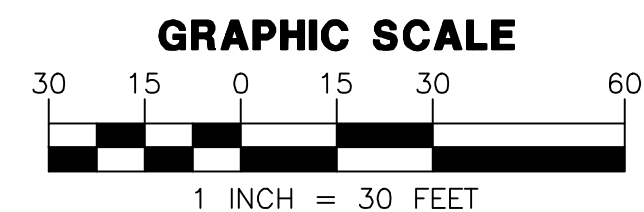


41W LED SHOEXBOX
candela file 'erl1_05e130-120-277v_tcm201-103950.ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 41
mounting height= 31.5 ft
number locations= 4, number luminaires= 4
kw all locations= 0.2



Roadway Grid
60 points at z=0, sp 15.667ft by 8ft
HORIZONTAL FOOTCANDLES

Average	0.4
Maximum	1.2
Minimum	0.1
Avg:Min	3.50
Max:Min	12.00
Coef Var	0.94
UnifGrad	2.00



MATCHLINE 'B'
SEE SHEET SL3

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WRIGHT ENGINEERING
PROJECT NO:
18053-03
DESIGN BY: JKS
DRAWN BY: JKS
CHECKED BY: AMB

WRIGHT
engineering corporation

ELECTRICAL ENGINEERING AND DESIGN
165 EAST COLUMBIA DR., CHANDLER, ARIZONA 85225
PHONE 480-497-5829 • FAX 480-497-5807
www.wrightengineering.us

PROJECT: TITLE:

SURPRISE, ARIZONA
HOMESTEAD AT MARLEY PARK
PHASE 4 & 5 - PARCEL 6

STREET LIGHT DETAILS & PHOTOMETRICS

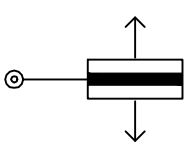
NO.	DATE	SUBMITTALS/ REVISIONS (DESCRIPTIONS)
1	APR 0010	1ST SUBMITTAL

DRAWING NO:
SL4
OF 5

ARIZONA BLUE STAKE
CALL TWO WORKING DAYS
BEFORE YOU DIG
Dial 811 or
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

H:\2018\18053-Marley Park Phase 4.5\18053-Parcel 6-SL.dwg

LEGEND

- 

88W LED
2' MAST ARM
candela file "erl1_08e130_tcm201-103998.ies"
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 88
mounting height= 31.5 ft
number locations= 9, number luminaires= 9
kw all locations= 0.8
- 

41W LED SHOEBOX
candela file "erl1_05e130-120-277v_tcm201-103950.ies"
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 41
mounting height= 31.5 ft
number locations= 20, number luminaires= 20
kw all locations= 0.8

45

INT - W ALEXANDRIA WAY & N 141ST LN
12 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.2
Minimum 0.4
Avg:Min 1.90
Max:Min 3.00
Coef Var 0.37
UnifGrad 1.50

INT - W OAK LN & N 141ST AVE
12 points
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.3
Minimum 0.5
Avg:Min 1.68
Max:Min 2.60
Coef Var 0.31

INT - W ALEXANDRIA WAY & N 141ST AVE
9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 1.1
Maximum 1.5
Minimum 0.8
Avg:Min 1.33
Max:Min 1.88
Coef Var 0.21
UnifGrad 1.50

INT - W PERSHING ST & N 141ST LN
12 points
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.0
Minimum 0.6
Avg:Min 1.36
Max:Min 1.67
Coef Var 0.18

INT - W OAK LN & N 141ST LN
9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.1
Minimum 0.5
Avg:Min 1.58
Max:Min 2.20
Coef Var 0.25
UnifGrad 1.43



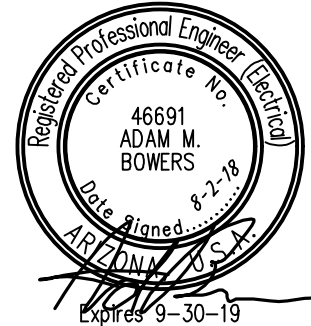
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165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807

**PHOTOMETRIC CALCULATION
SHEET. FOR INFORMATION ONLY.**

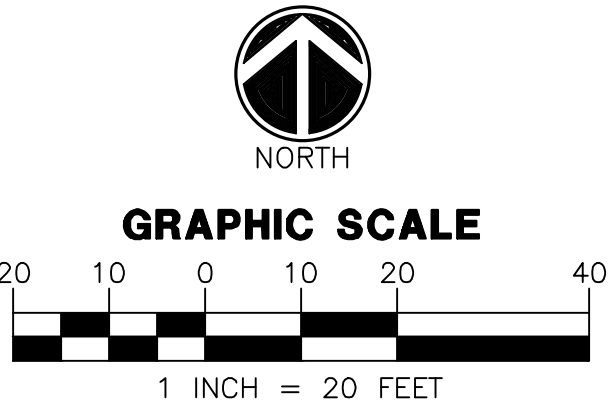
PROJECT NAME:
HOMESTEAD AT MARLEY
PARK PHASE 4 & 5
PARCEL 6

WRIGHT ENG.
PROJECT NO: **18053**

DESIGN BY: NBG **PH-1**



Professional Engineer
ADAM M. BOWERS
No. 46691
Exp. 12-31-18
Seal # 2-1-18
Expires 9-30-19



H:\2018\18053-Marley Park Phase 4.5\Photometrics\18053-ALUX-P6.dwg



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date:	November 6, 2018	Contact Person:	Karl Zook, Public Works Department
Submitting Department:		District:	5
Staff Recommendations:	None		

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action declaring the City's intention to enlarge the territory of the City of Surprise Sun City Grand Lighting Improvement District No. 2 pursuant to A.R.S. 48-616; Resolution # 2018-142.

Motion:

I move to approve Resolution # 2018-142.

Background:

The City of Surprise, Arizona Sun City Grand Lighting Improvement District No. 2 was formed in 1998 (Resolution 98-07). Since the time of formation, new parcels have been formed in and around the original street lighting improvement district ("SLID") boundary. The City intends to enlarge the existing SLID to include the new parcels. The city has verified that the Petition for the proposed SLID enlargement contains the signatures of all of the real property owners in the enlargement area of the district, exclusive of mortgages and other lien holders. Three new lights are proposed on Yorkshire Dr. which is a local roadway and will be billed to the Sun City Grand Improvement District No. 2.

Objective Analysis:

A SLID is a special taxing district in which property owners in a defined area agree to pay the costs to operate and maintain their immediate area's street lighting through a property tax. All new developments in the City of Surprise require a SLID. This action will enlarge an existing SLID boundary to include the remainder of the parcels not within the SLID and extend existing boundaries to roadway centerlines. The SLID costs are paid for by the levy and collection of an equal apportionment of taxes based on the number and classification of properties within the SLID. The enlargement of the SLID will only affect the parcels in the territory being added, as the valuation of the property may be increased.

Policy Compliant:

Surprise Municipal Code requires that street lighting that serves a defined area be paid for through revenues obtained from the specific area being served by such street lighting. The city strives to assure that residents are subject to only one SLID and that the boundaries of each SLID accurately reflect the service area. This item is consistent with these objectives.

Financial Impact:

Any financial impact on the City is anticipated to be minimal, as the Developer and District will be bearing the costs and expenses of the District and street light improvement facilities.

Budget Impact:

This is an enlargement of an existing SLID, therefore no impact to the budget is anticipated. A separate fund for this taxing district is currently in place to track the revenue and expenses.

FTE Impact:

This action does not change the full time equivalent count.

ATTACHMENTS:

Click to download

[Resoltuion 2018-142](#)

[SLID Petition](#)

[Streetlight Plan](#)

[Council Exhibit](#)

RESOLUTION # 2018-144

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF SURPRISE, ARIZONA DECLARING ITS INTENT TO ENLARGE THE CITY OF SURPRISE, ARIZONA SUN CITY GRAND LIGHTING IMPROVEMENT DISTRICT NO. 2 AND ORDERING SUCH ENLARGEMENT.

WHEREAS, on January 22, 1998, the Mayor and City Council of the City of Surprise adopted Resolution No. 98-07, ordering the formation of the City of Surprise, Arizona Sun City Grand Lighting Improvement District No. 2 (the "District") for the purpose of purchasing electricity for the lighting of the public streets and parks within the District;

WHEREAS, Ariz. Rev. Stat. § 48-616(M) permits the City to enlarge the boundaries of a street lighting improvement district ("SLID") when proper notice has been given to the owners of the real property that will be added to the SLID;

WHEREAS, Ariz. Rev. Stat. § 48-617(A) gives the City immediate jurisdiction to order the creation or enlargement of a SLID without notice when all owners of the real property being added to the SLID have petitioned the City to form or enlarge the SLID;

WHEREAS, the owners, exclusive of mortgagees and other lienholders, of parcels of property which adjoin the District (hereinafter referred to as "Petitioners") acting pursuant to the provisions of Ariz. Rev. Stat. §§ 48-616(M) and 48-617(A), have petitioned the City to enlarge the District to include said property legally described in Exhibit A to this resolution, with such boundaries as shown in the map in Exhibit B to this resolution;

WHEREAS, the City has verified and finds that Petitioners are the owners, exclusive of mortgagees and other lienholders, of all of the real property being added to the boundary of the District;

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Surprise, Arizona, as follows.

Section 1. *District Enlargement.* The City of Surprise, Arizona Sun City Grand Lighting Improvement District No. 2 shall be enlarged by the addition of the property described in Exhibit A and Exhibit B, which are incorporated by reference hereto into this Resolution. The annual tax levied upon the District will remain in full force and effect, and, commencing in fiscal year 2019/2020 will apply to the District as enlarged by this Resolution.

Section 2. *Recording and Filing of this Resolution.* A certified copy of this Resolution shall be recorded in the office of the Maricopa County Recorder. Certified copies of this Resolution shall also be filed with the Arizona Department of Revenue and the Maricopa County Assessor's office pursuant to Ariz. Rev. Stat. § 42-17257.

APPROVED AND ADOPTED this ____ day of _____, 2018.

Sharon R. Wolcott, Mayor

Attest:

Approved as to form:

Sherry Aguilar, City Clerk

Robert Wingo, City Attorney

EXHIBIT A
LEGAL DESCRIPTION
THE COLONNADE
S.L.I.D. EASEMENT

Lots 7 and 8, the east 10.00 feet of Lot 6, the west 33.00 feet of Lot 9 and a portion of the right-of-way of Santa Fe Avenue (now known as W. Yorkshire Drive) of Beardsley Tract A, as recorded in Book 28, Page 6, Maricopa County Records, Arizona, all lying within the Southeast quarter of Section 29, Township 4 North, Range 1 West of the Gila and Salt River Meridian, Maricopa County, Arizona, more particularly described as follows:

COMMENCING at a found 3/4 inch iron pipe with P.K. nail in the center of an iron pipe accepted as the East quarter corner of said Section 29 from which a found aluminum cap accepted as the Southeast corner thereof bears South 00°07'17" East, 2636.15 feet;

Thence North 89°21'20" West, 1090.15 feet along the north line of said Southeast quarter;

Thence leaving said north line, South 00°37'58" West, 20.00 feet along the northerly prolongation of the east line of the west 33.00 feet of said Lot 9, to the **POINT OF BEGINNING**;

Thence continuing along said northerly extension and said east line, South 00°37'58" West, 333.00 feet;

Thence along the south line of said Lots 6 through 9, North 89°22'02" West, 243.00 feet;

Thence leaving said south line, North 00°37'58" East, 267.05 feet along the west line of the east 10.00 feet of said Lot 6;

Thence leaving said west line, North 89°21'20" West, 403.62 feet along the southerly right-of-way line of said W. Yorkshire Drive;

Thence leaving said southerly right-of-way line, North 00°40'35" East, 66.00 feet;

Thence South 89°21'20" East, 646.57 feet along the northerly right-of-way line of said W. Yorkshire Drive to the **POINT OF BEGINNING**.

The above described parcel contains a computed area of 107,562 sq. ft. (2.4693 acres) more or less and being subject to any easements, restrictions, rights-of-way of record or otherwise.

The description shown hereon is not to be used to violate any subdivision regulation of the state, county and/or municipality or any land division restrictions.

Prepared by: HILGARTWILSON, LLC
2141 E. Highland Avenue, Suite 250
Phoenix, AZ 85016
Project No. 1167
Date: December 2017



EXHIBIT B

CENTER OF SECTION
SECTION 29, T4N, R1W
FOUND WITNESS CORNER 5' NORTH
ON MID-SECTION LINE STAMPED
"C₁ WC S29 T4N R1W 5'S
RLS 19344 2014"

EAST QUARTER CORNER
SECTION 29, T4N, R1W
FOUND ¾" IRON PIPE
W/ P.K. NAIL IN CENTER
DOWN 0.2'
P.O.B.

S89°21'20"E
646.57'

N89°21'20"W 2623.95'

W. YORKSHIRE DRIVE

N89°21'20"W
403.62'
N00°40'35"E
66.00'

66' R/W
N00°37'58"E
267.05'

LOT 6

LOT 7

LOT 8

LOT 9

N89°22'02"W
243.00'

S00°37'58"W
333.00'

LOT 14
BOOK 1083,
PAGE 15, M.C.R.

WEST LINE OF
THE EAST 10.00'
OF LOT 6



S00°07'17"E 2636.15'

LINE TABLE

LINE NO.	DIRECTION	LENGTH
L1	S00°37'58"W	20.00'

SOUTHEAST CORNER
SECTION 29, T4N, R1W
FOUND ALUMINUM CAP
STAMPED 28, 29, 32, 33,
LS 21780, 2008

PROJ.NO.: 1167

DATE: DEC. 2017

SCALE: N.T.S.

DRAWN BY: JDL

CHECKED BY: KJP

THE COLONNADE

S.L.I.D. EASEMENT
SURPRISE, ARIZONA

EXHIBIT

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

STREET LIGHT IMPROVEMENT DISTRICT PETITION

TO THE MAYOR AND COUNCIL OF THE CITY OF SURPRISE:

We, the undersigned, are all or a majority of the real property owners, exclusive of mortgagees and other lienholders, adjoining the district named below. We petition the City Council of the City of Surprise, Arizona, to enlarge the District to include said property legally described in Exhibit A with such boundaries as shown in the map in Exhibit B attached hereto. This petition includes a charge for maintaining the lighting facilities.

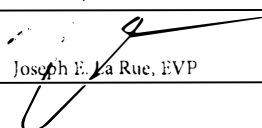
It is hereby requested that, in compliance with the Arizona Revised Statutes, the City Council adopt a Resolution of Intention to enlarge the existing District, and that unless protests are received pursuant to A.R.S. §48-579 sufficient to bar further proceedings, the City Council proceed with the improvements petitioned for herein.

Public convenience, necessity and welfare will be promoted by the establishment of the District and the real property within the District will be benefited by the District. Additional street lighting facilities may be installed and included in the District, at no investment cost to the District, as directed by the City and as approved by Arizona Public Service and the City Engineer.

WHEREFORE, we respectfully ask that this Petition be properly filed and that the Mayor and Council of the City adopt the Resolution and take such other action as is proper, necessary and appropriate to enlarge the District and to fulfill the purposes for which the District is organized, as the Mayor and Council believe is proper and necessary.

The name of the existing street light improvements district to be enlarged:
City of Surprise, Arizona Sun City Grand Lighting Improvement District No. 2

PETITIONERS: Please print and sign your name

PRINT BUSINESS/ PETITIONER'S NAME	ADDRESS OF PROPERTY OWNED WITHIN DISTRICT	ASSESSOR PARCEL #	SIGNATURE
Sun Health Colonnade An Arizona Non Profit Corporation	19116 Colonnade Way Surprise, AZ 85374	503-60-972	 Joseph E. La Rue, EVP



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

AVAILABILITY

This rate schedule is applicable to those portions of cities, towns and unincorporated communities in which the Company does a general retail electric business and where the Company has installed a multiple or series street lighting system of adequate capacity for the service to be rendered.

DESCRIPTION

E-58 is a rate that is applicable for lighting public streets, alleys, thoroughfares, public parks and playgrounds from dusk to dawn by use of Company's facilities.

TIME PERIODS

Dusk: Time between sunset and full night when photocontrol senses the lack of sufficient sunlight and turns on the lights.
Dawn: The time between full night and sunrise when a photocontrol senses sufficient sunlight to turn off lights.

CHARGES

The monthly bill will consist of the following charges, plus adjustments.

I. FIXTURES (Includes Mounting Arm, if Applicable)

	Lumen	Watts	kWh	CHARGES	
				Investment by Company	Investment by Others
A. Acorn	3,835 LED	75	26	\$21.63	\$7.59
	4,796 LED	75	26	\$17.38	\$6.46
	5,003 LED	100	35	\$23.45	\$8.71
	5,904 LED	100	35	\$23.03	\$8.60
	6000 IND	85	29	\$19.24	\$5.14
B. Architectural	6,200 IND	85	29	\$10.13	\$3.93
	8,400 IND	100	34	\$10.69	\$4.36
	10,200 IND	120	41	\$11.75	\$4.99
	13,000 IND	150	52	\$12.98	\$5.93
	20,500 IND	200	69	\$14.78	\$7.37
	22,500 IND	265	91	\$17.63	\$9.28
	3,300 LED	43	15	\$10.24	\$3.79
	3,800 LED	32	12	\$7.73	\$2.92
	3,900 LED	32	12	\$9.96	\$3.51
	4,050 LED	63	22	\$18.63	\$6.52
	4,100 LED	45	16	\$10.34	\$3.89
	4,800 LED	41	15	\$8.27	\$3.27
	5,000 LED	41	15	\$9.61	\$3.62



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

	CHARGES				
	Lumen	Watts	kWh	Investment by Company	Investment by Others
	5,100 LED	60	21	\$10.18	\$4.19
	5,300 LED	67	24	\$10.47	\$4.48
	5,800 LED	94	32	\$17.81	\$5.16
	5,890 LED	89	31	\$20.56	\$7.66
	6,000 LED	62	22	\$18.63	\$6.52
	6,000 LED	67	24	\$19.89	\$6.99
	6,400 LED	89	31	\$17.89	\$5.10
	6,810 LED	101	35	\$18.89	\$7.50
	7,100 LED	62	22	\$19.70	\$6.80
	7,400 LED	127	44	\$20.42	\$6.34
	7,500 LED	73	26	\$20.08	\$7.18
	7,700 LED	86	30	\$18.41	\$7.02
	8,200 LED	88	31	\$10.45	\$4.97
	8,200 LED	95	33	\$11.87	\$5.48
	8,300 LED	72	25	\$17.93	\$6.54
	8,300 LED	106	37	\$12.45	\$5.91
	8,500 LED	88	31	\$11.69	\$5.30
	9,020 LED	139	48	\$22.94	\$9.47
	9,200 LED	139	48	\$25.60	\$7.30
	9,900 LED	130	45	\$13.82	\$6.84
	10,000 LED	93	32	\$21.43	\$7.96
	10,000 LED	113	39	\$13.26	\$6.28
	10,600 LED	126	44	\$22.56	\$9.09
	11,100 LED	108	38	\$12.76	\$6.07
	11,500 LED	108	38	\$13.16	\$6.18
	12,300 LED	203	70	\$25.48	\$8.85
	12,900 LED	119	41	\$22.31	\$8.82
	13,260 LED	202	70	\$27.11	\$12.12
	13,620 LED	202	70	\$28.49	\$9.24
	14,000 LED	171	59	\$26.07	\$11.08
	15,000 LED	136	47	\$24.93	\$9.94
	15,400 LED	144	50	\$25.21	\$10.22
	18,300 LED	162	56	\$16.13	\$8.22
	19,200 LED	257	89	\$26.87	\$13.38
	20,000 LED	258	89	\$26.87	\$13.38
	20,300 LED	193	67	\$17.17	\$9.26
	21,000 LED	193	67	\$24.77	\$11.28
C. Cobra	6,200 IND	75	26	\$10.54	\$3.77
	6,400 IND	85	29	\$8.97	\$3.78
	8,000 IND	88	30	\$10.47	\$4.04
	8,400 IND	100	34	\$9.70	\$4.24
	10,200 IND	120	41	\$10.44	\$4.81



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

				CHARGES				
				Investment by Company	Investment by Others			
				Lumen	Watts	kWh		
C. Cobra				13,000 IND	150	52	\$11.50	\$5.73
				15,250 IND	200	69	\$13.86	\$7.25
				22,500 IND	250	86	\$18.55	\$9.06
		Gray / Bronz		3,500 IND	55	19	\$10.50	\$3.27
				6,000 LED	95	33	\$17.05	\$5.13
				8,700 LED	142	49	\$19.17	\$6.53
				9,600 LED	157	54	\$20.40	\$7.04
				11,600 B-LED	181	62	\$19.03	\$7.44
		Gray / Bronz		3,300 LED	43	15	\$9.00	\$2.79
		Gray / Bronz		5,300 LED	67	23	\$10.45	\$3.54
		Gray / Bronz		8,300 LED	106	37	\$13.55	\$4.94
		Gray / Bronz		10,500 LED	130	45	\$15.08	\$5.69
		Gray / Bronz		20,000 LED	258	89	\$26.21	\$10.27
D. Decorative Transit				5,300 LED	75	26	\$28.44	\$6.12
				8,300 LED	100	34	\$30.45	\$6.97
				8,147 LED	75	26	\$35.76	\$11.36
				9,522 LED	100	35	\$36.14	\$12.09
				10,500 LED	150	52	\$32.69	\$8.52
				14,896 LED	150	52	\$39.98	\$14.29
		Double		8,147 LED	75	26	\$64.74	\$18.96
		Double		9,522 LED	100	35	\$64.67	\$19.58
		Double		14,896 LED	100	52	\$70.67	\$22.32
		Copper		6,000 IND	85	29	\$18.87	\$5.09
		Gray / Black		8,000 IND	88	30	\$14.86	\$4.62
		Gray / Black		4,350 LED	86	30	\$13.48	\$4.44
E. Flood				14,470 LED	148	51	\$23.93	\$9.95
				16,000 LED	125	43	\$23.17	\$9.19
F. Pendant				8,678 LED	75	26	\$26.36	\$8.85
				13,964 LED	100	35	\$27.84	\$9.88
G. Post Top				4,350 LED	86	30	\$13.43	\$5.69
				6,400 LED	30	30	\$13.43	\$5.69
				6,600 LED	83	29	\$13.33	\$5.59
H. Roadway				3,300 LED	43	15	\$9.46	\$3.58
				3,800 LED	32	12	\$7.24	\$2.79
				3,900 LED	32	12	\$9.18	\$3.30
				4,100 LED	45	16	\$9.56	\$3.68
				4,800 LED	41	15	\$7.76	\$3.13
				5,000 LED	41	15	\$9.12	\$3.49
				5,100 LED	60	21	\$9.69	\$4.06
				5,300 LED	67	24	\$9.98	\$4.35
				8,200 LED	88	31	\$9.72	\$4.77



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

	8,200 LED	95	33	\$11.36	\$5.34
	8,300 LED	106	37	\$11.74	\$5.72
	8,500 LED	88	31	\$11.18	\$5.16
	9,900 LED	130	45	\$13.31	\$6.70
	10,000 LED	113	39	\$12.75	\$6.14
	11,100 LED	108	38	\$12.03	\$5.88
	11,500 LED	108	38	\$12.65	\$6.04
	18,300 LED	162	56	\$15.23	\$7.98
	19,200 LED	257	89	\$19.11	\$11.32
	20,000 LED	258	89	\$19.11	\$11.32
	20,300 LED	193	67	\$16.27	\$9.02
	21,000 LED	193	67	\$17.01	\$9.22

FROZEN	4,000 INC	295	103	\$10.54	\$5.89
	7,000 MV	175	73	\$13.65	\$7.83
	11,000 MV	250	96	\$17.09	\$10.43
	20,000 MV	400	150	\$26.84	\$15.21
FROZEN ACORN	9,500 HPS	100	41	\$29.14	\$9.93
	16,000 HPS	150	69	\$32.35	\$12.55
FROZEN ARCHITECTURAL	9,500 HPS	100	41	\$16.56	\$7.90
	16,000 HPS	150	69	\$19.77	\$19.34
	30,000 HPS	250	99	\$22.95	\$13.57
	50,000 HPS	400	153	\$28.32	\$19.53
	14,000 MH	175	72	\$23.17	\$12.70
	21,000 MH	250	101	\$26.31	\$15.66
	36,000 MH	400	159	\$32.89	\$21.54
	8,000 LPS	55	30	\$24.08	\$10.58
	13,500 LPS	90	50	\$28.39	\$12.76
	22,500 LPS	135	72	\$32.43	\$15.56
FROZEN COBRA ROADWAY	33,000 LPS	180	90	\$39.01	\$18.33
	5,800 HPS	70	29	\$9.40	\$5.56
	9,500 HPS	100	41	\$11.07	\$6.81
	16,000 HPS	150	69	\$13.86	\$9.50
FROZEN COBRA ROADWAY	30,000 HPS	250	99	\$16.72	\$12.35
	50,000 HPS	400	153	\$22.69	\$17.63
	14,000 MH	175	72	\$16.12	\$10.99
	21,000 MH	250	101	\$18.84	\$13.67
	36,000 MH	400	159	\$24.81	\$18.99
FROZEN DECORATIVE TRANSIT	8,000 FL	100	38	\$18.53	\$5.43
	9,500 HPS	100	41	\$39.95	\$11.96
	16,000 HPS	150	69	\$39.72	\$13.36
FROZEN FLOOD	30,000 HPS	250	99	\$45.74	\$17.26
	30,000 HPS	250	99	\$22.20	\$13.79
	50,000 HPS	400	153	\$27.53	\$19.14
	21,000 MH	250	101	\$23.69	\$14.58
FROZEN Colonial Gray	36,000 MH	400	159	\$28.89	\$19.76
	8,000 FL	100	38	\$19.97	\$5.64



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

POST TOP	Colonial Gray	9,500 HPS	100	41	\$11.42	\$7.16
	Colonial Black	9,500 HPS	100	41	\$13.15	\$7.41
	Decorative	9,500 HPS	100	41	\$34.97	\$11.03

NOTES:

1. Investment by Company. These rates are applicable where the Company provides the initial investment to purchase and install all facilities necessary for street lighting service. The Company will own, operate, and maintain the street lighting system.
2. Investment by Others. These rates are applicable in those instances where the requesting entity or individual purchases and installs the street lighting facilities at their own expense and in accordance with Company specifications. These rates will also apply in the instance where the Customer provides a non-refundable advance to the Company to cover the Company's cost of purchasing and installing the street lighting system. The Company retains ownership of the street lighting system and provides operation and maintenance for all facilities.
3. Listed kWhs reflect the assigned monthly energy usage for each type of fixture and are used to determine any applicable transmission, system benefit, distribution, energy, and adjustment charges.
4. HPS = High Pressure Sodium
5. MH = Metal Halide
6. LPS = Low Pressure Sodium
7. FL = Fluorescent
8. INC = Incandescent. Incandescent lighting charges are applicable and available only to those Customers being served and those installations in service on November 1, 1986.
9. MV = Mercury Vapor. Mercury Vapor lighting charges are applicable and available only to those Customers being served and those installation in service on November 1, 1986 in accordance with A.R.S. §49-1104(A).
10. LED = Light Emitting Diode
11. IND = Induction



RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE

II. POLES

				CHARGES		
				Investment by Company	Investment by Others	
A. Anchor Base Mounted (Flush)	Round Steel	1 Simplex Adapter	Height			
			12 ft.	\$13.11	\$1.81	
			22 ft.	\$14.75	\$2.03	
			25 ft.	\$15.97	\$2.21	
			30 ft.	\$18.34	\$2.52	
		32 ft.	\$19.27	\$2.55		
		2 Simplex Adapters	12 ft.	\$13.98	\$1.93	
			22 ft.	\$16.06	\$2.22	
			25 ft.	\$16.75	\$2.31	
			30 ft.	\$19.47	\$2.68	
	32 ft.		\$20.77	\$2.87		
	Square Steel	5"	13 ft.	\$15.03	\$2.06	
			15 ft.	\$13.43	\$1.85	
			23 ft.	\$15.93	\$2.19	
			25 ft.	\$17.51	\$2.41	
			28 ft.	\$19.44	\$2.67	
			32 ft.	\$19.33	\$2.66	
	Concrete		12 ft.	\$44.79	\$6.17	
	Fiberglass		12 ft.	\$37.93	\$5.22	
	Decorative Transit		4"	16 ft.	\$36.98	\$5.10
	Decorative Transit		6"	30 ft.	\$71.39	\$9.83
	Hinged Poles		Square	15 ft.	\$14.21	\$1.16
Round			19 ft.	\$12.85	\$1.05	
B. Anchor Base Mounted (Pedestal)	Round Steel	1 Simplex Adapter	12 ft.	\$12.61	\$1.73	
			22 ft.	\$14.26	\$1.96	
			25 ft.	\$15.46	\$2.13	
			30 ft.	\$17.85	\$2.47	
			32 ft.	\$18.75	\$2.58	
		2 Simplex Adapters	12 ft.	\$13.47	\$1.85	
			22 ft.	\$15.05	\$2.06	
			25 ft.	\$16.24	\$2.23	
			30 ft.	\$18.97	\$2.60	
			32 ft.	\$20.26	\$2.79	
		3 Bolt	32 ft.	\$23.28	\$3.20	
		Square Steel	5"	13 ft.	\$14.54	\$2.01
				15 ft.	\$14.86	\$2.03
				23 ft.	\$15.43	\$2.13
	25 ft.			\$17.02	\$2.36	
	28 ft.			\$18.91	\$2.60	
	32 ft.			\$19.63	\$2.69	



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

II POLES (cont)

		CHARGES		
		Height	Investment by Company	Investment by Others
C. Direct Bury	Round Steel	19 ft.	\$19.84	\$2.74
		30 ft.	\$15.49	\$2.87
		38 ft.	\$18.90	\$2.94
		Self 40 ft.	\$23.28	\$3.69
		Stepped 25 ft.	\$53.55	\$4.37
		32 ft.	\$56.40	\$4.60
		49 ft.	\$70.00	\$9.65
	Square Steel	4" 34 ft.	\$17.09	\$2.96
		5" 20 ft.	\$16.23	\$2.68
		30 ft.	\$16.92	\$2.79
		38 ft.	\$18.36	\$3.19
		8" 28 ft.	\$30.64	\$2.49
		32 ft.	\$32.03	\$2.62
		Decorative Transit 41 ft 6	\$22.05	\$3.24
	Decorative Transit	47 ft.	\$27.47	\$4.04
	Steel Distribution Pole (for lighting only)	35 ft.	\$25.36	\$3.34
D. Post Top	Decorative Transit Anchor Base	16 ft.	\$37.77	\$5.19
	Gray Steel/Fiberglass	23 ft.	\$13.10	\$2.15
	Black Steel	23 ft.	\$14.44	\$2.38
E. Existing distribution pole suitable for streetlight use			\$1.59	--
F. FROZEN	Wood Poles	30 ft.	\$9.64	\$1.67
		35 ft.	\$9.64	\$1.59

NOTE: The monthly rate for all new poles includes up to 300 feet of overhead secondary wire, or up to 300 feet of underground secondary wire if the Customer provides earthwork and conduit (excluding the underground to overhead transition).

III. ANCHOR BASE

		CHARGES		
		Height	Investment by Company	Investment by Others
A. Flush		4 ft.	\$10.67	\$1.47
		6 ft.	\$12.73	\$2.21
B. Pedestal		8 ft.	\$14.59	\$2.54
	For 32' Round Steel Pole only	4 ft. 6"	\$10.12	\$1.75



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

IV. CHARGES FOR OPTIONAL OR ADDITIONAL EQUIPMENT

		CHARGE
		Company Owned
Underground Circuit Charges:		
a.	Per foot of cable, installed under paving	\$0.17000
b.	Per foot of cable, not installed under paving	\$0.06000

V. DETERMINATION OF CHARGES FOR NEW EQUIPMENT

Monthly charges for new lighting fixtures, poles and other equipment not included in Sections I, II, or III above will be determined by the Company using the following method:

Step 1 Determination of Charges for each Charge Type							Monthly Fixed Charge Rate
Charge Type	Monthly Charge		Cost Inputs Equipment Cost		PV Factor		
1	Carrying Cost (fixtures)	=	(installed)	x	NA	x	1.518%
			Equipment Cost				
2	Carrying Cost (poles)	=	(installed)	x	NA	x	1.296%
			Equipment Cost				
3	Fixture Replacement Cost	=	Equipment Cost (installed)	x	0.257	x	1.518%
4	Pole, Anchor Replacement Cost	=	Equipment Cost (installed)	x	0.110	x	1.296%
5	Lighting O&M	=	O&M Cost (lifecycle)	x	0.427	x	1.518%
Charge Type	Monthly Charge		kWh Input		\$/kWh		
6	Generation	=	kWh per month	x	0.06760		
7	T&D, RCS, SB	=	kWh per month	x	0.02738		



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

Step 2 **Determination of Total Monthly Charge**
The total monthly charge will be the summation of the charges for each applicable charge type

<u>Equipment</u>	<u>Charge Type</u>
Fixture - IBC	1,5,6,7
Fixture - IBO	3,5,6,7
Pole, Anchor Base - IBC	2
Pole, Anchor Base - IBO	4

TRIP CHARGE

A \$100.00 trip charge per light will be charged when a Customer requests a disconnect or reconnect of service in order to accommodate the maintenance activities of the Customer or its designee(s) on their street lighting equipment.

ADJUSTMENTS

The bill will include the following adjustments:

1. The Renewable Energy Standard charge, Adjustment Schedule REAC-1.
2. The Power Supply Adjustment charges, Adjustment Schedule PSA-1.
3. The Transmission Cost Adjustment charge, Adjustment Schedule TCA-1.
4. The Environmental Improvement Surcharge, Adjustment Schedule EIS.
5. The Demand Side Management Adjustment charge, Adjustment Schedule DSMAC-1.
6. The Lost Fixed Cost Recovery Adjustment charge, Adjustment Schedule LFCR.
7. Direct Access Customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge, Adjustment Schedule RCDAC-1.
8. Any applicable taxes and governmental fees that are assessed on APS's revenues, prices, sales volume, or generation volume.

SERVICE DETAILS

1. Street lighting facilities installed under this rate schedule are of the type currently being furnished by Company as standard at the time service is initially requested. Standard facilities are those listed in the Company's Transmission and Distribution Construction Standards book.



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

2. The Customer will be responsible for notifying the Company when the streetlighting facilities are not operating as intended. The Company will use reasonable efforts to complete normal maintenance (replacement of lamps, photocontrols or fixtures) within ten (10) working days from notification by Customer. If the maintenance requires cable replacement or repairs, the Company will use reasonable efforts to complete said repairs within twenty (20) working days.
3. The Customer's bill will not be reduced due to lamp, photocontrol or cable repair or replacement outages.
4. Lighting equipment which is not specified in this rate schedule will be billed at the rates corresponding to the most similar equipment, as determined by the Company.
5. Non-standard facilities (non-standard being defined as any facility not listed in the Company's Transmission and Distribution Construction Standards book) do not qualify for this rate schedule. At the Company's discretion, such facilities may be served under another of the Company's rate schedules.
6. The Company will extend its standard street lighting system up to a distance of 300 feet for each additional lighting installation without cost at the request of the Customer. When the extension is underground the customer will provide earthwork as specified in the Company's Service Schedule 3, Conditions Governing Extensions of Electric Distribution Lines and Services; or, at the applicant's request, the Company will provide such earthwork and the applicant will be required to pay a non-refundable contribution in aid of construction equal to the cost of such earthwork. Any additional extension required (over and above the first 300 feet) will be provided by Company for a contribution in aid of construction equal to the cost of the additional extension.
 - a. Extensions to isolated areas requiring a substantial extension of the electric distribution system, as opposed to an extension of the street lighting system, will require a special study to determine the terms and conditions under which the Company will undertake such an extension.
7. APS provides electric service under the Company's Service Schedules. These schedules provide details about how the Company serves its Customers, and they have provisions and charges that may affect the Customer's bill. In addition, service may be subject to special terms and conditions as provided for in a Customer contract or service agreement.

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ASSISTED LIVING AT THE COLONNADE

STREET LIGHT DESIGN

STREET LIGHTING REQUIREMENTS

5.00 GENERAL NOTES:

THE FOLLOWING INFORMATION IS PROVIDED TO EMPHASIZE CRITICAL WORK AND IS INTENDED TO SUPPLEMENT THE SPECIFICATIONS. SHOULD THERE BE A CONFLICT WITH THE SPECIFICATIONS, THIS DOCUMENT SHALL TAKE PRECEDENCE.

ALTERNATES SHALL BE PRE-APPROVED BY THE CITY ENGINEERING MANAGER. APPROVAL OF ALTERNATE PRODUCTS SHALL BE ON AN EQUAL BASIS WITH THE PRODUCT SPECIFIED AND SHALL BE SUBMITTED A MINIMUM OF TEN (10) DAYS PRIOR TO BID OPENING. STRUCTURAL CALCULATIONS SHALL BE FURNISHED FOR ALTERNATE PRODUCTS AND CERTIFIED BY A STRUCTURAL ENGINEER, REGISTERED IN THE STATE OF ARIZONA. LUMINAIRES AND LAMPS SHALL MEET OR EXCEED THE PHOTOMETRIC, ELECTRICAL, AND MECHANICAL REQUIREMENTS FOR THE SPECIFIED PRODUCTS.

THE CONTRACTOR SHALL COMPLY WITH STATE AND CITY STATUTES, AND MANUFACTURER'S RECOMMENDATIONS.

THE SUBMITTAL PACKAGE SHALL CONSIST OF THREE (3) COPIES OF EQUIPMENT/MATERIAL TO BE INSTALLED AND SHALL BE BOUND/STAPLED IN A FOLDER AND SUBMITTED AT THE TIME OF PERMIT APPLICATION.

PRIOR TO SUBMITTING A PROPOSAL, THE BIDDER SHALL EXAMINE ALL GENERAL CONSTRUCTION DRAWINGS AND VISIT THE CONSTRUCTION SITE TO BECOME FAMILIAR WITH EXISTING CONDITIONS UNDER WHICH HE WILL OPERATE AND WHICH WILL IN ANY WAY AFFECT THE WORK UNDER THE CONTRACT. NO SUBSEQUENT ALLOWANCE WILL BE MADE IN THIS CONNECTION IN THE BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLIGENCE ON HIS PART.

PRIOR TO ORDERING ANY MATERIALS OR DOING ANY WORK, THE CONTRACTOR SHOULD VERIFY DIMENSIONS AT THE SITE. IMMEDIATELY REPORT DIFFERENCES TO THE ENGINEERING MGR. AND SHOULD NOT PROCEED WITH WORK UNTIL THE ENGINEERING MGR. RENDERS A DECISION. NO EXTRA CHARGES OR COMPENSATION WILL BE ALLOWED FOR DIFFERENCES IN ACTUAL DIMENSIONS AND DIMENSIONS INDICATED ON THE DRAWINGS.

5.01 GENERAL:

THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH ALL LICENSING REQUIREMENTS SET FORTH BY THE STATE REGISTRAR OF CONTRACTORS OFFICE TO PERFORM WORK RELATING TO STREET LIGHT INSTALLATION IN THE CITY RIGHT-OF-WAY.

ONE PROJECT UNDERGROUND UTILITIES (RIGHT OF WAY) PERMIT AND ONE STREETLIGHT PERMIT FOR EACH STREET LIGHT POLE SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

5.02 WORKING / "AS BUILT" PLANS:

ACCEPTANCE OF THE COMPLETED IMPROVEMENTS WILL NOT BE GIVEN UNTIL 4 MIL PHOTO MYLAR REPRODUCIBLE "AS BUILT" PLANS HAVE BEEN SUBMITTED TO AND APPROVED BY THE CITY ENGINEER.

5.03 LIGHT POLES:

LIGHT POLES SHALL BE INSTALLED PLUMB, BE ADJUSTED TO PROVIDE PROPER ALIGNMENT TO THE ROADWAY BEING LIGHTED AND BE PROPERLY GROUNDED WHEN THE INSTALLATION IS COMPLETE.

5.04 EMBEDMENT:

DIRECT BURIED POLES SHALL BE SET IN A TWELVE (12) INCH AUGURED HOLE DEPTH AS SPECIFIED IN UNDISTURBED EARTH. POLE SHALL BE SET PLUMB IN TWO DIRECTIONS 90 DEGREES APART. HAND TAMPING OF ABC BACKFILL WITH PNEUMATIC OR VIBRATING EQUIPMENT IS THE ACCEPTABLE METHOD OF COMPACTION. BACKFILL SHALL BE COMPACTED TO 85% OF MAXIMUM DENSITY AS DEFINED BY ASTM D-2922 AND D-3017. A GROUND ROD SHALL BE INSTALLED ADJACENT TO PULL BOX IN UNDISTURBED SOIL AND A LEAD IN COPPER BOND WIRE (#6) SHALL BE INSTALLED IN 1" CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT (OR EQUAL) FOR POLE GROUNDING.

SURPLUS EXCAVATION SHALL BE DISPOSED OF BY THE CONTRACTOR.

5.05 LUMINAIRES:

LUMINAIRES SHALL BE INSTALLED LEVEL AND INCLUDE A LAMP AND PHOTOCCELL. CONTRACTOR SHALL ASSURE THAT THE LUMINAIRES SHALL BE FREE OF DUST, DIRT OR ANYTHING THAT WOULD IMPAIR THE OUTPUT OF THE LIGHT BEFORE HE LEAVES THE SITE.

LUMINAIRES FURNISHED WITH MULTI-TAP BALLASTS SHALL BE REWIRED OR RECONNECTED TO MATCH THE VOLTAGE SUPPLIED BY THE ELECTRIC UTILITY COMPANY.

5.06 WIRING:

WIRING SHALL BE INSTALLED PER UTILITY STANDARDS.

5.07 GROUNDING:

EACH POLE SHALL HAVE A 8' X 5/8" COPPER CLAD GROUND ROD DRIVEN ADJACENT TO PULL BOX. A #6 BARE COPPER LEAD FROM THE GROUND ROD IN PULL BOX TO LANDING LUG IN STREET LIGHT POLE HAND HOLE.

5.08 PULL BOXES:

EXCAVATION FOR PULL BOXES AND MATERIAL SPECIFICATION SHALL BE PER THE ELECTRIC UTILITY COMPANY STANDARDS.

5.09 TRENCH

TRENCH SHALL BE INSTALLED PER THE UTILITY COMPANY STANDARDS.

THE USE OF A COMMON ELECTRIC UTILITY COMPANY TRENCH IS PERMITTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE UTILITY COMPANY FOR COORDINATION OF TRENCHING AND THE INSTALLATION OF CONDUIT.

5.10 CONDUIT:

CONDUIT SHALL BE INSTALLED AT THE DEPTH SPECIFIED ON THE PLANS. CONDUIT SHALL BE 1 INCH CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT OR EQUAL. CONDUIT MUST BE UL RATED AND SUITABLE FOR UNDERGROUND USE.

5.11 CONNECTIONS:

CONNECTIONS SHALL BE PER UTILITY STANDARDS.

5.12 LIGHT POLE IDENTIFICATION:

THE CONTRACTOR SHALL FURNISH AND INSTALL A NUMBER ON EACH LIGHT POLE. STREET LIGHT POLE IDENTIFICATION AND SPECIFICATIONS WILL BE PROVIDED BY THE CITY OF SURPRISE.

5.13 RESTORATION:

IT IS THE CONTRACTOR'S RESPONSIBILITY TO RESTORE ALL PROPERTY, LANDSCAPING, PAVING AND DRIVEWAYS THAT ARE DISTURBED DURING STREET LIGHT CONSTRUCTION TO THEIR ORIGINAL CONDITION IN CONFORMANCE WITH "MAG" SPECIFICATION SECTION 107.9.

5.14 TEST:

THE DEVELOPER SHALL BE RESPONSIBLE FOR FURNISHING ALL PERSONNEL AND EQUIPMENT TO SUCCESSFULLY PERFORM THE FOLLOWING TEST.

5.14.01 PERFORMANCE:

PRIOR TO ACCEPTANCE, THE DEVELOPER SHALL ENERGIZE AND OPERATE THE ENTIRE ROADWAY LIGHTING SYSTEM, FROM SUNSET TO SUNRISE FOR TWO CONSECUTIVE DAYS WITHOUT INTERRUPTION OR FAILURE. IF A LAMP OR BALLAST SHOULD FAIL, IT SHALL BE IMMEDIATELY REPLACED.

5.15 WARRANTY:

THE CONTRACTOR SHALL GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE ENGINEERING MANAGER, AGAINST IMPERFECT WORKMANSHIP, FAILURE, MALFUNCTION OF MATERIALS AND/OR EQUIPMENT DUE TO FAULTY OR IMPERFECT WORKMANSHIP. THIS GUARANTEE IS TO BE IN WRITING TO THE CITY AT THE TIME OF ISSUING FINAL ACCEPTANCE. WORK FOUND TO BE DEFECTIVE WITHIN THE WARRANTY PERIOD SHALL BE REPLACED WITHOUT COST TO THE CITY.

GENERAL ENGINEERING NOTES:

- ALL CONSTRUCTION MUST CONFORM TO MARICOPA ASSOCIATION OF GOVERNMENT (MAG) SPECIFICATIONS AND DETAILS AND LATEST REVISIONS UNLESS OTHERWISE STATED ON PLANS.
- THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND THEY WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL OVERHEAD AND UNDERGROUND UTILITY LOCATIONS WHERE CONSTRUCTION OCCURS. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT ALL UTILITIES ARE AVOIDED. UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND NOT FOR CONSTRUCTION PURPOSES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AND OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT BLUE STAKE LAWS. CALL BLUE STAKE FOR FIELD LOCATION AT (602) 263-1100.
- THE CITY OF SURPRISE ENGINEERING SERVICES OF PUBLIC WORKS SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK AT 623-222-6150.
- THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION OR VARIANCE FROM THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE PROPOSED AND RESUBMITTED FOR REVIEW AND APPROVAL.
- THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE DRAWING, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE. EXISTING SURFACE FEATURES AND FENCING SHALL BE REPLACED IN KIND.
- ANY INSPECTION BY THE CITY, COUNTY, OR THE ENGINEER, SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE APPLICABLE CODES AND AGENCY REQUIREMENTS.
- THE CONTRACTOR IS TO LOCATE ALL EXISTING LANDSCAPING, LANDSCAPING IRRIGATION LINES, PROPERTY MONUMENTS, FENCING OR SURFACE FEATURES PRIOR TO CONSTRUCTION. ANYTHING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
- NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
- ALL CONSTRUCTION WATER USED WITHIN THE CITY OF SURPRISE WATER SERVICE AREA REQUIRES APPROVAL BY THE CITY OF SURPRISE PUBLIC WORKS DEPARTMENT AND MAY BE SUBJECT TO VOLUME AND TIME RESTRICTIONS. PLEASE SEE THE CITY OF SURPRISE CONSTRUCTION WATER GUIDELINES FOR ADDITIONAL INFORMATION. THE GUIDELINES CAN BE OBTAINED FROM THE PUBLIC WORKS DEPARTMENT AT 623-222-7000.
- TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH MAG SPECIFICATION 401, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND THE "TEMPORARY WORK ZONE TRAFFIC MANAGEMENT POLICY" (LATEST EDITION).
- PRIOR TO FINAL APPROVAL AND ACCEPTANCE OF THE WORK, THE DEVELOPER/CONTRACTOR WILL BE REQUIRED TO CLEAN AND REPAIR ADJACENT (OFF-PROJECT) ROADWAYS USED OR DAMAGED DURING THE COURSE OF CONSTRUCTION.
- EMERGENCY VEHICLE ACCESS (E.V.A.) MUST BE PROVIDED BY THE DEVELOPER/CONTRACTOR THROUGHOUT THE PROJECT SITE. E.V.A. ROADS AND SIGNAGE SHALL BE MAINTAINED BY THE DEVELOPER/CONTRACTOR AT ALL TIMES. SIGNAGE SHALL BE POSTED AT THE POINT OF ENTRY TO THE SITE AND AT ALL LOCATIONS WHERE A CHANGE IN DIRECTION OCCURS.
- THE PLANS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT'S ACCESSIBILITY GUIDELINES, AS PUBLISHED IN THE FEDERAL REGISTER ON SEPTEMBER 15, 2010.

NOTE

THE ELECTRICAL/MAINTENANCE COSTS OF ALL STREET LIGHTS ON LOCAL AND COLLECTOR STREETS (TYPICALLY THE 100 WATT / 9,500 LUMEN AND THE 150 WATT /16,000 LUMEN FIXTURES) ARE TO BE PAID BY THE ADJACENT PROJECT OR THE ADJACENT DEVELOPMENT'S STREET LIGHT IMPROVEMENT DISTRICT (SLID). THE ELECTRICAL / MAINTENANCE COSTS OF ALL STREET LIGHTS ON ARTERIAL STREETS (TYPICALLY THE 250 WATT/ 30,000 LUMEN FIXTURES) ARE TO BE BILLED TO THE CITY OF SURPRISE'S ENERGY BILL.

CONSTRUCTION NOTES

- (1) 88W LED (8,200 LUMEN) FIXTURE (LIGHT CODE RL42) WITH PHOTOELECTRIC CONTROL ON A 34'-0" DIRECT BURIED POLE (1940.34) WITH A 4' MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL-3). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS. CAT# ERL1-0-08-A1-30-A-DKBZ OR APPROVED EQUAL.
- INSTALL APS PULL BOX NEXT TO POLE. INSTALL 1" CONDUIT WITH (2) #14 TYPE THHN/THWN AND (1) #14 BARE BOND FROM PULL BOX TO FUSE HOLDER IN STREET LIGHT PER APS DETAILS AND SPECIFICATIONS.

LEGEND

- 88W LED STREET LIGHT
- EXISTING 150W HPS STREET LIGHT
- PULL BOX
- NEW CONDUIT RUN
- FUTURE STREET LIGHT

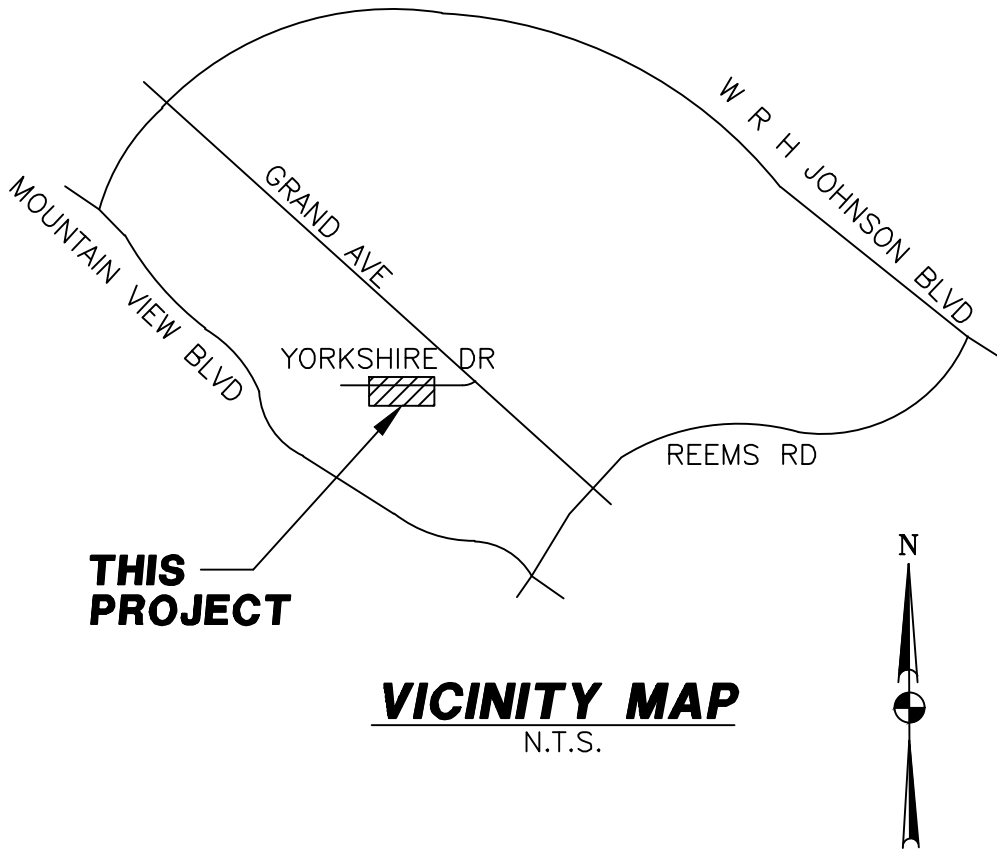
CIVIL ENGINEER:
HILGARTWILSON
2141 E. HIGHLAND AVE,
SUITE 250
PHOENIX, AZ 85016
PHONE: (602)490-0535
CONTACT: CASEY WHITEMAN

ELECTRICAL ENGINEER
WRIGHT ENGINEERING
165 E. CHILTON DR
CHANDLER, AZ 85225
PHONE: (480) 497-5829
CONTACT: JACOB BIELEFELDT
EMAIL: JBIELEFELDT@WRIGHTENGINEERING.US

CITY OF SURPRISE ENGINEER

DATE

STREET LIGHTING (APS AREA)															
KEY NO.	SYMBOL	STREET TYPE	OFFSET BEHIND B/C	QUANTITY	POLE		MAST ARM	LUMINAIRE							APS STANDARD CODE NO.
					POLE HEIGHT	FOUNDATION		SIZE	MOUNTING HEIGHT	LUMENS	WATTAGE	I.E.S. DIST.	VOLTAGE	TYPE	
①		COLLECTOR	PER PLANS	3	34'-0"	DIRECT BURY	4'-0"	28'	8,200	88W	TYPE II	PER APS STANDARDS	LED	ARCHITECTURAL (SHOEBOX)	8030.S4



SURPRISE, ARIZONA

ASSISTED LIVING AT THE COLONNADE
YORKSHIRE DR AND GRAND AVE

STREET LIGHT COVER SHEET

NO. DATE SUBMITTALS/REVISIONS (DESCRIPTIONS)

1	OCT 2016	1ST SUBMITTAL
2	SEP 2017	2ND SUBMITTAL
3	NOV 2017	3RD SUBMITTAL



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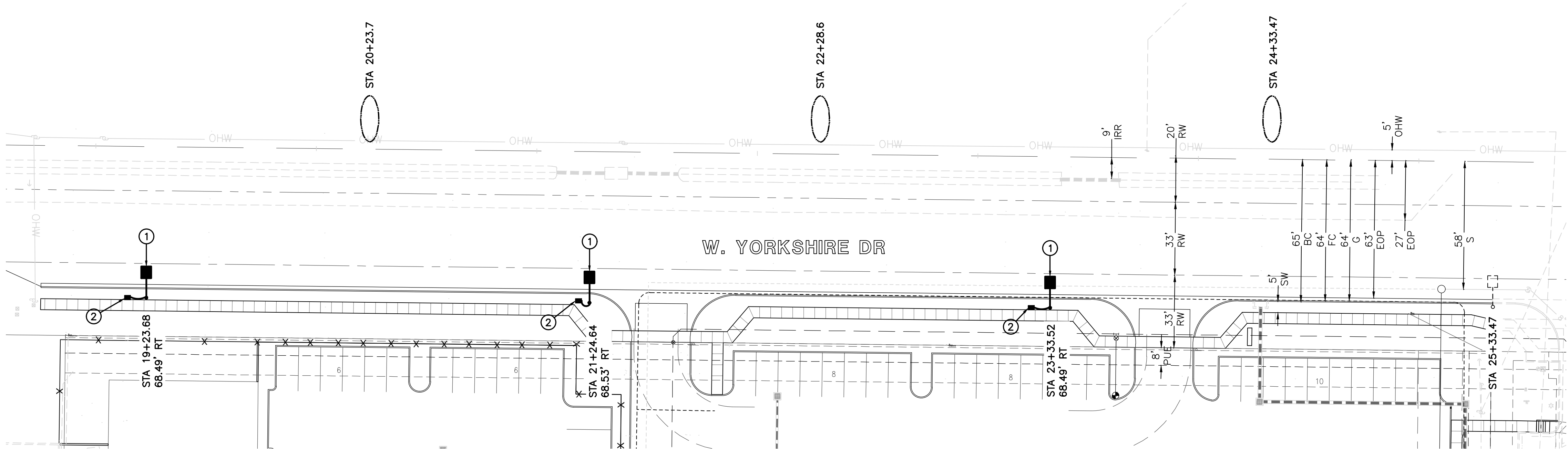
SL1
OF 3

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WRIGHT ENGINEERING
PROJECT NO:
16269
DESIGN BY: JHB
DRAWN BY: JLW
CHECKED BY: WTW

WRIGHT engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
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CONSTRUCTION NOTES

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LEGEND

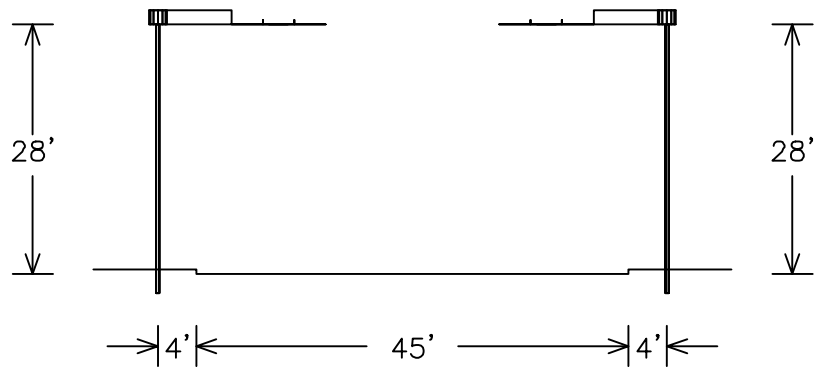
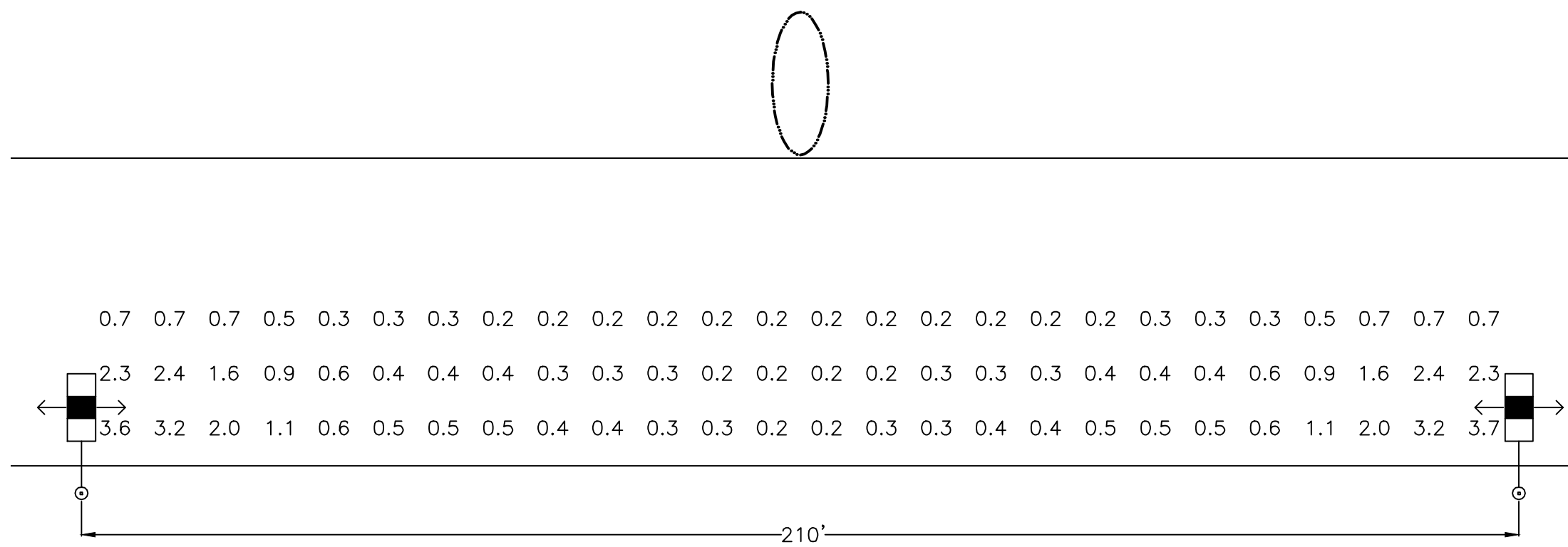
- 88W LED STREET LIGHT
- EXISTING 150W HPS STREET LIGHT
- PULL BOX
- NEW CONDUIT RUN
- FUTURE STREET LIGHT



NORTH
SCALE 1"=30'

STREET LIGHT PLANS

1"=30'

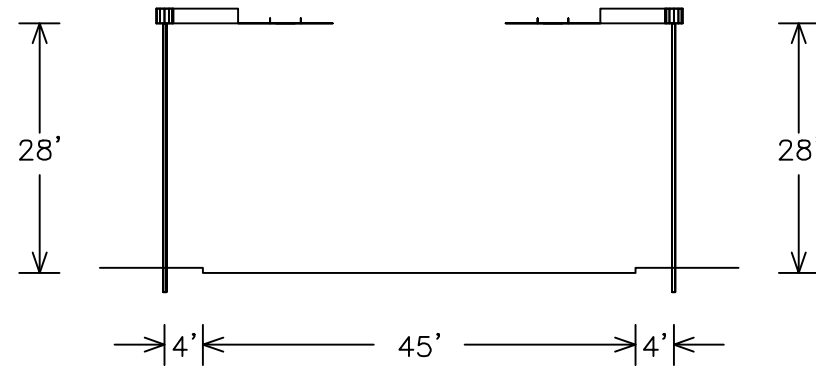
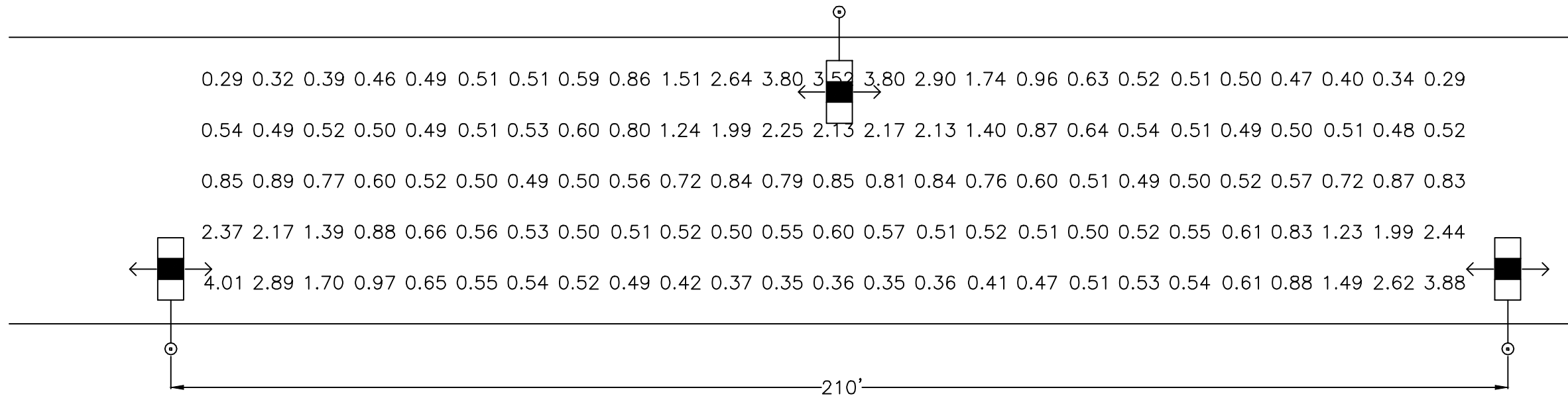


PROPOSED
78 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.7
Maximum 3.7
Minimum 0.2
Avg:Min 3.67
Max:Min 18.50
Coef Var 1.14
UniGrad 3.43

LEGEND

- 88W LED Shoebox, 3000K
Type II Distribution, 4' Mast arm (8,200 lumen)
candela file "erl1_08a130_tcm201-103994.ies"
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.910, watts per luminaire = 88
mounting height= 28 ft
number locations= 9, number luminaires= 9
kw all locations= 0.8

FUTURE LIGHT



FUTURE
125 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.95
Maximum 4.01
Minimum 0.29
Avg:Min 3.26
Max:Min 13.83
Coef Var 0.88
UniGrad 2.94

PROPOSED PHOTOMETRIC CALCULATIONS

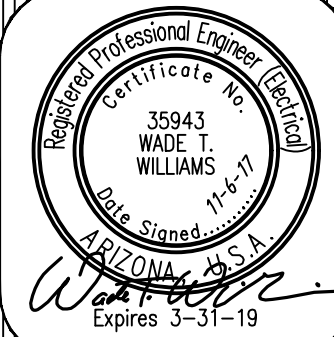
FUTURE PHOTOMETRIC CALCULATIONS

WRIGHT ENGINEERING
PROJECT NO:
16269
DESIGN BY: JHB
DRAWN BY: JLW
CHECKED BY: WTW

WRIGHT
engineering corporation
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PHONE 480.497.5829 • FAX 480.497.5807
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PROJECT: TITLE:
ASSISTED LIVING AT THE COLONNADE
YORKSHIRE DR AND GRAND AVE
STREET LIGHT PLAN

NO.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
1	OCT 2016	1ST SUBMITTAL
2	SEP 2017	2ND SUBMITTAL
3	NOV 2017	3RD SUBMITTAL

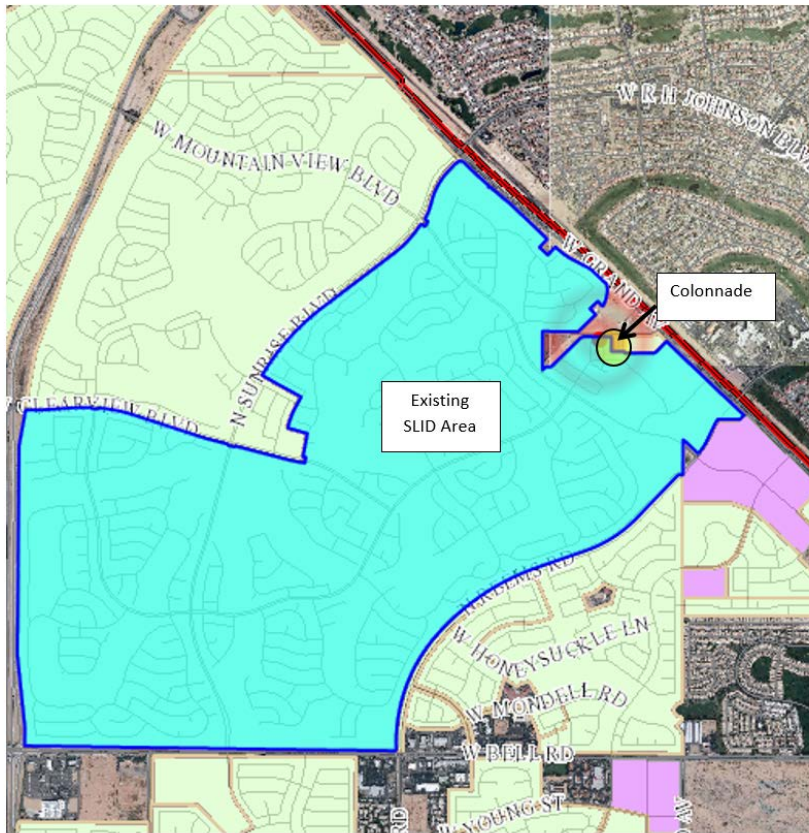


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SL2
OF 3

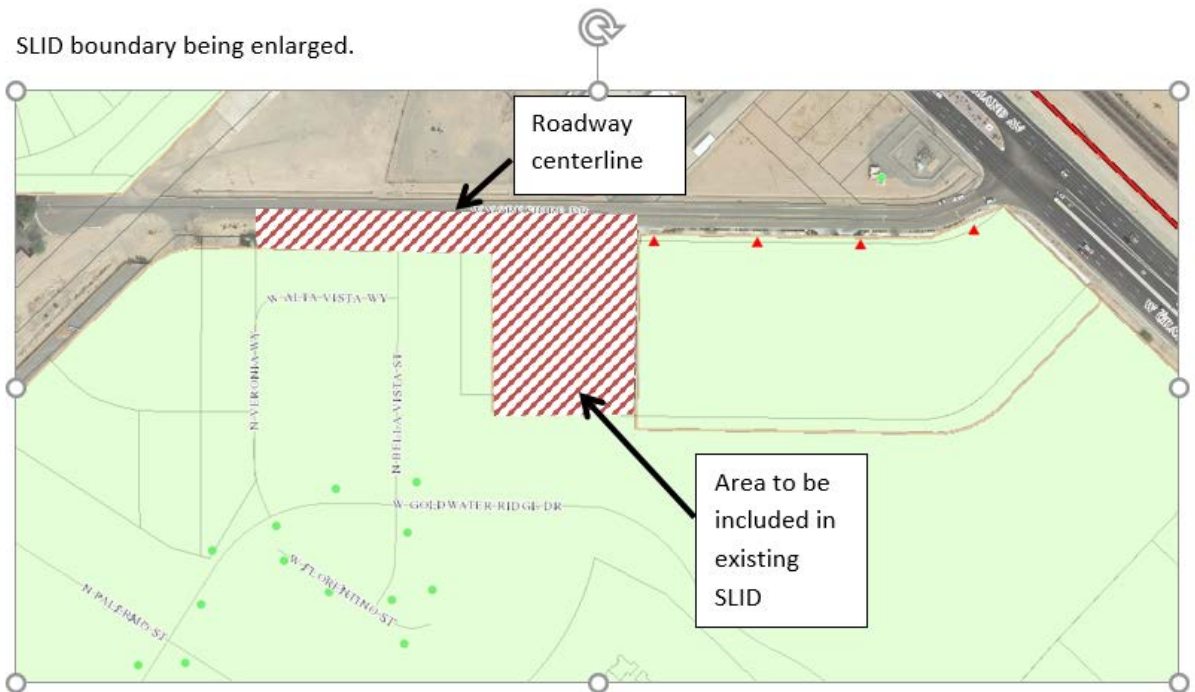


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Existing SLID: Sun City Grand II (Resolution 98-07)



SLID boundary being enlarged.





CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date:	November 6, 2018	Contact Person:	Mike Gent, PW Director
Submitting Department:		District:	Citywide
Staff	None		
Recommendations:			

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to approval of an amendment to the Fiscal Year 2019 budget by reallocating appropriations of \$640,400 from Solid Waste Contingency to Public Works Solid Waste Salaries, Supplies, Services and Capital; \$600 from Grant Contingency to Information Technology General Fund operations associated with increased operational costs; and amending the Capital and Operating List of items over \$50,000; Resolution # 2018-149.

Motion:

I move to approve Resolution #2018-149.

Background:

In June of 2018, the Public Works and Finance Departments began a comprehensive effort to review and update the forecasting and rate model for the Solid Waste enterprise fund. Critical and essential program costs, operational needs, and staffing requirements were reevaluated thoroughly. Changes and updates will be subsequently incorporated into the rate model for the next five years (FY 2019 to 2024). Based on the continuing analysis at this time and in order to keep the programs whole without affecting services, the following items were identified as critical and essential budgetary needs in FY 2019 for the Solid Waste operational division: 1) base operational cost increases for landfill disposal and recyclable processing costs, residential waste containers, fuel, auto parts, vehicle maintenance, roll-off services and utility billing services; 2) addition of a new Solid Waste Equipment Operator (SWEO) position (1 FTE) due to newly-implemented trash and recycling collection routes, and; 3) addition of a new Crew Leader position (1 FTE) due to increased demands for field oversight of solid waste inspections and container delivery programs.

This budget amendment request is necessary to respond to residential growth; to maintain current service levels; to meet mandates set by state, county, and local regulations; and also to further improve solid waste service delivery.

Objective Analysis:

This item allows the Solid Waste division of Public Works and Utility Billing division of Finance to continue to operate at the same level of service as it has in the past. By not approving this item service levels will drop.

Policy Compliant:

This item is policy compliant.

Financial Impact:

The approval of this item will allow the City to process invoices and utility payments associated with Solid Waste operations for the remainder of FY2019.

Budget Impact:

The FY2019 approved annual budget for all Solid Waste collections of \$4,012,900 based on revised estimates of anticipated actual expenditures the collection budget will need an additional \$451,000 in base supplies and services and will need to hire two staff to meet ongoing operations. If approved, this item will amend the appropriated budget for FY2019 and the FY2019 Operating List of Items Over \$50,000 by adding the necessary amounts for items # 19289 (Solid Waste Containers), # 19300 (Landfill fees), #19301 (Auto Parts), #19316 (Fuel) #19319 (Vehicle Maintenance), 19314 (Uniform and Laundry Service).

FTE Impact:

There are two FTE's associated with this item.

ATTACHMENTS:

Click to download

[Resolution 2018-159](#)

RESOLUTION # 2018-149

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF SURPRISE, ARIZONA, AMENDING THE FISCAL YEAR 2019 BUDGET BY REALLOCATING APPROPRIATIONS OF \$640,400 FROM SOLID WASTE CONTINGENCY TO PUBLIC WORKS SOLID WASTE SALARIES, SUPPLIES, SERVICES AND CAPITAL, AND \$600 FROM GRANTS CONTINGENCY TO INFORMATION TECHNOLOGY GENERAL FUND OPERATIONS FOR ONE EQUIPMENT OPERATOR, ONE CREW LEADER FOR INSPECTIONS, AND ASSOCIATED BASE INCREASES FOR SUPPLIES, SERVICES AND CAPITAL RELATED TO GROWTH, INFLATION AND CHANGES IN THE RECYCLING MARKET, AND AMENDING THE CAPITAL AND OPERATING LIST OF ITEMS OVER \$50,000 ASSOCIATED WITH RELATED SUPPLIES, SERVICES AND CAPITAL.

WHEREAS, the Solid Waste division of the Public Works department needs to add an equipment operator for route modifications;

WHEREAS, the Solid Waste division of Public Works department needs to add a crew leader for inspections related to Maricopa County inspection requirements and continued growth in the solid waste service area;

WHEREAS, the Public Works department needs ongoing base increases to cover operational costs for new and replacement trash cans, fuel, landfill auto parts and vehicle maintenance due to growth and inflation factors;

WHEREAS, the FY2019 budget, including the FY2019 Capital and Operating List of Items Over \$50,000, was adopted by Council Resolution #2018-78 on June 5, 2018;

WHEREAS, the City of Surprise Procurement Code §2-388 (d) requires the authority of Mayor and Council when the cost to the city is greater than \$50,000;

WHEREAS, this action will necessitate a budget amendment; and

WHEREAS, the City of Surprise Administrative Policies requires the approval of the Mayor and Council for budget amendments of this nature.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Council of the City of Surprise, Arizona, as follows.

Section 1. That the statements and schedules attached as *Exhibit A* and incorporated by reference are adopted, amending the budget of the City of Surprise, Arizona for the fiscal year July 1, 2018 through June 30, 2019.

SIGNATURES ON THE FOLLOWING PAGE

APPROVED AND ADOPTED this ____ day of _____, 2018.

Sharon R. Wolcott, Mayor

Attest:

Approved as to form:

Sherry Aguilar, City Clerk

Robert Wingo, City Attorney

RESOLUTION # 2018-149**Exhibit A**

1. Appropriation - The allocation below represents a reallocation of appropriations in the amount of \$641,000 for one equipment operator, one crew leader for inspections, trash containers, auto parts, vehicle maintenance, landfill services and utility service fees. Additional personnel and operational costs to cover the FY19 anticipated cost of service related to solid waste collections, inspections, recycling and utility service fees based on growth and inflation. These allocations do not represent an actual transfer of funds, but only a transfer of spending authority.

Fund	Department	Project/Category	Rev/ Exp	Current Budget	Increase/ (Decrease)	Amended Budget
Solid Waste Operations	Public Works	Personnel Services	E	2,799,500	114,000	2,913,500
Solid Waste Operations	Public Works	Supplies	E	1,116,800	325,600	1,442,400
Solid Waste Operations	Public Works	Services	E	1,549,300	154,200	1,703,500
General Fund	Information Technology	Services	E	2,354,300	600	2,354,900
Solid Waste Operations	Finance	Services	E	145,200	2,100	147,300
Solid Waste Capital	Public Works	Capital	E	3,314,300	44,500	3,358,800
Solid Waste Operations	General Operations	Contingency	E	1,559,200	(640,400)	918,800
Grants	General Operations	Contingency	E	21,295,100	(600)	21,294,500

2. Full-Time Equivalent (FTE) - The expansion of the collection and inspection program requires the addition of 2 new FTEs.

Fund	Department	Current FTEs	Increase/ (Decrease)	Amended FTEs
7810	Public Works Sanitation	34.0	2.0	36.0

3. List of Operating Items Over \$50,000 - Council approved monies for Solid Waste containers, and Citywide Fuel, Auto Parts and Landfill Fees for the purpose of Citywide Operations Fiscal Year 2018 Capital and Operating List of Items Over \$50,000. This amount was based the approved budget. With this budget amendment and additional line item adjustments within the operating budget those amounts will change accordingly.

Reference#	Description	Current Amount	Increase/ (Decrease)	Amended Amount
19316	Fuel contracts to fuel City fleet for unleaded and diesel fuel	\$1,612,400	\$140,200	\$1,752,600
19319	Outside vehicle repair and other services	\$634,700	\$25,000	\$659,700
19289	Solid Waste containers such as, but not limited to, trash/recycle cans and baskets, roll-off containers	\$421,600	\$125,000	\$546,600
19300	Sanitation services, hauling, and landfill disposal fees	\$1,763,900	\$122,400	\$1,886,300
19301	Auto parts and lubricants	\$865,600	\$41,300	\$906,900
19314	Uniform - Laundry Services	\$73,200	\$1,000	\$74,200
19206	Online Utility Payment Contract	\$300,000	\$32,000	\$332,000
19403	Vehicles and Equipment	\$ -	\$100,000	\$100,000



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

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Council Meeting Date:	November 6, 2018	Contact Person:	Terry Lowe, Water Resource Management Director
Submitting Department:		District:	Internal
Staff Recommendations:	None		

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to an amendment of the Fiscal Year 2019 budget by reallocating appropriations of \$686,600 from Water Resource Management (WRM) department, Finance utility billing division and Information Technology by adding one water conservation specialist, one Supervisory Control and Data Acquisition (SCADA) instrumentation technician, and increasing capital project P-71240 for FY2019 by \$430,000; Resolution #2018-150.

Motion:

I move to approve Resolution #2018-150.

Background:

The Water Resource Management department needs to add \$430,000 to project P-71420 water acquisition for FY2019 in order to continue to pursue water credits as a result of the Council's Water Acquisition Policy and is intended to afford Mayor and City Council the ability to acquire water equities when recommended by staff. For better management and oversight of the City's water portfolio and improvement to the operational needs of the City's SCADA system, the Water resource management department is requesting to add a water conservation specialist and a SCADA instrumentation technician. The Finance department, utility service division is needing to increase utility service fees and online payment services budget to allow for processing of utility payments. This water conservation specialist position will provide a dedicated focus to the Water Conservation Program which is part of a diverse Water Resource Portfolio. Efficient use of water by City customers is paramount during times of drought. This position will manage and grow conservation efforts though the implementation of innovative water savings programs and initiatives that will preserving the City's current and future water supplies. The SCADA instrumentation technician will help support the City's SCADA networks are developing and growing with over 1,000 devices that must be routinely calibrated, cleaned and serviced annually. The City's network is growing to include areas associated with SPA2 and SPA3 that will require additional maintenance. This position will allow the department to meet the needs of the developing systems.

Objective Analysis:

By adding monies to capital project for water acquisition and the water conservation specialist the department continues to improve the City's overall management of water resources. By adding a water conservation specialist and SCADA instrumentation technician the City will be sustaining the level of service necessary for a growing network. By increasing the finance utility billing services budget, the city will be able to continue to process utility payments.

Policy Compliant:

This item is policy compliant.

Financial Impact:

The approval of this item will allow the City to process invoices associated with the WRM department operations and process payments within the finance department for remainder of FY2019.

Budget Impact:

The FY2019 approved annual budget for WRM in the amount of \$26,841,600 based on anticipated needs. With this budget amendment for the two positions, and an increase in the water acquisition project P-71240 of \$430,000 an additional \$615,900 in base salaries, supplies, services and capital will be needed. If approved, this item will amend the appropriated budget for FY2019 and the FY2019 Operating List of Items Over \$50,000 by adding the necessary amounts for items # 19077 (Water Acquisitions), # 19299 (Vehicles and Equipment), #19301 (Auto Parts), #19316 (Fuel) #19319 (Vehicle Maintenance), 19314 (Uniform and Laundry Service). With this budget amendment the FY2019 budget for finance utility billing services will increase by \$8,700.

FTE Impact:

There are two new FTE's associated with this item for the Water Resource Management department.

ATTACHMENTS:

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[Resolution 2018-150](#)

RESOLUTION # 2018-150

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF SURPRISE, ARIZONA, AMENDING THE FISCAL YEAR 2019 BUDGET BY REALLOCATING APPROPRIATIONS OF \$615,300 FROM WATER CONTINGENCY, \$66,600 FROM SEWER CONTINGENCY, AND \$3,700 FROM STORMWATER CONTINGENCY TO WATER RESOURCE MANAGEMENT DEPARTMENT WATER, SEWER AND STORMWATER OPERATIONS, AND \$1,200 FROM GRANT CONTINGENCY TO INFORMATION TECHNOLOGY GENERAL FUND OPERATIONS, FOR ONE WATER CONSERVATION SPECIALIST, ONE SCADA INSTRUMENTATION TECH, UTILITY SERVICE FEES AND ONLINE PAYMENT SERVICES AND INCREASING CIP PROJECT P-71240 \$430,000, FOR ONGOING MANAGEMENT OF WATER RESOURCE ACQUISITIONS, OPERATIONAL IMPROVEMENTS, AND AMENDING THE CAPITAL AND OPERATING LIST OF ITEMS OVER \$50,000 ASSOCIATED WITH THE RELATED SUPPLIES SERVICES AND CAPITAL.

WHEREAS, the Water Resource Management department is looking to add a water conservation specialist related to better management and oversight of the City's water portfolio;

WHEREAS, the Water Resource Management department is looking to add a SCADA instrumentation technician improve the operational needs of the City's SCADA system;

WHEREAS, the Water Resource Management department is needing to increase capital project P-71240 for water acquisitions related to increasing the City's water portfolio;

WHEREAS, the Finance department, utility service division is needing to increase utility service fees and online payment services budget to allow for processing of utility payments;

WHEREAS, the FY2019 budget, including the FY2019 Capital and Operating List of Items Over \$50,000, was adopted by Council Resolution #2018-78 on June 5, 2018;

WHEREAS, the City of Surprise Procurement Code §2-388 (d) requires the authority of Mayor and Council when the cost to the city is greater than \$50,000;

WHEREAS, this action will necessitate a budget amendment; and

WHEREAS, the City of Surprise Administrative Policies requires the approval of the Mayor and Council for budget amendments of this nature.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Council of the City of Surprise, Arizona, as follows.

Section 1. That the statements and schedules attached as *Exhibit A* and incorporated by reference are adopted, amending the budget of the City of Surprise, Arizona for the fiscal year July 1, 2018 through June 30, 2019.

APPROVED AND ADOPTED this ____ day of _____, 2018.

Sharon R. Wolcott, Mayor

Attest:

Approved as to form:

Sherry Aguilar, City Clerk

Robert Wingo, City Attorney

RESOLUTION # 2018-150**Exhibit A**

1. Appropriation - The allocation below represents a reallocation in the amount of \$686,800 to add one water conservation specialist, one SCADA instrumentation technician, utility service fees, online payment services and increase capital project P-71240 water acquisitions. The water conservation specialist position will provide dedicated focus on the Conservation Program that is needed to help manage the City's Water Resource Portfolio through the implementation of innovative water savings programs. The SCADA instrumentation technician will add support to the growing SCADA network for both water and sewer operations. The increase to utility service fees and online payment services will allow for the processing of utility payments. The increase in the capital project P-71240 will allow the department to continue to grow the City's water portfolio. These allocations do not represent an actual transfer of funds, but only a transfer of spending authority.

Fund	Department	Project/Category	Rev/ Exp	Current Budget	Increase/ (Decrease)	Amended Budget
Water Operations	Water Resource Management	Personnel Services	E	1,811,500	100,600	1,912,100
Water Operations	Water Resource Management	Supplies	E	462,200	14,900	477,100
General Fund	Information Technology	Services	E	2,354,300	1,200	2,355,500
Water Operations	Water Resource Management	Services	E	4,370,700	9,600	4,380,300
Water Operations	Water Resource Management	Capital	E	76,000	60,200	136,200
Water Operations	General Operations	Contingency	E	1,076,900	(615,300)	461,600
Water Utility Capital	Water Resource Management	#P71240 Water Acquisitions	E	798,600	430,000	1,228,600
Sewer Operations	Water Resource Management	Personnel Services	E	3,552,200	29,700	3,581,900
Sewer Operations	Water Resource Management	Supplies	E	1,382,700	7,600	1,390,300
Sewer Operations	Water Resource Management	Services	E	3,520,600	3,500	3,524,100
Sewer Operations	Water Resource Management	Capital	E	40,000	20,800	60,800
Sewer Operations	General Operations	Contingency	E	9,894,900	(66,600)	9,828,300
Sewer Operations	Finance	Services	E	328,100	5,000	333,100
Stormwater Operations	Finance	Services	E	46,000	3,700	49,700
Stormwater Operations	General Operations	Contingency	E	2,413,600	(3,700)	2,409,900
Grants	General Operations	Contingency	E	21,295,100	(1,200)	21,294,500

2. Full-Time Equivalent (FTE) - The expansion of the water conservation program, and sewer and water SCADA system requires the addition of 2 new FTEs.

Fund	Department	Current FTEs	Increase/ (Decrease)	Amended FTEs
7010	Water Resource Management - Water	19.3	1.5	20.8
7510	Water Resource Management - Sewer	36.7	0.5	37.2

3. List of Operating Items Over \$50,000 - Council approved monies for the purpose of Citywide Operations Fiscal Year 2018 Capital and Operating List of Items Over \$50,000. This amount was based the approved budget. With this budget amendment and additional line item adjustments within the operating budget those amounts will change accordingly.

Reference#	Description	Current Amount	Increase/ (Decrease)	Amended Amount
19077	Water Acquisitions, Infrastructure purchases - Water rights P71240	\$798,600	\$430,000	\$1,228,600
19319	Outside vehicle repair and other services	\$659,700	\$25,000	\$684,700
19301	Auto parts and lubricants	\$906,900	\$40,000	\$946,900
19299	Vehicles	\$119,000	\$90,500	\$209,500
19316	Fuel contracts to fuel City fleet for unleaded and diesel fuel	\$1,752,600	\$2,400	\$1,755,000
19314	Uniform - Laundry Services	\$74,200	\$1,000	\$75,200



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date:	November 6, 2018	Contact Person:	Fire Chief, Tom Abbott
Submitting Department:		District:	Citywide
Staff	None		
Recommendations:			

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to approval of the Intergovernmental Agreement (IGA) between Maricopa County and the City of Surprise for Regional Emergency Operations Management and Disaster Services; Resolution #2018-170.

Motion:

I move to approve Resolution #2018-170.

Background:

The City of Surprise first entered into an Intergovernmental Agreement (IGA) with Maricopa County for Regional Emergency Operations Management and Disaster Services on July 1, 2003. Twenty-five cities in the valley participate in this IGA and it is beneficial to all. There is a fee associated with this IGA and it is determined by population. The fee covers a myriad of services to be provided by the County including assistance in the development and maintenance of the City's Emergency Operations Plan (EOP), Multi-Hazard Mitigation Plan and Community Wildfire Protection Plan, disaster and emergency management training, maintenance of the County's warning and communication systems, comprehensive emergency management and planning, an Emergency Operations Center, assistance with local declarations and obtaining Federal and/or State funds available to the City for emergency management and disaster purposes, and assistance with public awareness and education. Responsibilities of the City are to develop, publish and distribute an EOP, develop and conduct emergency management training programs and exercises, act as a backup to the County if it needs an alternate location, and collect and provide disaster and emergency management information. If approved and executed, the IGA will expire on June 30, 2023. Under the previous IGA, the Fire-Medical Department updated the City's EOP and it was adopted by Council with Resolution #2018-59 on May 1, 2018.

Objective Analysis:

The Fire-Medical Department is presenting this IGA to Council for review and execution by the Mayor and City Attorney. This IGA will provide the City's Emergency Management team with extraordinary resources to mitigate and manage emergency situations.

Policy Compliant:

This IGA has been reviewed by City legal counsel and was found suitable for execution.

Financial Impact:

The annual financial impact to maintain this IGA through June 30, 2023 is \$6,900.

Budget Impact:

The assessment due to Maricopa County was planned for and included in the FY19 budget.

FTE Impact:

There is no FTE impact.

ATTACHMENTS:

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[Resolution](#)

[IGA](#)

RESOLUTION # 2018-170

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF SURPRISE, ARIZONA APPROVING AN INTERGOVERNMENTAL AGREEMENT WITH THE COUNTY OF MARICOPA, STATE OF ARIZONA FOR REGIONAL EMERGENCY OPERATIONS MANAGEMENT AND DISASTER SERVICES.

WHEREAS, the Parties recognize the possibility of the occurrence of disasters resulting from natural, technological, national security or other causes; and,

WHEREAS, the parties desire to enter into an intergovernmental agreement in order to facilitate the coordinated preparation and execution of emergency management programs and plans for the preservation of life and property when such disasters occur; and

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Council of the City of Surprise, Arizona, as follows.

Section 1. The Intergovernmental Agreement between the City of Surprise and the County of Maricopa, State of Arizona, attached as Exhibit A, is approved.

Section 2. The City Manager, or his designee, is hereby authorized to execute and submit all documents and other necessary or desirable instruments in connection with said agreement.

APPROVED AND ADOPTED this ____ day of _____, 2018.

Sharon R. Wolcott, Mayor

Attest:

Approved as to form:

Sherry Aguilar, City Clerk

Robert Wingo, City Attorney

EXHIBIT A

INTERGOVERNMENTAL AGREEMENT BETWEEN
THE CITY OF SURPRISE AND
COUNTY OF MARICOPA, STATE OF ARIZONA

INTERGOVERNMENTAL AGREEMENT FOR
REGIONAL EMERGENCY OPERATIONS MANAGEMENT AND DISASTER SERVICES
BETWEEN MARICOPA COUNTY, ARIZONA
AND THE
CITY OF SURPRISE

This Regional Disaster and Emergency Management Services Agreement (“Agreement”) goes into effect on the 1st day of July 2018 (the “Effective Date”), by and between Maricopa County, a political subdivision of the State of Arizona (“County”), and the City of Surprise, an Arizona municipal corporation (“Public Agency”).

STATUTORY AUTHORIZATION

County and Public Agency are empowered by ARIZ.REV. STAT. § 11-951 et seq. and ARIZ.REV. STAT. §§ 26-308 (A) and (B) to enter into this Agreement.

BACKGROUND

WHEREAS, there is an existing possibility of the occurrence of disasters of unprecedented size and destructiveness resulting from natural, technological, national security or other causes; and,

WHEREAS, the Parties mutually desire that preparation shall be adequate to provide for the common defense against disaster; and,

WHEREAS, the Parties mutually desire to assure the coordinated preparation and execution of emergency management programs and plans for the preservation of life and property when disasters occur in accordance with the guidance set forth in the Robert T. Stafford Disaster Relief and Emergency Assistance Act, Public Law 93-288, as amended, 42 U.S.C. 5121-5207; Post Katrina Emergency Management Reform Act of 2006, Public Law 109-295; applicable Federal Emergency Management Guides and Directives; and applicable State of Arizona Emergency Plans:

NOW, THEREFORE, in consideration of the mutual covenants contained herein, it is hereby agreed by and between County and Public Agency as follows:

DEFINITIONS

1. For purposes of this Agreement, the term “public agency” shall have the same definition as that contained in ARIZ.REV. STAT. §11-951.
2. “Participating Public Agencies” means those public agencies, which have active agreements for Disaster and Emergency Management Services with County.
3. “Total Budget” means the Maricopa County Department of Emergency Management’s General Fund and Grant Fund expenditure budgets as adopted by the Maricopa County Board of Supervisors, plus baseline internal/central service charges, for the Preceding Fiscal Year. Budgeted fund balance expenditures, annual maintenance cost for the comprehensive emergency management tool and capital items are not included in the “Total Budgeted” calculation.

4. "Local Budget" means the Total Budget less any contributions or reimbursements to that budget from the federal government.
5. "Preceding Fiscal Year" means the year immediately preceding the fiscal year for which a participating public agency's annual assessment is being determined. Annual Assessments are based on the proceeding year's Local Budget. For example, a public agency's annual assessment for FY2019 is based on the Maricopa County Department of Emergency Management's Local Budget for FY2018.
6. "Capital Items" means fixed assets such as furniture, computers, etc., which shall remain the property of the County. Capital items will physically remain with County, which shall bear the risk of damage thereto or loss thereof.
7. "Population" means the most recent U.S. census figure for each Participating Public Agency. This figure is normally calculated every 10 years, but if a supplementary census is conducted out of the 10-year cycle, the supplementary census numbers will be used, provided that all participating public agencies are included in the supplementary census.

TERMS OF AGREEMENT

1. County Obligations

County shall:

- a. Prepare and maintain a county Emergency Operations Plan or Plans ("EOP") with due consideration of hazards that affect all areas in the County.
- b. Advise and assist Public Agency in the development, review, update, publication, and distribution of an EOP developed by Public Agency.
- c. Advise and assist Public Agency in the development, review, update, publication, and distribution of Continuity of Operations Plans
- d. Advise and assist Public Agency in the development, review, update, publication, and distribution of a Multi-Hazard Mitigation Plan.
- e. Advise and assist Public Agency in the development, review, update, publication, and distribution of a Community Wildfire Protection Plan.
- f. Advise and assist Public Agency with the disaster and emergency management training of such employees as Public Agency shall designate.
- g. Provide and maintain a coordinated countywide emergency management program for extraordinary operational systems not provided for in normal governmental operations, including: Warning Systems, Communications System, comprehensive emergency management and planning, and an Emergency Operations Center.
- h. Provide and maintain, and issue access to a comprehensive emergency management software tool to expedite the emergency operations center processes.

- i. Develop and maintain a countywide comprehensive electronic interactive resource database of government owned and other resources available for use in the event of a disaster.
- j. Provide assistance with local emergency declarations and obtaining Federal and / or State funds available to Public Agency for emergency management and disaster purposes.
- k. Advise and assist Public Agency in the timely preparation of reports and other documentation required by the state and / or federal governments for emergency management purposes.
- l. Offer coordination assistance to Public Agency for major events or disasters affecting Public Agency.
- m. In its sole discretion, have the option to act as a backup EOC for partner cities
- n. Assist Public Agency in the design, development, delivery, and after action reporting of exercises scheduled by Public Agency to test its disaster response capability.

Advise and assist Public Agency with emergency shelter assessments and Americans with Disabilities Act compliance.
- o. Advise and assist Public Agency in complying with the provisions of Title 26, Chapter 2, Arizona Revised Statutes, and State policies and procedures.
- p. Advise and assist Public Agency with public awareness and education including but not limited to:
 - (1) providing disaster response pamphlets/handouts to Public Agency emergency management personnel for later distribution to the public.
 - (2) delivering disaster response pamphlets/handouts to libraries, community centers, and senior centers located in Public Agency.
 - (3) coordinating with Public Agency to assist with public outreach activities on disaster and emergency-related subjects to schools, civic groups and similar organizations.
 - (4) coordinating with Public Agency to assist with public outreach activities such as staffing information booths at fairs, safety days and similar events.
- q. Notify Public Agency of its annual assessment for each upcoming fiscal year no later than March 1 of the Preceding Fiscal Year.
- r. Assist Public Agency with other disaster and emergency management programs as may be agreed upon.

2. **Public Agency Obligations**

Public Agency shall:

- a. Develop, publish and distribute an EOP which is complementary to and compatible with County's EOP.

- b. Develop and conduct such emergency management training programs and exercises as it deems necessary.
 - c. Have the option to act as a backup to the County if it needs an alternate location.
 - d. Collect and provide disaster and emergency management information, such as annual NIMS reporting, when so required by the state or federal government.
 - e. During each fiscal year (July 1 to June 30) of the term of this Agreement, pay to County an annual assessment to be determined as follows:
 - (1) County will pay 50% of the Local Budget plus that portion of the Local budget allocated to Capital Items.
 - (2) The remainder of the Local Budget will be paid by the participating public agencies.
 - (3) Public Agency's annual assessment shall be determined by dividing Public Agency's Population by the Total Population of the participating public agencies and then multiplying the quotient by that portion of the Local Budget allocated to the participating public agencies in the preceding paragraph.
 - (4) Public Agencies will pay a fixed amount based on the actual annual maintenance cost of comprehensive emergency management tool. The total annual maintenance will be divided by all Participating Public Agencies equally.
3. This Agreement supersedes any and all agreements, either written or oral, between the Parties hereto with respect to the subject matter contained herein and contains all the covenants and agreements between the Parties with respect to the rendering of disaster and emergency management services. Except as otherwise provided herein, any effective modification must be in writing signed by both Parties.
 4. The Parties acknowledge that this Agreement is subject to cancellation pursuant to ARIZ.REV. STAT. §38-511.
 5. In the event of any controversy, which may arise out of this Agreement, the parties agree that the matter shall be arbitrated as provided in ARIZ.REV. STAT. §12-1518(A). The method of arbitration and the selection of arbitrators shall be decided by the mutual agreement of the parties at such time as arbitration services are needed. This Agreement shall be governed by and construed in accordance with the laws of the State of Arizona.
 6. The term of this Agreement shall commence on the Effective Date and continue until June 30, 2023, unless sooner terminated as provided herein. The Agreement may be terminated by either party giving written notice of such intention to the other party not less than ninety (90) days prior to June 30 of the year during which the notice is given, which shall be the effective date of the termination.
 7. To the extent provisions of ARIZ.REV. STAT. §41-4401 are applicable, all Parties warrant to each Party that they will comply with all Federal Immigration laws and regulations that relate to their employees and that each now complies with the E-Verify Program under ARIZ.REV. STAT. §23-214(A).

- a. A breach of this warranty will be considered a material breach of this Agreement and may subject the breaching party to penalties up to and including termination of this Agreement.
 - b. All of the Parties retain the legal right to inspect the papers of any employee who works pursuant to this Agreement or any related subcontract to ensure compliance with the warranty given above.
 - c. Any Party may conduct a random verification of the employment records of any other Party to ensure compliance with this warranty.
 - d. A Party will not be considered in material breach of this Agreement if it establishes that it has complied with the employment verification provisions prescribed by 8 USCA §1324(a) and (b) of the Federal Immigration and Nationality Act and the E-Verify requirements prescribed by ARIZ.REV. STAT. §23-214(A).
 - e. The provisions of this Article must be included in any contract either Party enters into with any and all of its contractors or subcontractors who provide services under this Agreement.
8. To the extent permitted by law, each Party does hereby covenant and agree to indemnify, defend, and hold harmless the other Party, their elected officials, appointees, officers, employees, contractees, and agents from and against any and all suits, actions, legal or administrative proceedings, claims, demands or damages of any kind or nature relating to this Agreement which, are the result of any act or omission of the Party, its officers, employees, contractors, agents, and anyone acting under its direction or control, whether intentional or negligent, in connection with or incident to this Agreement. Failure of a Party to comply with the terms of this Agreement shall not provide the basis of any third party action against any of the Parties.
 9. Pursuant to ARIZ.REV. STAT. §23-1022(D), for the purposes of worker's compensation coverage, all employees of each Party covered by this Agreement shall be deemed to be an employee of all Parties. The primary employer shall be solely liable for payment of worker's compensation benefits.
 10. Any notices required or permitted to be given hereunder by either party to the other may be given by personal delivery in writing or by registered or certified mail, postage prepaid, with return receipt requested. Notices shall be addressed to the parties at the addresses appearing below, but each party may change such party's address by written notice given in accordance with this paragraph. Notices delivered personally will be deemed communicated as of actual receipt; mailed notices will be deemed communicated as of three (3) days mailing. Notices shall be addressed as follows:

To County to the attention of:

Director
Maricopa County Department of
Emergency Management
5630 East McDowell Rd
Phoenix, AZ 85008

To Public Agency to the attention of:

Tom Abbott, Fire Chief
City of Surprise
14250 W Statler Plaza, Suite 101
Surprise, AZ 85374

11. If any provision of this Agreement is held by a court of competent jurisdiction or applicable state or federal law and their implementing regulations to be invalid, void or unenforceable, the remaining provisions will nevertheless continue in full force and effect.
12. Israel. The County and the Public Agency certify that it is not currently engaged in, and agrees for the duration of this Agreement that it will not engage in a "boycott," as that term is defined in Ariz. Rev. Stat. § 35-393, of Israel.

Dated this ____ day of _____, 2018

Dated this ____ day of _____, 2018

Sharon Wolcott, Mayor

Steve Chucri
Chairman, Board of Supervisors

ATTEST:

Sherry Ann Aguilar, City Clerk

Fran McCarroll
Clerk of the Board

ATTORNEY DETERMINATION

The undersigned attorneys for the respective parties each hereby certify that they have reviewed this Agreement and find that it is in proper form, and within the power and authority granted to their respective clients under the laws of the State of Arizona.

Robert Wingo, City Attorney

Deputy County Attorney



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

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Council Meeting Date:	November 6, 2018	Contact Person:	Fire Chief Tom Abbott
Submitting Department:		District:	Internal
Staff	None		
Recommendations:			

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to an amendment to the Fiscal Year 2018 budget by reallocating appropriations of \$46,200 within the Grants and Contingency Fund in order to accept two grants from the State of Arizona Department of Homeland Security (AZDOHS) to support the Fire-Medical Department's CBRNE (Chemical, Biological, Radiological, Nuclear and Explosives) Sustainment initiatives and CERT (Community Emergency Response Team) Program; Resolution # 2018-173.

Motion:

I move to approve Resolution # 2018-173.

Background:

The SFMD has been consistently successful with obtaining Urban Area Security Initiative (UASI) grant funding from AZDOHS to sustain the Department's CBRNE program and maintain HM305, an apparatus that was fully funded by AZDOHS in FFY09. In the 2018 funding year (FFY18), the AZDOHS has awarded \$38,168 to the SFMD. This is a cut in previous funding due to ongoing cuts in federal grant programs nationwide. The second grant will support the SFMD's CERT program. This is the second consecutive year that SFMD \$8,000 in CERT training funds. The CERT Program is operated by the SFMD's Community Services & Personnel Division Battalion Chief. The CERT teams offer clinics and training to the public for emergency preparedness in the event of a disaster.

Objective Analysis:

The CBRNE funding will be used to cover expenses for two Department members to attend Haztech School and all of the overtime associated with backfilling that member's position. Additionally, the grant will fund CBRNE meter maintenance and equipment enhancement purchases. The CERT funding will cover overtime for CERT related training throughout the one year performance period.

Policy Compliant:

These grants are consistent with all city and council policies and will adhere to the same as well as state guidelines.

Financial Impact:

Both the CBRNE Sustainment and the CERT grants are fully funded, zero match Grants thus creating no cost to the City of Surprise.

Budget Impact:

There will be a reallocation of appropriations in the amount of \$46,200 from Grants Contingency to two Grant projects within the Grants fund to cover anticipated expenses associated with the award of two Grants from the State of Arizona Department of Homeland Security. These allocations do not represent an actual transfer of funds, but only a transfer of spending authority.

FTE Impact:

No FTE impact

ATTACHMENTS:

Click to download

[RES 2018-173 for Awarding CERT CBRNE from ADHS](#)

[FY18 SHSGP Award Ltr_180215-01](#)

[FY18 UASI Award Ltr_180820-01](#)

RESOLUTION # 2018-173

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF SURPRISE, ARIZONA, AMENDING THE FISCAL YEAR 2018 BUDGET BY REALLOCATING APPROPRIATIONS OF \$46,200 WITHIN THE GRANTS AND CONTINGENCY FUND FOR THE PURPOSE OF ADJUSTING BUDGET AUTHORITY RELATED TO THE ACCEPTANCE OF TWO ARIZONA DEPARTMENT OF HOMELAND SECURITY GRANTS.

WHEREAS, the Arizona Department of Homeland Security has awarded the City of Surprise Fire-Medical Department a FFY18 CBRNE (Chemical, Biological, Radiological, Nuclear and Explosives) Sustainment grant in the amount of \$38,168 to maintain the Department's Hazardous Materials apparatus;

WHEREAS, the Arizona Department of Homeland Security has awarded the City of Surprise Fire-Medical Department a FFY18 CERT (Community Emergency Response Team) grant in the amount of \$8,000 in support of the FY19 Surprise Fire-Medical Department CERT Program;

WHEREAS, the City desires to accept the grant funding from the Arizona Department of Homeland Security in the above amounts totaling \$46,168;

WHEREAS, the FY2018 budget was adopted by Council Resolution #2018-78 on June 5, 2018;

WHEREAS, this action will necessitate a budget amendment; and

WHEREAS, the City of Surprise Administrative Policies requires the approval of the Mayor and Council for budget amendments of this nature.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Council of the City of Surprise, Arizona, as follows.

Section 1. That the statements and schedules attached as *Exhibit A* and incorporated by reference are adopted, amending the budget of the City of Surprise, Arizona for the fiscal year July 1, 2018 through June 30, 2019.

Section 2. The City is hereby authorized to accept the grant funding from the Arizona Department of Homeland Security to maintain the Department's Hazardous Materials apparatus and CERT Program in the combined amount of \$46,168. The City Manager, or his designees, is authorized to conduct all negotiations and to execute and submit all documents and other necessary or desirable instruments in connection with said agreements.

SIGNATURES ON THE FOLLOWING PAGE

APPROVED AND ADOPTED this ____ day of _____, 2018.

Sharon R. Wolcott, Mayor

Attest:

Approved as to form:

Sherry Aguilar, City Clerk

Robert Wingo, City Attorney

EXHIBIT A
RESOLUTION # 2018-173

1. Appropriation - This action will reallocate appropriations in the amount of \$46,200 from Grants Contingency to two Grant projects within the Grants fund. These allocations do not represent an actual transfer of funds, but only a transfer of spending authority to cover costs to train two SFMD members to the level of Hazmat technician and purchase other supplies to sustain the CBRNE vehicle and also train citizens in CERT preparedness and awareness measures throughout the performance period of the two grants. These allocations do not represent an actual transfer of funds, but only a transfer of spending authority. Additionally, these allocations do not increase or decrease the total budget.

Fund	Department	Project/Category	Rev/ Exp	Current Budget	Increase/ (Decrease)	Amended Budget
Grants	Fire - Medical	Personnel Services	E	417,800	32,000	449,800
Grants	Fire - Medical	Services	E	3,500	14,200	17,700
Grants	General Operations	Other	R	21,342,800	(46,200)	21,296,600
Grants	Fire - Medical	Intergovernmental	R	435,300	46,200	481,500
Grants	General Operations	Contingency	E	21,242,900	(46,200)	21,196,700
Expense Total				21,664,200	-	21,664,200
Revenue Total				21,778,100	-	21,778,100



Governor Douglas A. Ducey

State of Arizona Department of Homeland Security



Director Gilbert M. Orrantia

September 21, 2018

Fire Chief Tom Abbott
Surprise Fire-Medical Department
14250 W Statler Plaza Suite 101
Surprise, AZ 85374-7473

Subject: FFY 2018 Homeland Security Grant Program Award
Subrecipient Agreement Number: **180215-01**
Project Title: **Surprise Fire- Medical Department CERT Sustainment**

Dear Fire Chief Tom Abbott,

The application that your agency submitted to the Arizona Department of Homeland Security (AZDOHS) for consideration under the Homeland Security Grant Program has been awarded. The project titled "**Surprise Fire- Medical Department CERT Sustainment**" has been **fully funded** under the 2018 State Homeland Security Grant Program for **\$8,000**. The grant performance period is **October 1, 2018 to September 30, 2019**. This grant program is part of the U.S. Department of Homeland Security Grant Program and specifically is awarded under CFDA #97.067 (Catalog of Federal Domestic Assistance). The FFY 2018 federal award date as indicated in the U.S. DHS award package is 9/01/2018 with a total amount of funding of \$25,580,000. The Federal Award Identification Number is EMW-2018-SS-00004-S01.

To access your award documentation:

Log-in to <https://azdohs.gov/user>. A username and password was provided to you/your staff during the application phase. If you no longer have your username/password, please contact your Strategic Planner for assistance. Be advised all applications submitted on behalf of your organization, as well as associated award information, will be viewable and accessible by all authorized users associated with your organization.

To establish acceptance of the award, please follow these instructions:

The following action items must be downloaded, completed, signed and returned to AZDOHS:

1. Project Administration Page - Print and sign one original Project Administration Page.
2. Two Subrecipient Agreements - Print and sign two original Subrecipient Agreements, completing sections XXXVII and XXXVIII.
3. Environmental and Historic Preservation (EHP) required documentation, if applicable.

These items must be completed and on file at AZDOHS in order for your agency to be eligible for reimbursement. **If all documentation listed in numbers 1, 2, and 3 (if applicable), above is not signed and received by AZDOHS on or before January 31, 2019, this award is rescinded and the funds will be reallocated.**

This letter does **not** serve as authorization to obligate or begin spending funds toward this award. Obligations



Governor Douglas A. Ducey

State of Arizona Department of Homeland Security



Director Gilbert M. Orrantia

and expenditures cannot take place until October 1, 2018. If your project requires an Environmental and Historic Preservation (EHP) review, this must be completed, submitted and approved by FEMA/AZDOHS prior to any obligation/expenditure of funds. Additionally, all actions associated with this project must be completed, invoiced and received by the end of the period of performance. Reimbursements are limited to approved quantities and funding thresholds. You will not be reimbursed for quantities in excess of what you have been authorized to purchase. AZDOHS reserves the right to request additional documentation at any time.

If you should have any questions, please do not hesitate to contact your Strategic Planner.

Congratulations on your Homeland Security Grant Program award.

Sincerely,

A handwritten signature in black ink, reading "Gilbert M. Orrantia".

Gilbert M. Orrantia
Director



Governor Douglas A. Ducey

State of Arizona Department of Homeland Security



Director Gilbert M. Orrantia

September 21, 2018

Fire Chief Tom Abbott
Surprise Fire-Medical Department
14250 W. Statler Plaza Suite 101
Surprise, AZ 85383-7473

Subject: FFY 2018 Homeland Security Grant Program Award
Subrecipient Agreement Number: **180820-01**
Project Title: **City of Surprise Fire Medical CBRNE Sustainment**

Dear Fire Chief Tom Abbott,

The application that your agency submitted to the Arizona Department of Homeland Security (AZDOHS) for consideration under the Homeland Security Grant Program has been awarded. The project titled "**City of Surprise Fire Medical CBRNE Sustainment**" has been **partially funded** under the 2018 Urban Area Security Initiative Grant Program for **\$38,168**. The grant performance period is **October 1, 2018 to September 30, 2019**. Your application will be kept on file for additional funding consideration if reallocation funding becomes available. This grant program is part of the U.S. Department of Homeland Security Grant Program and specifically is awarded under CFDA #97.067 (Catalog of Federal Domestic Assistance). The FFY 2018 federal award date as indicated in the U.S. DHS award package is 9/01/2018 with a total amount of funding of \$25,580,000. The Federal Award Identification Number is EMW-2018-SS-00004-S01.

To access your award documentation:

Log-in to <https://azdohs.gov/user>. A username and password was provided to you/your staff during the application phase. If you no longer have your username/password, please contact your Strategic Planner for assistance. Be advised all applications submitted on behalf of your organization, as well as associated award information, will be viewable and accessible by all authorized users associated with your organization.

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Governor Douglas A. Ducey

State of Arizona Department of Homeland Security



Director Gilbert M. Orrantia

This letter does **not** serve as authorization to obligate or begin spending funds toward this award. Obligations and expenditures cannot take place until October 1, 2018. If your project requires an Environmental and Historic Preservation (EHP) review, this must be completed, submitted and approved by FEMA/AZDOHS prior to any obligation/expenditure of funds. Additionally, all actions associated with this project must be completed, invoiced and received by the end of the period of performance. Reimbursements are limited to approved quantities and funding thresholds. You will not be reimbursed for quantities in excess of what you have been authorized to purchase. AZDOHS reserves the right to request additional documentation at any time.

If you should have any questions, please do not hesitate to contact your Strategic Planner.

Congratulations on your Homeland Security Grant Program award.

Sincerely,

A handwritten signature in black ink, reading "Gilbert M. Orrantia".

Gilbert M. Orrantia
Director



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date:	November 6, 2018	Contact Person:	Robert Kuhfuss - Community Development
Submitting Department:		District:	1
Staff Recommendations:	Approve		

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to approval of the Final Plat entitled, "Rancho Mercado Parcel A17" dated March 28, 2018, a property generally located in Rancho Mercado south and east of the Yearling Road and Rancho Mercado Parkway alignments.

Motion:

I move to approve the Final Plat entitled, "Rancho Mercado Parcel A17" dated March 28, 2018.

Background:

The subject request involves an 88-lot Final Plat for Parcel A17 of Rancho Mercado and is one of two (2) Final Plats presented this date, but under separate cover.

Objective Analysis:

The proposed Final Plat is one of several case activities related to the Rancho Mercado development. Approval of the subject Final Plat will allow the city to continue issuing the infrastructure permits necessary for the applicant to continue construction. The proposed Final Plat is consistent with the Rancho Mercado PAD and other regulatory documents, and the reviewing agencies have expressed no objections to the approval of the Final Plat.

Policy Compliant:

The requested Final Plat is consistent with the Rancho Mercado PAD, the Rancho Mercado Preliminary Plat and advances the goals and policies of the General Plan.

Financial Impact:

All activity related to ongoing development of the City of Surprise has an economic and fiscal impact on the city and the region.

Budget Impact:

There is no anticipated budget impact related to this item.

FTE Impact:

This item does not have an impact on current staff levels.

ATTACHMENTS:

Click to download

[00 - Rancho Mercado Parcel A17 Final Plat, Case FS17-546 - Staff Report](#)

[01 - Rancho Mercado Parcel A17 Final Plat, Case FS17-546 - Vicinity Map](#)

[02 - Rancho Mercado Parcel A17 Final Plat, Case FS17-546 - Case Map](#)

[03 - Rancho Mercado Parcel A17 Final Plat, Case FS17-546 - Final Plat](#)

[04 - Rancho Mercado Parcel A17 Final Plat, Case FS17-546 -Presentation](#)

FINAL PLAT

REPORT TO THE CITY COUNCIL

Case: FS17-546

Project Name: Rancho Mercado Parcel A17 Final Plat

Council District: 1

City Council Date: November 06, 2018

Planner: Robert H. Kuhfuss, AICP

Owner: William Lyon Homes

Applicant: Fil Luna of William Lyon Homes

Request: Final Plat for Parcel A17 within the Rancho Mercado PAD

Site Location: Generally located south of the Yearling Road alignment and east of the Rancho Mercado Parkway alignment in Ranch Mercado

Site Size: 26.72 acres (approx.)

Density: 3.29 DU/Ac.

General Plan Conformance: The proposal is consistent with the Surprise General Plan 2035

Support/Opposition: None known

Findings:

- The proposed Final Plat is consistent with the Rancho Mercado PAD.
- The proposed Final Plat is consistent with the Rancho Mercado Unit 1 Preliminary Plat as approved under FS15-069.
- The proposed Final Plat is consistent with the applicable City of Surprise regulations.
- The reviewing agencies have indicated no objections to the request.

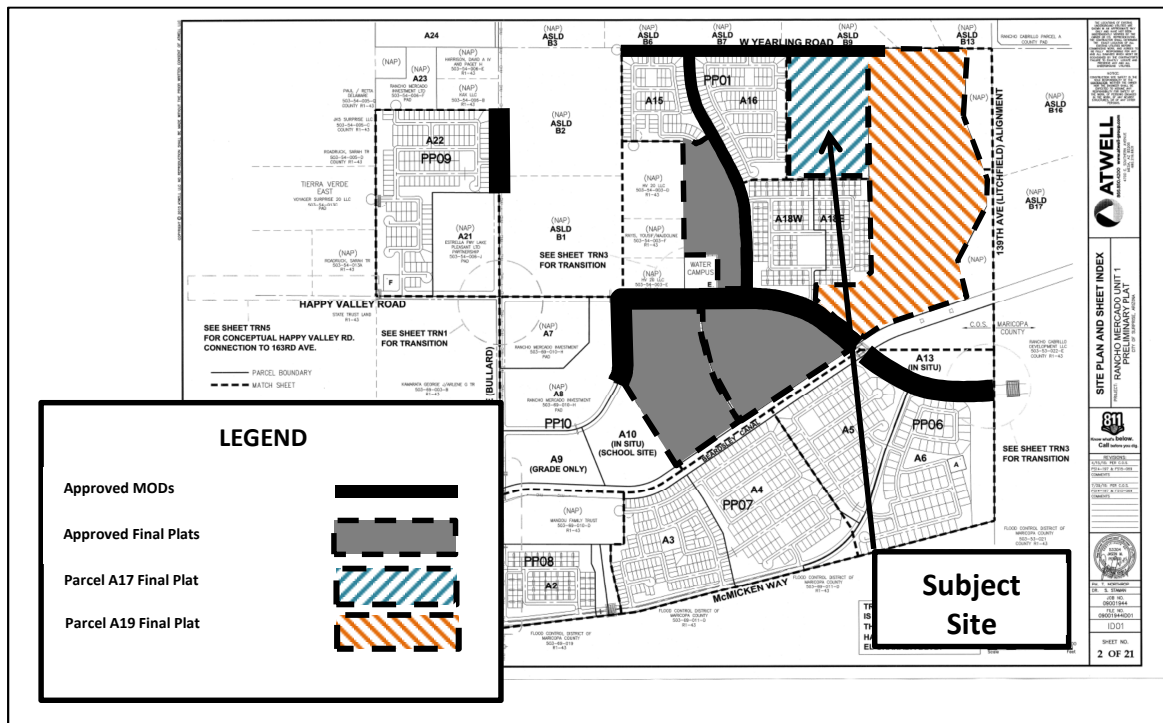
Alternative Actions: **Approval** of the requested Final Plat will allow the developer to continue building infrastructure in support of the larger Rancho Mercado PAD.

Denial of the requested Final Plat will deny the applicant the opportunity to develop the property as depicted on the proposed final plat.

Project Description:

The subject request involves an 88-lot Final Plat for Parcel A17 of Rancho Mercado and is one of two (2) Final Plats presented this date, but under separate cover.

The following map, taken from the Rancho Mercado Unit 1 Preliminary Plat, is annotated to depict the location of the subject Final Plat in relation to the other activity occurring within the PAD.



Background:

July 11, 2006: The Maricopa County Board of Supervisors approved a request for a Development Master Plan (DMP) and associated Zone Change for the Rancho Mercado project in what was then unincorporated Maricopa County.

May 25, 2007: The Surprise City Council entered into a Pre-Annexation Development Agreement with the applicant, which was recorded under 2007-0794202 MCR.

October 11, 2007: The Surprise City Council approved the Rancho Mercado PAD under case PAD06-276, subject to stipulations "a" through "u", Ordinance #07-46.

November 10, 2007: The subject property was annexed into the City of Surprise via Ordinance # 2007-47.

December 2, 2010: Staff met with the applicant to discuss a Preliminary Plat for Rancho Mercado under case CR10-256.

December 7, 2010: Staff approved a Minor PAD Amendment to under case FS10-210.

March 30, 2011: The applicant filed a request for a Preliminary Plat covering the subject property under case PS11-093, which expired due to inactivity.

January 5, 2016: The City Council approved the Preliminary Plat for Rancho Mercado Unit 1 under case FS15-069.

September 14, 2017: The applicant submitted a request for a Final Plat for Rancho Mercado Parcel A17 under case FS17-546, the subject case.

October 17, 2017: The City Council approved the Map of Dedication for Happy Valley Road Phase 3 under case FS17-097.

October 17, 2017: The City Council approved the Map of Dedication for Happy Valley Road Phase 2 under case FS17-098.

October 17, 2017: The City Council approved the Map of Dedication for Rancho Mercado Parkway under case FS16-384.

October 31, 2017: Staff administratively approved the Minor Site Plan regarding the Rancho Mercado Water Campus under case FS17-262.

December 5, 2017: The City Council approved the Final Plat for Rancho Mercado Parcel A14 under case FS16-385.

February 15, 2018: The applicant submitted a request for a Final Plat for Rancho Mercado Parcel A19 under case FS18-093.

February 20, 2018: The City Council approved a Final Plat for Ranch Mercado Parcel A11 under case FS17-257.

February 20, 2018: The City Council approved a Final Plat for Ranch Mercado Parcel A12 under case FS17-258.

February 20, 2018: The City Council approved a Map of Dedication for Happy Valley Road Phase 1 under case FS17-264.

February 20, 2018: The City Council approved a Map of Dedication for 147th Avenue under case FS17-499.

October 2, 2018: The City Council approved a Map of Dedication for Yearling Road under case FS18-086.

Reviewing Agencies:

The subject request was routed to the standard reviewing agencies, who have indicated no objections to the request.

Summary:

The proposed Final Plat is one of several case activities related to the Rancho Mercado development. Approval of the subject Final Plat will allow the city to continue issuing the infrastructure permits necessary for the applicant to continue construction. The proposed Final Plat is consistent with the Rancho Mercado PAD and other regulatory documents, and the reviewing agencies have expressed no objections to the approval of the Final Plat.

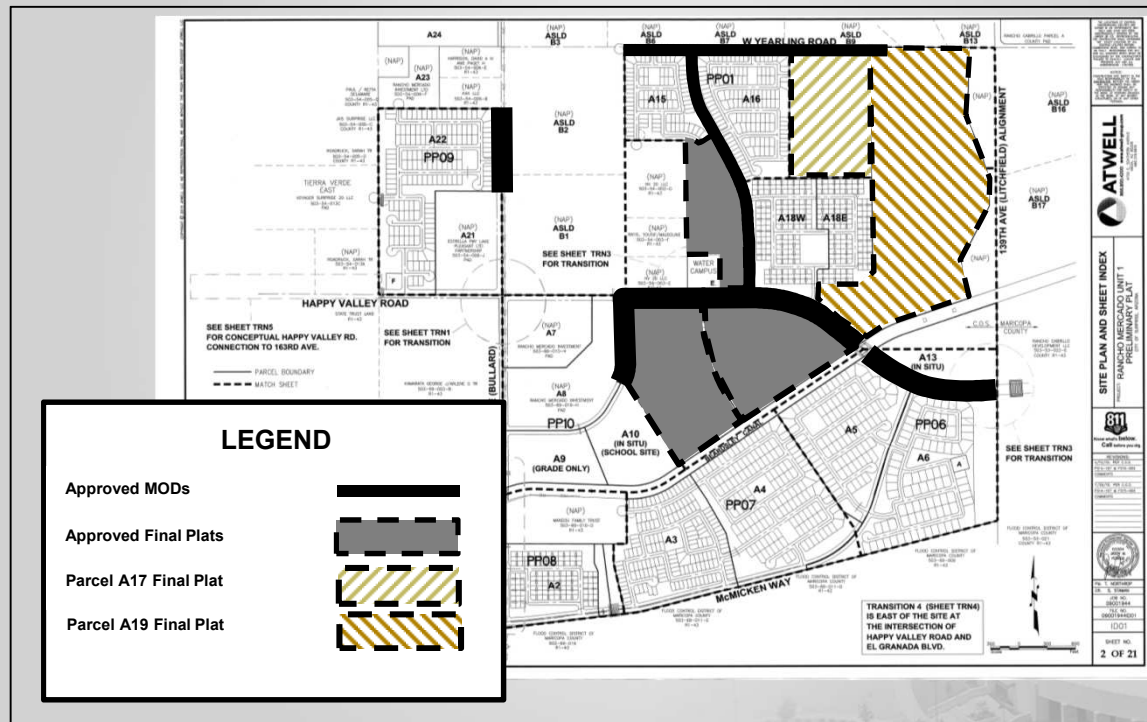
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Attachments:

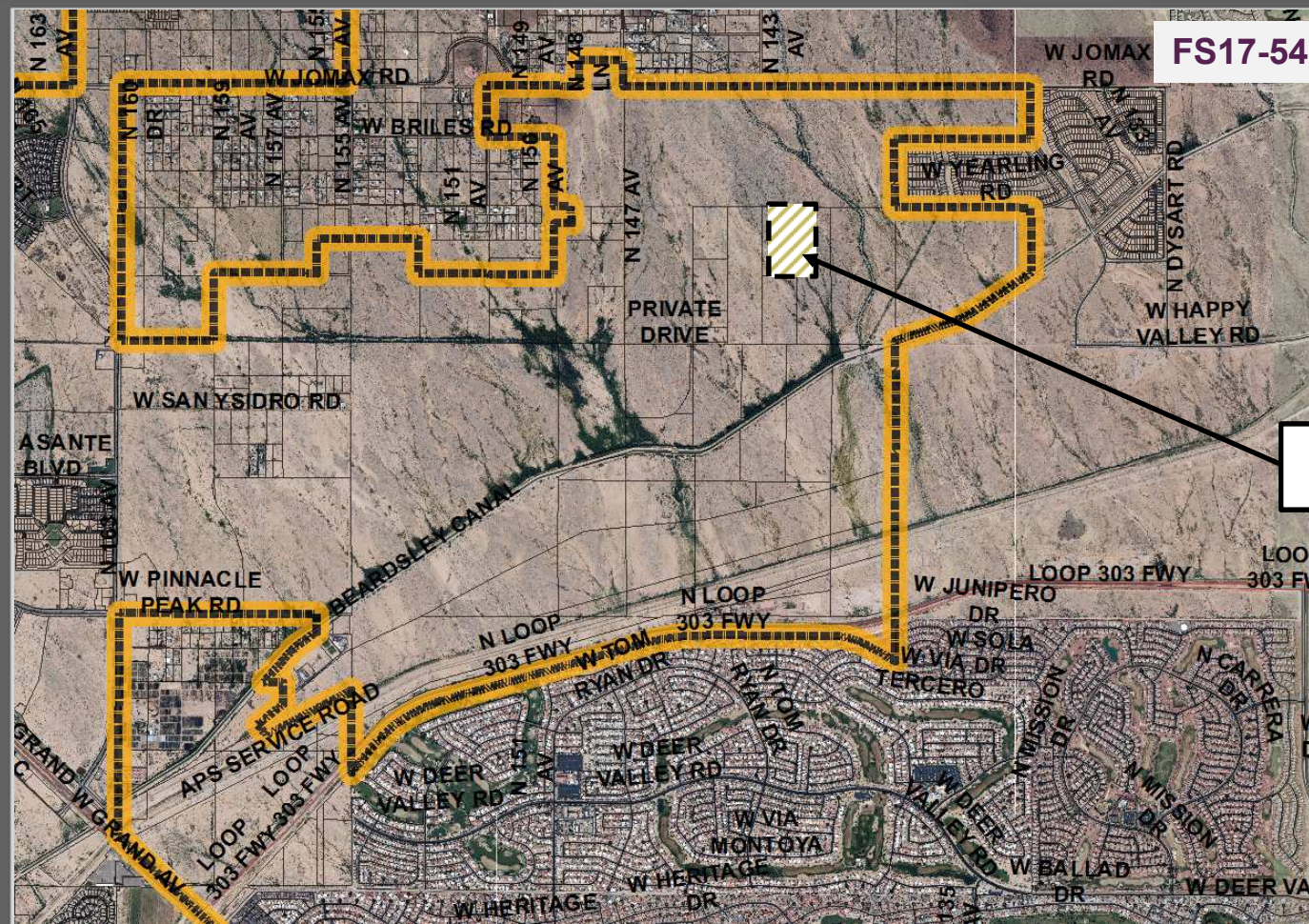
01 Vicinity Map
02 Case Map
03 Final Plat

FS17-546 Parcel A17 Final Plat
FS18-093 Parcel A19 Final Plat



Vicinity Map

FS17-546 Parcel A17 Final Plat

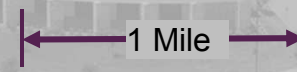


Subject Site

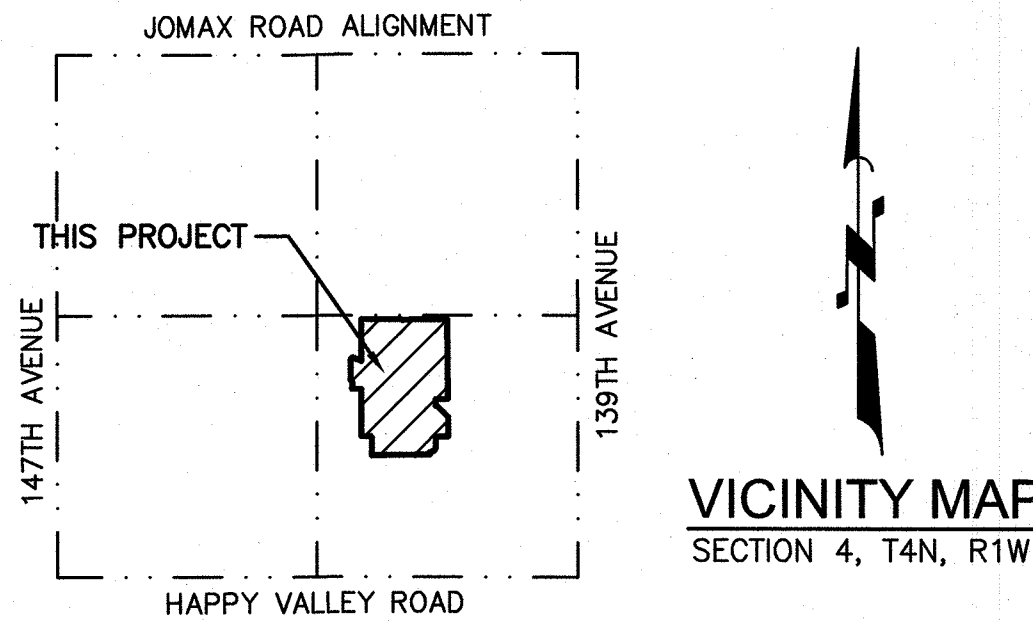
Case Map



North



FINAL PLAT
OF
RANCHO MERCADO PARCEL A17
A PORTION OF THE SOUTHEAST QUARTER OF SECTION 4, TOWNSHIP
4 NORTH, RANGE 1 WEST OF THE GILA AND SALT RIVER MERIDIAN,
CITY OF SURPRISE, MARICOPA COUNTY, ARIZONA



DEDICATION

STATE OF ARIZONA: }
COUNTY OF MARICOPA: } SS

KNOW ALL PERSONS BY THESE PRESENTS:

- THAT WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION, HEREINAFTER "OWNER", HAS SUBDIVIDED UNDER THE NAME "RANCHO MERCADO PARCEL A17", LOCATED WITHIN A PORTION OF THE SOUTHEAST QUARTER OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, CITY OF SURPRISE, MARICOPA COUNTY, ARIZONA AND DOES HEREBY DECLARE THAT THIS PLAT SETS FORTH THE LOCATION AND GIVES THE DIMENSIONS OF EACH LOT, TRACT, STREET, AND EASEMENT CONSTITUTING SAME, AND THAT EACH LOT, TRACT, STREET, AND EASEMENT SHALL BE KNOWN BY THE NUMBER, LETTER, AND/OR NAME GIVEN TO EACH RESPECTIVELY AS SHOWN ON THIS PLAT.
- "OWNER" HEREBY DEDICATES TO THE CITY OF SURPRISE FEE TITLE TO ALL PUBLIC RIGHTS-OF-WAY AS SHOWN ON THE PLAT.
- ALL IMPROVEMENTS, FOR STREETS AND PUBLIC UTILITIES OWNED AND OPERATED BY THE CITY, INSTALLED OR CONSTRUCTED BY "OWNER" WITHIN THE PUBLIC RIGHTS-OF-WAY, THE EASEMENTS, OR ANY TRACTS OR PARCELS HEREBY DEDICATED TO THE CITY OF SURPRISE SHALL BE DEEMED TO HAVE BEEN DEDICATED BY OWNER TO THE CITY UPON THEIR COMPLETION; HOWEVER, SUCH TRANSFER SHALL NOT OCCUR UNTIL THE CITY COUNCIL FOR THE CITY OF SURPRISE MANIFESTS ITS ACCEPTANCE BY SEPARATE FORMAL COUNCIL ACTION.
- "OWNER" DOES HEREBY (1) RELEASE AND DISCHARGE THE CITY OF SURPRISE, AND (2) INDEMNIFY, DEFEND, AND HOLD HARMLESS THE CITY OF SURPRISE, OF AND FROM ANY LIABILITY FOR ANY AND ALL CLAIMS FOR DAMAGES OF ANY KIND TO PERSONS OR PROPERTY THAT MAY ARISE AT ANY TIME IN THE FUTURE OVER, OR IN CONNECTION WITH THE AREAS LOCATED WITHIN THE NEWLY DEDICATED RIGHT-OF-WAY AS DEPICTED ON THIS PLAT UNTIL SUCH TIME THE RIGHT-OF-WAY IS IMPROVED TO CITY STANDARDS AND THOSE IMPROVEMENTS ARE APPROVED AND ACCEPTED BY THE CITY COUNCIL. THE MAINTENANCE OF THE AREA WITHIN ANY NEWLY DEDICATED RIGHT-OF-WAY AS SHOWN ON THIS PLAT SHALL BE THE RESPONSIBILITY OF THE ADJACENT OWNER/OR SUBSEQUENT ADJACENT OWNERS WITHIN THE BOUNDARY OF SAID PLAT UNTIL SUCH TIME THAT THE AREA WITHIN THE RIGHT-OF-WAY IS IMPROVED TO CITY STANDARD AND ACCEPTED BY THE CITY OF SURPRISE.
- "OWNER" HEREBY GRANTS TO THE PUBLIC A NON-EXCLUSIVE EASEMENT OVER, UPON AND ACROSS THE AREAS DESIGNATED AS PUBLIC UTILITY EASEMENTS AS SHOWN ON THE PLAT FOR THE PURPOSE OF INSTALLING, CONSTRUCTING, MAINTAINING, REPAIRING, REPLACING AND UTILIZING PUBLIC UTILITIES.
- THE MAINTENANCE OF LANDSCAPING WITHIN THE ADJACENT PUBLIC RIGHTS-OF-WAY, INCLUDING LANDSCAPED MEDIANS WITHIN COLLECTORS AND LOCAL STREETS AND LANDSCAPED AREAS BETWEEN THE CURB AND THE DETACHED SIDEWALK, SHALL BE THE RESPONSIBILITY OF THE ADJACENT PROPERTY OWNER OR THE PROPERTY ASSOCIATION FORMED BY THE ADJACENT PROPERTY.
- "OWNER" HEREBY GRANTS TO THE UNITED STATES OF AMERICA DEPARTMENT OF THE AIR FORCE "USAF" AN AVIGATION EASEMENT OVER AND ACROSS THIS PLAT AND EVERY LOT AND PARCEL THEREOF, WHICH EASEMENT SHALL INCLUDE, BUT NOT BE LIMITED TO, THE RIGHT OF FLIGHT OF AIRCRAFT OVER THIS PLAT, TOGETHER WITH ITS ATTENDANT NOISE, VIBRATIONS, FUMES, DUST, FUEL AND LUBRICANT PARTICLES, THAT MAY BE CAUSED BY THE OPERATION OF AIRCRAFT LANDING AT, OR TAKING OFF FROM, OR OPERATING AT OR ON LUKE AIR FORCE BASE AND AUXILIARY FIELD.
- "OWNER" HEREBY GRANTS TO THE CITY OF SURPRISE AN ODOR EASEMENT OVER, UPON AND ACROSS, FINAL PLAT, WHICH EASEMENT SHALL INCLUDE, BUT NOT LIMITED TO, THE RIGHT TO INVADE WITH ODORS, FUMES, SMELLS, AND PHYSICAL AIRBORNE PARTICULATES CAUSED BY THE LAWFUL OPERATION AND MAINTENANCE OF THE CITY'S WATER RECLAMATION FACILITY.
- THE EASEMENTS GRANTED WITHIN THIS DEDICATION ARE PERMANENT AND PERPETUAL AND SHALL RUN WITH THE LAND AND BE BINDING UPON OWNER AND ITS HEIRS, ASSIGNS, AND SUCCESSORS IN INTEREST TO THIS FINAL PLAT OR ANY PARCEL THEREOF.
- "OWNER" HEREBY WARRANTS AND REPRESENTS TO THE CITY OF SURPRISE THAT IT IS THE SOLE OWNER OF THE PROPERTY COVERED BY THIS FINAL PLAT, AND THAT EVERY LENDER, EASEMENT HOLDER OR OTHER PERSON OR ENTITY HAVING ANY INTEREST THAT IS ADVERSE TO OR INCONSISTENT WITH THE FOREGOING DEDICATION, OR ANY OTHER REAL PROPERTY INTEREST CREATED OR TRANSFERRED BY THIS FINAL PLAT, HAS CONSENTED TO OR JOINED IN THIS FINAL PLAT AS EVIDENCED BY INSTRUMENTS WHICH ARE RECORDED WITH THE MARICOPA COUNTY RECORDERS OFFICE OR WHICH OWNER WILL RECORD NOT LATER THAN THE DATE ON WHICH THIS FINAL PLAT IS RECORDED.
- "OWNER" HEREBY GRANTS TO THE CITY OF SURPRISE A NON-EXCLUSIVE EASEMENT OVER, UPON AND ACROSS THE AREAS DESIGNATED AS SIGHT VISIBILITY TRIANGLES FOR THE PURPOSE OF ENSURING THEY COMPLY WITH SVT REQUIREMENTS.
- THE MAINTENANCE OF LANDSCAPING WITHIN THE OPEN SPACES, LANDSCAPED TRACTS, RETENTION BASINS AND PARKS SHALL BE THE RESPONSIBILITY OF THE OWNER OR THE RANCHO MERCADO COMMUNITY ASSOCIATION.
- THE VEHICULAR NON ACCESS EASEMENTS "VNAE" ARE HEREBY DEDICATED TO THE RANCHO MERCADO COMMUNITY ASSOCIATION, ITS SUCCESSORS AND ASSIGNS AND IS INTENDED TO PREVENT VEHICULAR TRAFFIC BETWEEN TRACTS AND LOTS WITH THE EXCEPTION OF PUBLIC UTILITY USES. SAID "VNAE" AS DEDICATED HEREON WILL CROSS PUBLIC UTILITY EASEMENTS "PUE" ALSO GRANTED HEREON, IN MULTIPLE LOCATIONS. THESE "VNAE" ARE NOT INTENDED TO PREVENT AUTHORIZED AGENTS OF THE PUBLIC UTILITY COMPANIES FROM CROSSING SAID "VNAE" DURING THE COURSE OF INSTALLATION, USE, MAINTENANCE AND REPAIR OF THE UTILITIES LOCATED IN SAID PUBLIC UTILITY EASEMENT "PUE".
- ALL TRACTS ARE NOT DEDICATED TO THE PUBLIC, BUT ARE PLATTED AS COMMON PROPERTY DEDICATED TO THE RANCHO MERCADO COMMUNITY ASSOCIATION FOR THE USE AND ENJOYMENT OF THE RANCHO MERCADO COMMUNITY ASSOCIATION, AS MORE FULLY SET FORTH IN THE DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS.
- TRACTS PLATTED HEREON ARE DEDICATED FOR THE PURPOSES AS NOTED IN THE TRACT TABLE ON THIS FINAL PLAT AND SHALL BE MAINTAINED BY RANCHO MERCADO COMMUNITY ASSOCIATION.
- OWNER HEREBY GRANTS TO THE CITY OF SURPRISE A PERPETUAL CROSS ACCESS EASEMENT ACROSS THE ENTIRE PLAT FOR THE PURPOSES OF PROVIDING CONTINUES AND UNINTERRUPTED INGRESS AND EGRESS FOR EMERGENCY VEHICLES.

IN WITNESS WHEREOF, OWNER HAS HEREUNTO CAUSED ITS CORPORATE NAME TO BE SIGNED AND ITS CORPORATE SEAL TO BE AFFIXED BY THE UNDERSIGNED, DULY AUTHORIZED OFFICER THIS DAY OF _____, 2018.

WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION.

BY: _____

ITS: _____

NOTARY ACKNOWLEDGEMENT

STATE OF ARIZONA: }
COUNTY OF MARICOPA: } SS

ON THIS _____ DAY OF _____, 2018, BEFORE ME, THE UNDERSIGNED NOTARY PUBLIC APPEARED JULIE E. COLLINS OF WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION, WHO ACKNOWLEDGED HERSELF TO BE THE SENIOR VICE PRESIDENT, AND THAT SHE EXECUTED THIS INSTRUMENT FOR THE PURPOSES HEREIN CONTAINED.

IN WITNESS WHEREOF, I HEREUNTO SET MY HAND AND OFFICIAL SEAL.

BY: _____ MY COMMISSION EXPIRES _____ DATE _____

RANCHO MERCADO COMMUNITY ASSOCIATION RATIFICATION

BY THIS RATIFICATION, KAREN BEACOM, DULY ELECTED PRESIDENT OF THE RANCHO MERCADO COMMUNITY ASSOCIATION ACKNOWLEDGES THE RESPONSIBILITIES DEDICATED HEREON.

BY: _____ ITS PRESIDENT
KAREN BEACOM

NOTARY ACKNOWLEDGEMENT

STATE OF ARIZONA: }
COUNTY OF MARICOPA: } SS

ON THIS _____ DAY OF _____, 2018, KAREN BEACOM PERSONALLY APPEARED BEFORE ME, THE UNDERSIGNED NOTARY PUBLIC, WHO ACKNOWLEDGED HERSELF TO BE THE PRESIDENT OF THE RANCHO MERCADO COMMUNITY ASSOCIATION, AND THAT SHE, AS PRESIDENT, EXECUTED THIS INSTRUMENT FOR THE PURPOSES HEREIN CONTAINED.

IN WITNESS WHEREOF, I HEREUNTO SET MY HAND AND OFFICIAL SEAL.

BY: _____ MY COMMISSION EXPIRES _____ DATE _____
NOTARY PUBLIC

APPROVALS

CITY OF SURPRISE ENGINEER APPROVAL

DATA ON THIS PLAT REVIEWED AND APPROVED THIS _____ DAY OF _____, 2018, BY THE CITY ENGINEER OF SURPRISE, ARIZONA.

APPROVED _____ DATE _____
CITY ENGINEER

CITY OF SURPRISE COUNCIL APPROVAL

APPROVED BY THE CITY COUNCIL OF THE CITY OF SURPRISE, ARIZONA. THIS _____ DAY, OF _____, 2018.

MAYOR

ATTEST:

CITY CLERK

AREA CALCULATIONS

TRACTS	172534 SQ.FT.	3.961 AC
LOTS	708814 SQ.FT.	16.272 AC
RIGHT OF WAY	282679 SQ.FT.	6.489 AC
TOTAL	1164027 SQ.FT.	26.722 AC

SHEET INDEX

DESCRIPTION	SHEET NO
COVER SHEET	1
KEY MAP, LEGAL DESCRIPTION	2
PLAT SHEETS	3-4

OWNER/DEVELOPER

WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION.
8840 EAST CHAPARRAL ROAD, SUITE 200
SCOTTSDALE, ARIZONA 85250
PHONE NO: 480-850-3729
CONTACT: FIL LUNA

RELEASE OF LIABILITY

- WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION "OWNER" DOES HEREBY (1) RELEASE AND DISCHARGE THE "USAF" AND THE CITY OF SURPRISE, AND (2) INDEMNIFY, DEFEND, AND HOLD HARMLESS THE CITY OF SURPRISE, OF AND FROM ANY LIABILITY FOR ANY AND ALL CLAIMS FOR DAMAGES OF ANY KIND TO PERSONS OR PROPERTY THAT MAY ARISE AT ANY TIME IN THE FUTURE OVER, OR IN CONNECTION WITH AIRCRAFT OVERFLIGHTS FROM AIRCRAFT UTILIZING LUKE AIR FORCE BASE, WHETHER SUCH DAMAGE SHALL ORIGINATE FROM NOISE, VIBRATION, FUMES, DUST, FUEL AND LUBRICANT PARTICLES, THAT MAY BE CAUSED BY THE OPERATION OF AIRCRAFT LANDING AT, OR TAKING OFF FROM, OR OPERATING AT OR ON LUKE AIR FORCE BASE. THIS INSTRUMENT SHALL RUN WITH THE LAND AND BE BINDING UPON OWNER AND ITS HEIRS, ASSIGNS, AND SUCCESSORS IN INTEREST TO THIS PLAT OR ANY PARCEL OR LOT THEREOF. THIS INSTRUMENT DOES NOT RELEASE THE USAF FROM LIABILITY FOR DAMAGE OR INJURY TO PERSON OR PROPERTY CAUSED BY FALLING AIRCRAFT OR FALLING PHYSICAL OBJECTS FROM AIRCRAFT, EXCEPT AS STATED HEREIN WITH RESPECT TO NOISE, FUMES, DUST, FUEL, AND LUBRICANT PARTICLES.
- WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION HEREBY AGREES TO INDEMNIFY, DEFEND, AND HOLD HARMLESS THE CITY OF SURPRISE FROM ANY AND ALL CLAIMS FOR DAMAGES OF ANY KIND TO PERSONS OR PROPERTY THAT MAY ARISE IN CONNECTION WITH THE USE OF THE SIDEWALKS LOCATED WITHIN THE RIGHT-OF-WAY, UNTIL SUCH TIME THE CITY OF SURPRISE HAS ACCEPTED THE SIDEWALKS.

PUBLIC NOTICE

THE LOTS DEPICTED ON THIS PLAT ARE LOCATED WITHIN THE VICINITY OF LUKE AIR FORCE BASE AND MAY BE SUBJECT TO OVERFLIGHTS BY JET AIRCRAFT. ALL STRUCTURES WITHIN THIS PLAT SHALL BE CONSTRUCTED IN COMPLIANCE WITH THE SOUND ATTENUATION STANDARDS ADOPTED BY THE CITY OF SURPRISE. A MAP DEPICTING THE MOST CURRENT ADOPTED MAG NOISE CONTOURS IN RELATION TO THIS PLAT SHALL BE DISPLAYED IN ALL SALES OFFICES. ADDITIONAL INFORMATION MAY BE OBTAINED BY CONTACTING THE CITY OF SURPRISE COMMUNITY DEVELOPMENT DEPARTMENT.

100 YEAR ASSURED WATER SUPPLY LANGUAGE

THE AREA PLATTED HEREON LIES WITHIN THE DOMESTIC WATER SERVICE AREA OF CITY OF SURPRISE, AWS NO. 2010-012, WHICH IS DESIGNATED AS HAVING AN ASSURED WATER SUPPLY PURSUANT A.R.S. § 45-576.

GENERAL NOTES

- IN ACCORDANCE WITH A.R.S. § 9-461.07, THE CITY OF SURPRISE HAS DETERMINED THAT ALL DEDICATIONS OCCURRING WITH THIS PLAT ARE IN CONFORMANCE WITH THE CITY OF SURPRISE GENERAL PLAN.
- PURSUANT TO A.R.S. § 42-11102, THE CITY OF SURPRISE, A POLITICAL SUBDIVISION OF THE STATE OF ARIZONA, IS EXEMPT FROM ALL TAXES AND ASSESSMENTS BASED ON ASSESSED VALUE EXCEPT FOR SPECIAL DISTRICTS #14751 AND #14710, WHEN APPLICABLE.
- THE PROPERTY OWNERS, OR ANY SUBSEQUENT OWNERS SHALL NOT PROCEED WITH ANY ON SITE GRADING OR EXCAVATION WITHOUT FIRST OBTAINING A PERMIT FROM THE CITY OF SURPRISE.
- OWNER OF TRACT IS RESPONSIBLE FOR ONSITE DRAINAGE MAINTENANCE.
- HAPPY VALLEY ROAD WILL BECOME A 6 LANE MAJOR ARTERIAL AT SOME FUTURE POINT.
- SPRINKLERS ARE REQUIRED IN ALL ONE AND TWO FAMILY DWELLINGS BUILT IN AREAS WHICH DO NOT HAVE AN ADEQUATE WATER SUPPLY OF 2000 GPM @ 2 HOURS @ 20 PSI RESIDUAL.
- THIS FINAL PLAT IS IN SUBSTANTIAL CONFORMANCE WITH THE PRELIMINARY PLAT APPROVED BY THE CITY OF SURPRISE UNDER CASE F515-069.
- A PORTION OF THE PROPERTY IS LOCATED WITHIN THE AREA HAVING FLOOD ZONE "X", BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, ON FLOOD INSURANCE RATE MAPS NO. 04013C1210L AND NO. 04013C1230L, WITH A DATE OF IDENTIFICATION OF OCTOBER 16, 2013, FOR COMMUNITY NO. 040053, IN MARICOPA COUNTY, STATE OF ARIZONA, WHICH IS THE CURRENT FLOOD INSURANCE RATE MAP FOR THE COMMUNITY IN WHICH SAID PROPERTY IS SITUATED, AS MAY BE AMENDED FROM TIME TO TIME.

BASIS OF BEARING

THE WEST-EAST, MID-SECTION LINE OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, OF THE GILA AND SALT RIVER MERIDIAN WHICH BEARS S89°46'48"E A DISTANCE OF 5255.54' THIS POSITION WAS DERIVED FROM THE ESTABLISHED NGS POINTS DV0080 & AJ3867. PROJECT THEN SCALED TO GROUND AT A COMBINED SCALE FACTOR OF 1.00013766895 AND VERIFIED AGAINST GDACS BOOK 834, PG 1. HORIZONTAL ERROR = (0.04') ANGLE ERROR = (00°00'01")

SURVEYOR'S CERTIFICATION

I, JAMES G. SPRING, PLS 22282, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR IN THE STATE OF ARIZONA; THAT THIS PLAT CONSISTING OF FOUR SHEETS REPRESENTS A SURVEY PREPARED UNDER MY SUPERVISION DURING THE MONTH OF JANUARY, 2018; THAT THE SURVEY IS CORRECT AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE EXTERIOR BOUNDARY MONUMENTS ACTUALLY EXIST AS SHOWN AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

JAMES G. SPRING, PLS 22282
ATWELL, LLC
4700 EAST SOUTHERN AVENUE
MESA, ARIZONA 85206



NOTE:
A.R.S. § 32-151 STATES THAT THE USE OF THE WORD "CERTIFY" OR "CERTIFICATION" BY A PERSON OR FIRM THAT IS REGISTERED OR CERTIFIED BY THE BOARD IS AN EXPRESSION OF PROFESSIONAL OPINION REGARDING FACTS OR FINDINGS THAT ARE SUBJECT OF THE CERTIFICATION AND DOES NOT CONSTITUTE AN EXPRESS OR IMPLIED WARRANTY OR GUARANTEE.

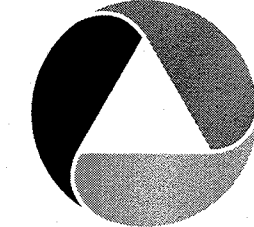


COUNTY: MARICOPA
SECTION: 4
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A17
CITY OF SURPRISE, ARIZONA

JANUARY 2018

REVISIONS:



PM. J. SPRING
DR. R. GILES
JOB NO.
09001944

N.T.S.

08001944 PP ATWELL

SHEET
NO.
1 OF 4

LEGAL DESCRIPTION

A PORTION OF THE SOUTH HALF OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, OF THE GILA AND SALT RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A FOUND 2" MARICOPA COUNTY ALUMINUM CAP STAMPED RLS 35832, ACCEPTED AS THE WEST QUARTER CORNER OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, FROM WHICH A FOUND 3" MARICOPA COUNTY BRASS CAP IN HANDHOLE STAMPED D.O.T. 36770, ACCEPTED AS THE EAST QUARTER CORNER OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, THEREOF BEARS S89°46'48"E A DISTANCE OF 5255.54'

THENCE, ALONG THE WEST-EAST MID-SECTION LINE OF SAID SECTION 4, S89°46'48"E A DISTANCE OF 3072.82 FEET;

THENCE, LEAVING THE WEST-EAST MID-SECTION LINE OF SAID SECTION 4, S00°13'12"W A DISTANCE OF 40.00 FEET TO THE POINT OF BEGINNING

THENCE, S89°46'48"E A DISTANCE OF 407.41 FEET;

THENCE, S44°46'48"E A DISTANCE OF 9.19 FEET;

THENCE, S89°46'48"E A DISTANCE OF 74.00 FEET;

THENCE, N45°13'12"E A DISTANCE OF 9.19 FEET;

THENCE, S89°46'48"E A DISTANCE OF 374.82 FEET;

THENCE, S00°14'26"E A DISTANCE OF 802.62 FEET;

THENCE, S89°45'34"W A DISTANCE OF 123.16 FEET;

THENCE, S00°13'12"W A DISTANCE OF 71.42 FEET;

THENCE, S89°46'48"E A DISTANCE OF 11.51 FEET;

THENCE, S45°29'15"E A DISTANCE OF 158.02 FEET;

THENCE, S00°14'26"E A DISTANCE OF 197.01 FEET;

THENCE, N89°46'48"W A DISTANCE OF 114.42 FEET;

THENCE, S45°13'12"W A DISTANCE OF 16.00 FEET;

THENCE, S00°13'12"W A DISTANCE OF 81.34 FEET TO THE BEGINNING OF A TANGENT CURVE CONCAVE NORTHWEST WITH A RADIUS OF 63.00 FEET;

THENCE, SOUTHWESTERLY ALONG SAID CURVE AN ARC LENGTH OF 98.96 FEET THROUGH A CENTRAL ANGLE OF 90°00'00";

THENCE, S00°14'26"E A DISTANCE OF 24.77 FEET;

THENCE, S89°45'34"W A DISTANCE OF 583.22 FEET;

THENCE, N00°13'12"E A DISTANCE OF 176.53 FEET;

THENCE, N44°46'48"W A DISTANCE OF 16.00 FEET;

THENCE, N89°46'48"W A DISTANCE OF 95.69 FEET;

THENCE, N00°13'12"E A DISTANCE OF 476.00 FEET;

THENCE, N89°46'48"W A DISTANCE OF 92.00 FEET;

THENCE, N00°13'12"E A DISTANCE OF 10.83 FEET TO THE BEGINNING OF A TANGENT CURVE CONCAVE EAST WITH A RADIUS OF 47.00 FEET;

THENCE, NORTHERLY ALONG SAID CURVE AN ARC LENGTH OF 14.23 FEET THROUGH A CENTRAL ANGLE OF 17°20'29" TO THE BEGINNING OF A REVERSE CURVE CONCAVE WEST WITH A RADIUS OF 63.00 FEET;

THENCE, NORTHERLY ALONG SAID REVERSE CURVE AN ARC LENGTH OF 75.85 FEET THROUGH A CENTRAL ANGLE OF 68°59'07";

THENCE, N38°34'34"E A DISTANCE OF 7.14 FEET;

THENCE, N00°13'12"E A DISTANCE OF 190.00 FEET;

THENCE, N38°08'10"W A DISTANCE OF 7.14 FEET TO THE BEGINNING OF A NON-TANGENT CURVE CONCAVE TO THE LEFT;

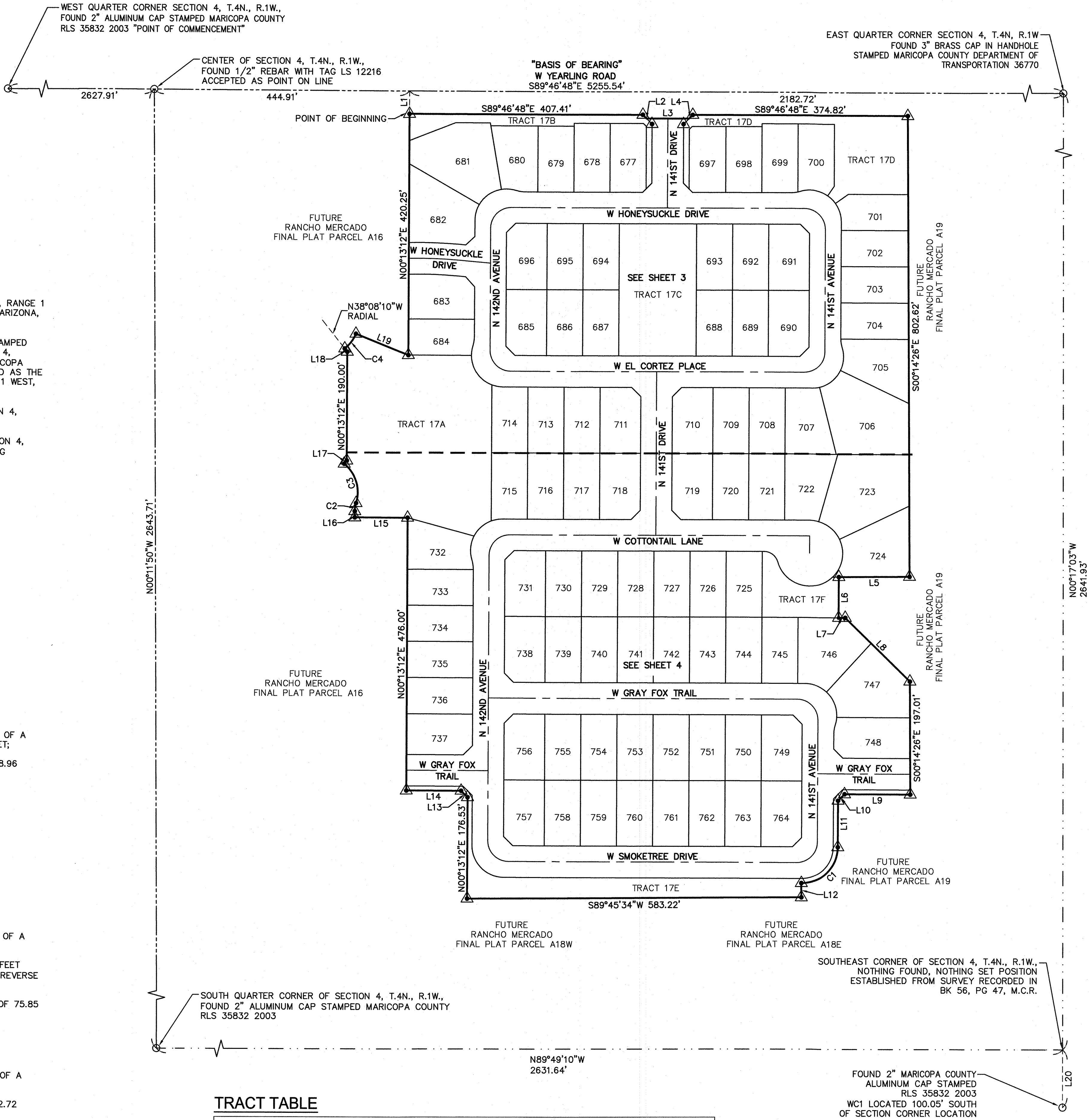
THENCE, NORTHEASTERLY ALONG SAID CURVE AN ARC LENGTH OF 32.72 FEET, WITH A RADIUS OF 63.00 FEET AND THE RADIAL BEARING OF N38°08'10"W AND A CENTRAL ANGLE OF 29°45'42";

THENCE, S67°53'52"E A DISTANCE OF 98.65 FEET;

THENCE, N00°13'12"E A DISTANCE OF 420.25 FEET TO THE POINT OF BEGINNING.

CITY OF SURPRISE CASE ZONING

DEVELOPMENT STANDARDS ARE PER CITY OF SURPRISE ZONING CASE FS10-210 OR AS SUBSEQUENTLY AMENDED.



LEGEND

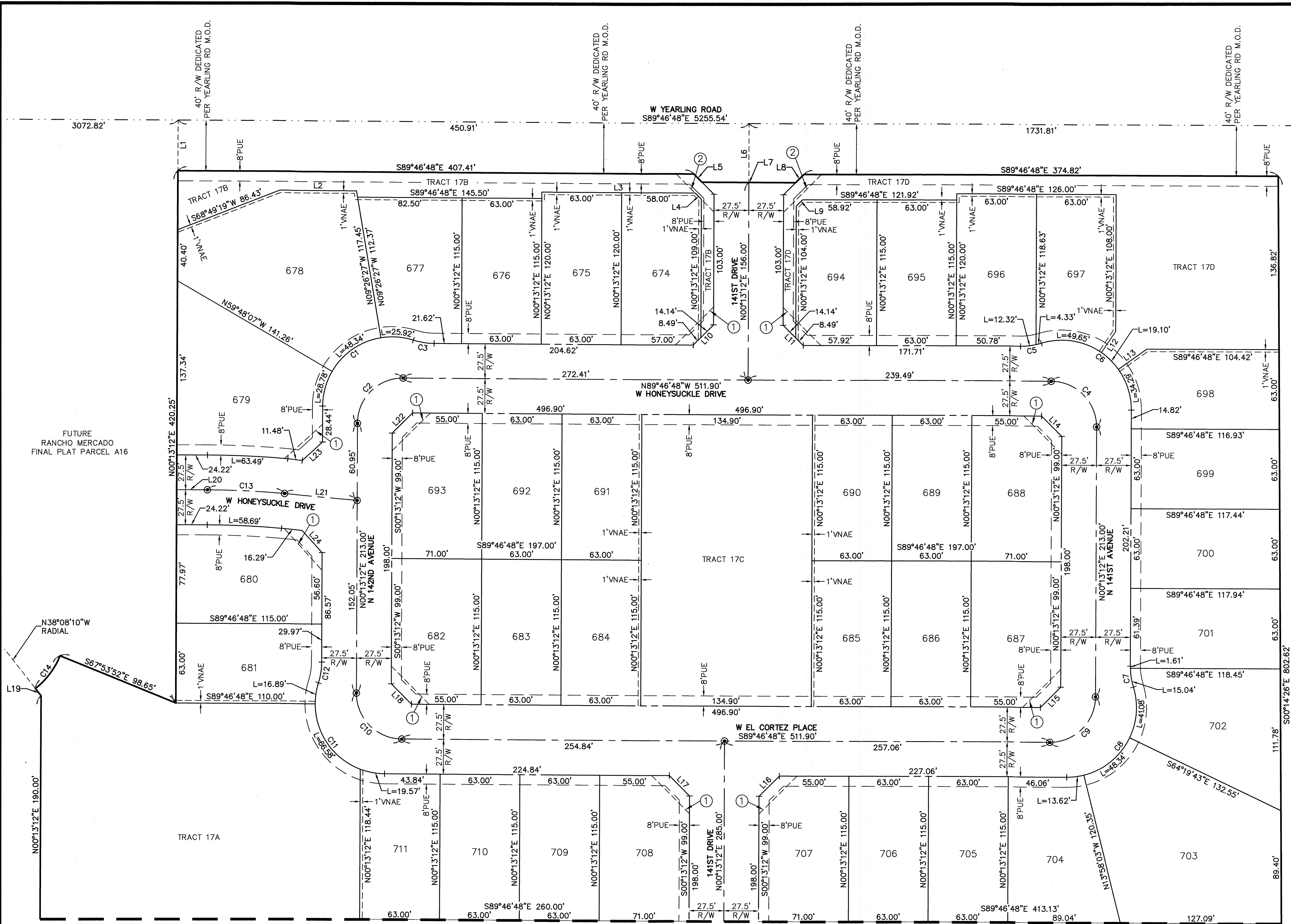
- SUBDIVISION BOUNDARY
- RIGHT OF WAY LINE
- EXISTING RIGHT OF WAY LINE
- CENTERLINE
- EXISTING EASEMENT LINE
- PROPOSED EASEMENT LINE
- SECTION LINE
- ALIQUOT SECTION LINE
- SUBDIVISION CORNER TO BE SET
- FOUND MONUMENT AS NOTED
- CENTERLINE MONUMENT (TO BE SET BY CITY OF SURPRISE STANDARDS)
- 30'x30' SIGHT VISIBILITY EASEMENT
- 40'x40' SIGHT VISIBILITY EASEMENT
- VEHICULAR NON-ACCESS EASEMENT
- PUBLIC UTILITY EASEMENT
- MAP OF DEDICATION
- RIGHT-OF-WAY
- FRONT BUILDING SETBACK LINE
- DELTA
- CURVE TABLE NUMBER
- LINE TABLE NUMBER
- RADIAL BEARING
- FINAL PLAT

LINE TABLE		
LINE #	DIRECTION	LENGTH
L1	S00°13'12"W	40.00'
L2	S44°46'48"E	9.19'
L3	S89°46'48"E	74.00'
L4	N45°13'12"E	9.19'
L5	S89°45'34"W	123.16'
L6	S00°13'12"W	71.42'
L7	S89°46'48"E	11.51'
L8	S45°29'15"E	158.02'
L9	N89°46'48"W	114.42'
L10	S45°13'12"W	16.00'
L11	S00°13'12"W	81.34'
L12	S00°14'26"E	24.77'
L13	N44°46'48"W	16.00'
L14	N89°46'48"W	95.69'
L15	N89°46'48"W	92.00'
L16	N00°13'12"E	10.83'
L17	N38°34'34"E	7.14'
L18	N38°08'10"W	7.14'
L19	S67°53'52"E	98.65'
L20	N00°01'03"E	100.05'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C1	98.96'	63.00'	090°00'00"
C2	14.23'	47.00'	017°20'29"
C3	75.85'	63.00'	068°59'07"
C4	32.72'	63.00'	029°45'42"

TRACT TABLE

PARCEL TABLE			
TRACT	AREA SQ FT	AREA ACRES	USAGE
TRACT 17A	73174	1.680	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE
TRACT 17B	9324	0.214	OPEN SPACE, DRAINAGE AND PUE
TRACT 17C	31028	0.712	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE
TRACT 17D	23486	0.539	OPEN SPACE, DRAINAGE, RECREATION AND PUE
TRACT 17E	25672	0.589	OPEN SPACE, DRAINAGE, RECREATION AND PUE
TRACT 17F	9850	0.226	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE
TOTAL	172534	3.961	



LOT TABLE\WIDTH BASED ON FBSL				LOT TABLE\WIDTH BASED ON FBSL				LOT TABLE\WIDTH BASED ON FBSL			
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
674	7530	0.173	63.0'	687	8037	0.185	67.0'	700	7414	0.170	63.0'
675	7560	0.174	63.0'	688	8037	0.185	67.0'	701	7446	0.171	63.0'
676	7245	0.166	63.0'	689	7245	0.166	63.0'	702	9742	0.224	61.5'
677	8238	0.189	66.2'	690	7245	0.166	63.0'	703	17014	0.391	58.9'
678	15507	0.356	58.9'	691	7245	0.166	63.0'	704	8576	0.197	62.6'
679	12100	0.278	74.5'	692	7245	0.166	63.0'	705	7245	0.166	63.0'
680	8662	0.199	69.7'	693	8037	0.185	67.0'	706	7245	0.166	63.0'
681	7162	0.164	63.5'	694	7321	0.168	63.9'	707	8037	0.185	67.0'
682	8037	0.185	67.0'	695	7245	0.166	63.0'	708	8037	0.185	67.0'
683	7245	0.166	63.0'	696	7554	0.173	63.2'	709	7245	0.166	63.0'
684	7245	0.166	63.0'	697	7382	0.169	60.5'	710	7245	0.166	63.0'
685	7245	0.166	63.0'	698	7443	0.171	56.6'	711	7267	0.167	63.3'
686	7245	0.166	63.0'	699	7382	0.169	63.0'				

MATCH SHEET 4

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L1	S00°13'12"W	40.00'	L13	N54°29'56"E	27.53'
L2	S89°46'48"E	60.59'	L14	N44°46'48"W	22.63'
L3	S89°46'48"E	121.00'	L15	N45°13'12"E	22.63'
L4	S44°46'48"E	7.07'	L16	N45°13'12"E	22.63'
L5	S44°46'48"E	9.19'	L17	S44°46'48"E	22.63'
L6	N00°13'12"E	46.50'	L18	N44°46'48"W	22.63'
L7	S89°46'48"E	74.00'	L19	N38°08'10"W	7.14'
L8	N45°13'12"E	9.19'	L20	S89°46'48"E	24.22'
L9	N45°13'12"E	7.07'	L21	S84°46'48"E	57.49'
L10	S45°13'12"W	22.63'	L22	N45°13'12"E	22.63'
L11	S44°46'48"E	22.63'	L23	N47°43'12"E	21.62'
L12	S34°36'20"W	20.13'	L24	S42°16'48"E	23.59'

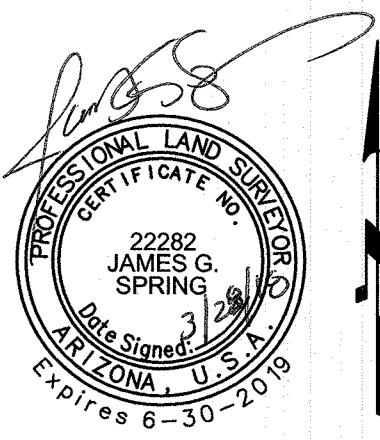
CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C1	103.04'	55.00'	107°20'29"
C2	56.55'	36.00'	090°00'00"
C3	16.65'	55.00'	017°20'29"
C4	56.55'	36.00'	090°00'00"
C5	16.65'	55.00'	017°20'29"
C6	103.04'	55.00'	107°20'29"
C7	15.04'	56.37'	015°17'21"
C8	103.04'	55.00'	107°20'29"
C9	56.55'	36.00'	090°00'00"
C10	56.55'	36.00'	090°00'00"
C11	103.04'	55.00'	107°20'29"
C12	16.65'	55.00'	017°20'29"
C13	61.09'	700.00'	005°00'00"
C14	32.72'	63.00'	029°45'42"

FUTURE
RANCHO MERCADO
FINAL PLAT PARCEL A19

CURVE TABLE				CURVE TABLE				CURVE TABLE				CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA	CURVE #	LENGTH	RADIUS	DELTA	CURVE #	LENGTH	RADIUS	DELTA	CURVE #	LENGTH	RADIUS	DELTA
C15	75.85'	63.00'	068°59'07"	C19	56.55'	36.00'	090°00'00"	C23	98.96'	63.00'	090°00'00"	C27	56.55'	36.00'	090°00'00"
C16	14.23'	47.00'	017°20'29"	C20	32.36'	25.00'	074°10'24"	C24	86.39'	55.00'	090°00'00"	C28	103.04'	55.00'	107°20'29"
C17	16.65'	55.00'	017°20'29"	C21	56.55'	36.00'	090°00'00"	C25	56.55'	36.00'	090°00'00"				
C18	103.04'	55.00'	107°20'29"	C22	86.39'	55.00'	090°00'00"	C26	16.65'	55.00'	017°20'29"				

LOT TABLE\WIDTH BASED ON FBSL			
LOT	AREA SQ FT	AREA ACRES	WIDTH
712	7267	0.167	63.3'
713	7245	0.166	63.0'
714	7245	0.166	63.0'
715	8037	0.185	67.0'
716	8037	0.185	67.0'
717	7245	0.166	63.0'
718	7245	0.166	63.0'
719	8712	0.200	62.5'
720	17082	0.392	59.2'
721	11447	0.263	75.1'
722	7245	0.166	63.0'
723	7245	0.166	63.0'
724	7245	0.166	63.0'
725	7245	0.166	63.0'
726	7245	0.166	63.0'
727	7245	0.166	63.0'
728	8037	0.185	63.0'
729	8407	0.193	63.3'
730	7245	0.166	63.0'
731	7245	0.166	63.0'
732	7245	0.166	63.0'
733	7245	0.166	63.0'
734	8037	0.185	67.0'
735	8037	0.185	67.0'
736	7245	0.166	63.0'
737	7245	0.166	63.0'
738	7245	0.166	63.0'
739	7245	0.166	63.0'
740	7245	0.166	63.0'
741	7245	0.166	63.0'
742	7245	0.166	63.0'
743	11625	0.267	62.4'
744	12661	0.291	59.2'
745	9246	0.212	67.5'
746	8037	0.185	67.0'
747	7245	0.166	63.0'
748	7245	0.166	63.0'
749	7245	0.166	63.0'
750	7245	0.166	63.0'
751	7245	0.166	63.0'
752	7245	0.166	63.0'
753	8037	0.185	67.0'
754	8037	0.185	63.0'
755	7245	0.166	63.0'
756	7245	0.166	63.0'
757	7245	0.166	63.0'
758	7245	0.166	63.0'
759	7245	0.166	63.0'
760	7245	0.166	63.0'
761	8037	0.185	67.0'

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L25	S38°34'34"W	7.14'	L35	S45°13'12"W	16.00'
L26	N00°13'12"E	10.83'	L36	S00°13'12"W	81.34'
L27	N45°13'12"E	22.63'	L37	S45°13'12"W	22.63'
L28	S45°13'12"W	22.63'	L38	S00°14'26"E	24.77'
L29	N44°46'48"W	22.63'	L39	N44°46'48"W	22.63'
L30	S00°13'12"W	30.00'	L40	N44°46'48"W	16.00'
L31	S89°46'48"E	11.51'	L41	S44°46'48"E	22.63'
L32	S44°46'48"E	22.63'	L42	N45°13'12"E	22.63'
L33	S44°46'48"E	22.63'	L43	N45°13'12"E	22.63'
L34	N45°13'12"E	22.63'	L44	N44°46'48"W	22.63'

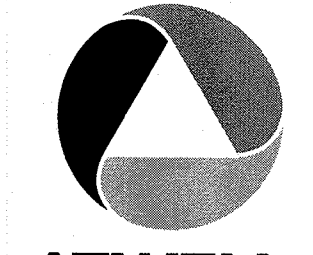


COUNTY: MARICOPA
SECTION: 4
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A17
CITY OF SURPRISE, ARIZONA

JANUARY 2018

REVISIONS:



PM. J. SPRING
DR. R. GILES
JOB NO. 09001944
SCALE 0 20 40
1" = 40 FEET
09001944.FP.A17.DWG
SHEET NO. 4 OF 4

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K:\09001944.dwg Survey\Final Plat\017\09001944.FP.A17.dwg Savedate: 3/28/2018 1:00 PM Plotdate: 3/28/2018 1:04 PM



Rancho Mercado

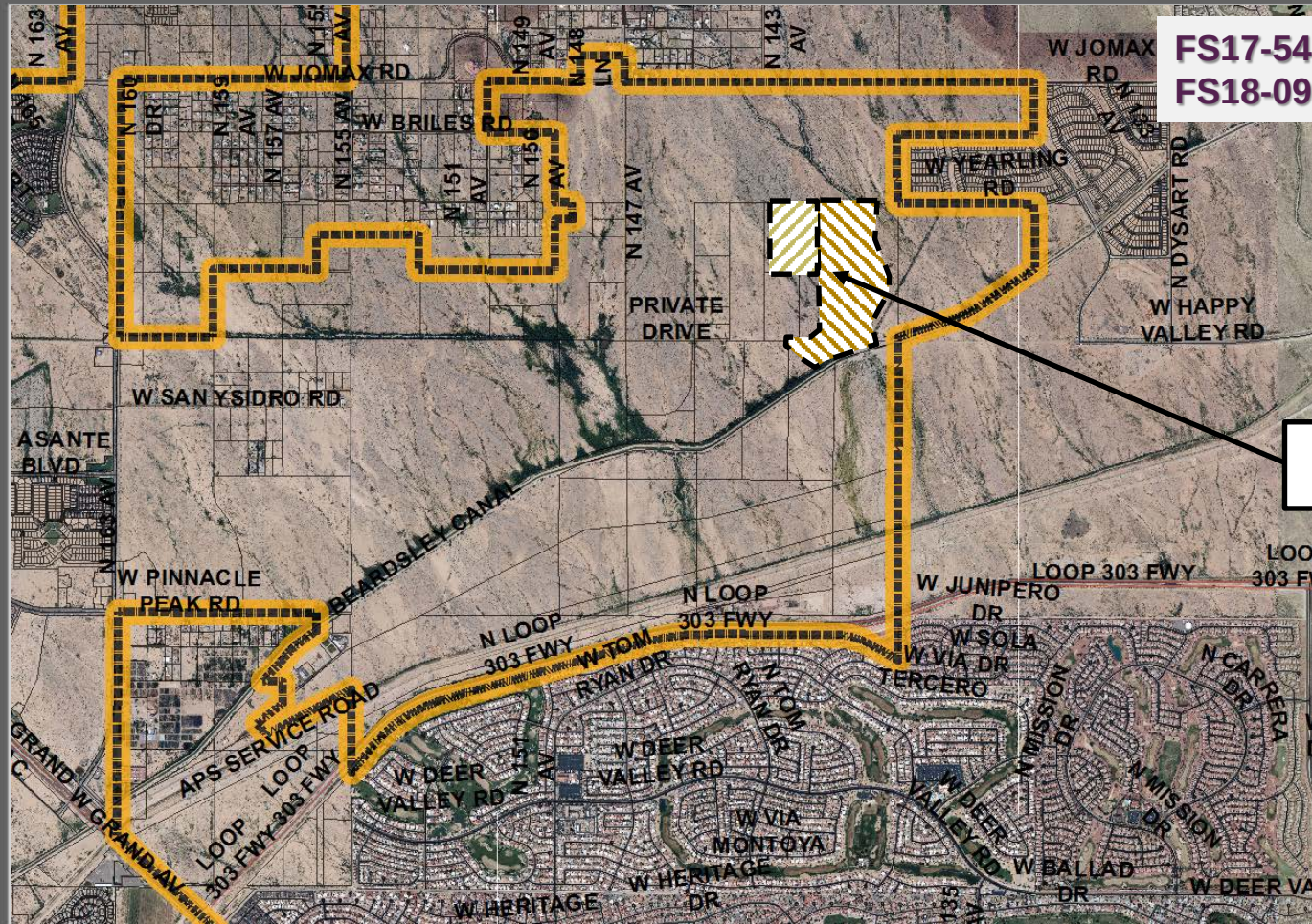
FS17-546 Parcel A17 Final Plat
FS18-093 Parcel A19 Final Plat

City Council
November 6, 2018

Vicinity Map



FS17-546 Parcel A17 Final Plat
FS18-093 Parcel A19 Final Plat



Subject Site

Case Map



North



A PORTION OF THE SOUTH HALF OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, OF THE GILA AND SALT RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

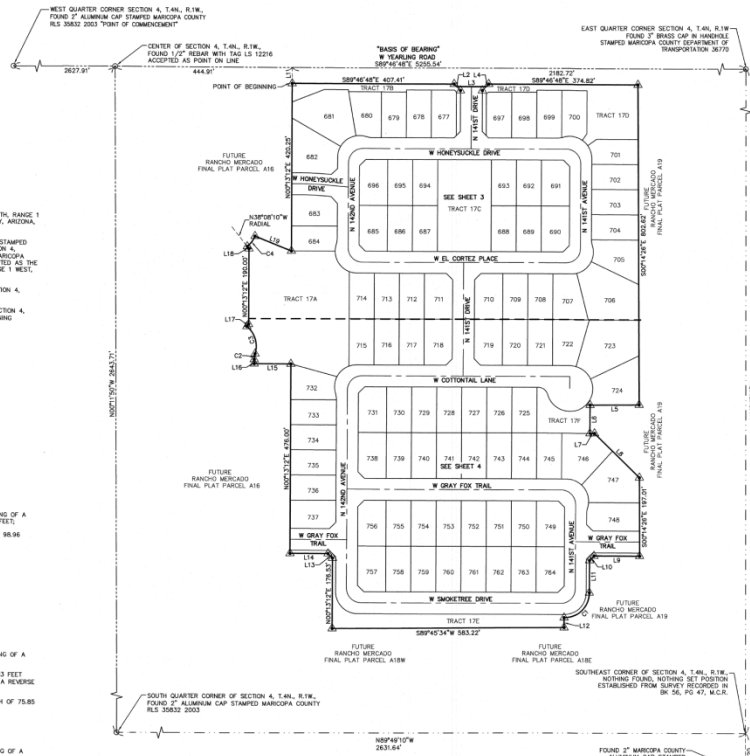
COMMENCING AT AROUND 2" MARICOPA COUNTY ALUMINUM CAP STAMPED RLS 35832, ACCEPTED AS THE WEST QUARTER CORNER OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, FROM WHICH A FOUND 3" MARICOPA COUNTY BRASS CAP IN HANDHOLE STAMPED D.O.T. 36770, ACCEPTED AS THE EAST QUARTER CORNER OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, THEREOF BEARS S89°46'48"E A DISTANCE OF 5250.54'

THENCE, ALONG THE WEST-EAST MID-SECTION LINE OF SAID SECTION 4, S89°46'48"E A DISTANCE OF 3072.82 FEET;

THERE, S88°W1/2°E A DISTANCE OF 10.741 FEET;
 THENCE, S44°W4°E A DISTANCE OF 5.19 FEET;
 THENCE, S88°W4°E A DISTANCE OF 74.00 FEET;
 THENCE, N47°W13/2°E A DISTANCE OF 6.98 FEET;
 THENCE, S88°W4°E A DISTANCE OF 37.842 FEET;
 THENCE, S07°W2°E A DISTANCE OF 102.662 FEET;
 THENCE, S89°W3°E A DISTANCE OF 12.832 FEET;
 THENCE, S08°W1°E A DISTANCE OF 4.00 FEET;
 THENCE, S89°E A DISTANCE OF 11.51 FEET;
 THENCE, S49°W2°E A DISTANCE OF 150.002 FEET;
 THENCE, S07°W2°E A DISTANCE OF 137.01 FEET;
 THENCE, N88°W4°E A DISTANCE OF 114.42 FEET;
 THENCE, S07°W1°W A DISTANCE OF 18.04 FEET;
 THENCE, S07°W1°E A DISTANCE OF 16.00 FEET TO THE BEGINNING OF
 A FAULT CURVE WITH A RADIUS OF 93.00 FEET;
 THENCE, SOUTHWESTERLY ALONG SAID CURVE AN ARC LENGTH OF 98.86
 FEET TO THE BEGINNING OF A FAULT CURVE WITH A RADIUS OF 93.00
 FEET;
 THENCE, S07°W1°E A DISTANCE OF 24.77 FEET;
 THENCE, S88°W4°E A DISTANCE OF 58.32 FEET;
 THENCE, N07°W13/2°E A DISTANCE OF 17.63 FEET;
 THENCE, N4°W4°W A DISTANCE OF 16.00 FEET;
 THENCE, N88°W4°E A DISTANCE OF 95.69 FEET;
 THENCE, N07°W13/2°E A DISTANCE OF 47.00 FEET;
 THENCE, N89°W6°E A DISTANCE OF 90.00 FEET;
 THENCE, N07°W13/2°E A DISTANCE OF 10.83 FEET TO THE BEGINNING OF
 A FAULT CURVE CONCAVE EAST WITH A RADIUS OF 47.00 FEET;
 THENCE, N07°W13/2°E A DISTANCE OF 47.00 FEET TO THE BEGINNING OF
 A FAULT CURVE CONCAVE WEST WITH A RADIUS OF 14.23 FEET
 THROUGH A CENTRAL ANGLE OF 170°20' TO THE BEGINNING OF A
 FAULT CURVE CONCAVE EAST WITH A RADIUS OF 47.00 FEET;
 THENCE, NORTHEASTLY ALONG SAID REVERSE CURVE AN ARC LENGTH OF 75
 FEET TO THE BEGINNING OF A FAULT CURVE WITH A RADIUS OF 93.00 FEET.

THENCE, N00°13'12"E A DISTANCE OF 190.00 FEET;
THENCE, N38°08'10"W A DISTANCE OF 7.14 FEET TO THE BEGINNING OF A
NON-TANGENT CURVE CONCAVE TO THE LEFT;
THENCE, NORTHEASTERLY ALONG SAID CURVE AN ARC LENGTH OF 32.72
FEET, WITH A RADIUS OF 63.00 FEET AND THE RADIAL BEARING OF
N38°08'10"W AND A CENTRAL ANGLE OF 20°45'42";
THENCE, S67°53'32"E A DISTANCE OF 98.65 FEET;
THENCE, N00°13'12"E A DISTANCE OF 420.25 FEET TO THE POINT OF
BEGINNING

DEVELOPMENT STANDARDS ARE PER CITY OF SURPRISE
ZONING CASE FS10-210 OR AS SUBSEQUENTLY AMENDED.



TRACT	AREA SQ FT	AREA ACRES	USAGE
TRACT 17A	73174	1.680	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE
TRACT 17B	9324	0.214	OPEN SPACE, DRAINAGE AND PUE
TRACT 17C	31028	0.712	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE
TRACT 17D	23486	0.539	OPEN SPACE, DRAINAGE, RECREATION AND PUE
TRACT 17E	25672	0.589	OPEN SPACE, DRAINAGE, RECREATION AND PUE
TRACT 17F	9890	0.226	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE
TOTAL	172534	3.961	

	SUBDIVISION BOUNDARY
	RIGHT OF WAY LINE
	EXISTING RIGHT-OF-WAY LINE
	CENTERLINE
	EXISTING EASEMENT LINE
	PROPOSED EASEMENT LINE
	SECTION LINE
	ADJACENT SECTION LINE
	SUBDIVISION CORNER TO BE SET
	FOUND MONUMENT AS NOTED
	CENTERLINE MONUMENT
	TO BE SET BY CITY OF SURPRISE (STANDARDS)
①	30'±0" SIGHT VISIBILITY EASEMENT
②	40'±0" SIGHT VISIBILITY EASEMENT
V.A.C.	VEHICULAR NON-ACCESS EASEMENT
NUD	PUBLIC UTILITY EASEMENT
MAP	MAP OF DEDICATION
R/W	RIGHT-OF-WAY
FBSL	FRONT BUILDING SETBACK LINE
0	DELTA
C1	CURVE TABLE NUMBER
L1	LINE TABLE NUMBER
	RADIAL BEARING
FP	FINAL PLAT

LINE #	DIRECTION
--------	-----------

L1	500°13'12"W	40.00°
L2	544°46'48"E	9.19°
L3	589°46'48"E	74.00°
L4	N45°13'12"E	9.19°
L5	589°45'34"W	123.16°
L6	500°13'12"W	71.42°
L7	589°46'48"E	11.51°
L8	544°29'16"E	158.02°
L9	N89°46'48"W	114.42°
L10	545°13'12"W	16.00°
L11	500°13'12"W	81.34°
L12	500°14'26"E	24.77°
L13	N44°46'48"E	16.00°
L14	N89°46'48"W	95.69°
L15	N89°46'48"W	92.60°
L16	500°13'12"E	10.83°
L17	N38°34'34"E	7.14°
L18	N38°08'10"W	7.14°
L19	567°53'52"E	98.65°
L20	N00°01'03"E	100.05°

CURVE #	LENGTH	RADIUS
---------	--------	--------

C1	98.96°	63.00°	090°00'00"
C2	14.23°	47.00°	017°20'29"
C3	75.85°	63.00°	068°59'00"
C4	32.72°	63.00°	029°45'45"



ATWELL
866.850.4200 www.atwell-group.com
4700 E. 500 NORTH AVENUE

FINAL PLAT	COUNTY: MARICOPA
ANCHO MERCADO	SECTION: 4
PARCEL A17	TOWNSHIP: 4 NORTH
CITY OF SUPIRE, ARIZONA	

JANUARY 2018

REVISIONS:

ATWELL

PM.	J. SPRING
DR.	R. GILES

SCALE 0 50
m

1" = 100 FEET

SHEET NO.

FS17-546 Parcel A17 Final Plat



COUNTY: MARICOPA
SECTION: 4
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A17
CITY OF SURPRISE, ARIZONA

JANUARY 2018

REVISIONS:



PM: J. SPRING

DR: R. GILES

09001944

1" = 40 FEET

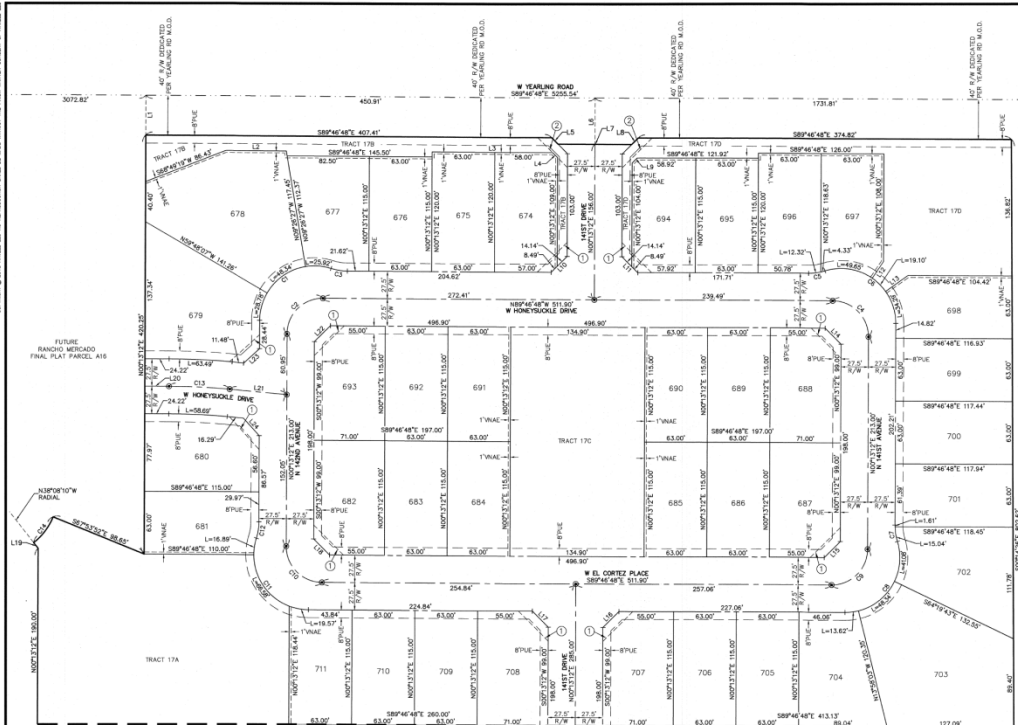
WORTH P. GORE

BEST

3 OF 4

LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L1	S89°45'48"E	40.00	L13	N54°29'38"E	27.53
L2	S89°46'48"E	60.59	L14	N44°46'48"E	22.63
L3	S89°46'48"E	121.00	L15	N44°33'32"E	22.63
L4	S44°46'48"E	7.07	L16	N44°33'32"E	22.63
L5	S44°46'48"E	9.19	L17	S44°46'48"E	22.63
L6	N00°33'32"E	46.50	L18	N44°46'48"E	22.63
L7	S89°46'48"E	74.00	L19	N38°08'10"E	7.14
L8	N40°33'32"E	9.19	L20	S89°46'48"E	24.27
L9	N40°33'32"E	7.07	L21	S89°46'48"E	37.46
L10	S40°33'32"E	22.63	L22	N47°43'32"E	22.63
L11	S44°46'48"E	22.63	L23	N47°43'32"E	21.63
L12	S34°30'20"E	20.15	L24	S42°16'48"E	23.99

CURVE #	LENGTH	RADIUS	DELTA
C1	103.04	55.00	10°29'28"
C2	56.50	36.00	38°09'00"
C3	16.60	55.00	38°29'28"
C4	56.50	36.00	38°09'00"
C5	16.60	55.00	38°29'28"
C6	103.04	55.00	10°29'28"
C7	15.04	56.50	38°09'00"
C8	103.04	55.00	10°29'28"
C9	56.50	36.00	38°09'00"
C10	56.50	36.00	38°09'00"
C11	103.04	55.00	10°29'28"
C12	16.60	55.00	38°29'28"
C13	61.09	705.00	38°09'00"
C14	22.72	63.00	33°04'42"



LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
674	7330	0.173	63.0'	687	8037	0.185	67.0'	700	7474	0.170	63.0'
676	7360	0.174	63.0'	688	8037	0.185	67.0'	701	7446	0.171	63.0'
678	7245	0.166	63.0'	689	7245	0.166	63.0'	702	9742	0.224	61.0'
677	8236	0.189	66.3'	690	7245	0.166	63.0'	703	17014	0.391	56.9'
678	19007	0.436	56.4'	691	7245	0.166	63.0'	704	4976	0.117	62.4'
679	12002	0.278	74.0'	692	7245	0.166	63.0'	705	7245	0.166	63.0'
680	8662	0.199	69.7'	693	8037	0.185	67.0'	706	7245	0.166	63.0'
681	7162	0.164	63.0'	694	7321	0.168	63.4'	707	8037	0.185	67.0'
682	8037	0.185	67.0'	695	7245	0.166	63.0'	708	8037	0.185	67.0'
683	7245	0.166	63.0'	696	7354	0.173	63.7'	709	7245	0.166	63.0'
684	7245	0.166	63.0'	697	7382	0.169	60.5'	710	7245	0.166	63.0'
685	7245	0.166	63.0'	698	7443	0.171	56.8'	711	7267	0.167	63.3'
696	7245	0.166	63.0'	699	7382	0.169	63.0'				

ATWELL & ASSOCIATES, INC. 10000 N. 10TH AVENUE, SUITE 100, SURPRISE, ARIZONA 85079-4000
 J. SPRING, Surveyor, State of Arizona, License No. 123456789
 R. GILES, Draftsman, License No. 987654321
 1" = 40 FEET
 WORTH P. GORE
 BEST
 3 OF 4

FS17-546 Parcel A17 Final Plat



ATWELL
www.atwell.com
1000 N. GILBERT AVENUE
SUITE 100
TAMPA, FL 33604

COUNTY: MARICOPA

SECTION: 4

TOWNSHIP: 4 NORTH

RANGE: 1 WEST

FINAL PLAT

RANCHO MERCADO

PARCEL A17

CITY OF SURPRISE, ARIZONA

JANUARY 2018

REVISIONS:



PM: J. SPRING

DR: R. GILES

JOB NO: 09001944

SCALE: 1" = 40 FEET

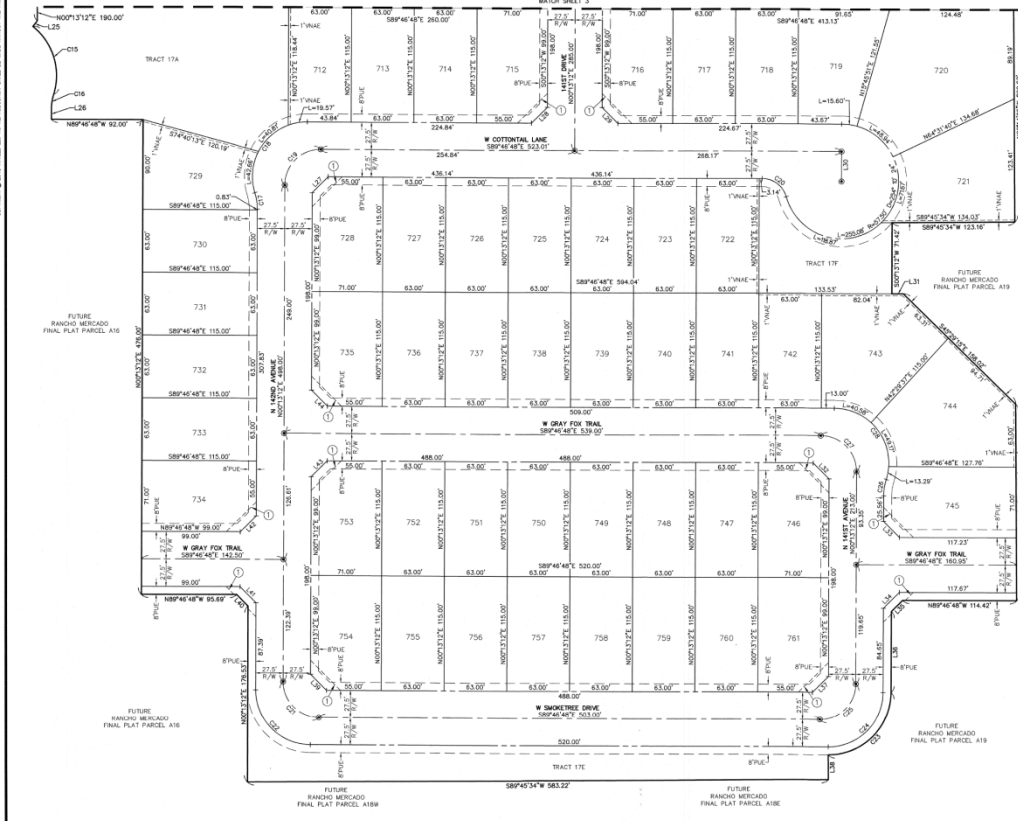
SHOW IF CLOSE

SHEET NO.

4 OF 4

CURVE TABLE				CURVE TABLE				CURVE TABLE				CURVE TABLE				CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA	CURVE #	LENGTH	RADIUS	DELTA	CURVE #	LENGTH	RADIUS	DELTA	CURVE #	LENGTH	RADIUS	DELTA	CURVE #	LENGTH	RADIUS	DELTA
C15	75.85'	63.00'	080°50'00"	C19	56.55'	36.00'	080°50'00"	C23	98.94'	63.00'	080°50'00"	C27	56.55'	36.00'	080°50'00"	C31	103.04'	55.00'	107°20'29"
C16	14.25'	47.00'	017°20'29"	C20	32.34'	25.00'	074°07'24"	C24	86.39'	55.00'	080°50'00"	C28	103.04'	55.00'	107°20'29"	C32	16.85'	25.00'	017°20'29"
C17	16.85'	55.00'	017°20'29"	C21	56.55'	36.00'	080°50'00"	C25	56.55'	36.00'	080°50'00"	C29	103.04'	55.00'	107°20'29"	C33	16.85'	25.00'	017°20'29"
C18	103.04'	55.00'	107°20'29"	C22	86.39'	55.00'	080°50'00"	C26	16.85'	25.00'	017°20'29"	C30	103.04'	55.00'	107°20'29"	C34	16.85'	25.00'	017°20'29"

MATCH SHEET 3



LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L25	S38°34'34"W	7.14'	L35	S45°13'12"W	16.00'
L26	N02°13'12"E	10.83'	L36	S00°13'12"W	81.34'
L27	N45°13'12"E	22.63'	L37	S45°13'12"W	22.63'
L28	S45°13'12"W	22.63'	L38	S00°14'26"E	24.77'
L29	N44°40'48"W	22.63'	L39	N44°40'48"W	22.63'
L30	S00°13'12"W	30.00'	L40	N44°40'48"W	16.00'
L31	S89°54'30"E	11.51'	L41	S44°40'48"E	22.63'
L32	S44°40'48"E	22.63'	L42	N45°13'12"E	22.63'
L33	S44°40'48"E	22.63'	L43	N45°13'12"E	22.63'
L34	N45°13'12"E	22.63'	L44	N44°40'48"W	22.63'



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A:\2018\18-0001944\18-0001944.dwg 1/11/2018 10:00 AM

FS18-096 Parcel A19 Final Plat

LEGAL DESCRIPTION

A PORTION OF THE SOUTHEAST QUARTER OF SECTION 4 AND THE NORTHEAST QUARTER OF SECTION 9, TOWNSHIP 4 NORTH, RANGE 1 WEST, OF THE DELTA AND SALT RIVER BASIN AND MORGAN MARQUICHO, ARIZONA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCEMENT AT A FOUND 2" ALUMINUM CAP STAMPED MARICOPA COUNTY RLS 30623 2003, ACQUIRED AS THE WEST QUARTER CORNER OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, FROM THE PUBLIC BUREAU OF LAND MANAGEMENT, STAMPED MARICOPA COUNTY DEPARTMENT OF TRANSPORTATION 30770, ACQUIRED AS THE EAST QUARTER CORNER OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, THEREOF BEARS 58°46'48"E A DISTANCE OF 5055.54'

THENCE, ALONG THE WEST-EAST MID-SECTION LINE OF SAID SECTION 4, 58°46'48"E A DISTANCE OF 384.18 FEET;

THENCE LEAVING THE WEST-EAST MID-SECTION LINE OF SAID SECTION 4, 90°00'00" A DISTANCE OF 45.00 FEET TO THE POINT OF BEGINNING;

THENCE, 58°46'48"E A DISTANCE OF 110.15 FEET;

THENCE, 58°46'48"E A DISTANCE OF 8.19 FEET;

THENCE, 58°46'48"E A DISTANCE OF 74.00 FEET;

THENCE, 58°46'48"E A DISTANCE OF 9.16 FEET;

THENCE, 58°46'48"E A DISTANCE OF 835.18 FEET;

THENCE, 50°02'02"W A DISTANCE OF 388.86 FEET;

THENCE, 50°48'28"W A DISTANCE OF 308.80 FEET;

THENCE, 50°25'05"E A DISTANCE OF 50.61 FEET;

THENCE, 51°53'24"E A DISTANCE OF 368.85 FEET;

THENCE, 50°07'02"E A DISTANCE OF 250.67 FEET;

THENCE, 52°17'41"W A DISTANCE OF 656.11 FEET;

THENCE, 50°07'02"E A DISTANCE OF 148.77 FEET;

THENCE, 51°34'27"E A DISTANCE OF 262.81 FEET;

THENCE, 51°12'50"W A DISTANCE OF 728.62 FEET TO THE BEGINNING OF A TANGENT CURVE CONCAVE TO THE LEFT;

THENCE, SOUTHWESTERLY ALONG SAID CURVE AN ARC LENGTH OF 385.1 FEET, WITH A RADIUS OF 1768.6 FEET AND A CENTRAL ANGLE OF 10°25'20";

THENCE, 58°05'20"W A DISTANCE OF 83.61 FEET;

THENCE, 50°05'20"W A DISTANCE OF 350.43 FEET TO THE BEGINNING OF A TANGENT CURVE CONCAVE TO THE LEFT;

THENCE, NORTHWESTERLY ALONG SAID CURVE AN ARC LENGTH OF 278.81 FEET, WITH A RADIUS OF 1768.6 FEET AND A CENTRAL ANGLE OF 10°25'20";

THENCE, 58°05'20"W A DISTANCE OF 83.61 FEET;

THENCE, 58°05'20"W A DISTANCE OF 83.61 FEET;

THENCE, NORTHWESTERLY ALONG SAID CURVE AN ARC LENGTH OF 78.36 FEET, WITH A RADIUS OF 1768.6 FEET AND A CENTRAL ANGLE OF 10°25'20";

THENCE, 58°05'20"W A DISTANCE OF 83.61 FEET;

THENCE, 58°05'20"W A DISTANCE OF 83.61 FEET;

THENCE, 58°05'20"W A DISTANCE OF 83.61 FEET;

THENCE, 58°05'20"W A DISTANCE OF 83.61 FEET;

THENCE, 58°05'20"W A DISTANCE OF 83.61 FEET;

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THENCE, 58°05'20"W A DISTANCE OF 83.61 FEET;

THENCE, 58°05'20"W A DISTANCE OF 83.61 FEET;

THENCE, 58°05'20"W A DISTANCE OF 83.61 FEET;

TRACT TABLE

TRACT	AREA SQ FT	AREA ACRES	USAGE
TRACT 180	16029	4.252	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, WATER & SEWER EASEMENT, WELL, STORAGE, TRAIL, OUTFLOW EASEMENT, MULTI-USE TRAIL AND PUE
TRACT 181	27128	6.222	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE
TRACT 182	8859	2.024	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION, MULTI-USE TRAIL AND PUE
TRACT 183	8857	1.807	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE
TRACT 184	1764	0.404	OPEN SPACE, DRAINAGE AND PUE
TRACT 185	5382	0.124	OPEN SPACE, DRAINAGE AND PUE
TRACT 186	24488	7.002	MULTI-USE TRAIL, DRAINAGE, RECREATION, WATER & SEWER EASEMENT AND PUE
TRACT 189	842653	19.340	604 WASH, DRAINAGE, WATER & SEWER EASEMENT AND PUE
TOTAL	1728703	39.640	

LEGEND

- SUBDIVISION BOUNDARY
- RIGHT OF WAY LINE
- EXISTING RIGHT OF WAY LINE
- CENTERLINE
- EXISTING EASEMENT LINE
- PROPOSED EASEMENT LINE
- SECTION LINE
- ALIGNED SECTION LINE
- ▲ SUBDIVISION CORNER TO BE SET
- FOUND MONUMENT AS NOTED
- CENTERLINE MONUMENT (TO BE SET BY CITY OF SURPRISE STANDARDS)
- ① 30/30' SHORT VISIBILITY EASEMENT
- ② 40/40' SHORT VISIBILITY EASEMENT
- ③ VEHICULAR NON-ACCESS EASEMENT
- ④ PUBLIC UTILITY EASEMENT
- M.O.D. MAP OF DEDICATION
- R/W RIGHT-OF-WAY
- PBL FRONT BUILDING SETBACK LINE
- S DELTA
- CI CURVE TABLE NUMBER
- LI LINE TABLE NUMBER
- RD RADIAL BEARING
- PP FINAL PLAT

CITY OF SURPRISE CENSUS ZONING

DEVELOPMENT STANDARDS ARE PER CITY OF SURPRISE ZONING CASE FS10-210 OR AS SUBSEQUENTLY AMENDED.



COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS



PL: 0 SPRING
OR: R. GLETS
R. GLETS
D0001944

SCALE: 1" = 200 FEET

BOOK # 1508

SHEET 10

2 OF 10

FS18-096 Parcel A19 Final Plat



COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS



PL: J. SPRING
DR: R. GILES
JOB NO:
09001944

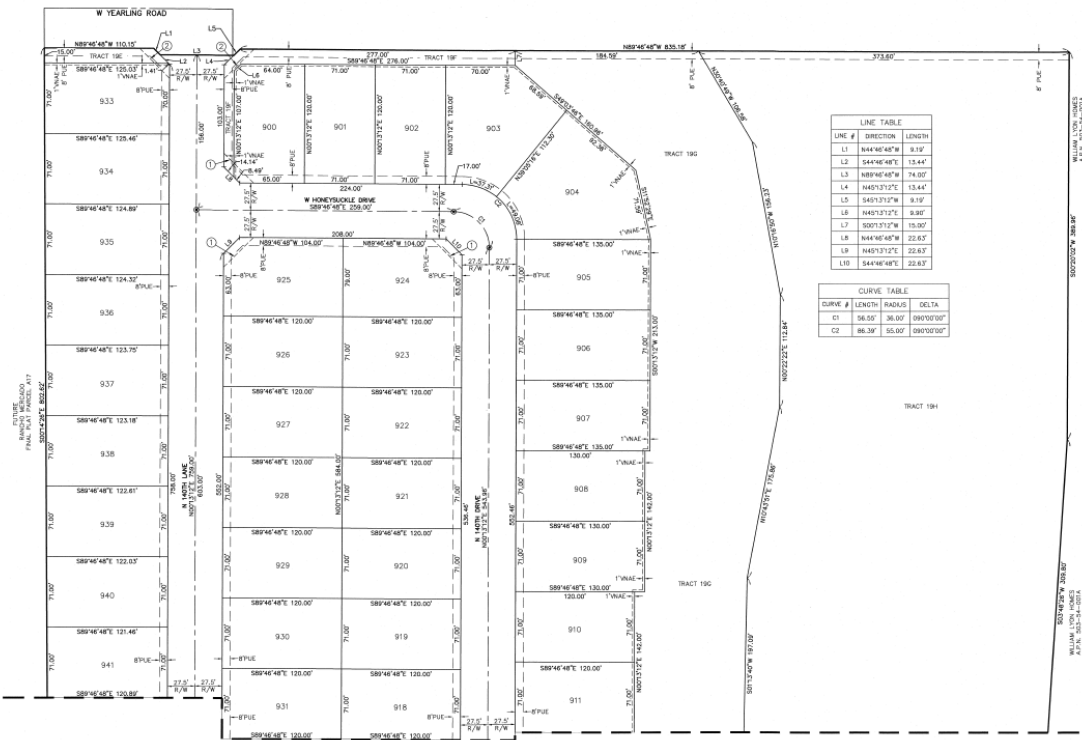
SCALE
1" = 40 FEET

SHEET
3 OF 10



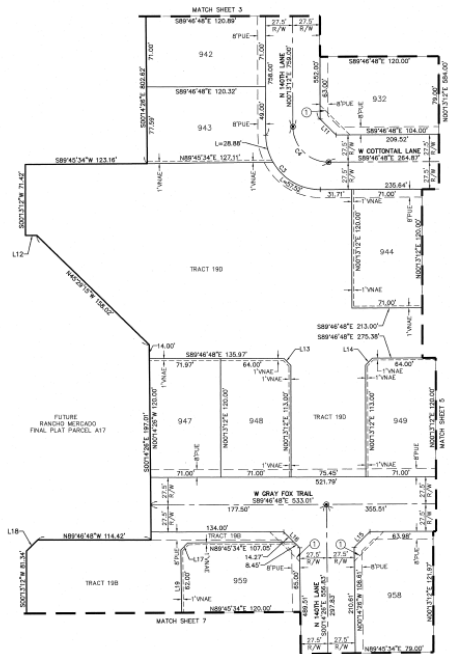
LINE #	DIRECTION	LENGTH
L1	S44°46'48"W	9.19'
L2	S44°46'48"W	12.44'
L3	N89°46'48"W	74.00'
L4	N40°13'12"E	13.44'
L5	S40°13'12"W	9.19'
L6	N40°13'12"E	9.90'
L7	S00°13'12"W	15.00'
L8	N44°46'48"W	22.63'
L9	N40°13'12"E	22.63'
L10	S44°46'48"E	22.63'

CURVE #	LENGTH	RADIUS	DELTA
C1	58.50'	36.00'	99°10'00"
C2	86.39'	55.00'	99°10'00"



LOT TABLE/WIDTH BASED ON FBBL				LOT TABLE/WIDTH BASED ON FBBL				LOT TABLE/WIDTH BASED ON FBBL				LOT TABLE/WIDTH BASED ON FBBL			
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
900	8477	0.195	71.0'	908	9230	0.212	71.0'	904	9352	0.215	71.0'	904	8987	0.204	71.0'
901	8520	0.196	71.0'	909	8520	0.196	71.0'	905	8647	0.200	71.0'	905	8647	0.200	71.0'
902	8520	0.196	71.0'	910	8520	0.196	71.0'	906	8647	0.200	71.0'	906	8647	0.200	71.0'
903	11386	0.261	63.0'	911	8520	0.196	71.0'	907	8520	0.196	71.0'	907	8768	0.200	71.0'
904	13023	0.299	58.0'	912	8520	0.196	71.0'	908	8520	0.196	71.0'	908	8725	0.200	71.0'
905	9585	0.220	71.0'	913	8520	0.196	71.0'	909	8520	0.196	71.0'	909	8650	0.199	71.0'
906	9585	0.220	71.0'	914	8520	0.196	71.0'	910	8520	0.196	71.0'	910	8644	0.198	71.0'
907	9585	0.220	71.0'	915	8520	0.196	71.0'	911	8520	0.196	71.0'	911	8604	0.198	71.0'
908	9230	0.212	71.0'	916	8520	0.196	71.0'	912	8520	0.196	71.0'				

FS18-096 Parcel A19 Final Plat



LOT TABLE (WIDTH BASED ON FWSL)			
LOT	AREA SQ. FT.	AREA ACRES	WIDTH
932	9352	0.215	75.0'
942	8563	0.197	71.0'
943	9320	0.214	76.7'
944	8520	0.196	71.0'
947	8578	0.197	75.0'
948	8496	0.195	71.0'
949	8495	0.195	71.0'
958	8593	0.220	76.0'
959	8478	0.195	71.0'

LINE TABLE		
LINE #	DIRECTION	LENGTH
L11	N44°46'48"W	22.63'
L12	S89°46'48"E	11.51'
L13	S44°46'48"E	9.90'
L14	N45°13'12"E	9.90'
L15	N44°59'23"E	22.54'
L16	S45°00'37"E	22.72'
L17	N44°40'34"E	9.90'
L18	S45°13'12"W	16.00'
L19	N45°14'28"W	380.00'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C3	86.38'	55.00'	98°10'10"
C4	58.55'	36.00'	98°10'10"



COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS



FW: J. SPRING

DR: M. GILES

JOB NO. 09001944

SCALE: 1" = 40 FEET

DATE: 8/1/18

4 OF 10



COUNTY: MARICOPA

SECTION 4 & 2

TOWNSHIP: 4 NORTH

RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO

PARCEL A19

CITY OF SURREY, ARIZONA

AUGUST 2018



PM.	J. SPRING
DR.	R. GILES

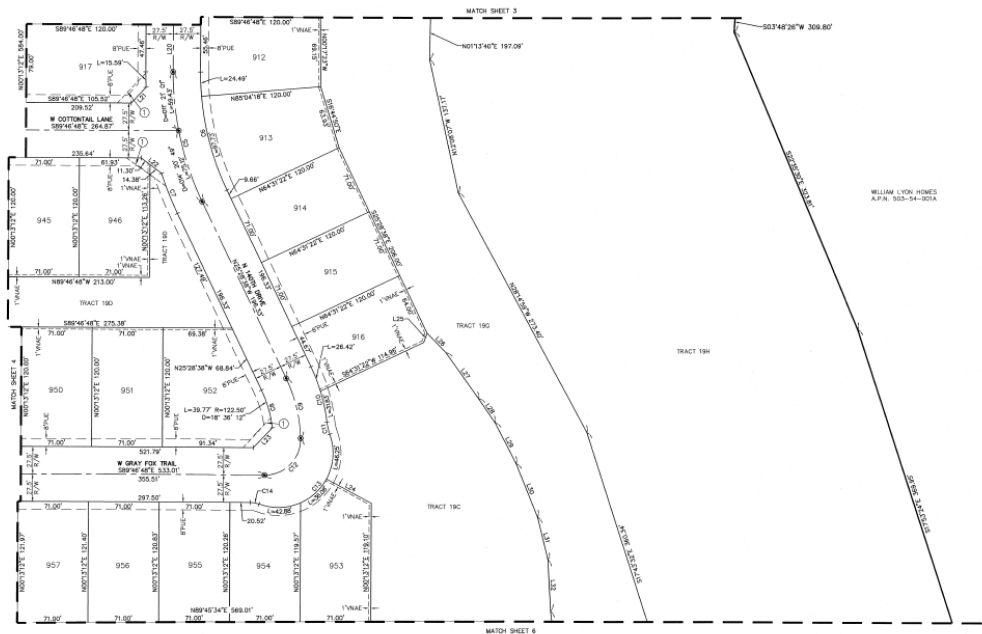
SCALE 0 20 40
1" = 40 FEET

5 OF 10

LOT TABLE WIDTH BASED ON FBSL			
LOT	AREA SQ FT	AREA ACRES	WIDTH
912	8965	0.206	78.9'
913	10440	0.240	103.3'
914	8520	0.196	71.0'
915	8520	0.196	71.0'
916	8513	0.195	71.1'
917	9369	0.215	76.5'
945	8520	0.196	71.0'
946	8489	0.195	71.0'
950	8520	0.196	71.0'
951	8520	0.196	71.0'
952	11269	0.259	102.8'
953	9281	0.213	71.0'
954	8363	0.192	72.0'
955	8509	0.196	71.0'
956	8599	0.197	71.0'
957	8640	0.198	71.0'

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L20	N00°37'37"E	543.96'	L27	N35°18'21"W	56.76'
L21	S47°09'24"W	21.80'	L28	N34°18'27"W	29.45'
L22	S03°58'28"E	25.68'	L29	N27°13'57"W	45.92'
L23	S43°52'35"W	27.81'	L30	N21°56'44"W	57.92'
L24	S61°40'20"E	51.16'	L31	N13°34'03"W	44.23'
L25	S19°31'22"W	9.90'	L32	N02°50'56"W	51.48'
L26	N43°58'12"W	27.42'			

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C5	134.55'	300.00'	025°41'50"
C6	122.22'	272.50'	025°41'50"
C7	43.30'	327.50'	007°34'32"
C8	39.77'	322.50'	018°36'13"
C9	62.47'	150.00'	023°59'45"
C10	58.26'	177.50'	018°48'20"
C11	12.65'	55.00'	013°10'43"
C12	57.70'	36.00'	091°50'05"
C13	125.21'	55.00'	136°28'03"
C14	8.89'	25.00'	020°23'03"



WILLIAM LYON HOMES
A.P.N. 503-54-005A

SALES 3.425641

FS18-096 Parcel A19 Final Plat



COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

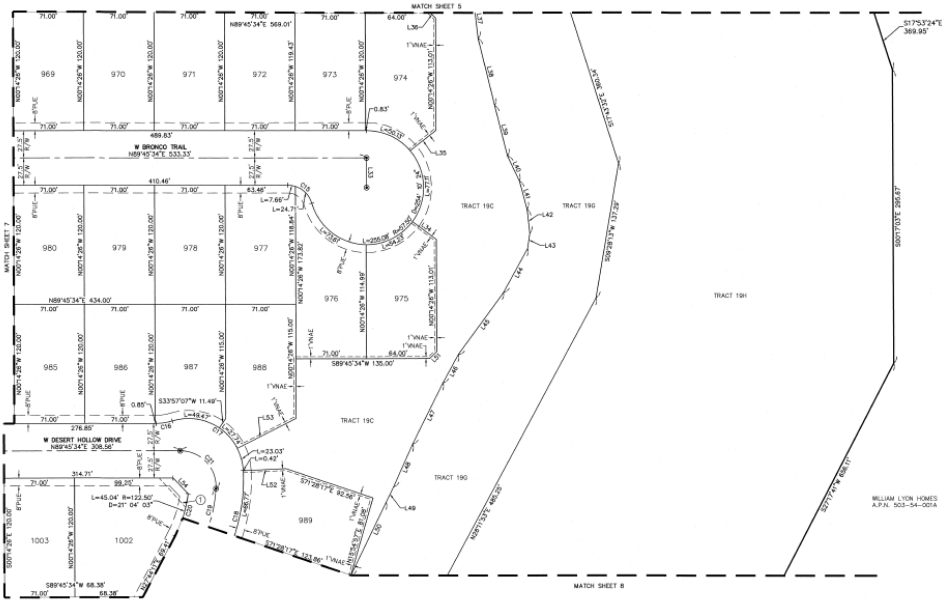
REVISIONS



PLN: J. SPRING
DR: K. GILES
JOB NO:
09001944

SCALE: 1" = 40 FEET

DATE: 8/1/2018
6 OF 10



LOT TABLE BASED ON FBSL				LOT TABLE BASED ON FBSL			
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
969	8020	0.186	71.0'	979	8020	0.186	71.0'
970	8020	0.186	71.0'	980	8020	0.186	71.0'
971	8020	0.186	71.0'	981	8020	0.186	71.0'
972	8020	0.186	71.0'	982	8020	0.186	71.0'
973	8020	0.186	71.0'	983	8020	0.186	71.0'
974	8020	0.186	71.0'	984	8020	0.186	71.0'
975	8020	0.186	71.0'	985	8020	0.186	71.0'
976	8020	0.186	71.0'	986	8020	0.186	71.0'
977	8020	0.186	71.0'	987	8020	0.186	71.0'
978	8020	0.186	71.0'	988	8020	0.186	71.0'

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L31	S00°14'28"E	35.00'	L44	S02°14'47"W	50.47'
L34	S83°38'58"E	30.32'	L45	S03°13'07"W	77.48'
L35	S51°16'59"W	33.23'	L46	S28°23'32"W	32.61'
L36	N45°14'28"E	8.80'	L47	S28°23'32"W	68.67'
L37	N00°42'47"W	38.17'	L48	S23°31'17"W	47.23'
L38	S13°34'51"E	69.42'	L49	S02°14'21"W	17.23'
L39	S14°21'28"E	53.60'	L50	S22°14'27"W	61.40'
L40	S25°33'20"E	28.06'	L51	S44°45'35"W	9.90'
L41	S15°11'21"E	29.38'	L52	N88°59'18"E	43.02'
L42	S00°16'32"E	24.54'	L53	S62°51'02"W	66.53'
L43	S08°13'14"W	15.31'	L54	S47°39'29"E	31.99'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C15	32.36'	25.00'	64°14'24"
C16	18.67'	55.00'	61°17'30"
C17	100.34'	55.00'	104°25'20"
C18	85.72'	177.50'	63°03'47"
C19	63.68'	156.00'	55°41'31"
C20	40.04'	123.50'	101°14'34"
C21	58.84'	36.00'	59°13'03"

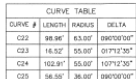


CITY OF SURPRISE, ARIZONA

REVISIONS



SHEET
NO. 7 OF 10



FS18-096 Parcel A19 Final Plat



COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 6 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF JUANES, ARIZONA

AUGUST 2018

REVISIONS



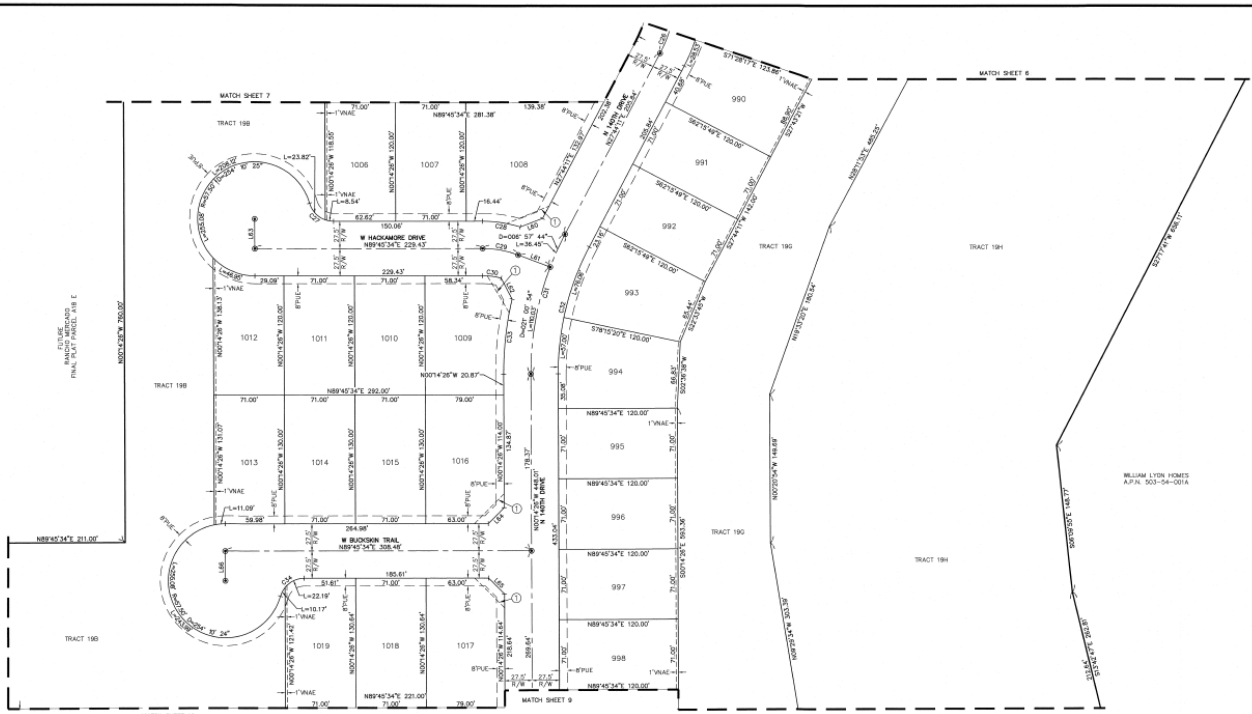
FW: 2 SPRING
DR: 2 GULLS

FSR NO:
09001544

SCALE:
1" = 40 FEET

DRAWN BY NAME:

SHEET
8 OF 10



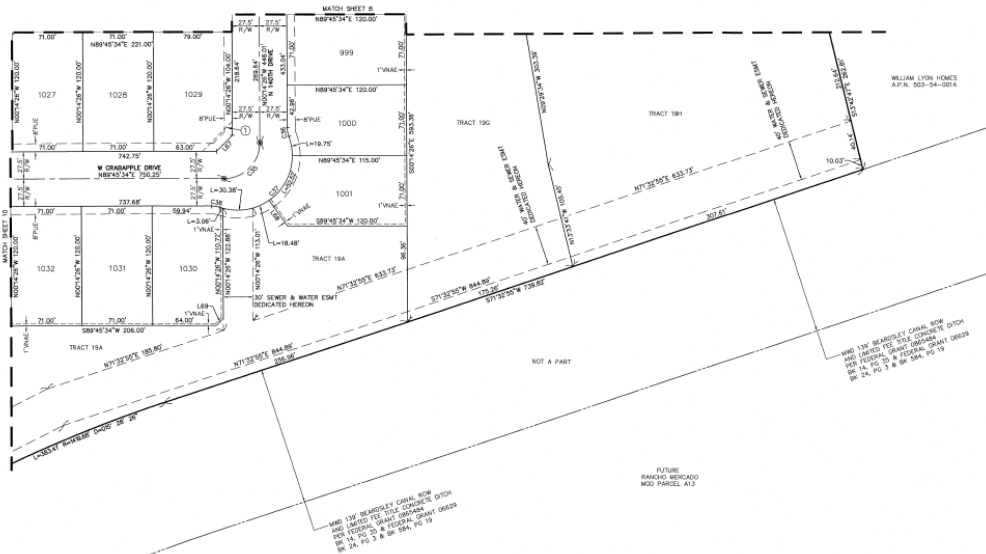
LOT TABLE WIDTH BASED ON FSBL				LOT TABLE WIDTH BASED ON FSBL			
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
890	8032	0.234	109.2	1009	8793	0.254	86.8
891	8020	0.196	71.07	1010	8020	0.196	71.07
892	8020	0.196	71.07	1011	8020	0.196	71.07
893	10007	0.290	99.27	1012	8756	0.251	71.07
894	8010	0.191	80.77	1013	9434	0.271	71.07
895	8020	0.196	71.07	1014	9230	0.270	71.07
896	8020	0.196	71.07	1015	9230	0.270	71.07
897	8020	0.196	71.07	1016	10143	0.293	79.37
898	8020	0.196	71.07	1017	10090	0.291	79.37
1006	8016	0.196	71.07	1018	9275	0.270	71.07
1007	8020	0.196	71.07	1019	9221	0.270	71.07
1008	13002	0.289	80.47				

LINE TABLE		
LINE #	DIRECTION	LENGTH
L80	S69°14'30"W	23.94'
L81	S69°13'32"E	34.50'
L82	S2°16'37"E	23.87'
L83	N00°14'20"W	30.92'
L84	S44°40'34"W	23.83'
L85	S45°14'20"E	22.63'
L86	S00°14'20"E	30.92'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C26	83.68'	150.00'	024°19'21"
C27	33.36'	25.00'	074°10'24"
C28	26.70'	127.50'	017°23'20"
C29	26.66'	100.00'	027°07'24"
C30	16.92'	72.00'	014°52'30"
C31	146.49'	350.00'	027°08'38"
C32	133.08'	272.50'	027°08'38"
C33	76.11'	327.50'	017°08'38"
C34	20.36'	25.00'	074°10'23"

NOT TO SCALE. THIS PLAT IS A PRELIMINARY PLAT AND IS NOT TO BE USED FOR ANY PURPOSES OTHER THAN FOR INFORMATIONAL PURPOSES. THE PLAT IS NOT TO BE USED FOR ANY PURPOSES OTHER THAN FOR INFORMATIONAL PURPOSES. THE PLAT IS NOT TO BE USED FOR ANY PURPOSES OTHER THAN FOR INFORMATIONAL PURPOSES.

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LOT TABLE WIDTH BASED ON FBIS.			
LOT	AREA SQ FT	AREA ACRES	WIDTH
999	8520	0.196	71.07
1000	8440	0.194	71.07
1001	8861	0.203	71.07
1027	8520	0.196	71.07
1028	8520	0.196	71.07
1029	9352	0.215	75.07
1030	8486	0.195	71.07
1031	8520	0.196	71.07
1032	8520	0.196	71.07

FS18-096 Parcel A19 Final Plat



COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS:



PREPARED BY:
J. SPRING
D. GILES

JOB NO.
09001944

SCALE:
1" = 40 FEET

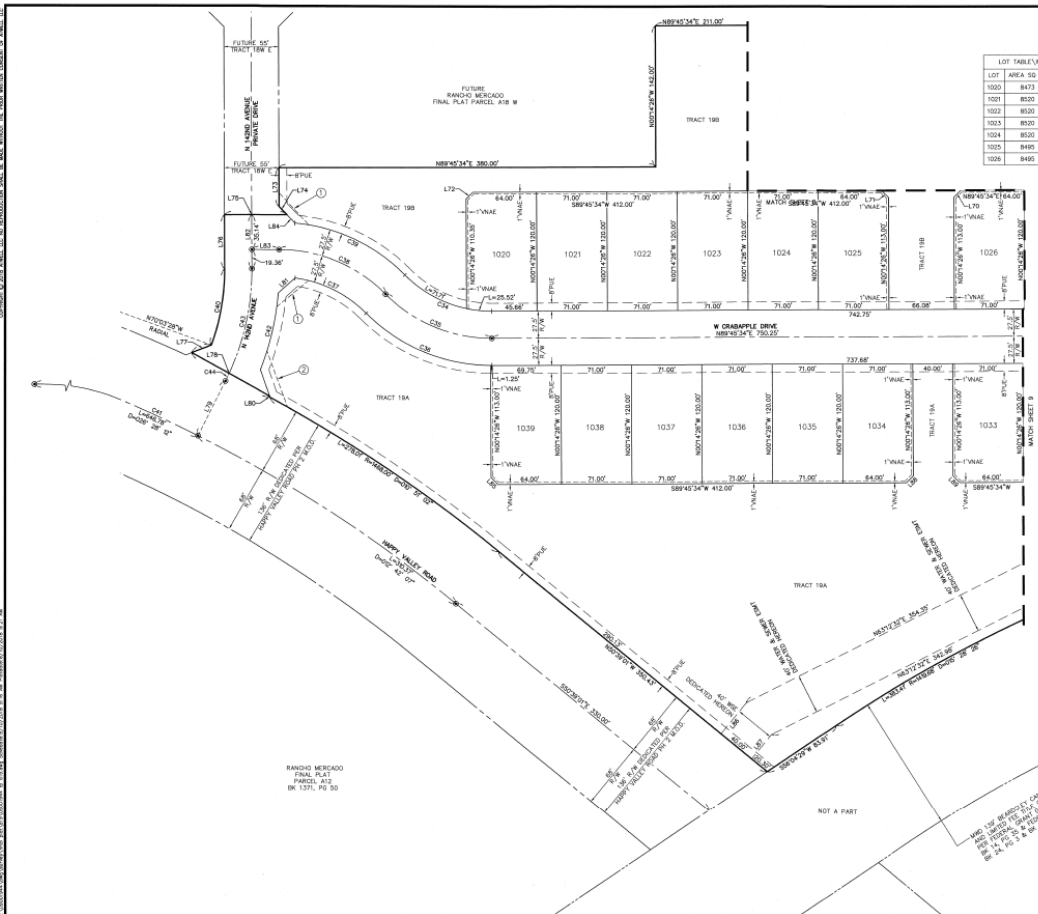
REMARK: NONE

SHEET
10 OF 10

LOT TABLE WIDTH BASED ON FBEL				LOT TABLE WIDTH BASED ON FBEL			
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
1000	8473	0.195	71.07	1033	8495	0.195	71.07
1001	8520	0.196	71.07	1034	8495	0.195	71.07
1002	8520	0.196	71.07	1035	8520	0.196	71.07
1003	8520	0.196	71.07	1036	8520	0.196	71.07
1004	8520	0.196	71.07	1037	8520	0.196	71.07
1005	8495	0.195	71.07	1038	8520	0.196	71.07
1006	8495	0.195	71.07	1039	8495	0.195	71.07

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L70	N44°45'34"E	9.907	L80	S19°16'39"E	1.327
L71	S45°14'26"E	9.907	L81	N48°16'12"E	22.946
L72	N44°45'34"E	9.907	L82	N00°14'27"W	54.907
L73	S00°14'26"E	39.361	L83	N00°40'24"E	27.507
L74	N43°56'37"W	11.57	L84	N43°56'37"W	11.57
L75	S00°14'26"W	62.997	L85	N43°14'26"W	9.907
L76	S00°14'26"E	54.507	L86	S39°20'52"W	40.211
L77	N48°16'12"E	21.207	L87	S39°20'52"W	31.361
L78	S00°14'34"E	89.797	L88	S44°45'34"W	9.907
L79	S28°36'32"W	61.717	L89	N43°14'26"W	9.907

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C34	87.237	122.507	04°07'38"30"
C35	118.007	150.007	04°07'38"30"
C36	140.867	177.507	04°07'38"30"
C37	81.347	122.507	04°07'38"30"
C38	118.007	150.007	04°07'38"30"
C39	124.887	177.507	04°07'38"30"
C40	78.387	222.507	00°07'01"59"
C41	897.107	1400.007	03°07'10"30"
C42	80.007	277.507	03°07'10"30"
C43	108.617	250.007	03°47'57"07"





SURPRISE
ARIZONA

**QUESTIONS OR
COMMENTS?**

Thank You



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date:	November 6, 2018	Contact Person:	Robert Kuhfuss - Community Development
Submitting Department:		District:	1
Staff Recommendations:	Approve		

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to approval of the Final Plat entitled, "Rancho Mercado Parcel A19" dated August 10, 2018, a property generally located in Rancho Mercado south and east of the Yearling Road and Rancho Mercado Parkway alignment.

Motion:

I move to approve the Final Plat entitled, "Rancho Mercado Parcel A19" dated August 10, 2018.

Background:

The subject request involves a 133-lot Final Plat for Parcel A19 of Rancho Mercado and is one of two (2) Final Plats presented this date, but under separate cover.

Objective Analysis:

The proposed Final Plat is one of several case activities related to the Rancho Mercado development. Approval of the subject Final Plat will allow the city to continue issuing the infrastructure permits necessary for the applicant to continue construction. The proposed Final Plat is consistent with the Rancho Mercado PAD and other regulatory documents, and the reviewing agencies have expressed no objections to the approval of the Final Plat.

Policy Compliant:

The requested Final Plat is consistent with the Rancho Mercado PAD, the Rancho Mercado Preliminary Plat and advances the goals and policies of the General Plan.

Financial Impact:

All activity related to ongoing development of the City of Surprise has an economic and fiscal impact on the city and the region.

Budget Impact:

There is no anticipated budget impact related to this item.

FTE Impact:

This item does not have an impact on current staff levels.

ATTACHMENTS:

Click to download

[00 - Rancho Mercado Parcel A19 Final Plat, Case FS18-093 - Staff Report](#)

[01 - Rancho Mercado Parcel A19 Final Plat, Case FS18-093 - Vicinity Map](#)

[02 - Rancho Mercado Parcel A19 Final Plat, Case FS18-093 - Case Map](#)

[03 - Rancho Mercado Parcel A19 Final Plat, Case FS18-093 - Final Plat](#)

[04 - Rancho Mercado Parcel A19 Final Plat, Case FS18-093 - Presentation](#)

FINAL PLAT

REPORT TO THE CITY COUNCIL

Case: FS18-093

Project Name: Rancho Mercado Parcel A19 Final Plat

Council District: 1

City Council Date: November 06, 2018

Planner: Robert H. Kuhfuss, AICP

Owner: William Lyon Homes

Applicant: Fil Luna of William Lyon Homes

Request: Final Plat for Parcel A17 within the Rancho Mercado PAD

Site Location: Generally located south of the Yearling Road alignment and east of the Rancho Mercado Parkway alignment in Ranch Mercado

Site Size: 77.69 acres (approx.

Density: 1.71 DU/Ac.

General Plan Conformance: The proposal is consistent with the Surprise General Plan 2035

Support/Opposition: None known

Findings:

- The proposed Final Plat is consistent with the Rancho Mercado PAD.
- The proposed Final Plat is consistent with the Rancho Mercado Unit 1 Preliminary Plat as approved under FS15-069.
- The proposed Final Plat is consistent with the applicable City of Surprise regulations.
- The reviewing agencies have indicated no objections to the request.

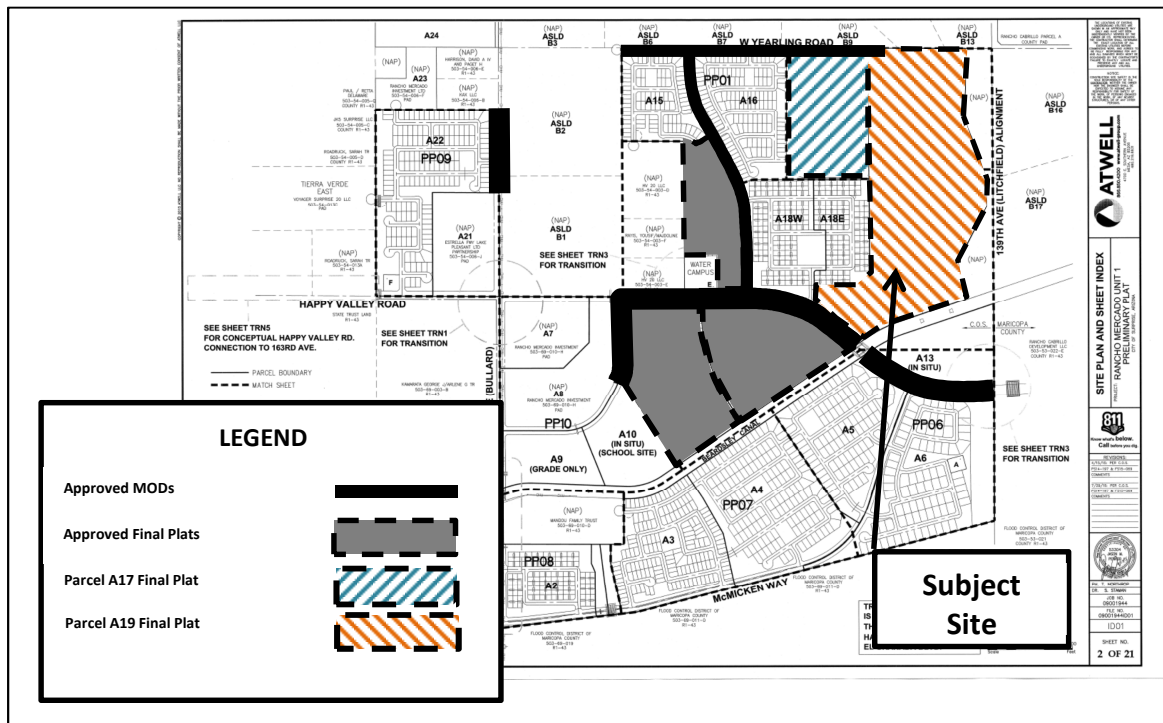
Alternative Actions: **Approval** of the requested Final Plat will allow the developer to continue building infrastructure in support of the larger Rancho Mercado PAD.

Denial of the requested Final Plat will deny the applicant the opportunity to develop the property as depicted on the proposed final plat.

Project Description:

The subject request involves an 133-lot Final Plat for Parcel A19 of Rancho Mercado and is one of two (2) Final Plats presented this date, but under separate cover.

The following map, taken from the Rancho Mercado Unit 1 Preliminary Plat, is annotated to depict the location of the subject Final Plat in relation to the other activity occurring within the PAD.



Background:

July 11, 2006: The Maricopa County Board of Supervisors approved a request for a Development Master Plan (DMP) and associated Zone Change for the Rancho Mercado project in what was then unincorporated Maricopa County.

May 25, 2007: The Surprise City Council entered into a Pre-Annexation Development Agreement with the applicant, which was recorded under 2007-0794202 MCR.

October 11, 2007: The Surprise City Council approved the Rancho Mercado PAD under case PAD06-276, subject to stipulations “a” through “u”, Ordinance #07-46.

November 10, 2007: The subject property was annexed into the City of Surprise via Ordinance # 2007-47.

December 2, 2010: Staff met with the applicant to discuss a Preliminary Plat for Rancho Mercado under case CR10-256.

December 7, 2010: Staff approved a Minor PAD Amendment to under case FS10-210.

March 30, 2011: The applicant filed a request for a Preliminary Plat covering the subject property under case PS11-093, which expired due to inactivity.

January 5, 2016: The City Council approved the Preliminary Plat for Rancho Mercado Unit 1 under case FS15-069.

September 14, 2017: The applicant submitted a request for a Final Plat for Rancho Mercado Parcel A17 under case FS17-546.

October 17, 2017: The City Council approved the Map of Dedication for Happy Valley Road Phase 3 under case FS17-097.

October 17, 2017: The City Council approved the Map of Dedication for Happy Valley Road Phase 2 under case FS17-098.

October 17, 2017: The City Council approved the Map of Dedication for Rancho Mercado Parkway under case FS16-384.

October 31, 2017: Staff administratively approved the Minor Site Plan regarding the Rancho Mercado Water Campus under case FS17-262.

December 5, 2017: The City Council approved the Final Plat for Rancho Mercado Parcel A14 under case FS16-385.

February 15, 2018: The applicant submitted a request for a Final Plat for Rancho Mercado Parcel A19 under case FS18-093, the subject case.

February 20, 2018: The City Council approved a Final Plat for Ranch Mercado Parcel A11 under case FS17-257.

February 20, 2018: The City Council approved a Final Plat for Ranch Mercado Parcel A12 under case FS17-258.

February 20, 2018: The City Council approved a Map of Dedication for Happy Valley Road Phase 1 under case FS17-264.

February 20, 2018: The City Council approved a Map of Dedication for 147th Avenue under case FS17-499.

October 2, 2018: The City Council approved a Map of Dedication for Yearling Road under case FS18-086.

Reviewing Agencies:

The subject request was routed to the standard reviewing agencies, who have indicated no objections to the request.

Summary:

The proposed Final Plat is one of several case activities related to the Rancho Mercado development. Approval of the subject Final Plat will allow the city to continue issuing the infrastructure permits necessary for the applicant to continue construction. The proposed Final Plat is consistent with the Rancho Mercado PAD and other regulatory documents, and the reviewing agencies have expressed no objections to the approval of the Final Plat.

Findings:

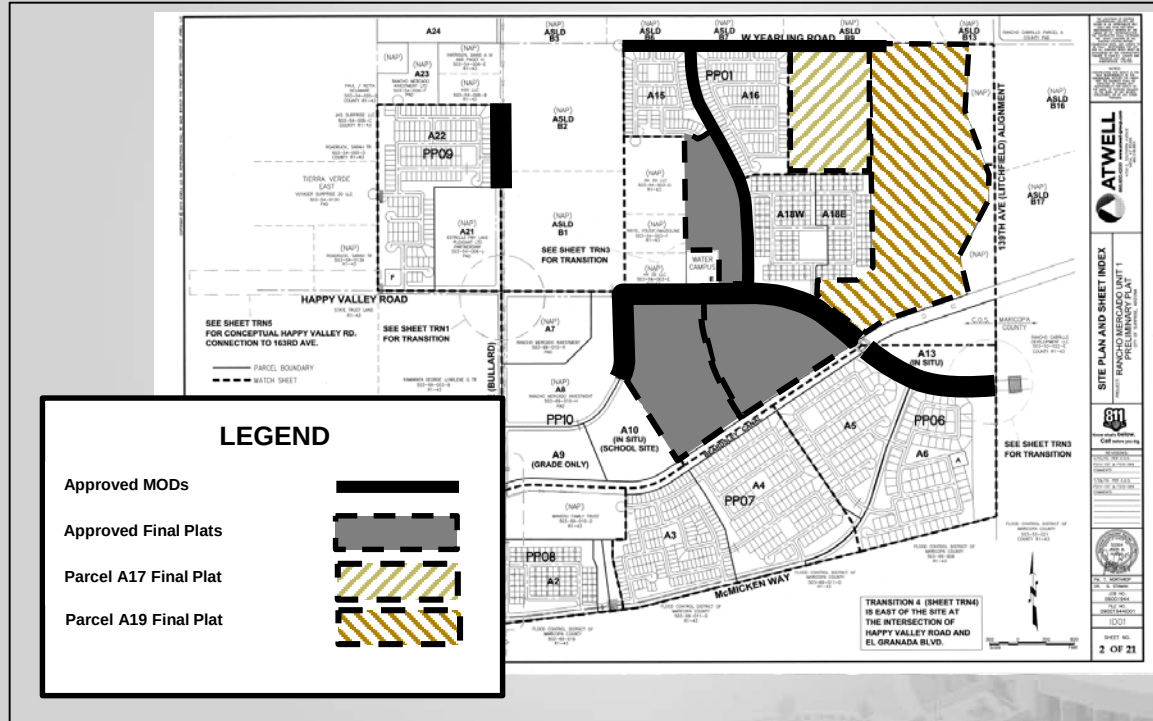
- The proposed Final Plat is consistent with the Rancho Mercado PAD.
- The proposed Final Plat is consistent with the Rancho Mercado Unit 1 Preliminary Plat as approved under FS15-069.
- The proposed Final Plat is consistent with the applicable City of Surprise regulations.
- The reviewing agencies have indicated no objections to the request.

Attachments:

01 Vicinity Map
02 Case Map
03 Final Plat

FS17-546 Parcel A17 Final Plat FS18-093 Parcel A19 Final Plat

Vicinity Map



Case Map



North

1 Mile

DEDICATION

STATE OF ARIZONA: }
COUNTY OF MARICOPA: } SS

KNOW ALL PERSONS BY THESE PRESENTS:

- THAT WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION, HEREINAFTER "OWNER", HAS SUBDIVIDED UNDER THE NAME "RANCHO MERCADO PARCEL A19", LOCATED WITHIN A PORTION OF THE SOUTHEAST QUARTER OF SECTION 4, AND THE NORTHEAST QUARTER OF SECTION 9, TOWNSHIP 4 NORTH, RANGE 1 WEST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, CITY OF SURPRISE, MARICOPA COUNTY, ARIZONA AND DOES HEREBY DECLARE THAT THIS PLAT SETS FORTH THE LOCATION AND GIVES THE DIMENSIONS OF EACH LOT, TRACT, STREET, AND EASEMENT CONSTITUTING SAME, AND THAT EACH LOT, TRACT, STREET, AND EASEMENT SHALL BE KNOWN BY THE NUMBER, LETTER, AND/OR NAME GIVEN TO EACH RESPECTIVELY AS SHOWN ON THIS FINAL PLAT.
- "OWNER" HEREBY DEDICATES TO THE CITY OF SURPRISE FEE TITLE TO ALL PUBLIC RIGHTS-OF-WAY AS SHOWN ON THE FINAL PLAT.
- ALL IMPROVEMENTS, FOR STREETS AND PUBLIC UTILITIES OWNED AND OPERATED BY THE CITY, INSTALLED OR CONSTRUCTED BY "OWNER" WITHIN THE PUBLIC RIGHTS-OF-WAY, THE EASEMENTS, OR ANY TRACTS OR PARCELS HEREBY DEDICATED TO THE CITY OF SURPRISE SHALL BE DEEMED TO HAVE BEEN DEDICATED BY OWNER TO THE CITY UPON THEIR COMPLETION; HOWEVER, SUCH TRANSFER SHALL NOT OCCUR UNTIL THE CITY COUNCIL FOR THE CITY OF SURPRISE MANIFESTS ITS ACCEPTANCE BY SEPARATE FORMAL COUNCIL ACTION.
- "OWNER" HEREBY GRANTS TO THE PUBLIC A PERPETUAL NON-EXCLUSIVE EASEMENT IN, UPON, OVER, UNDER, THROUGH, AND ACROSS THE AREAS DESIGNATED AS PUBLIC UTILITY EASEMENTS AS SHOWN ON THE FINAL PLAT FOR THE PURPOSE OF ACCESSING, INSTALLING, CONSTRUCTING, MAINTAINING, REPAIRING, REPLACING AND UTILIZING PUBLIC UTILITIES.
- "OWNER" HEREBY GRANTS TO THE UNITED STATES OF AMERICA DEPARTMENT OF THE AIR FORCE "USAF" AN AVIGATION EASEMENT OVER AND ACROSS THIS FINAL PLAT AND EVERY LOT AND PARCEL THEREOF, WHICH EASEMENT SHALL INCLUDE, BUT NOT BE LIMITED TO, THE RIGHT OF FLIGHT OF AIRCRAFT OVER THIS FINAL PLAT, TOGETHER WITH ITS ATTENDANT NOISE, VIBRATIONS, FUMES, DUST, FUEL AND LUBRICANT PARTICLES, THAT MAY BE CAUSED BY THE OPERATION OF AIRCRAFT LANDING AT, OR TAKING OFF FROM, OR OPERATING AT OR ON LUKE AIR FORCE BASE AND AUXILIARY FIELD.
- "OWNER" HEREBY GRANTS TO THE CITY OF SURPRISE AN ODOR EASEMENT OVER, UPON AND ACROSS, FINAL PLAT, WHICH EASEMENT SHALL INCLUDE, BUT NOT LIMITED TO, THE RIGHT TO INVADE WITH ODORS, FUMES, SMELLS, AND PHYSICAL AIRBORNE PARTICULATES CAUSED BY THE LAWFUL OPERATION AND MAINTENANCE OF THE CITY'S WATER RECLAMATION FACILITY.
- THE EASEMENTS GRANTED WITHIN THIS DEDICATION ARE PERMANENT AND PERPETUAL AND SHALL RUN WITH THE LAND AND BE BINDING UPON OWNER AND ITS HEIRS, ASSIGNS, AND SUCCESSORS IN INTEREST TO THIS FINAL PLAT OR ANY PARCEL THEREOF.
- "OWNER" HEREBY WARRANTS AND REPRESENTS TO THE CITY OF SURPRISE THAT IT IS THE SOLE OWNER OF THE PROPERTY COVERED BY THIS FINAL PLAT, AND THAT EVERY LENDER, EASEMENT HOLDER OR OTHER PERSON OR ENTITY HAVING ANY INTEREST THAT IS ADVERSE TO OR INCONSISTENT WITH THE FOREGOING DEDICATION, OR ANY OTHER REAL PROPERTY INTEREST CREATED OR TRANSFERRED BY THIS FINAL PLAT, HAS CONSENTED TO OR JOINED IN THIS FINAL PLAT AS EVIDENCED BY INSTRUMENTS WHICH ARE RECORDED WITH THE MARICOPA COUNTY RECORDERS OFFICE OR WHICH OWNER WILL RECORD NOT LATER THAN THE DATE ON WHICH THIS FINAL PLAT IS RECORDED.
- "OWNER" HEREBY GRANTS TO THE CITY OF SURPRISE A PERPETUAL NON-EXCLUSIVE EASEMENT OVER, UPON AND ACROSS THE AREAS DESIGNATED AS SIGHT VISIBILITY TRIANGLES FOR THE PURPOSE OF ENSURING THAT THESE AREAS REMAIN FREE OF SIGHT VISIBILITY OBSTRUCTIONS.
- THE VEHICULAR NON ACCESS EASEMENTS " VNAE " ARE HEREBY DEDICATED TO THE RANCHO MERCADO COMMUNITY ASSOCIATION, ITS SUCCESSORS AND ASSIGNS AND IS INTENDED TO PREVENT VEHICULAR TRAFFIC BETWEEN TRACTS AND LOTS WITH THE EXCEPTION OF PUBLIC UTILITY USES. SAID " VNAE " AS DEDICATED HEREON WILL CROSS PUBLIC UTILITY EASEMENTS "PUE" ALSO CREATED HEREON, IN MULTIPLE LOCATIONS. THESE " VNAE " ARE NOT INTENDED TO PREVENT AUTHORIZED AGENTS OF THE PUBLIC UTILITY COMPANIES FROM CROSSING SAID " VNAE " DURING THE COURSE OF INSTALLATION, USE, MAINTENANCE AND REPAIR OF THE UTILITIES LOCATED IN SAID PUBLIC UTILITY EASEMENT "PUE".
- ALL TRACTS ARE NOT DEDICATED TO THE PUBLIC, BUT ARE PLATTED AS COMMON PROPERTY FOR THE USE AND ENJOYMENT OF THE RANCHO MERCADO COMMUNITY ASSOCIATION, AS MORE FULLY SET FORTH IN THE DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS.
- TRACTS PLATTED HEREON ARE DEDICATED FOR THE PURPOSES AS NOTED IN THE TRACT TABLE ON THIS FINAL PLAT AND SHALL BE MAINTAINED BY RANCHO MERCADO COMMUNITY ASSOCIATION.
- "OWNER" HEREBY GRANTS TO THE CITY OF SURPRISE A PERPETUAL CROSS ACCESS EASEMENT ACROSS THE FINAL PLAT INCLUDING ROADS AND STREETS, OPEN SPACES, COMMUNITY FACILITIES, TRACTS, SIDEWALKS, DRAINAGE BASINS AND ANY PROPERTY WITHIN THE PLAT OWNED BY THE HOMEOWNERS ASSOCIATION FOR THE PURPOSE OF PROVIDING CONTINUOUS AND UNINTERRUPTED INGRESS AND EGRESS FOR EMERGENCY VEHICLES.
- "OWNER" HEREBY GRANTS TO THE CITY OF SURPRISE A PERPETUAL EASEMENT ACROSS THE FINAL PLAT INCLUDING ROADS AND STREETS, OPEN SPACES, COMMUNITY FACILITIES, TRACTS, SIDEWALKS, DRAINAGE BASINS AND ANY PROPERTY WITHIN THE FINAL PLAT OWNED BY THE HOMEOWNERS ASSOCIATION FOR THE PURPOSE OF PROVIDING CONTINUOUS AND UNINTERRUPTED INGRESS AND EGRESS FOR TRASH COLLECTION VEHICLES.
- "OWNER" HEREBY GRANTS TO THE CITY OF SURPRISE A PERPETUAL EXCLUSIVE EASEMENT OVER, UNDER, UPON AND ACROSS ALL AREAS DESIGNATED ON THE PLAT AS A WATER AND SEWER LINE EASEMENT, FOR THE PURPOSES OF INSTALLING, CONSTRUCTING, MAINTAINING, REPAIRING, REPLACING AND UTILIZING THE WATER/SEWER LINES, MANHOLES AND WATER VALVES.
- "OWNER" HEREBY DEDICATES TO THE CITY OF SURPRISE A DISCHARGE EASEMENT OVER AND ACROSS TRACT 19A OF "RANCHO MERCADO PARCEL A19", GIVING THE CITY OF SURPRISE ALL RIGHTS OF DISCHARGE CAUSED BY THE OPERATION AND MAINTENANCE OF THE WELL OVER AND ACROSS TRACT 14C OF "RANCHO MERCADO PARCEL A14".
- "OWNER" HEREBY GRANTS TO THE PUBLIC AN EASEMENT FOR RECREATION OVER, UPON AND ACROSS THOSE AREAS DESIGNATED AS RECREATION TRAILS OR AREAS FOR THE PURPOSE OF ALLOWING THE PUBLIC ACCESS TO THE TRAIL SYSTEM.
- "OWNER" HEREBY GRANTS TO THE CITY OF SURPRISE, AN ARIZONA MUNICIPAL CORPORATION, AND ITS SUCCESSORS AND ASSIGNS, A PUBLIC RECREATION/TRAIL EASEMENT FOR BICYCLING AND OTHER NON-MOTORIZED FORMS OF PEDESTRIAN ACCESS OVER AND ACROSS TRACT 19A, 19C & 19G, INCLUDING THE RIGHT OF INGRESS AND EGRESS ALONG AND ACROSS THE EASEMENT PREMISES, AS SHOWN ON THIS FINAL PLAT.

IN WITNESS WHEREOF, OWNER HAS HEREUNTO CAUSED ITS CORPORATE NAME TO BE SIGNED AND ITS CORPORATE SEAL TO BE AFFIXED BY THE UNDERSIGNED, DULY AUTHORIZED OFFICER THIS DAY OF _____, 2018.

WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION.

BY: _____

ITS: _____

NOTARY ACKNOWLEDGEMENT

STATE OF ARIZONA: }
COUNTY OF MARICOPA: } SS

ON THIS _____ DAY OF _____, 2018, BEFORE ME, THE UNDERSIGNED NOTARY PUBLIC APPEARED JULIE E. COLLINS OF WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION, WHO ACKNOWLEDGED HERSELF TO BE THE SENIOR VICE PRESIDENT, AND THAT SHE EXECUTED THIS INSTRUMENT FOR THE PURPOSES HEREIN CONTAINED.

IN WITNESS WHEREOF, I HEREUNTO SET MY HAND AND OFFICIAL SEAL.

BY: _____ MY COMMISSION EXPIRES _____ DATE _____
NOTARY PUBLIC

FINAL PLAT
OF
RANCHO MERCADO PARCEL A19
A PORTION OF THE SOUTHEAST QUARTER OF SECTION 4, AND THE
NORTHEAST QUARTER OF SECTION 9, TOWNSHIP 4 NORTH, RANGE 1
WEST OF THE GILA AND SALT RIVER BASE AND MERIDIAN,
CITY OF SURPRISE, MARICOPA COUNTY, ARIZONA

RANCHO MERCADO COMMUNITY ASSOCIATION RATIFICATION

BY THIS RATIFICATION, KAREN BEACOM, DULY ELECTED PRESIDENT OF THE RANCHO MERCADO COMMUNITY ASSOCIATION ACKNOWLEDGES THE RESPONSIBILITIES DEDICATED HEREON.

BY: _____ ITS PRESIDENT
KAREN BEACOM

NOTARY ACKNOWLEDGEMENT

STATE OF ARIZONA: }
COUNTY OF MARICOPA: } SS

ON THIS _____ DAY OF _____, 2018, KAREN BEACOM PERSONALLY APPEARED BEFORE ME, THE UNDERSIGNED NOTARY PUBLIC, WHO ACKNOWLEDGED HERSELF TO BE THE PRESIDENT OF THE RANCHO MERCADO COMMUNITY ASSOCIATION, AND THAT SHE, AS PRESIDENT, EXECUTED THIS INSTRUMENT FOR THE PURPOSES HEREIN CONTAINED.

IN WITNESS WHEREOF, I HEREUNTO SET MY HAND AND OFFICIAL SEAL.

BY: _____ MY COMMISSION EXPIRES _____ DATE _____
NOTARY PUBLIC

APPROVALS

CITY OF SURPRISE ENGINEER APPROVAL

DATA ON THIS PLAT REVIEWED AND APPROVED THIS _____ DAY OF _____, 2018, BY THE CITY ENGINEER OF SURPRISE, ARIZONA.

APPROVED _____ DATE _____
CITY ENGINEER

CITY OF SURPRISE COUNCIL APPROVAL

APPROVED BY THE CITY COUNCIL OF THE CITY OF SURPRISE, ARIZONA. THIS _____ DAY, OF _____, 2018.

MAYOR DATE _____

ATTEST:

CITY CLERK DATE _____

AREA CALCULATIONS

TRACTS	1,726,703 SQ.FT.	39.640 AC
LOTS	1,244,836 SQ.FT.	28.577 AC
RIGHT OF WAY	412,812 SQ.FT.	9.477 AC
TOTAL	3,384,350 SQ.FT.	77.694 AC

SHEET INDEX

DESCRIPTION	SHEET NO.
COVER SHEET	1
KEY MAPS, LEGAL DESCRIPTION	2
PLAT SHEETS	3-10



OWNER/DEVELOPER

WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION.
8840 EAST CHAPARRAL ROAD, SUITE 200
SCOTTSDALE, ARIZONA 85250
PHONE NO: 480-850-3729
CONTACT: FIL LUNA

RELEASE OF LIABILITY

- WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION "OWNER" DOES HEREBY (1) RELEASE AND DISCHARGE THE "USAF" AND THE CITY OF SURPRISE, AND (2) INDEMNIFY, DEFEND, AND HOLD HARMLESS THE CITY OF SURPRISE, OF AND FROM ANY LIABILITY FOR ANY AND ALL CLAIMS FOR DAMAGES OF ANY KIND TO PERSONS OR PROPERTY THAT MAY ARISE AT ANY TIME IN THE FUTURE OVER, OR IN CONNECTION WITH AIRCRAFT OVERFLIGHTS FROM AIRCRAFT UTILIZING LUKE AIR FORCE BASE, WHETHER SUCH DAMAGE SHALL ORIGINATE FROM NOISE, VIBRATION, FUMES, DUST, FUEL AND LUBRICANT PARTICLES, THAT MAY BE CAUSED BY THE OPERATION OF AIRCRAFT LANDING AT, OR TAKING OFF FROM, OR OPERATING AT OR ON LUKE AIR FORCE BASE. THIS INSTRUMENT SHALL RUN WITH THE LAND AND BE BINDING UPON OWNER AND ITS HEIRS, ASSIGNS, AND SUCCESSORS IN INTEREST TO THIS PLAT OR ANY PARCEL OR LOT THEREOF. THIS INSTRUMENT DOES NOT RELEASE THE USAF FROM LIABILITY FOR DAMAGE OR INJURY TO PERSON OR PROPERTY CAUSED BY FALLING AIRCRAFT OR FALLING PHYSICAL OBJECTS FROM AIRCRAFT, EXCEPT AS STATED HEREIN WITH RESPECT TO NOISE, FUMES, DUST, FUEL, AND LUBRICANT PARTICLES.
- WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION "OWNER" DOES HEREBY (1) RELEASE AND DISCHARGE THE CITY OF SURPRISE, AND (2) INDEMNIFY, DEFEND, AND HOLD HARMLESS THE CITY OF SURPRISE, OF AND FROM ANY LIABILITY FOR ANY AND ALL CLAIMS FOR DAMAGES OF ANY KIND TO PERSONS OR PROPERTY THAT MAY ARISE AT ANY TIME IN THE FUTURE OVER, OR IN CONNECTION WITH THE AREAS LOCATED WITHIN THE NEWLY DEDICATED RIGHT-OF-WAY AS DEPICTED ON THIS PLAT UNTIL SUCH TIME THE RIGHT-OF-WAY IS IMPROVED TO CITY STANDARDS AND THOSE IMPROVEMENTS ARE APPROVED AND ACCEPTED BY THE CITY COUNCIL. THE MAINTENANCE OF THE AREA WITHIN ANY NEWLY DEDICATED RIGHT-OF-WAY AS SHOWN ON THIS PLAT SHALL BE THE RESPONSIBILITY OF THE ADJACENT OWNER/OR SUBSEQUENT ADJACENT OWNERS WITHIN THE BOUNDARY OF SAID PLAT UNTIL SUCH TIME THAT THE AREA WITHIN THE RIGHT-OF-WAY IS IMPROVED TO CITY STANDARD AND ACCEPTED BY THE CITY OF SURPRISE.
- WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION "OWNER" HEREBY FURTHER AGREES TO INDEMNIFY, DEFEND, AND HOLD HARMLESS THE CITY OF SURPRISE FROM ANY AND ALL CLAIMS FOR DAMAGES OF ANY KIND TO PERSONS OR PROPERTY LOCATED WITHIN THE RIGHT OF WAY THAT MAY ARISE IN CONNECTION WITH THE USE OF THE SIDEWALKS LOCATED WITHIN THE RIGHT OF WAY, UNTIL SUCH TIME THE CITY OF SURPRISE HAS ACCEPTED THE SIDEWALKS.

PUBLIC NOTICE

THE LOTS DEPICTED ON THIS FINAL PLAT ARE LOCATED WITHIN THE VICINITY OF LUKE AIR FORCE BASE AND MAY BE SUBJECT TO OVERFLIGHTS BY JET AIRCRAFT. ALL STRUCTURES WITHIN THIS PLAT SHALL BE CONSTRUCTED IN COMPLIANCE WITH THE SOUND ATTENUATION STANDARDS ADOPTED BY THE CITY OF SURPRISE. A MAP DEPICTING THE MOST CURRENT ADOPTED MAG NOISE CONTOURS IN RELATION TO THIS PLAT SHALL BE DISPLAYED IN ALL SALES OFFICES. ADDITIONAL INFORMATION MAY BE OBTAINED BY CONTACTING THE CITY OF SURPRISE COMMUNITY DEVELOPMENT DEPARTMENT.

100 YEAR ASSURED WATER SUPPLY LANGUAGE

THE AREA PLATTED HEREON LIES WITHIN THE DOMESTIC WATER SERVICE AREA OF CITY OF SURPRISE, AWS NO. 2010-012, WHICH IS DESIGNATED AS HAVING AN ASSURED WATER SUPPLY PURSUANT A.R.S. § 45-576.

GENERAL NOTES

- IN ACCORDANCE WITH A.R.S. § 9-461.07, THE CITY OF SURPRISE HAS DETERMINED THAT ALL DEDICATIONS OCCURRING WITH THIS FINAL PLAT ARE IN CONFORMANCE WITH THE CITY OF SURPRISE GENERAL PLAN.
- PURSUANT TO A.R.S. § 42-11102, THE CITY OF SURPRISE, A POLITICAL SUBDIVISION OF THE STATE OF ARIZONA, IS EXEMPT FROM ALL TAXES AND ASSESSMENTS BASED ON ASSESSED VALUE EXCEPT FOR SPECIAL DISTRICTS #14751 AND #14710, WHEN APPLICABLE.
- NO ON-SITE GRADING OR EXCAVATION SHALL OCCUR WITHOUT FIRST OBTAINING A PERMIT FROM THE CITY OF SURPRISE.
- HAPPY VALLEY ROAD WILL BECOME A 6 LANE MAJOR ARTERIAL AT SOME FUTURE POINT.
- SPRINKLERS ARE REQUIRED IN ALL ONE AND TWO FAMILY DWELLINGS BUILT IN AREAS WHICH DO NOT HAVE AN ADEQUATE WATER SUPPLY OF 2000 GPM @ 2 HOURS @ 20 PSI RESIDUAL.
- THIS FINAL PLAT IS IN SUBSTANTIAL CONFORMANCE WITH THE PRELIMINARY PLAT APPROVED BY THE CITY OF SURPRISE UNDER CASE FS15-069.
- A PORTION OF THE PROPERTY IS LOCATED WITHIN THE AREA HAVING FLOOD ZONES "x", "a" AND "ae", BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, ON FLOOD INSURANCE RATE MAPS NO. 04013C1210L AND NO. 04013C1230L, WITH A DATE OF IDENTIFICATION OF OCTOBER 16, 2013, FOR COMMUNITY NO. 040053, IN MARICOPA COUNTY, STATE OF ARIZONA, WHICH IS THE CURRENT FLOOD INSURANCE RATE MAP FOR THE COMMUNITY IN WHICH SAID PROPERTY IS SITUATED, AS MAY BE AMENDED FROM TIME TO TIME.
- THE MAINTENANCE OF LANDSCAPING WITHIN THE OPEN SPACES, LANDSCAPED TRACTS, RETENTION BASINS AND PARKS SHALL BE THE RESPONSIBILITY OF THE OWNER OR THE ASSOCIATION FORMED BY THE OWNER.
- THE MAINTENANCE OF THE LANDSCAPING WITHIN THE ADJACENT PUBLIC RIGHTS-OF-WAY, INCLUDING LANDSCAPE MEDIANS WITHIN COLLECTORS AND LOCAL STREETS AND LANDSCAPE AREAS BETWEEN THE CURB AND THE DETACHED SIDEWALK, SHALL BE THE RESPONSIBILITY OF THE ADJACENT PROPERTY OWNER OR THE PROPERTY ASSOCIATION FORMED BY THE ADJACENT PROPERTY
- DEVELOPMENT STANDARDS ARE PER CITY OF SURPRISE CASE FS10-210 OR AS SUBSEQUENTLY AMENDED.

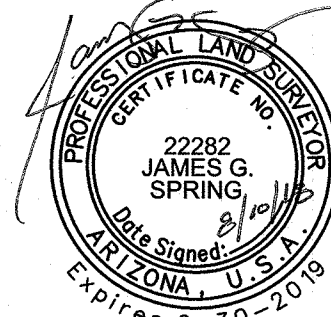
BASIS OF BEARING

THE WEST-EAST, MID-SECTION LINE OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, OF THE GILA AND SALT RIVER MERIDIAN WHICH BEARS S89°46'48"E A DISTANCE OF 5255.54' THIS POSITION WAS DERIVED FROM THE ESTABLISHED NOS POINTS DVO080 & AUB687 PROJECT THEN SCALED TO GROUND AT A COMBINED SCALE FACTOR OF 1.00013766895 AND VERIFIED AGAINST GDACS BOOK 834, PG 1. HORIZONTAL ERROR = (0.04') ANGLE ERROR = (0°00'01")

SURVEYOR'S CERTIFICATION

I, JAMES G. SPRING, PLS 22282, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR IN THE STATE OF ARIZONA; THAT THIS PLAT CONSISTING OF TEN SHEETS REPRESENTS A SURVEY PREPARED UNDER MY SUPERVISION DURING THE MONTH OF AUGUST, 2018; THAT THE SURVEY IS CORRECT AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE EXTERIOR BOUNDARY MONUMENTS ACTUALLY EXIST AS SHOWN AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

JAMES G. SPRING, PLS 22282
ATWELL, LLC
4700 EAST SOUTHERN AVENUE
MESA, ARIZONA 85206



NOTE:

A.R.S. § 32-151 STATES THAT THE USE OF THE WORD "CERTIFY" OR "CERTIFICATION" BY A PERSON OR FIRM THAT IS REGISTERED OR CERTIFIED BY THE BOARD IS AN EXPRESSION OF PROFESSIONAL OPINION REGARDING FACTS OR FINDINGS THAT ARE SUBJECT OF THE CERTIFICATION AND DOES NOT CONSTITUTE AN EXPRESS OR IMPLIED WARRANTY OR GUARANTEE.

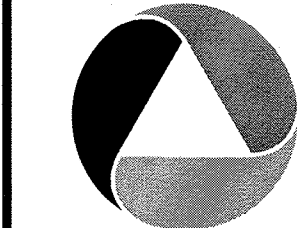


COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS:



PM. J. SPRING
DR. R. GILES
JOB NO.
09001944

N.T.S.

09001944.FP.A19.DWG

SHEET
NO.
1 OF 10

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LEGAL DESCRIPTION

A PORTION OF THE SOUTHEAST QUARTER OF SECTION 4 AND THE NORTHEAST QUARTER OF SECTION 9, TOWNSHIP 4 NORTH, RANGE 1 WEST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A FOUND 2" ALUMINUM CAP STAMPED MARICOPA COUNTY RLS 35832 2003, ACCEPTED AS THE WEST QUARTER CORNER OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, FROM WHICH A FOUND 3" BRASS CAP IN HANDHOLE STAMPED MARICOPA COUNTY DEPARTMENT OF TRANSPORTATION 36770, ACCEPTED AS THE EAST QUARTER CORNER OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, THEREOF BEARS S89°46'48"E A DISTANCE OF 5255.54'

THENCE, ALONG THE WEST-EAST MID-SECTION LINE OF SAID SECTION 4, S89°46'48"E A DISTANCE OF 3941.89 FEET;

THENCE LEAVING THE WEST-EAST MID-SECTION LINE OF SAID SECTION 4, S00°00'00"E A DISTANCE OF 40.00 FEET TO THE POINT OF BEGINNING;

THENCE, S89°46'48"E A DISTANCE OF 110.15 FEET;

THENCE, S44°46'48"E A DISTANCE OF 9.19 FEET;

THENCE, S89°46'48"E A DISTANCE OF 74.00 FEET;

THENCE, N45°13'12"E A DISTANCE OF 9.19 FEET;

THENCE, S89°46'48"E A DISTANCE OF 835.18 FEET;

THENCE, S00°20'02"W A DISTANCE OF 389.96 FEET;

THENCE, S03°48'26"W A DISTANCE OF 309.80 FEET;

THENCE, S22°35'30"E A DISTANCE OF 323.81 FEET;

THENCE, S17°53'24"E A DISTANCE OF 369.95 FEET;

THENCE, S00°17'03"E A DISTANCE OF 295.67 FEET;

THENCE, S27°17'41"W A DISTANCE OF 656.11 FEET;

THENCE, S06°09'55"E A DISTANCE OF 148.77 FEET;

THENCE, S13°42'47"E A DISTANCE OF 262.81 FEET;

THENCE, S71°32'55"W A DISTANCE OF 739.82 FEET TO THE BEGINNING OF A TANGENT CURVE CONCAVE TO THE LEFT;

THENCE, SOUTHWESTERLY ALONG SAID CURVE AN ARC LENGTH OF 383.41 FEET, WITH A RADIUS OF 1419.68 FEET AND A CENTRAL ANGLE OF 15°28'26";

THENCE, S56°04'29"W A DISTANCE OF 83.91 FEET;

THENCE, N50°39'01"W A DISTANCE OF 350.43 FEET TO THE BEGINNING OF A TANGENT CURVE CONCAVE TO THE LEFT;

THENCE, NORTHWESTERLY ALONG SAID CURVE AN ARC LENGTH OF 278.01 FEET, WITH A RADIUS OF 1468.00 FEET AND A CENTRAL ANGLE OF 10°51'02";

THENCE, N19°16'39"W A DISTANCE OF 1.37 FEET;

THENCE, N60°55'43"W A DISTANCE OF 89.79 FEET

THENCE, N68°50'58"E A DISTANCE OF 21.20 FEET TO THE BEGINNING OF A NON-TANGENT CURVE CONCAVE TO THE LEFT

THENCE, NORTHWESTERLY ALONG SAID CURVE AN ARC LENGTH OF 78.38 FEET, WITH A RADIUS OF 222.50 FEET AND THE RADIAL BEARING OF N70°03'28"W AND A CENTRAL ANGLE OF 20°10'59";

THENCE, N00°14'27"W A DISTANCE OF 54.50 FEET;

THENCE, N89°45'34"E A DISTANCE OF 63.00 FEET;

THENCE, N43°56'57"W A DISTANCE OF 11.57 FEET;

THENCE, N00°14'27"W A DISTANCE OF 39.36 FEET;

THENCE, N89°45'34"E A DISTANCE OF 380.00 FEET;

THENCE, N00°14'26"W A DISTANCE OF 142.00 FEET;

THENCE, N89°45'34"E A DISTANCE OF 211.00 FEET;

THENCE, N00°14'26"W A DISTANCE OF 760.00 FEET;

THENCE, S89°45'34"W A DISTANCE OF 85.00 FEET;

THENCE, N00°14'26"W A DISTANCE OF 211.00 FEET;

THENCE, S89°45'34"W A DISTANCE OF 104.98 FEET;

THENCE, N00°14'26"W A DISTANCE OF 24.77 FEET TO THE BEGINNING OF A NON-TANGENT CURVE CONCAVE TO THE LEFT

THENCE, NORTHEASTERLY ALONG SAID CURVE AN ARC LENGTH OF 98.96 FEET, WITH A RADIUS OF 63.00 FEET AND THE RADIAL BEARING OF N00°13'12"E AND A CENTRAL ANGLE OF 90°00'00";

THENCE, N00°13'12"E A DISTANCE OF 81.34 FEET;

THENCE, N45°13'12"E A DISTANCE OF 16.00 FEET;

THENCE, S89°46'48"E A DISTANCE OF 114.42 FEET;

THENCE, N00°14'26"W A DISTANCE OF 197.01 FEET;

THENCE, N45°29'15"W A DISTANCE OF 158.02 FEET;

THENCE, N89°46'48"W A DISTANCE OF 11.51 FEET;

THENCE, N00°13'12"E A DISTANCE OF 71.42 FEET;

THENCE, N89°45'34"E A DISTANCE OF 123.16 FEET;

THENCE, N00°14'26"W A DISTANCE OF 802.62 FEET TO THE POINT OF BEGINNING.

TRACT TABLE

PARCEL TABLE			
TRACT	AREA SQ FT	AREA ACRES	USAGE
TRACT 19A	185220	4.252	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, WATER & SEWER EASEMENT, WELL STORAGE TANK OVERFLOW EASEMENT, MULTI-USE TRAIL AND PUE
TRACT 19B	217828	5.001	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE
TRACT 19C	88181	2.024	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION, MULTI-USE TRAIL AND PUE
TRACT 19D	80877	1.857	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE
TRACT 19E	1764	0.040	OPEN SPACE, DRAINAGE AND PUE
TRACT 19F	5382	0.124	OPEN SPACE, DRAINAGE AND PUE
TRACT 19G	304998	7.002	MULTI-USE TRAIL, DRAINAGE, RECREATION, WATER & SEWER EASEMENT AND PUE
TRACT 19H	842453	19.340	404 WASH, DRAINAGE, WATER & SEWER EASEMENT AND PUE
TOTAL	1726703	39.640	

LEGEND

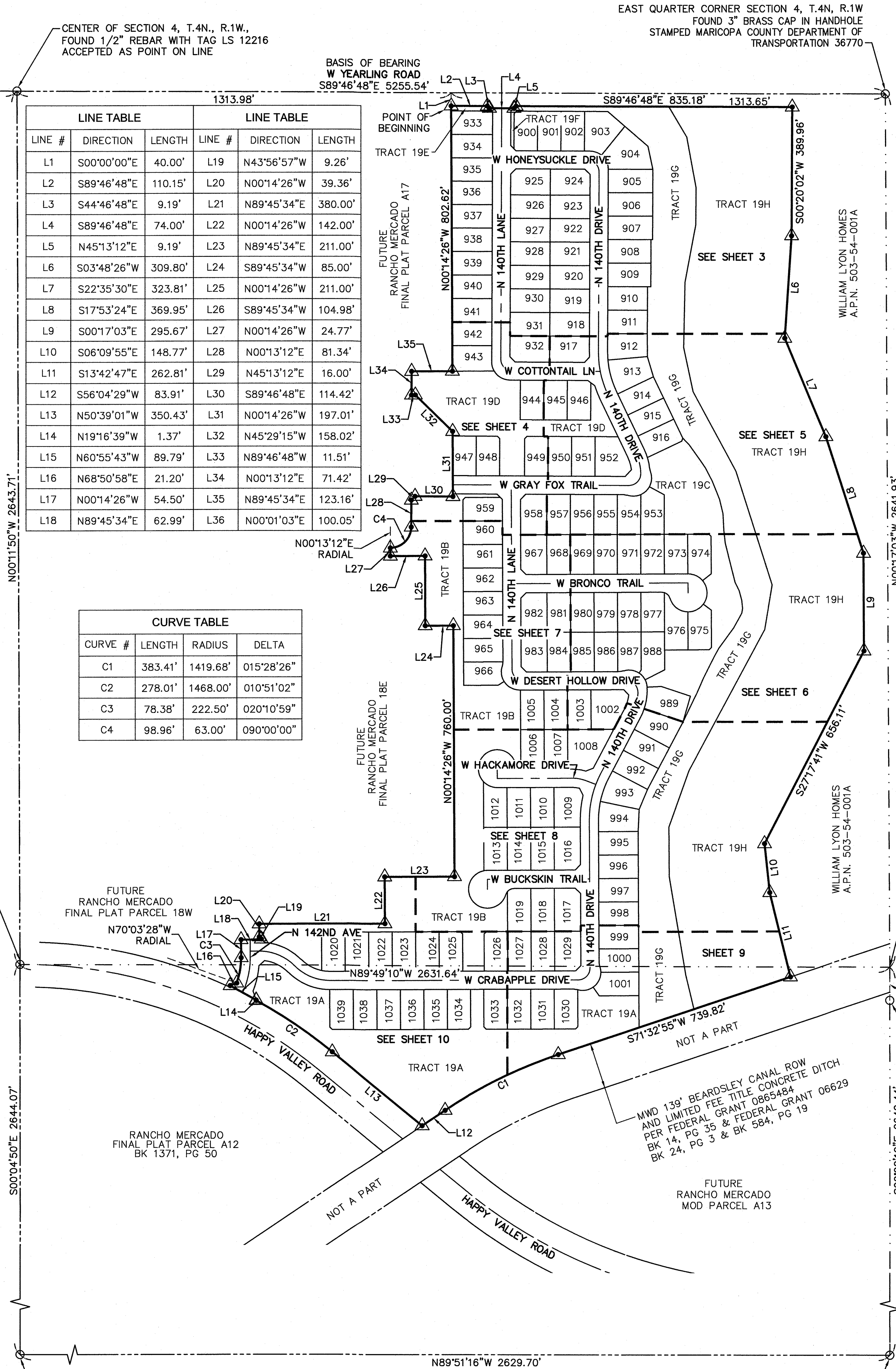
=====	SUBDIVISION BOUNDARY
=====	RIGHT OF WAY LINE
=====	EXISTING RIGHT OF WAY LINE
=====	CENTERLINE
-----	EXISTING EASEMENT LINE
-----	PROPOSED EASEMENT LINE
-----	SECTION LINE
-----	ALIQUOT SECTION LINE
▲	SUBDIVISION CORNER TO BE SET
○	FOUND MONUMENT AS NOTED
⊙	CENTERLINE MONUMENT (TO BE SET BY CITY OF SURPRISE STANDARDS)
①	30'x30' SIGHT VISIBILITY EASEMENT
②	40'x40' SIGHT VISIBILITY EASEMENT
VNAE	VEHICULAR NON-ACCESS EASEMENT
PUE	PUBLIC UTILITY EASEMENT
M.O.D.	MAP OF DEDICATION
R/W	RIGHT-OF-WAY
FBSL	FRONT BUILDING SETBACK LINE
D	DELTA
C1	CURVE TABLE NUMBER
L1	LINE TABLE NUMBER
Ⓡ	RADIAL BEARING
FP	FINAL PLAT

CITY OF SURPRISE CASE ZONING

DEVELOPMENT STANDARDS ARE PER CITY OF SURPRISE ZONING CASE FS10-210 OR AS SUBSEQUENTLY AMENDED.

SOUTH QUARTER CORNER OF SECTION 4, T.4N., R.1W.,
NORTH QUARTER CORNER OF SECTION 9, T.4N., R.1W.,
FOUND 2" ALUMINUM CAP STAMPED MARICOPA COUNTY
RLS 35832 2003

CENTER OF SECTION 9, T.4N., R.1W.,
FOUND 1/2" REBAR WITH CAP STAMPED
T. ROPE LS 21081

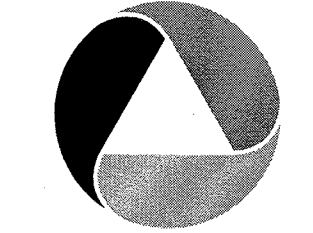


COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS:



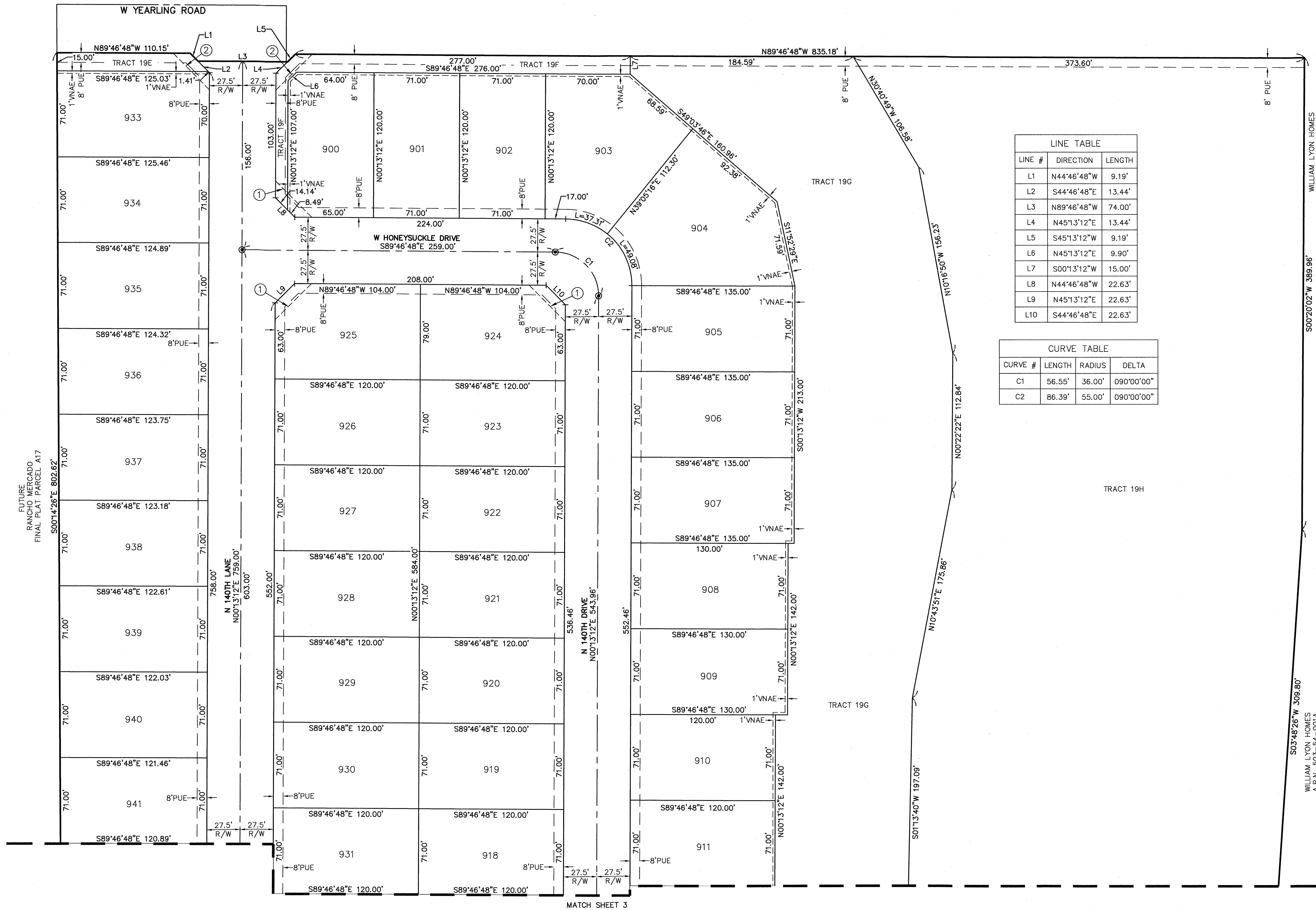
PM. J. SPRING
DR. R. GILES
JOB NO.
09001944

SCALE 0 100 200
1" = 200 FEET

09001944 FP A19.DWG

SHEET NO.
2 OF 10





LINE TABLE		
LINE #	DIRECTION	LENGTH
L1	N44°46'48"W	9.19'
L2	S44°46'48"E	13.44'
L3	N89°46'48"W	74.00'
L4	N45°13'12"E	13.44'
L5	S45°13'12"W	9.19'
L6	N45°13'12"E	9.90'
L7	S00°13'12"W	15.00'
L8	N44°46'48"W	22.63'
L9	N45°13'12"E	22.63'
L10	S44°46'48"E	22.63'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C1	56.55'	36.00'	090°00'00"
C2	86.39'	55.00'	090°00'00"

LOT TABLE\WIDTH BASED ON FBSL				LOT TABLE\WIDTH BASED ON FBSL				LOT TABLE\WIDTH BASED ON FBSL				LOT TABLE\WIDTH BASED ON FBSL			
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
900	8477	0.195	71.0'	909	9230	0.212	71.0'	924	9352	0.215	71.0'	934	8887	0.204	71.0'
901	8520	0.196	71.0'	910	8520	0.196	71.0'	925	9352	0.215	71.0'	935	8847	0.203	71.0'
902	8520	0.196	71.0'	911	8520	0.196	71.0'	926	8520	0.196	71.0'	936	8806	0.202	71.0'
903	11386	0.261	62.5'	918	8520	0.196	71.0'	927	8520	0.196	71.0'	937	8766	0.201	71.0'
904	13023	0.299	59.8'	919	8520	0.196	71.0'	928	8520	0.196	71.0'	938	8725	0.200	71.0'
905	9585	0.220	71.0'	920	8520	0.196	71.0'	929	8520	0.196	71.0'	939	8685	0.199	71.0'
906	9585	0.220	71.0'	921	8520	0.196	71.0'	930	8520	0.196	71.0'	940	8644	0.198	71.0'
907	9585	0.220	71.0'	922	8520	0.196	71.0'	931	8520	0.196	71.0'	941	8604	0.198	71.0'
908	9230	0.212	71.0'	923	8520	0.196	71.0'	933	8927	0.205	71.0'				

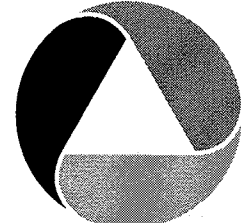


COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS:



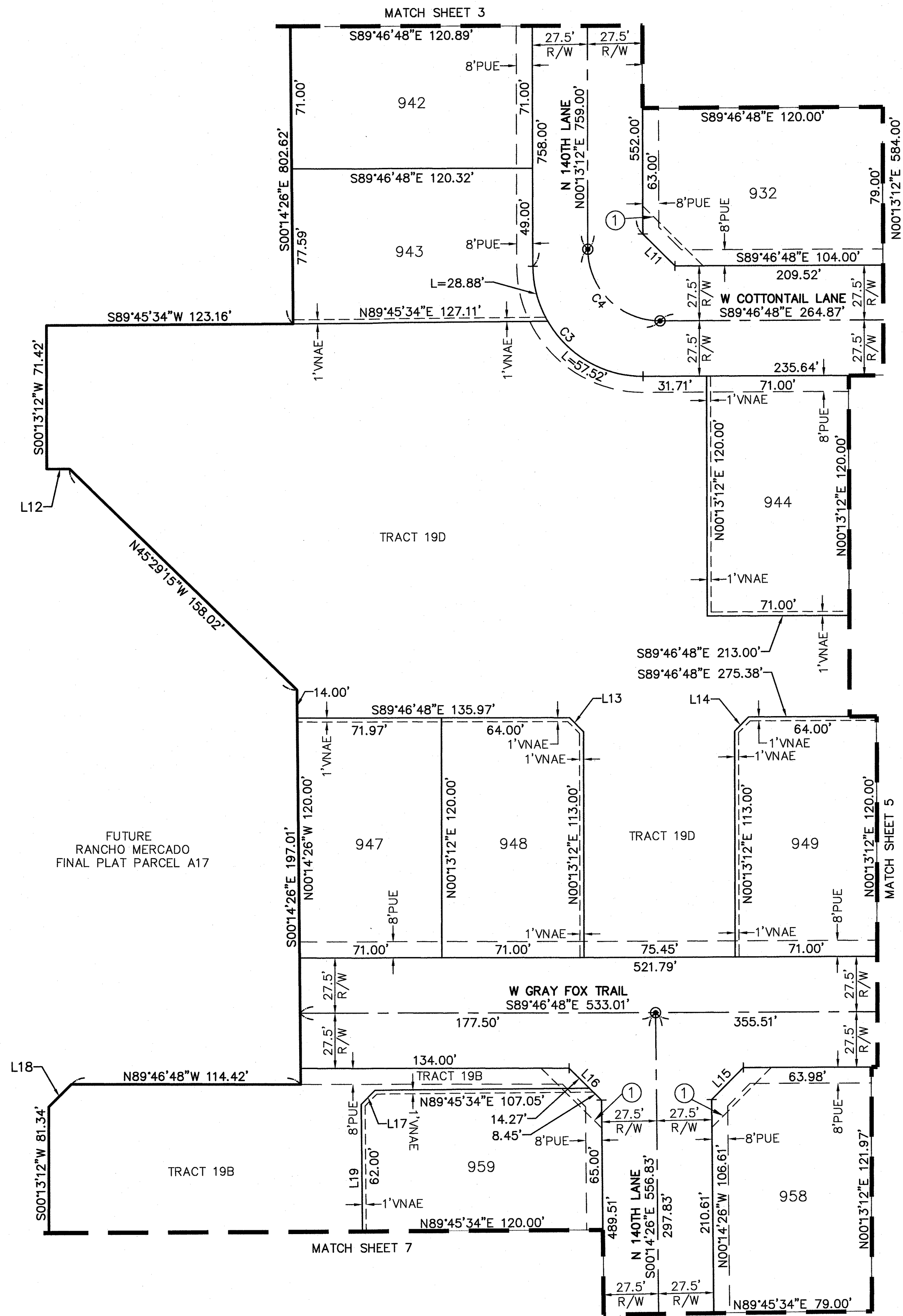
PM. J. SPRING
DR. R. GILES
JOB NO. 09001944

SCALE 0 20 50
1" = 40 FEET

09001944.FP.A19.DWG

SHEET NO.

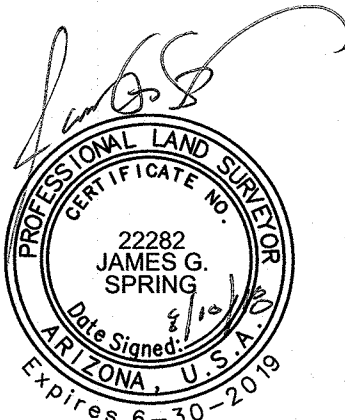
3 OF 10



LOT TABLE\WIDTH BASED ON FBSL			
LOT	AREA SQ. FT.	AREA ACRES	WIDTH
932	9352	0.215	75.0'
942	8563	0.197	71.0'
943	9320	0.214	76.7'
944	8520	0.196	71.0'
947	8578	0.197	71.0'
948	8496	0.195	71.0'
949	8495	0.195	71.0'
958	9593	0.220	75.9'
959	8478	0.195	71.0'

LINE TABLE		
LINE #	DIRECTION	LENGTH
L11	N44°46'48"W	22.63'
L12	S89°46'48"E	11.51'
L13	S44°46'48"E	9.90'
L14	N45°13'12"E	9.90'
L15	N44°59'23"E	22.54'
L16	S45°00'37"E	22.72'
L17	N44°45'34"E	9.90'
L18	S45°13'12"W	16.00'
L19	N00°14'26"W	561.00'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C3	86.39'	55.00'	090°00'00"
C4	56.55'	36.00'	090°00'00"

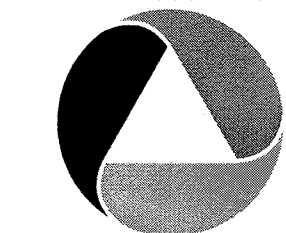


COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

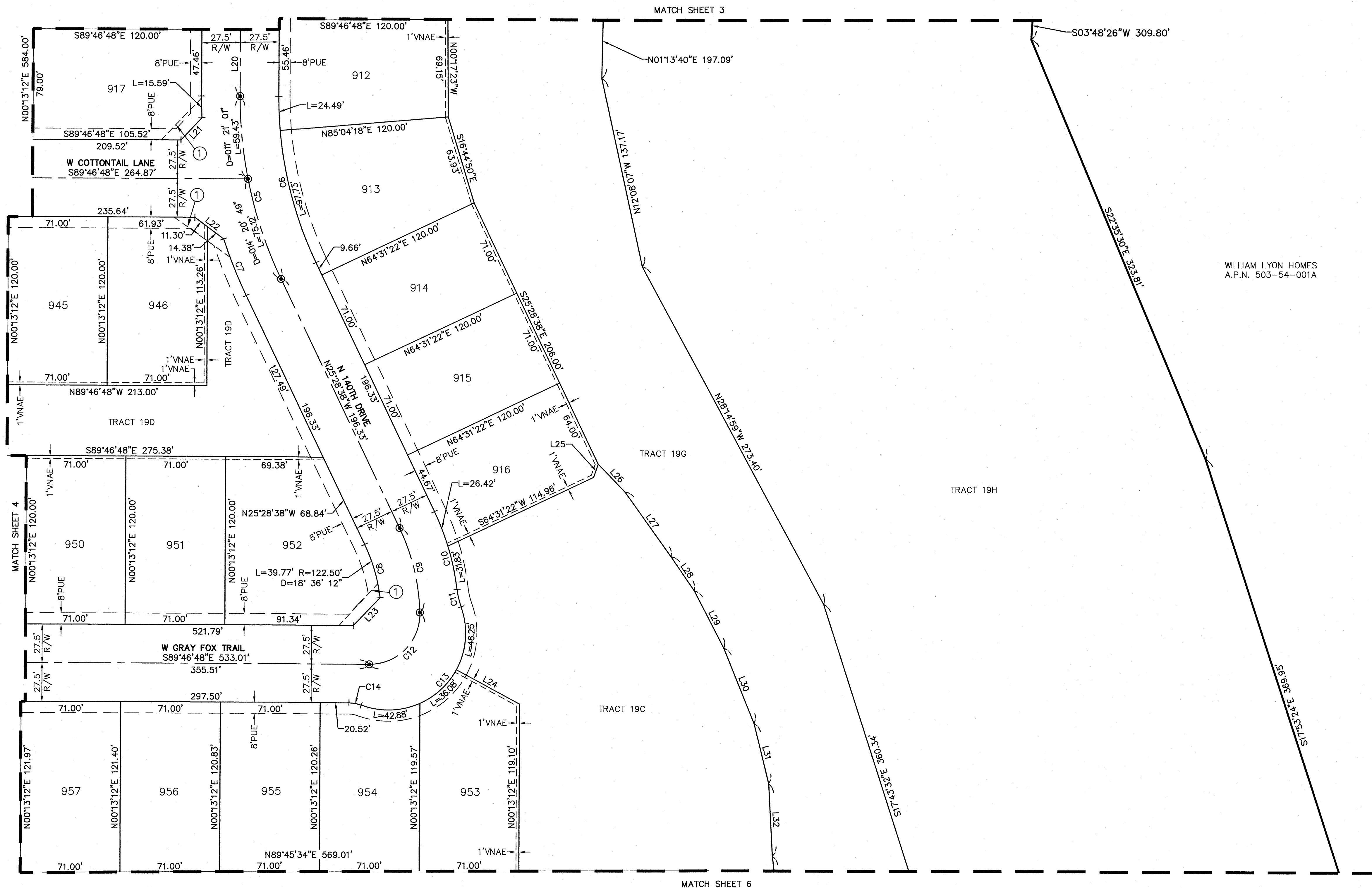
REVISIONS:



PM. J. SPRING
DR. R. GILES
JOB NO.
09001944

SCALE 0 20 40
1" = 40 FEET

09001944.FP.A19.DWG
SHEET NO.
4 OF 10



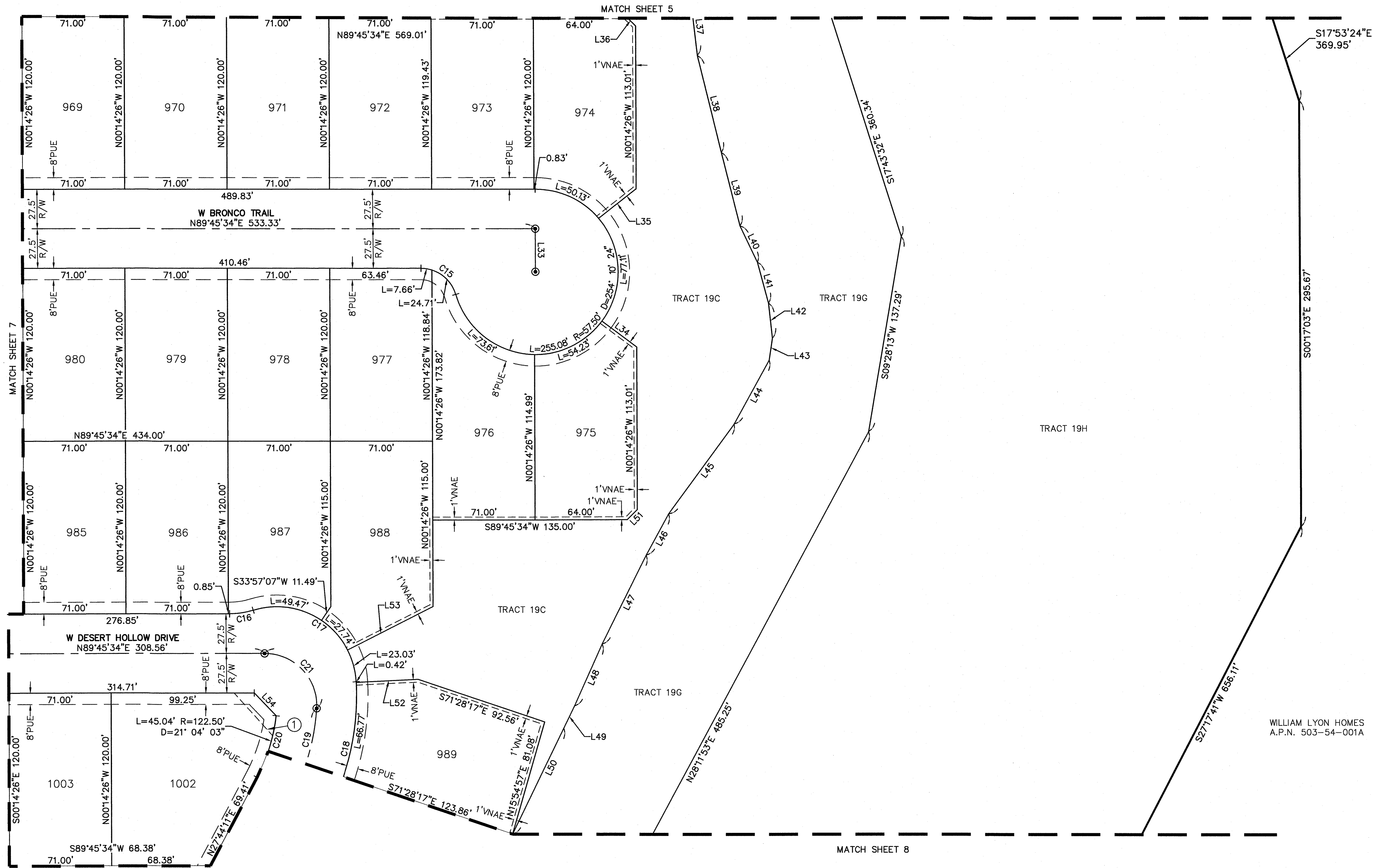
WILLIAM LYON HOMES
A.P.N. 503-54-001A

LOT TABLE\WIDTH BASED ON FBSL				
LOT	AREA SQ FT	AREA ACRES	WIDTH	
912	8965	0.206	78.9'	
913	10440	0.240	103.1'	
914	8520	0.196	71.0'	
915	8520	0.196	71.0'	
916	8513	0.195	71.1'	
917	9369	0.215	76.3'	
945	8520	0.196	71.0'	
946	8489	0.195	71.0'	
950	8520	0.196	71.0'	
951	8520	0.196	71.0'	
952	11269	0.259	102.8'	
953	9261	0.213	71.0'	
954	8363	0.192	72.0'	
955	8559	0.196	71.0'	
956	8599	0.197	71.0'	
957	8640	0.198	71.0'	

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L20	N00°13'12"E	543.96'	L27	N35°18'21"W	56.76'
L21	S43°09'24"W	21.80'	L28	N34°18'27"W	29.45'
L22	S53°08'28"E	25.68'	L29	N27°13'57"W	45.92'
L23	S43°52'35"W	27.61'	L30	N21°56'44"W	57.92'
L24	S61°40'20"E	51.16'	L31	N13°34'57"W	44.23'
L25	S19°31'22"W	9.90'	L32	N02°55'56"W	51.48'
L26	N43°58'12"W	27.42'			

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C5	134.55'	300.00'	025°41'50"
C6	122.22'	272.50'	025°41'50"
C7	43.30'	327.50'	007°34'32"
C8	39.77'	122.50'	018°36'13"
C9	62.47'	150.00'	023°51'45"
C10	58.26'	177.50'	018°48'20"
C11	12.65'	55.00'	013°10'42"
C12	57.70'	36.00'	091°50'05"
C13	125.21'	55.00'	130°26'03"
C14	8.89'	25.00'	020°21'51"





LOT TABLE\WIDTH BASED ON FBLS				LOT TABLE\WIDTH BASED ON FBLS			
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
969	8520	0.196	71.0'	979	8520	0.196	71.0'
970	8520	0.196	71.0'	980	8520	0.196	71.0'
971	8520	0.196	71.0'	985	8520	0.196	71.0'
972	8520	0.196	71.0'	986	8520	0.196	71.0'
973	8520	0.196	71.0'	987	8376	0.192	71.0'
974	9039	0.208	71.0'	988	9355	0.215	71.0'
975	8798	0.202	71.0'	989	10029	0.230	71.3'
976	9650	0.222	71.0'	1002	11557	0.265	110.6'
977	8517	0.196	71.0'	1003	8520	0.196	71.0'
978	8520	0.196	71.0'				

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L33	S00°14'26"E	30.00'	L44	S28°44'47"W	50.47'
L34	S53°26'58"E	30.12'	L45	S36°03'06"W	77.46'
L35	S51°40'39"W	33.23'	L46	S28°23'32"W	32.61'
L36	N45°14'26"W	9.90'	L47	S26°23'37"W	68.87'
L37	N06°42'47"W	38.17'	L48	S23°53'13"W	47.23'
L38	S13°54'53"E	69.42'	L49	S25°44'21"W	17.23'
L39	S14°21'28"E	52.60'	L50	S25°44'21"W	81.65'
L40	S25°33'20"E	28.06'	L51	S44°45'33"W	9.90'
L41	S15°11'21"E	29.38'	L52	N86°59'19"E	43.02'
L42	S06°16'32"E	24.54'	L53	S62°51'00"W	66.53'
L43	S08°13'14"W	15.31'	L54	S43°39'29"E	21.99'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C15	32.36'	25.00'	074°10'24"
C16	16.65'	55.00'	017°20'29"
C17	100.24'	55.00'	104°25'20"
C18	95.72'	177.50'	030°53'47"
C19	63.68'	150.00'	024°19'31"
C20	45.04'	122.50'	021°04'04"
C21	58.84'	36.00'	093°39'07"



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MESA, AZ 85206
480.216.8851

COUNTY: MARICOPA

SECTION: 4 & 9

TOWNSHIP: 4 NORTH

RANGE: 1 WEST

FINAL PLAT

RANCHO MERCADO

PARCEL A19

CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS:

ATWELL

PM. J. SPRING

DR. R. GILES

JOB NO. 09001944

SCALE 0 20 40
1" = 40 FEET

09001944.FP.A19.DWG

SHEET NO. 6 OF 10

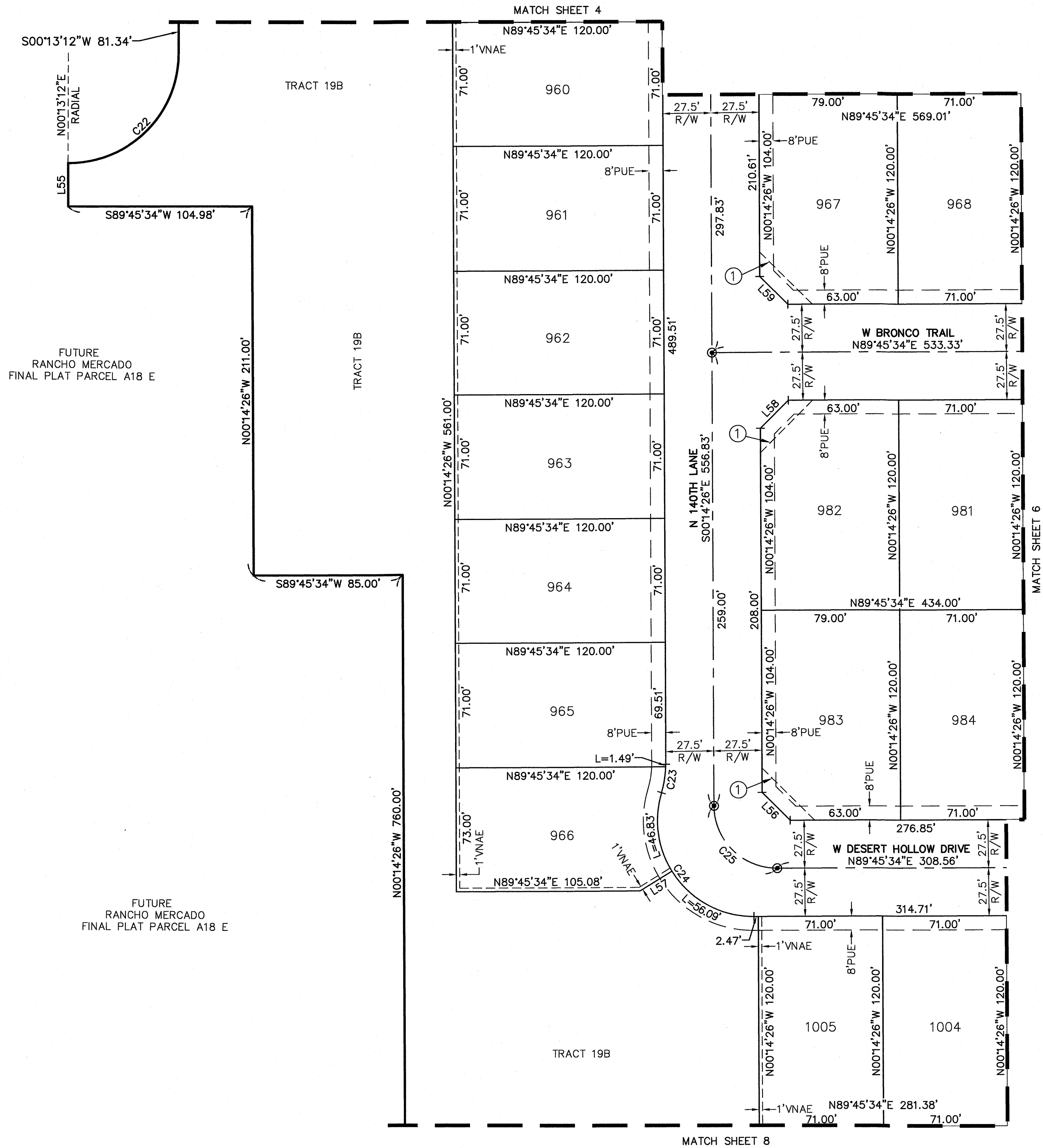
22282

JAMES G. SPRING

REGISTERED PROFESSIONAL LAND SURVEYOR

STATE OF ARIZONA

EXPIRES 6-30-2019

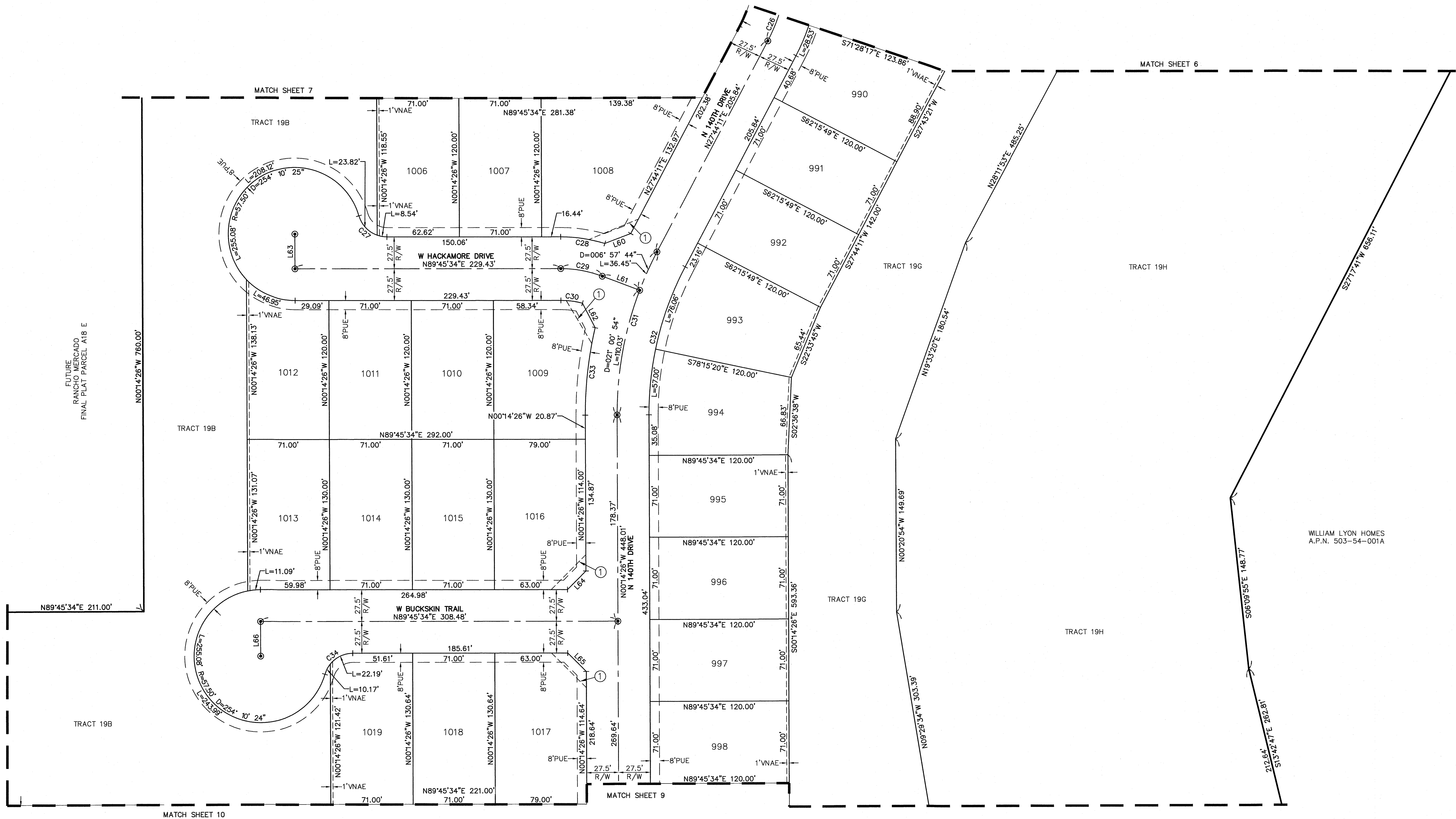


LOT TABLE\WIDTH BASED ON FBLS				
LOT	AREA SQ FT	AREA ACRES	WIDTH	
960	8520	0.196	71.0'	
961	8520	0.196	71.0'	
962	8520	0.196	71.0'	
963	8520	0.196	71.0'	
964	8520	0.196	71.0'	
965	8520	0.196	71.0'	
966	8308	0.191	69.2'	
967	9352	0.215	75.0'	
968	8520	0.196	71.0'	
981	8520	0.196	71.0'	
982	9352	0.215	75.0'	
983	9352	0.215	75.0'	
984	8520	0.196	71.0'	
1004	8520	0.196	71.0'	
1005	8520	0.196	71.0'	

LINE TABLE		
LINE #	DIRECTION	LENGTH
L55	N00°14'26"W	24.77'
L56	N45°14'26"W	22.63'
L57	N58°11'12"E	21.29'
L58	N44°45'34"E	22.63'
L59	N45°14'26"W	22.63'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C22	98.96'	63.00'	090°00'00"
C23	16.52'	55.00'	017°12'35"
C24	102.91'	55.00'	107°12'35"
C25	56.55'	36.00'	090°00'00"

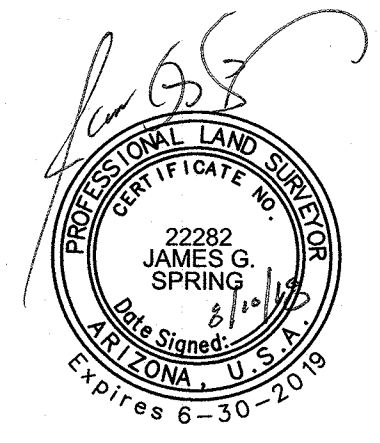




LOT TABLE\WIDTH BASED ON FBSL				LOT TABLE\WIDTH BASED ON FBSL			
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
990	9522	0.219	69.2'	1009	9752	0.224	81.8'
991	8520	0.196	71.0'	1010	8520	0.196	71.0'
992	8520	0.196	71.0'	1011	8520	0.196	71.0'
993	10007	0.230	99.2'	1012	8755	0.201	71.0'
994	9620	0.221	82.1'	1013	9234	0.212	71.0'
995	8520	0.196	71.0'	1014	9230	0.212	71.0'
996	8520	0.196	71.0'	1015	9230	0.212	71.0'
997	8520	0.196	71.0'	1016	10142	0.233	75.0'
998	8520	0.196	71.0'	1017	10192	0.234	75.0'
1006	8516	0.196	71.0'	1018	9275	0.213	71.0'
1007	8520	0.196	71.0'	1019	9221	0.212	71.0'
1008	13012	0.299	82.0'				

LINE TABLE		
LINE #	DIRECTION	LENGTH
L60	S69°14'35"W	23.96'
L61	S69°13'32"E	34.55'
L62	S27°16'37"E	23.87'
L63	N00°14'26"W	30.00'
L64	S44°45'34"W	22.63'
L65	S45°14'26"E	22.63'
L66	S00°14'26"E	30.00'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C26	63.68'	150.00'	024°19'31"
C27	32.36'	25.00'	074°10'24"
C28	38.70'	127.50'	017°23'35"
C29	36.68'	100.00'	021°00'54"
C30	18.82'	72.50'	014°52'35"
C31	146.49'	300.00'	027°58'38"
C32	133.06'	272.50'	027°58'38"
C33	76.11'	327.50'	013°18'58"
C34	32.36'	25.00'	074°10'23"

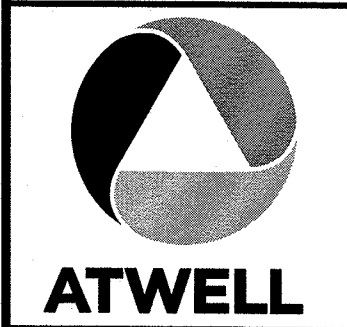


COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

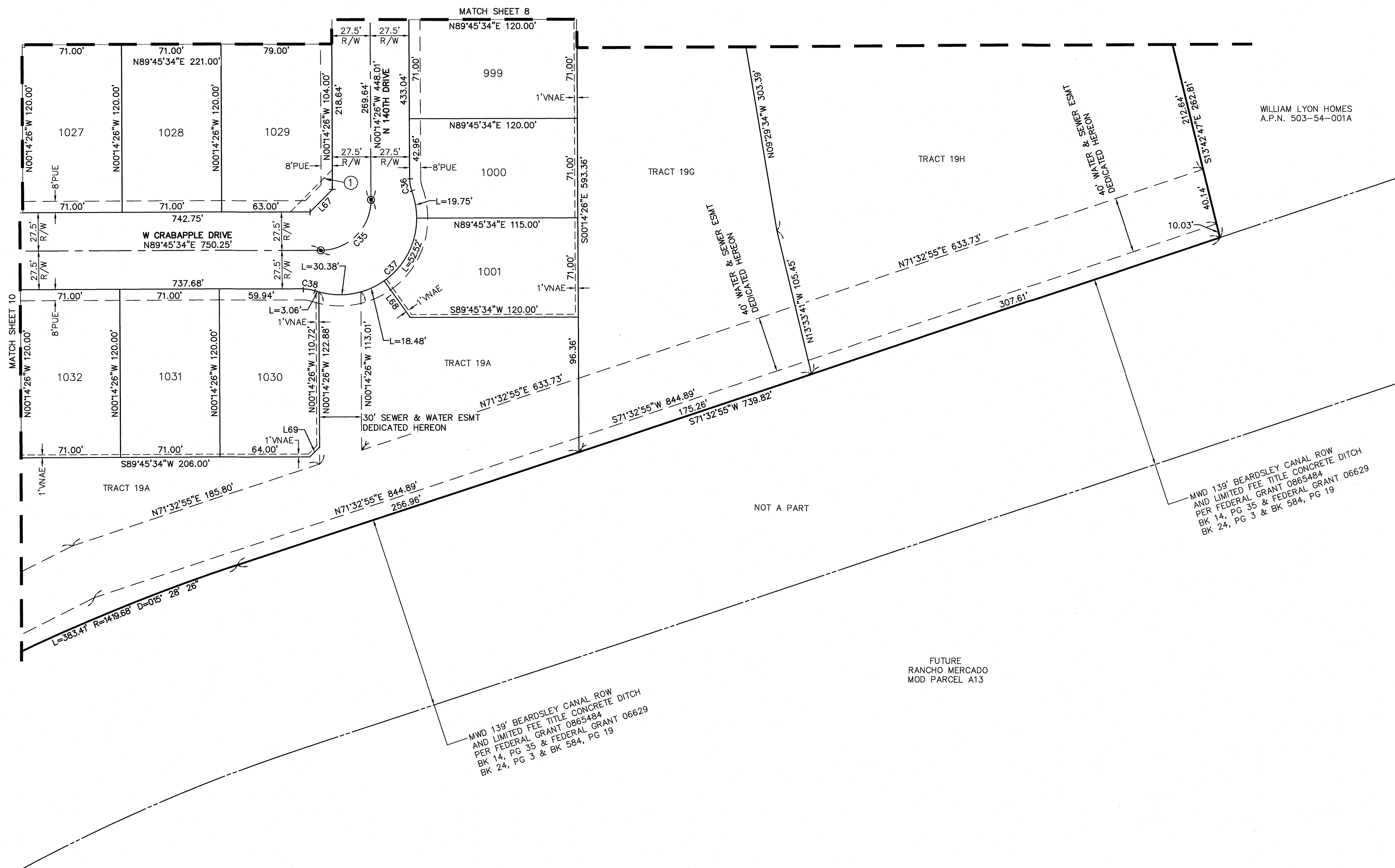
REVISIONS:



PM. J. SPRING
DR. R. GILES
JOB NO. 09001944

SCALE 0 20 50
1" = 40 FEET

09001944 FP A19.DWG



LOT TABLE\WIDTH BASED ON FBSL			
LOT	AREA SQ FT	AREA ACRES	WIDTH
999	8520	0.196	71.0'
1000	8440	0.194	71.0'
1001	8851	0.203	71.0'
1027	8520	0.196	71.0'
1028	8520	0.196	71.0'
1029	9352	0.215	75.0'
1030	8486	0.195	71.0'
1031	8520	0.196	71.0'
1032	8520	0.196	71.0'

LINE TABLE		
LINE #	DIRECTION	LENGTH
L67	S44°45'34"W	22.63'
L68	N35°19'02"W	32.01'
L69	S44°45'34"W	9.90'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C35	56.55'	36.00'	090°00'00"
C36	8.89'	25.00'	020°21'51"
C37	124.19'	55.00'	129°22'33"
C38	8.30'	25.00'	019°00'42"



COUNTY: MARICOPA
SECTION: 4 & 9
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FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS:

ATWELL
PM. J. SPRING
DR. R. GILES
JOB NO. 09001944
SCALE 0 20 40
1" = 40 FEET
09001944 FP A19.DWG
SHEET NO. 9 OF 10

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LOT TABLE\WIDTH BASED ON FBSL				LOT TABLE\WIDTH BASED ON FBSL			
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
1020	8473	0.195	71.0'	1033	8495	0.195	71.0'
1021	8520	0.196	71.0'	1034	8495	0.195	71.0'
1022	8520	0.196	71.0'	1035	8520	0.196	71.0'
1023	8520	0.196	71.0'	1036	8520	0.196	71.0'
1024	8520	0.196	71.0'	1037	8520	0.196	71.0'
1025	8495	0.195	71.0'	1038	8520	0.196	71.0'
1026	8495	0.195	71.0'	1039	8496	0.195	71.0'

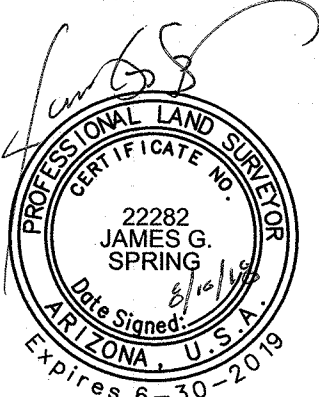
LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L70	N44°45'34"E	9.90'	L80	S19°16'39"E	1.37'
L71	S45°14'26"E	9.90'	L81	N48°16'12"E	22.56'
L72	N44°45'34"E	9.90'	L82	N00°14'27"W	54.50'
L73	S00°14'26"E	39.36'	L83	N89°45'34"E	27.50'
L74	N43°56'57"W	11.57'	L84	N43°56'57"W	11.57'
L75	S89°45'34"W	62.99'	L85	N45°14'26"W	9.90'
L76	S00°14'26"E	54.50'	L86	S39°20'59"W	40.21'
L77	N68°50'58"E	21.20'	L87	S39°20'59"W	31.76'
L78	S60°55'43"E	89.79'	L88	S44°45'34"W	9.90'
L79	S26°38'52"W	61.71'	L89	N45°14'26"W	9.90'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C34	97.23'	122.50'	045°28'39"
C35	119.06'	150.00'	045°28'39"
C36	140.89'	177.50'	045°28'39"
C37	81.34'	122.50'	038°02'40"
C38	119.06'	150.00'	045°28'39"
C39	124.88'	177.50'	040°18'40"
C40	78.38'	222.50'	020°10'59"
C41	957.15'	1400.00'	039°10'19"
C42	80.05'	277.50'	016°31'38"
C43	108.87'	250.00'	024°57'07"

RANCHO MERCADO
FINAL PLAT
PARCEL A12
BK 1371, PG 50

WMD 139' BEARDSLEY CANAL ROW
AND LIMITED FEE TITLE CONCRETE
PER FEDERAL GRANT 0665484
BK 14, PG 55 & FEDERAL GRANT 06629
BK 24, PG 3 & BK 584, PG 19

FUTURE
RANCHO MERCADO
MOD PARCEL A13

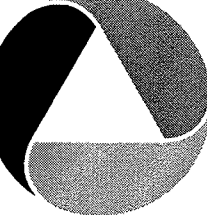


COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
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FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS:



PM. J. SPRING
DR. R. GILES
JOB NO.
09001944

SCALE 0 20 50
1" = 40 FEET

09001944 FP A19.DWG

SHEET NO.
10 OF 10



Rancho Mercado

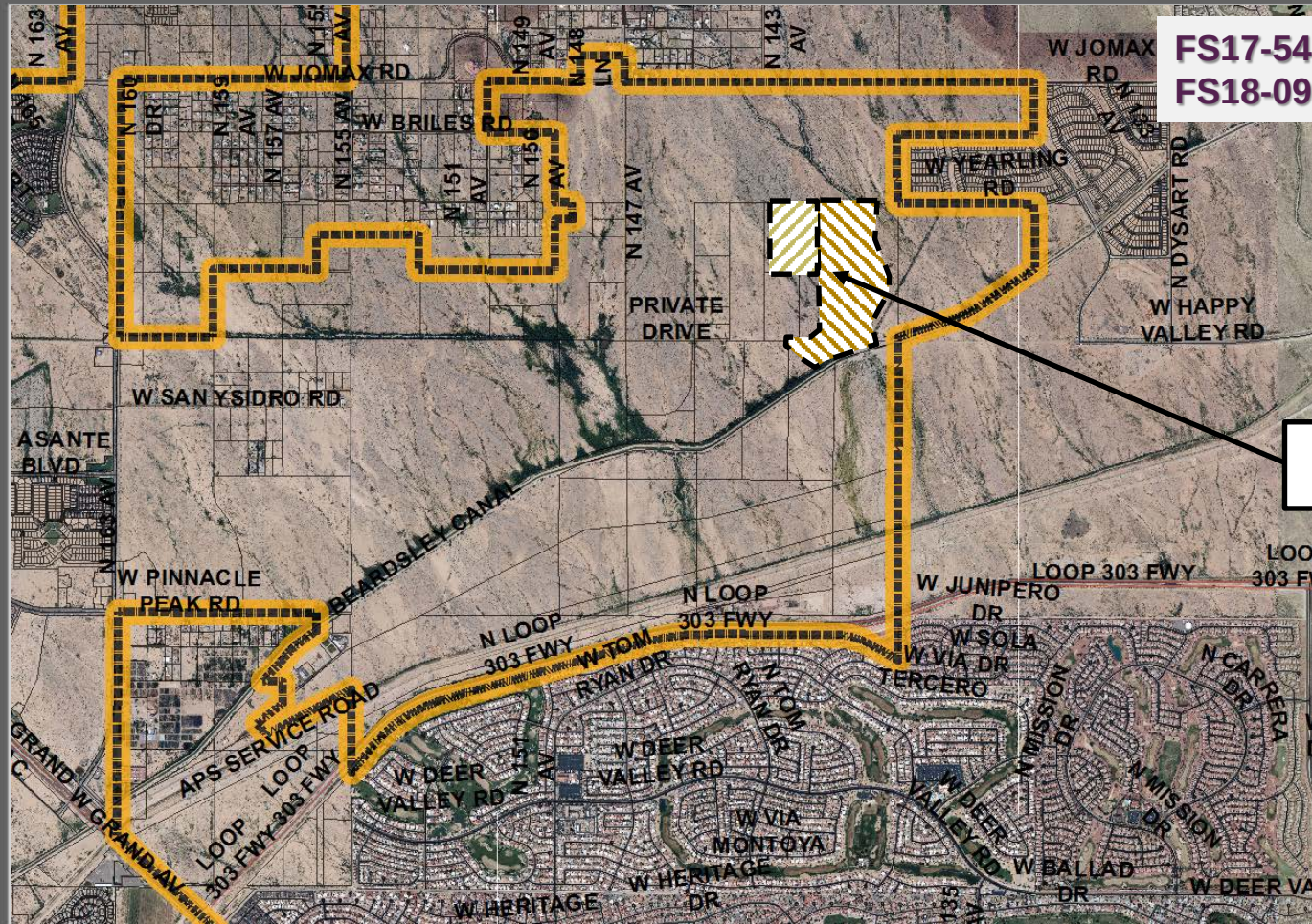
FS17-546 Parcel A17 Final Plat
FS18-093 Parcel A19 Final Plat

City Council
November 6, 2018

Vicinity Map



FS17-546 Parcel A17 Final Plat
FS18-093 Parcel A19 Final Plat

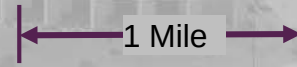


Subject Site

Case Map



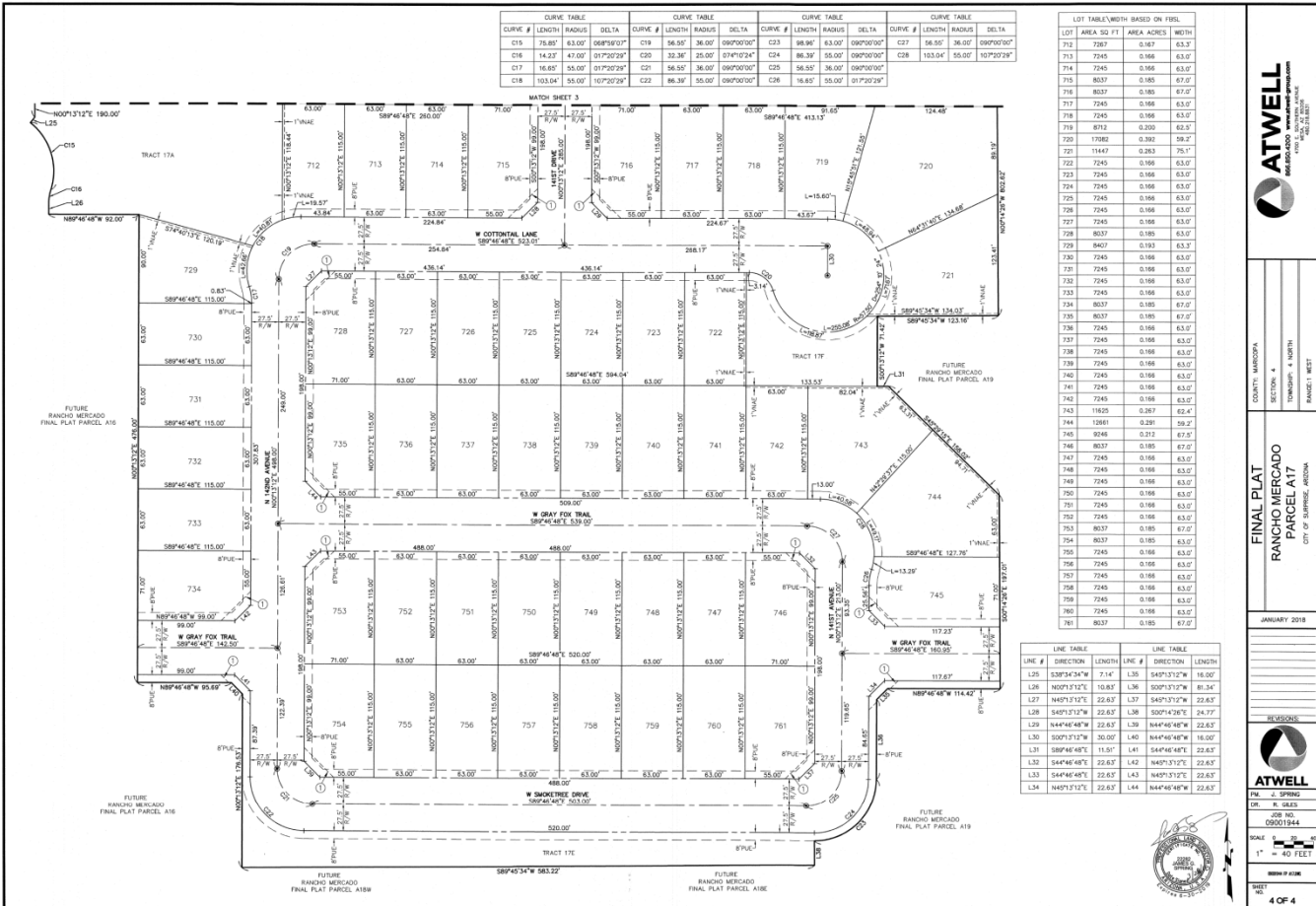
North



LOT TABLET BASED BASED ON FSL				LOT TABLET BASED BASED ON FSL				LOT TABLET BASED BASED ON FSL						
LOT	AREA	5Q1	AREA	5Q1	LOT	AREA	5Q1	AREA	5Q1	LOT	AREA	5Q1	AREA	5Q1
614	7530	0.173	63.7	807	8037	0.185	67.7	709	7414	0.170	63.0	63.0		
735	7880	0.174	63.7	888	8037	0.185	67.7	709	7414	0.171	63.0	63.0		
615	7530	0.173	63.7	807	8037	0.185	67.7	709	7414	0.171	63.0	63.0		
617	8038	0.189	66.2	808	7245	0.166	63.7	703	1704	0.184	62.6	62.6		
618	10537	0.356	58.9	745	1164	0.317	57.4	8576	10.397	0.391	59.9	59.9		
619	12000	0.278	74.4	882	7245	0.166	63.7	703	7245	0.166	63.0	63.0		
640	7530	0.173	63.7	807	8037	0.185	67.7	709	7414	0.171	63.0	63.0		
685	7882	0.164	63.5	849	7321	0.168	63.7	703	10307	0.172	63.0	63.0		
683	8037	0.185	67.7	808	7245	0.166	63.7	703	8037	0.185	67.0	67.0		
683	7245	0.166	63.7	806	7034	0.173	63.7	709	7245	0.166	63.0	63.0		
684	7245	0.166	63.0	807	7245	0.168	63.7	703	7245	0.166	63.0	63.0		
685	7245	0.166	63.0	807	7245	0.168	63.7	703	7245	0.166	63.0	63.0		
686	7245	0.166	63.0	807	7245	0.168	63.7	703	7245	0.166	63.0	63.0		

FS17-546 Parcel A17 Final Plat

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COUNTY: MARICOPA
SECTION: 4
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A17
CITY OF SURPRISE, ARIZONA

JANUARY 2018

REVISIONS:



PM: J. SPRING
DR: R. GILES

JOB NO: 09001944

SCALE: 1" = 40 FEET

4 OF 4

FS18-096 Parcel A19 Final Plat

LEGAL DESCRIPTION

A PORTION OF THE SOUTHEAST QUARTER OF SECTION 4 AND THE NORTHEAST QUARTER OF SECTION 9, TOWNSHIP 4 NORTH, RANGE 1 WEST, OF THE DELTA AND SALT RIVER BASIN AND MORGAN MARQUICO PARCELS, ARIZONA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCEMENT AT A FOUND 2" ALUMINUM CAP STAMPED MARQUICO COUNTY RLS 30623 2003, ACQUIRED AS THE WEST QUARTER CORNER OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, FROM THE PUBLIC BUREAU OF LAND MANAGEMENT, STAMPED MARQUICO COUNTY DEPARTMENT OF TRANSPORTATION 30770, ACQUIRED AS THE EAST QUARTER CORNER OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, THEREOF BEARS 58°46'48"E A DISTANCE OF 5055.54'

THENCE, ALONG THE WEST-EAST MID-SECTION LINE OF SAID SECTION 4, 58°46'48"E A DISTANCE OF 384.18 FEET;

THENCE LEAVING THE WEST-EAST MID-SECTION LINE OF SAID SECTION 4, 90°00'00" A DISTANCE OF 45.00 FEET TO THE POINT OF BEGINNING;

THENCE, 58°46'48"E A DISTANCE OF 110.15 FEET;

THENCE, 58°46'48"E A DISTANCE OF 8.19 FEET;

THENCE, 58°46'48"E A DISTANCE OF 74.00 FEET;

THENCE, 58°46'48"E A DISTANCE OF 9.16 FEET;

THENCE, 58°46'48"E A DISTANCE OF 835.18 FEET;

THENCE, 50°02'02"W A DISTANCE OF 388.86 FEET;

THENCE, 50°48'28"W A DISTANCE OF 308.80 FEET;

THENCE, 50°25'05"E A DISTANCE OF 50.89 FEET;

THENCE, 51°53'24"E A DISTANCE OF 368.85 FEET;

THENCE, 50°07'02"E A DISTANCE OF 250.67 FEET;

THENCE, 52°17'41"W A DISTANCE OF 656.11 FEET;

THENCE, 50°07'02"E A DISTANCE OF 148.77 FEET;

THENCE, 51°34'47"E A DISTANCE OF 262.81 FEET;

THENCE, 51°12'50"W A DISTANCE OF 728.62 FEET TO THE BEGINNING OF A TANGENT CURVE CONGRUE TO THE LEFT;

THENCE, SOUTHWESTERLY ALONG SAID CURVE AN ARC LENGTH OF 385.1 FEET, WITH A RADIUS OF 1768.6 FEET AND A CENTRAL ANGLE OF 10°25'25";

THENCE, 58°05'20"W A DISTANCE OF 83.61 FEET;

THENCE, 50°05'00"W A DISTANCE OF 350.43 FEET TO THE BEGINNING OF A TANGENT CURVE CONGRUE TO THE LEFT;

THENCE, NORTHWESTERLY ALONG SAID CURVE AN ARC LENGTH OF 278.01 FEET, WITH A RADIUS OF 1488.0 FEET AND A CENTRAL ANGLE OF 10°01'02";

THENCE, 58°46'48"E A DISTANCE OF 88.79 FEET;

THENCE, 58°46'48"E A DISTANCE OF 88.79 FEET;

THENCE, 58°46'48"E A DISTANCE OF 63.80 FEET;

THENCE, 58°46'48"E A DISTANCE OF 11.57 FEET;

THENCE, 58°46'48"E A DISTANCE OF 38.36 FEET;

THENCE, 58°46'48"E A DISTANCE OF 380.00 FEET;

THENCE, 58°46'48"E A DISTANCE OF 144.00 FEET;

THENCE, 58°46'48"E A DISTANCE OF 211.00 FEET;

THENCE, 58°46'48"E A DISTANCE OF 760.00 FEET;

THENCE, 58°46'48"E A DISTANCE OF 85.00 FEET;

THENCE, 58°46'48"E A DISTANCE OF 211.00 FEET;

THENCE, 58°46'48"E A DISTANCE OF 104.08 FEET;

THENCE, 58°46'48"E A DISTANCE OF 24.77 FEET TO THE BEGINNING OF A NON-TANGENT CURVE CONGRUE TO THE LEFT;

THENCE, NORTHWESTERLY ALONG SAID CURVE AN ARC LENGTH OF 48.96 FEET, WITH A RADIUS OF 45.00 FEET AND THE RADIAL BEARING OF N70°02'15"W AND A CENTRAL ANGLE OF 90°00'00";

THENCE, 58°46'48"E A DISTANCE OF 81.34 FEET;

THENCE, 58°46'48"E A DISTANCE OF 16.00 FEET;

THENCE, 58°46'48"E A DISTANCE OF 114.43 FEET;

THENCE, 58°46'48"E A DISTANCE OF 197.01 FEET;

THENCE, 58°46'48"E A DISTANCE OF 158.02 FEET;

THENCE, 58°46'48"E A DISTANCE OF 11.51 FEET;

THENCE, 58°46'48"E A DISTANCE OF 71.42 FEET;

THENCE, 58°46'48"E A DISTANCE OF 123.16 FEET;

THENCE, 58°46'48"E A DISTANCE OF 802.62 FEET TO THE POINT OF BEGINNING.

TRACT TABLE

TRACT	AREA SQ FT	AREA ACRES	USAGE
TRACT 18A	16029	4.252	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, WATER & SEWER EASEMENT, WELL, STORAGE, TRAIL, OUTFLOW EASEMENT, MULTI-USE TRAIL AND PUE
TRACT 18B	27128	6.222	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE
TRACT 18C	8859	2.024	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION, MULTI-USE TRAIL AND PUE
TRACT 18D	88677	1.807	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE
TRACT 18E	1764	0.040	OPEN SPACE, DRAINAGE AND PUE
TRACT 18F	5382	0.124	OPEN SPACE, DRAINAGE AND PUE
TRACT 18G	24488	0.561	MULTI-USE TRAIL, DRAINAGE, RECREATION, WATER & SEWER EASEMENT AND PUE
TRACT 18H	842453	19.340	604 WASH, DRAINAGE, WATER & SEWER EASEMENT AND PUE
TOTAL	1728703	39.640	

LEGEND

- SUBDIVISION BOUNDARY
- RIGHT OF WAY LINE
- EXISTING RIGHT OF WAY LINE
- CENTERLINE
- EXISTING EASEMENT LINE
- PROPOSED EASEMENT LINE
- SECTION LINE
- ALIGNED SECTION LINE
- SUBDIVISION CORNER TO BE SET
- FOUND MONUMENT AS NOTED
- CENTERLINE MONUMENT (TO BE SET BY CITY OF SURPRISE STANDARDS)
- 30°/30° SHORT VISIBILITY EASEMENT
- 40°/40° SHORT VISIBILITY EASEMENT
- VEHICULAR NON-ACCESS EASEMENT
- PUBLIC UTILITY EASEMENT
- M.O.D.
- MAP OF DEDICATION
- R/W
- RIGHT-OF-WAY
- FRONT BUILDING SETBACK LINE
- D
- CURVE TABLE NUMBER
- LI
- LINE TABLE NUMBER
- RADIAL BEARING
- FINAL PLAT

CITY OF SURPRISE CENSUS ZONING

DEVELOPMENT STANDARDS ARE PER CITY OF SURPRISE ZONING CASE FS10-210 OR AS SUBSEQUENTLY AMENDED.



COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS



PL: 0 SPRING
OR: R. GLETS
R. GLETS
09001944

SCALE: 1" = 200 FEET

BOOK 19

PAGE 10

2 OF 10

FS18-096 Parcel A19 Final Plat



COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS



PL: J. SPRING
DR: R. GILES
JOB NO:
09001944

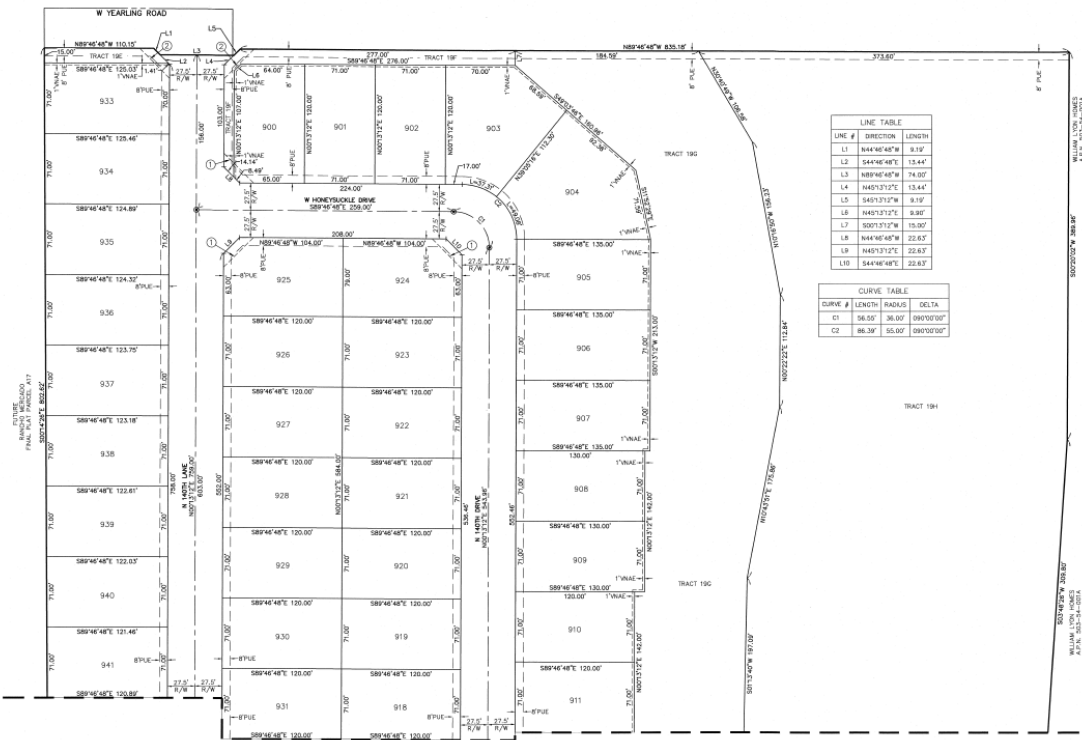
SCALE
1" = 40 FEET

SHEET
3 OF 10



LINE #	DIRECTION	LENGTH
L1	S44°46'48"W	9.19'
L2	S44°46'48"W	12.44'
L3	N89°46'48"W	74.00'
L4	N48°13'12"E	13.44'
L5	S48°13'12"E	9.19'
L6	N48°13'12"E	9.80'
L7	S00°13'12"W	15.00'
L8	N44°46'48"W	22.63'
L9	N48°13'12"E	22.63'
L10	S44°46'48"W	22.63'

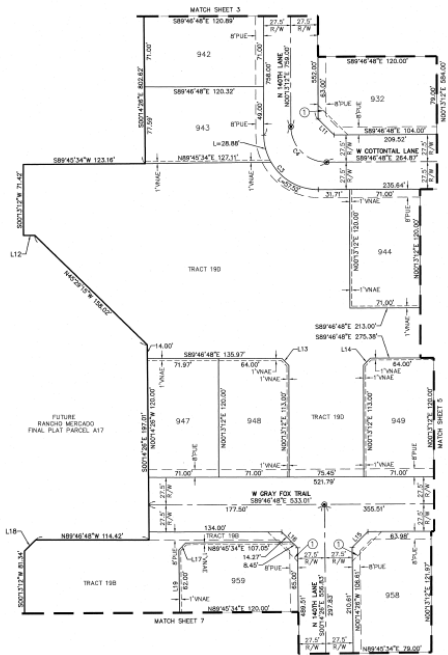
CURVE #	LENGTH	RADIUS	DELTA
C1	58.50'	36.00'	99°10'00"
C2	86.39'	55.00'	99°10'00"



MATCH SHEET 3

LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
900	8477	0.195	71.0'	908	9230	0.212	71.0'	904	9352	0.215	71.0'	910	8987	0.204	71.0'
901	8520	0.196	71.0'	909	9230	0.196	71.0'	905	8847	0.203	71.0'	911	8987	0.204	71.0'
902	8520	0.196	71.0'	910	8520	0.196	71.0'	906	8847	0.203	71.0'	912	8987	0.204	71.0'
903	11386	0.261	63.0'	911	8520	0.196	71.0'	907	8847	0.203	71.0'	913	8987	0.204	71.0'
904	13023	0.299	58.0'	912	8520	0.196	71.0'	908	8847	0.203	71.0'	914	8987	0.204	71.0'
905	9585	0.220	71.0'	913	8520	0.196	71.0'	909	8847	0.203	71.0'	915	8987	0.204	71.0'
906	9585	0.220	71.0'	914	8520	0.196	71.0'	910	8847	0.203	71.0'	916	8987	0.204	71.0'
907	9585	0.220	71.0'	915	8520	0.196	71.0'	911	8847	0.203	71.0'	917	8987	0.204	71.0'
908	9230	0.212	71.0'	916	8520	0.196	71.0'	912	8847	0.203	71.0'	918	8987	0.204	71.0'

FS18-096 Parcel A19 Final Plat



LOT	AREA SQ. FT.	AREA ACRES	ACRES
942	8563	0.215	75.07
943	8563	0.215	75.07
944	8563	0.215	75.07
945	8563	0.215	75.07
946	8563	0.215	75.07
947	8563	0.215	75.07
948	8563	0.215	75.07
949	8563	0.215	75.07
950	8563	0.215	75.07
951	8563	0.215	75.07

LINE #	DIRECTION	LENGTH
L11	N44°40'48"W	22.63
L12	S89°46'48"E	11.51
L13	S44°46'48"E	9.90
L14	N45°13'12"E	9.90
L15	N44°59'23"E	22.54
L16	S45°00'37"E	22.72
L17	N44°40'34"E	9.90
L18	S45°13'12"W	16.50
L19	N45°14'28"W	380.00

CURVE #	LENGTH	RADIUS	DELTA
C3	86.38	55.00	99°10'10"
C4	58.55	36.00	99°10'10"



COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS



FW: J. SPRING

DR: M. GILES

JOB NO. 09001944

SCALE: 1" = 40 FEET

DATE: 8/1/2018

BY: J. SPRING

4 OF 10



COUNTY: MARICOPA

SECTION 4 & 9

TOWNSHIP: 4 NORTH

JSM 1:30NFR

FINAL PLAT

RANCHO MERCADO

PARCEL A19

CITY OF SUNSHINE, ARIZONA

AUGUST 2018



ATWELL	
PM.	J. SPRING
DR.	R. GILES

SCALE 0 20 40
1" = 40 FEET

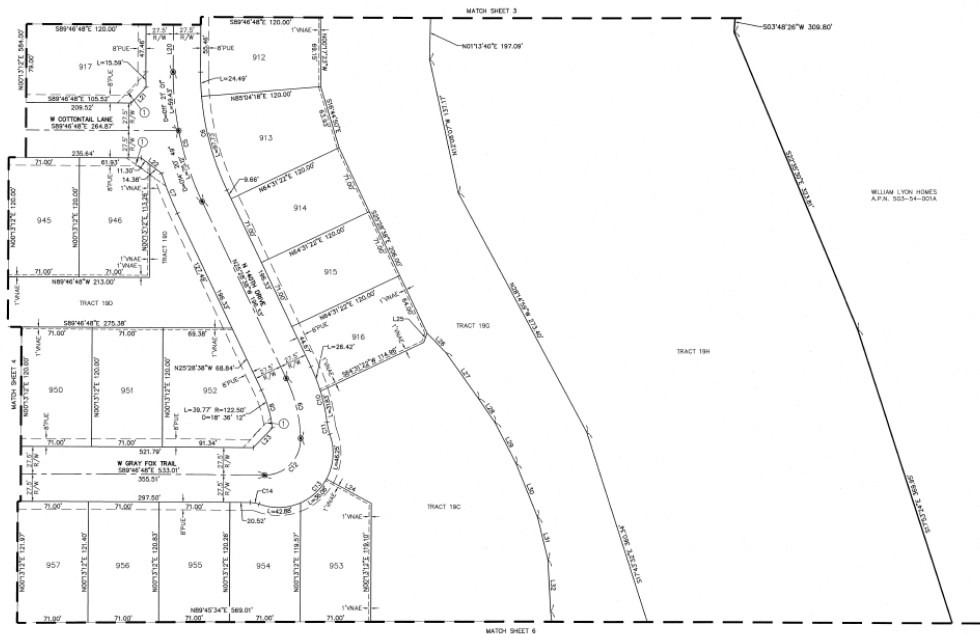
BRUSH IT ALONE.

5 OF 10

LOT TABLE WIDTH BASED ON FBSL			
LOT	AREA SQ FT	ACRES	WIDTH
912	8965	0.206	78.9'
913	10440	0.240	103.0'
914	8520	0.196	71.0'
915	8520	0.196	71.0'
916	8513	0.195	71.1'
917	9369	0.215	76.5'
945	8520	0.196	71.0'
946	8489	0.195	71.0'
950	8520	0.196	71.0'
951	8520	0.196	71.0'
952	11269	0.259	102.8'
953	9281	0.213	71.0'
954	8363	0.192	72.0'
955	8599	0.196	71.0'
956	8599	0.197	71.0'
957	8640	0.198	71.0'

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L20	N069°32'E	543.96'	L27	N35°18'21"W	56.76'
L21	S43°09'24"W	21.80'	L28	N34°18'27"W	29.45'
L22	S53°08'28"E	25.68'	L29	N27°33'57"W	45.92'
L23	S43°35'35"W	27.61'	L30	N21°56'44"W	57.92'
L24	S81°40'20"E	51.16'	L31	N13°34'33"W	44.23'
L25	S19°31'22"W	9.90'	L32	N02°50'56"W	51.48'
L26	S43°58'12"W	27.42'			

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C5	134.55'	300.00'	025°41'50"
C6	122.22'	272.50'	025°41'50"
C7	43.30'	127.50'	007°34'52"
C8	38.77'	122.50'	018°36'51"
C9	62.47'	150.00'	023°51'45"
C10	58.26'	177.50'	018°48'23"
C11	12.66'	55.00'	013°07'42"
C12	57.70'	36.00'	081°50'05"
C13	125.21'	55.00'	130°28'03"
C14	8.89'	25.00'	020°21'54"



WILLIAM LYON HOMES
A.P.N. 503-54-001A

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FS18-096 Parcel A19 Final Plat



COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

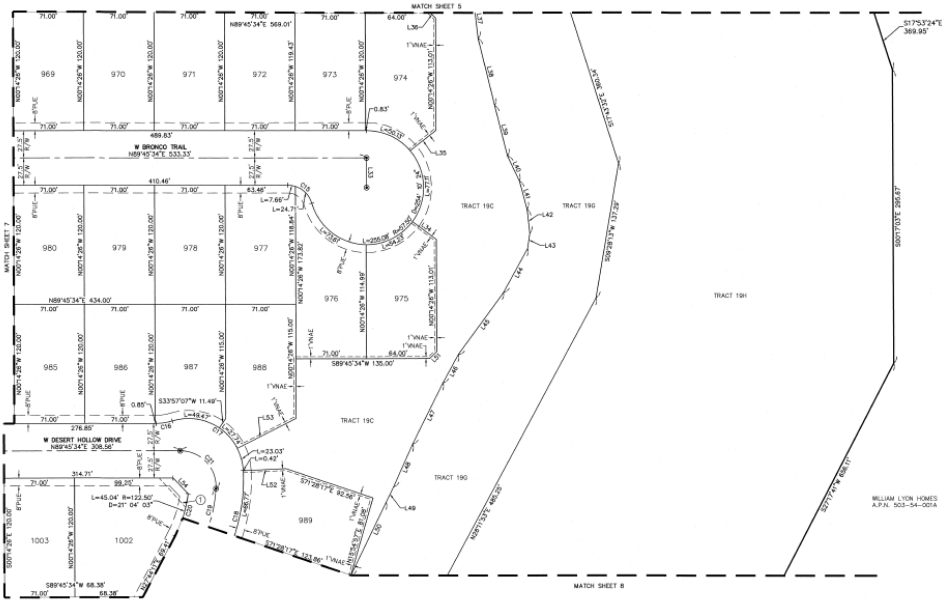
REVISIONS



PREPARED BY:
J. SPRING
DR. R. GILES
JAN 10
09001944

SCALE: 1" = 40 FEET

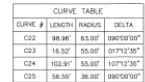
DATE: 6 OF 10



LOT TABLE BASED ON FBSL				LOT TABLE BASED ON FBSL			
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
969	8020	0.186	71.0'	979	8020	0.186	71.0'
970	8020	0.186	71.0'	980	8020	0.186	71.0'
971	8020	0.186	71.0'	981	8020	0.186	71.0'
972	8020	0.186	71.0'	982	8020	0.186	71.0'
973	8020	0.186	71.0'	983	8020	0.186	71.0'
974	8020	0.186	71.0'	984	8020	0.186	71.0'
975	8020	0.186	71.0'	985	8020	0.186	71.0'
976	8020	0.186	71.0'	986	8020	0.186	71.0'
977	8020	0.186	71.0'	987	8020	0.186	71.0'
978	8020	0.186	71.0'	988	8020	0.186	71.0'

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L31	S00°14'28"E	35.00'	L44	S02°14'47"W	50.47'
L34	S83°38'58"E	30.12'	L45	S03°13'04"W	77.48'
L35	S51°16'59"W	33.23'	L46	S28°23'32"W	32.61'
L36	N45°14'28"E	8.80'	L47	S28°23'32"W	68.67'
L37	N00°42'47"W	38.17'	L48	S23°31'15"W	47.23'
L38	S13°34'51"E	89.42'	L49	S02°14'21"W	17.23'
L39	S14°21'28"E	53.60'	L50	S22°14'27"W	61.40'
L40	S25°33'20"E	28.06'	L51	S44°45'35"W	9.90'
L41	S15°11'21"E	29.38'	L52	N88°59'18"E	43.02'
L42	S00°16'32"E	24.54'	L53	S62°51'02"W	66.53'
L43	S08°13'14"W	15.31'	L54	S47°39'29"E	31.99'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C15	32.36'	25.00'	64°14'24"
C16	18.67'	55.00'	61°17'30"
C17	100.34'	55.00'	104°25'20"
C18	85.72'	177.50'	63°03'47"
C19	63.68'	156.00'	55°41'31"
C20	45.04'	123.50'	101°14'34"
C21	58.84'	36.00'	59°13'03"



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FS18-096 Parcel A19 Final Plat



COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 6 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF JUANES, ARIZONA

AUGUST 2018

REVISIONS



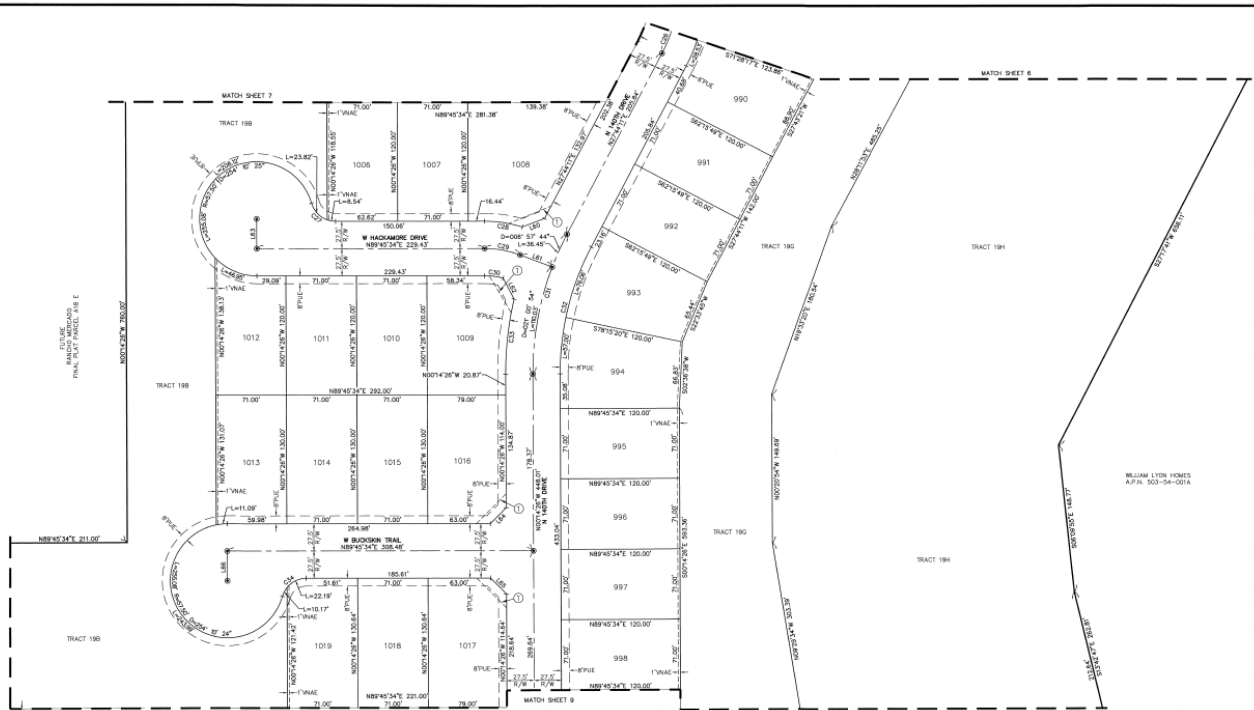
FW: 2 SPRING
DR: 2 GULLS

FSB NO:
09001544

SCALE:
1" = 40 FEET

DRAWN BY NAME:

SHEET
8 OF 10



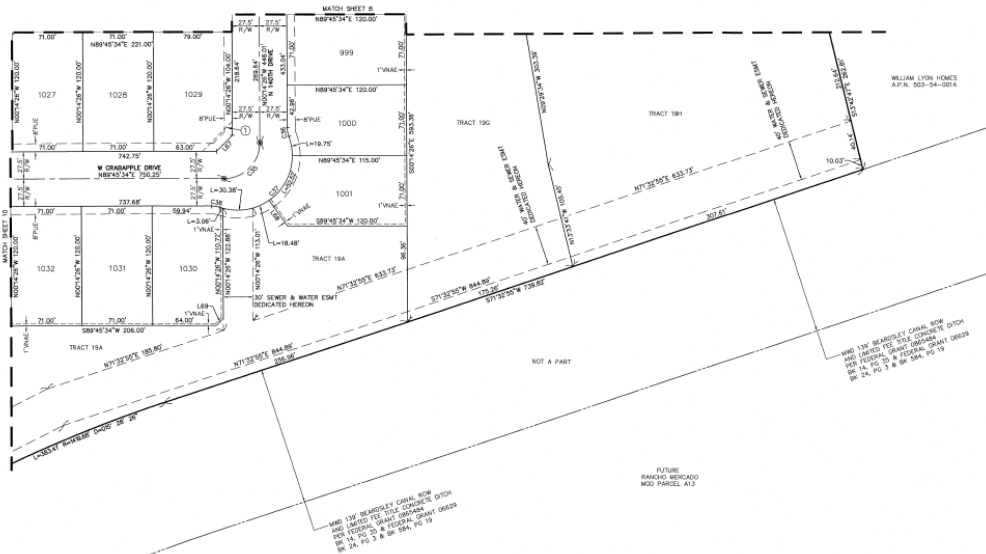
LOT TABLE WIDTH BASED ON FSBL				LOT TABLE WIDTH BASED ON FSBL			
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
890	8032	0.234	109.2	1009	8793	0.254	86.8
891	8020	0.196	71.07	1010	8020	0.196	71.07
892	8020	0.196	71.07	1011	8020	0.196	71.07
893	10007	0.290	99.27	1012	8756	0.251	71.07
894	8010	0.191	80.77	1013	9434	0.271	71.07
895	8020	0.196	71.07	1014	9230	0.267	71.07
896	8020	0.196	71.07	1015	9230	0.267	71.07
897	8020	0.196	71.07	1016	10143	0.293	79.37
898	8020	0.196	71.07	1017	10090	0.291	79.37
1006	8016	0.196	71.07	1018	9275	0.267	71.07
1007	8020	0.196	71.07	1019	9221	0.267	71.07
1008	13012	0.289	80.47				

LINE TABLE		
LINE #	DIRECTION	LENGTH
L80	S69°14'30"W	23.94'
L81	S69°13'32"E	34.50'
L82	S2°16'37"E	23.87'
L83	N00°14'26"W	30.92'
L84	S44°40'34"W	23.87'
L85	S45°14'28"E	22.63'
L86	S00°14'28"E	30.92'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C26	83.68'	150.00'	024°19'21"
C27	31.36'	25.00'	074°10'24"
C28	26.70'	127.50'	017°23'20"
C29	26.66'	100.00'	027°07'24"
C30	16.92'	72.00'	014°52'30"
C31	146.49'	350.00'	027°08'38"
C32	133.08'	272.50'	027°08'38"
C33	76.11'	327.50'	017°08'38"
C34	20.36'	25.00'	074°10'23"

ATWELL & ASSOCIATES, P.C. 10000 N. 10TH AVENUE, SUITE 100, DENVER, CO 80231 (303) 733-1000

NOT TO SCALE. THIS PLAT IS A PRELIMINARY PLAT. IT IS NOT TO BE USED FOR ANY PURPOSES OTHER THAN FOR INFORMATIONAL PURPOSES. THE PLAT IS NOT TO BE USED FOR ANY PURPOSES OTHER THAN FOR INFORMATIONAL PURPOSES. THE PLAT IS NOT TO BE USED FOR ANY PURPOSES OTHER THAN FOR INFORMATIONAL PURPOSES.



LOT TABLE WIDTH BASED ON FBIS.			
LOT	AREA SQ FT	AREA ACRES	WIDTH
999	8520	0.196	71.07
1000	8440	0.194	71.07
1001	8861	0.203	71.07
1027	8520	0.196	71.07
1028	8520	0.196	71.07
1029	9352	0.215	75.07
1030	8486	0.195	71.07
1031	8520	0.196	71.07
1032	8520	0.196	71.07

FS18-096 Parcel A19 Final Plat



COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS:



PREPARED BY:
J. SPRING
D. GILES

JOB NO.
09001944

SCALE:
1" = 40 FEET

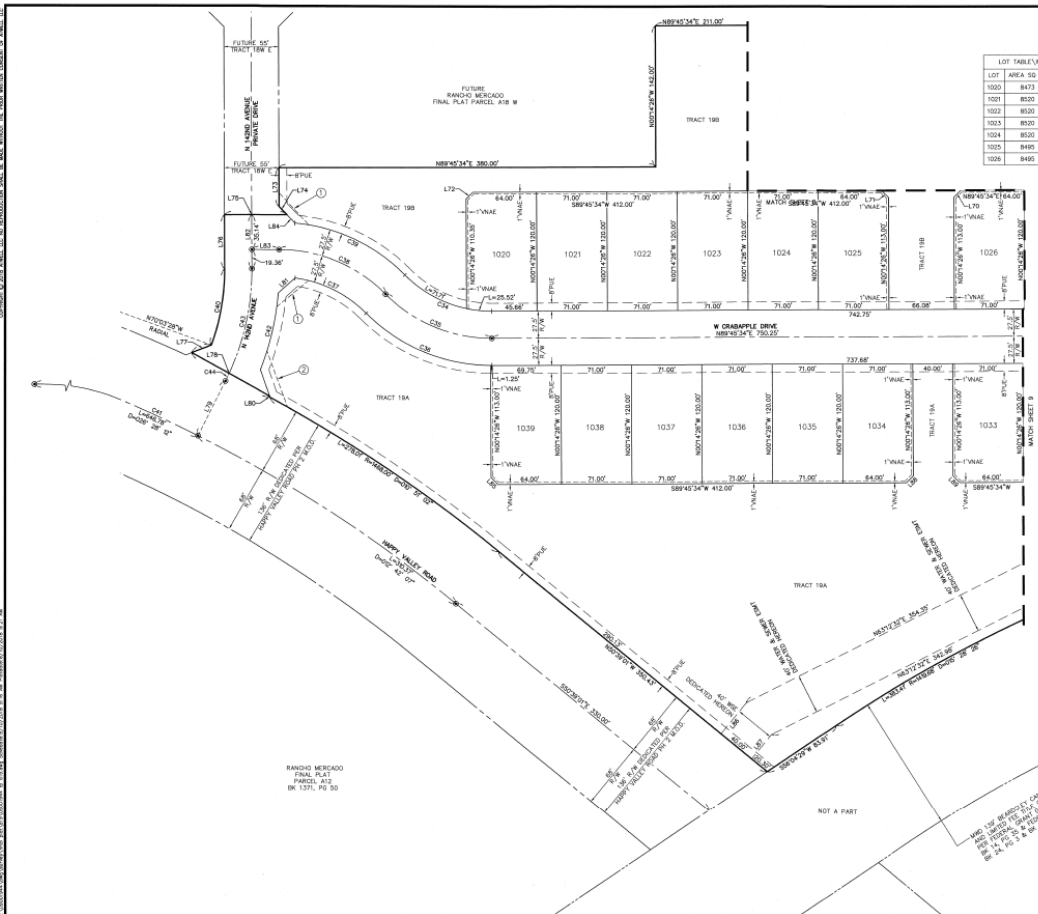
REMARK: NONE

SHEET
10 OF 10

LOT TABLE WIDTH BASED ON FBEL				LOT TABLE WIDTH BASED ON FBEL			
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
1000	8473	0.195	71.07	1033	8495	0.195	71.07
1001	8520	0.196	71.07	1034	8495	0.195	71.07
1002	8520	0.196	71.07	1035	8520	0.196	71.07
1003	8520	0.196	71.07	1036	8520	0.196	71.07
1004	8520	0.196	71.07	1037	8520	0.196	71.07
1005	8495	0.195	71.07	1038	8520	0.196	71.07
1006	8495	0.195	71.07	1039	8495	0.195	71.07

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L70	N44°45'34"E	9.907	L80	S19°16'39"E	1.327
L71	S45°14'26"E	9.907	L81	N48°16'12"E	22.946
L72	N44°45'34"E	9.907	L82	N00°14'27"W	54.507
L73	S00°14'26"E	36.361	L83	N48°45'43"E	27.507
L74	N43°56'32"W	11.57	L84	N43°56'32"W	11.57
L75	S89°45'34"W	62.897	L85	N44°14'26"E	9.907
L76	S00°14'26"E	54.507	L86	S39°20'12"W	40.211
L77	N48°16'12"E	21.207	L87	S39°20'12"W	31.76
L78	S89°45'43"E	69.79	L88	S44°45'34"W	9.907
L79	S39°30'32"E	61.71	L89	N44°14'26"E	9.907

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C34	87.23	122.50	04°05'38"
C35	118.00	150.00	04°05'38"
C36	140.86	177.50	04°05'38"
C37	81.34	122.50	04°05'38"
C38	118.00	150.00	04°05'38"
C39	124.88	177.50	04°05'38"
C40	78.38	122.50	04°05'38"
C41	87.10	122.50	04°05'38"
C42	80.00	122.50	04°05'38"
C43	108.67	150.00	04°05'38"





SURPRISE
ARIZONA

**QUESTIONS OR
COMMENTS?**

Thank You



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date: November 6, 2018

Contact Person: Sherry Ann Aguilar, City Clerk

Submitting Department:

District: Citywide

Staff: None

Recommendations:

Consent	☒	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action on the meeting minutes of October 16, 2018 Regular City Council Work Session, Regular City Council Meeting and Executive Session.

Motion:

I move to approve the meeting minutes.

Background:

Objective Analysis:

Policy Compliant:

Financial Impact:

Budget Impact:

FTE Impact:

ATTACHMENTS:

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CITY OF SURPRISE
Regular City Council Meeting Minutes
16000 North Civic Center Plaza
Surprise, AZ 85374

Tuesday, October 16, 2018 @ 6:00PM

Call to Order

Roll Call

Mayor Wolcott called the Regular City Council Meeting to order at 06:01 p.m. at Surprise City Hall Council Chamber, 16000 North Civic Center Plaza Surprise, Arizona 85374, on Tuesday, October 16, 2018. Also in attendance with Mayor Wolcott were Vice Mayor Remley, Council Member Winters, Council Member Hayden, Council Member Duffy, Council Member Tande and Council Member Hall.

Staff Present:

City Manager, Bob Wingenroth; City Attorney, Robert Wingo and City Clerk, Sherry Ann Aguilar

Pledge of Allegiance

PROCLAMATION AND COMMUNITY ACKNOWLEDGEMENTS

City Manager Report:

Youth Coordinator, Mike Cassidy introduced the staff and students from Marley Park Elementary School. 3 students came forward to share a few words about their school.

City Attorney Report:

City Clerk Report:

City Clerk Aguilar gave a brief update on the upcoming election. Ballots have been mailed out, we have a drop box here at City Hall City Clerk's Office and you can vote early beginning Saturday, October 27th at 8 AM.

Consideration and action to appoint Scott Krous to fill the vacancy on the Planning & Zoning Commission with a term expiration of June 30, 2020 and direct the City Clerk to administer the Oath of Office - APPROVED

Vice-Mayor Remley reviewed the Selection Committee process to fill the vacancy on the Planning & Zoning Commission.

Vice Mayor Remley made the motion to approve appointing Mr. Krous to the Planning and Zoning Commission and directed the City Clerk to administer the Oath of Office. Council Member Winters seconded the motion. Seven yes votes, motion carried.

City Clerk Aguilar administered the Oath of Office.

Call to The Public:

Regular City Council Meeting Agenda:

Consent Agenda:

1. Consideration and action declaring the City's intention to create the, "SU-AUSTIN RANCH EAST" Street Light Improvement District pursuant to A.R.S. 48-616; Resolution #2018-145 - APPROVED

2. Consideration and action pertaining to approval of an amendment to the FY2019 budget by reallocating appropriations from Economic Development Contingency to the Dysart Median project, #P61400 in the amount of \$2,800 and amending the Capital List of items over \$50,000; Resolution # 2018-155 - APPROVED

3. Consideration and action declaring the City's intention to create the, "AUSTIN RANCH WEST PARCEL 5 #144" Street Light Improvement District pursuant to A.R.S. 48-616; Resolution #2018-113 - APPROVED

4. Consideration and action declaring the City's intention to create the, "SU-ASANTEPAR4.5" Street Light Improvement District pursuant to A.R.S. 48-616; Resolution #2018-151 - APPROVED

5. Consideration and action pertaining to Council's general support for a partnership between the City of Surprise and the Non-profit Chance Shelter of Surprise by entering into a letter of intent to build a no-kill animal shelter on City owned land in Surprise; Resolution #2018-162 - APPROVED

City Manager Wingenroth gave a brief presentation on the Chance No-Kill Animal Shelter.

Council Member Tande made the motion to approve Resolution 2018-162. Council Member Winters seconded the motion. Seven yes votes, motion carried.

6. Consideration and action pertaining to approval of an amendment to the Fiscal Year 2019 budget by reallocating appropriations of \$120,500 from Contingency within the Grants Fund and authorizing the acceptance of seven (7) grant awards from the Arizona Governor's Office of Highway Safety; Resolution #2018-154 - APPROVED

7. Consideration and action pertaining to an amendment of the Fiscal Year 2019 budget by reallocating appropriations of \$14,400 from Contingency within the Grants Fund to the Donations Fund; \$39,200 within the Community Development Block Grant program to properly align program expenditures; reallocation of \$400 from Neighborhood Revitalization Fund to Contingency within the Grants Fund; and amending the Capital and Operating List of items over \$50,000 by increasing the 2018-19 CDBG Grant item to \$667,200; Resolution #2018-156 - APPROVED

8. Consideration and action pertaining to approval of an intergovernmental agreement (IGA) with the Arizona Department of Homeland Security for a grant in the amount of \$38,200 and amending the Fiscal Year 2019 budget to account for same; Resolution # 2018-158 - APPROVED

9. Consideration and action pertaining to approval of an amendment to the Fiscal Year 2019 budget by reallocation of appropriations of \$45,000 from Grant Contingency to Finance General Fund Services for investment advisory services and amending the List of Operating Items over \$50,000; Resolution #2018-159 - APPROVED

Vice Mayor Remley asked for clarification on this item.

Vice Mayor Remley made the motion to approve Resolution 2018-159. Council Member Winters seconded the motion. Seven yes votes, motion carried.

10. Consideration and action pertaining to approval of the Four Rights of Way Agreements between the Arizona State Land Department and the City of Surprise; Resolution #2018-152 - APPROVED

11. Consideration and action pertaining to approval of the final plat entitled, "Austin Ranch East Phase 1A – Parcels 12B, 13, & 14 Final Plat" dated September 20, 2018, a property generally located 3,000 feet southwest of the intersection of Grand Avenue and Deer Valley Road, within the Austin Ranch PAD - APPROVED

12. Consideration and action pertaining to the final plat entitled, "Austin Ranch East Phase 1B – Parcels 12A & 12C Final Plat," dated September 20, 2018, a property generally located 3,000 feet southwest of the intersection of Grand Avenue and Deer Valley Road, within the Austin Ranch PAD - APPROVED

13. Consideration and action pertaining to approval of the Re-plat entitled, "Final Plat for Austin Ranch East - Phase 2 (Parcels 9, 10 & 11)" dated September 19, 2018, and generally located 3,000 feet southwest of the intersection of Grand Avenue and Deer Valley Road, within the Austin Ranch PAD - APPROVED

14. Consideration and action pertaining to approval of an APS Utility Easement for re-alignment of electric lines for the Ottawa Campus - APPROVED

15. Consideration and action pertaining to approval of an amendment to the fiscal year 2019 budget by reallocating appropriations of \$13,900 within the Grants Fund in order to accept two grants from the Arizona Governor's Office of Highway Safety to support Fire-Medical's Impaired and Distracted Driving Campaign and Car Seat Program; Resolution #2018-160 - APPROVED

16. Consideration and action pertaining to an amendment to the fiscal year 2019 budget by reallocating appropriations of \$287,200 from the Grants Fund to the Ground Ambulance Service Fund and appropriations of \$28,800 within the Ground Ambulance Service Fund in order to accept a grant from FEMA's Assistance to Firefighters Grant Program; Resolution # 2018-161 - APPROVED

17. Consideration and action on the meeting minutes of October 2, 2018 Regular City Council Work Session and Regular City Council Meeting - APPROVED

Council Member Tande made the motion to approve the consent agenda, excluding items 5 and 9. Council Member Hall seconded the motion. Seven yes votes, motion carried.

Regular Agenda Item - Public Hearing

18. Consideration and action pertaining to approval of the preliminary plat entitled, "Rio Rancho Estates" dated July 26, 2018, a property generally located one (1) mile west of the intersection of West Grand Avenue and West Happy Valley Road - APPROVED

City Planner, Hobart Wingard gave a powerpoint presentation on this item.

Mayor Wolcott asked if the State Land department is a reviewing agency?

Mr. Wingard - for the rezone, not the Preliminary Plat.

Council Member Winters made the motion to approve Rio Rancho Estates Preliminary Plat. Council Member Hayden seconded the motion. Seven yes votes, motion carried.

19. Consideration and action pertaining to approval of a Major Zoning Amendment to approximately 119 acres in the Tierra Verde East PAD, a property generally located on the northeast corner of 155th Avenue and the Happy Valley Road alignment, to allow for an increase in density, increase in open space, modifications to the development standards, and revisions to the land use plan; Ordinance #2018-13 - APPROVED

City Planner, Sergio Angulo gave a powerpoint presentation on this item.

Council Member Hall asked if the developer agreed to do a 12 foot easement to the

neighbor to the north.

Council Member Winters asked about Happy Valley Road alignment. How much will Rancho Mercado be taking care of?

Mr. Angulo - a portion to the west of 163rd Avenue.

Council Member Winters made the motion to approve Ordinance 2018-13. Council Member Hayden seconded the motion. Seven yes votes, motion carried.

20. Consideration and action on a Preliminary Plat to allow for the development of a single-family residential subdivision in Parcels 1, 2, and 3 of the Tierra Verde East PAD located in the northeast corner of 155th Avenue and the Happy Valley Road alignment; Resolution 2018-167 - APPROVED

City Planner, Sergio Angulo gave a powerpoint presentation on this item.

Council Member Winters asked about the intersection of Happy Valley Road and 163rd, if there will be a traffic light at this intersection.

Mr. Angulo - Yes correct.

21. Consideration and action pertaining to approval of the preliminary plat entitled, "Asante- Parcel 4.5" dated July 17, 2018, a property generally located in the northwest corner of Asante Boulevard and 163rd Avenue - APPROVED

City planner, Sergio Angulo gave a powerpoint presentation on this item.

Council Member Winters made the motion to approve Asante Parcel 4.5 Preliminary Plat. Vice Mayor Remley seconded the motion. Seven yes votes, motion carried.

Regular Agenda Item - Non-Public Hearing:

22. Consideration and action pertaining to approval of the final plat entitled, "Asante 4.5-Parcel 1" dated August 14, 2018, a property generally located in the northwest corner of Asante Boulevard and 163rd Avenue - APPROVED

City planner, Sergio Angulo gave a powerpoint presentation regarding this item.

Council Member Winters made the motion to approve Asante 4.5 Parcel 1 Final Plat. Council Member Hayden seconded the motion. Seven yes votes, motion carried.

23. Consideration and action pertaining to approval of the final plat entitled, "Asante 4.5- Parcel 2" dated August 14, 2018, a property generally located in the northwest corner of Asante Boulevard and 163rd Avenue - APPROVED

City planner, Sergio Angulo gave a powerpoint presentation regarding this item.

Council Member Winters made the motion to approve Asante 4.5 Parcel W Final Plat. Council Member Hayden seconded the motion. Seven yes votes, motion carried.

24. Consideration and action pertaining to approval of the Purchase and Sale Agreements and Joint Escrow Instructions for the purchase of land from LCD Asante, LLC and HE Capital Asante, LLC, for the purpose of acquiring land for Fire Station 304 - APPROVED

Community Development Director, Eric Fitzer gave a powerpoint presentation regarding this item.

Mayor Wolcott asked Chief Abbott if there is a heliport pad in the design?

For future, there is land set aside for this as part of the project.

Vice Mayor Remley asked Fitzer about the bond funds and land the station is currently on, we own that right?

Mr. Fitzer - Yes.

Vice Mayor Remley - When are we going to dispose of the other land? Does the developer own both parcels? Did we consider the possibility of a swap?

Council Member Hall - Did we budget when we did the bond for land purchase?

City Manager Wingenroth - Yes.

Council Member Hall made the motion to approve the purchase of land from LCD Asante and HE Capital Asante. Council Member Duffy seconded the motion. Seven yes votes, motion carried.

25. Consideration and action pertaining to approval of an Intergovernmental Agreement (IGA) between the City of Eloy and Surprise for the sale and purchase of underground Long Term Storage Credits established within the Phoenix Active Management Area in an amount not to exceed 2,000 Acre-feet per year for the benefit of the City of Surprise water service area; and the associated budget amendment to reallocated appropriations; Resolution # 2018-153 - APPROVED

Water Resources Management Director, Terry Lowe gave a brief presentation on this item.

Council Member Hall commented that the City of Eloy acted on this last night. Price based off of the capital cost of the ownership Colorado, and the delivery fee is the second portion of the cost.

Vice Mayor Remley asked about how much money are we talking about?

Mr. Lowe commented \$430,000. for the year, split between 2 calendar years.

Council Member Winters made the motion to approve Resolution 2018-153. Council Member Hayden seconded the motion. Seven yes votes, motion carried.

26. Consideration and action pertaining to approval of an amendment to the FY2019 budget by reallocating appropriations within the General Fund in the amount of \$391,500 from Contingency within the Grants fund to full-time salaries and employee related expenses to add five (5) regular full-time positions: Internal Auditor (City Manager's Officer), Senior Administrative Specialist (Economic Development), Construction Inspector (Public Works), Management Assistant (City Manager's Office) and GIS Analyst (Information Technology). Resolution # 2018-165 - APPROVED

City Manager Wingenroth gave a powerpoint presentation on this item.

Council Member Winters questioned the inspector position in public works.

Vice Mayor Remley commented that there is a house project that has been stalled for a month because the inspectors are too busy. Our auditor does a wonderful job, but she is only one person. I am in favor of this item, but concerned about the ongoing costs and we have spent a million dollars tonight.

Council Member Hall commented that I know you have thought about this, you see our needs. We had 2 full time Intergovs back in 2010. I can't tell you how many times I have been to ED, and Jeanine is a worker bee, but she is doing a lot of administrative stuff, she needs an anchor in the office. I appreciate you stepping up because we need these people. Thanks for being ahead of this.

Vice Mayor Remley made the motion to approve Resolution 2018-165. Council Member Hayden seconded the motion. Seven yes votes, motion carried.

27. Consideration and action pertaining to approval of an amendment to the Comprehensive Citywide Fee Schedule; Resolution # 2018-157 - APPROVED

Fire Chief, Tom Abbott gave a powerpoint presentation on this item.

Council Member Hall asked for clarification on some of the increased fees and why?

Council Member Hall asked Judge Dominguez to clarify the fees that are being removed.

Vice Mayor Remley asked for clarification on what can we do to prevent this problem to occur in the future? Medication costs are going up, not going down. Could we not somehow change our policy where the only time you would need to come to us if you changed up your markup on these items?

City Attorney Wingo quoted a specific state statute. We are not a charter city and mandated by this specific section of City Code.

Council Member Winters made the motion to approve Resolution 2018-157. Council Member Hall seconded the motion. Seven yes votes, motion carried.

28. Consideration and action on a Facilities Use Agreement with Ottawa University for City use of University facilities for a period of 10.5 years in the amount of \$10,300,000.00 - APPROVED

City Manager Wingenroth gave a powerpoint presentation on this item.

Mike Hoover continued with the presentation with a background on Ottawa and the facility use agreement.

Mayor Wolcott thanked Mr. Hoover for not taking no and staying consistent and 7 years later here we are. This is a big deal and we are very thrilled. There are so many opportunities in our City to take advantage of the Ottawa experience. We as Council have long envisioned to build a sense of there, of arrival and of creating space.

Dennis Tyner of Ottawa University read aloud a letter from the Chancellor, Kevin Eichner.

Council Member Tande commented that we should be doing the same for Ottawa, this partnership is doing so much for this City. You are creating a community atmosphere; you are an anchor on Economic Development. What you have created here in the first year is amazing. Very pleased that you will allow us to expand services to our residents.

Council Member Hall made the motion to approve the Facilities Use Agreement with Ottawa University. Council Member Winters seconded the motion. Seven yes votes, motion carried.

Other Business and Future Agenda Items:

Mayor/Council Reports:

Mayor and Council reported on and/or attended the following:

Council Member Tande - WESTMARC held meeting in Top Golf, hired 500 people to run this facility. Public Works Department during the rain, everything from design standards to other problems are taken care of right away.

Council Member Winters - Wed., October 3rd Chamber of Commerce Event at Arts Center; attended the Surprise Youth Council Meeting on Monday night - working on their Halloween event. Thanked Public Works Department for tending rain and floods in

District 1 - 163rd Avenue area.

Council Member Hayden -Attended Sante meeting, thanked Mike Gent for all the work they do.

Vice Mayor Remley - Also attended Sante meeting; Saturday night watching Ottawa game. Looking forward to where our City is going and Ottawa will play a role in our future; District 4 meeting next Wednesday, redevelopment of the OTS.

Council Member Hall made the motion to recess the Regular City Council Meeting and enter into executive session at 8:00 PM. Council Member Duffy seconded the motion. Seven yes votes, motion carried.

Executive Session:

29. Consideration and action to recess into executive session to discuss the resignation and appointment process pertaining to the appointed office of City Manager pursuant to A.R.S. 38-431.03 (A)(1).

M. Adjournment:

Council Member Hall made the motion to adjourn the Regular City Council Meeting of October 16, 2018 at 8:19 PM. Council Member Duffy seconded the motion. Seven yes votes, motion carried.

Sharon R. Wolcott, Mayor

ATTEST:

Sherry Ann Aguilar, City Clerk, MMC

CERTIFICATION:

I, Sherry Ann Aguilar, City Clerk for the City of Surprise, Maricopa County, Arizona, do hereby verify that these are the true and correct minutes of the Regular City Council Meeting of **Tuesday, October 16, 2018.**

Sherry Ann Aguilar, City Clerk, MMC

CITY OF SURPRISE
Regular City Work Session Minutes
16000 North Civic Center Plaza
Surprise, AZ 85374

Tuesday, October 16, 2018 @ 4:00PM

Call to Order

Roll Call

Mayor Wolcott called the Regular City Council Work Session to order at 04:00 p.m. at Surprise City Hall Council Chamber, 16000 North Civic Center Plaza Surprise, Arizona 85374, on Tuesday, October 16, 2018. Also in attendance with Mayor Wolcott were Vice Mayor Remley, Council Member Winters, Council Member Hayden, Council Member Duffy, Council Member Tande, and Council Member Hall.

Staff Present:

City Manager, Bob Wingenroth, City Attorney, Robert Wingo and City Clerk, Sherry Ann Aguilar.

Pledge of Allegiance

Call to The Public:

Daniel Schrader, 163rd Avenue area. Addressed issues of Mr. Cunningham not following HOA rules of Mr. Jim Cunningham remaining on the ballot. City accountability. Letting this issue pass at this level is wrong, either you are eligible or you are not. Unless I have missed something, seems Mr. Cunningham has come to our City and has done what he wants.

Regular City Council Work Session Agenda:

1. Presentation and discussion regarding Dale Lane Right-of-Way (ROW), and adjacent transportation projects - NO ACTION

Public Works Director, Mike Gent started off the powerpoint presentation showing pictures of flooded area in the 163rd Avenue area. He then turned over the presentation to Community Development Director, Eric Fitzner who gave a history of Dale Lane and 163rd Avenue areas dating back to 1978, and where we are at now.

Mayor Wolcott asked what is available and reasonable to apply for since this is a competitive fund?

Mr. Gent - Yes.

Vice Mayor Remley commented that we have acquired approx. half of the properties on Dale Lane on the properties that we have the right of way, is it possible to do anything that would mitigate the flooding that they are experiencing?

Mr. Gent commented that from a legal point of view, we do not make improvements to non contiguous right of ways. We could make improvements to contiguous right of way, and we don't have it right at 163rd Avenue.

Council Member Hayden - even if we don't have right of way, can we at least clean up the roadways that would help with drainage?

City Attorney Wingo commented that there are legal issues and we could not do a clean up on someone's property that has not given permission.

Mr. Fitzer continued with the presentation discussing Tierra Rico and improvements that the developer has agreed to make.

Council Member Winters thanked staff for the presentation and commented this is an issue that has gone on for years. He asked staff for a status on some of the new development going in out in this area. What can we do for this problem?

Mr. Gent commented that this is a question we get frequently, and many ask what can the city do? The team is working on 3 different scenarios and have accomplished more right of ways in the last year over what has taken place in the last 30 years.

Council Member Winters commented that we have right of way forms here for any residents that would like to take one and a list of residents that have given the right of way.

Mayor Wolcott applauded staff on what has been delivered in the past few years. We are really trying and reaching out to landowners that are struggling. What about progress with the out of state or out of country landowners?

Mr. Fitzer confirmed that we have received a few out of state, and one out of the country, we have not been able to make a connection. We are doing everything we can to follow up.

Mayor Wolcott assured residents that we are going to stay on this and keep at it. She thanked staff for their efforts.

Public Comments:

Tammy Bayne spoke on the issue of flooding, she sent in the pictures for the powerpoint presentation. She commented that one of the pictures is a 4 foot deep hole, but this is a concern for public safety and resident access. The road conditions need to change.

Geoffrey Dentz, disappointed that the city has not been able to move faster. Glad to hear that 171st and Jomax will be developed by the developer. Maricopa County Flood Control, corridor is silted up and this is causing the most damage. I wanted to mention this as an option.

Susan Snow lives on Dale Lane, I am glad I came to the meeting, I saw the list and there is a mistake. We did donate the right of way land. The city promised \$1.00, and have not seen that, but now the city is asking for 5 more feet.

City Clerk read the written statement for the record from Susan Maestas.

Vice Mayor Remley commented that to have a paved road in front of your house, makes the value of your home go up when you have a paved road. I suggest to talk to your neighbors to get this done.

2. Presentation and discussion pertaining to Councilmember Hall's request to evaluate establishing a Veteran's focused Commission - NO ACTION

City Manager Wingenroth opened the discussion with introductions and proceeded with the powerpoint presentation. He turned over the presentation to Alison Matthees, Intern in the City Manager's Office. Ms. Matthees gave a history on research with other cities around the State that have a similar commission. Only Phoenix, Tucson and Mesa have this type of Commission.

City Manager Wingenroth commented that this would be a commission that would advise, assisting and advocating for Veteran Services as well as evaluating grant funding opportunities and presenting to City Council for CDBG, HOME, and Neighborhood Stabilization. We see this being an 11 member commission with reserved seats for Service members, Veterans and or family members; individuals with disabilities and/or disability service organizations and for human service representatives. We would propose that this group meet in the Council Chambers.

We are proposing 1 full time program coordinator and an initial year funding of \$50,000. and ask for outside consulting services to help set up this new commission.

Mayor Wolcott commented that 3 years ago we were approached about creating a Veteran's Center here in Surprise. It ended up being a collaborative effort for the West Valley. We would have loved to located this center here in Surprise, but the best location was Luke Air Force Base. If we do this, we need to have veteran's representation, Transportation will be an issue that needs to be addressed.

Council Hall asked about the 3 priorities that were previously discussed and commented that he forgot about transportation. I am fuzzy about the population on this commission, would we transfer the Disability, and add 4 members. City Manager Wingenroth clarified. He further commented that adding a full-time staff member to this commission is a great recommendation, we need to have a staff person that handles this specifically each and every day. Maybe there is someone in Seth's department that might want to apply. Could you also please look into closed captioning? If a Veteran wants to watch the meeting, they may have hearing issues.

Ms. Matthees commented that closed captioning is approximately \$30,000. live, but if you watch the meeting 24 hours, there is no additional cost for close captioning on YouTube.

Vice Mayor Remley thanked staff on the presentation, this is going to give an opportunity to combine some over lapping organizations into unity. I think this will be a whole lot more coordinated. The memorial in Peoria is amazing. Since City Hall is on the landing strip, a great place for a WWII plane to be located.

Mayor Wolcott thanked Mr. Steph Hanzel for bringing this idea forward to us.

Executive Session:

Adjournment:

Council Member Hall made the motion to adjourn the Regular City Council Work Session of October 16, 2018 at 5:14 PM. Council Member Tande seconded the motion. Seven yes votes, motion carried.

Sharon R. Wolcott, Mayor

ATTEST:

Sherry Ann Aguilar, City Clerk, MMC

CERTIFICATION:

I, Sherry Ann Aguilar, City Clerk for the City of Surprise, Maricopa County, Arizona, do hereby verify that these are the true and correct minutes of the Regular City Council

Work Session of **Tuesday, October 16, 2018.**

Sherry Ann Aguilar, City Clerk, MMC



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date: November 6, 2018

Contact Person: Sherry Ann Aguilar, City Clerk

Submitting Department:

District: 5

Staff None

Recommendations:

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action to approve a request by Gregory Patrick Hall, II (Agent) for a Series 12 liquor license for AZFRYGUY, LLC, located at 15226 W. Bell Road, #100, Surprise, AZ. 85374.

Motion:

I move to approve a request by Gregory Patrick Hall, II (Agent) for a Series 12 liquor license for AZFRYGUY, LLC, located at 15226 W. Bell Road, #100, Surprise, AZ. 85374.

Background:

All Departmental reports are attached and there are no concerns noted for this request.

Objective Analysis:

Policy Compliant:

Financial Impact:

Budget Impact:

FTE Impact:

ATTACHMENTS:

Click to download

[AZFRYGUY Dept. Reports](#)

**SURPRISE POLICE DEPARTMENT
LIQUOR LICENSE APPLICATION REVIEW**

REFERENCE:

DATE: October 29, 2018

Interim Permit/New License - Job #32765
Series # 12

APPLICANT:

AZFRYGUY
15226 W. Bell Road #100
Surprise, Arizona 85374

FINDINGS:

- 1) ***Evidence concerning the nature of the proposed business, its potential market and its likely customers.***
AZFRYGUY is a full service restaurant, primarily serving deep fried American dishes and is open for lunch and dinner. It is taking the place of a previous full-service restaurant. AZFRYGUY should be open to all ages, and the potential market should be for all citizens in the Surprise and surrounding communities. The restaurant has indoor seating totaling 95 persons, with 15 of these seats dedicated to a small bar area.
- 2) ***Effect of vehicular traffic in close proximity.***
The addition of AZFRYGUY should have no great effect on the rate of traffic in the immediate area. There are at least two entrances into the small plaza, where AZFRYGUY will operate and both accesses will be off of Bell Road.
- 3) ***The history for the past five years of liquor violations and reported criminal activity at the proposed premises provided that the applicant has received a detailed report of such activity at least 20 days before the hearing.***
There have been very few reports of any criminal activity here over the past five years for any of the previously mentioned businesses. There was an incident at a previous restaurant at this location where police were called to remove an intoxicated subject from the premises. In 2016, a man was contacted in the area and was found to have a warrant. He had no connection with the restaurant.
- 4) ***Comparison of hours of operation of the proposed premises to the existing businesses in close proximity.***
The hours for AZFRYGUY are closed on Mondays and Tuesdays. They open at 11 AM the rest of the week with various closing hours, not to exceed 9 PM. There is a flooring and cabinet store in the small plaza that is not open past 6 PM. Across the small plaza roadway to the east is the Brookside Bar & Grill II, which is open until 2 AM.
- 5) ***Appropriateness of series license requested.***
A series #12 license is appropriate and applicable for AZFRYGUY per state guidelines for restaurant type sales.

Submitted by Officer Chris Tovar #2059



Surprise Fire-Medical Department
14250 W. Statler Plaza Ste. 101
Surprise, AZ 85374-7479
Phone: 623-222-5000
Fax: 623-222-5001



October 16, 2018

To: Sherry Ann Aguilar, City Clerk
From: Keith Tanner, Fire Marshal
Subject: Liquor License Application
Applicant: AFRYGUY, LLC
15226 W Bell Road, Suite 100

The Surprise Fire-Medical Department recently conducted a fire inspection at the above referenced location to ensure compliance with the applicable fire codes within the tenant space and building. There are no known fire code violations at this time.

Therefore fire has no comment on the application at this time.

If you have any questions feel free to contact me.

Keith Tanner
Keith Tanner, Fire Marshal
Fire Prevention Division
Surprise Fire-Medical Department



COMMUNITY DEVELOPMENT DEPARTMENT

Date: October 17, 2018
To: Sherry Aguilar, City Clerk
From: Eric Fitzer, Community Development Director
By: James Stewart, Zoning Specialist
Re: Liquor License Application for:

AZFRYGUY
Interim Permit/New License – Job # 32765
15226 W. Bell Road #100
Surprise, Arizona 85374

1. Fry's Food & Drug #61 (Series 9) – 15510 W. Bell Rd.
2. Lucky's Pizza #3 (Series 12) – 15508 W. Bell Rd. #107
3. 4 Sons Food Store #604 (Series 10) – 15505 W. Bell Rd.
4. Macayo's Mexican Kitchen (Series 12) – 15565 W. Bell Rd.
5. Richi's Diner (Series 12) – 15609 W. Bell Rd. #100
6. Booty's (Series 12) – 15557 W. Bell Rd. #404, 405, 406
7. Tailgaters Sports Grill (Series 12) – 15529 W. Bell Rd.
8. LUV 2 Play (Series 7) – 15495 W. Bell Rd. #104
9. Walgreens #4620 (Series 10) – 15490 W. Bell Rd.
10. Red Line Grill (Series 12) – 15332 W. Bell Rd. #101 & 102 (Expired)
11. Brookside II (Series 12) – 15170 W. Bell Rd.
12. New York Flavor (Series 12) – 15170 W. Bell Rd. #103 (Expired)

The immediate area is composed of commercial establishments. The property is zoned PAD (C-2) which is consistent with the proposed use.

Residential population will most likely remain static. Commercial growth will likely remain static.

If managed properly, the effects of granting this liquor license on surrounding residences will be minimal. This license will have little to no affect on parking in the area. Staff believes that granting this liquor license will not directly impact the surrounding business and residential areas in a negative way.

AZFRYGY

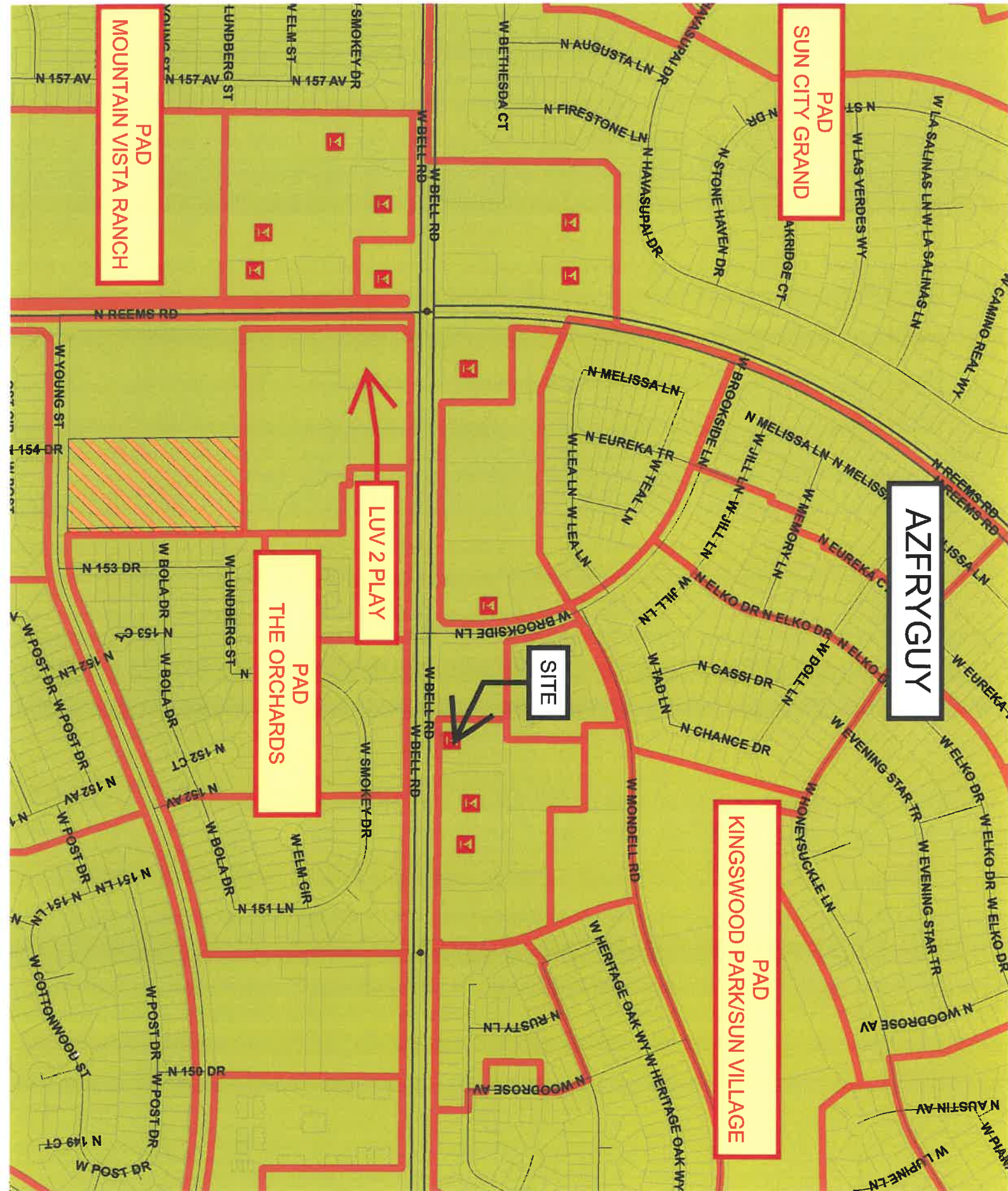
PAD
SUN CITY GRAND

PAD
MOUNTAIN VISTA RANCH

PAD
KINGSWOOD PARKSUN VILLAGE

SITE

LUV 2 PLAY

PAD
THE ORCHARDS



MEMO

Date: 10/15/2018

To: Sherry Aguilar, City Clerk

Linda Stevens, Deputy City Clerk

From: Stacie McQuarrie, Accounting Support Specialist

RE: Liquor License Application – The AZ Fry Guy LLC

Business License Status:

License #1021707, current and valid for 2018.



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date: November 6, 2018

Contact Person: Sherry Ann Aguilar, City Clerk

Submitting Department:

District: Internal

Staff None

Recommendations:

Consent	☒	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action to approve the 2019 Council Work Session and Regular Council Meeting Schedule.

Motion:

I move to approve the 2019 Council Work Session and Regular Council Meeting Schedule as presented.

Background:

Objective Analysis:

Policy Compliant:

Financial Impact:

Budget Impact:

FTE Impact:

ATTACHMENTS:

Click to download

[2019 Work Session and Meeting Calendar](#)

2019 LIST OF REGULAR WORK SESSIONS AND COUNCIL MEETINGS

***Wednesday January 2, 2019/ One day later due to Holiday!**

Tuesday, January 15, 2019

Tuesday, February 5, 2019

Tuesday, February 19, 2019

Tuesday, March 5, 2019

Tuesday, March 19, 2019

Tuesday, April 2, 2019

Tuesday, April 16, 2019

Tuesday, May 7, 2019

Tuesday, May 21, 2019

Tuesday, June 4, 2019

Tuesday, June 18, 2019

NO MEETINGS IN JULY 2019

Tuesday, August 6, 2019

Tuesday, August 20, 2019 –NO MEETING DUE TO LEAGUE CONFERENCE

Tuesday, September 3, 2019

Tuesday, September 17, 2019

Tuesday, October 1, 2019

Tuesday, October 15, 2019

Tuesday, November 5, 2019

Tuesday, November 19, 2019

Tuesday, December 3, 2019

Tuesday, December 17, 2019



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date:	November 6, 2018	Contact Person:	Robert Kuhfuss
Submitting Department:		District:	1
Staff Recommendations:	Approve		

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to approval of the Final Plat entitled, "Bell Road & 303, LLC" dated October 12, 2018, a 5.3 acre property generally located on the southeast corner of Bell Road and Loop 303.

Motion:

I move to approve the Final Plat entitled, " Bell Road & 303, LLC" dated October 12, 2018.

Background:

The subject request involves a Re-Plat of Lot 1 of Surprise Village Marketplace as originally recorded in Book 1118, Page 15 MCR. The proposed Re-Plat encompasses approximately 5.3 acres and is consistent with the Surprise Village Marketplace PAD. The site was also the subject of a Major Site Plan Amendment that was recently approved by the Planning and Zoning Commission, as well as a Conditional Use Permit to allow a Freeway Monument Sign, which was recently approved by City Council.

Objective Analysis:

The proposed Re-Plat is consistent with the Surprise Village Marketplace PAD and other regulatory documents. The reviewing agencies have expressed no objections to the approval of the Final Plat. Approval of the subject Final Re-Plat will allow the developer to legally divide the property.

Policy Compliant:

The requested Re-plat is consistent with City and Council Policy.

Financial Impact:

All activity related to ongoing development of the City of Surprise has an economic and fiscal impact on the city and the region.

Budget Impact:

There is no anticipated budget impact related to this item.

FTE Impact:

This item does not have an impact on current staff levels.

ATTACHMENTS:

Click to download

[00 FS18-411 Surprise Village Marketplace Re-Plat 11-06-18 CC Staff Report](#)

[01 FS18-411 Vicinity Map](#)

[02 FS18-411 Case Map](#)

[03 FS18-411 Final Plat](#)

[04 FS18-411 Surprise Village Marketplace Re-Plat 11-06-18 CC Presentation](#)

Case: **FS18-411**

Project Name: Bell Road & 303, LLC Re-Plat

Council District: 1

City Council Date: **November 06, 2018**

Planner: Robert H. Kuhfuss, AICP

Owner: Bell Road & 303, LLC

Applicant: John Dorsett of WM Grace Companies on behalf of Bell Road & 303, LLC

Request: Final Re-Plat of Lot 1 of Surprise Village Marketplace

Site Location: Southeast corner of Bell Road and Loop 303

Site Size: 5.3 acres (approx.)

Density: N/A

General Plan Conformance: The proposal is consistent with the Surprise General Plan 2035

Support/Opposition: None known

Findings:

- The proposed Final Re-Plat is consistent with the Surprise General Plan 2035.
- The proposed Final Re-Plat is consistent with the Surprise Village Marketplace PAD.
- The proposed Final Re-Plat is consistent with the amended Site Plan for Surprise Village Marketplace.
- The reviewing agencies have indicated no objections to the request.

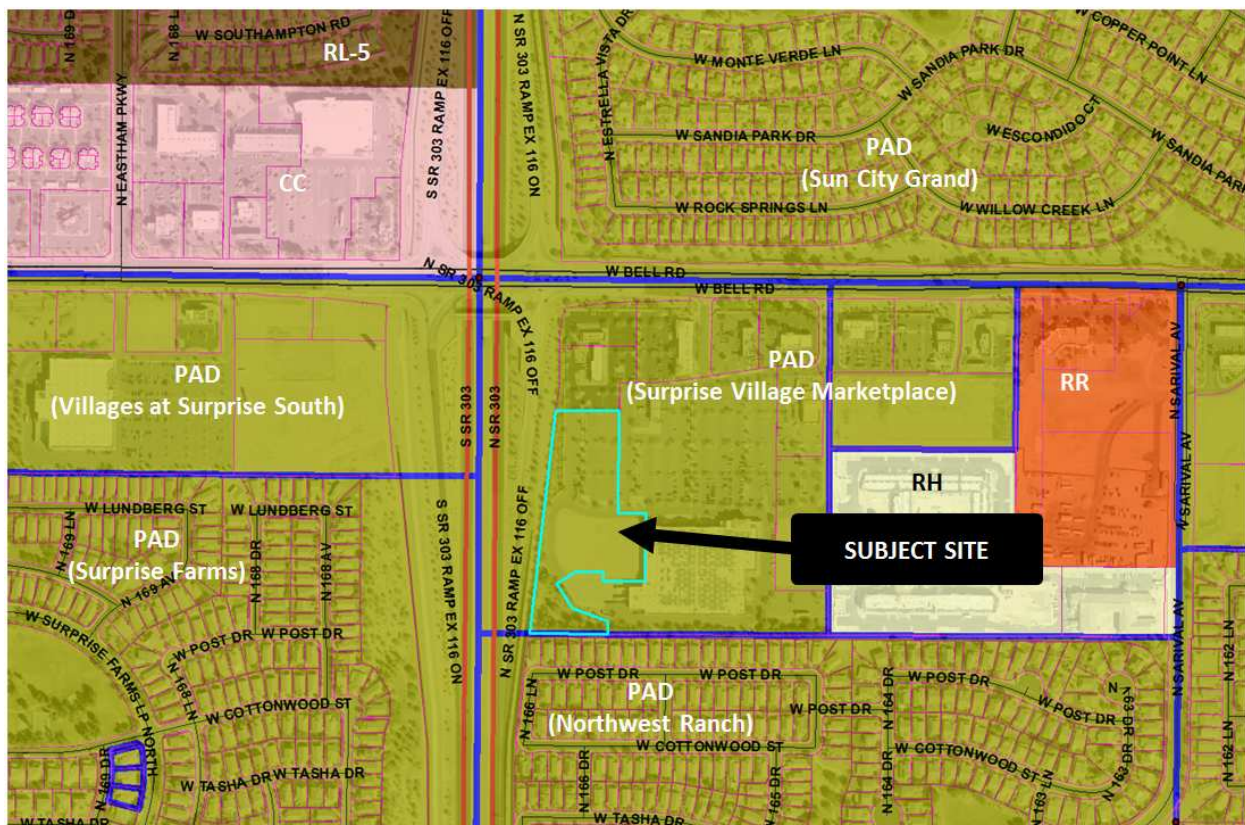
Alternative Actions: **Approval** of the requested Final Re-Plat will allow the developer to legally divide the property.

Denial of the requested Final Plat will deny the applicant the opportunity to legally divide the property as depicted on the proposed final plat.

Project Description:

The subject request involves a Re-Plat of Lot 1 of Surprise Village Marketplace as originally recorded in Book 1118, Page 15 MCR. The proposed Re-Plat encompasses approximately 5.3 acres and is consistent with the Surprise Village Marketplace PAD. The site was also the subject of a Major Site Plan Amendment that was recently approved by the Planning and Zoning Commission, as well as a Conditional Use Permit to allow a Freeway Monument Sign, which was recently approved by City Council.

The following map depicts the location of the subject site.



BACKGROUND:

September 28, 2006: The City Council approved the Surprise Village Marketplace PAD under case PAD06-286.

March 20, 2007: The Planning and Zoning Commission approved the Comprehensive Sign Program (CSP) for Surprise Village Marketplace under case CUP06-458.

July 28, 2011: Staff approved a Minor Site Plan Amendment relating to a new driveway in the vicinity of Shops B of Surprise Village Marketplace under FS11-188.

August 2, 2012: The Commission approved a Conditional Use Permit for Taco Bell at Surprise Village Marketplace under case FS12-175.

January 1, 2016: The Commission approved a Major Site Plan Amendment for Surprise Village Marketplace relating to Shops D under case FS15-392.

May 11, 2016: The Commission approved a Major Site Plan Amendment for Babbo Italian Eatery under case FS16-024.

October 6, 2016: The Commission approved a Major Site Plan Amendment for Storage West under case FS16-219.

November 1, 2016: The Council approved a Zone Change to allow self-storage as a permitted use in the Surprise Village Marketplace under case FS16-219.

November 17, 2016: The Commission approved a Conditional Use Permit for Greulich's Automotive under case FS16-320.

March 7, 2017: The Commission approved a Major Site Plan Amendment for Popeye's Louisiana Kitchen under case FS16-412.

April 20, 2017: The Commission approved a Major Site Plan Amendment for Hayashi Restaurant under case FS16-556.

June 5, 2018: The Council approved a request for a Conditional Use Permit to allow a Freeway Monument Sign on the subject property under case FS18-054.

July 19, 2018: The Commission approved a Major Site Plan Amendment for LA Fitness under case FS18-087.

August 16, 2018: The applicant filed the subject request under case FS18-411.

Reviewing Agencies:

The subject request was routed to the standard reviewing agencies, who have indicated no objections to the request.

Summary:

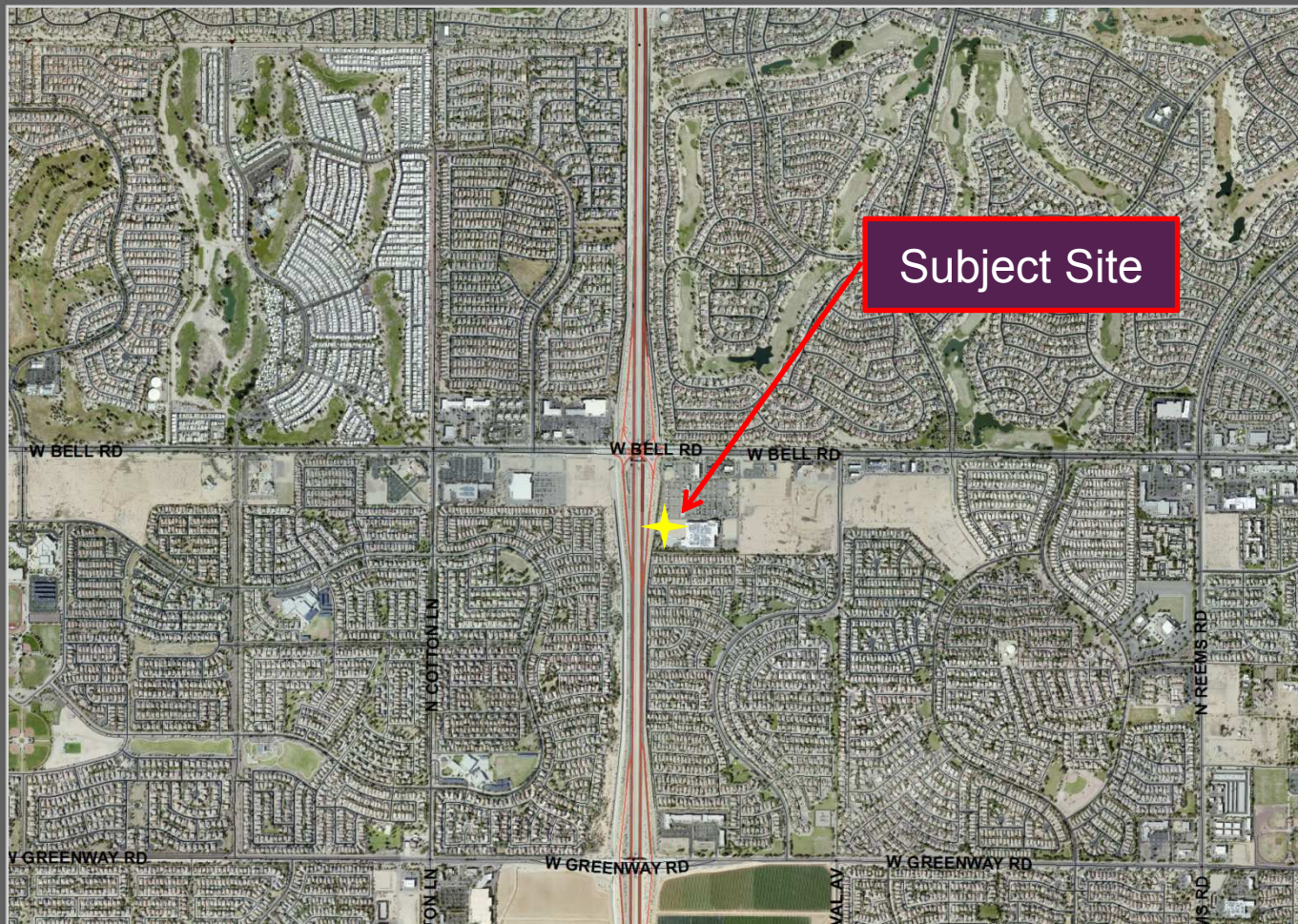
The proposed Re-Plat is consistent with the Surprise Village Marketplace PAD and other regulatory documents. The reviewing agencies have expressed no objections to the approval of the Final Plat. Approval of the subject Final Re-Plat will allow the developer to legally divide the property.

Findings:

- The proposed Final Re-Plat is consistent with the Surprise General Plan 2035.
- The proposed Final Re-Plat is consistent with the Surprise Village Marketplace PAD.
- The proposed Final Re-Plat is consistent with the amended Site Plan for Surprise Village Marketplace.
- The reviewing agencies have indicated no objections to the request.

Attachments:

01 Vicinity Map
02 Case Map
03 Final Plat



FS18-411 Vicinity Map

S00°34'11"W 1328.95'

N. 1/4 COR.
SECTION 1
T 3N, R 2W
FOUND ADOT
BRASS CAP

W. Bell Road
N89°23'35"W 2632.52'

NORTH LINE
OF SECTION 1

NE CORNER, NW 1/4,
NE 1/4, SECTION 1

NE CORNER
SECTION 1
T 3N, R 2W
FOUND BRASS CAP
IN HAND HOLE

SCALE 1"=50'
0 25' 50' 100'

Bob Stump Memorial Parkway

LOT 2, SURPRISE VILLAGE MARKETPLACE
PER BOOK 1118 OF MAPS, PAGE 15, MCR

S89°23'36"E 236.93'
172.93'

64.00'

8' ELECTRIC EASEMENT
PER BOOK 1118 OF
MAPS, PAGE 15, MCR

12' WATER LINE EASEMENT
PER BOOK 1118 OF MAPS,
PAGE 15, MCR

APN 501-12-005F
SAM'S WEST INC.

E. LINE OF NW 1/4, NE 1/4
SECTION 1, T 3N, R 2W

S00°33'00"W 1328.02'

PARCEL A
179,562 S.F.=
4.122 ACRES

PARCEL B
51,197 S.F.=
1.175 ACRES

POINT OF
BEGINNING
PARCEL B

APN 501-12-005F
SAM'S WEST INC.

12' WATER LINE EASEMENT
PER BOOK 1118 OF MAPS,
PAGE 15, MCR

S. LINE OF NW 1/4, NE 1/4
SECTION 1, T 3N, R 2W

POINT OF
BEGINNING
PARCEL A

S89°31'15"E 196.95'
SW COR., NW 1/4,
NE 1/4 SECTION 1
T 3N, R 2W

NORTHWEST RANCH PHASE 1
PER BOOK 552 OF MAPS, PAGE 1, MCR

APN 509-04-676
NORTHWEST RANCH
HOMEOWNERS ASSOCIATION

FINAL PLAT FOR BELL ROAD & 303, LLC

LOT 1, SURPRISE VILLAGE MARKETPLACE PER BOOK 1118 OF MAPS,
PAGE 15, RECORDS OF MARICOPA COUNTY, ARIZONA AND BEING
SITUATED IN A PORTION OF THE NORTHEAST QUARTER OF SECTION
1, TOWNSHIP 3 NORTH, RANGE 2 WEST OF THE GILA AND SALT
RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA.

LEGAL DESCRIPTION

LOTS 1, SURPRISE VILLAGE MARKETPLACE, AS RECORDED IN BOOK 1118 OF MAPS, PAGE 15,
RECORDS OF MARICOPA COUNTY, ARIZONA.

SITUATED IN A PORTION OF THE NORTHEAST QUARTER OF SECTION 1, TOWNSHIP 3 NORTH, RANGE
2 WEST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA.

DEDICATION

STATE OF ARIZONA } S.S.
COUNTY OF MARICOPA }

KNOW ALL PERSONS BY THESE PRESENTS: THAT BELL ROAD & 303, LLC, A DELAWARE LIMITED LIABILITY
COMPANY HAS SUBDIVIDED UNDER THE NAME BELL ROAD & 303, LLC, A SUBDIVISION OF LOT 1, SURPRISE
VILLAGE MARKET AS RECORDED IN BOOK 1118 OF MAPS, PAGE 15, RECORDS OF MARICOPA COUNTY,
ARIZONA BEING SITUATED IN A PORTION OF THE NORTHEAST QUARTER OF SECTION 1, TOWNSHIP 3 NORTH,
RANGE 2 WEST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA AS SHOWN
AND PLATTED HEREON AND DOES HEREBY PUBLISH THIS PLAT AS AND FOR THE PLAT OF BELL ROAD &
303, LLC AND DECLARES THAT THIS PLAT SETS FORTH THE LOCATION AND GIVES THE DIMENSIONS OF EACH
LOT, AND EASEMENT CONSTITUTING SAME, AND THAT EACH LOT, AND EASEMENT SHALL BE KNOWN BY THE
NUMBER OR NAME GIVEN TO EACH RESPECTIVELY AS SHOWN ON THIS PLAT.

OWNER HEREBY GRANTS TO THE UNITED STATES OF AMERICA DEPARTMENT OF THE AIR FORCE (USAF) AN
AVIGATION EASEMENT OVER AND ACROSS THIS PLAT AND EVERY LOT AND PARCEL THEREOF, WHICH
EASEMENT SHALL INCLUDE, BUT NOT BE LIMITED TO, THE RIGHT OF FLIGHT OF AIRCRAFT OVER THIS PLAT,
TOGETHER WITH ITS ATTENDANT NOISE, VIBRATIONS, FUMES, DUST, FUEL AND LUBRICANT PARTICLES, AND
ALL OTHER EFFECTS THAT MAY BE CAUSED BY THE OPERATION OF AIRCRAFT LANDING AT, OR TAKING OFF
FROM, OR OPERATING AT OR ON LUKE AIR FORCE BASE AND AUXILIARY FIELD.

OWNER HEREBY GRANTS TO THE CITY OF SURPRISE A PERPETUAL CROSS ACCESS EASEMENT ACROSS THE
PLAT INCLUDING ROADS AND STREETS, OPEN SPACES, COMMUNITY FACILITIES, TRACTS, SIDEWALKS, DRAINAGE
BASINS AND ANY PROPERTY WITHIN THE PLAT OWNED BY THE HOMEOWNERS ASSOCIATION FOR THE
PURPOSES OF PROVIDING CONTINUOUS AND UNINTERRUPTED INGRESS AND EGRESS FOR EMERGENCY
VEHICLES.

THE EASEMENTS GRANTED WITHIN THIS DEDICATION ARE PERMANENT AND PERPETUAL AND SHALL RUN WITH
THE LAND AND BE BINDING UPON OWNER AND ITS HEIRS, ASSIGNS, AND SUCCESSORS IN INTEREST IN THIS
PLAT OR ANY PARCEL OR LOT THEREOF.

IN WITNESS WHEREOF, BELL ROAD & 303, LLC AS OWNER HAS HEREUNTO CAUSED THEIR NAMES TO BE
SIGNED THIS _____ DAY OF _____, 2018

BELL ROAD & 303, LLC A DELAWARE LIMITED LIABILITY COMPANY.

BY: GRACE INVESTMENTS COMPANY
AN ARIZONA CORPORATION.

ITS: MANAGER.

BY: _____

ITS: _____

ACKNOWLEDGEMENT

STATE OF ARIZONA } S.S.
COUNTY OF MARICOPA }

BEFORE ME THIS _____ DAY OF _____, 2018 THE UNDERSIGNED
NOTARY, WHO ACKNOWLEDGED HIMSELF TO BE HOWARD T. GRACE AS PRESIDENT OF GRACE
INVESTMENT COMPANY, AS SOLE MANAGER OF BELL ROAD & 303, LLC, A DELAWARE LIMITED
LIABILITY COMPANY THE OWNER OF THE PROPERTY PLATTED HEREON AND ACKNOWLEDGED THAT
HOWARD T. GRACE AS PRESIDENT EXECUTED THIS INSTRUMENT FOR THE PURPOSES HEREIN
CONTAINED.

IN WITNESS WHEREOF, I HEREUNTO SET MY HAND AND OFFICIAL SEAL.

NOTARY PUBLIC

EXPIRES

RELEASE OF LIABILITY

BELL ROAD AND 303, LLC (OWNER) DOES HEREBY (1) RELEASE AND DISCHARGE THE UNITED STATES OF
AMERICA DEPARTMENT OF THE AIR FORCE (USAF) AND THE CITY OF SURPRISE, AND (2) INDEMNIFY,
DEFEND, AND HOLD HARMLESS THE CITY OF SURPRISE, OF AND FROM ANY LIABILITY FOR ANY AND ALL
CLAIMS FOR DAMAGES OF ANY KIND TO PERSONS OR PROPERTY THAT MAY ARISE AT ANYTIME IN THE
FUTURE OVER, OR IN CONNECTION WITH AIRCRAFT OVERFLIGHTS FROM AIRCRAFT UTILIZING LUKE AIR
FORCE BASE, WHETHER SUCH DAMAGE SHALL ORIGINATE FROM NOISE, VIBRATION, FUMES, DUST, FUEL
AND LUBRICANT PARTICLES, AND ALL OTHER EFFECTS THAT MAY BE CAUSED BY THE OPERATION OF
AIRCRAFT LANDING AT, OR TAKING OFF FROM, OR OPERATING AT OR ON LUKE AIR FORCE BASE AND
ITS AUXILIARY FIELDS. THIS INSTRUMENT SHALL RUN WITH THE LAND AND BE BINDING UPON OWNER
AND ITS HEIRS, ASSIGNS, AND SUCCESSORS IN INTEREST TO THIS PLAT OR ANY PARCEL OR LOT
THEREOF. THIS INSTRUMENT DOES NOT RELEASE THE USAF FROM LIABILITY FOR DAMAGE OR INJURY TO
PERSON OR PROPERTY CAUSED BY FALLING AIRCRAFT OR FALLING PHYSICAL OBJECTS FROM AIRCRAFT,
EXCEPT AS STATED HEREIN WITH RESPECT TO NOISE, FUMES, DUST, FUEL, AND LUBRICANT PARTICLES.

NOTES

1. SHARED ACCESS AND CROSS ACCESS IS STATED IN THE CONDITIONS COVENANTS AND RESTRICTIONS
SECTIONS 5 AND 5.1 OF DOC. NO. 2006-1658065, MCR.

2. THE PROPERTY IS LOCATED WITHIN AN AREA HAVING FLOOD ZONE DESIGNATION "X" BY THE FEDERAL
EMERGENCY MANAGEMENT AGENCY, ON FLOOD INSURANCE RATE MAP NO. 04013C220L WITH A DATE
OF IDENTIFICATION OF OCTOBER 16, 2013 FOR COMMUNITY NO. 040053, IN MARICOPA COUNTY, STATE
OF ARIZONA, WHICH IS THE CURRENT FLOOD INSURANCE RATE MAP FOR THE COMMUNITY IN WHICH
SAID PROPERTY IS SITUATED.

CERTIFICATION

I, DENNIS F. KEOGH, HEREBY CERTIFY THAT I AM A REGISTERED LAND SURVEYOR IN THE STATE OF
ARIZONA, THAT THIS MAP, CONSISTING OF 1 SHEET CORRECTLY REPRESENTS A BOUNDARY SURVEY
MADE UNDER MY SUPERVISION DURING THE MONTH OF AUGUST, 2018 THAT THE SURVEY IS TRUE AND
COMPLETE AS SHOWN, MEETS THE MINIMUM STANDARDS FOR ARIZONA LAND BOUNDARY SURVEYS, ALL
MONUMENTS SHOWN ACTUALLY EXIST AS SHOWN, THEIR POSITIONS ARE CORRECTLY SHOWN AND THAT
SAID MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

BY: _____

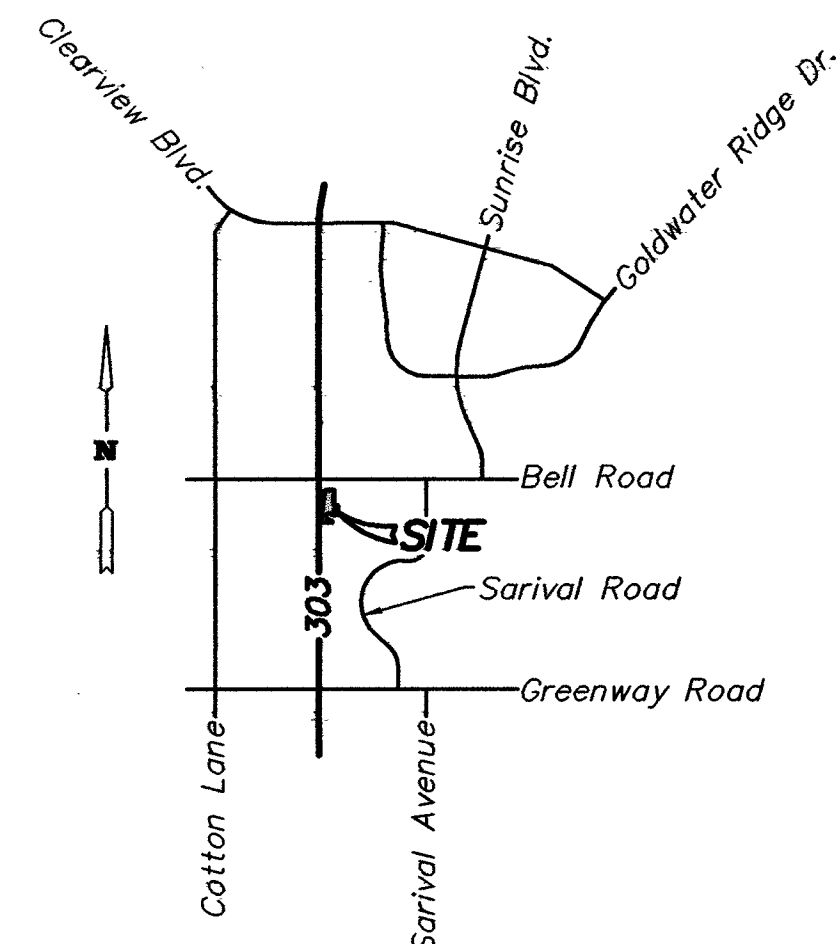
REGISTERED LAND SURVEYOR

10846

REGISTRATION NO.

10/12/18

DATE



VICINITY MAP
Not to Scale

OWNER

BELL ROAD & 303, LLC
C/O W.M. GRACE COMPANIES
6925 EAST INDIAN SCHOOL ROAD
SCOTTSDALE, ARIZONA 85251
CONTACT: JOHN DORSETT
PHONE: 602-956-8254
EMAIL: JDORSETT@WMGRACECO.COM

SURVEYOR

KEOGH ENGINEERING INC.
650 NORTH 137TH AVENUE
SUITE 110
GOODYEAR, ARIZONA 85338
PHONE: 623-535-7260
CONTACT: DENNIS KEOGH

BASIS OF BEARINGS

N89°23'35"W ALONG THE NORTH LINE OF THE NORTHEAST QUARTER OF
SECTION 1, TOWNSHIP 3 NORTH, RANGE 2 WEST, GILA AND SALT RIVER
BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA PER BOOK 1118 OF
MAPS, PAGE 15, MCR

TOTAL SITE AREA

230,759 S.F.=5.297 Acres

ASSESSOR'S PARCEL NO.

APN 501-12-941

REFERENCE DOCUMENTS

- MEMORANDUM OF LEASE RECORDED IN DOCUMENT NO. 2018-0042056, MCR, BETWEEN BELL ROAD &
303, LLC AND FITNESS INTERNATIONAL, LLC.
- FINAL PLAT OF SURPRISE VILLAGE MARKETPLACE RECORDED IN BOOK 1118 OF MAPS, PAGE 15, MCR.
- SPECIAL WARRANTY DEED RECORDED IN DOCUMENT NO. 2006-1658063, MCR.

PUBLIC NOTICE

THE PARCELS DEPICTED ON THIS PLAT ARE LOCATED WITHIN THE VICINITY OF LUKE AIR FORCE BASE
AND MAY BE SUBJECT TO OVERFLIGHTS BY JET AIRCRAFT. ALL STRUCTURES WITHIN THIS PLAT SHALL
BE CONSTRUCTED IN COMPLIANCE WITH THE SOUND ATTENUATION STANDARDS ADOPTED BY THE CITY
OF SURPRISE. A MAP DEPICTING THE 1988 MAG NOISE CONTOUR LINES IN RELATION TO THIS PLAT
SHALL BE DISPLAYED IN ALL SALES OFFICES. ADDITIONAL INFORMATION MAY BE OBTAINED BY
CONTACTING THE CITY OF SURPRISE COMMUNITY DEVELOPMENT DEPARTMENT.

APPROVAL

CITY OF SURPRISE ENGINEER APPROVAL

DATA ON THIS PLAT REVIEWED AND APPROVED THIS _____ DAY
OF _____, 2018 BY THE ENGINEER OF SURPRISE, ARIZONA.

APPROVED: _____ CITY ENGINEER DATE

CITY OF SURPRISE COUNCIL APPROVAL

APPROVED BY THE CITY COUNCIL OF THE CITY OF SURPRISE, ARIZONA THIS
DAY OF _____, 2018

APPROVED: _____ MAYOR DATE

ATTEST: _____ CITY CLERK DATE

LEGEND

- APN
 - MCR
 -
 -
 -
 -
 -
 -
- ASSESSOR'S PARCEL NUMBER
MARICOPA COUNTY RECORDER
SURVEY MONUMENT
PROPERTY BOUNDARY CORNER
(SET 1/2" REBAR WITH CAP L510846)
PROPERTY LINE
STREET CENTERLINE
ADJACENT LOT OR R/W
EASEMENT LINE



FINAL PLAT
FOR
"BELL ROAD & 303, LLC"

Keogh Engineering, Inc.
650 N. 137TH AVE., #110 • GOODYEAR, ARIZONA 85338
PHONE: (623) 535-7260
EMAIL: keogh@keoghenr.com
JOB NO. 21355 MAP NO. E-21355

SHEET 1 OF 1
NO. LOTS = 2
GROSS AREA: 5.297 Ac.



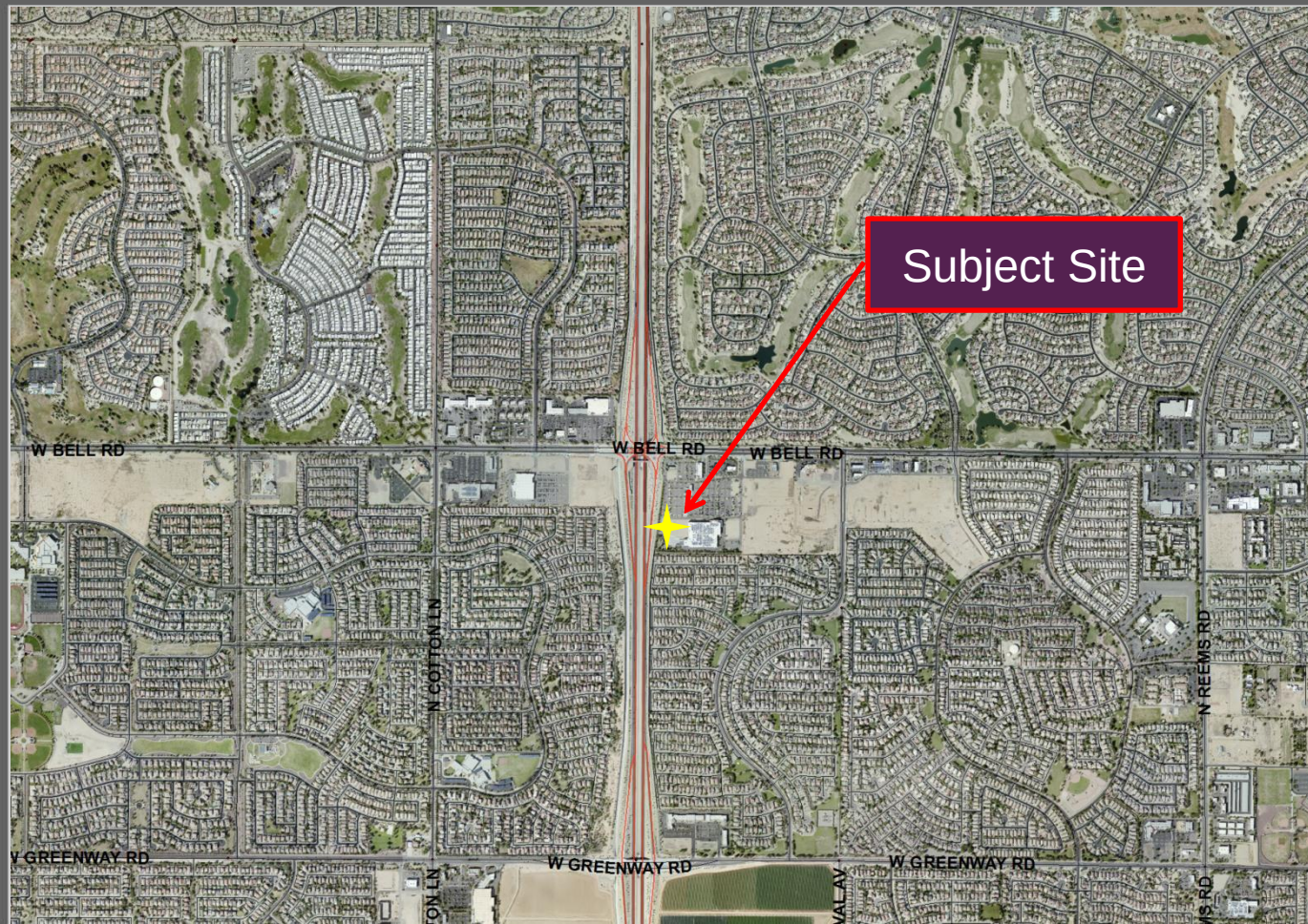
S U R P R I S E

A R I Z O N A

City Council

November 06, 2018

FS18-411 – Bell Road & 303 Re-Plat



Subject Site

FS18-411 Vicinity Map



SURPRISE

ARIZONA

**QUESTIONS OR
COMMENTS?**

Thank You



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date:	November 6, 2018	Contact Person:	Brian Carmichael
Submitting Department:		District:	Citywide
Staff Recommendations:	Approve		

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to authorizing submission of the Request for Exemption from posting statutory deposit to the Industrial Commission of Arizona.

Motion:

I move to approve and authorize submission of the Request for Exemption from Requirement to Post Statutory Deposit to the Industrial Commission of Arizona.

Background:

On January 30, 2017, Council approved by Resolution #2017-003 the funding of a self-insured workers' compensation program. With this approval comes certain regulatory compliance measures in addition to an annual application to the Industrial Commission of Arizona requesting authority to self-insure. In lieu of posting securities for outstanding workers' compensation liabilities, Arizona Administrative Code R-20-5-1114, affords public entities the opportunity to request waiver of security deposit. This waiver is considered by application to the Industrial Commission of Arizona and requires signature from the majority of Council, requesting such exemption be granted.

Objective Analysis:

This Action is to obtain consent from Council to submit an exemption letter to the State of Arizona Industrial Commission, seeking approval to waive the requirement to post a security deposit for outstanding workers' compensation liabilities.

Policy Compliant:

The action requested complies with all applicable statutes and codes and furthers the City Council's continuing agenda to be fiscally responsible and proactive.

Financial Impact:

The transition of the workers' compensation program has resulted in approximate savings of \$1.2m in FY18.

Budget Impact:

This requested action aims to avoid posting of statutory securities; thus, preserving contingency funds held within the Workers' Compensation Trust.

FTE Impact:

No FTE impact associated with this action.

ATTACHMENTS:

Click to download

[Request for Exemption to Post Statutory Deposit](#)



Risk Management
16000 N. Civic Center Plaza
Surprise, AZ 85374-7470
Phone: 623-222-3531
Fax: 623-222-3501

City of Surprise

COUNTY OF MARICOPA

I, Sherry Aguilar, City Clerk of the City of Surprise, Maricopa County, within the State of Arizona, do hereby attest that the attached is the original Request for Exemption from Requirement to Post Statutory Deposit for the City of Surprise in accordance with the Arizona Administrative Code and for its Self-insured Workers' Compensation Program, has been duly approved and signed by the City Council on_____.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the official seal of the City of Surprise to be affixed hereunto this_____day of November 2018.

Sherry Aguilar, City Clerk of the City of Surprise

Request for Exemption from Requirement to Post Statutory Deposit

Pursuant to the Arizona Administrative Code, subsection R20-5-1114 (A & B), this document constitutes a certified statement from the City of Surprise, an Arizona Municipality, duly qualified and authorized Arizona Workers' Compensation Self-insurer.

The City of Surprise hereby requests the Industrial Commission of Arizona (ICA) approve an alternate (exemption) from the positing of a statutory deposit, of which the current approved types are as follows: Letter of credit; a surety bond; U.S. Treasury notes or establishing a local government investment pool (LGIP) account. This request is made in accordance with A.A.C. R20-5-1114 and shall cover the City of Surprise unpaid Workers' Compensation claims liability, as outlined in the foregoing statement.

The City of Surprise, Arizona states:

1. The City of Surprise has established a self-insurance trust pursuant to A.R.S. 11-981 (A-F), Section 4-4 of the Surprise Arizona Code of Ordinances, and expressed authorization by the Surprise City Council.
2. The City of Surprise shall conduct an actuary report on an annual basis. The City will attempt to maintain a Workers' Compensation Trust Fund reserve fund balance equivalent to 85% confidence interval of the projected total outstanding claims liability as recommended by the Workers' Compensation Trust. The fund balance will comply with the exemption mandate and not fall below the actuary recommended funding levels of 50-55 percent of the ultimate liability.
3. The Workers' Compensation Trust Fund is sufficient to cover actuarial liabilities for workers' compensation as determined by the self-insurer in accordance with Government Accounting Standards Board Statement #10 (replaced by GASB No. 34); and
4. The City of Surprise provides funding to the Workers' Compensation Trust Fund established pursuant to A.R.S. 11-981 (A-F) each year. The amount held for workers' compensation purposes within the trust is sufficient to cover actuarial liabilities for workers' compensation claims as determined by the self-insurer's actuary in accordance with Government Accounting Standards Board Statement #10 (replaced by GASB No. 34).
5. The City's governing body, or designee, shall immediately notify the ICA and provide security as provided by and in this Article, if the governing body, or designee, learns that the Workers' Compensation Trust Fund has insufficient funds to cover all workers' compensation liabilities of the City of Surprise.
6. Pursuant to items 1 through 4, the City of Surprise meets the conditions required under A.R.S. 11-981 (A-F) and the Arizona Administrative Code, Subsection R20-5-1114 (A&B).
7. The Signatures below represent a majority of the governing body (City Council) members.

Signed _____ Date _____

Signed _____ Date _____

Signed _____ Date _____

Signed _____ Date _____

Signed _____ Date _____

Signed _____ Date _____

Signed _____

Date _____



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date: November 6, 2018 Contact Person: Lisa Angelini, Human Resources
Submitting Department: District: Internal
Staff: None
Recommendations:

Consent	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to approval of an Employment Agreement with Michael Frazier appointing him City Manager pursuant to Surprise Municipal Code Sec. 2-120.

Motion:

I move to approve the City Manager Employment Agreement with Michael Frazier for the position of City Manager.

Background:

With the resignation of current City Manager, Bob Wingenroth, this action will allow the council to appoint a replacement. The negotiated contract provides for a base salary of \$230,000 annually and no other compensable factors or severance package. Mr. Frazier will receive all benefits, including stipends and reimbursable expenses, on the same basis as non-represented City employees in accordance with the City's ordinances, policies and procedures. Notwithstanding the above, Mr. Frazier will accrue paid time off (PTO) at a rate of 10.77 hours per pay period (280 hours per year) and be provisioned with transportation under the same terms and conditions Employee was afforded as an Assistant City Manager.

Objective Analysis:

Appointment will result in an uninterrupted transition of management.

Policy Compliant:

This action is consistent with Surprise Municipal Code Section 2-120 which requires appointment of the City Manager by contract.

Financial Impact:

The proposed agreement will result in a salary of \$230,000 annually which is the amount approved by City Council for the former City Manager on 9/18/18.

Budget Impact:

The expenditure will increase the departments ongoing operating expenditures. This increase will be included in the FY2020 budget and FY2019 may require a year end budget amendment.

FTE Impact:

This item does not impact the full-time position count.

ATTACHMENTS:

Click to download

[City Manager Employment Agreement - Frazier](#)

City Manager Employment Agreement

THIS AGREEMENT, between the Mayor and Council of the City of Surprise Arizona ("City") and Michael Frazier ("Employee"), is authorized by Ariz. Rev. Stat. §9-271, entered into pursuant to Surprise Municipal Code §§ 2-120 and 2-121, and shall commence ("Effective Date") without further action immediately upon the departure of the current City Manager. The following sets forth the duties and responsibilities of the Parties:

1. Upon the Effective Date of this Agreement, Employee will perform all duties of the position of City Manager for the City as set forth in the Surprise Municipal Code, using reasonable care, diligence, skill, and expertise to fulfill Employee's role as City Manager.
2. Employee agrees to devote such time as is necessary for the full and proper performance of the Employee's duties, including work outside normal business hours, and to perform such duties exclusively for the City of Surprise.
3. The City will formally evaluate the performance of Employee on an annual basis, defining such goals and performance objectives as deemed necessary.
4. The City supports Employee's desire to maintain a Servant Leadership Model throughout the organization, the primary principles of which are set forth in the attached Ten Principles of Servant Leadership by Robert Greenleaf. City agrees to make available the resources Employee needs to maintain this model.
5. Beginning the first pay period after the Effective Date of this Agreement, City will pay Employee a biweekly salary of \$8,846.15 (\$230,000 per year) in accordance with the normal and usual procedure for payment of employees by the City. Salary will be adjusted annually on the same basis as non-represented employees, consistent with City's compensation policies (e.g. performance pay, market adjustments, cost of living adjustments, etc.) as approved by the City Council as part of the annual budget process. This Agreement will be automatically amended to reflect any such salary adjustments.
6. Employee will receive all benefits, including stipends and reimbursable expenses, on the same basis as non-represented City employees in accordance with the City's ordinances, policies and procedures. Notwithstanding the above, Employee will accrue paid time off (PTO) at a rate of 10.77 hours per pay period (280 hours per year) and be provisioned with transportation under the same terms and conditions Employee was afforded as an Assistant City Manager.
7. The Parties understand and agree that Employee serves at the pleasure of the Mayor and Council and that either party may terminate this Agreement at any time and for any reason upon 30 day written notice delivered in person or by mail to:

Mayor, City of Surprise
16000 N. Civic Center Plaza
Surprise, Arizona 85374

Michael Frazier,
16000 N. Civic Center Plaza
Surprise, Arizona 85374

Notice under this section is for the benefit of the City and can be waived, in whole or in part, by the City. Upon notice of termination under this section, the Parties will agree upon an appropriate plan to transition to new organizational leadership.

8. To the extent permitted by law, City agrees to defend, hold harmless and indemnify Employee from all demands, claims, suits, acts, errors or other omissions in legal proceedings brought against Employee in the Employee's official capacity; or individually as long as the action is determined to be within the scope of employment. Should any acts, errors, or other alleged omissions be determined to be outside the scope of employment, the City may elect not to defend, hold harmless or indemnify.

9. This Agreement constitutes the entire agreement between parties, and both parties acknowledge that there are no other agreements, oral or otherwise. This Agreement cannot be amended or modified without the written concurrence of both parties, except as specifically set forth herein.

10. This Agreement will be interpreted in accordance with the law of the State of Arizona. If any provision or portion of this Agreement is held to be unconstitutional, invalid or unenforceable, the remaining portion will remain unaffected, and City and Employee will enter into negotiations to correct the Agreement's defect in order to assure the intent of the Agreement is carried out to the fullest extent possible.

11. Each Party has had opportunity to consult legal counsel for advice regarding the drafting of this Agreement and the provisions of this Agreement may not be construed against or in favor of either party.

IN WITNESS WHEREOF, the parties have caused this Agreement to be signed and executed as of this ____ day of _____.

City of Surprise

Employee

Mayor Sharon Wolcott

Michael Frazier

Approved as to Form:

City Attorney

Ten Principles of Servant Leadership

By Robert Greenleaf

Listening - Traditionally, leaders have been valued for their communication and decision making skills. Servant-leaders must reinforce these important skills by making a deep commitment to listening intently to others. Servant-leaders seek to identify and clarify the will of a group. They seek to listen receptively to what is being said (and not said). Listening also encompasses getting in touch with one's inner voice, and seeking to understand what one's body, spirit, and mind are communicating.

Empathy - Servant-leaders strive to understand and empathize with others. People need to be accepted and recognized for their special and unique spirit. One must assume the good intentions of coworkers and not reject them as people, even when forced to reject their behavior or performance.

Healing - Learning to heal is a powerful force for transformation and integration. One of the great strengths of servant-leadership is the potential for healing one's self and others. In "The Servant as Leader", Greenleaf writes, "There is something subtle communicated to one who is being served and led if, implicit in the compact between the servant-leader and led is the understanding that the search for wholeness is something that they have."

Awareness - General awareness, and especially self-awareness, strengthens the servant-leader. Making a commitment to foster awareness can be scary—one never knows that one may discover! As Greenleaf observed, "Awareness is not a giver of solace – it's just the opposite. It disturbs. They are not seekers of solace. They have their own inner security."

Persuasion - Servant-leaders rely on persuasion, rather than positional authority in making decisions. Servant-leaders seek to convince others, rather than coerce compliance. This particular element offers one of the clearest distinctions between the traditional authoritarian model and that of servant-leadership. The servant-leader is effective at building consensus within groups.

Conceptualization - Servant-leaders seek to nurture their abilities to "dream great dreams." The ability to look at a problem (or an organization) from a conceptualizing perspective means that one must think beyond day-to-day realities. Servant-leaders must seek a delicate balance between conceptualization and day-to-day focus.

Foresight - Foresight is a characteristic that enables servant-leaders to understand lessons from the past, the realities of the present, and the likely consequence of a decision in the future. It is deeply rooted in the intuitive mind.

Stewardship - Robert Greenleaf's view of all institutions was one in which CEO's, staff, directors, and trustees all play significant roles in holding their institutions in trust for the great good of society.

Commitment to the Growth of People - Servant-leaders believe that people have an intrinsic value beyond their tangible contributions as workers. As such, servant-leaders are deeply committed to a personal, professional, and spiritual growth of each and every individual within the organization.

Building Community - Servant-leaders are aware that the shift from local communities to large institutions as the primary shaper of human lives has changed our perceptions and has caused a feeling of loss. Servant-leaders seek to identify a means for building community among those who work within a given institution.



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date:	November 6, 2018	Contact Person:	Eric Fitzer - Community Development
Submitting Department:		District:	4
Staff Recommendations:	Approve		

Consent	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to approval of the purchase of approximately 0.59 acres of unimproved real property within the Original Townsite commonly known as 16009 N. Nash Street, Surprise, Arizona for \$116,000.00; Resolution # 2018-180.

Motion:

I move to approve Resolution #2018-180.

Background:

City staff has conducted, through consultants, an Environmental Phase 1 and an Appraisal. The Environmental phase 1 came back favorable, and thus no further environmental investigation of the subject property is required at this time.

Objective Analysis:

Purchase of the property will allow for the City to move forward with future planning of the City services in the Original Townsite. The environmental phase 1 was favorable.

Potential negative impacts could be that the City would no longer collect property taxes. Long term operations and maintenance of the property would be at the City's expense.

Policy Compliant:

The purchase of the property is compliant with the Council priority of reinvigorating and redeveloping the Original Town Site of the City of Surprise.

Financial Impact:

To acquire the property will cost the City \$116,000 with potential closing costs. There will also be ongoing costs associated with operations and maintenance of the property for the foreseeable future.

Budget Impact:

The funding source for this purchase is General Capital Projects Fund, Community Development #P42010 OTS Land Acquisition. Current Balance is \$379,739. The purchase of the Property at \$116,000 would leave a balance of \$263,739.

FTE Impact:

This item does not have an impact on current staff levels.

ATTACHMENTS:

Click to download

[Resolution 2018-180](#)

[OTS Property Presentation](#)

RESOLUTION # 2018-180

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF SURPRISE, ARIZONA, AUTHORIZING AND DIRECTING THE CITY MANAGER, CITY ATTORNEY AND CITY STAFF TO TAKE ANY AND ALL ACTION NECESSARY; TO SIGN ANY AND ALL DOCUMENTS; TO EXECUTE A PURCHASE AGREEMENT AND JOINT ESCROW INSTRUCTIONS AND OTHER NECESSARY AGREEMENTS, INSTRUMENTS AND DOCUMENTS FOR THE PURCHASE OF .59 ACRES OF REAL PROPERTY, LOCATED AT 16009 NORTH NASH STREET FROM SAMUEL P SIMMONS FAMILY LIVING TRUST.

WHEREAS, pursuant to ARS § 9-241(A), a municipal corporation may purchase, receive, hold, lease and convey property, real and personal, as may be necessary or proper to carry out the purposes of the corporation, within or without its limits;

WHEREAS, Samuel P Simmons Family Living Trust owns 0.59 acres of land located at 16009 North Nash Street Surprise, Arizona ("Property");

WHEREAS, the City of Surprise has identified the Property as a strategic investment within the City's Original Townsite;

WHEREAS, the City of Surprise procured a Phase 1 Environmental Site Assessment prepared by Western Technologies Inc. which when concluded found no evidence of adverse environmental impacts on the Property, and further site due diligence concluded that no further environmental investigation of the Property is required at this time;

WHEREAS, the City of Surprise commissioned an appraisal which was conducted by Appraisal Technology Inc., and which determined the Property's current market value to be \$65,000;

WHEREAS, based on the appraised value of the Property and extensive negotiations between the parties, the City of Surprise has offered, and the Samuel P Simmons Family Living Trust has accepted, a sale price of \$116,000;

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Council of the City of Surprise, Arizona, as follows.

Section 1. The City is hereby authorized to enter into a purchase agreement with Samuel P Simmons Family Living Trust for the purchase of the Property for the agreed upon purchase price of \$116,000.

Section 2. The City Manager, or his designee, is hereby authorized to execute and submit all documents and other necessary or desirable instruments in connection with said agreement and to fully convey the Property to the City.

APPROVED AND ADOPTED this____ day of _____, 2018

Sharon R. Wolcott, Mayor

Attest:

Approved as to form:

Sherry Aguilar, City Clerk

Robert Wingo, City Attorney



Resolution #2018-XX
16009 North Nash Street, Surprise,
Arizona Property Purchase

November 6, 2018

Property

- § The City has made an offer and representatives from the Samuel Simmons Family Living Trust , the property owners, have agreed to sell
- § The land has been identified for use as part of a Mixed-use Redevelopment project within the Heritage District
- § The property is approximately 0.59 acres





SURPRISE
ARIZONA

**QUESTIONS OR
COMMENTS?**

Thank You

HOMESTEAD AT MARLEY PARK PHASE 4 & 5

PARCEL 7

STREET LIGHT DESIGN

STREET LIGHTING REQUIREMENTS

5.00 GENERAL NOTES:

THE FOLLOWING INFORMATION IS PROVIDED TO EMPHASIZE CRITICAL WORK AND IS INTENDED TO SUPPLEMENT THE SPECIFICATIONS. SHOULD THERE BE A CONFLICT WITH THE SPECIFICATIONS, THIS DOCUMENT SHALL TAKE PRECEDENCE.

ALTERNATES SHALL BE PRE-APPROVED BY THE CITY ENGINEERING MANAGER. APPROVAL OF ALTERNATE PRODUCTS SHALL BE ON AN EQUAL BASIS WITH THE PRODUCT SPECIFIED AND SHALL BE SUBMITTED A MINIMUM OF TEN (10) DAYS PRIOR TO BID OPENING. STRUCTURAL CALCULATIONS SHALL BE FURNISHED FOR ALTERNATE PRODUCTS AND CERTIFIED BY A STRUCTURAL ENGINEER, REGISTERED IN THE STATE OF ARIZONA. LUMINAIRES AND LAMPS SHALL MEET OR EXCEED THE PHOTOMETRIC, ELECTRICAL, AND MECHANICAL REQUIREMENTS FOR THE SPECIFIED PRODUCTS.

THE CONTRACTOR SHALL COMPLY WITH STATE AND CITY STATUTES, AND MANUFACTURER'S RECOMMENDATIONS.

THE SUBMITTAL PACKAGE SHALL CONSIST OF THREE (3) COPIES OF EQUIPMENT/MATERIAL TO BE INSTALLED AND SHALL BE BOUND/STAPLED IN A FOLDER AND SUBMITTED AT THE TIME OF PERMIT APPLICATION.

PRIOR TO SUBMITTING A PROPOSAL, THE BIDDER SHALL EXAMINE ALL GENERAL CONSTRUCTION DRAWINGS AND VISIT THE CONSTRUCTION SITE TO BECOME FAMILIAR WITH EXISTING CONDITIONS UNDER WHICH HE WILL OPERATE AND WHICH WILL IN ANY WAY AFFECT THE WORK UNDER THE CONTRACT. NO SUBSEQUENT ALLOWANCE WILL BE MADE IN THIS CONNECTION IN THE BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLIGENCE ON HIS PART.

PRIOR TO ORDERING ANY MATERIALS OR DOING ANY WORK, THE CONTRACTOR SHOULD VERIFY DIMENSIONS AT THE SITE. IMMEDIATELY REPORT DIFFERENCES TO THE ENGINEERING MGR. AND SHOULD NOT PROCEED WITH WORK UNTIL THE ENGINEERING MGR. RENDERS A DECISION. NO EXTRA CHARGES OR COMPENSATION WILL BE ALLOWED FOR DIFFERENCES IN ACTUAL DIMENSIONS AND DIMENSIONS INDICATED ON THE DRAWINGS.

5.01 GENERAL:

THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH ALL LICENSING REQUIREMENTS SET FORTH BY THE STATE REGISTRAR OF CONTRACTORS OFFICE TO PERFORM WORK RELATING TO STREET LIGHT INSTALLATION IN THE CITY RIGHT-OF-WAY.

ONE PROJECT UNDERGROUND UTILITIES (RIGHT OF WAY) PERMIT AND ONE STREETLIGHT PERMIT FOR EACH STREET LIGHT POLE SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

5.02 WORKING / "AS BUILT" PLANS:

ACCEPTANCE OF THE COMPLETED IMPROVEMENTS WILL NOT BE GIVEN UNTIL 4 MIL PHOTO MYLAR REPRODUCIBLE "AS BUILT" PLANS HAVE BEEN SUBMITTED TO AND APPROVED BY THE CITY ENGINEER.

5.03 LIGHT POLES:

LIGHT POLES SHALL BE INSTALLED PLUMB, BE ADJUSTED TO PROVIDE PROPER ALIGNMENT TO THE ROADWAY BEING LIGHTED AND BE PROPERLY GROUNDED WHEN THE INSTALLATION IS COMPLETE.

5.04 EMBEDMENT:

DIRECT BURIED POLES SHALL BE SET IN A TWELVE (12) INCH AUGURED HOLE DEPTH AS SPECIFIED IN UNDISTURBED EARTH. POLE SHALL BE SET PLUMB IN TWO DIRECTIONS 90 DEGREES APART. HAND TAMPING OF ABC BACKFILL WITH PNEUMATIC OR VIBRATING EQUIPMENT IS THE ACCEPTABLE METHOD OF COMPACTION. BACKFILL SHALL BE COMPACTED TO 85% OF MAXIMUM DENSITY AS DEFINED BY ASTM D-2922 AND D-3017. A GROUND ROD SHALL BE INSTALLED ADJACENT TO PULL BOX IN UNDISTURBED SOIL AND A LEAD IN COPPER BOND WIRE (#6) SHALL BE INSTALLED IN 1" CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT (OR EQUAL) FOR POLE GROUNDING.

SURPLUS EXCAVATION SHALL BE DISPOSED OF BY THE CONTRACTOR.

5.05 LUMINAIRES:

LUMINAIRES SHALL BE INSTALLED LEVEL AND INCLUDE A LAMP AND PHOTOCCELL. CONTRACTOR SHALL ASSURE THAT THE LUMINAIRES SHALL BE FREE OF DUST, DIRT OR ANYTHING THAT WOULD IMPAIR THE OUTPUT OF THE LIGHT BEFORE HE LEAVES THE SITE.

LUMINAIRES FURNISHED WITH MULTI-TAP BALLASTS SHALL BE REWIRED OR RECONNECTED TO MATCH THE VOLTAGE SUPPLIED BY THE ELECTRIC UTILITY COMPANY.

5.06 WIRING:

WIRING SHALL BE INSTALLED PER UTILITY STANDARDS.

5.07 GROUNDING:

EACH POLE SHALL HAVE A 8' X 5/8" COPPER CLAD GROUND ROD DRIVEN ADJACENT TO PULL BOX. A #6 BARE COPPER LEAD FROM THE GROUND ROD IN PULL BOX TO LANDING LUG IN STREET LIGHT POLE HAND HOLE.

5.08 PULL BOXES:

EXCAVATION FOR PULL BOXES AND MATERIAL SPECIFICATION SHALL BE PER THE ELECTRIC UTILITY COMPANY STANDARDS.

5.09 TRENCH

TRENCH SHALL BE INSTALLED PER THE UTILITY COMPANY STANDARDS.

THE USE OF A COMMON ELECTRIC UTILITY COMPANY TRENCH IS PERMITTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE UTILITY COMPANY FOR COORDINATION OF TRENCHING AND THE INSTALLATION OF CONDUIT.

CONDUIT SHALL BE INSTALLED AT THE DEPTH SPECIFIED ON THE PLANS. CONDUIT SHALL BE 1 INCH CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT OR EQUAL. CONDUIT MUST BE UL RATED AND SUITABLE FOR UNDERGROUND USE.

CONNECTIONS SHALL BE PER UTILITY STANDARDS.

5.12 LIGHT POLE IDENTIFICATION:

THE CONTRACTOR SHALL FURNISH AND INSTALL A NUMBER ON EACH LIGHT POLE. STREET LIGHT POLE IDENTIFICATION AND SPECIFICATIONS WILL BE PROVIDED BY THE CITY OF SURPRISE.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO RESTORE ALL PROPERTY, LANDSCAPING, PAVING AND DRIVEWAYS THAT ARE DISTURBED DURING STREET LIGHT CONSTRUCTION TO THEIR ORIGINAL CONDITION IN CONFORMANCE WITH "MAG" SPECIFICATION SECTION 107.9.

THE DEVELOPER SHALL BE RESPONSIBLE FOR FURNISHING ALL PERSONNEL AND EQUIPMENT TO SUCCESSFULLY PERFORM THE FOLLOWING TEST.

PRIOR TO ACCEPTANCE, THE DEVELOPER SHALL ENERGIZE AND OPERATE THE ENTIRE ROADWAY LIGHTING SYSTEM, FROM SUNSET TO SUNRISE FOR TWO CONSECUTIVE DAYS WITHOUT INTERRUPTION OR FAILURE. IF A LAMP OR BALLAST SHOULD FAIL, IT SHALL BE IMMEDIATELY REPLACED.

THE CONTRACTOR SHALL GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE ENGINEERING MANAGER, AGAINST IMPERFECT WORKMANSHIP, FAILURE, MALFUNCTION OF MATERIALS AND/OR EQUIPMENT DUE TO FAULTY OR IMPERFECT WORKMANSHIP. THIS GUARANTEE IS TO BE IN WRITING TO THE CITY AT THE TIME OF ISSUING FINAL ACCEPTANCE. WORK FOUND TO BE DEFECTIVE WITHIN THE WARRANTY PERIOD SHALL BE REPLACED WITHOUT COST TO THE CITY.

GENERAL ENGINEERING NOTES:

- ALL CONSTRUCTION MUST CONFORM TO MARICOPA ASSOCIATION OF GOVERNMENT (MAG) SPECIFICATIONS AND DETAILS AND LATEST REVISIONS UNLESS OTHERWISE STATED ON PLANS.
- THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND THEY WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL OVERHEAD AND UNDERGROUND UTILITY LOCATIONS WHERE CONSTRUCTION OCCURS. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT ALL UTILITIES ARE AVOIDED. UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND NOT FOR CONSTRUCTION PURPOSES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AND OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT ARIZONA UNDERGROUND FACILITIES LAWS (ARIZONA REVISED STATUTES TITLE 40, CHAPTER 2, ARTICLE 6.3, SECTION 40-360.21-32). CALL ARIZONA 811 FOR FIELD LOCATION BY DIAL 811.
- THE CITY OF SURPRISE ENGINEERING SERVICES OF PUBLIC WORKS SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK AT 623-222-6150.
- THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION OR VARIANCE FROM THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE PROPOSED AND RESUBMITTED FOR REVIEW AND APPROVAL.
- THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE DRAWING, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE. EXISTING SURFACE FEATURES AND FENCING SHALL BE REPLACED IN KIND.
- ANY INSPECTION BY THE CITY, COUNTY, OR THE ENGINEER, SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE APPLICABLE CODES AND AGENCY REQUIREMENTS.
- THE CONTRACTOR IS TO LOCATE ALL EXISTING LANDSCAPING, LANDSCAPING IRRIGATION LINES, PROPERTY MONUMENTS, FENCING OR SURFACE FEATURES PRIOR TO CONSTRUCTION. ANYTHING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
- NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
- ALL CONSTRUCTION WATER USED WITHIN THE CITY OF SURPRISE WATER SERVICE AREA REQUIRES APPROVAL BY THE CITY OF SURPRISE PUBLIC WORKS DEPARTMENT AND MAY BE SUBJECT TO VOLUME AND TIME RESTRICTIONS. PLEASE SEE THE CITY OF SURPRISE CONSTRUCTION WATER GUIDELINES FOR ADDITIONAL INFORMATION. THE GUIDELINES CAN BE OBTAINED FROM THE PUBLIC WORKS DEPARTMENT AT 623-222-6000.
- TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH MAG SPECIFICATION 401, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND THE "TEMPORARY WORK ZONE TRAFFIC MANAGEMENT POLICY" (LATEST EDITION).
- PRIOR TO FINAL APPROVAL AND ACCEPTANCE OF THE WORK, THE DEVELOPER/CONTRACTOR WILL BE REQUIRED TO CLEAN AND REPAIR ADJACENT (OFF-PROJECT) ROADWAYS USED OR DAMAGED DURING THE COURSE OF CONSTRUCTION.
- EMERGENCY VEHICLE ACCESS (E.V.A.) MUST BE PROVIDED BY THE DEVELOPER/CONTRACTOR THROUGHOUT THE PROJECT SITE. E.V.A. ROADS AND SIGNAGE SHALL BE MAINTAINED BY THE DEVELOPER/CONTRACTOR AT ALL TIMES. SIGNAGE SHALL BE POSTED AT THE POINT OF ENTRY TO THE SITE AND AT ALL LOCATIONS WHERE A CHANGE IN DIRECTION OCCURS.
- THE PLANS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT'S ACCESSIBILITY GUIDELINES, AS PUBLISHED IN THE FEDERAL REGISTER ON SEPTEMBER 15, 2010.

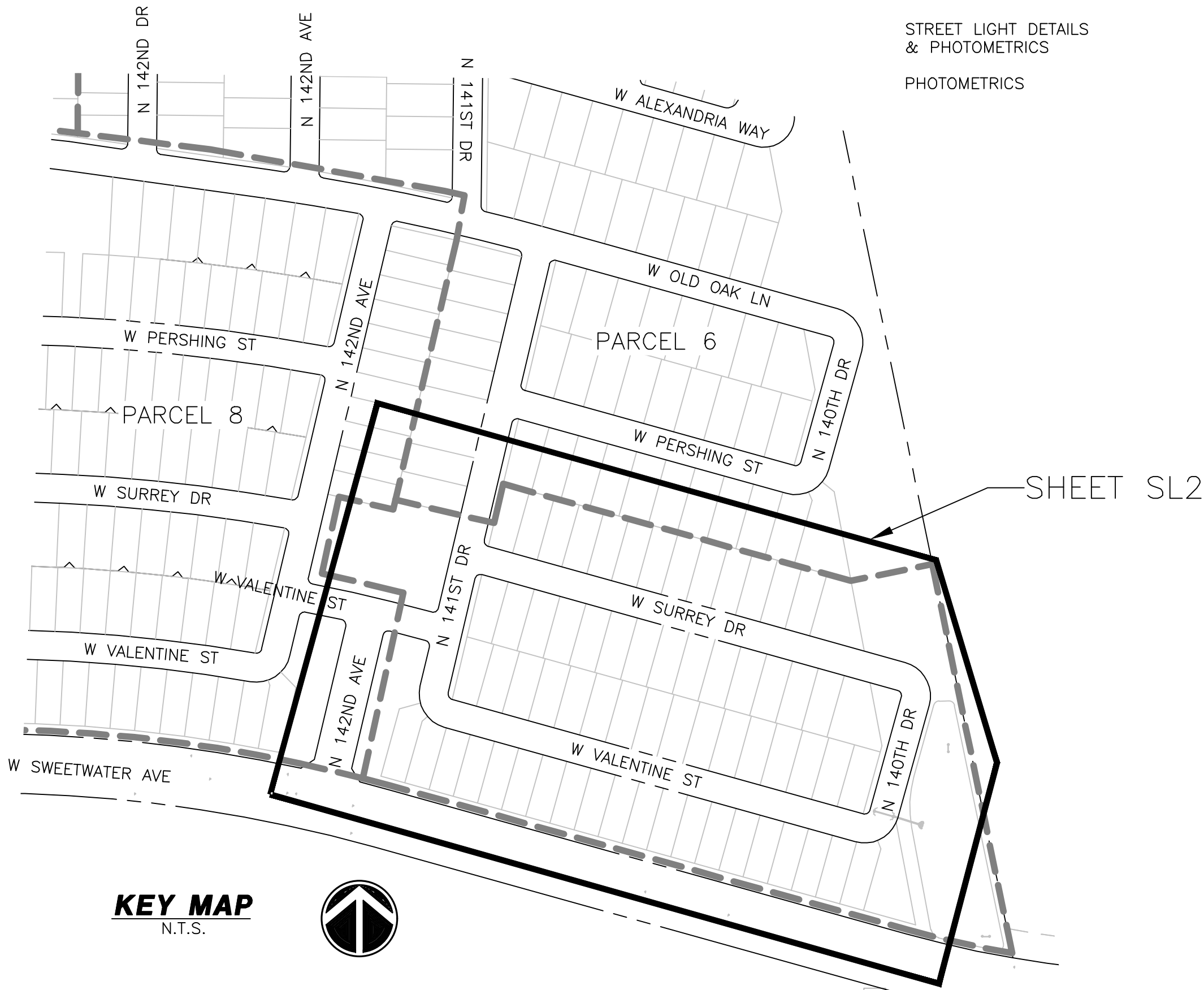
UTILITIES WITHIN OR AFFECTED BY THE PROJECT		
UTILITY CONTACT	DATE SUBMITTED	
ARIZONA PUBLIC SERVICE	4/06/2016	
CENTURY LINK	4/06/2016	
COX COMMUNICATIONS	4/06/2016	
COS WATER	4/06/2016	
SOUTHWEST GAS	4/06/2016	

NOTE

THE ELECTRICAL/MAINTENANCE COSTS OF ALL STREET LIGHTS ON LOCAL AND COLLECTOR STREETS ARE TO BE PAID BY THE ADJACENT PROJECT OR THE ADJACENT DEVELOPMENT'S STREET LIGHT IMPROVEMENT DISTRICT (SLID). THE ELECTRICAL / MAINTENANCE COSTS OF ALL STREET LIGHTS ON ARTERIAL STREETS ARE TO BE BILLED TO THE CITY OF SURPRISE'S ENERGY BILL.

LED NOTE

LED TECHNOLOGY IS CHANGING RAPIDLY. THE FIXTURES SHOWN ON THESE PLANS MAY NOT BE APPLICABLE AT TIME OF CONSTRUCTION. CONTRACTOR TO COORDINATE WITH APS AND UTILIZE THEIR CURRENT SPECIFICATION AT THE TIME OF BIDDING AND CONSTRUCTION.



CITY OF SURPRISE APPROVAL

THIS SET OF PLANS HAS BEEN REVIEWED FOR COMPLIANCE WITH CITY REQUIREMENTS PRIOR TO ISSUANCE OF PERMITS. THE CITY NEITHER ACCEPTS NOR ASSUMES ANY LIABILITY FOR ERRORS OR OMISSIONS. THIS COMPLIANCE APPROVAL SHALL NOT PREVENT THE CITY ENGINEER FROM REQUIRING CORRECTIONS OF ERRORS OR OMISSIONS IN PLANS FOUND TO BE IN VIOLATION OF LAW OR ORDINANCES.

CITY OF SURPRISE ENGINEER

DATE

STREET LIGHTING (APS AREA)															
KEY NO.	SYMBOL	STREET TYPE	OFFSET BEHIND B/C	QUANTITY	POLE		MAST ARM	LUMINAIRE						APS STANDARD CODE NO.	
					POLE HEIGHT	FOUNDATION		SIZE	MOUNTING HEIGHT	LUMENS	WATTAGE	I.E.S. DIST.	VOLTAGE		TYPE
①		LOCAL	PER PLANS	11	38'-0"	DIRECT BURY	2'-0"	31'-6"	4,800	41 W	TYPE II	*	LED	ARCHITECTURAL (SHOEBOX)	8030.S2.RL43
②		LOCAL	PER PLANS	1	38'-0"	DIRECT BURY	2'-0"	31'-6"	8,200	88 W	TYPE II	*	LED	ARCHITECTURAL (SHOEBOX)	8030.S2.RL43

*PER UTILITY COMPANY REQUIREMENTS

CIVIL ENGINEER
EPS GROUP, INC.
2045 S. VINEYARD, SUITE 101
MESA, AZ 85210
PHONE: (480) 503-2250
CONTACT: JOHN MCGHEE, P.E.

OWNER
MERITAGE HOMES
8800 E RAINTREE DR, SUITE 300
SCOTTSDALE, AZ 85260
PHONE: (480) 515-8251
CONTACT: JASON JARVIS



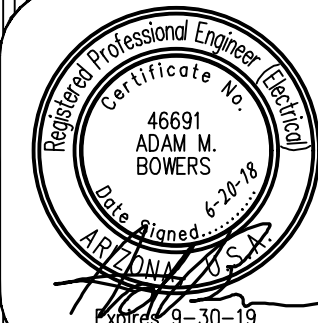
WRIGHT ENGINEERING
PROJECT NO:
18053-04
DESIGN BY: JKS
DRAWN BY: JKS
CHECKED BY: AMB

WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:

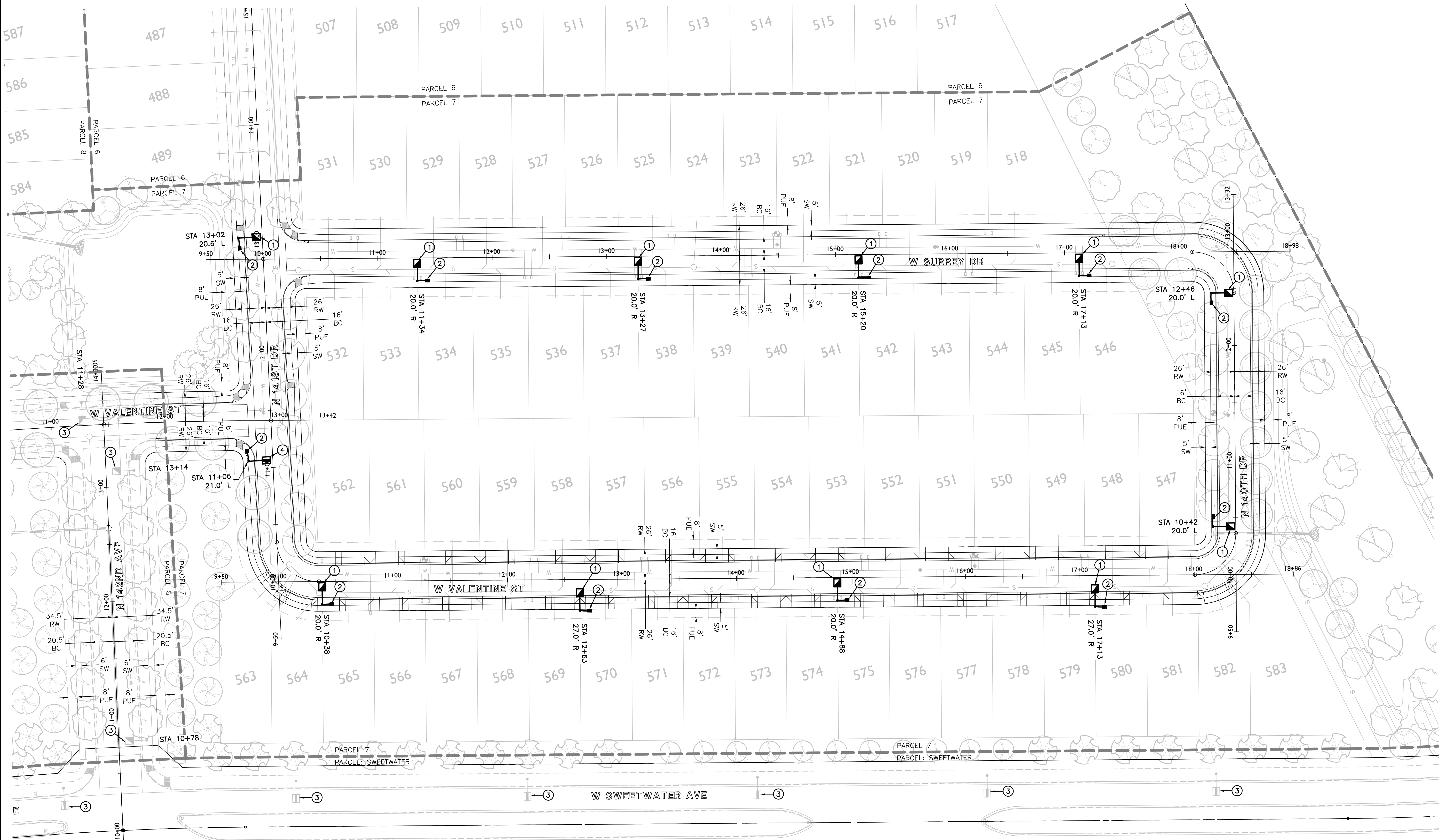
SURPRISE, ARIZONA
HOMESTEAD AT MARLEY PARK
PHASE 4 & 5 - PARCEL 7
STREET LIGHT COVER SHEET

NO.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
1	APR 2018	1ST SUBMITTAL
2	JUN 2018	2ND SUBMITTAL



DRAWING NO:
SL1
OF 3

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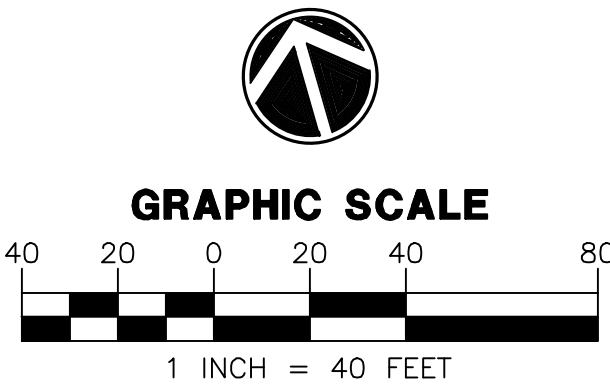
CONSTRUCTION NOTES

- (1) 41W LED (4,800 LUMEN) FIXTURE (LIGHT CODE RL41) WITH PHOTOELECTRIC CONTROL ON A 38'-0" DIRECT BURIED POLE (1940.36) WITH A 2" MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL3). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.
- INSTALL APS PULL BOX NEXT TO POLE. INSTALL 1" CONDUIT WITH (2) #14 TYPE THHN/THWN AND (1) #14 BARE BOND FROM PULL BOX TO FUSE HOLDER IN STREET LIGHT PER APS DETAILS AND SPECIFICATIONS.
- STREET LIGHT TO BE INSTALLED PER SEPARATE PLAN SET. SHOWN FOR REFERENCE ONLY.
- (1) 88W LED (8,200 LUMEN) FIXTURE (LIGHT CODE RL42) WITH PHOTOELECTRIC CONTROL ON A 38'-0" DIRECT BURIED POLE (1940.36) WITH A 2" MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL3). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.

ROADWAY SCALEABLE LED 3000K						
LIGHT CODE	COLOR	APN	WATTS	VOLTS	INITIAL LUMENS	PHOTOMETRIC CURVE
RL40		00141047	32	120/208/240/277	3,800	ERL1_04B130_120-277VIES
RL41		00141048	41	120/208/240/277	4,800	ERL1_05E130_120-277VIES
RL42	DKBZ	00141049	88	120/208/240/277	8,200	ERL1_08E130_120-277VIES
RL43		00141050	108	120/208/240/277	11,000	ERS1_11E130_120-277VIES
RL44		00141051	162	120/208/240/277	19,000	ERS2_19E130_120-277VIES

LEGEND

- 41W LED SHOEBOX STREET LIGHT
- 88W LED SHOEBOX STREET LIGHT
- STREET LIGHT PER SEPARATE PLAN
- EXISTING SHOEBOX STREET LIGHT
- PULL BOX
- NEW CONDUIT RUN
- FIRE HYDRANT

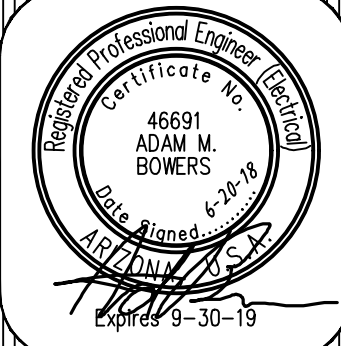


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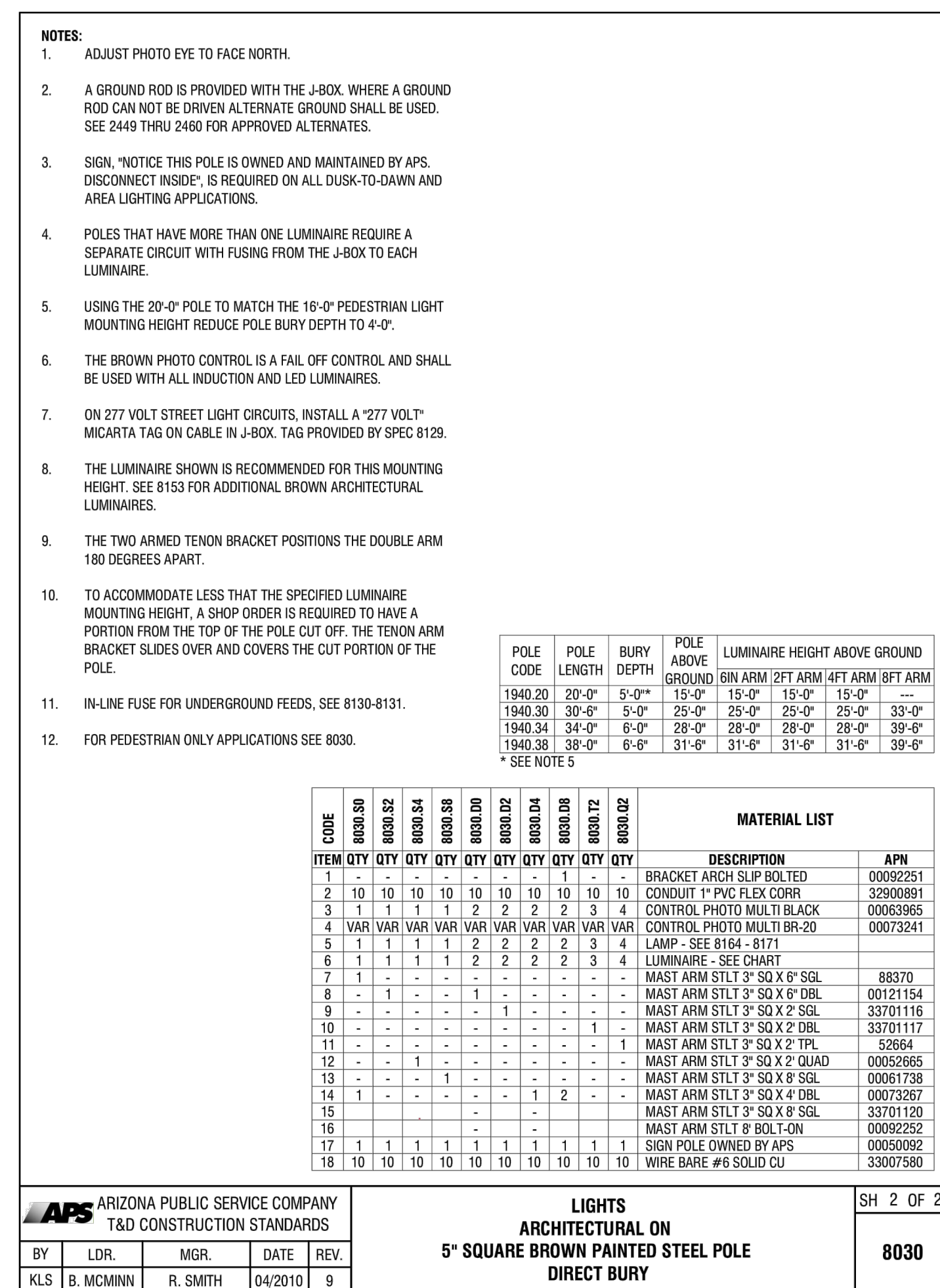
PROJECT: TITLE:
SURPRISE, ARIZONA
HOMESTEAD AT MARLEY PARK
PHASE 4 & 5 - PARCEL 7
STREET LIGHT PLAN

NO.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
1	APR 2018	1ST SUBMITTAL
2	JUN 2018	2ND SUBMITTAL



DRAWING NO:
SL2
OF 3

H:\2018\18053-Morley Park Phase 4&5\18053-Parcel 7-SLDwg

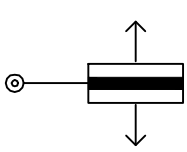


ARIZONA BLUE STAKE
CALL TWO WORKING DAYS
BEFORE YOU DIG
Dial 811 or
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)



INT- W VALENTINE & N 141ST DR
12 points
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.3
Minimum 0.5
Avg:Min 1.60
Max:Min 2.60
Coef Var 0.37

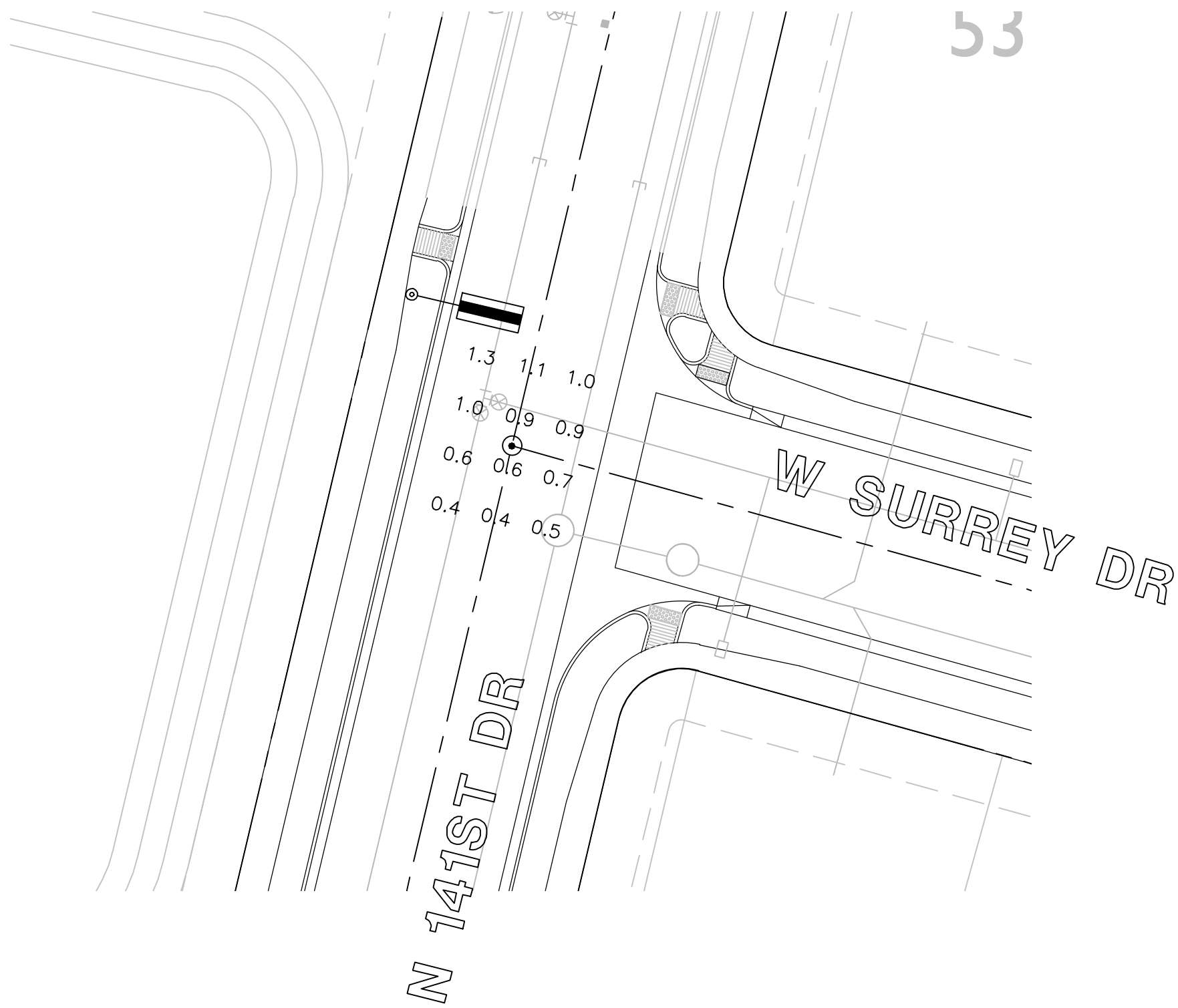
LEGEND



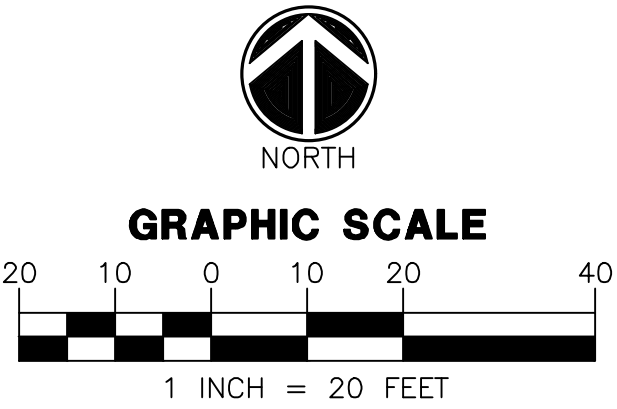
88W LED
2' MAST ARM
candela file 'eri1_08e130_tcm201-103998.ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 88
mounting height= 31.5 ft
number locations= 1, number luminaires= 1
kw all locations= 0.1



41W LED SHOEBOX
candela file 'eri1_05e130-120-277v_tcm201-103950.ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 41
mounting height= 31.5 ft
number locations= 1, number luminaires= 1
kw all locations= 0.0



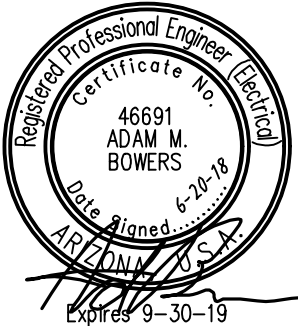
INT- N 141ST SR & W SURREY DR
12 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.3
Minimum 0.4
Avg:Min 1.96
Max:Min 3.25
Coef Var 0.36
UnifGrad 1.67





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PHONE 480.497.5829 • FAX 480.497.5807

**PHOTOMETRIC CALCULATION
SHEET. FOR INFORMATION ONLY.**



PROJECT NAME:
HOMESTEAD AT MARLEY
PARK PHASE 4 & 5
PARCEL 7
WRIGHT ENG.
PROJECT NO: **18053**
DESIGN BY: NBG **PH-1**

HOMESTEAD AT MARLEY PARK PHASE 4 & 5

PARCEL 9

STREET LIGHT DESIGN

STREET LIGHTING REQUIREMENTS

5.00 GENERAL NOTES:

THE FOLLOWING INFORMATION IS PROVIDED TO EMPHASIZE CRITICAL WORK AND IS INTENDED TO SUPPLEMENT THE SPECIFICATIONS. SHOULD THERE BE A CONFLICT WITH THE SPECIFICATIONS, THIS DOCUMENT SHALL TAKE PRECEDENCE.

ALTERNATES SHALL BE PRE-APPROVED BY THE CITY ENGINEERING MANAGER. APPROVAL OF ALTERNATE PRODUCTS SHALL BE ON AN EQUAL BASIS WITH THE PRODUCT SPECIFIED AND SHALL BE SUBMITTED A MINIMUM OF TEN (10) DAYS PRIOR TO BID OPENING. STRUCTURAL CALCULATIONS SHALL BE FURNISHED FOR ALTERNATE PRODUCTS AND CERTIFIED BY A STRUCTURAL ENGINEER, REGISTERED IN THE STATE OF ARIZONA. LUMINAIRES AND LAMPS SHALL MEET OR EXCEED THE PHOTOMETRIC, ELECTRICAL, AND MECHANICAL REQUIREMENTS FOR THE SPECIFIED PRODUCTS.

THE CONTRACTOR SHALL COMPLY WITH STATE AND CITY STATUTES, AND MANUFACTURER'S RECOMMENDATIONS.

THE SUBMITTAL PACKAGE SHALL CONSIST OF THREE (3) COPIES OF EQUIPMENT/MATERIAL TO BE INSTALLED AND SHALL BE BOUND/STAPLED IN A FOLDER AND SUBMITTED AT THE TIME OF PERMIT APPLICATION.

PRIOR TO SUBMITTING A PROPOSAL, THE BIDDER SHALL EXAMINE ALL GENERAL CONSTRUCTION DRAWINGS AND VISIT THE CONSTRUCTION SITE TO BECOME FAMILIAR WITH EXISTING CONDITIONS UNDER WHICH HE WILL OPERATE AND WHICH WILL IN ANY WAY AFFECT THE WORK UNDER THE CONTRACT. NO SUBSEQUENT ALLOWANCE WILL BE MADE IN THIS CONNECTION IN THE BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLIGENCE ON HIS PART.

PRIOR TO ORDERING ANY MATERIALS OR DOING ANY WORK, THE CONTRACTOR SHOULD VERIFY DIMENSIONS AT THE SITE. IMMEDIATELY REPORT DIFFERENCES TO THE ENGINEERING MGR. AND SHOULD NOT PROCEED WITH WORK UNTIL THE ENGINEERING MGR. RENDERS A DECISION. NO EXTRA CHARGES OR COMPENSATION WILL BE ALLOWED FOR DIFFERENCES IN ACTUAL DIMENSIONS AND DIMENSIONS INDICATED ON THE DRAWINGS.

5.01 GENERAL:

THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH ALL LICENSING REQUIREMENTS SET FORTH BY THE STATE REGISTRAR OF CONTRACTORS OFFICE TO PERFORM WORK RELATING TO STREET LIGHT INSTALLATION IN THE CITY RIGHT-OF-WAY.

ONE PROJECT UNDERGROUND UTILITIES (RIGHT OF WAY) PERMIT AND ONE STREETLIGHT PERMIT FOR EACH STREET LIGHT POLE SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

5.02 WORKING / "AS BUILT" PLANS:

ACCEPTANCE OF THE COMPLETED IMPROVEMENTS WILL NOT BE GIVEN UNTIL 4 MIL PHOTO MYLAR REPRODUCIBLE "AS BUILT" PLANS HAVE BEEN SUBMITTED TO AND APPROVED BY THE CITY ENGINEER.

5.03 LIGHT POLES:

LIGHT POLES SHALL BE INSTALLED PLUMB, BE ADJUSTED TO PROVIDE PROPER ALIGNMENT TO THE ROADWAY WHEN LIGHTED AND BE PROPERLY GROUNDED WHEN THE INSTALLATION IS COMPLETE.

5.04 EMBEDMENT:

DIRECT BURIED POLES SHALL BE SET IN A TWELVE (12) INCH AUGURED HOLE DEPTH AS SPECIFIED IN UNDISTURBED EARTH. POLE SHALL BE SET PLUMB IN TWO DIRECTIONS 90 DEGREES APART. HAND TAMPING OF ABC BACKFILL WITH PNEUMATIC OR VIBRATING EQUIPMENT IS THE ACCEPTABLE METHOD OF COMPACTION. BACKFILL SHALL BE COMPACTED TO 85% OF MAXIMUM DENSITY AS DEFINED BY ASTM D-2922 AND D-3017. A GROUND ROD SHALL BE INSTALLED ADJACENT TO PULL BOX IN UNDISTURBED SOIL AND A LEAD IN COPPER BOND WIRE (#6) SHALL BE INSTALLED IN 1" CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT (OR EQUAL) FOR POLE GROUNDING.

SURPLUS EXCAVATION SHALL BE DISPOSED OF BY THE CONTRACTOR.

5.05 LUMINAIRES:

LUMINAIRES SHALL BE INSTALLED LEVEL AND INCLUDE A LAMP AND PHOTOCCELL. CONTRACTOR SHALL ASSURE THAT THE LUMINAIRES SHALL BE FREE OF DUST, DIRT OR ANYTHING THAT WOULD IMPAIR THE OUTPUT OF THE LIGHT BEFORE HE LEAVES THE SITE.

LUMINAIRES FURNISHED WITH MULTI-TAP BALLASTS SHALL BE REWIRED OR RECONNECTED TO MATCH THE VOLTAGE SUPPLIED BY THE ELECTRIC UTILITY COMPANY.

5.06 WIRING:

WIRING SHALL BE INSTALLED PER UTILITY STANDARDS.

5.07 GROUNDING:

EACH POLE SHALL HAVE A 8' X 5/8" COPPER CLAD GROUND ROD DRIVEN ADJACENT TO PULL BOX. A #6 BARE COPPER LEAD FROM THE GROUND ROD IN PULL BOX TO LANDING LUG IN STREET LIGHT POLE HAND HOLE.

5.08 PULL BOXES:

EXCAVATION FOR PULL BOXES AND MATERIAL SPECIFICATION SHALL BE PER THE ELECTRIC UTILITY COMPANY STANDARDS.

5.09 TRENCH

TRENCH SHALL BE INSTALLED PER THE UTILITY COMPANY STANDARDS.

THE USE OF A COMMON ELECTRIC UTILITY COMPANY TRENCH IS PERMITTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE UTILITY COMPANY FOR COORDINATION OF TRENCHING AND THE INSTALLATION OF CONDUIT.

CONDUIT SHALL BE INSTALLED AT THE DEPTH SPECIFIED ON THE PLANS. CONDUIT SHALL BE 1 INCH CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT OR EQUAL. CONDUIT MUST BE UL RATED AND SUITABLE FOR UNDERGROUND USE.

CONNECTIONS SHALL BE PER UTILITY STANDARDS.

5.12 LIGHT POLE IDENTIFICATION:

THE CONTRACTOR SHALL FURNISH AND INSTALL A NUMBER ON EACH LIGHT POLE. STREET LIGHT POLE IDENTIFICATION AND SPECIFICATIONS WILL BE PROVIDED BY THE CITY OF SURPRISE.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO RESTORE ALL PROPERTY, LANDSCAPING, PAVING AND DRIVEWAYS THAT ARE DISTURBED DURING STREET LIGHT CONSTRUCTION TO THEIR ORIGINAL CONDITION IN CONFORMANCE WITH "MAG" SPECIFICATION SECTION 107.9.

THE DEVELOPER SHALL BE RESPONSIBLE FOR FURNISHING ALL PERSONNEL AND EQUIPMENT TO SUCCESSFULLY PERFORM THE FOLLOWING TEST.

PRIOR TO ACCEPTANCE, THE DEVELOPER SHALL ENERGIZE AND OPERATE THE ENTIRE ROADWAY LIGHTING SYSTEM, FROM SUNSET TO SUNRISE FOR TWO CONSECUTIVE DAYS WITHOUT INTERRUPTION OR FAILURE. IF A LAMP OR BALLAST SHOULD FAIL, IT SHALL BE IMMEDIATELY REPLACED.

THE CONTRACTOR SHALL GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE ENGINEERING MANAGER, AGAINST IMPERFECT WORKMANSHIP, FAILURE, MALFUNCTION OF MATERIALS AND/OR EQUIPMENT DUE TO FAULTY OR IMPERFECT WORKMANSHIP. THIS GUARANTEE IS TO BE IN WRITING TO THE CITY AT THE TIME OF ISSUING FINAL ACCEPTANCE. WORK FOUND TO BE DEFECTIVE WITHIN THE WARRANTY PERIOD SHALL BE REPLACED WITHOUT COST TO THE CITY.

GENERAL ENGINEERING NOTES:

- ALL CONSTRUCTION MUST CONFORM TO MARICOPA ASSOCIATION OF GOVERNMENT (MAG) SPECIFICATIONS AND DETAILS AND LATEST REVISIONS UNLESS OTHERWISE STATED ON PLANS.
- THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND THEY WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL OVERHEAD AND UNDERGROUND UTILITY LOCATIONS WHERE CONSTRUCTION OCCURS. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT ALL UTILITIES ARE AVOIDED. UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND NOT FOR CONSTRUCTION PURPOSES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AND OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT ARIZONA UNDERGROUND FACILITIES LAWS (ARIZONA REVISED STATUTES TITLE 40, CHAPTER 2, ARTICLE 6.3, SECTION 40-360.21-32). CALL ARIZONA 811 FOR FIELD LOCATION BY DIAL 811.
- THE CITY OF SURPRISE ENGINEERING SERVICES OF PUBLIC WORKS SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK AT 623-222-6150.
- THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION OR VARIANCE FROM THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE PROPOSED AND RESUBMITTED FOR REVIEW AND APPROVAL.
- THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE DRAWING, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE. EXISTING SURFACE FEATURES AND FENCING SHALL BE REPLACED IN KIND.
- ANY INSPECTION BY THE CITY, COUNTY, OR THE ENGINEER, SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE APPLICABLE CODES AND AGENCY REQUIREMENTS.
- THE CONTRACTOR IS TO LOCATE ALL EXISTING LANDSCAPING, LANDSCAPING IRRIGATION LINES, PROPERTY MONUMENTS, FENCING OR SURFACE FEATURES PRIOR TO CONSTRUCTION. ANYTHING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
- NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
- ALL CONSTRUCTION WATER USED WITHIN THE CITY OF SURPRISE WATER SERVICE AREA REQUIRES APPROVAL BY THE CITY OF SURPRISE PUBLIC WORKS DEPARTMENT AND MAY BE SUBJECT TO VOLUME AND TIME RESTRICTIONS. PLEASE SEE THE CITY OF SURPRISE CONSTRUCTION WATER GUIDELINES FOR ADDITIONAL INFORMATION. THE GUIDELINES CAN BE OBTAINED FROM THE PUBLIC WORKS DEPARTMENT AT 623-222-6000.
- TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH MAG SPECIFICATION 401, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND THE "TEMPORARY WORK ZONE TRAFFIC MANAGEMENT POLICY" (LATEST EDITION).
- PRIOR TO FINAL APPROVAL AND ACCEPTANCE OF THE WORK, THE DEVELOPER/CONTRACTOR WILL BE REQUIRED TO CLEAN AND REPAIR ADJACENT (OFF-PROJECT) ROADWAYS USED OR DAMAGED DURING THE COURSE OF CONSTRUCTION.
- EMERGENCY VEHICLE ACCESS (E.V.A.) MUST BE PROVIDED BY THE DEVELOPER/CONTRACTOR THROUGHOUT THE PROJECT SITE. E.V.A. ROADS AND SIGNAGE SHALL BE MAINTAINED BY THE DEVELOPER/CONTRACTOR AT ALL TIMES. SIGNAGE SHALL BE POSTED AT THE POINT OF ENTRY TO THE SITE AND AT ALL LOCATIONS WHERE A CHANGE IN DIRECTION OCCURS.
- THE PLANS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT'S ACCESSIBILITY GUIDELINES, AS PUBLISHED IN THE FEDERAL REGISTER ON SEPTEMBER 15, 2010.

UTILITIES WITHIN OR AFFECTED BY THE PROJECT		
UTILITY CONTACT	DATE SUBMITTED	
ARIZONA PUBLIC SERVICE	06-15-18	
CENTURY LINK	06-15-18	
COX COMMUNICATIONS	06-15-18	
COS WATER	06-15-18	
SOUTHWEST GAS	06-15-18	

NOTE

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LED NOTE

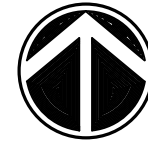
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SHEET SL2



KEY MAP

N.T.S.



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PHONE: (480) 503-2250
CONTACT: JOHN MCGHEE, P.E.

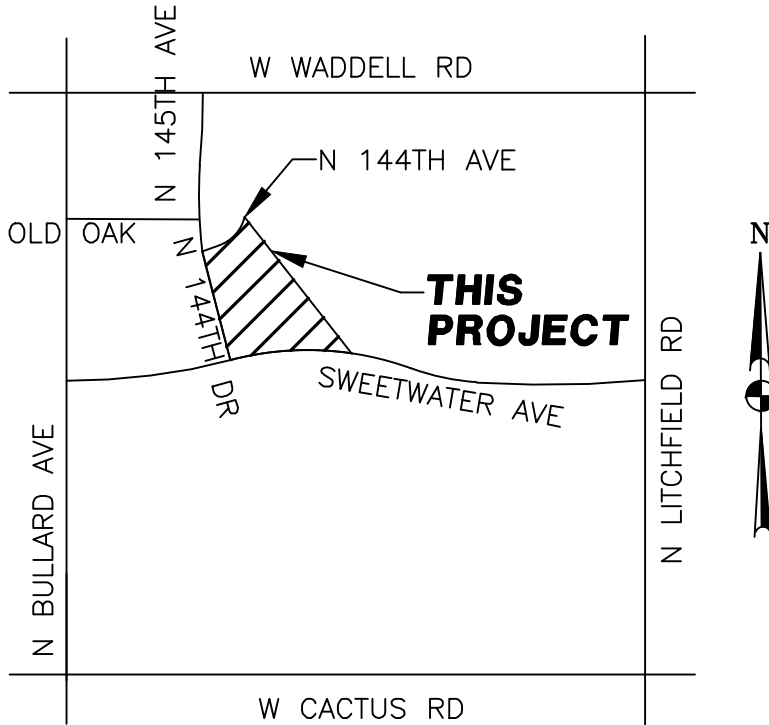
OWNER
MERITAGE HOMES
8800 E RAINTREE DR, SUITE 300
SCOTTSDALE, AZ 85260
PHONE: (480) 515-8251
CONTACT: JASON JARVIS

CITY OF SURPRISE ENGINEER

DATE

STREET LIGHTING (APS AREA)															
KEY NO.	SYMBOL	STREET TYPE	OFFSET BEHIND B/C	QUANTITY	POLE		MAST ARM	LUMINAIRE						APS STANDARD CODE NO.	
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②		LOCAL	PER PLANS	4	38'-0"	DIRECT BURY	2'-0"	31'-6"	8,200	88 W	TYPE II	*	LED	ARCHITECTURAL (SHOEBOX)	8030.S2.RL43

*PER UTILITY COMPANY REQUIREMENTS



VICINITY MAP

N.T.S.

SHEET INDEX

COVER SHEET	SL1
STREET LIGHT PLAN & DETAILS	SL2
STREET LIGHT DETAILS & PHOTOMETRICS	SL3

WRIGHT ENGINEERING
PROJECT NO:
18053-06

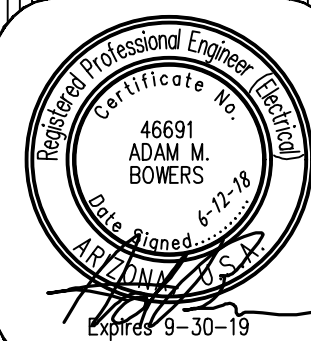
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165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807
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PROJECT: TITLE:

SURPRISE, ARIZONA
HOMESTEAD AT MARLEY PARK
PHASE 4 & 5 - PARCEL 9
STREET LIGHT COVER SHEET

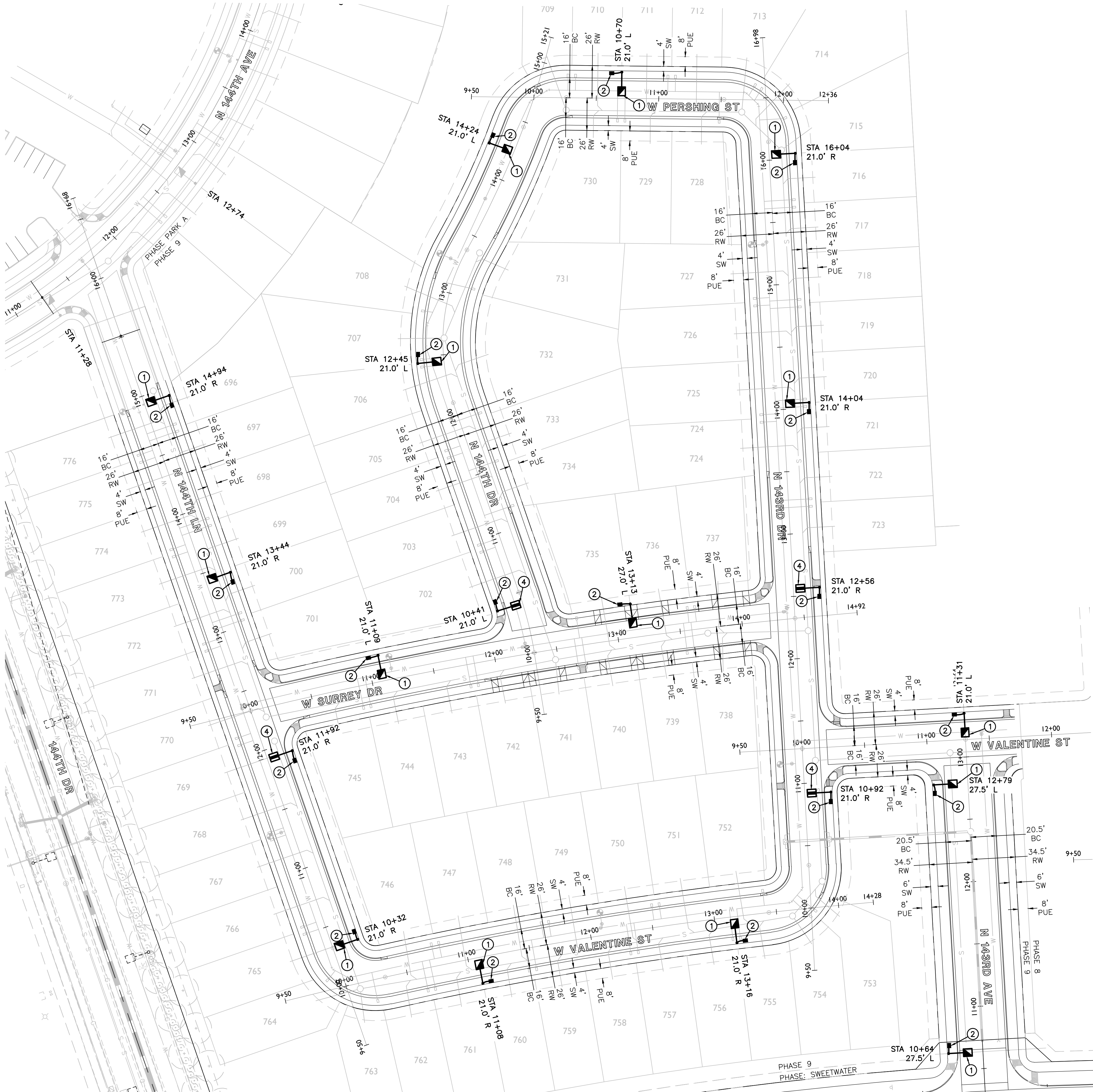
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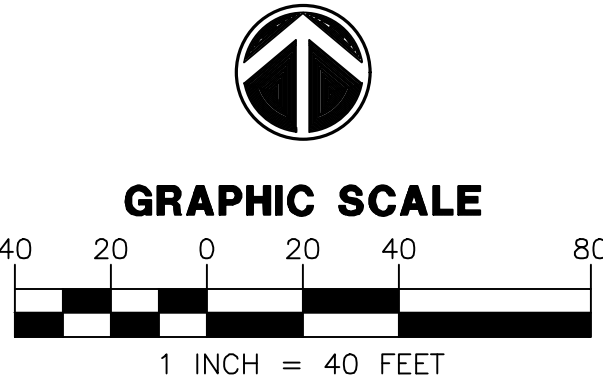
ROADWAY SCALEABLE LED 3000K						
LIGHT CODE	COLOR	APN	WATTS	VOLTS	INITIAL LUMENS	PHOTOMETRIC CURVE
RL40	DKBZ	00141047	32	120/208/240/277	3,800	ERL1_04B130_120-277VIES
RL41		00141048	41	120/208/240/277	4,800	ERL1_05E130_120-277VIES
RL42		00141049	88	120/208/240/277	8,200	ERL1_08E130_120-277VIES
RL43		00141050	108	120/208/240/277	11,000	ERS1_11E130_120-277VIES
RL44		00141051	162	120/208/240/277	19,000	ERS2_19E130_120-277VIES

CONSTRUCTION NOTES

- ① (1) 41W LED (4,800 LUMEN) FIXTURE (LIGHT CODE RL41) WITH PHOTOELECTRIC CONTROL ON A 38'-0" DIRECT BURIED POLE (1940.38) WITH A 2' MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL3). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.
- ② INSTALL APS PULL BOX NEXT TO POLE. INSTALL 1" CONDUIT WITH (2) #14 TYPE THHN/THWN AND (1) #14 BARE BOND FROM PULL BOX TO FUSE HOLDER IN STREET LIGHT PER APS DETAILS AND SPECIFICATIONS.
- ③ STREET LIGHT TO BE INSTALLED PER SEPARATE PLAN SET. SHOWN FOR REFERENCE ONLY.
- ④ (1) 88W LED (8,200 LUMEN) FIXTURE (LIGHT CODE RL42) WITH PHOTOELECTRIC CONTROL ON A 38'-0" DIRECT BURIED POLE (1940.38) WITH A 2' MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL3). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.

LEGEND

- 41W LED SHOEBOX STREET LIGHT
- 88W LED SHOEBOX STREET LIGHT
- STREET LIGHT PER SEPARATE PLAN
- EXISTING SHOEBOX STREET LIGHT
- PULL BOX
- NEW CONDUIT RUN
- FIRE HYDRANT



ARIZONA BLUE STAKE
CALL TWO WORKING DAYS
BEFORE YOU DIG
Dial 811 or
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

WRIGHT ENGINEERING
PROJECT NO:
18053-06
DESIGN BY: NBG
DRAWN BY: NBG
CHECKED BY: AMB

WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengineering.us

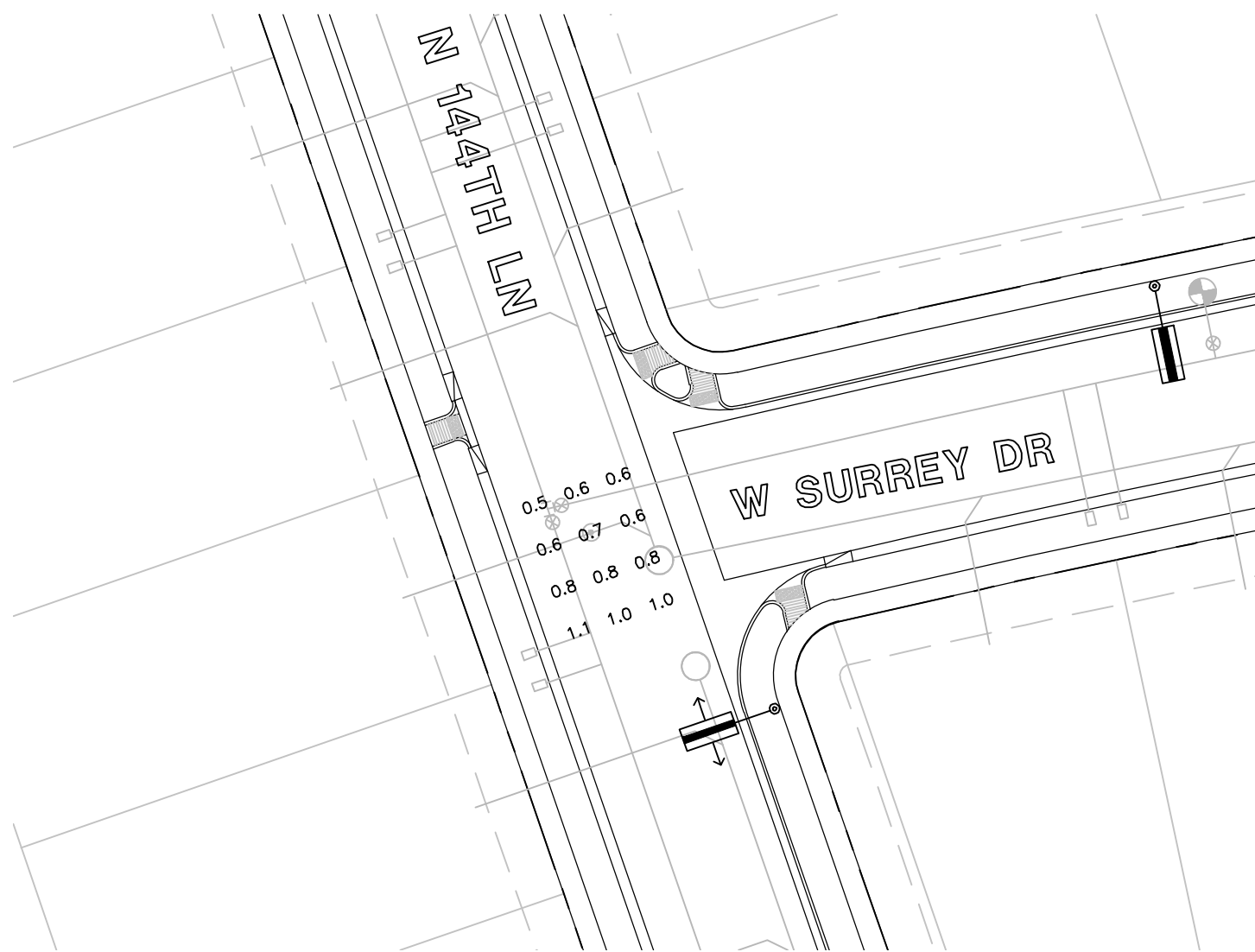
PROJECT: TITLE:
SURPRISE, ARIZONA
HOMESTEAD AT MARLEY PARK
PHASE 4 & 5 - PARCEL 9
STREET LIGHT PLAN

NO.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
1	MAR 2018	1ST SUBMITTAL
2	JUNE 2018	2ND SUBMITTAL

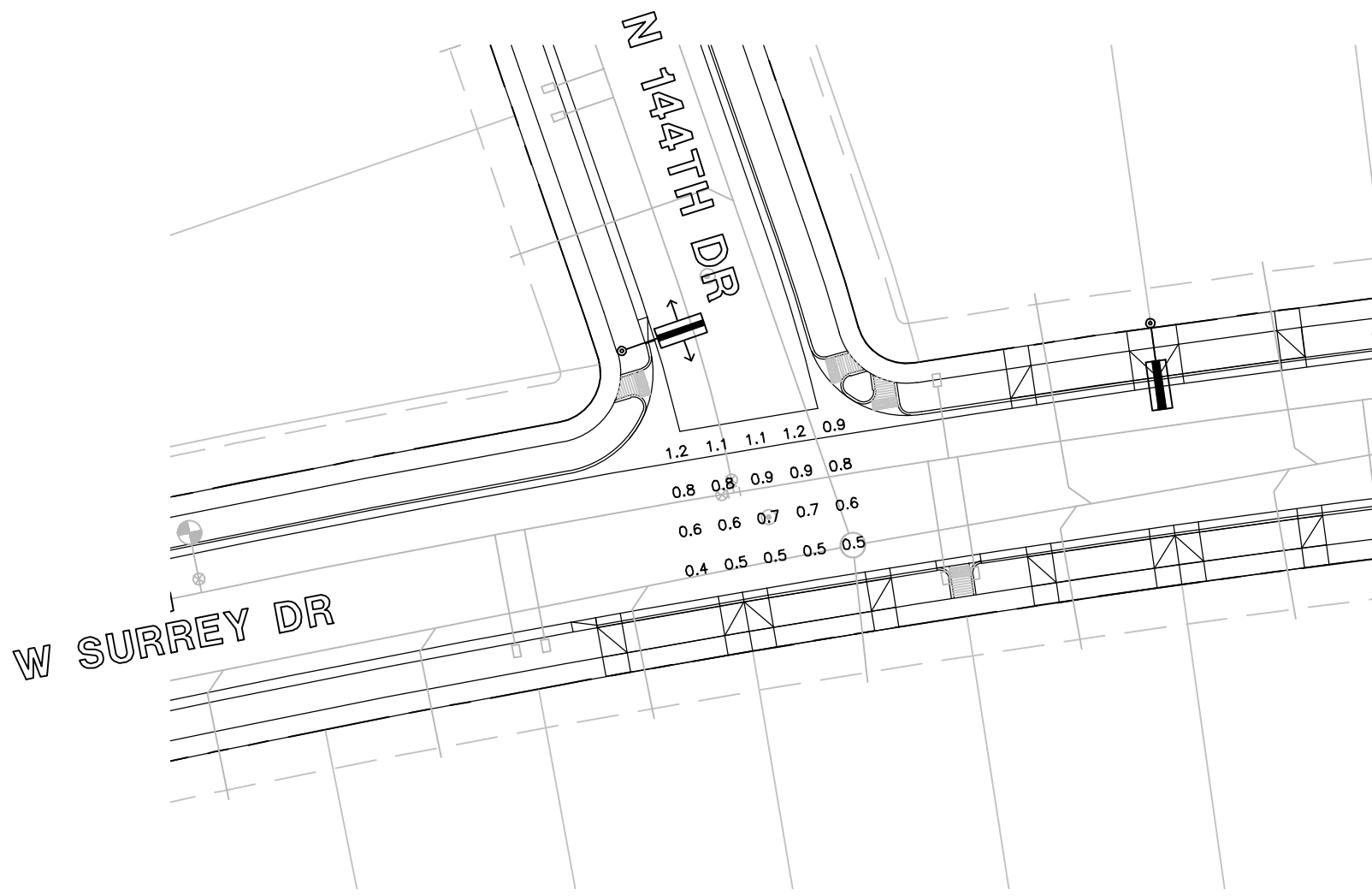
Professional Engineer
46691
ADAM M.
BOMERS
Exp. 9-30-19

DRAWING NO:
SL2
OF 3

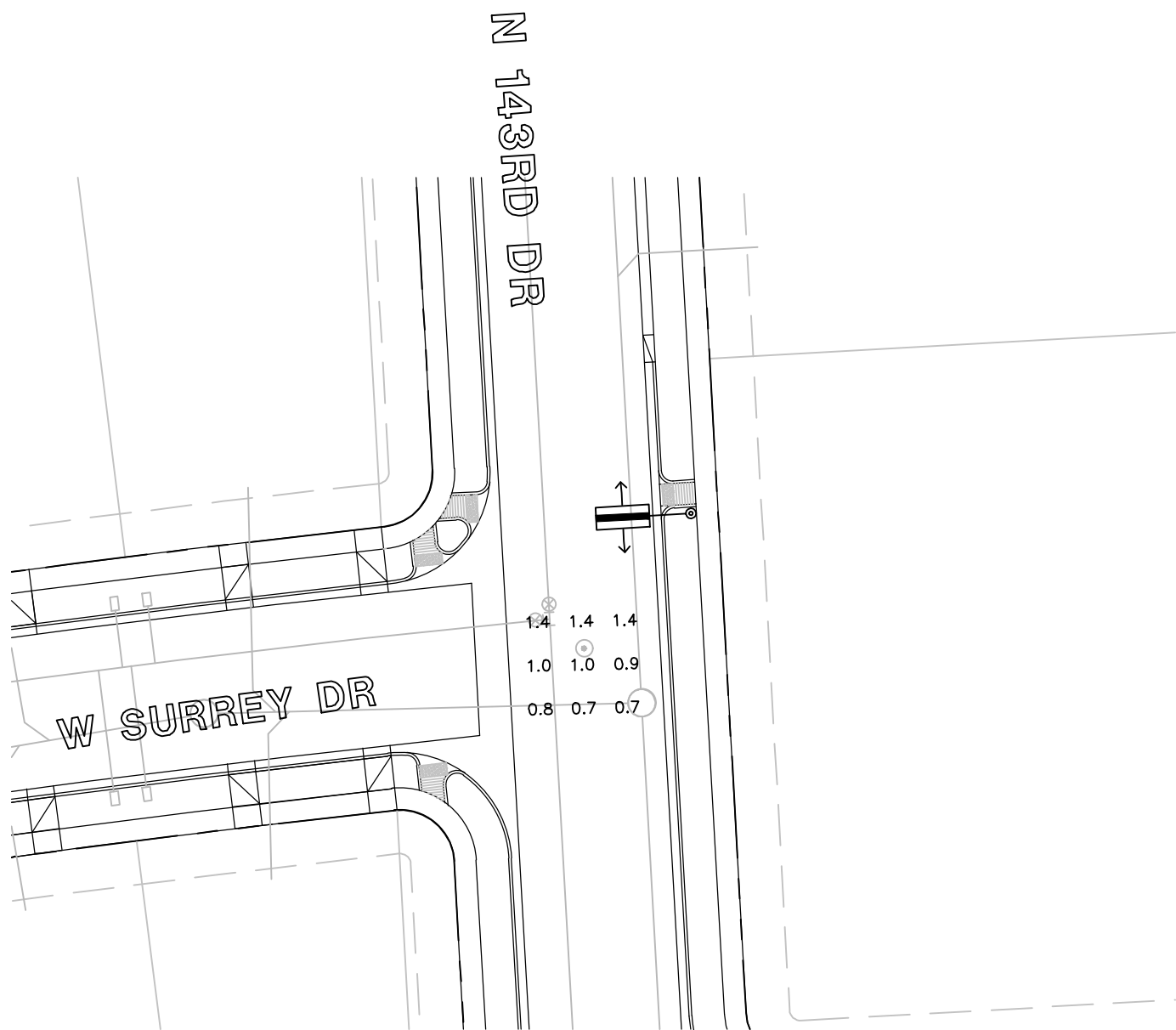
H:\2018\18053-Morley Park Phase 4,5\18053-Parcel 9B-SL.dwg



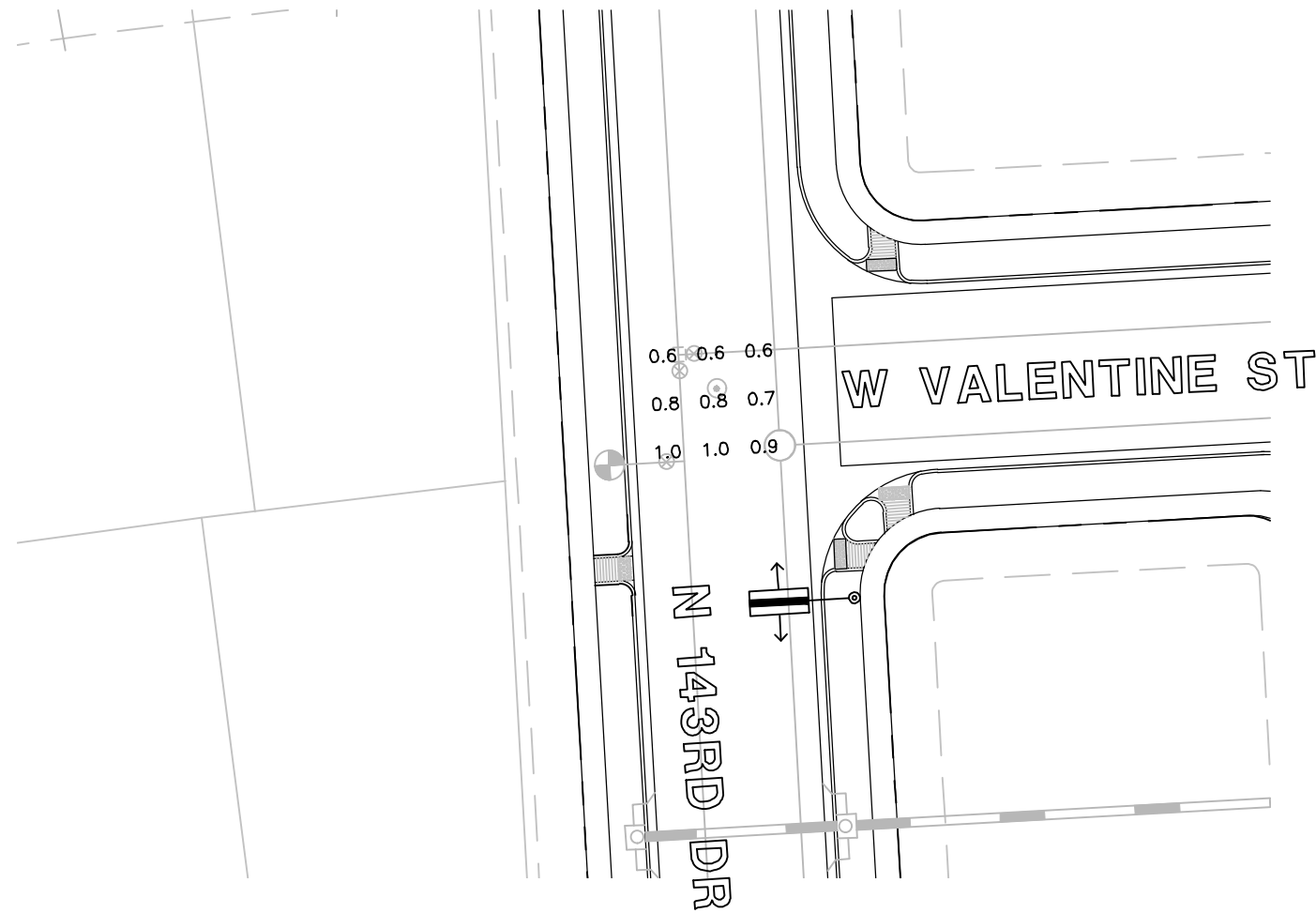
INT - N 144TH LN & W SURREY DR
12 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.1
Minimum 0.5
Avg:Min 1.52
Max:Min 2.20
Coef Var 0.24
UnifGrad 1.38



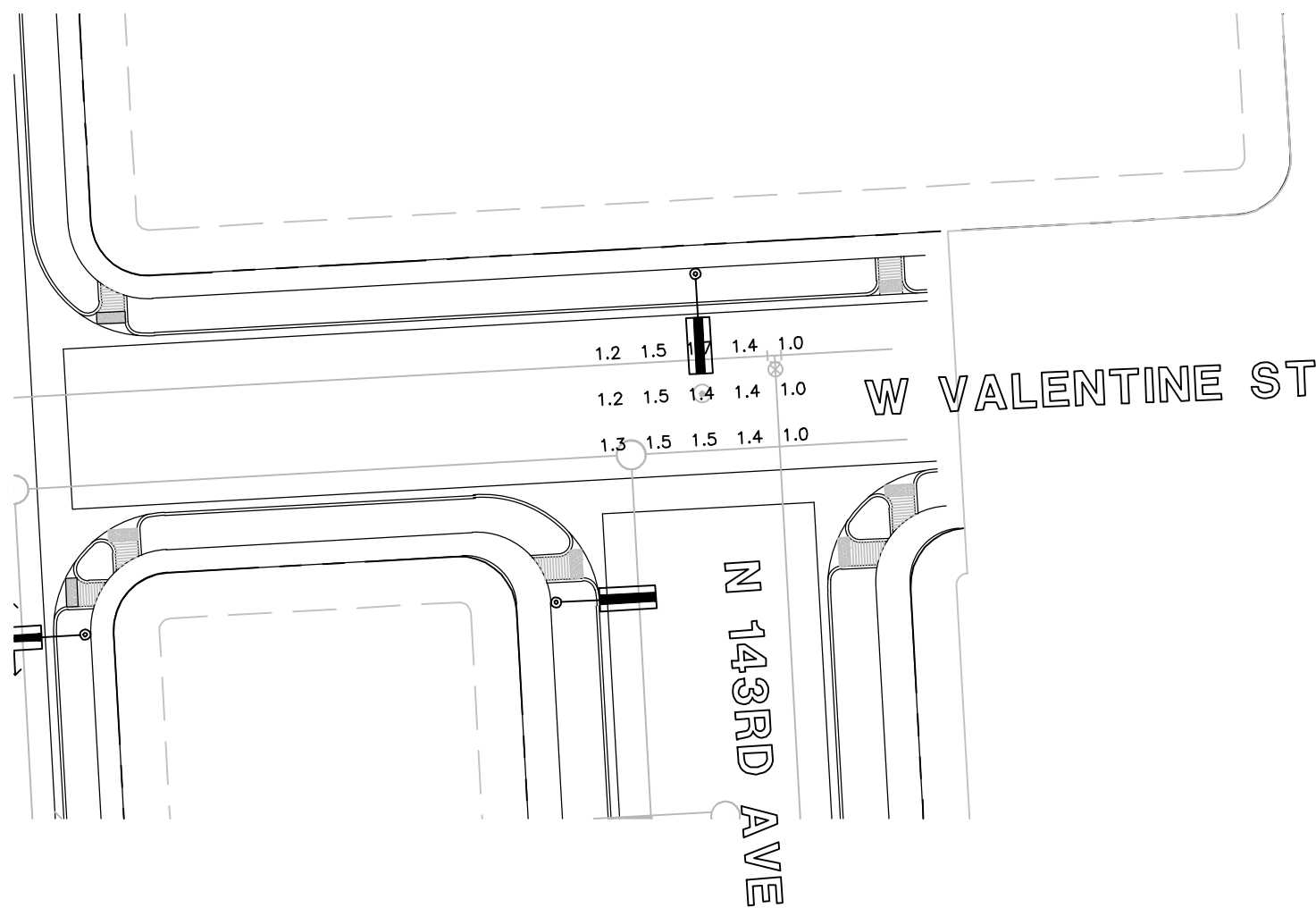
INT - N 144TH DR & W SURREY DR
20 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.2
Minimum 0.4
Avg:Min 1.91
Max:Min 3.00
Coef Var 0.32
UnifGrad 1.50



INT - W SURREY DR & N 143RD DR
9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 1.0
Maximum 1.4
Minimum 0.7
Avg:Min 1.48
Max:Min 2.00
Coef Var 0.27
UnifGrad 1.56



INT - N 143RD DR & W VALENTINE ST
9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.0
Minimum 0.6
Avg:Min 1.30
Max:Min 1.67
Coef Var 0.20
UnifGrad 1.33



INT - W VALENTINE ST & N 143RD AVE
15 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 1.3
Maximum 1.7
Minimum 1.0
Avg:Min 1.33
Max:Min 1.70
Coef Var 0.15
UnifGrad 1.40

LEGEND

41W LED SHOEBOX
candela file 'erl1_05e130-120-277v_tcm201-103950.ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 41
mounting height= 31.5 ft
number locations= 20, number luminaires= 20
kw all locations= 0.8

88W LED
2' MAST ARM
candela file 'erl1_08e130_tcm201-103998.ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 88
mounting height= 31.5 ft
number locations= 4, number luminaires= 4
kw all locations= 0.4

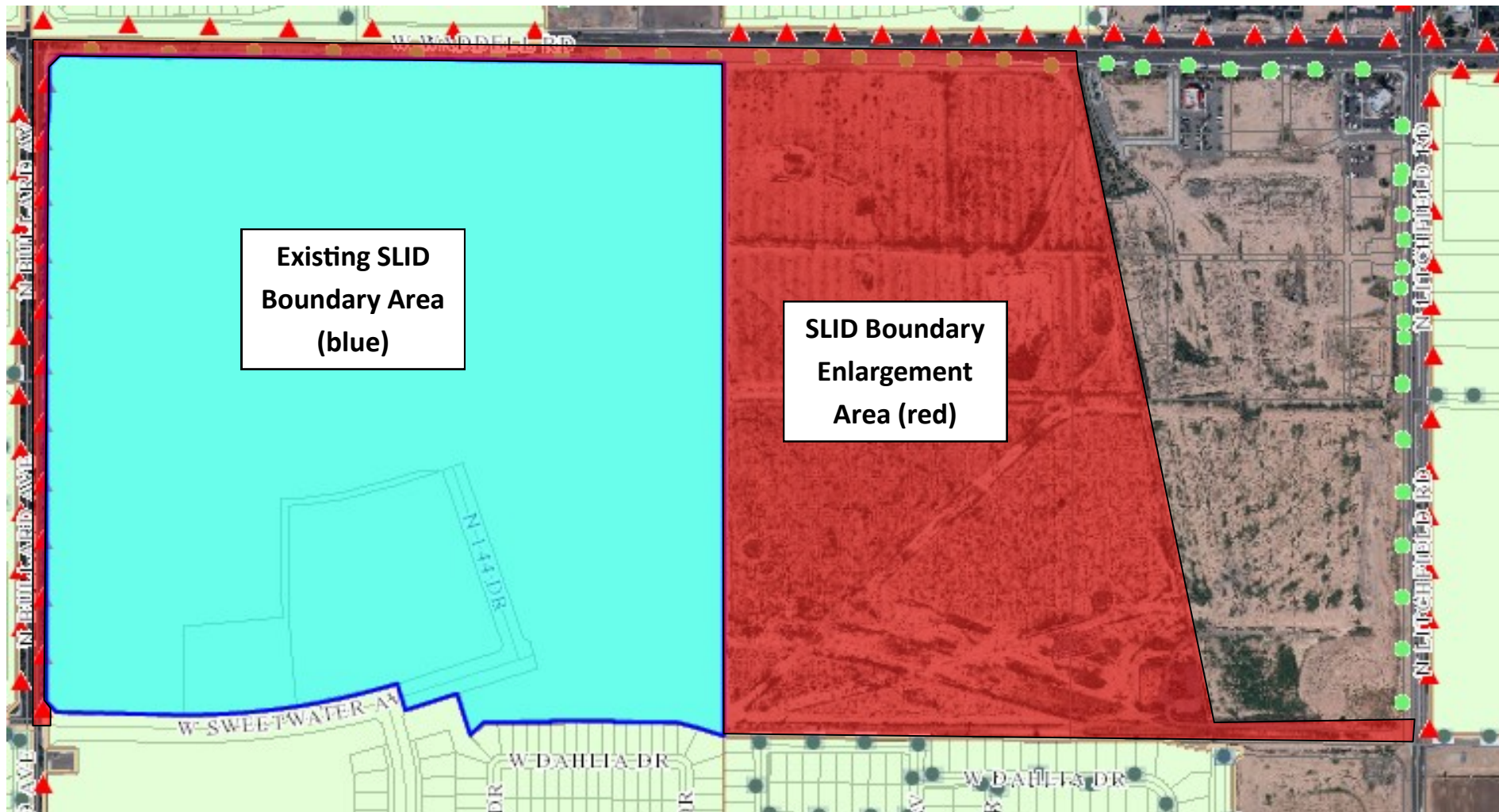
WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807

**PHOTOMETRIC CALCULATION
SHEET. FOR INFORMATION ONLY.**

Professional Engineer
46691
ADAM M.
BOWERS
Exp. 12-18
Exp. 9-30-19

Seal
Noted
12/18/19

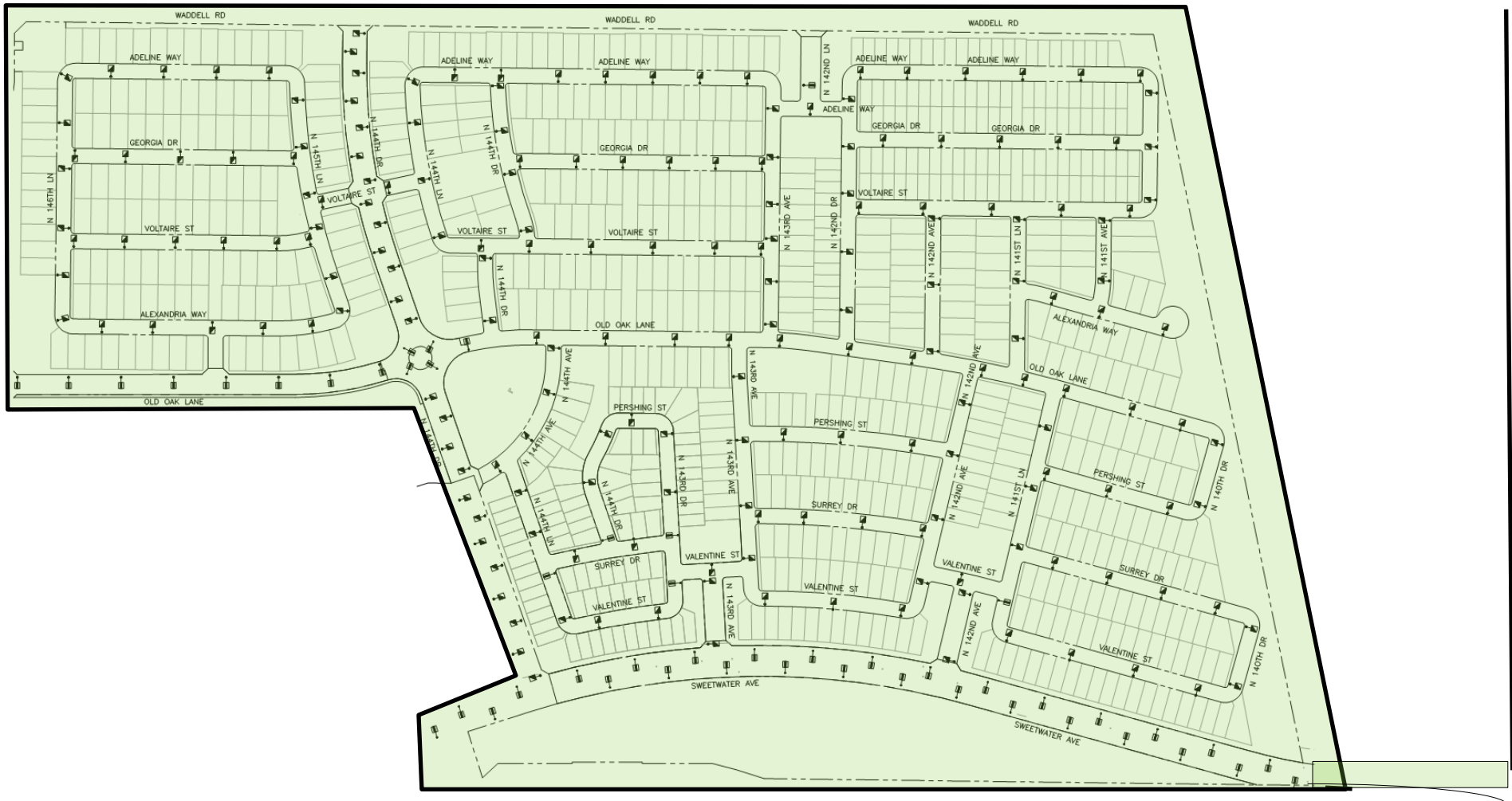
PROJECT NAME:
HOMESTEAD AT MARLEY
PARK PHASE 4 & 5
PARCEL 9
WRIGHT ENG.
PROJECT NO: **18053**
DESIGN BY: NBG **PH-1**



Marley Park Phase 4 & 5

Street Lights:

-  Street Light Pole
- 250 poles (estimated)
-  SLID Boundary



MARLEY PARK PAD PHASE 4 & 5

144TH DR STREET LIGHT DESIGN

STREET LIGHTING REQUIREMENTS

5.00 GENERAL NOTES:

THE FOLLOWING INFORMATION IS PROVIDED TO EMPHASIZE CRITICAL WORK AND IS INTENDED TO SUPPLEMENT THE SPECIFICATIONS. SHOULD THERE BE A CONFLICT WITH THE SPECIFICATIONS, THIS DOCUMENT SHALL TAKE PRECEDENCE.

ALTERNATES SHALL BE PRE-APPROVED BY THE CITY ENGINEERING MANAGER. APPROVAL OF ALTERNATE PRODUCTS SHALL BE ON AN EQUAL BASIS WITH THE PRODUCT SPECIFIED AND SHALL BE SUBMITTED A MINIMUM OF TEN (10) DAYS PRIOR TO BID OPENING. STRUCTURAL CALCULATIONS SHALL BE FURNISHED FOR ALTERNATE PRODUCTS AND CERTIFIED BY A STRUCTURAL ENGINEER, REGISTERED IN THE STATE OF ARIZONA. LUMINAIRES AND LAMPS SHALL MEET OR EXCEED THE PHOTOMETRIC, ELECTRICAL, AND MECHANICAL REQUIREMENTS FOR THE SPECIFIED PRODUCTS.

THE CONTRACTOR SHALL COMPLY WITH STATE AND CITY STATUTES, AND MANUFACTURER'S RECOMMENDATIONS.

THE SUBMITTAL PACKAGE SHALL CONSIST OF THREE (3) COPIES OF EQUIPMENT/MATERIAL TO BE INSTALLED AND SHALL BE BOUND/STAPLED IN A FOLDER AND SUBMITTED AT THE TIME OF PERMIT APPLICATION.

PRIOR TO SUBMITTING A PROPOSAL, THE BIDDER SHALL EXAMINE ALL GENERAL CONSTRUCTION DRAWINGS AND VISIT THE CONSTRUCTION SITE TO BECOME FAMILIAR WITH EXISTING CONDITIONS UNDER WHICH HE WILL OPERATE AND WHICH WILL IN ANY WAY AFFECT THE WORK UNDER THE CONTRACT. NO SUBSEQUENT ALLOWANCE WILL BE MADE IN THIS CONNECTION IN THE BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLIGENCE ON HIS PART.

PRIOR TO ORDERING ANY MATERIALS OR DOING ANY WORK, THE CONTRACTOR SHOULD VERIFY DIMENSIONS AT THE SITE. IMMEDIATELY REPORT DIFFERENCES TO THE ENGINEERING MGR. AND SHOULD NOT PROCEED WITH WORK UNTIL THE ENGINEERING MGR. RENDERS A DECISION. NO EXTRA CHARGES OR COMPENSATION WILL BE ALLOWED FOR DIFFERENCES IN ACTUAL DIMENSIONS AND DIMENSIONS INDICATED ON THE DRAWINGS.

5.01 GENERAL:

THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH ALL LICENSING REQUIREMENTS SET FORTH BY THE STATE REGISTRAR OF CONTRACTORS OFFICE TO PERFORM WORK RELATING TO STREET LIGHT INSTALLATION IN THE CITY RIGHT-OF-WAY.

ONE PROJECT UNDERGROUND UTILITIES (RIGHT OF WAY) PERMIT AND ONE STREETLIGHT PERMIT FOR EACH STREET LIGHT POLE SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

5.02 WORKING / "AS BUILT" PLANS:

ACCEPTANCE OF THE COMPLETED IMPROVEMENTS WILL NOT BE GIVEN UNTIL 4 MIL PHOTO MYLAR REPRODUCIBLE "AS BUILT" PLANS HAVE BEEN SUBMITTED TO AND APPROVED BY THE CITY ENGINEER.

5.03 LIGHT POLES:

LIGHT POLES SHALL BE INSTALLED PLUMB, BE ADJUSTED TO PROVIDE PROPER ALIGNMENT TO THE ROADWAY BEING LIGHTED AND BE PROPERLY GROUNDED WHEN THE INSTALLATION IS COMPLETE.

5.04 EMBEDMENT:

DIRECT BURIED POLES SHALL BE SET IN A TWELVE (12) INCH AUGURED HOLE DEPTH AS SPECIFIED IN UNDISTURBED EARTH. POLE SHALL BE SET PLUMB IN TWO DIRECTIONS 90 DEGREES APART. HAND TAMPING OF ABC BACKFILL WITH PNEUMATIC OR VIBRATING EQUIPMENT IS THE ACCEPTABLE METHOD OF COMPACTION. BACKFILL SHALL BE COMPACTED TO 85% OF MAXIMUM DENSITY AS DEFINED BY ASTM D-2922 AND D-3017. A GROUND ROD SHALL BE INSTALLED ADJACENT TO PULL BOX IN UNDISTURBED SOIL AND A LEAD IN COPPER BOND WIRE (#6) SHALL BE INSTALLED IN 1" CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT (OR EQUAL) FOR POLE GROUNDING.

SURPLUS EXCAVATION SHALL BE DISPOSED OF BY THE CONTRACTOR.

5.05 LUMINAIRES:

LUMINAIRES SHALL BE INSTALLED LEVEL AND INCLUDE A LAMP AND PHOTOCCELL. CONTRACTOR SHALL ASSURE THAT THE LUMINAIRES SHALL BE FREE OF DUST, DIRT OR ANYTHING THAT WOULD IMPAIR THE OUTPUT OF THE LIGHT BEFORE HE LEAVES THE SITE.

LUMINAIRES FURNISHED WITH MULTI-TAP BALLASTS SHALL BE REWIRED OR RECONNECTED TO MATCH THE VOLTAGE SUPPLIED BY THE ELECTRIC UTILITY COMPANY.

5.06 WIRING:

WIRING SHALL BE INSTALLED PER UTILITY STANDARDS.

5.07 GROUNDING:

EACH POLE SHALL HAVE A 8' x 5/8" COPPER CLAD GROUND ROD DRIVEN ADJACENT TO PULL BOX. A #6 BARE COPPER LEAD FROM THE GROUND ROD IN PULL BOX TO LANDING LUG IN STREET LIGHT POLE HAND HOLE.

5.08 PULL BOXES:

EXCAVATION FOR PULL BOXES AND MATERIAL SPECIFICATION SHALL BE PER THE ELECTRIC UTILITY COMPANY STANDARDS.

5.09 TRENCH

TRENCH SHALL BE INSTALLED PER THE UTILITY COMPANY STANDARDS.

THE USE OF A COMMON ELECTRIC UTILITY COMPANY TRENCH IS PERMITTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE UTILITY COMPANY FOR COORDINATION OF TRENCHING AND THE INSTALLATION OF CONDUIT.

CONDUIT SHALL BE INSTALLED AT THE DEPTH SPECIFIED ON THE PLANS. CONDUIT SHALL BE 1 INCH CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT OR EQUAL. CONDUIT MUST BE UL RATED AND SUITABLE FOR UNDERGROUND USE.

CONNECTIONS SHALL BE PER UTILITY STANDARDS.

5.12 LIGHT POLE IDENTIFICATION:

THE CONTRACTOR SHALL FURNISH AND INSTALL A NUMBER ON EACH LIGHT POLE. STREET LIGHT POLE IDENTIFICATION AND SPECIFICATIONS WILL BE PROVIDED BY THE CITY OF SURPRISE.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO RESTORE ALL PROPERTY, LANDSCAPING, PAVING AND DRIVEWAYS THAT ARE DISTURBED DURING STREET LIGHT CONSTRUCTION TO THEIR ORIGINAL CONDITION IN CONFORMANCE WITH "MAG" SPECIFICATION SECTION 107.9.

THE DEVELOPER SHALL BE RESPONSIBLE FOR FURNISHING ALL PERSONNEL AND EQUIPMENT TO SUCCESSFULLY PERFORM THE FOLLOWING TEST.

PRIOR TO ACCEPTANCE, THE DEVELOPER SHALL ENERGIZE AND OPERATE THE ENTIRE ROADWAY LIGHTING SYSTEM, FROM SUNSET TO SUNRISE FOR TWO CONSECUTIVE DAYS WITHOUT INTERRUPTION OR FAILURE. IF A LAMP OR BALLAST SHOULD FAIL, IT SHALL BE IMMEDIATELY REPLACED.

THE CONTRACTOR SHALL GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE ENGINEERING MANAGER, AGAINST IMPERFECT WORKMANSHIP, FAILURE, MALFUNCTION OF MATERIALS AND/OR EQUIPMENT DUE TO FAULTY OR IMPERFECT WORKMANSHIP. THIS GUARANTEE IS TO BE IN WRITING TO THE CITY AT THE TIME OF ISSUING FINAL ACCEPTANCE. WORK FOUND TO BE DEFECTIVE WITHIN THE WARRANTY PERIOD SHALL BE REPLACED WITHOUT COST TO THE CITY.

GENERAL ENGINEERING NOTES:

- ALL CONSTRUCTION MUST CONFORM TO MARICOPA ASSOCIATION OF GOVERNMENT (MAG) SPECIFICATIONS AND DETAILS AND LATEST REVISIONS UNLESS OTHERWISE STATED ON PLANS.
- THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND THEY WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL OVERHEAD AND UNDERGROUND UTILITY LOCATIONS WHERE CONSTRUCTION OCCURS. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT ALL UTILITIES ARE AVOIDED. UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND NOT FOR CONSTRUCTION PURPOSES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AND OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT BLUE STAKE LAWS. CALL BLUE STAKE FOR FIELD LOCATION AT (602) 263-1100.
- THE CITY OF SURPRISE ENGINEERING SERVICES OF PUBLIC WORKS SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK AT 623-222-6150.
- THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION OR VARIANCE FROM THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE PROPOSED AND RESUBMITTED FOR REVIEW AND APPROVAL.
- THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE DRAWING, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE. EXISTING SURFACE FEATURES AND FENCING SHALL BE REPLACED IN KIND.
- ANY INSPECTION BY THE CITY, COUNTY, OR THE ENGINEER, SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE APPLICABLE CODES AND AGENCY REQUIREMENTS.
- THE CONTRACTOR IS TO LOCATE ALL EXISTING LANDSCAPING, LANDSCAPING IRRIGATION LINES, PROPERTY MONUMENTS, FENCING OR SURFACE FEATURES PRIOR TO CONSTRUCTION. ANYTHING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
- NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
- ALL CONSTRUCTION WATER USED WITHIN THE CITY OF SURPRISE WATER SERVICE AREA REQUIRES APPROVAL BY THE CITY OF SURPRISE PUBLIC WORKS DEPARTMENT AND MAY BE SUBJECT TO VOLUME AND TIME RESTRICTIONS. PLEASE SEE THE CITY OF SURPRISE CONSTRUCTION WATER GUIDELINES FOR ADDITIONAL INFORMATION. THE GUIDELINES CAN BE OBTAINED FROM THE PUBLIC WORKS DEPARTMENT AT 623-222-7000.
- TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH MAG SPECIFICATION 401, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND THE "TEMPORARY WORK ZONE TRAFFIC MANAGEMENT POLICY" (LATEST EDITION).
- PRIOR TO FINAL APPROVAL AND ACCEPTANCE OF THE WORK, THE DEVELOPER/CONTRACTOR WILL BE REQUIRED TO CLEAN AND REPAIR ADJACENT (OFF-PROJECT) ROADWAYS USED OR DAMAGED DURING THE COURSE OF CONSTRUCTION.
- EMERGENCY VEHICLE ACCESS (E.V.A.) MUST BE PROVIDED BY THE DEVELOPER/CONTRACTOR THROUGHOUT THE PROJECT SITE. E.V.A. ROADS AND SIGNAGE SHALL BE MAINTAINED BY THE DEVELOPER/CONTRACTOR AT ALL TIMES. SIGNAGE SHALL BE POSTED AT THE POINT OF ENTRY TO THE SITE AND AT ALL LOCATIONS WHERE A CHANGE IN DIRECTION OCCURS.
- THE PLANS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT'S ACCESSIBILITY GUIDELINES, AS PUBLISHED IN THE FEDERAL REGISTER ON SEPTEMBER 15, 2010.

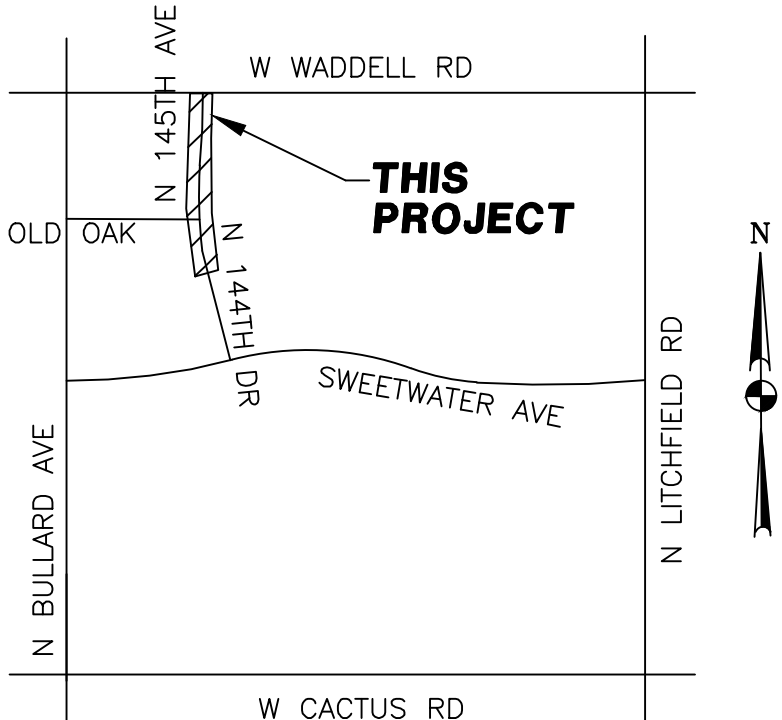
UTILITIES WITHIN OR AFFECTED BY THE PROJECT		
UTILITY CONTACT	DATE SUBMITTED	
ARIZONA PUBLIC SERVICE	01/02/2018	
CENTURY LINK	01/02/2018	
COX COMMUNICATIONS	01/02/2018	
COS WATER	01/02/2018	
SOUTHWEST GAS	01/02/2018	

NOTE

THE ELECTRICAL/MAINTENANCE COSTS OF ALL STREET LIGHTS ON LOCAL AND COLLECTOR STREETS (TYPICALLY THE 100 WATT / 9,500 LUMEN AND THE 150 WATT /16,000 LUMEN FIXTURES) ARE TO BE PAID BY THE ADJACENT PROJECT OR THE ADJACENT DEVELOPMENT'S STREET LIGHT IMPROVEMENT DISTRICT (SLID). THE ELECTRICAL / MAINTENANCE COSTS OF ALL STREET LIGHTS ON ARTERIAL STREETS (TYPICALLY THE 250 WATT/ 30,000 LUMEN FIXTURES) ARE TO BE BILLED TO THE CITY OF SURPRISE'S ENERGY BILL.

LED NOTE

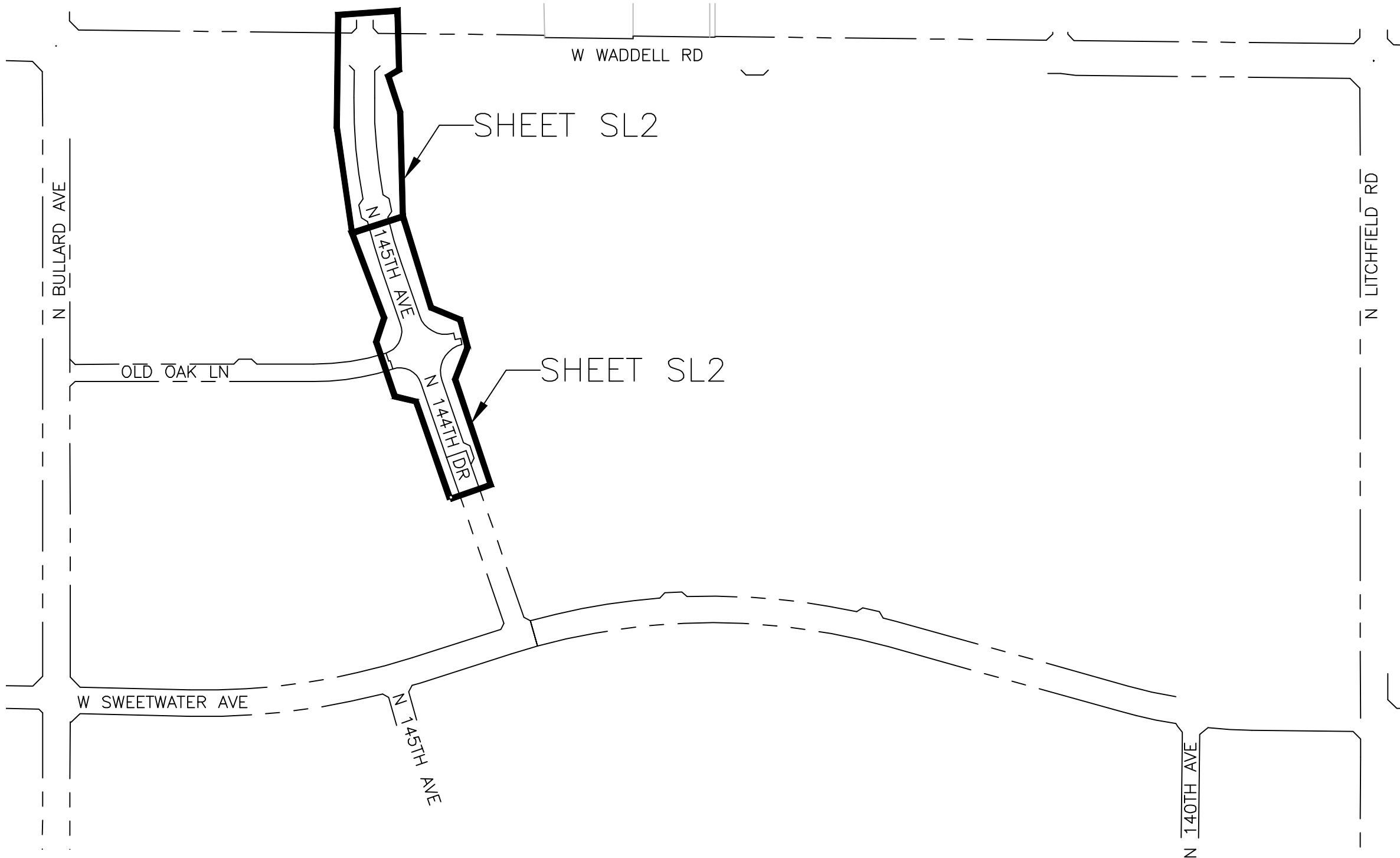
LED TECHNOLOGY IS CHANGING RAPIDLY. THE FIXTURES SHOWN ON THESE PLANS MAY NOT BE APPLICABLE AT TIME OF CONSTRUCTION. CONTRACTOR TO COORDINATE WITH APS AND UTILIZE THEIR CURRENT SPECIFICATION AT THE TIME OF BIDDING AND CONSTRUCTION.



VICINITY MAP
N.T.S.

SHEET INDEX

COVER SHEET	SL1
STREET LIGHT PLAN	SL2
PHOTOMETRICS	SL3



KEY MAP
N.T.S.



CITY OF SURPRISE APPROVAL

THIS SET OF PLANS HAS BEEN REVIEWED FOR COMPLIANCE WITH CITY REQUIREMENTS PRIOR TO ISSUANCE OF PERMITS. THE CITY NEITHER ACCEPTS NOR ASSUMES ANY LIABILITY FOR ERRORS OR OMISSIONS. THIS COMPLIANCE APPROVAL SHALL NOT PREVENT THE CITY ENGINEER FROM REQUIRING CORRECTIONS OF ERRORS OR OMISSIONS IN PLANS FOUND TO BE IN VIOLATION OF LAW OR ORDINANCES.

CITY OF SURPRISE ENGINEER

DATE

STREET LIGHTING (APS AREA)

KEY NO.	SYMBOL	STREET TYPE	OFFSET BEHIND B/C	QUANTITY	POLE		MAST ARM	LUMINAIRE						APS STANDARD CODE NO.	
					POLE HEIGHT	FOUNDATION		SIZE	MOUNTING HEIGHT	LUMENS	WATTAGE	I.E.S. DIST.	VOLTAGE		TYPE
①		COLLECTOR	PER PLANS	5	38'-0"	DIRECT BURY	4'-0"	31'-6"	8,200	88 W	TYPE II	*	LED	ARCHITECTURAL (SHOEBOX)	8030.S4.RL42
②		COLLECTOR	PER PLANS	17	38'-0"	DIRECT BURY	4'-0"	31'-6"	4,800	41 W	TYPE II	*	LED	ARCHITECTURAL (SHOEBOX)	8030.S4.RL41

*PER UTILITY COMPANY REQUIREMENTS

CIVIL ENGINEER
WOOD, PATEL & ASSOCIATES, INC
2051 W NORTHERN AVE, #100
PHOENIX, AZ 85051
PHONE: (602) 335-8500
FAX: (602) 335-8580
CONTACT: ETHAN BOYLE, P.E.

OWNER
MERITAGE HOMES
8800 E RAINTREE DR, SUITE 300
SCOTTSDALE, AZ 85260
PHONE: (480) 515-8251
CONTACT: EVAN BILTON, FORWARD PLANNER

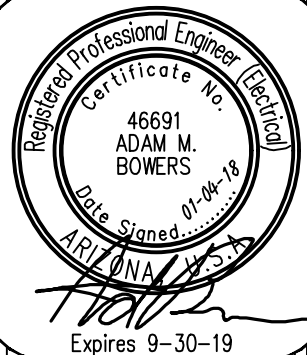
WRIGHT ENGINEERING
PROJECT NO:
17234-02
DESIGN BY: JKS
DRAWN BY: JKS
CHECKED BY: AMB

WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:

SURPRISE, ARIZONA
MARLEY PARK
144TH DRIVE
STREET LIGHT COVER SHEET

NO.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
1	OCT 2017	1ST SUBMITTAL
2	JAN 2018	2ND SUBMITTAL



DRAWING NO:
SL1
OF 3

ARIZONA BLUE STAKE
CALL TWO WORKING DAYS
BEFORE YOU DIG
Dial 811 or
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

LUMINAIRE HEIGHT ABOVE GROUND

POLE LENGTH

BURY DEPTH

NOTE 3

NOTE 2

24" MIN. TO TOP OF CONSTRUCTION

8'-0"

2-1/2"

8180

8130

8140

8030

IF APPLICABLE:

- D = DUSK TO DAWN
- 1 = 120 VOLT
- 2 = 208 VOLT
- 4 = 240 VOLT
- 7 = 277 VOLT

LIGHT CODE

- S0 = SINGLE 6" ARM
- S2 = SINGLE 2" ARM
- S4 = SINGLE 4" ARM
- S8 = SINGLE 8" HI-RISE ARM
- D0 = DOUBLE 6" ARM
- D2 = DOUBLE 2" ARM
- D4 = DOUBLE 4" ARM
- D8 = DOUBLE 8" HI-RISE ARM
- T2 = TRIPLE 2" ARM
- Q2 = QUAD 2" ARM

LIGHT CODE	APN	WATTS	TYPE	VOLTS	INITIAL LUMENS
AD	00098450	100		120/208/240/277	9500
AJ	00098461	150	HPS	120/208/240/277	16000
AH	00098452	250		120/208/240/277	30000
AI	00098454	400		120/208/240/277	50000
AL	01014442	175		120/208/240/277	14000
AM	01014443	250	MH	120/208/240/277	21000
AN	01014444	400		120/208/240/277	35000
AA	01016770	100	IND	120/208/240/277	8400
AP	01013722	100	LED	120/208/240/277	5800
AZ	01017462	250		120/208/240/277	12600
AW	33806772	55		120/240	8000
AS	33806774	90		120/240	13500
AU	33806776	135		120/240	22500
AV	33806778	180		120/240	33000



ROADWAY SCALEABLE LED 3000K						
LIGHT CODE	COLOR	APN	WATTS	VOLTS	INITIAL LUMENS	PHOTOMETRIC CURVE
RL40	DKBZ	00141047	32	120/208/240/277	3,800	ERL1_04B130_120-277VIES
RL41		00141048	41	120/208/240/277	4,800	ERL1_05E130_120-277VIES
RL42		00141049	88	120/208/240/277	8,200	ERL1_08E130_120-277VIES
RL43		00141050	108	120/208/240/277	11,000	ERS1_11E130_120-277VIES
RL44		00141051	162	120/208/240/277	19,000	ERS2_19E130_120-277VIES

- ① (1) 88W LED (8,200 LUMEN) FIXTURE (LIGHT CODE RL42) WITH PHOTOELECTRIC CONTROL ON A 38"-0" DIRECT BURIED POLE (1940.38) WITH A 4" MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL2). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.
- ② (1) 41W LED (4,800 LUMEN) FIXTURE (LIGHT CODE RL41) WITH PHOTOELECTRIC CONTROL ON A 38"-0" DIRECT BURIED POLE (1940.38) WITH A 4" MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL2). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.
- ③ INSTALL APS PULL BOX NEXT TO POLE. INSTALL 1" CONDUIT WITH (2) #14 TIE THHN/THWN AND (1) #14 BARE BOND FROM PULL BOX TO FUSE HOLDER IN STREET LIGHT PER APS DETAILS AND SPECIFICATIONS.
- ④ CONTRACTOR SHALL USE EXTREME CAUTION WHILE EXCAVATING DUE TO CLOSE PROXIMITY TO UNDERGROUND UTILITY LINE.
- ⑤ STREET LIGHT TO BE INSTALLED PER SEPARATE PLAN SET. SHOWN FOR REFERENCE ONLY.

	4W LED SHOEBOX STREET LIGHT
	88W LED SHOEBOX STREET LIGHT
	STREET LIGHT PER SEPARATE PLAN
	STREET LIGHT PER SEPARATE PLAN
	EXISTING SHOEBOX STREET LIGHT
	EXISTING COBRAHEAD STREET LIGHT
	PULL BOX
	NEW CONDUIT RUN
	FIRE HYDRANT

1. ADJUST PHOTO EYE TO FACE NORTH.
2. A GROUND ROD IS PROVIDED WITH THE J-BOX. WHEN A GROUND ROD CAN NOT BE DRIVEN ALTERNATE GROUND SHALL BE USED. SEE 2449 THRU 2460 FOR APPROVED ALTERNATES.
3. SIGN, "NOTICE THIS POLE IS OWNED AND MAINTAINED BY APS DISCONNECT INSIDE" IS REQUIRED ON ALL DUSK-TO-DAWN AND AREA LIGHTING APPLICATIONS.
4. POLES THAT HAVE MORE THAN ONE LUMINAIRE REQUIRE A SEPARATE CIRCUIT WITH FUSING FROM THE J-BOX TO EACH LUMINAIRE.
5. USING THE 20'-0" POLE TO MATCH THE 18'-0" PEDESTRIAN LIGHT MOUNTING HEIGHTS REDUCE POLE BURY DUE TO 4'-0".
6. THE BROWN PHOTO CONTROL IS A FAIL OFF CONTROL AND SHALL BE USED WITH ALL INDUCTION AND LED LUMINAIRES.
7. ON 277 VOLT STREET LIGHT CIRCUITS, INSTALL A "277 VOLT" MISCARTA TAG ON CABLE IN J-BOX. TAG PROVIDED BY SPEC 8129.
8. THE LUMINAIRE SHOWN IS RECOMMENDED FOR THIS MOUNTING HEIGHT. SEE 8153 FOR ADDITIONAL BROWN ARCHITECTURAL LUMINAIRES.
9. THE TWO ARMED TERN BRACKET POSITIONS THE DOUBLE ARM 180 DEGREES APART.
10. TO ACCOMMODATE LESS THAN THE SPECIFIED LUMINAIRE MOUNTING HEIGHT, A SHOT ORDER IS REQUIRED TO HAVE A PORTION FROM THE TOP OF THE POLE CUT OFF. THE TERN ARM BRACKET SLIDES OVER AND COVERS THE CUT PORTION OF THE POLE.
11. IN-LINE FUSE FOR UNDERGROUND FEEDS, SEE 8130-8131.
12. FOR PEDESTRIAN ONLY APPLICATIONS SEE 8030.

POLE CODE	POLE LENGTH	BURY DEPTH	POLE ABOVE GROUND	LUMINAIRE HEIGHT ABOVE GROUND			
				6IN ARM	2FT ARM	4FT ARM	8FT ARM
1940.20	20'-0"	5'-0"	15'-0"	15'-0"	15'-0"	15'-0"	---
1940.30	30'-6"	5'-0"	25'-0"	25'-0"	25'-0"	25'-0"	33'-0"
1940.34	34'-0"	6'-0"	28'-0"	28'-0"	28'-0"	28'-0"	39'-6"
1940.38	38'-0"	6'-6"	31'-6"	31'-6"	31'-6"	31'-6"	39'-6"

															MATERIAL LIST		
CODE		8030.50		8030.52		8030.54		8030.58		8030.60		8030.62		8030.62			
ITEM	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	DESCRIPTION	APN	
1															BRACKET ARCH SPL BOLTED	0009225	
2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	CONDUIT 1" PVC FLEX CORR	32900891	
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	CONTROL PHOTO MULL BLACK	00062865	
4	VAR	VAR	VAR	VAR	VAR	VAR	VAR	VAR	VAR	VAR	VAR	VAR	VAR	VAR	CONTROL PHOTO MULL BR-20	00073241	
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	LAMP - SEE 6164 - 6171		
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	LUMINAIRE - SEE CHART		
7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	MAST ARM STL 3" SQ X 6" SGL	88370	
8	-	1	-	-	-	-	-	-	-	-	-	-	-	-	MAST ARM STL 3" SQ X 6" DBL	01021154	
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	MAST ARM STL 3" SQ X 2" SGL	33701116	
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	MAST ARM STL 3" SQ X 2" DBL	02121171	
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	MAST ARM STL 3" SQ X 2" TPL	52664	
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	MAST ARM STL 3" SQ X 2" BLAD	00052665	
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	MAST ARM STL 3" SQ X 8" SGL	00061738	
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	MAST ARM STL 3" SQ X 4" DBL	00072267	
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	MAST ARM STL 3" SQ X 8" SGL	33701120	
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	MAST ARM STL 3" BOLT ON	00052262	
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	SIGN POLE OWNED BY APS	00052092	
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	WIRE BARE #6 SOLID CU	33007360	



ARIZONA PUBLIC SERVICE COMPANY
T&D CONSTRUCTION STANDARDS

BY	LDR.	MGR.	DATE	REV.
KL	B. MCMINN	R. SMITH	04/20/10	3

LIGHTS

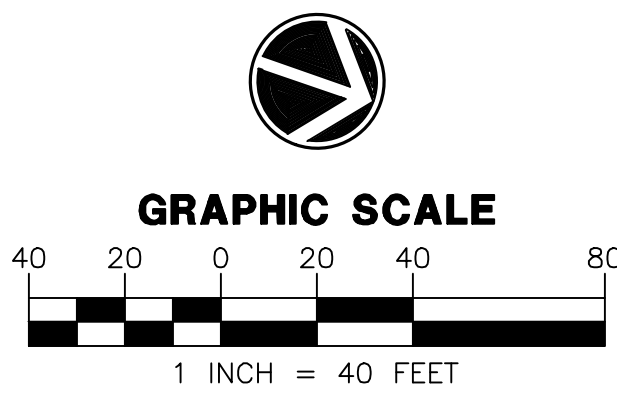
ARCHITECTURAL ON

5" SQUARE BROWN PAINTED STEEL POLE

DIRECT BURY

SH 2 OF 2

8030



ARIZONA BLUE STAKE
CALL TWO WORKING DAYS
BEFORE YOU DIG
Dial 811 or
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

WRIGHT ENGINEERING
PROJECT NO:
17234-02

DESIGN BY: JKS
DRAWN BY: JKS
CHECKED BY: AMB

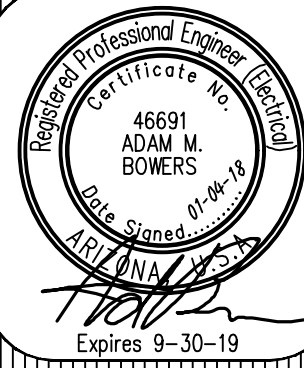
WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA, 85225
PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:

SURPRISE, ARIZONA
MARLEY PARK
144TH DRIVE

STREET LIGHT PLAN

U.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
1	OCT 2017	1ST SUBMITTAL
2	JAN 2018	2ND SUBMITTAL



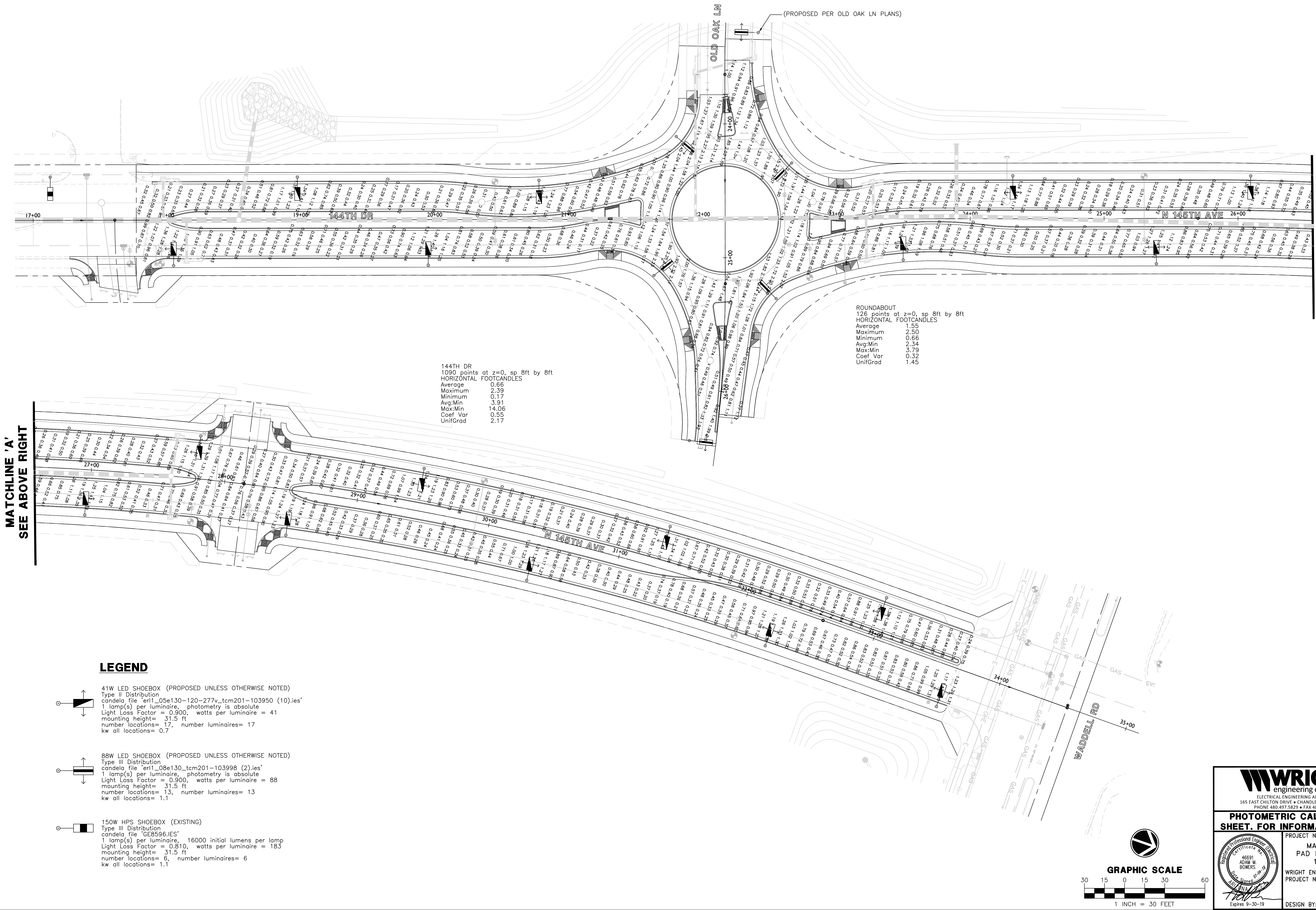
DRAWING NO:

SL2
OF 3

H:\2017\17234-Marley Park Phases 4 & 5\17234-144th-Dr-SL.dwg

MATCHLINE 'A'
SEE ABOVE RIGHT

MATCHLINE 'A'
SEE BELOW LEFT



WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807

PHOTOMETRIC CALCULATION SHEET. FOR INFORMATION ONLY.
PROJECT NAME:
MARLEY PARK
PAD PHASE 4 & 5
144TH DR
WRIGHT ENG.
PROJECT NO: 17234-02
DESIGN BY: JKS
SL3

Professional Engineer
No. 46691
ADAM W. BOWERS
Exp. 9-30-19

Signature
Date
10/1/18

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MARLEY PARK PAD PHASE 4 & 5

OLD OAK LN

STREET LIGHT DESIGN

STREET LIGHTING REQUIREMENTS

5.00 GENERAL NOTES:

THE FOLLOWING INFORMATION IS PROVIDED TO EMPHASIZE CRITICAL WORK AND IS INTENDED TO SUPPLEMENT THE SPECIFICATIONS. SHOULD THERE BE A CONFLICT WITH THE SPECIFICATIONS, THIS DOCUMENT SHALL TAKE PRECEDENCE.

ALTERNATES SHALL BE PRE-APPROVED BY THE CITY ENGINEERING MANAGER. APPROVAL OF ALTERNATE PRODUCTS SHALL BE ON AN EQUAL BASIS WITH THE PRODUCT SPECIFIED AND SHALL BE SUBMITTED A MINIMUM OF TEN (10) DAYS PRIOR TO BID OPENING. STRUCTURAL CALCULATIONS SHALL BE FURNISHED FOR ALTERNATE PRODUCTS AND CERTIFIED BY A STRUCTURAL ENGINEER, REGISTERED IN THE STATE OF ARIZONA. LUMINAIRES AND LAMPS SHALL MEET OR EXCEED THE PHOTOMETRIC, ELECTRICAL, AND MECHANICAL REQUIREMENTS FOR THE SPECIFIED PRODUCTS.

THE CONTRACTOR SHALL COMPLY WITH STATE AND CITY STATUTES, AND MANUFACTURER'S RECOMMENDATIONS.

THE SUBMITTAL PACKAGE SHALL CONSIST OF THREE (3) COPIES OF EQUIPMENT/MATERIAL TO BE INSTALLED AND SHALL BE BOUND/STAPLED IN A FOLDER AND SUBMITTED AT THE TIME OF PERMIT APPLICATION.

PRIOR TO SUBMITTING A PROPOSAL, THE BIDDER SHALL EXAMINE ALL GENERAL CONSTRUCTION DRAWINGS AND VISIT THE CONSTRUCTION SITE TO BECOME FAMILIAR WITH EXISTING CONDITIONS UNDER WHICH HE WILL OPERATE AND WHICH WILL IN ANY WAY AFFECT THE WORK UNDER THE CONTRACT. NO SUBSEQUENT ALLOWANCE WILL BE MADE IN THIS CONNECTION IN THE BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLIGENCE ON HIS PART.

PRIOR TO ORDERING ANY MATERIALS OR DOING ANY WORK, THE CONTRACTOR SHOULD VERIFY DIMENSIONS AT THE SITE. IMMEDIATELY REPORT DIFFERENCES TO THE ENGINEERING MGR. AND SHOULD NOT PROCEED WITH WORK UNTIL THE ENGINEERING MGR. RENDERS A DECISION. NO EXTRA CHARGES OR COMPENSATION WILL BE ALLOWED FOR DIFFERENCES IN ACTUAL DIMENSIONS AND DIMENSIONS INDICATED ON THE DRAWINGS.

5.01 GENERAL:

THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH ALL LICENSING REQUIREMENTS SET FORTH BY THE STATE REGISTRAR OF CONTRACTORS OFFICE TO PERFORM WORK RELATING TO STREET LIGHT INSTALLATION IN THE CITY RIGHT-OF-WAY.

ONE PROJECT UNDERGROUND UTILITIES (RIGHT OF WAY) PERMIT AND ONE STREETLIGHT PERMIT FOR EACH STREET LIGHT POLE SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

5.02 WORKING / "AS BUILT" PLANS:

ACCEPTANCE OF THE COMPLETED IMPROVEMENTS WILL NOT BE GIVEN UNTIL 4 MIL PHOTO MYLAR REPRODUCIBLE "AS BUILT" PLANS HAVE BEEN SUBMITTED TO AND APPROVED BY THE CITY ENGINEER.

5.03 LIGHT POLES:

LIGHT POLES SHALL BE INSTALLED PLUMB, BE ADJUSTED TO PROVIDE PROPER ALIGNMENT TO THE ROADWAY WHEN LIGHTED AND BE PROPERLY GROUNDED WHEN THE INSTALLATION IS COMPLETE.

5.04 EMBEDMENT:

DIRECT BURIED POLES SHALL BE SET IN A TWELVE (12) INCH AUGURED HOLE DEPTH AS SPECIFIED IN UNDISTURBED EARTH. POLE SHALL BE SET PLUMB IN TWO DIRECTIONS 90 DEGREES APART. HAND TAMPING OF ABC BACKFILL WITH PNEUMATIC OR VIBRATING EQUIPMENT IS THE ACCEPTABLE METHOD OF COMPACTION. BACKFILL SHALL BE COMPACTED TO 85% OF MAXIMUM DENSITY AS DEFINED BY ASTM D-2922 AND D-3017. A GROUND ROD SHALL BE INSTALLED ADJACENT TO PULL BOX IN UNDISTURBED SOIL AND A LEAD IN COPPER BOND WIRE (#6) SHALL BE INSTALLED IN 1" CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT (OR EQUAL) FOR POLE GROUNDING.

SURPLUS EXCAVATION SHALL BE DISPOSED OF BY THE CONTRACTOR.

5.05 LUMINAIRES:

LUMINAIRES SHALL BE INSTALLED LEVEL AND INCLUDE A LAMP AND PHOTOCCELL. CONTRACTOR SHALL ASSURE THAT THE LUMINAIRES SHALL BE FREE OF DUST, DIRT OR ANYTHING THAT WOULD IMPAIR THE OUTPUT OF THE LIGHT BEFORE HE LEAVES THE SITE.

LUMINAIRES FURNISHED WITH MULTI-TAP BALLASTS SHALL BE REWIRED OR RECONNECTED TO MATCH THE VOLTAGE SUPPLIED BY THE ELECTRIC UTILITY COMPANY.

5.06 WIRING:

WIRING SHALL BE INSTALLED PER UTILITY STANDARDS.

5.07 GROUNDING:

EACH POLE SHALL HAVE A 8' x 5/8" COPPER CLAD GROUND ROD DRIVEN ADJACENT TO PULL BOX. A #6 BARE COPPER LEAD FROM THE GROUND ROD IN PULL BOX TO LANDING LUG IN STREET LIGHT POLE HAND HOLE.

5.08 PULL BOXES:

EXCAVATION FOR PULL BOXES AND MATERIAL SPECIFICATION SHALL BE PER THE ELECTRIC UTILITY COMPANY STANDARDS.

5.09 TRENCH

TRENCH SHALL BE INSTALLED PER THE UTILITY COMPANY STANDARDS.

THE USE OF A COMMON ELECTRIC UTILITY COMPANY TRENCH IS PERMITTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE UTILITY COMPANY FOR COORDINATION OF TRENCHING AND THE INSTALLATION OF CONDUIT.

CONDUIT SHALL BE INSTALLED AT THE DEPTH SPECIFIED ON THE PLANS. CONDUIT SHALL BE 1 INCH CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT OR EQUAL. CONDUIT MUST BE UL RATED AND SUITABLE FOR UNDERGROUND USE.

CONNECTIONS SHALL BE PER UTILITY STANDARDS.

5.12 LIGHT POLE IDENTIFICATION:

THE CONTRACTOR SHALL FURNISH AND INSTALL A NUMBER ON EACH LIGHT POLE. STREET LIGHT POLE IDENTIFICATION AND SPECIFICATIONS WILL BE PROVIDED BY THE CITY OF SURPRISE.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO RESTORE ALL PROPERTY, LANDSCAPING, PAVING AND DRIVEWAYS THAT ARE DISTURBED DURING STREET LIGHT CONSTRUCTION TO THEIR ORIGINAL CONDITION IN CONFORMANCE WITH "MAG" SPECIFICATION SECTION 107.9.

THE DEVELOPER SHALL BE RESPONSIBLE FOR FURNISHING ALL PERSONNEL AND EQUIPMENT TO SUCCESSFULLY PERFORM THE FOLLOWING TEST.

PRIOR TO ACCEPTANCE, THE DEVELOPER SHALL ENERGIZE AND OPERATE THE ENTIRE ROADWAY LIGHTING SYSTEM, FROM SUNSET TO SUNRISE FOR TWO CONSECUTIVE DAYS WITHOUT INTERRUPTION OR FAILURE. IF A LAMP OR BALLAST SHOULD FAIL, IT SHALL BE IMMEDIATELY REPLACED.

THE CONTRACTOR SHALL GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE ENGINEERING MANAGER, AGAINST IMPERFECT WORKMANSHIP, FAILURE, MALFUNCTION OF MATERIALS AND/OR EQUIPMENT DUE TO FAULTY OR IMPERFECT WORKMANSHIP. THIS GUARANTEE IS TO BE IN WRITING TO THE CITY AT THE TIME OF ISSUING FINAL ACCEPTANCE. WORK FOUND TO BE DEFECTIVE WITHIN THE WARRANTY PERIOD SHALL BE REPLACED WITHOUT COST TO THE CITY.

GENERAL ENGINEERING NOTES:

- ALL CONSTRUCTION MUST CONFORM TO MARICOPA ASSOCIATION OF GOVERNMENT (MAG) SPECIFICATIONS AND DETAILS AND LATEST REVISIONS UNLESS OTHERWISE STATED ON PLANS.
- THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND THEY WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL OVERHEAD AND UNDERGROUND UTILITY LOCATIONS WHERE CONSTRUCTION OCCURS. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT ALL UTILITIES ARE AVOIDED. UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND NOT FOR CONSTRUCTION PURPOSES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AND OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT BLUE STAKE LAWS. CALL BLUE STAKE FOR FIELD LOCATION AT (602) 263-1100.
- THE CITY OF SURPRISE ENGINEERING SERVICES OF PUBLIC WORKS SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK AT 623-222-6150.
- THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION OR VARIANCE FROM THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE PROPOSED AND RESUBMITTED FOR REVIEW AND APPROVAL.
- THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE DRAWING, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE. EXISTING SURFACE FEATURES AND FENCING SHALL BE REPLACED IN KIND.
- ANY INSPECTION BY THE CITY, COUNTY, OR THE ENGINEER, SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE APPLICABLE CODES AND AGENCY REQUIREMENTS.
- THE CONTRACTOR IS TO LOCATE ALL EXISTING LANDSCAPING, LANDSCAPING IRRIGATION LINES, PROPERTY MONUMENTS, FENCING OR SURFACE FEATURES PRIOR TO CONSTRUCTION. ANYTHING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
- NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
- ALL CONSTRUCTION WATER USED WITHIN THE CITY OF SURPRISE WATER SERVICE AREA REQUIRES APPROVAL BY THE CITY OF SURPRISE PUBLIC WORKS DEPARTMENT AND MAY BE SUBJECT TO VOLUME AND TIME RESTRICTIONS. PLEASE SEE THE CITY OF SURPRISE CONSTRUCTION WATER GUIDELINES FOR ADDITIONAL INFORMATION. THE GUIDELINES CAN BE OBTAINED FROM THE PUBLIC WORKS DEPARTMENT AT 623-222-7000.
- TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH MAG SPECIFICATION 401, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND THE "TEMPORARY WORK ZONE TRAFFIC MANAGEMENT POLICY" (LATEST EDITION).
- PRIOR TO FINAL APPROVAL AND ACCEPTANCE OF THE WORK, THE DEVELOPER/CONTRACTOR WILL BE REQUIRED TO CLEAN AND REPAIR ADJACENT (OFF-PROJECT) ROADWAYS USED OR DAMAGED DURING THE COURSE OF CONSTRUCTION.
- EMERGENCY VEHICLE ACCESS (E.V.A.) MUST BE PROVIDED BY THE DEVELOPER/CONTRACTOR THROUGHOUT THE PROJECT SITE. E.V.A. ROADS AND SIGNAGE SHALL BE MAINTAINED BY THE DEVELOPER/CONTRACTOR AT ALL TIMES. SIGNAGE SHALL BE POSTED AT THE POINT OF ENTRY TO THE SITE AND AT ALL LOCATIONS WHERE A CHANGE IN DIRECTION OCCURS.
- THE PLANS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT'S ACCESSIBILITY GUIDELINES, AS PUBLISHED IN THE FEDERAL REGISTER ON SEPTEMBER 15, 2010.

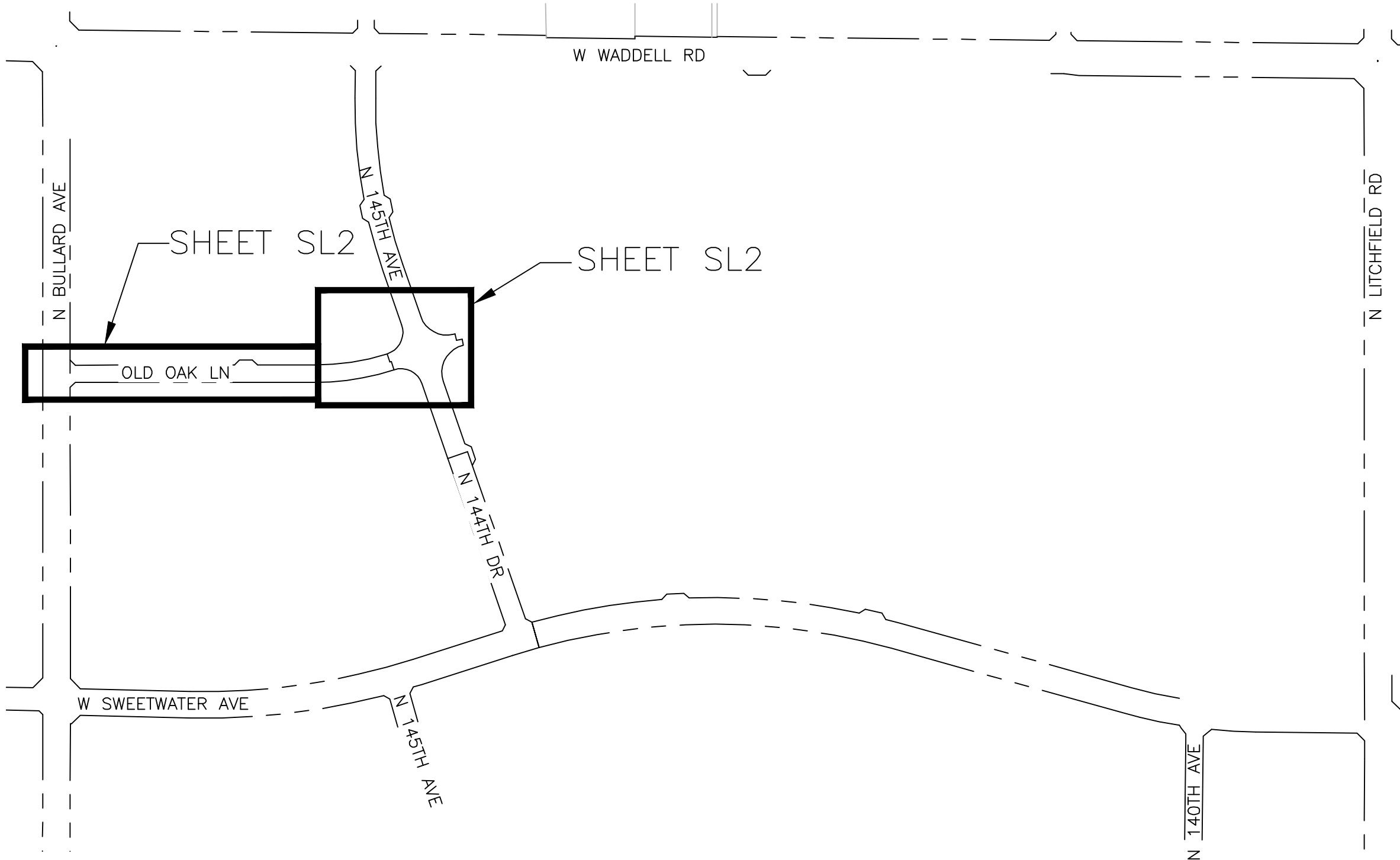
UTILITIES WITHIN OR AFFECTED BY THE PROJECT		
UTILITY CONTACT	DATE SUBMITTED	
ARIZONA PUBLIC SERVICE	10/17/2017	
CENTURY LINK	10/17/2017	
COX COMMUNICATIONS	10/17/2017	
EPCOR WATER INC	10/17/2017	
SOUTHWEST GAS	10/17/2017	

NOTE

THE ELECTRICAL/MAINTENANCE COSTS OF ALL STREET LIGHTS ON LOCAL AND COLLECTOR STREETS (TYPICALLY THE 100 WATT / 9,500 LUMEN AND THE 150 WATT /16,000 LUMEN FIXTURES) ARE TO BE PAID BY THE ADJACENT PROJECT OR THE ADJACENT DEVELOPMENT'S STREET LIGHT IMPROVEMENT DISTRICT (SLID). THE ELECTRICAL / MAINTENANCE COSTS OF ALL STREET LIGHTS ON ARTERIAL STREETS (TYPICALLY THE 250 WATT/ 30,000 LUMEN FIXTURES) ARE TO BE BILLED TO THE CITY OF SURPRISE'S ENERGY BILL.

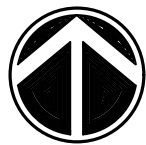
LED NOTE

LED TECHNOLOGY IS CHANGING RAPIDLY. THE FIXTURES SHOWN ON THESE PLANS MAY NOT BE APPLICABLE AT TIME OF CONSTRUCTION. CONTRACTOR TO COORDINATE WITH APS AND UTILIZE THEIR CURRENT SPECIFICATION AT THE TIME OF BIDDING AND CONSTRUCTION.



KEY MAP

N.T.S.



CITY OF SURPRISE APPROVAL

THIS SET OF PLANS HAS BEEN REVIEWED FOR COMPLIANCE WITH CITY REQUIREMENTS PRIOR TO ISSUANCE OF PERMITS. THE CITY NEITHER ACCEPTS NOR ASSUMES ANY LIABILITY FOR ERRORS OR OMISSIONS. THIS COMPLIANCE APPROVAL SHALL NOT PREVENT THE CITY ENGINEER FROM REQUIRING CORRECTIONS OF ERRORS OR OMISSIONS IN PLANS FOUND TO BE IN VIOLATION OF LAW OR ORDINANCES.

CITY OF SURPRISE ENGINEER

DATE

STREET LIGHTING (APS AREA)																
KEY NO.	SYMBOL	STREET TYPE	OFFSET BEHIND B/C	QUANTITY	POLE		MAST ARM	LUMINAIRE							APS STANDARD CODE NO.	
					POLE HEIGHT	FOUNDATION		SIZE	MOUNTING HEIGHT	LUMENS	WATTAGE	I.E.S. DIST.	VOLTAGE	TYPE		STYLE
①		COLLECTOR	PER PLANS	8	38'-0"	DIRECT BURY	4'-0"	31'-6"	8,200	88 W	TYPE II	*	LED	ARCHITECTURAL (SHOEBOX)	8030.S4.RL42	

*PER UTILITY COMPANY REQUIREMENTS



WRIGHT ENGINEERING
PROJECT NO:
17234-03
DESIGN BY: JKS
DRAWN BY: JKS
CHECKED BY: AMB

WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807
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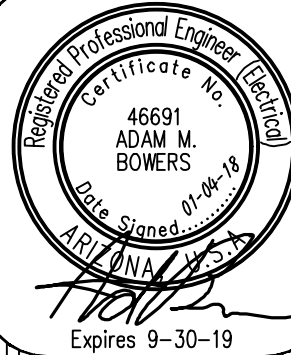
PROJECT: TITLE:

SURPRISE, ARIZONA
MARLEY PARK - OLD OAK LN
OLD OAK LN & BULLARD AVE
STREET LIGHT COVER SHEET

NO. DATE SUBMITTALS/REVISIONS (DESCRIPTIONS)

1 OCT 2017 1ST SUBMITTAL

2 JAN 2018 2ND SUBMITTAL

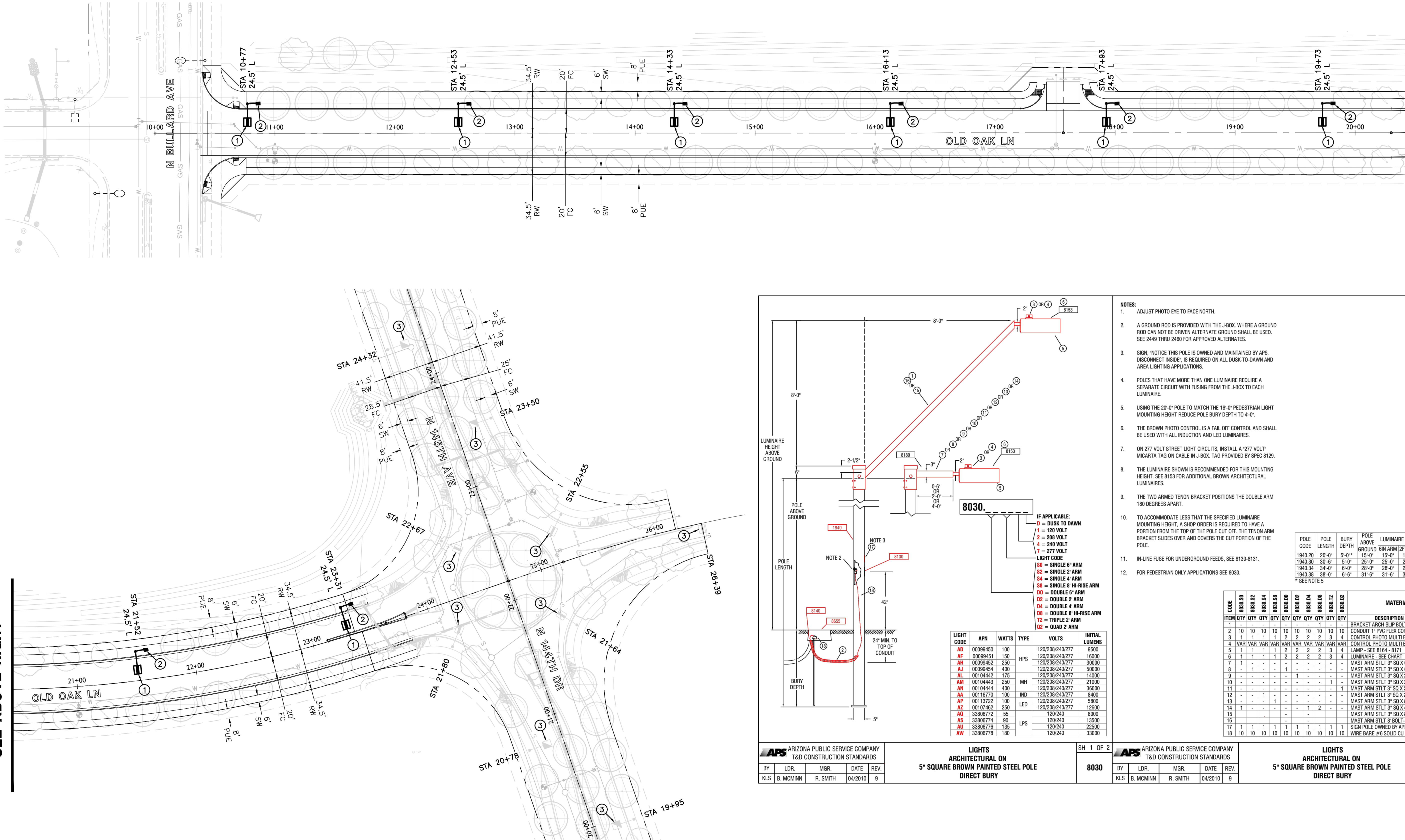


DRAWING NO:
SL1
OF 3

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CONSTRUCTION NOTES

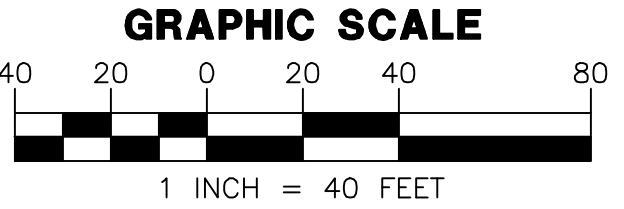
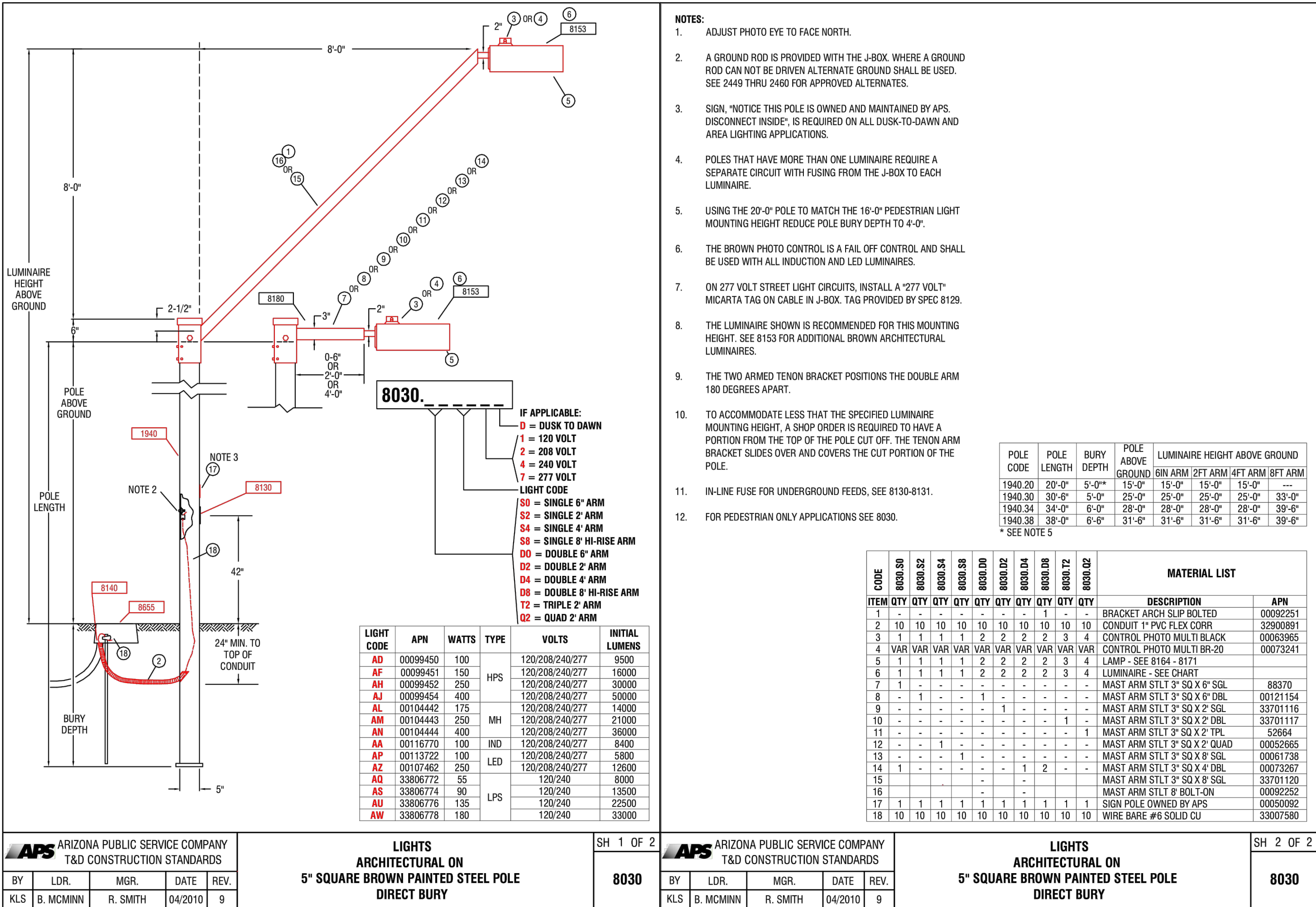
- (1) 88W LED (8,200 LUMEN) FIXTURE (LIGHT CODE RL42) WITH PHOTOELECTRIC CONTROL ON A 38'-0" DIRECT BURIED POLE (1940.38) WITH A 4' MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL2). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.
- INSTALL APS PULL BOX NEXT TO POLE. INSTALL 1" CONDUIT WITH (2) #14 TYPE THHN/THWN AND (1) #14 BARE BOND FROM PULL BOX TO FUSE HOLDER IN STREET LIGHT PER APS DETAILS AND SPECIFICATIONS.
- STREET LIGHT TO BE INSTALLED PER SEPARATE PLAN SET. SHOWN FOR REFERENCE ONLY.

LEGEND

- 88W LED SHOEBOX STREET LIGHT
- EXISTING SHOEBOX STREET LIGHT
- EXISTING COBRAHEAD STREET LIGHT
- STREET LIGHT PER SEPARATE PLAN SET
- STREET LIGHT PER SEPARATE PLAN SET
- PULL BOX
- NEW CONDUIT RUN
- FIRE HYDRANT

ROADWAY SCALEABLE LED 3000K

LIGHT CODE	COLOR	APN	WATTS	VOLTS	INITIAL LUMENS	PHOTOMETRIC CURVE
RL40		00141047	32	120/208/240/277	3,800	ERL1_04B130_120-277VIES
RL41		00141048	41	120/208/240/277	4,800	ERL1_05E130_120-277VIES
RL42	DKBZ	00141049	88	120/208/240/277	8,200	ERL1_08E130_120-277VIES
RL43		00141050	108	120/208/240/277	11,000	ERS1_11E130_120-277VIES
RL44		00141051	162	120/208/240/277	19,000	ERS2_19E130_120-277VIES



ARIZONA BLUE STAKE
CALL TWO WORKING DAYS
BEFORE YOU DIG
Dial 811 or
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

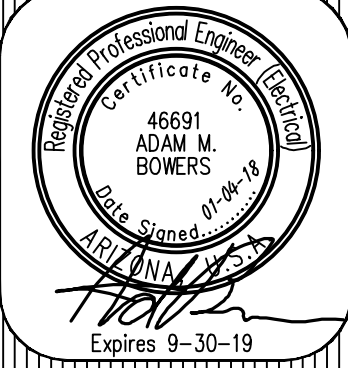
WRIGHT ENGINEERING
PROJECT NO:
17234-03
DESIGN BY: JKS
DRAWN BY: JKS
CHECKED BY: AMB

WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:

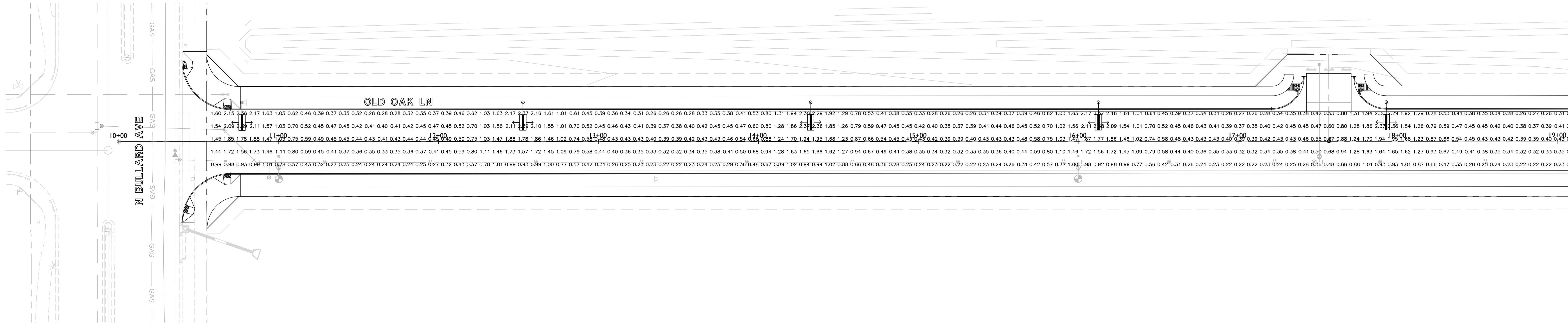
SURPRISE, ARIZONA
MARLEY PARK - OLD OAK LN
OLD OAK LN & BULLARD AVE
STREET LIGHT PLAN

NO.	DATE	SUBMITTALS/REVISIONS	DESCRIPTIONS
1	OCT 2017	1ST SUBMITTAL	
2	JAN 2018	2ND SUBMITTAL	



DRAWING NO:
SL2
OF 3

H:\2017\17234-Marley Park Phases 4 & 5\17234-Old Oak Ln-SL.dwg



MATCHLINE 'A'
SEE BELOW LEFT

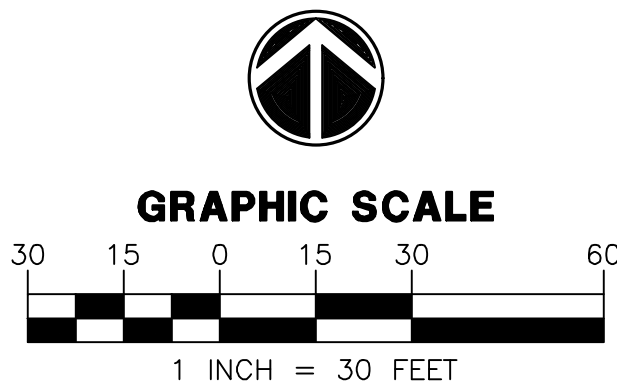
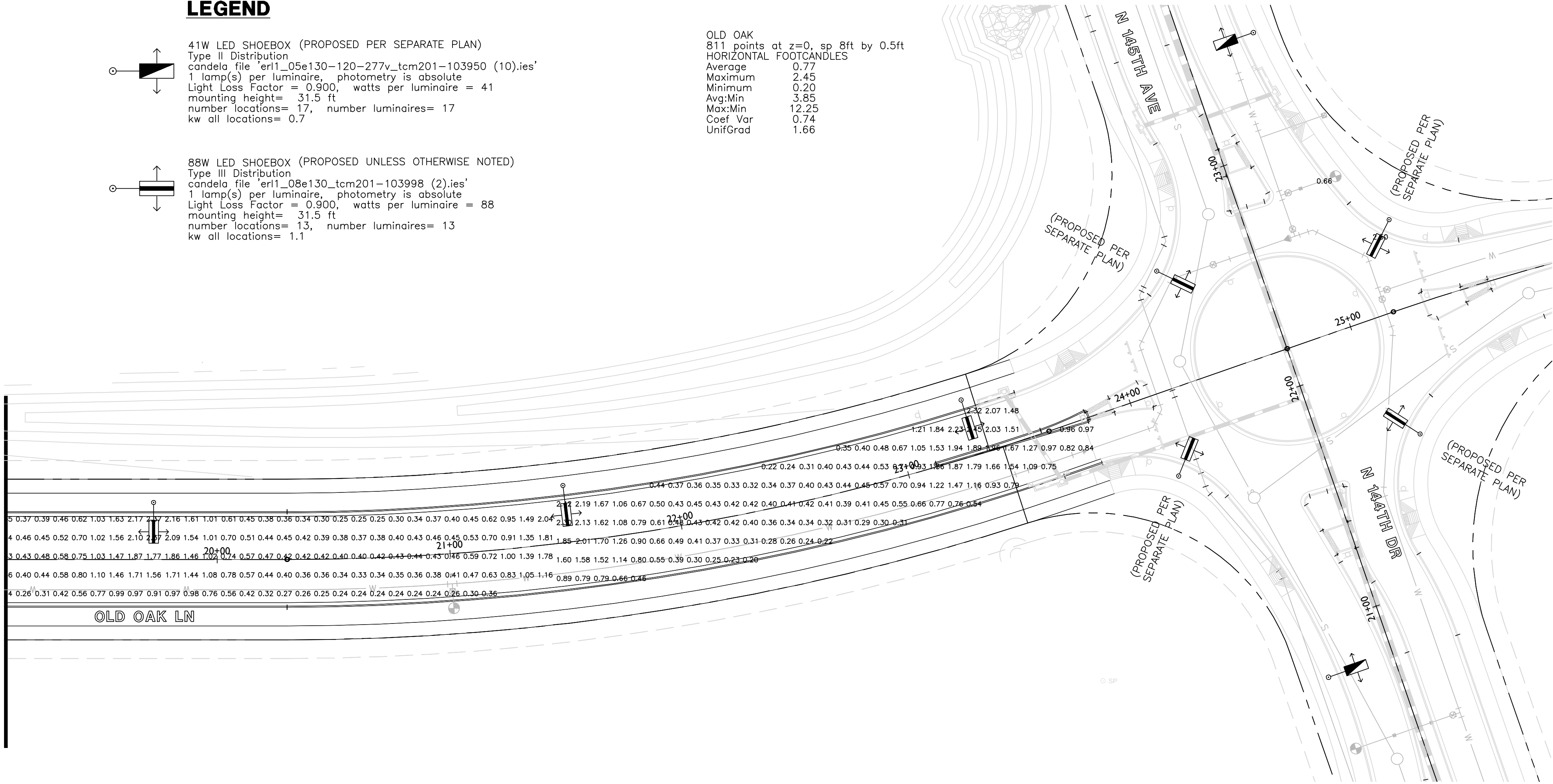
LEGEND

41W LED SHOEBX (PROPOSED PER SEPARATE PLAN)
Type II Distribution
candela file 'erif_05e130-120-277v_tcm201-103950 (10).ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 41
mounting height= 31.5 ft
number locations= 17, number luminaires= 17
kw all locations= 0.7

88W LED SHOEBX (PROPOSED UNLESS OTHERWISE NOTED)
Type III Distribution
candela file 'erif_08e130_tcm201-103998 (2).ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 88
mounting height= 31.5 ft
number locations= 13, number luminaires= 13
kw all locations= 1.1

OLD OAK
811 points at z=0, sp 8ft by 0.5ft
HORIZONTAL FOOTCANDLES
Average 0.77
Maximum 2.45
Minimum 0.20
Avg:Min 3.85
Max:Min 12.25
Coef Var 0.74
UniGrad 1.66

MATCHLINE 'A'
SEE ABOVE RIGHT



WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807

**PHOTOMETRIC CALCULATION
SHEET. FOR INFORMATION ONLY.**

Professional Engineer
46691
ADAM M.
BOWERS
Date Signed: 11-14-18
Exp. 11-14-20

Expires 9-30-19

PROJECT NAME:
MARLEY PARK
PAD PHASE 4 & 5
OLD OAK LN
WRIGHT ENG.
PROJECT NO: **17234-03**
DESIGN BY: JKS **SL3**

File: 18001-1A-SL1.dwg
Drafter: Brandon Rickard
Saved: Jun 14, 2018

DARCOR GENERAL NOTES

- A. LOCATIONS INDICATED FOR EXISTING UNDERGROUND UTILITIES ARE BASED ON DRAWINGS PROVIDED TO US BY THE CIVIL ENGINEER AT TIME OF DESIGN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UNDERGROUND OBSTRUCTIONS AND UTILITIES ENCOUNTERED DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING BLUE-STAKE AND POT-HOLING TO VERIFY ALL EXISTING UNDERGROUND OBSTRUCTIONS.
- B. DARCOR & ASSOCIATES INC., ITS OWNERS, OR EMPLOYEES WILL NOT BE HELD RESPONSIBLE FOR ANY DAMAGE TO PROPERTY CAUSED BY OTHERS DURING OR RESULTING FROM CONSTRUCTION OF THIS PROJECT.
- C. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR COORDINATING THE RELOCATION OF UTILITIES, POWER POLES, ETC.
- D. THE CONTRACTOR SHALL PROVIDE THE CITY WITH ACCURATE AS-BUILT INFORMATION INCLUDING FIELD MEASUREMENTS TO ELECTRICAL EQUIPMENT AND UNDERGROUND CONDUIT ROUTING.
- E. ANY QUANTITIES SHOWN ARE THE BEST ESTIMATE OF THE ENGINEER. THE CONTRACTOR SHALL MAKE HIS OWN INDEPENDENT ESTIMATE OF QUANTITIES AND BASE HIS BID THEREON.
- F. THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES OR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED DURING CONSTRUCTION, AND WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- G. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL PROPERTY, LANDSCAPING, PAVING AND DRIVEWAYS THAT ARE DISTURBED DURING CONSTRUCTION TO THEIR ORIGINAL CONDITION WITH CONFORMANCE TO MAG SPECIFICATION SECTION 107.9.

THE ELECTRICAL / MAINTENANCE COSTS OF ALL STREET LIGHTS ON LOCAL AND COLLECTOR STREETS (TYPICALLY THE 41 WATT / 4,800 LUMEN AND THE 88 WATT / 8,500 LUMEN FIXTURES) ARE TO BE PAID BY THE ADJACENT PROJECT OR THE ADJACENT DEVELOPMENT'S STREET LIGHT IMPROVEMENT DISTRICT (SLID)

LED TECHNOLOGY IS CHANGING RAPIDLY, THE FIXTURES SHOWN ON THESE PLANS MAY NOT BE APPLICABLE AT TIME OF CONSTRUCTION. CONTRACTOR TO COORDINATE WITH APS AND UTILIZE THEIR CURRENT SPECIFICATION AT THE TIME OF BIDDING AND CONSTRUCTION.

CITY OF SURPRISE
GENERAL ENGINEERING NOTES

1. ALL CONSTRUCTION MUST CONFORM TO MARICOPA ASSOCIATION OF GOVERNMENT (MAG) SPECIFICATIONS AND DETAILS AND LATEST REVISIONS UNLESS OTHERWISE STATED ON PLANS.
2. THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND THEY WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL OVERHEAD AND UNDERGROUND UTILITY LOCATIONS WHERE CONSTRUCTION OCCURS. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT ALL UTILITIES ARE AVOIDED. UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND NOT FOR CONSTRUCTION PURPOSES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AND OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT ARIZONA UNDERGROUND FACILITIES LAWS (ARIZONA REVISED STATUTES TITLE 40, CHAPTER 2, ARTICLE 6-3, SECTION 40-360.21-32). CALL ARIZONA 811 FOR FIELD LOCATION BY DAIL 811.
4. THE CITY OF SURPRISE ENGINEERING SERVICES OF PUBLIC WORKS SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK AT 623-222-6150.
5. THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION OR VARIANCE FROM THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE PROPOSED AND RESUBMITTED FOR REVIEW AND APPROVAL.
6. THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE DRAWING, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE. EXISTING SURFACE FEATURES AND FENCING SHALL BE REPLACED IN KIND.
7. ANY INSPECTION BY THE CITY, COUNTY, OR THE ENGINEER, SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE APPLICABLE CODES AND AGENCY REQUIREMENTS.
8. THE CONTRACTOR IS TO LOCATE ALL EXISTING LANDSCAPING, LANDSCAPING IRRIGATION LINES, PROPERTY MONUMENTS, FENCING OR SURFACE FEATURES PRIOR TO CONSTRUCTION. ANYTHING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
9. NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
10. ALL CONSTRUCTION WATER USED WITHIN THE CITY OF SURPRISE WATER SERVICE AREA REQUIRES APPROVAL BY THE CITY OF SURPRISE PUBLIC WORKS DEPARTMENT AND MAY BE SUBJECT TO VOLUME AND TIME RESTRICTIONS. PLEASE SEE THE CITY OF SURPRISE CONSTRUCTION WATER GUIDELINES FOR ADDITIONAL INFORMATION. THE GUIDELINES CAN BE OBTAINED FROM THE PUBLIC WORKS DEPARTMENT AT 623-222-6000.
11. TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH MAG SPECIFICATION 401, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND THE "TEMPORARY WORK ZONE TRAFFIC MANAGEMENT POLICY" (LATEST EDITION).
12. PRIOR TO FINAL APPROVAL AND ACCEPTANCE OF THE WORK, THE DEVELOPER/CONTRACTOR WILL BE REQUIRED TO CLEAN AND REPAIR ADJACENT (OFF-PROJECT) ROADWAYS USED OR DAMAGED DURING THE COURSE OF CONSTRUCTION.
13. EMERGENCY VEHICLE ACCESS (E.V.A.) MUST BE PROVIDED BY THE DEVELOPER/CONTRACTOR THROUGHOUT THE PROJECT SITE. E.V.A. ROADS AND SIGNAGE SHALL BE MAINTAINED BY THE DEVELOPER/CONTRACTOR AT ALL TIMES. SIGNAGE SHALL BE POSTED AT THE POINT OF ENTRY TO THE SITE AND AT ALL LOCATIONS WHERE A CHANGE IN DIRECTION OCCURS.
14. THE PLANS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT'S ACCESSIBILITY GUIDELINES, AS PUBLISHED IN THE FEDERAL REGISTER ON SEPTEMBER 15, 2010.

DEVELOPER

MERITAGE HOMES OF ARIZONA, INC.
8800 E. RAINTREE DR., STE. 300
SCOTTSDALE, AZ 85260
PHONE: (480) 515-8251
CONTACT: JASON JARVIS

CIVIL ENGINEER

ENTELLUS, INC.
3033 N. 44TH STREET, STE 250
PHOENIX, ARIZONA 85018
PHONE: (602) 244-2566
CONTACT: MICHAEL R. GLEESON, P.E.

ELECTRICAL ENGINEER

DARCOR & ASSOCIATES
7600 N. 16TH STREET, STE 212
PHOENIX, AZ 85020
PHONE: (602) 795-2699
CONTACT: DARWIN REYNOLDS, P.E.

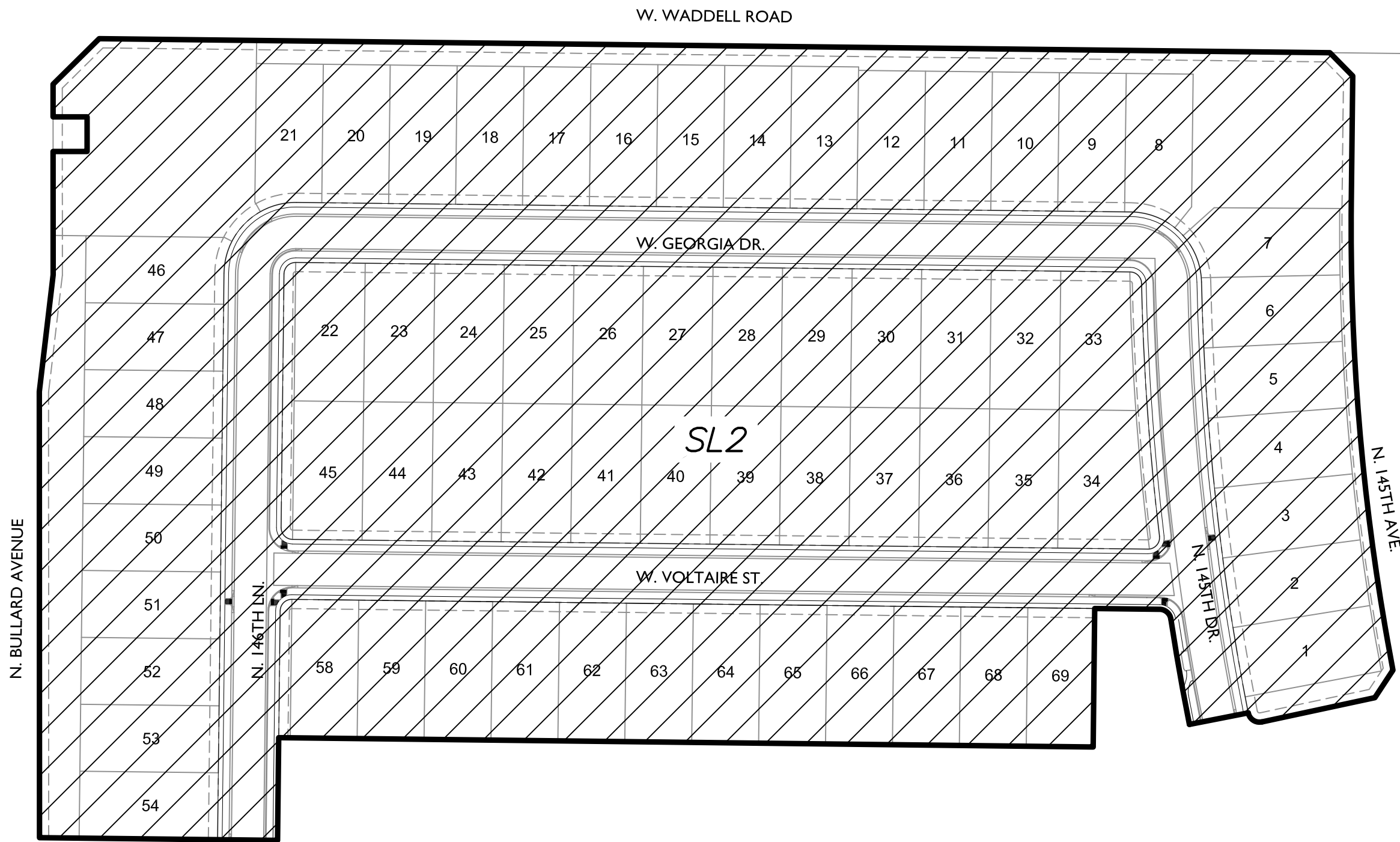
UTILITIES

THESE PLANS HAVE BEEN SUBMITTED TO THE FOLLOWING UTILITY COMPANIES FOR REVIEW OF ANY UTILITY CONFLICTS. IF ANY CONFLICTS ARISE DURING THE COURSE OF CONSTRUCTION FROM UNFORESEEN CIRCUMSTANCES, IT SHALL BE REPORTED TO THE APPROPRIATE UTILITY COMPANY AND BE RESOLVED BY THEM AND THE DESIGN ENGINEER.

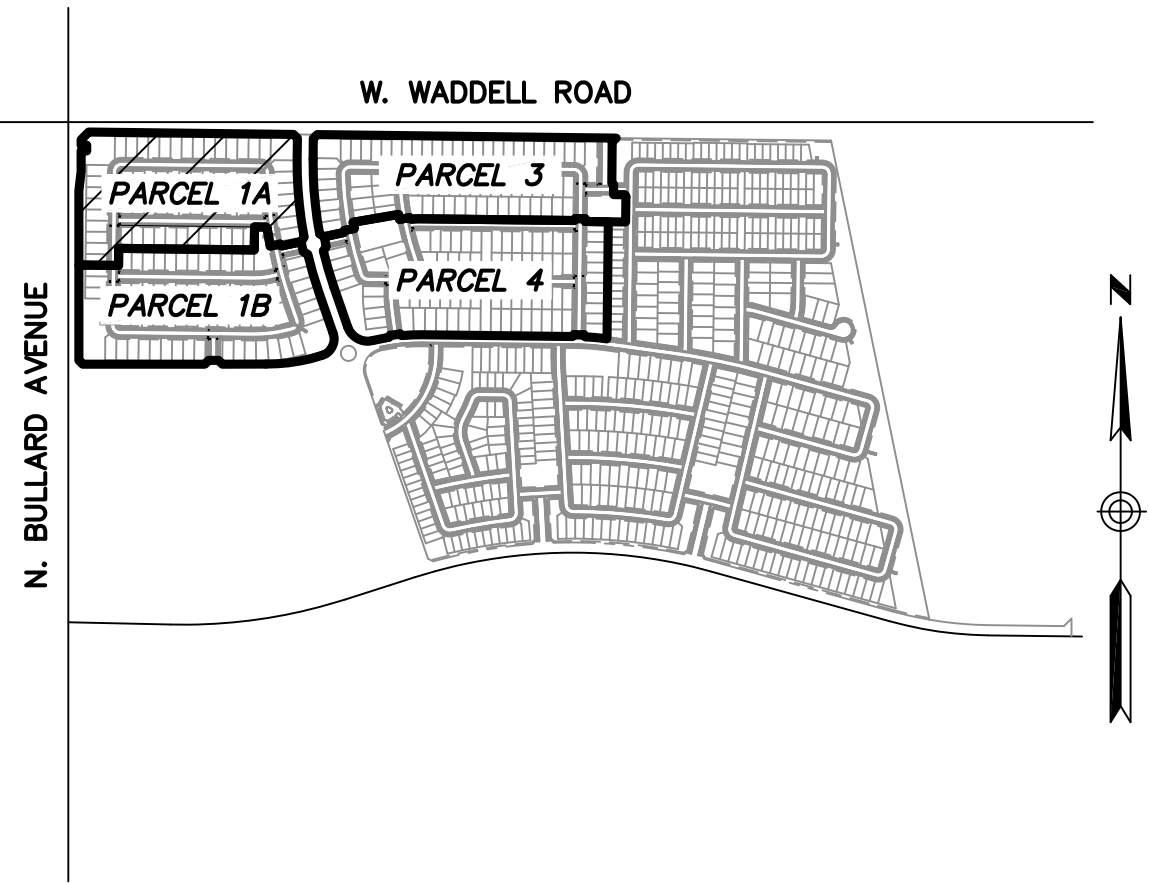
UTILITY COMPANY	CONTACT	CONTACT METHOD	DATE SIGNED
ARIZONA PUBLIC SERVICE	CLAUDIO RIOS	623-975-8505	9/11/17
COX COMMUNICATIONS	DAN DISCHINGER	623-328-4178	9/11/17
CENTURY LINK	RONJEAN GRANT-SLOAN	480-768-4294	9/11/17
SOUTHWEST GAS	ANGELICA ONTIVEROS	602-484-5345	9/11/17

STREET LIGHTING PLANS
FOR
HOMESTEAD AT MARLEY PARK PHASE 4&5
PARCEL 1A

A PORTION OF THE NORTHWEST QUARTER OF SECTION 16, TOWNSHIP 3 NORTH, RANGE 1 WEST OF THE
GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, CITY OF SURPRISE, ARIZONA



KEY MAP
NTS



VICINITY MAP
NTS

SHEET INDEX

SHEET	DESCRIPTION
SL1	STREET LIGHTING COVER SHEET
SL2	STREET LIGHTING PLAN VIEW
SL3	STREET LIGHTING DETAILS
P1	TYPICAL STREET PHOTOMETRICS

LEGEND & QUANTITIES LIST

QTY	SYMBOL	DESCRIPTION
14		41W LED (4,800 LUMENS) STREET LIGHT

CITY OF SURPRISE SIGNATURE BLOCK

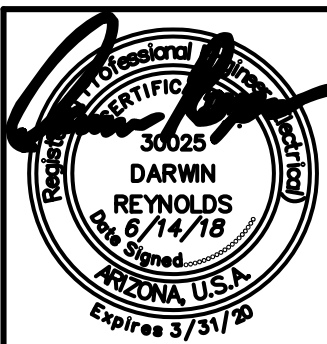
THIS SET OF PLANS HAS BEEN REVIEWED FOR COMPLIANCE WITH CITY REQUIREMENTS PRIOR TO ISSUANCE OF PERMITS. THE CITY NEITHER ACCEPTS NOR ASSUMES ANY LIABILITY FOR ERRORS OR OMISSIONS. THIS COMPLIANCE APPROVAL SHALL NOT PREVENT THE CITY ENGINEER FROM REQUIRING CORRECTIONS OF ERRORS OR OMISSIONS IN PLANS FOUND TO BE IN VIOLATION OF LAW OR ORDINANCES.

APPROVED _____
CITY OF SURPRISE ENGINEER

DATE

SLID#

CALL TWO WORKING DAYS
BEFORE YOU DIG
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)



DARCOR
ELECTRICAL CONSULTING ENGINEERS
7600 N. 16TH ST.
SUITE 212
PHOENIX, AZ 85020
Ph: (602) 795-2699
WWW.DARCORINC.COM

PROJECT TITLE
**HOMESTEAD AT MARLEY PARK -
PARCEL 1A SURPRISE, ARIZONA**

SHEET TITLE
**STREET LIGHTING
COVER SHEET**

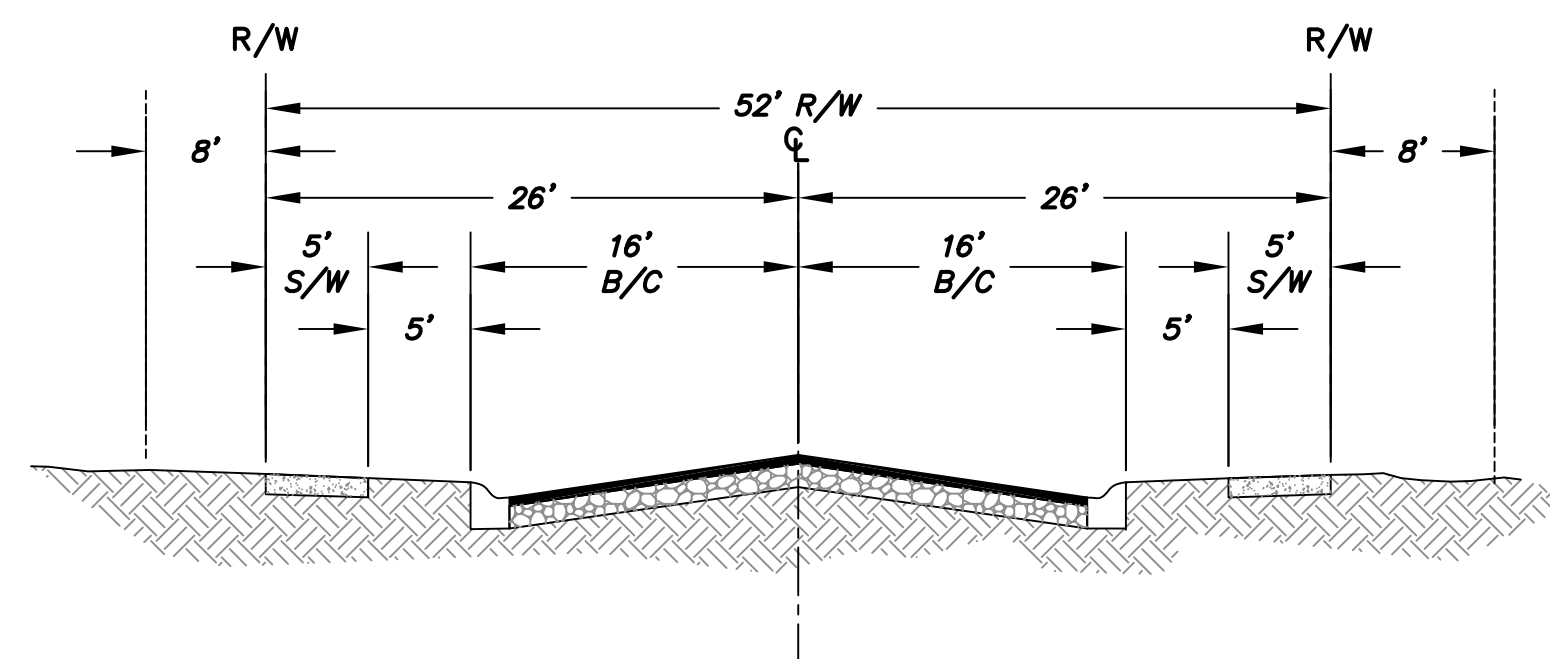
DATE JUN 2018	DESIGNED: DAR	DWG No. SL1	SHEET 1
SCALE N/A	DRAWN: BPR	PROJ No. 18001	OF 3
	CHECKED: DAR		

Save: Jun 14, 2018 File: 18001-1A-SL2.dwg Drafter: Brandon Rickard

W. WADDELL ROAD



NOTE: ALL STREET LIGHTS TO BE 1' CLEAR OF SIDEWALKS



LOCAL STREET WITH ON-STREET PARKING--
LOOKING NORTH OR EAST
N.T.S.



0 40 80 120
SCALE IN FEET

KEY NOTE

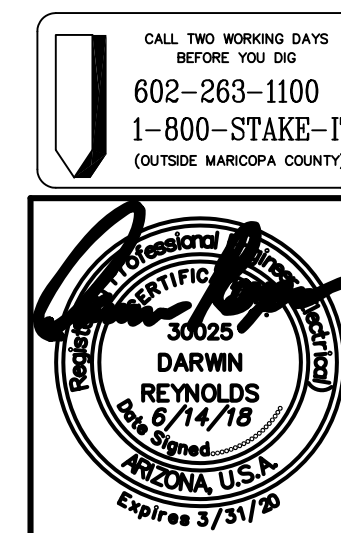
- ① INSTALL 41W, 3000K LED (4,800 LUMENS) BRONZE COBRAHEAD LUMINAIRE MOUNTED ON A 30'-6" DIRECT BURIED SQUARE STEEL POLE WITH A 2'-0" MAST ARM (25' MOUNTING HEIGHT). SEE APS STANDARD DETAIL 8030 AND APPLICABLE APS DETAILS ON SHEET SL3.

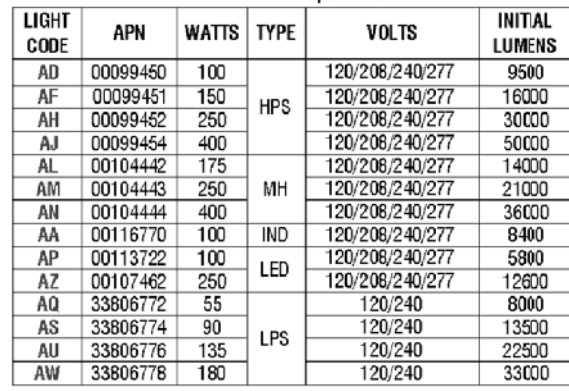
DARCOR
ELECTRICAL CONSULTING ENGINEERS
7800 N. 16TH ST.
SUITE 212
PHOENIX, AZ 85020
Ph: (602) 795-2899
WWW.DARCORINC.COM

PROJECT TITLE
**HOMESTEAD AT MARLEY PARK -
PARCEL 1A SURPRISE, ARIZONA**

SHEET TITLE
**STREET LIGHTING
PLAN VIEW**

DATE JUN 2018	DESIGNED: DAR	DWG No. SL2	SHEET 2 OF 3
SCALE AS SHOWN	CHECKED: DAR	PROJ No. 18001	

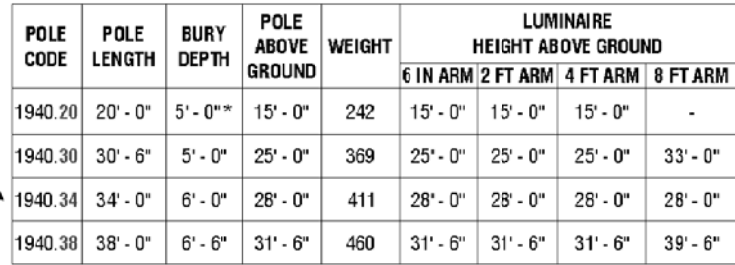




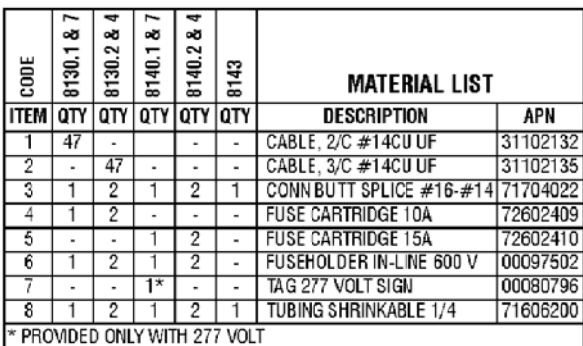
POLE CODE	POLE LENGHT	BURY DEPTH	POLE ABOVE GROUND	LUMINAIRE HEIGHT ABOVE GROUND			
				6IN ARM	2FT ARM	4FT ARM	8FT ARM
1940 20	20'-0"	5'-0"	15'-0"	15'-0"	15'-0"	15'-0"	---
1940 30	30'-6"	5'-0"	25'-0"	25'-0"	25'-0"	25'-0"	33'-0"
1940 34	34'-0"	6'-0"	28'-0"	28'-0"	28'-0"	28'-0"	39'-6"
1940 38	38'-0"	6'-8"	31'-6"	31'-6"	31'-6"	31'-6"	39'-6"

MATERIAL LIST

LIGHTS
ARCHITECTURAL ON
DOWN PAINTED STEEL POLE
DIRECT BURY

SH 1 OF

POLES



LIGHTS

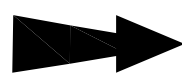
Professional Engineer
 CERTIFICATE
 30025
 DARWIN
 REYNOLDS
 Date Signed 6/14/18
 ARIZONA, U.S.A.
 Expires 3/31/20

 **DARCOR**
ELECTRICAL CONSULTING ENGINEERS

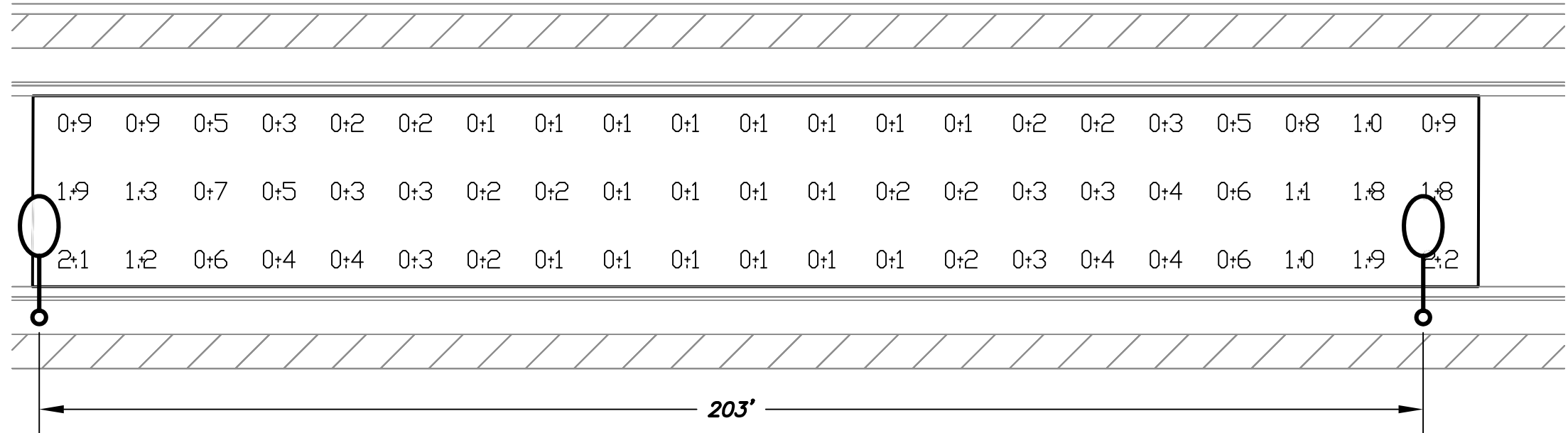
7600 N. 16TH ST.
SUITE 212
PHOENIX, AZ 85020
Ph: (602) 795-2699
WWW.DARCORINC.COM

Saved: Jun 14, 2018 File: 18001-1A-P1.dwg Drafter: Brandon Rickard

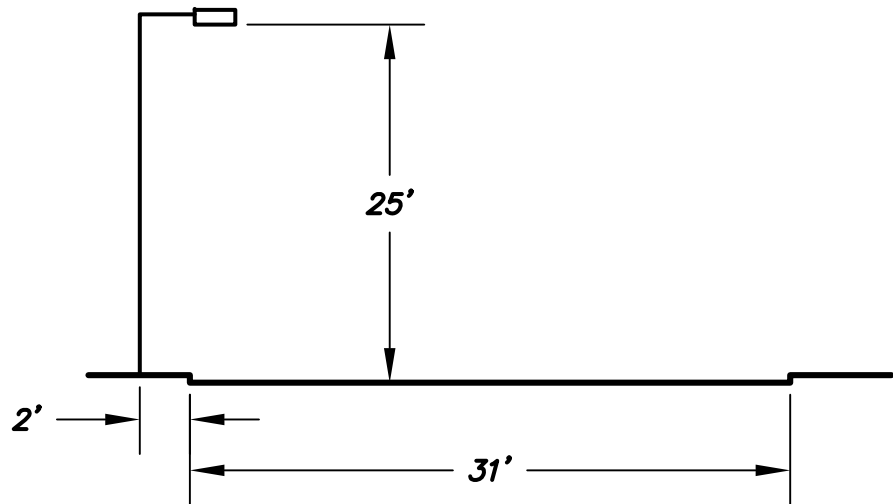
APS APPROVED LED STREET LIGHTS								
AS OF 3-15-18								
APN	LIGHT CODE	LAMP	WATTS	LUMENS	CCT	COLOR	G.E. MODEL NUMBER	IES CURVE NUMBER
141047	RL41	LED	32	3,800	3000K	DK BRONZE	ERL1004B130ADKBZGRX	ERL1_04B130-120-277V.IES
141048	RL41	LED	41	4,800	3000K	DK BRONZE	ERL1005E130ADKBZGRX	ERL1_05E130-120-277V.IES
141049	RL42	LED	88	8,200	3000K	DK BRONZE	ERL1008E130ADKBZGRX	ERL1_08E130.IES
141050	RL43	LED	108	11,100	3000K	DK BRONZE	ERLH011E130ADKBZGRX	ERLH_11E130.IES
141040	CL50	LED	32	3,800	3000K	GRAY	ERL1004B130AGRAYGRX	ERL1_04B130-120-277V.IES
141041	CL51	LED	41	4,800	3000K	GRAY	ERL1005E130AGRAYGRX	ERL1_05E130-120-277V.IES
141043	CL52	LED	88	8,200	3000K	GRAY	ERL1008E130AGRAYGRX	ERL1_08E130.IES
141045	CL53	LED	108	11,100	3000K	GRAY	ERLH011E130AGRAYGRX	ERLH_11E130.IES
128251	RL50	LED	32	3,900	4000K	DK BRONZE	ERL1004B140ADKBZGRX	ERL1_04B140-120-277V.IES
126804	RL51	LED	41	5,000	4000K	DK BRONZE	ERL1005E140ADKBZGRX	ERL1_05E140-120-277V.IES
126805	RL52	LED	88	8,500	4000K	DK BRONZE	ERL1008E140ADKBZGRX	ERL1_08E140.IES
	RL53	LED	108	11,500	4000K	DK BRONZE	ERLH011E140ADKBZGRX	ERLH_11E140.IES
128329	CL60	LED	32	3,900	4000K	GRAY	ERL1004B140AGRAYGRX	ERL1_04B140-120-277V.IES
128330	CL61	LED	41	5,000	4000K	GRAY	ERL1005E140AGRAYGRX	ERL1_05E140-120-277V.IES
128331	CL62	LED	88	8,500	4000K	GRAY	ERL1008E140AGRAYGRX	ERL1_08E140.IES
128332	CL63	LED	108	11,500	4000K	GRAY	ERLH011E140AGRAYGRX	ERLH_11E140.IES



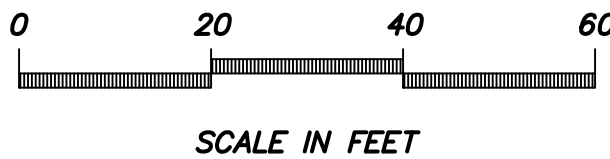
ROADWAY LOCAL	
63 points at z=0, sp 10ft by 10ft	
HORIZONTAL FOOTCANDLES	
Average	0.52
Maximum	2.20
Minimum	0.10
AvgMin	5.20
Max:Min	22.0
Coef Var	1.07
UnifGrad	2.12



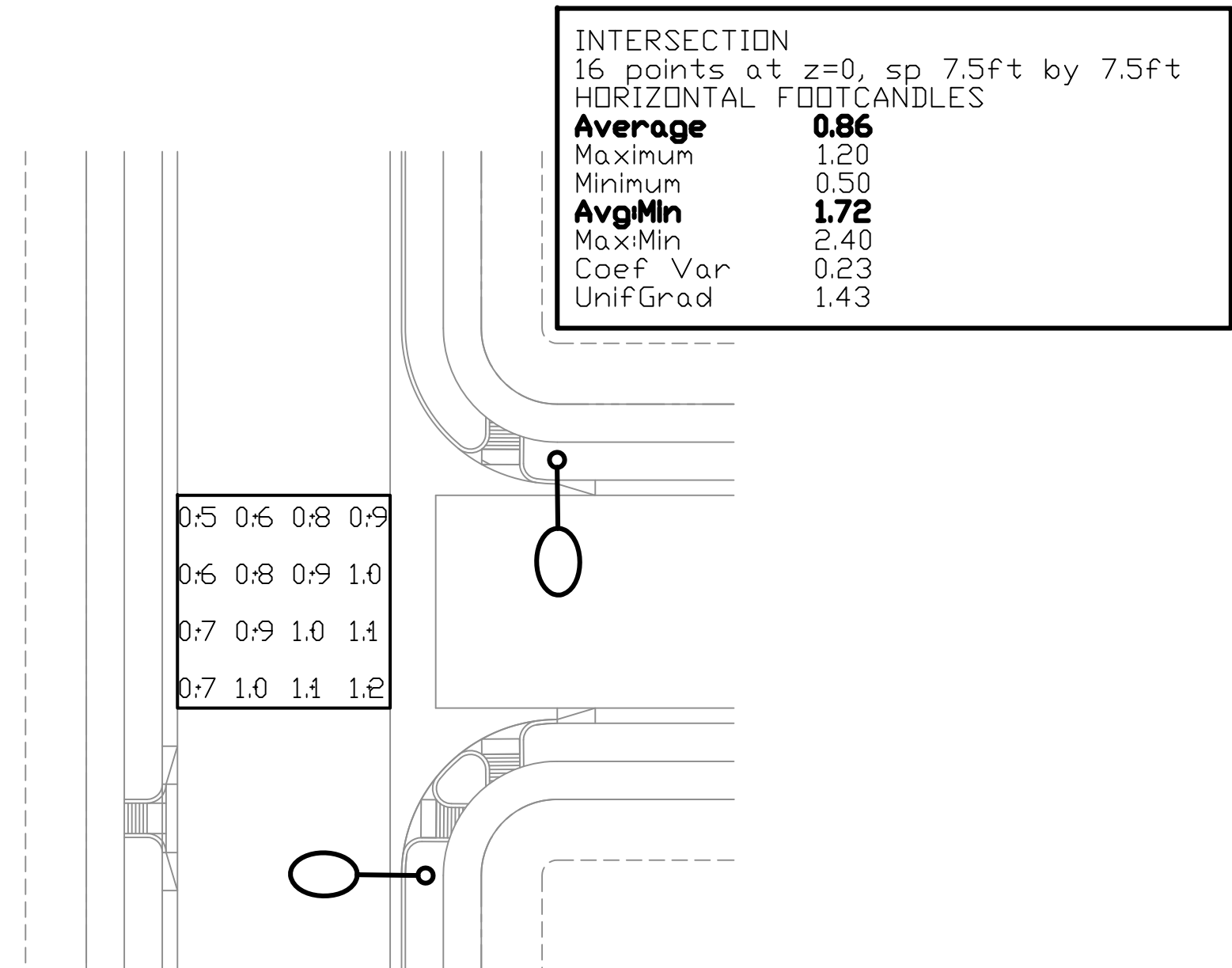
WORST CASE SPACING FOR 31' WIDE ROADWAY
(LOCAL) (41W) (25' H)



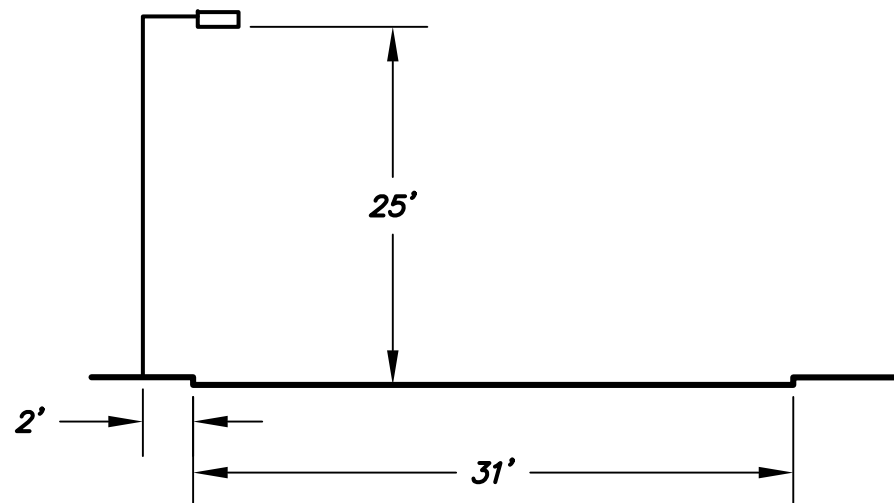
LUMINAIRE INPUT DATA	
GE Lighting Solutions	
lamp(s):	LED
candela file	'ERL1_05E130-120-277V.IES'
1 lamp(s) per luminaire,	4,800 initial lumens per lamp
Light Loss Factor = 0.9,	watts per luminaire = 41
Outreach (from mounting axis to photometric center)=	30 in
mounting height=	25 ft



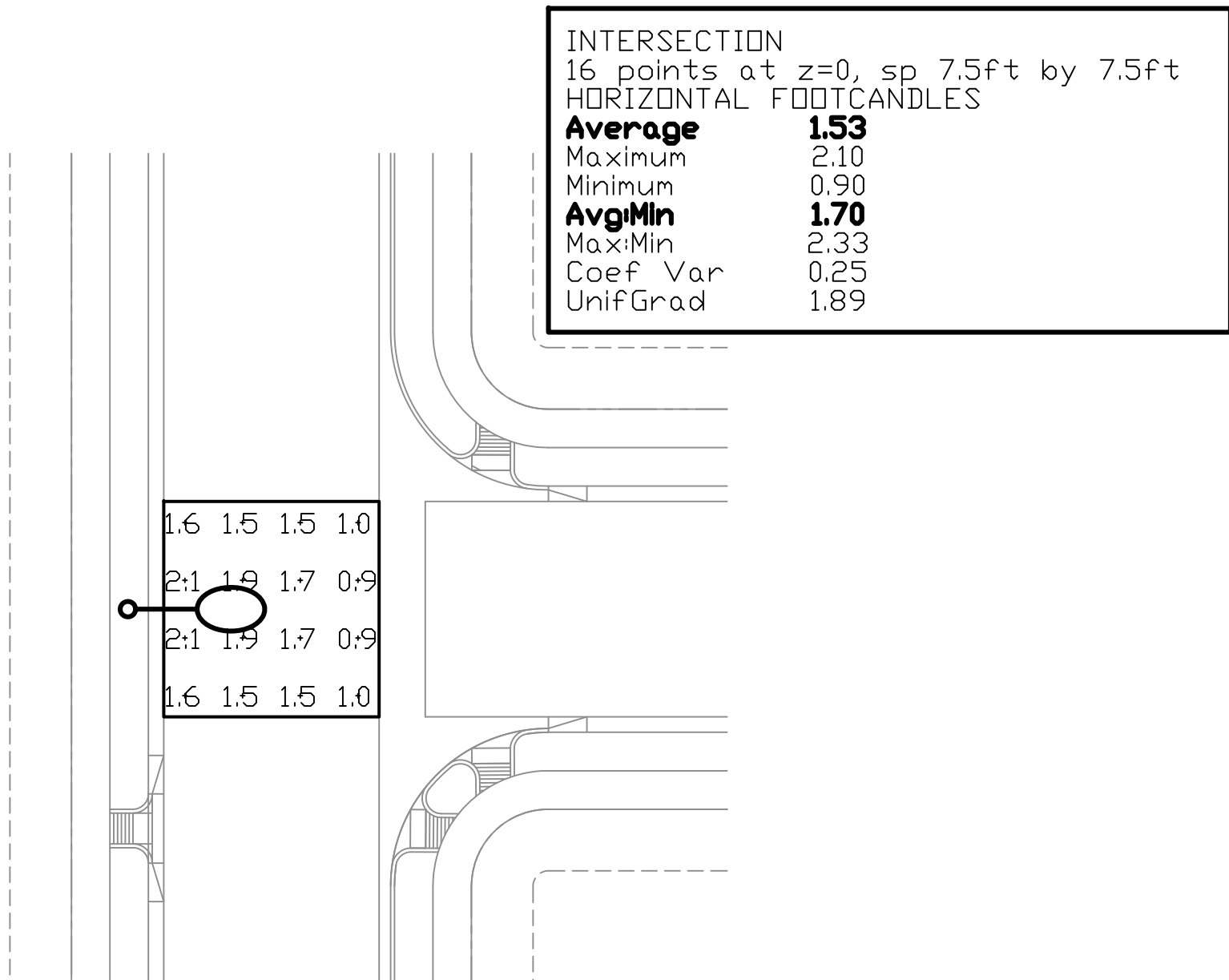
ALL PHOTOMETRIC CALCULATIONS ON THESE
PLANS REPRESENT ILLUMINANCE VALUES



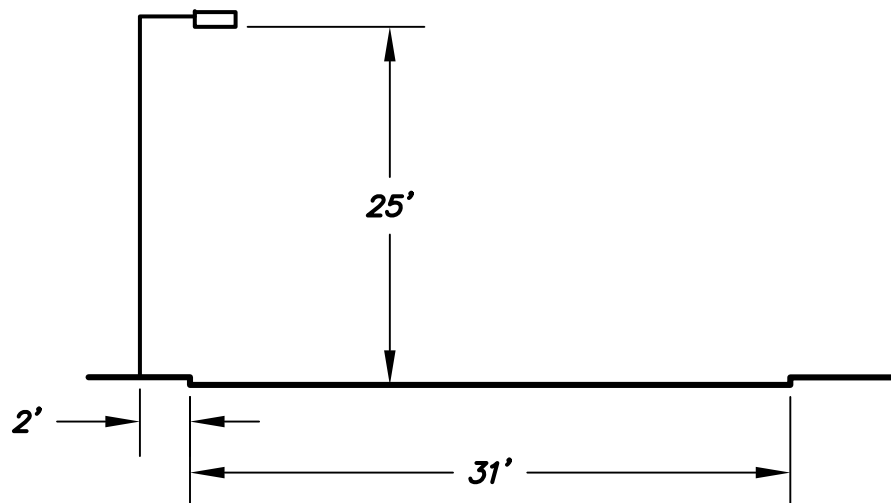
TYPICAL LOCAL/LOCAL ROADWAY INTERSECTION
(LOCAL) (41W) (25' H) (TWO LIGHTS)



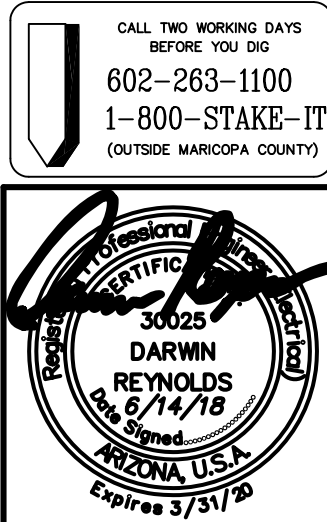
LUMINAIRE INPUT DATA	
GE Lighting Solutions	
lamp(s):	LED
candela file	'ERL1_05E130-120-277V.IES'
1 lamp(s) per luminaire,	4,800 initial lumens per lamp
Light Loss Factor = 0.9,	watts per luminaire = 41
Outreach (from mounting axis to photometric center)=	30 in
mounting height=	25 ft



TYPICAL LOCAL/LOCAL ROADWAY INTERSECTION
(LOCAL) (41W) (25' H) (ONE LIGHT)



LUMINAIRE INPUT DATA	
GE Lighting Solutions	
lamp(s):	LED
candela file	'ERL1_05E130-120-277V.IES'
1 lamp(s) per luminaire,	4,800 initial lumens per lamp
Light Loss Factor = 0.9,	watts per luminaire = 41
Outreach (from mounting axis to photometric center)=	30 in
mounting height=	25 ft



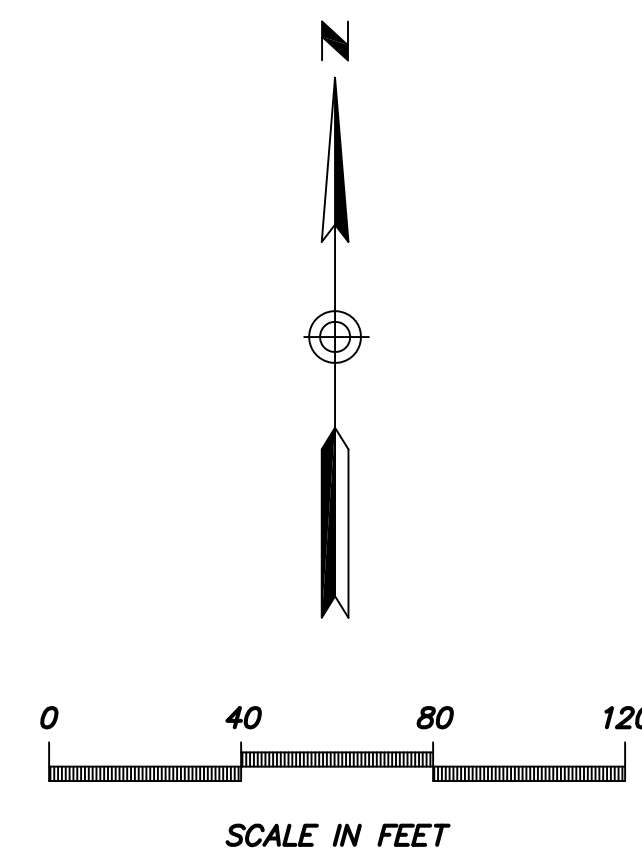
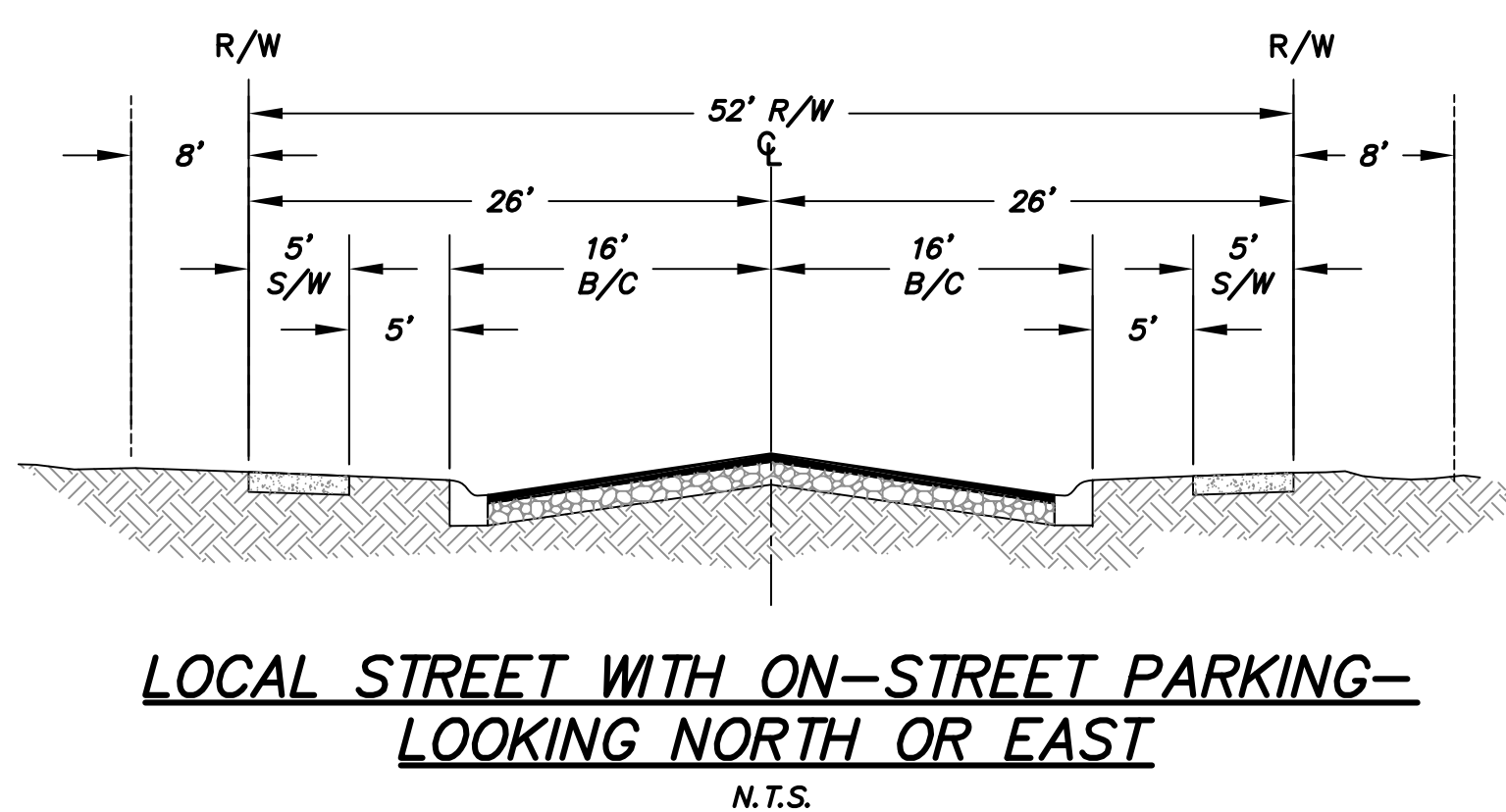
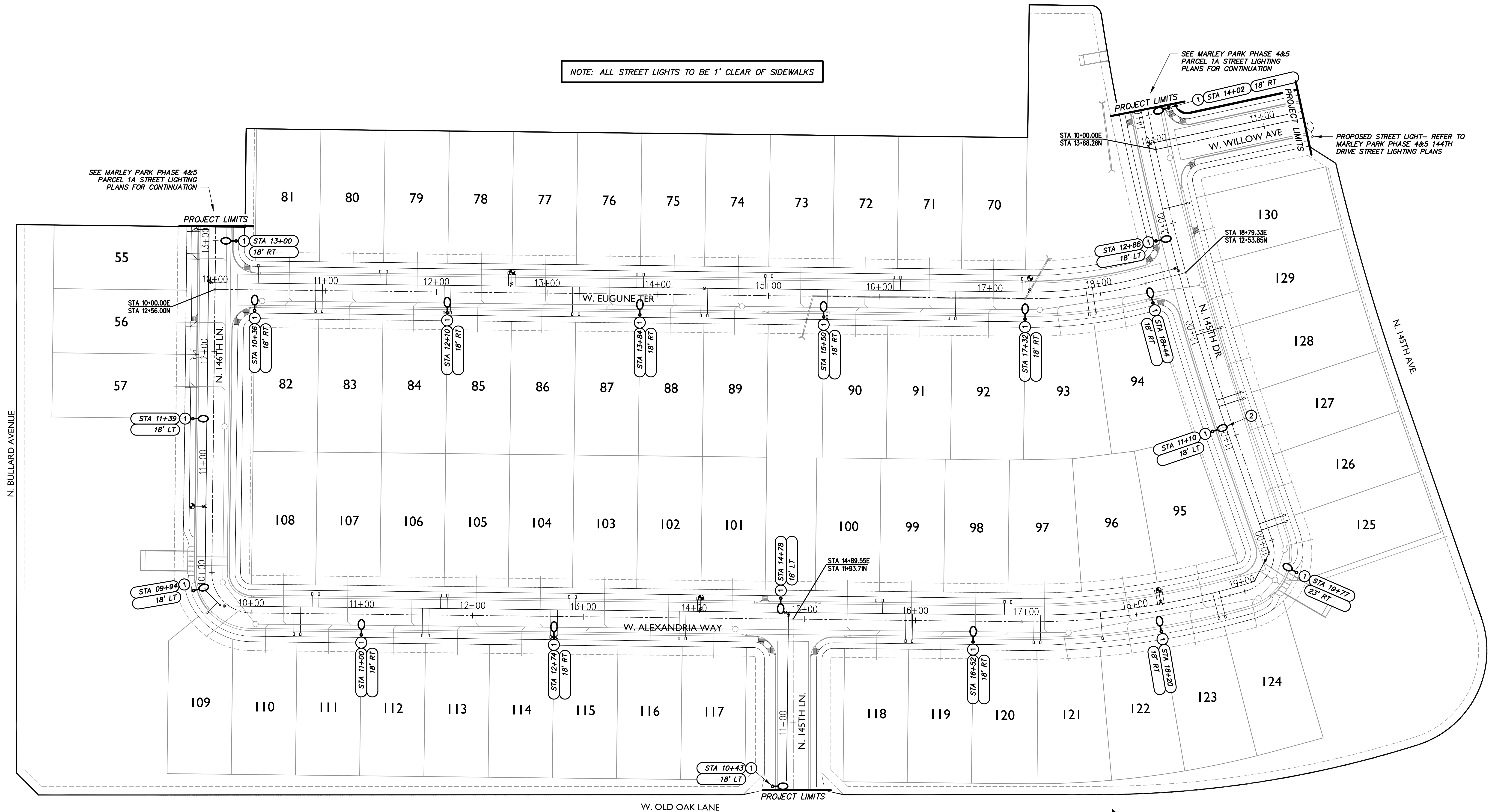
DARCOR
ELECTRICAL CONSULTING ENGINEERS
7800 N. 16TH ST.
SUITE 212
PHOENIX, AZ 85020
Ph: (602) 795-2699
WWW.DARCORINC.COM

PROJECT TITLE
**HOMESTEAD AT MARLEY PARK -
PARCEL 1A SURPRISE, ARIZONA**

SHEET TITLE
**ROADWAY PHOTOMETRIC
CALCULATIONS**

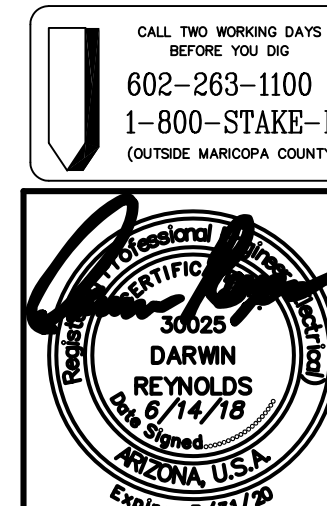
DATE JUN 2018	DESIGNED: DAR	DWG No. P1	SHEET 1 OF 1
SCALE N/A	DRAWN: BPR	PROJ No. 18001	
	CHECKED: DAR		

NOTE: ALL STREET LIGHTS TO BE 1' CLEAR OF SIDEWALKS

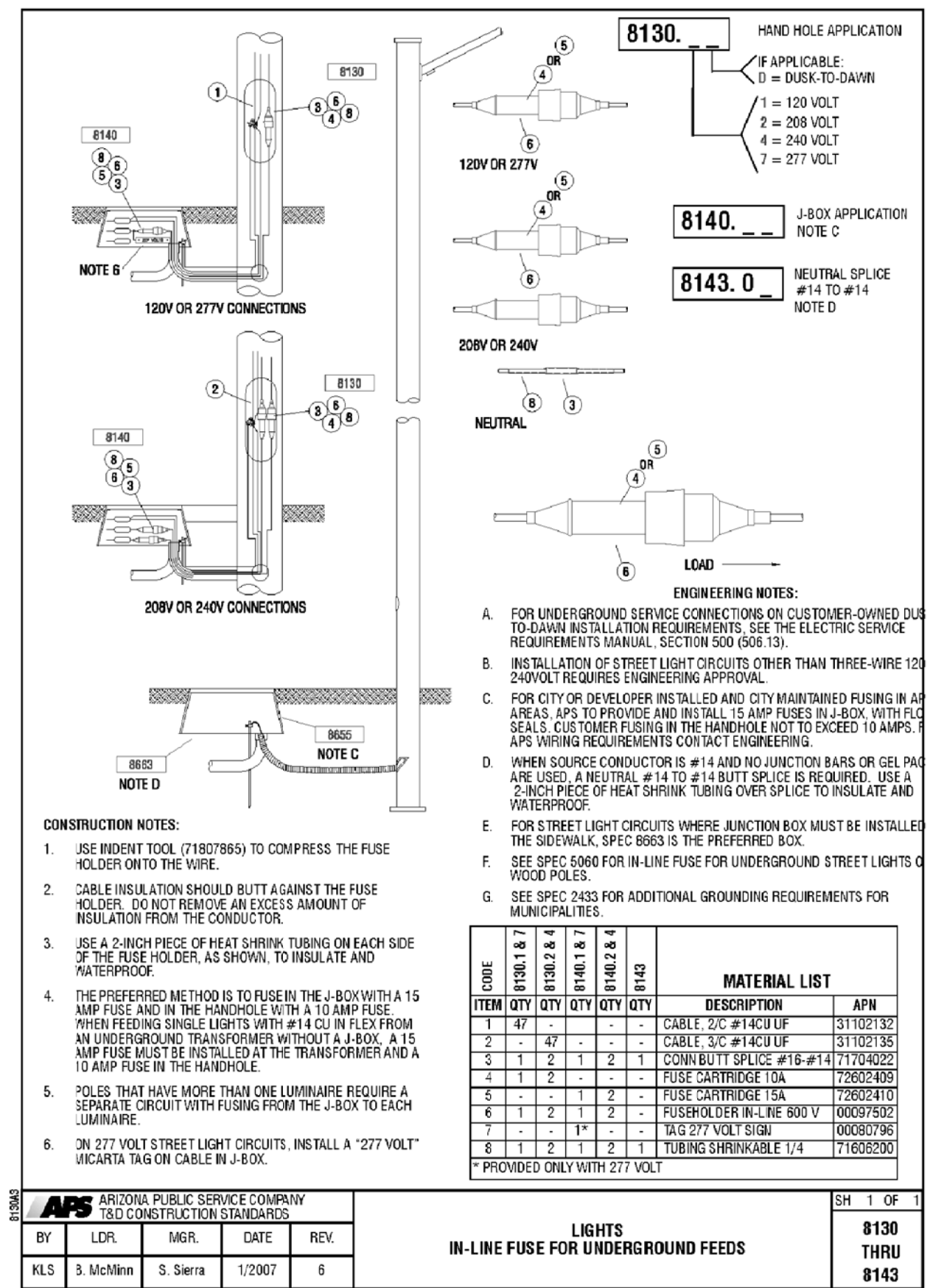
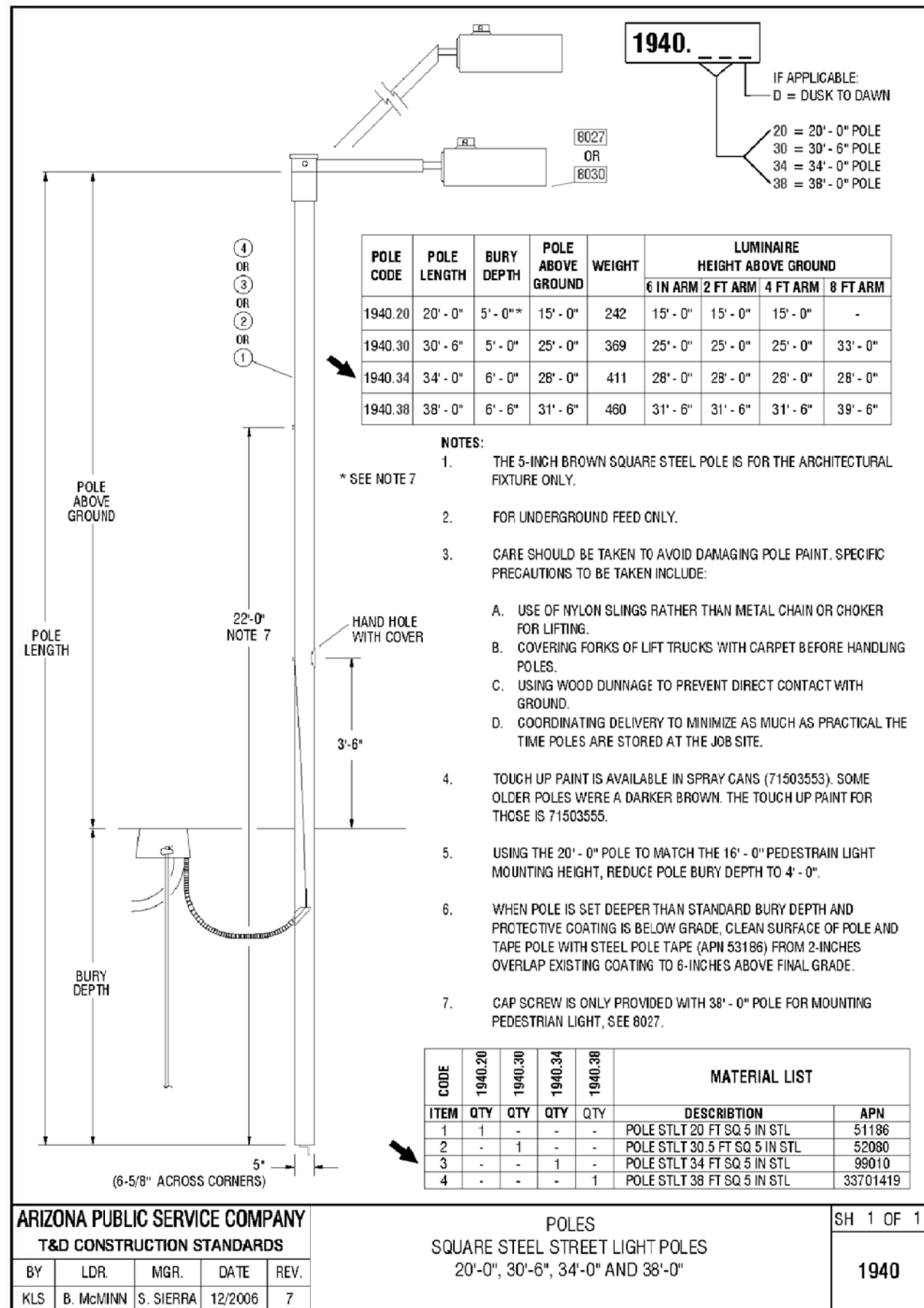
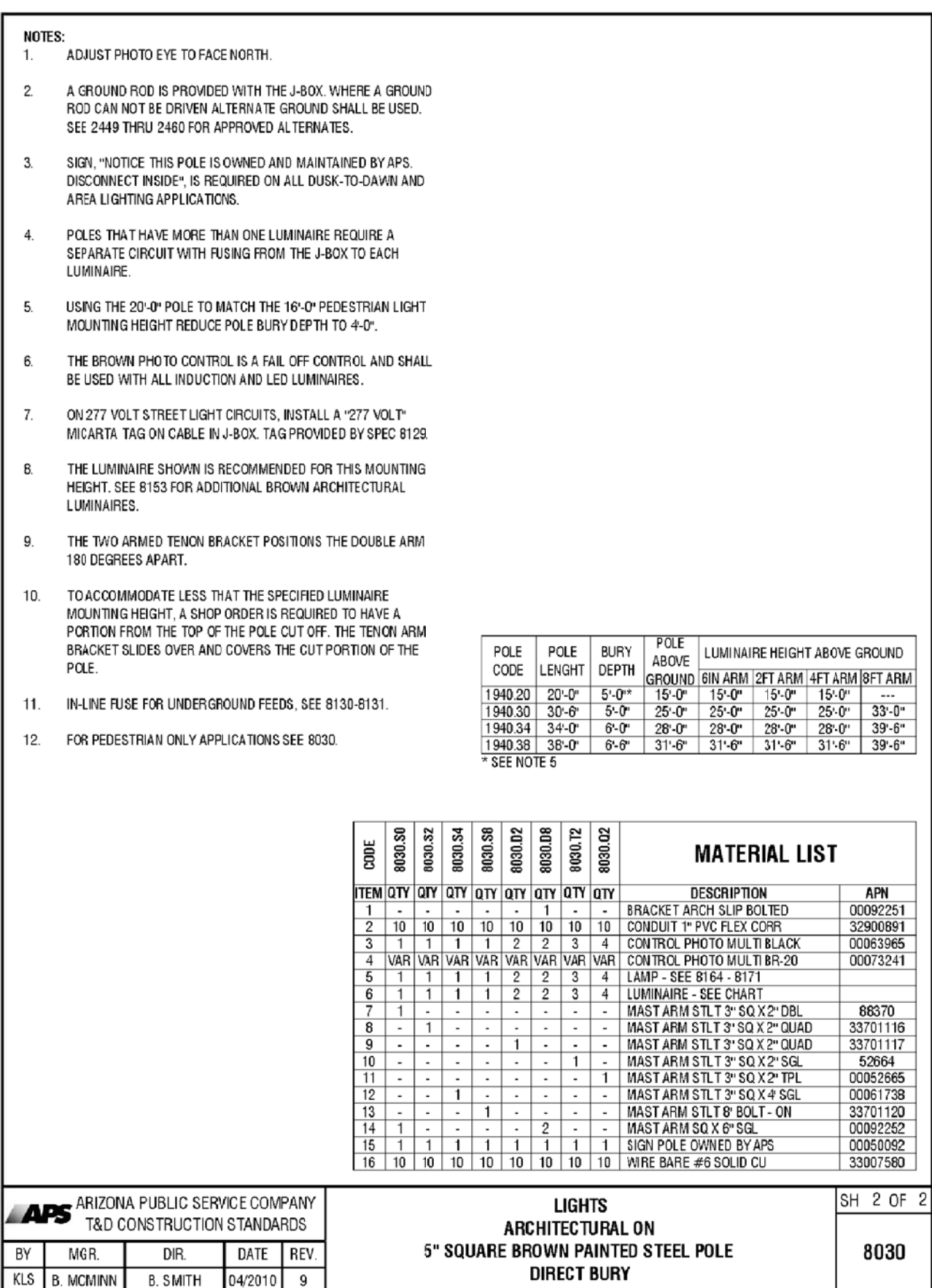
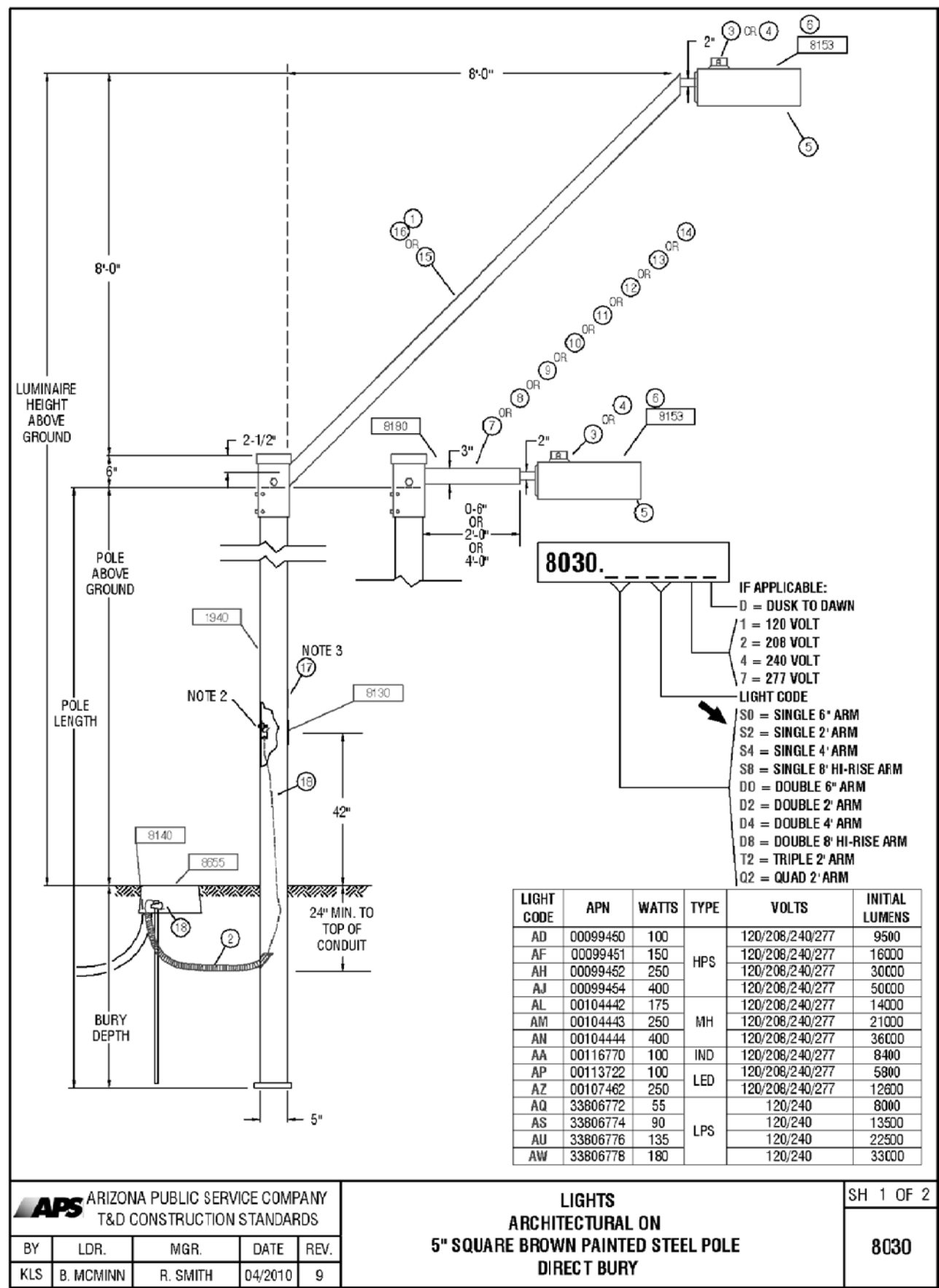


KEY NOTE

1. INSTALL 41W, 3000K LED (4,800 LUMENS) BRONZE COBRAHEAD LUMINAIRE MOUNTED ON A 30'-6" DIRECT BURIED SQUARE STEEL POLE WITH A 2'-0" MAST ARM (25' MOUNTING HEIGHT). SEE APS STANDARD DETAIL 8030 AND APPLICABLE APS DETAILS ON SHEET SL3.
2. LUMINAIRE TO INCLUDE AN APPROVED APS HOUSE-SIDE SHIELD.

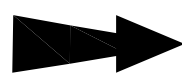


DARCOR ELECTRICAL CONSULTING ENGINEERS		7800 N. 16TH ST. SUITE 212 PHOENIX, AZ 85020 Ph: (602) 795-2899 WWW.DARCORINC.COM	
PROJECT TITLE HOMESTEAD AT MARLEY PARK - PARCEL 1B SURPRISE, ARIZONA			
SHEET TITLE STREET LIGHTING PLAN VIEW			
DATE JUN 2018	DESIGNED: DAR	DWG No. SL2	SHEET 2
SCALE AS SHOWN	DRAWN: BPR	PROJ No. 18001	OF 3
CHECKED: DAR			

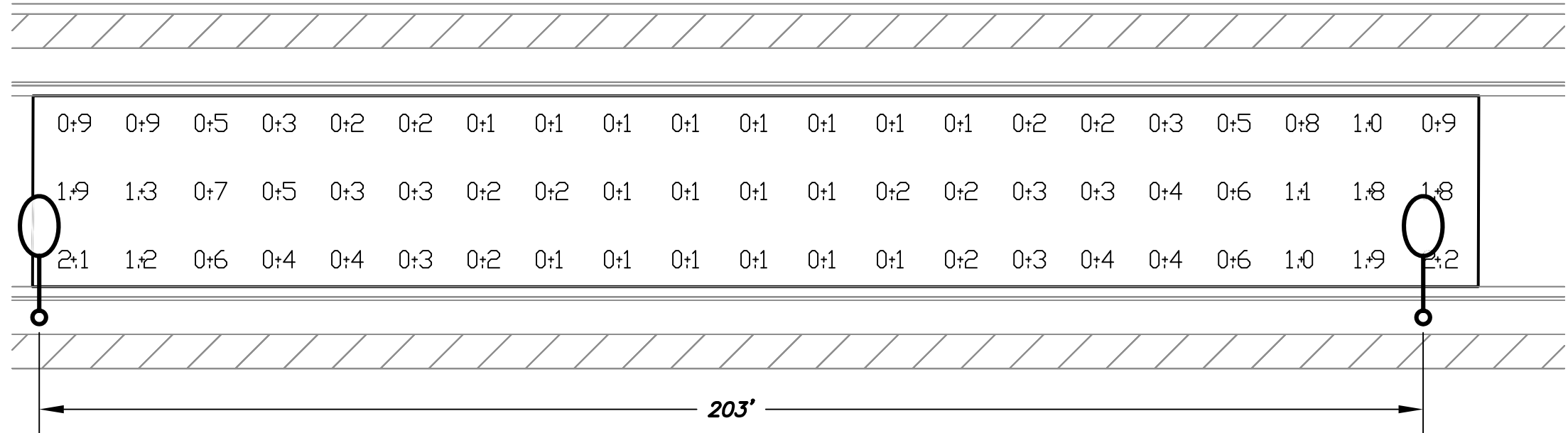


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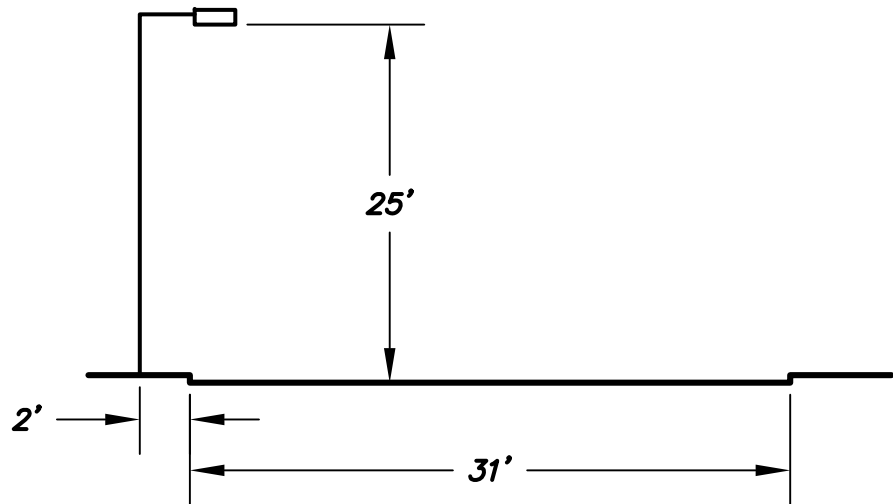
APS APPROVED LED STREET LIGHTS								
AS OF 3-15-18								
APN	LIGHT CODE	LAMP	WATTS	LUMENS	CCT	COLOR	G.E. MODEL NUMBER	IES CURVE NUMBER
141047	RL41	LED	32	3,800	3000K	DK BRONZE	ERL1004B130ADKBZGRX	ERL1_04B130-120-277V.IES
141048	RL41	LED	41	4,800	3000K	DK BRONZE	ERL1005E130ADKBZGRX	ERL1_05E130-120-277V.IES
141049	RL42	LED	88	8,200	3000K	DK BRONZE	ERL1008E130ADKBZGRX	ERL1_08E130.IES
141050	RL43	LED	108	11,100	3000K	DK BRONZE	ERLH011E130ADKBZGRX	ERLH_11E130.IES
141040	CL50	LED	32	3,800	3000K	GRAY	ERL1004B130AGRAYGRX	ERL1_04B130-120-277V.IES
141041	CL51	LED	41	4,800	3000K	GRAY	ERL1005E130AGRAYGRX	ERL1_05E130-120-277V.IES
141043	CL52	LED	88	8,200	3000K	GRAY	ERL1008E130AGRAYGRX	ERL1_08E130.IES
141045	CL53	LED	108	11,100	3000K	GRAY	ERLH011E130AGRAYGRX	ERLH_11E130.IES
128251	RL50	LED	32	3,900	4000K	DK BRONZE	ERL1004B140ADKBZGRX	ERL1_04B140-120-277V.IES
126804	RL51	LED	41	5,000	4000K	DK BRONZE	ERL1005E140ADKBZGRX	ERL1_05E140-120-277V.IES
126805	RL52	LED	88	8,500	4000K	DK BRONZE	ERL1008E140ADKBZGRX	ERL1_08E140.IES
	RL53	LED	108	11,500	4000K	DK BRONZE	ERLH011E140ADKBZGRX	ERLH_11E140.IES
128329	CL60	LED	32	3,900	4000K	GRAY	ERL1004B140AGRAYGRX	ERL1_04B140-120-277V.IES
128330	CL61	LED	41	5,000	4000K	GRAY	ERL1005E140AGRAYGRX	ERL1_05E140-120-277V.IES
128331	CL62	LED	88	8,500	4000K	GRAY	ERL1008E140AGRAYGRX	ERL1_08E140.IES
128332	CL63	LED	108	11,500	4000K	GRAY	ERLH011E140AGRAYGRX	ERLH_11E140.IES



ROADWAY LOCAL	
63 points at z=0, sp 10ft by 10ft	
HORIZONTAL FOOTCANDLES	
Average	0.52
Maximum	2.20
Minimum	0.10
AvgMin	5.20
Max:Min	22.0
Coef Var	1.07
UnifGrad	2.12



WORST CASE SPACING FOR 31' WIDE ROADWAY
(LOCAL) (41W) (25' H)

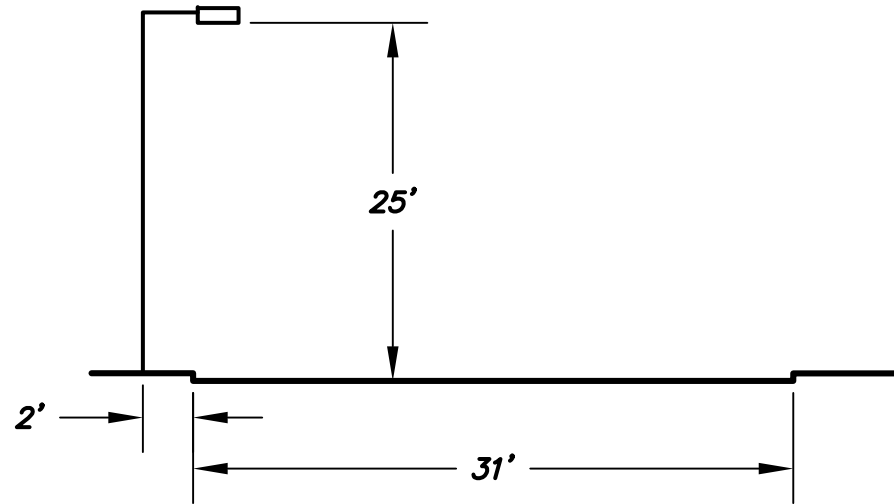


LUMINAIRE INPUT DATA	
GE Lighting Solutions	
lamp(s):	LED
candela file	'ERL1_05E130-120-277V.IES'
1 lamp(s) per luminaire,	4,800 initial lumens per lamp
Light Loss Factor =	0.9, watts per luminaire = 41
Outreach (from mounting axis to photometric center)=	30 in
mounting height=	25 ft



ALL PHOTOMETRIC CALCULATIONS ON THESE
PLANS REPRESENT ILLUMINANCE VALUES

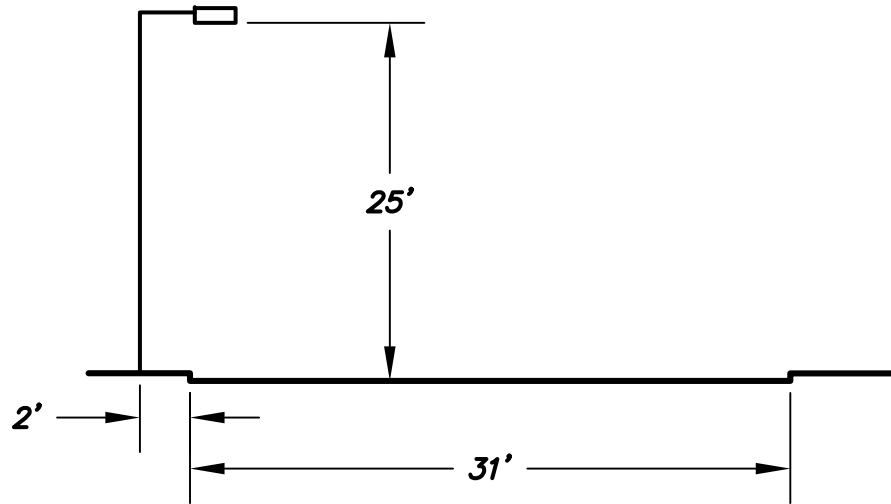
TYPICAL LOCAL/LOCAL ROADWAY INTERSECTION
(LOCAL) (41W) (25' H) (TWO LIGHTS)



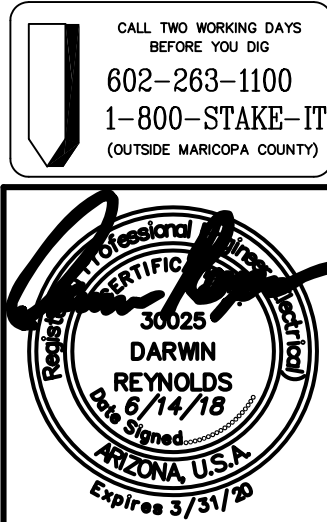
LUMINAIRE INPUT DATA	
GE Lighting Solutions	
lamp(s):	LED
candela file	'ERL1_05E130-120-277V.IES'
1 lamp(s) per luminaire,	4,800 initial lumens per lamp
Light Loss Factor =	0.9, watts per luminaire = 41
Outreach (from mounting axis to photometric center)=	30 in
mounting height=	25 ft



TYPICAL LOCAL/LOCAL ROADWAY INTERSECTION
(LOCAL) (41W) (25' H) (ONE LIGHT)



LUMINAIRE INPUT DATA	
GE Lighting Solutions	
lamp(s):	LED
candela file	'ERL1_05E130-120-277V.IES'
1 lamp(s) per luminaire,	4,800 initial lumens per lamp
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		7800 N. 16TH ST. SUITE 212 PHOENIX, AZ 85020 Ph: (602) 795-2699 WWW.DARCORINC.COM	
PROJECT TITLE HOMESTEAD AT MARLEY PARK - PARCEL 1B SURPRISE, ARIZONA			
SHEET TITLE ROADWAY PHOTOMETRIC CALCULATIONS			
DATE JUN 2018	DESIGNED: DAR	DWG No. P1	SHEET 1 OF 1
SCALE N/A	DRAWN: BPR CHECKED: DAR	PROJ No. 18001	

STREET LIGHTING PLANS
FOR
HOMESTEAD AT MARLEY PARK PHASE 4&5
PARCEL 3

A PORTION OF THE NORTHWEST QUARTER OF SECTION 16, TOWNSHIP 3 NORTH, RANGE 1 WEST OF THE
GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, CITY OF SURPRISE, ARIZONA

DEVELOPER

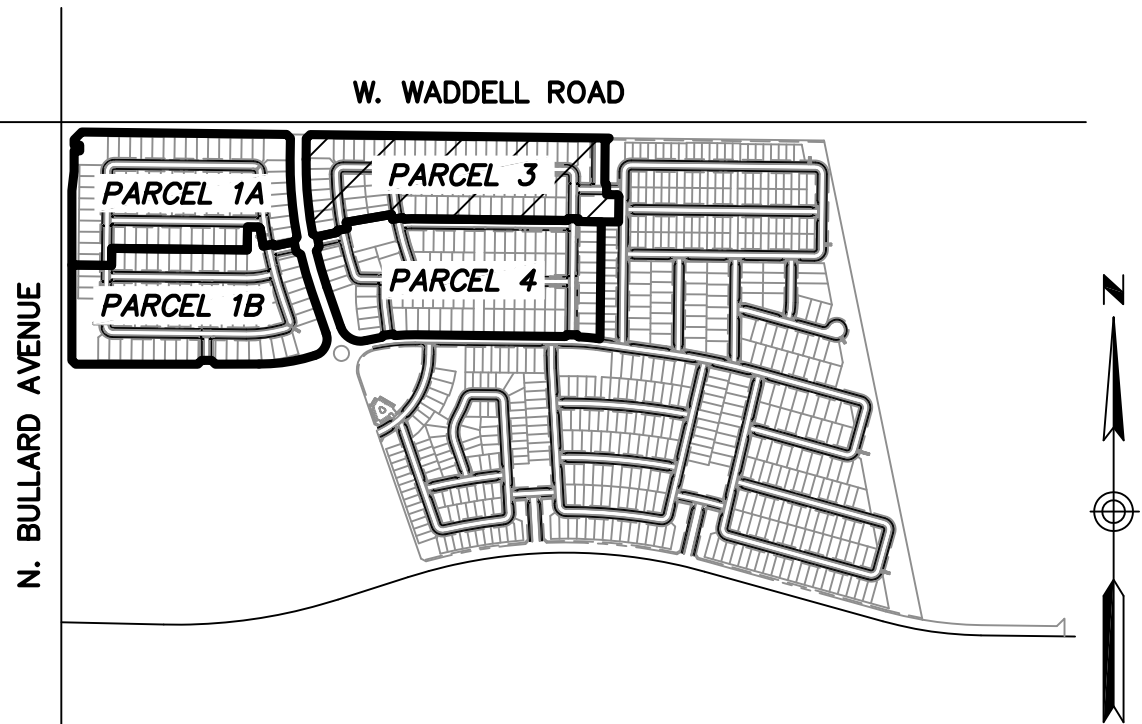
MERITAGE HOMES OF ARIZONA, INC.
8800 E. RAIN TREE DR., STE. 300
SCOTTSDALE, AZ 85260
PHONE: (480) 515-8251
CONTACT: JASON JARVIS

CIVIL ENGINEER

ENTELLUS, INC.
3033 N. 44TH STREET, STE 250
PHOENIX, ARIZONA 85018
PHONE: (602) 244-2566
CONTACT: MICHAEL R. GLEESON, P.E.

ELECTRICAL ENGINEER

DARCOR & ASSOCIATES
7800 N. 16TH STREET, STE 212
PHOENIX, AZ 85020
PHONE: (602) 795-2699
CONTACT: DARWIN REYNOLDS, P.E.



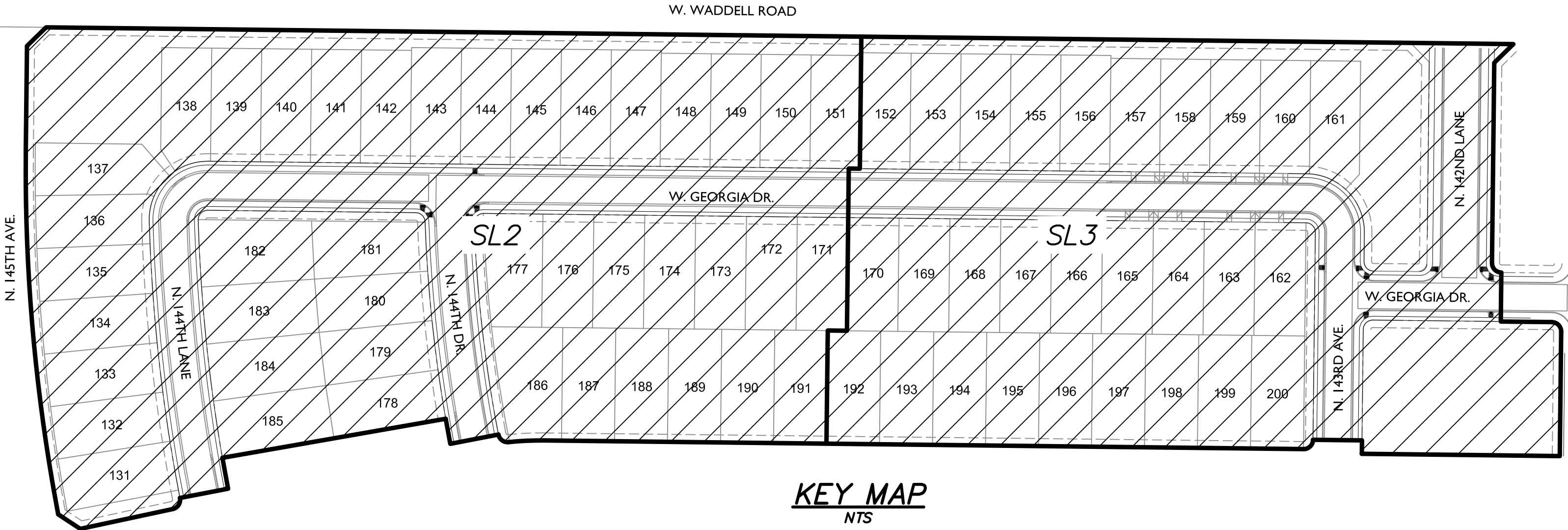
VICINITY MAP
NTS

THE ELECTRICAL / MAINTENANCE COSTS OF ALL STREET LIGHTS ON
LOCAL AND COLLECTOR STREETS (TYPICALLY THE 41 WATT / 4,800
LUMEN AND THE 88 WATT / 8,500 LUMEN FIXTURES) ARE TO BE PAID
BY THE ADJACENT PROJECT OR THE ADJACENT DEVELOPMENT'S
STREET LIGHT IMPROVEMENT DISTRICT (SLID)

LED TECHNOLOGY IS CHANGING RAPIDLY, THE FIXTURES SHOWN ON
THESE PLANS MAY NOT BE APPLICABLE AT TIME OF CONSTRUCTION.
CONTRACTOR TO COORDINATE WITH APS AND UTILIZE THEIR CURRENT
SPECIFICATION AT THE TIME OF BIDDING AND CONSTRUCTION.

CITY OF SURPRISE
GENERAL ENGINEERING NOTES

- ALL CONSTRUCTION MUST CONFORM TO MARICOPA ASSOCIATION OF GOVERNMENT (MAG) SPECIFICATIONS AND DETAILS AND LATEST REVISIONS UNLESS OTHERWISE STATED ON PLANS.
- THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND THEY WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL OVERHEAD AND UNDERGROUND UTILITY LOCATIONS WHERE CONSTRUCTION OCCURS. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT ALL UTILITIES ARE AVOIDED. UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND NOT FOR CONSTRUCTION PURPOSES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AND OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT ARIZONA UNDERGROUND FACILITIES LAWS (ARIZONA REVISED STATUTES TITLE 40, CHAPTER 2, ARTICLE 6.3, SECTION 40-360.21-32). CALL ARIZONA 811 FOR FIELD LOCATION BY DAIL 811.
- THE CITY OF SURPRISE ENGINEERING SERVICES OF PUBLIC WORKS SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK AT 623-222-6150.
- THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION OR VARIANCE FROM THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE PROPOSED AND RESUBMITTED FOR REVIEW AND APPROVAL.
- THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE DRAWING, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE. EXISTING SURFACE FEATURES AND FENCING SHALL BE REPLACED IN KIND.
- ANY INSPECTION BY THE CITY, COUNTY, OR THE ENGINEER, SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE APPLICABLE CODES AND AGENCY REQUIREMENTS.
- THE CONTRACTOR IS TO LOCATE ALL EXISTING LANDSCAPING, LANDSCAPING IRRIGATION LINES, PROPERTY MONUMENTS, FENCING OR SURFACE FEATURES PRIOR TO CONSTRUCTION. ANYTHING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
- NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
- ALL CONSTRUCTION WATER USED WITHIN THE CITY OF SURPRISE WATER SERVICE AREA REQUIRES APPROVAL BY THE CITY OF SURPRISE PUBLIC WORKS DEPARTMENT AND MAY BE SUBJECT TO VOLUME AND TIME RESTRICTIONS. PLEASE SEE THE CITY OF SURPRISE CONSTRUCTION WATER GUIDELINES FOR ADDITIONAL INFORMATION. THE GUIDELINES CAN BE OBTAINED FROM THE PUBLIC WORKS DEPARTMENT AT 623-222-6000.
- TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH MAG SPECIFICATION 401, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND THE "TEMPORARY WORK ZONE TRAFFIC MANAGEMENT POLICY" (LATEST EDITION).
- PRIOR TO FINAL APPROVAL AND ACCEPTANCE OF THE WORK, THE DEVELOPER/CONTRACTOR WILL BE REQUIRED TO CLEAN AND REPAIR ADJACENT (OFF-PROJECT) ROADWAYS USED OR DAMAGED DURING THE COURSE OF CONSTRUCTION.
- EMERGENCY VEHICLE ACCESS (E.V.A.) MUST BE PROVIDED BY THE DEVELOPER/CONTRACTOR THROUGHOUT THE PROJECT SITE. E.V.A. ROADS AND SIGNAGE SHALL BE MAINTAINED BY THE DEVELOPER/CONTRACTOR AT ALL TIMES. SIGNAGE SHALL BE POSTED AT THE POINT OF ENTRY TO THE SITE AND AT ALL LOCATIONS WHERE A CHANGE IN DIRECTION OCCURS.
- THE PLANS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT'S ACCESSIBILITY GUIDELINES, AS PUBLISHED IN THE FEDERAL REGISTER ON SEPTEMBER 15, 2010.



KEY MAP
NTS

SHEET INDEX

SHEET	DESCRIPTION
SL1	STREET LIGHTING COVER SHEET
SL2	STREET LIGHTING PLAN VIEW - I
SL3	STREET LIGHTING PLAN VIEW - II
SL4	STREET LIGHTING DETAILS
P1	TYPICAL STREET PHOTOMETRICS

LEGEND & QUANTITIES LIST

QTY	SYMBOL	DESCRIPTION
13		41W LED (4,800 LUMENS) STREET LIGHT
2		88W LED (8,500 LUMENS) STREET LIGHT

UTILITIES

THESE PLANS HAVE BEEN SUBMITTED TO THE FOLLOWING UTILITY COMPANIES FOR REVIEW OF ANY UTILITY CONFLICTS. IF ANY CONFLICTS ARISE DURING THE COURSE OF CONSTRUCTION FROM UNFORESEEN CIRCUMSTANCES, IT SHALL BE REPORTED TO THE APPROPRIATE UTILITY COMPANY AND BE RESOLVED BY THEM AND THE DESIGN ENGINEER.

UTILITY COMPANY	CONTACT	CONTACT METHOD	DATE SIGNED
ARIZONA PUBLIC SERVICE	CLAUDIO RIOS	623-975-8505	9/11/17
COX COMMUNICATIONS	DAN DISCHINGER	623-328-4178	9/11/17
CENTURY LINK	RONJEAN GRANT-SLOAN	480-768-4294	9/11/17
SOUTHWEST GAS	ANGELICA ONTIVEROS	602-484-5345	9/11/17

CITY OF SURPRISE SIGNATURE BLOCK

THIS SET OF PLANS HAS BEEN REVIEWED FOR COMPLIANCE WITH CITY REQUIREMENTS PRIOR TO ISSUANCE OF PERMITS. THE CITY NEITHER ACCEPTS NOR ASSUMES ANY LIABILITY FOR ERRORS OR OMISSIONS. THIS COMPLIANCE APPROVAL SHALL NOT PREVENT THE CITY ENGINEER FROM REQUIRING CORRECTIONS OF ERRORS OR OMISSIONS IN PLANS FOUND TO BE IN VIOLATION OF LAW OR ORDINANCES.

APPROVED _____
CITY OF SURPRISE ENGINEER

DATE _____

SLID# _____

DARCOR
ELECTRICAL CONSULTING ENGINEERS
7800 N. 16TH ST.
SUITE 212
PHOENIX, AZ 85020
Ph: (602) 795-2699
WWW.DARCORINC.COM

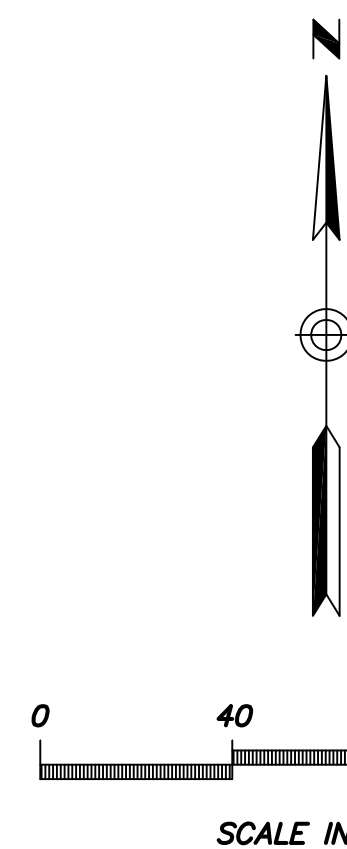
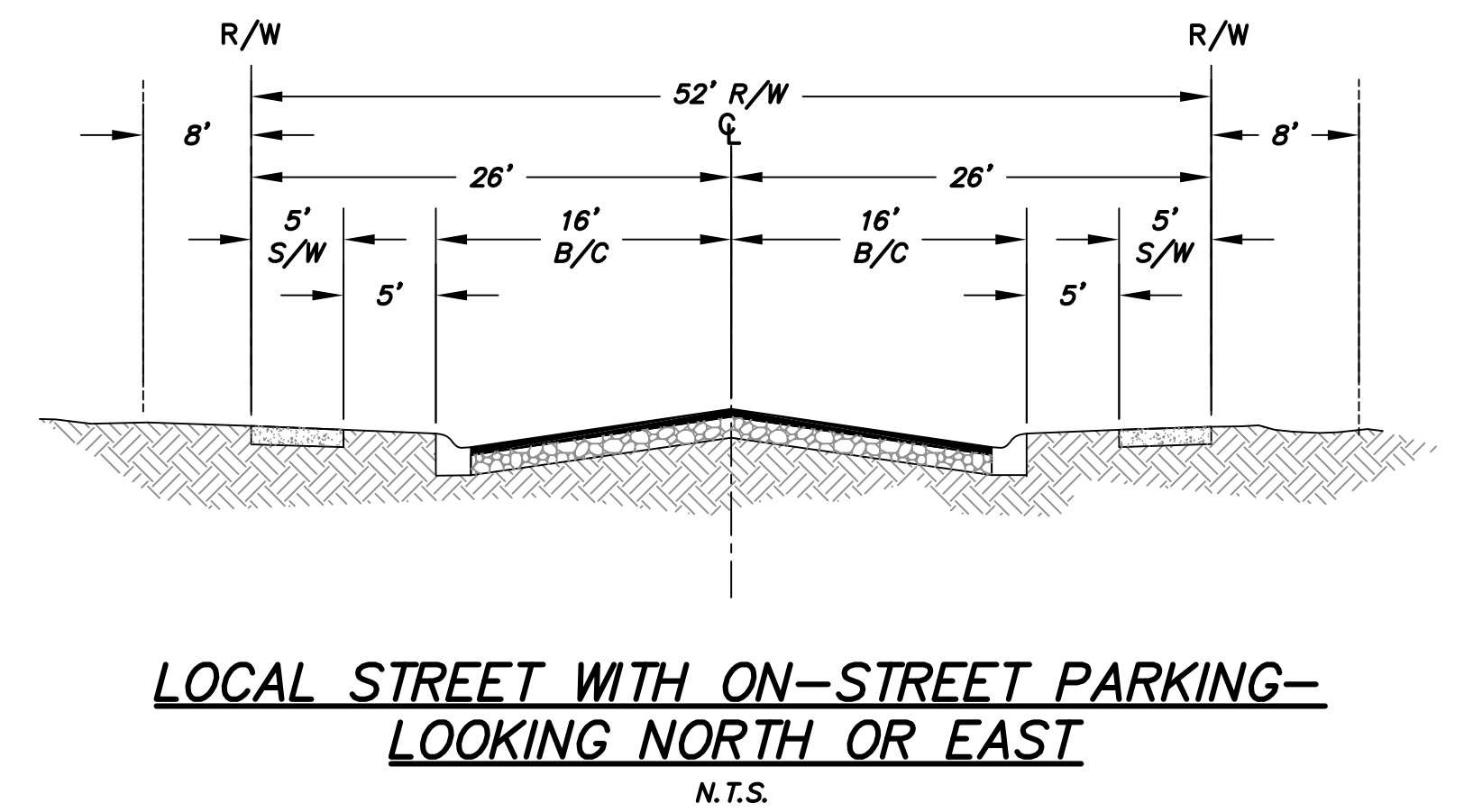
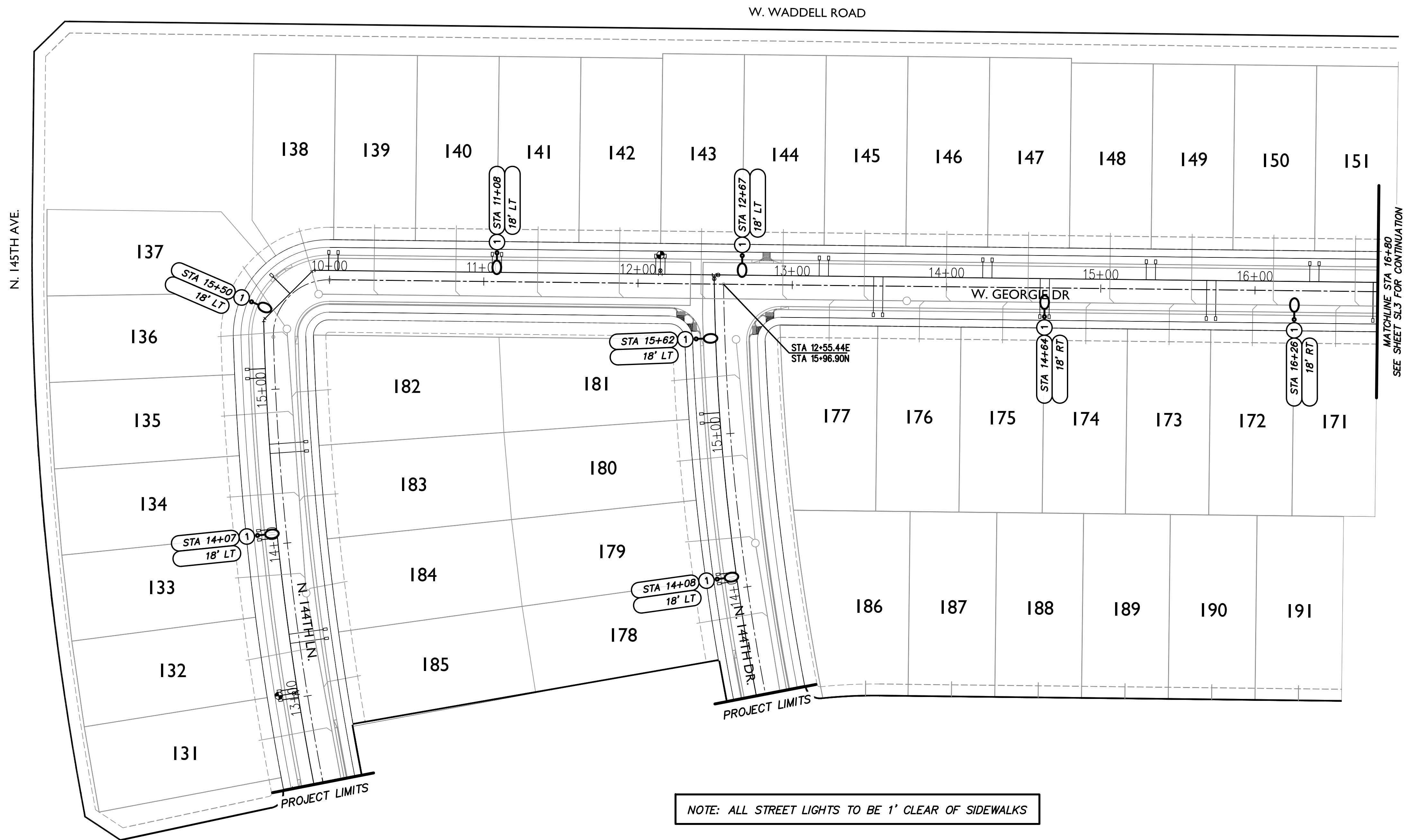
PROJECT TITLE
**HOMESTEAD AT MARLEY PARK -
PARCEL 3 SURPRISE, ARIZONA**

SHEET TITLE
**STREET LIGHTING
COVER SHEET**

DATE MAY 2018	DESIGNED: DAR	DWG No. SL1	SHEET 1
SCALE N/A	DRAWN: BPR	PROJ No. 18001	OF 4
	CHECKED: DAR		

File: 18001-3-SL1.dwg
Saved: May 24, 2018
Drafter: Brandon Rickard

File: 18001-3-SL2.dwg Drafter: Brandon Rickard Saved: May 24, 2018

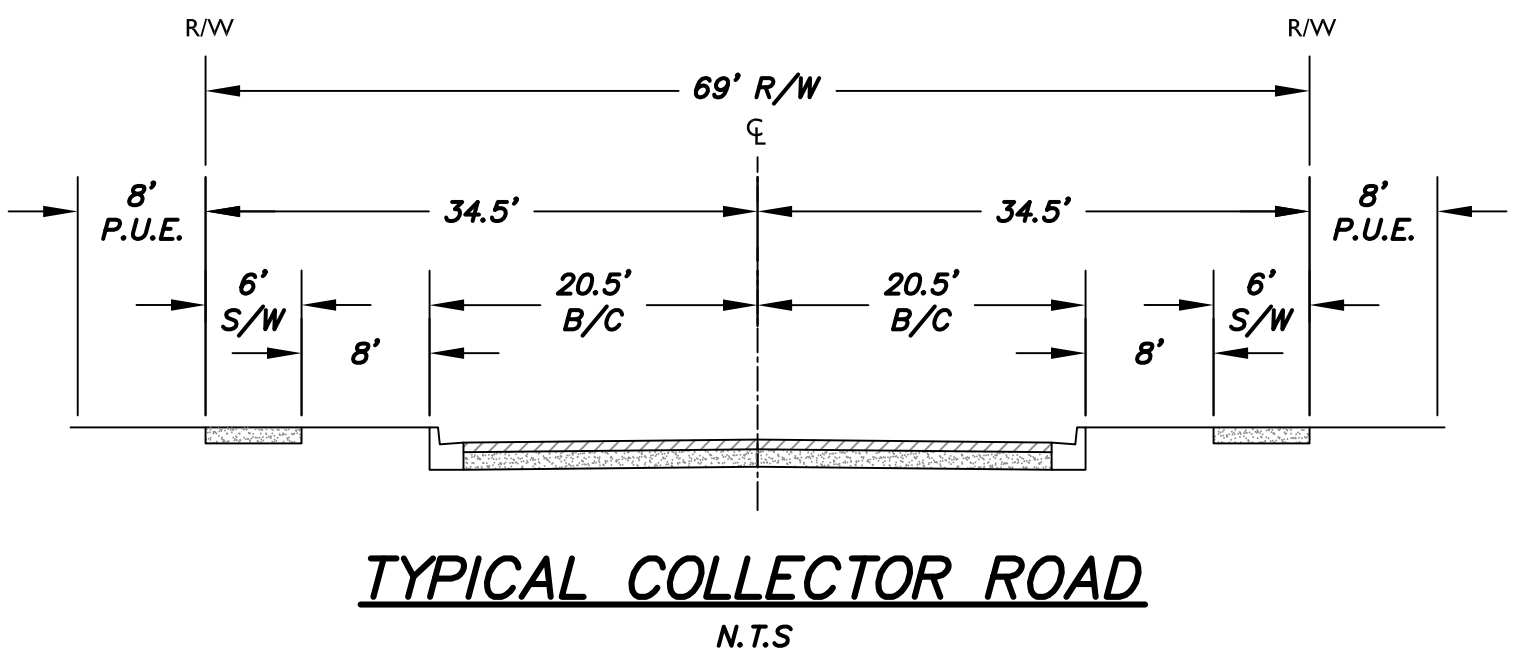
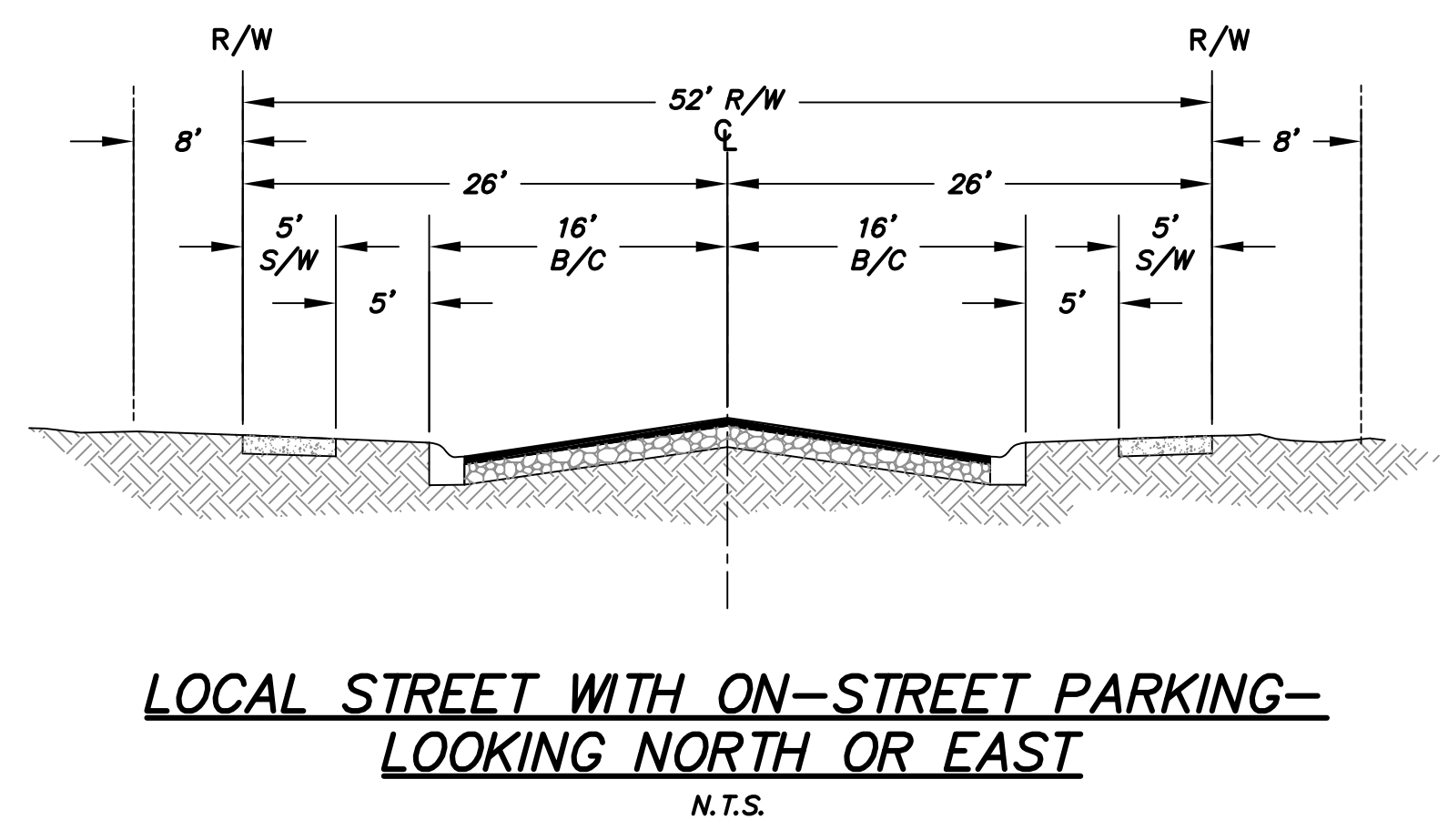
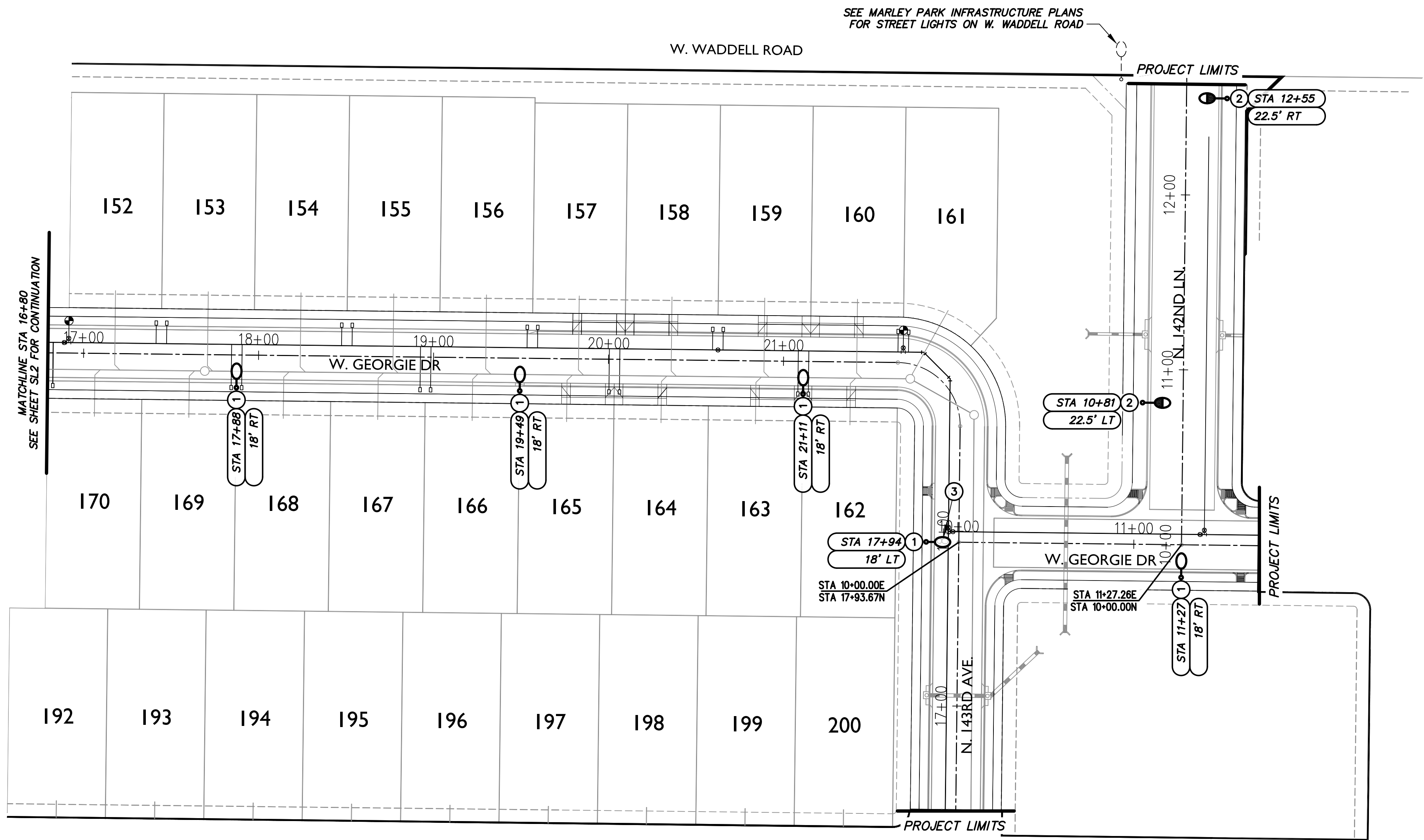


KEY NOTE	
①	INSTALL 41W, 3000K LED (4,800 LUMENS) BRONZE COBRAHEAD LUMINAIRE MOUNTED ON A 30'-6" DIRECT BURIED SQUARE STEEL POLE WITH A 2'-0" MAST ARM (25' MOUNTING HEIGHT). SEE APS STANDARD DETAIL 8030 AND APPLICABLE APS DETAILS ON SHEET SL4.



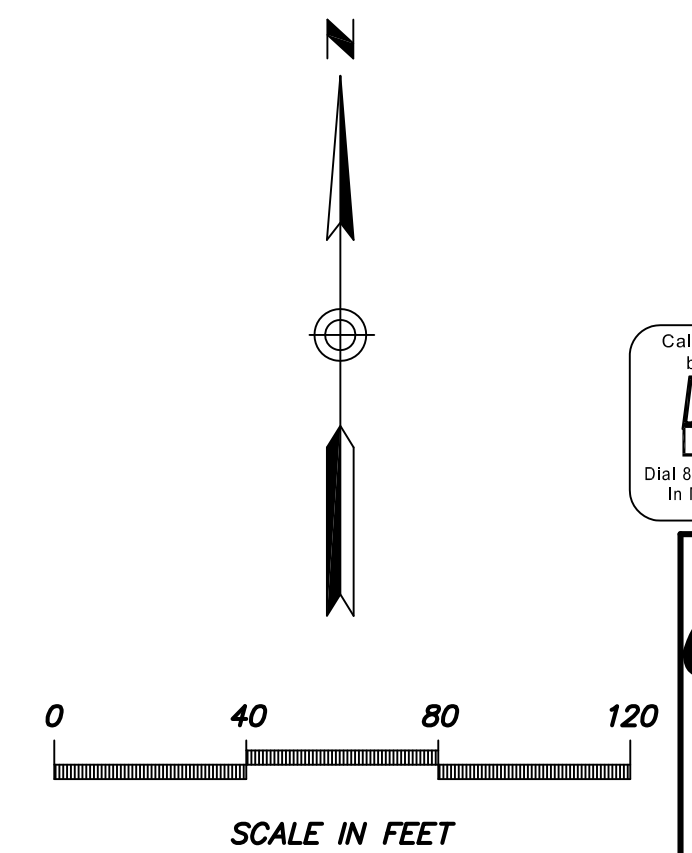
 ELECTRICAL CONSULTING ENGINEERS		7600 N. 16TH ST. SUITE 212 PHOENIX, AZ 85020 Ph: (602) 795-2899 WWW.DARCORINC.COM	
PROJECT TITLE HOMESTEAD AT MARLEY PARK - PARCEL 3 SURPRISE, ARIZONA			
SHEET TITLE STREET LIGHTING PLAN VIEW - I			
DATE MAY 2018	DESIGNED: DAR	DWG No. SL2	SHEET 2 OF 4
SCALE AS SHOWN	DRAWN: BPR CHECKED: DAR	PROJ No. 18001	

File: 18001-3-SL3.dwg Drafter: Brandon Rickard Saved: May 24, 2018

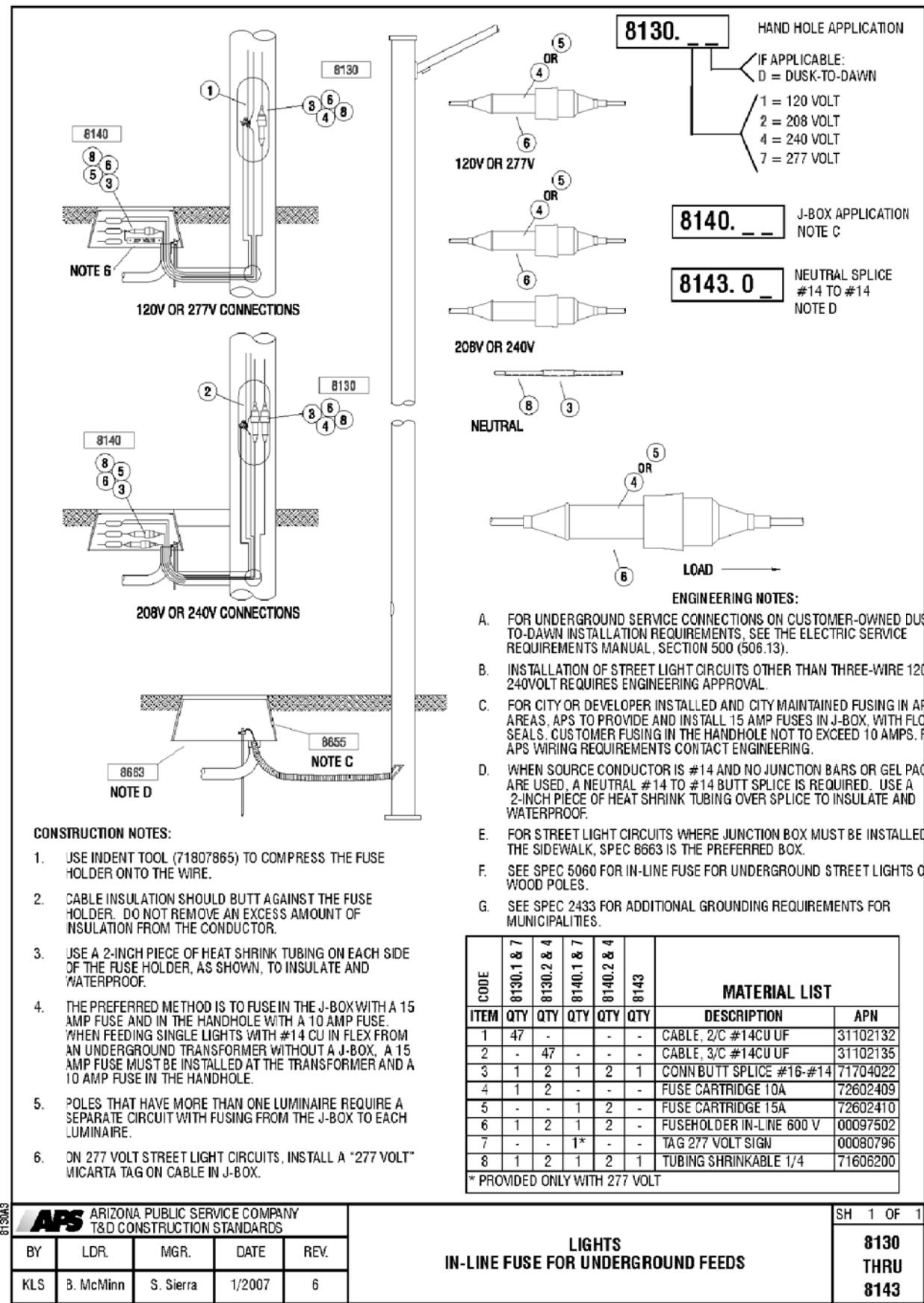
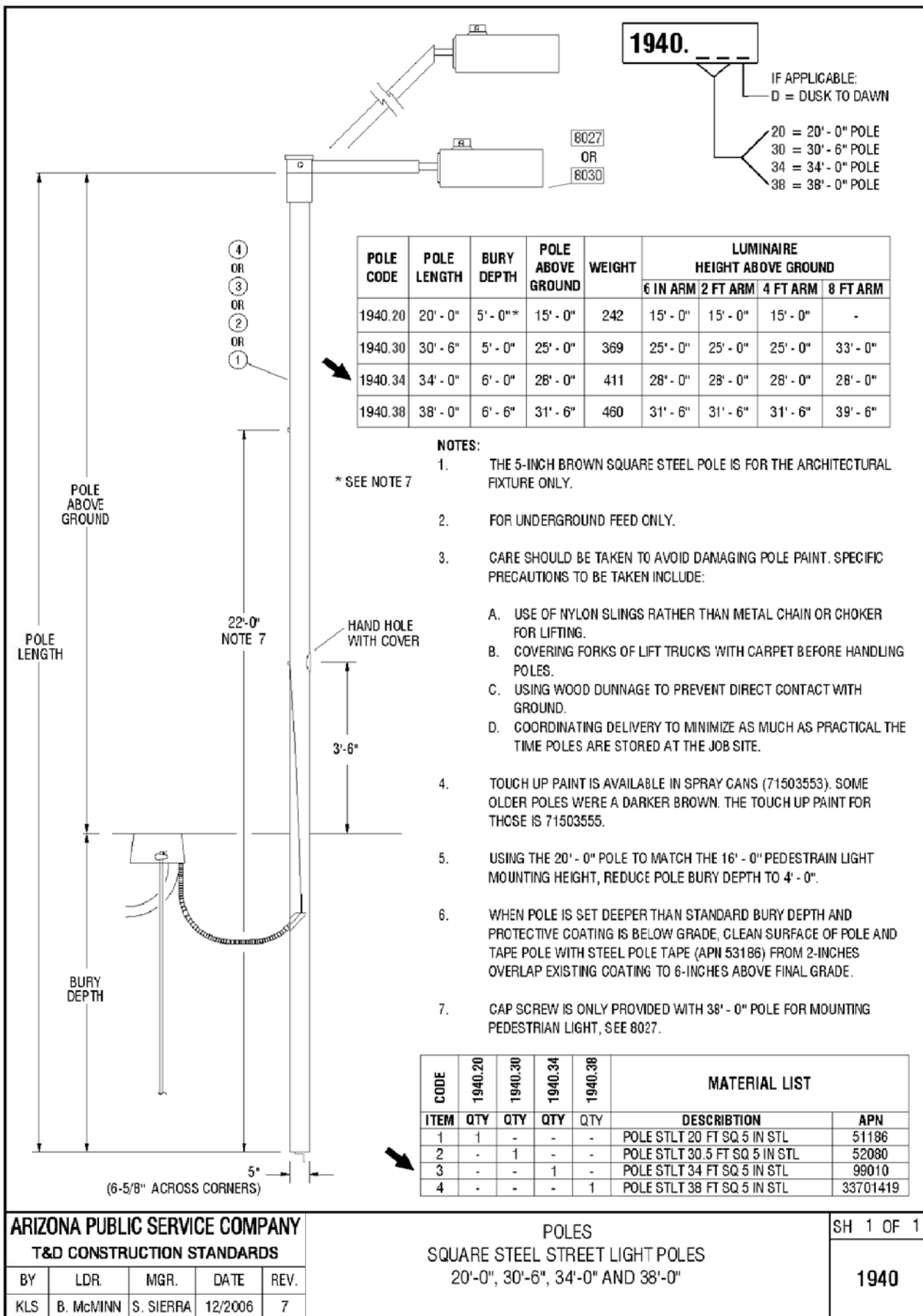
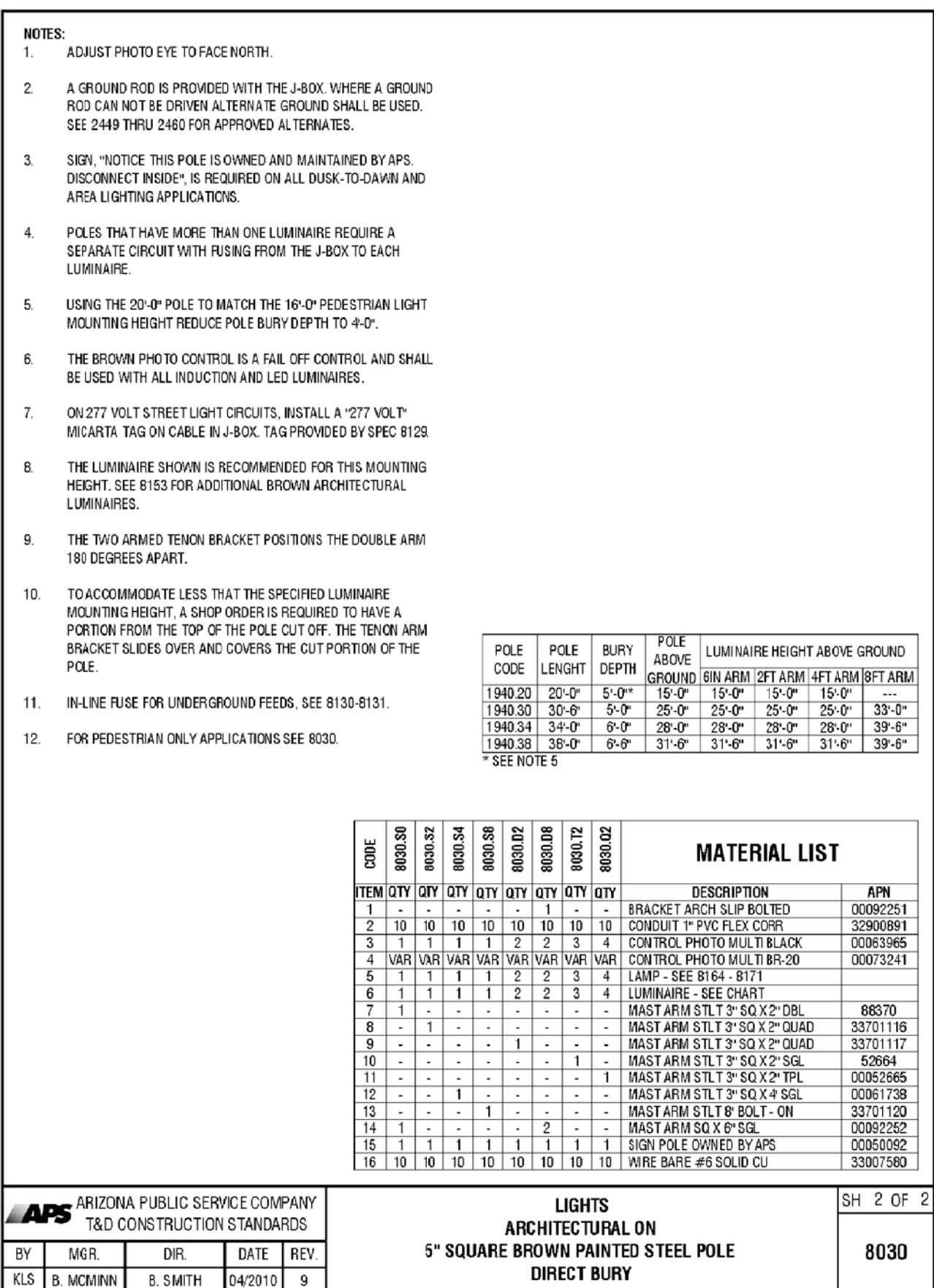
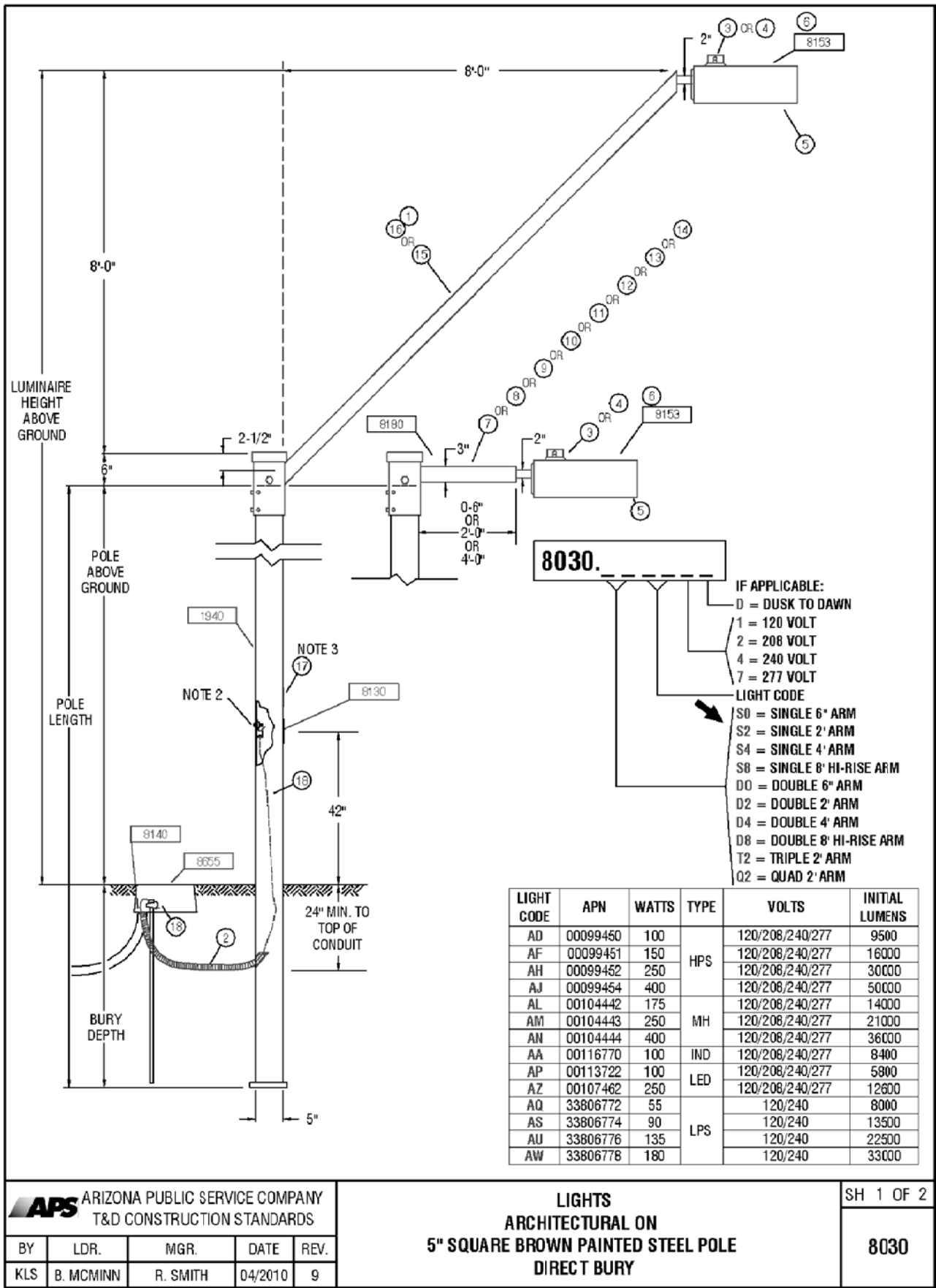


KEY NOTE

1. INSTALL 41W, 3000K LED (4,800 LUMENS) BRONZE COBRAHEAD LUMINAIRE MOUNTED ON A 30'-6" DIRECT BURIED SQUARE STEEL POLE WITH A 2'-0" MAST ARM (25' MOUNTING HEIGHT). SEE APS STANDARD DETAIL 8030 AND APPLICABLE APS DETAILS ON SHEET SL4.
2. INSTALL 88W, 4000K LED (8,500 LUMENS) BRONZE COBRAHEAD LUMINAIRE MOUNTED ON A 38'-0" DIRECT BURIED SQUARE STEEL POLE WITH A 4'-0" MAST ARM (31'-6" MOUNTING HEIGHT). SEE APS STANDARD DETAIL 8030 AND APPLICABLE APS DETAILS ON SHEET SL4.
3. LUMINAIRE TO INCLUDE AN APPROVED APS HOUSE-SIDE SHIELD.



DARCOR ELECTRICAL CONSULTING ENGINEERS		7800 N. 16TH ST. SUITE 212 PHOENIX, AZ 85020 Ph: (602) 795-2899 WWW.DARCORINC.COM	
PROJECT TITLE HOMESTEAD AT MARLEY PARK - PARCEL 3 SURPRISE, ARIZONA			
SHEET TITLE STREET LIGHTING PLAN VIEW - II			
DATE MAY 2018	DESIGNED: DAR	DWG No. SL3	SHEET 3 OF 4
SCALE AS SHOWN	CHECKED: DAR	PROJ No. 18001	



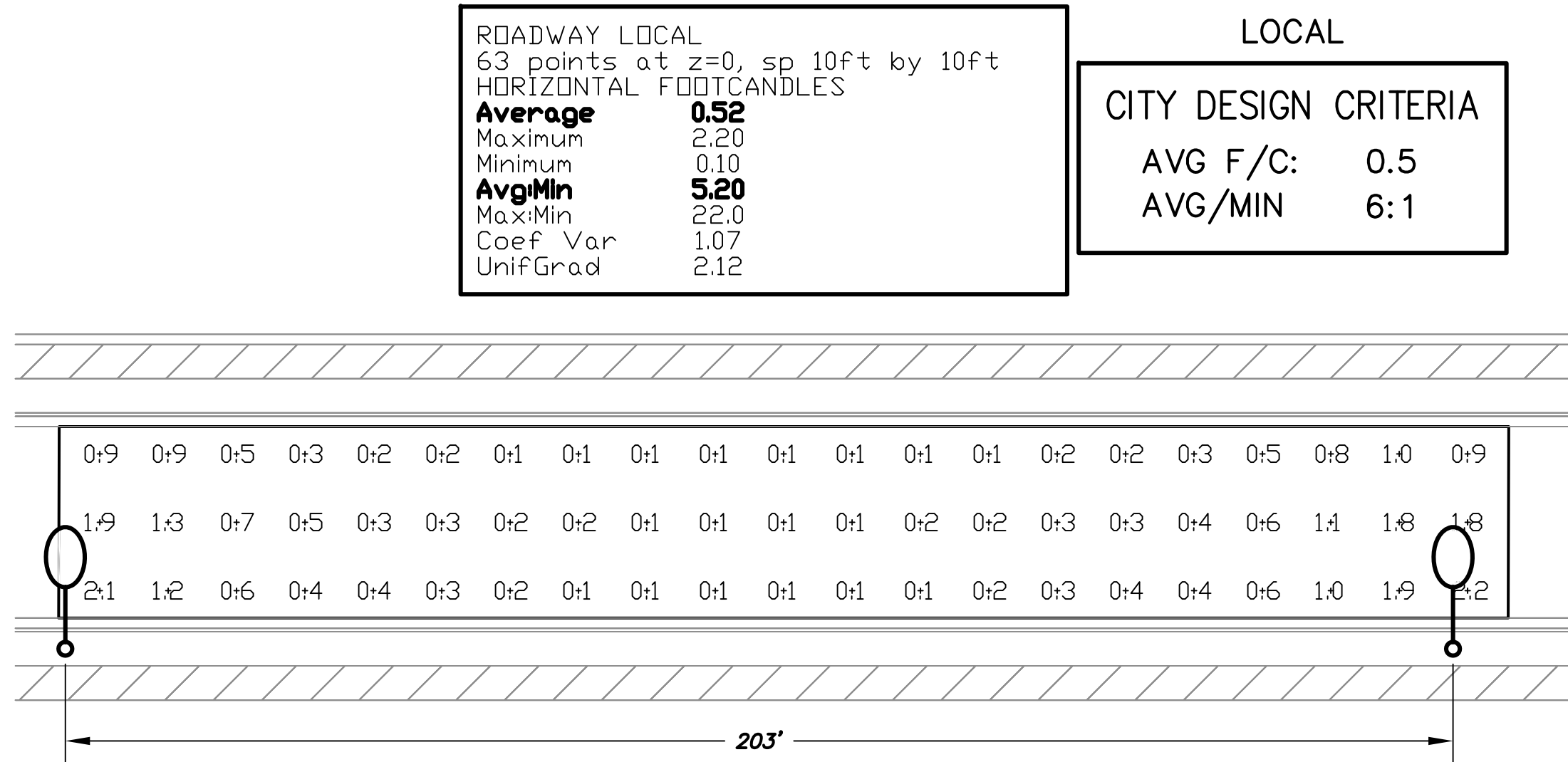
DARCOR
 ELECTRICAL CONSULTING ENGINEERS
 7800 N. 16TH ST.
 SUITE 212
 PHOENIX, AZ 85020
 Ph: (602) 795-2899
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PROJECT TITLE
 HOMESTEAD AT MARLEY PARK -
 PARCEL 3 SURPRISE, ARIZONA

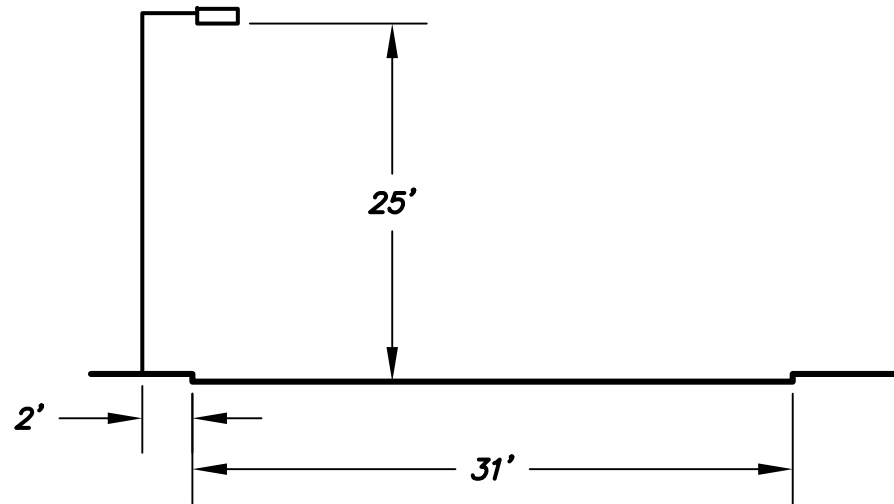
SHEET TITLE
 STREET LIGHTING
 DETAILS

DATE: MAY 2018
 DESIGNED: DAR
 DWG No.: SL4
 SCALE: N/A
 DRAWN: BPR
 PROJ No.: 18001
 CHECKED: DAR
 SHEET 4 OF 4

Saved: May 24, 2018 File: 18001-3-P1.dwg Drafter: Brandon Rickard

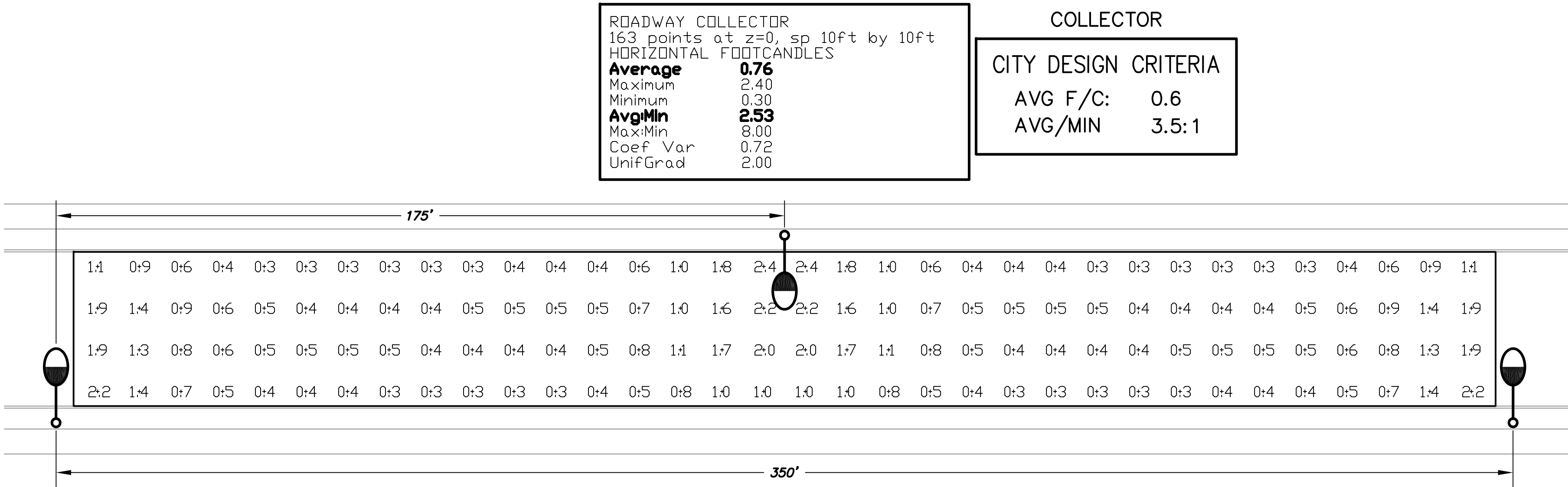


WORST CASE SPACING FOR 31' WIDE ROADWAY
 (LOCAL) (41W) (25' H)

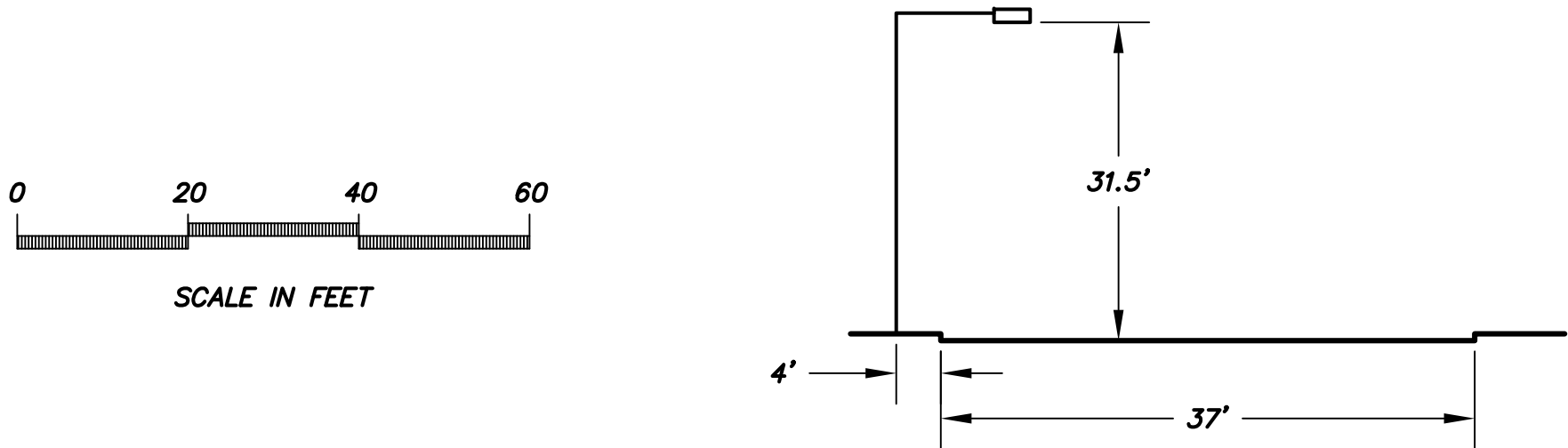


LUMINAIRE INPUT DATA
 GE Lighting Solutions
 lamp(s): LED
 candela file "ERL1_05E130-120-277V.IES"
 1 lamp(s) per luminaire, 4,800 initial lumens per lamp
 Light Loss Factor = 0.9, watts per luminaire = 41
 Outreach (from mounting axis to photometric center)= 30 in
 mounting height= 25 ft

APS APPROVED LED STREET LIGHTS								
AS OF 3-15-18								
APN	LIGHT CODE	LAMP	WATTS	LUMENS	CCT	COLOR	G.E. MODEL NUMBER	IES CURVE NUMBER
141047	RL41	LED	32	3,800	3000K	DK BRONZE	ERL1004B130ADKBZGRX	ERL1_04B130-120-277V.IES
141048	RL41	LED	41	4,800	3000K	DK BRONZE	ERL1005E130ADKBZGRX	ERL1_05E130-120-277V.IES
141049	RL42	LED	88	8,200	3000K	DK BRONZE	ERL1008E130ADKBZGRX	ERL1_08E130.IES
141050	RL43	LED	108	11,100	3000K	DK BRONZE	ERLH011E130ADKBZGRX	ERLH_11E130.IES
141040	CL50	LED	32	3,800	3000K	GRAY	ERL1004B130AGRAYGRX	ERL1_04B130-120-277V.IES
141041	CL51	LED	41	4,800	3000K	GRAY	ERL1005E130AGRAYGRX	ERL1_05E130-120-277V.IES
141043	CL52	LED	88	8,200	3000K	GRAY	ERL1008E130AGRAYGRX	ERL1_08E130.IES
141045	CL53	LED	108	11,100	3000K	GRAY	ERLH011E130AGRAYGRX	ERLH_11E130.IES
128251	RL50	LED	32	3,900	4000K	DK BRONZE	ERL1004B140ADKBZGRX	ERL1_04B140-120-277V.IES
126804	RL51	LED	41	5,000	4000K	DK BRONZE	ERL1005E140ADKBZGRX	ERL1_05E140-120-277V.IES
126805	RL52	LED	88	8,500	4000K	DK BRONZE	ERL1008E140ADKBZGRX	ERL1_08E140.IES
	RL53	LED	108	11,500	4000K	DK BRONZE	ERLH011E140ADKBZGRX	ERLH_11E140.IES
128329	CL60	LED	32	3,900	4000K	GRAY	ERL1004B140AGRAYGRX	ERL1_04B140-120-277V.IES
128330	CL61	LED	41	5,000	4000K	GRAY	ERL1005E140AGRAYGRX	ERL1_05E140-120-277V.IES
128331	CL62	LED	88	8,500	4000K	GRAY	ERL1008E140AGRAYGRX	ERL1_08E140.IES
128332	CL63	LED	108	11,500	4000K	GRAY	ERLH011E140AGRAYGRX	ERLH_11E140.IES

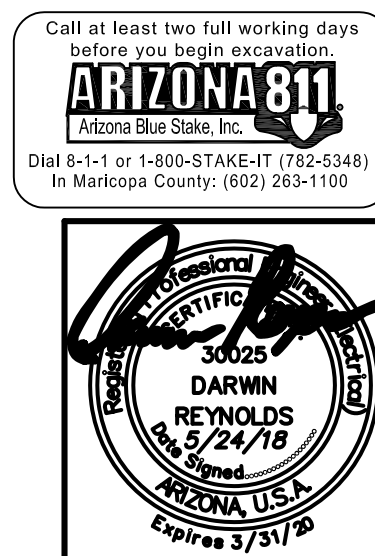


WORST CASE SPACING FOR 37' WIDE ROADWAY
 (COLLECTOR) (88W) (31.5' H)



LUMINAIRE INPUT DATA
 GE Lighting Solutions
 lamp(s): LED
 candela file "ERL1_08E140.IES"
 1 lamp(s) per luminaire, 8,500 initial lumens per lamp
 Light Loss Factor = 0.9, watts per luminaire = 88
 Outreach (from mounting axis to photometric center)= 48 in
 mounting height= 31.5 ft

ALL PHOTOMETRIC CALCULATIONS ON THESE
 PLANS REPRESENT ILLUMINANCE VALUES



7800 N. 16TH ST.
 SUITE 212
 PHOENIX, AZ 85020
 Ph: (602) 795-2899
 WWW.DARCORINC.COM

PROJECT TITLE
**HOMESTEAD AT MARLEY PARK -
 PARCEL 3 SURPRISE, ARIZONA**

SHEET TITLE
**ROADWAY PHOTOMETRIC
 CALCULATIONS**

DATE MAY 2018	DESIGNED: DAR	DWG No. P1	SHEET 1 OF 1
SCALE N/A	DRAWN: BPR	PROJ No. 18001	
	CHECKED: DAR		

File: 18001-4-SL1.dwg Drafter: Brandon Rickard Saved: May 24, 2018

DARCOR GENERAL NOTES

- A. LOCATIONS INDICATED FOR EXISTING UNDERGROUND UTILITIES ARE BASED ON DRAWINGS PROVIDED TO US BY THE CIVIL ENGINEER AT TIME OF DESIGN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UNDERGROUND OBSTRUCTIONS AND UTILITIES ENCOUNTERED DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING BLUE-STAKE AND POT-HOLING TO VERIFY ALL EXISTING UNDERGROUND OBSTRUCTIONS.
- B. DARCOR & ASSOCIATES INC., ITS OWNERS, OR EMPLOYEES WILL NOT BE HELD RESPONSIBLE FOR ANY DAMAGE TO PROPERTY CAUSED BY OTHERS DURING OR RESULTING FROM CONSTRUCTION OF THIS PROJECT.
- C. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR COORDINATING THE RELOCATION OF UTILITIES, POWER POLES, ETC.
- D. THE CONTRACTOR SHALL PROVIDE THE CITY WITH ACCURATE AS-BUILT INFORMATION INCLUDING FIELD MEASUREMENTS TO ELECTRICAL EQUIPMENT AND UNDERGROUND CONDUIT ROUTING.
- E. ANY QUANTITIES SHOWN ARE THE BEST ESTIMATE OF THE ENGINEER. THE CONTRACTOR SHALL MAKE HIS OWN INDEPENDENT ESTIMATE OF QUANTITIES AND BASE HIS BID THEREON.
- F. THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES OR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED DURING CONSTRUCTION, AND WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- G. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL PROPERTY, LANDSCAPING, PAVING AND DRIVEWAYS THAT ARE DISTURBED DURING CONSTRUCTION TO THEIR ORIGINAL CONDITION WITH CONFORMANCE TO MAG SPECIFICATION SECTION 107.9.

THE ELECTRICAL / MAINTENANCE COSTS OF ALL STREET LIGHTS ON LOCAL AND COLLECTOR STREETS (TYPICALLY THE 41 WATT / 4,800 LUMEN AND THE 88 WATT / 8,500 LUMEN FIXTURES) ARE TO BE PAID BY THE ADJACENT PROJECT OR THE ADJACENT DEVELOPMENT'S STREET LIGHT IMPROVEMENT DISTRICT (SLID)

LED TECHNOLOGY IS CHANGING RAPIDLY, THE FIXTURES SHOWN ON THESE PLANS MAY NOT BE APPLICABLE AT TIME OF CONSTRUCTION. CONTRACTOR TO COORDINATE WITH APS AND UTILIZE THEIR CURRENT SPECIFICATION AT THE TIME OF BIDDING AND CONSTRUCTION.

CITY OF SURPRISE
GENERAL ENGINEERING NOTES

1. ALL CONSTRUCTION MUST CONFORM TO MARICOPA ASSOCIATION OF GOVERNMENT (MAG) SPECIFICATIONS AND DETAILS AND LATEST REVISIONS UNLESS OTHERWISE STATED ON PLANS.
2. THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND THEY WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL OVERHEAD AND UNDERGROUND UTILITY LOCATIONS WHERE CONSTRUCTION OCCURS. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT ALL UTILITIES ARE AVOIDED. UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND NOT FOR CONSTRUCTION PURPOSES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AND OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT ARIZONA UNDERGROUND FACILITIES LAWS (ARIZONA REVISED STATUTES TITLE 40, CHAPTER 2, ARTICLE 6.3, SECTION 40-360.21-32). CALL ARIZONA 811 FOR FIELD LOCATION BY DAIL 811.
4. THE CITY OF SURPRISE ENGINEERING SERVICES OF PUBLIC WORKS SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK AT 623-222-6150.
5. THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION OR VARIANCE FROM THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE PROPOSED AND RESUBMITTED FOR REVIEW AND APPROVAL.
6. THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE DRAWING, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE. EXISTING SURFACE FEATURES AND FENCING SHALL BE REPLACED IN KIND.
7. ANY INSPECTION BY THE CITY, COUNTY, OR THE ENGINEER, SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE APPLICABLE CODES AND AGENCY REQUIREMENTS.
8. THE CONTRACTOR IS TO LOCATE ALL EXISTING LANDSCAPING, LANDSCAPING IRRIGATION LINES, PROPERTY MONUMENTS, FENCING OR SURFACE FEATURES PRIOR TO CONSTRUCTION. ANYTHING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
9. NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
10. ALL CONSTRUCTION WATER USED WITHIN THE CITY OF SURPRISE WATER SERVICE AREA REQUIRES APPROVAL BY THE CITY OF SURPRISE PUBLIC WORKS DEPARTMENT AND MAY BE SUBJECT TO VOLUME AND TIME RESTRICTIONS. PLEASE SEE THE CITY OF SURPRISE CONSTRUCTION WATER GUIDELINES FOR ADDITIONAL INFORMATION. THE GUIDELINES CAN BE OBTAINED FROM THE PUBLIC WORKS DEPARTMENT AT 623-222-6000.
11. TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH MAG SPECIFICATION 401, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND THE "TEMPORARY WORK ZONE TRAFFIC MANAGEMENT POLICY" (LATEST EDITION).
12. PRIOR TO FINAL APPROVAL AND ACCEPTANCE OF THE WORK, THE DEVELOPER/CONTRACTOR WILL BE REQUIRED TO CLEAN AND REPAIR ADJACENT (OFF-PROJECT) ROADWAYS USED OR DAMAGED DURING THE COURSE OF CONSTRUCTION.
13. EMERGENCY VEHICLE ACCESS (E.V.A.) MUST BE PROVIDED BY THE DEVELOPER/CONTRACTOR THROUGHOUT THE PROJECT SITE. E.V.A. ROADS AND SIGNAGE SHALL BE MAINTAINED BY THE DEVELOPER/CONTRACTOR AT ALL TIMES. SIGNAGE SHALL BE POSTED AT THE POINT OF ENTRY TO THE SITE AND AT ALL LOCATIONS WHERE A CHANGE IN DIRECTION OCCURS.
14. THE PLANS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT'S ACCESSIBILITY GUIDELINES, AS PUBLISHED IN THE FEDERAL REGISTER ON SEPTEMBER 15, 2010.

STREET LIGHTING PLANS

FOR

HOMESTEAD AT MARLEY PARK PHASE 4&5
PARCEL 4

A PORTION OF THE NORTHWEST QUARTER OF SECTION 16, TOWNSHIP 3 NORTH, RANGE 1 WEST OF THE
GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, CITY OF SURPRISE, ARIZONA

DEVELOPER

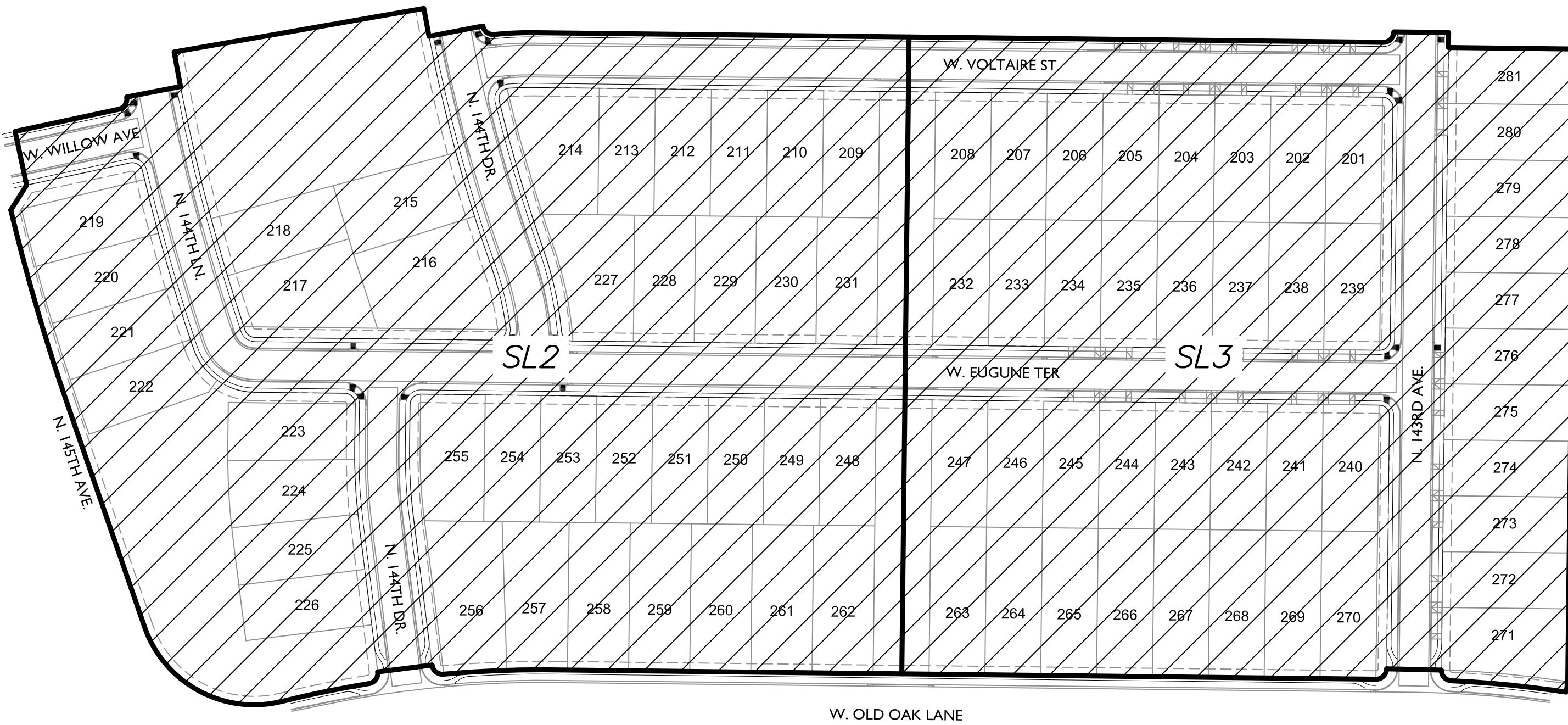
MERITAGE HOMES OF ARIZONA, INC.
8800 E. RAINTREE DR., STE. 300
SCOTTSDALE, AZ 85260
PHONE: (480) 515-8251
CONTACT: JASON JARVIS

CIVIL ENGINEER

ENTELLUS, INC.
3033 N. 44TH STREET, STE 250
PHOENIX, ARIZONA 85018
PHONE: (602) 244-2568
CONTACT: MICHAEL R. GLEESON, P.E.

ELECTRICAL ENGINEER

DARCOR & ASSOCIATES
7600 N. 16TH STREET, STE 212
PHOENIX, AZ 85020
PHONE: (602) 795-2699
CONTACT: DARWIN REYNOLDS, P.E.



W. OLD OAK LANE

KEY MAP
NTS

UTILITIES

THESE PLANS HAVE BEEN SUBMITTED TO THE FOLLOWING UTILITY COMPANIES FOR REVIEW OF ANY UTILITY CONFLICTS. IF ANY CONFLICTS ARISE DURING THE COURSE OF CONSTRUCTION FROM UNFORESEEN CIRCUMSTANCES, IT SHALL BE REPORTED TO THE APPROPRIATE UTILITY COMPANY AND BE RESOLVED BY THEM AND THE DESIGN ENGINEER.

UTILITY COMPANY	CONTACT	CONTACT METHOD	DATE SIGNED
ARIZONA PUBLIC SERVICE	CLAUDIO RIOS	623-975-8505	9/11/17
COX COMMUNICATIONS	DAN DISCHINGER	623-328-4178	9/11/17
CENTURY LINK	RONJEAUN GRANT-SLOAN	480-768-4294	9/11/17
SOUTHWEST GAS	ANGELICA ONTIVEROS	602-484-5345	9/11/17

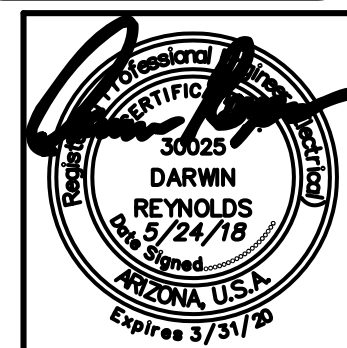
CITY OF SURPRISE SIGNATURE BLOCK

THIS SET OF PLANS HAS BEEN REVIEWED FOR COMPLIANCE WITH CITY REQUIREMENTS PRIOR TO ISSUANCE OF PERMITS. THE CITY NEITHER ACCEPTS NOR ASSUMES ANY LIABILITY FOR ERRORS OR OMISSIONS. THIS COMPLIANCE APPROVAL SHALL NOT PREVENT THE CITY ENGINEER FROM REQUIRING CORRECTIONS OF ERRORS OR OMISSIONS IN PLANS FOUND TO BE IN VIOLATION OF LAW OR ORDINANCES.

APPROVED _____
CITY OF SURPRISE ENGINEER

DATE

SLID#



7600 N. 16TH ST.
SUITE 212
PHOENIX, AZ 85020
Ph: (602) 795-2699
WWW.DARCORINC.COM

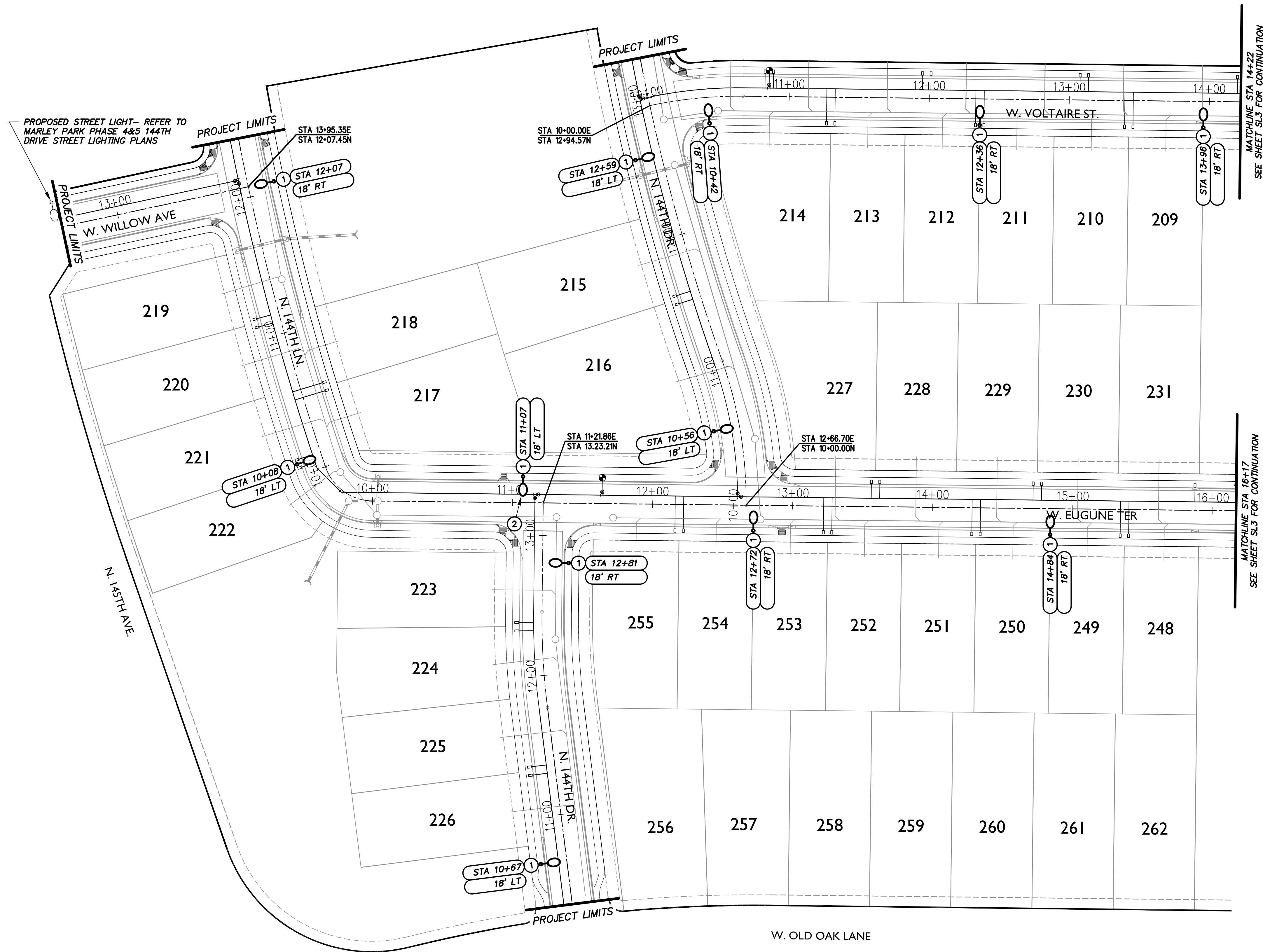
PROJECT TITLE
**HOMESTEAD AT MARLEY PARK -
PARCEL 4 SURPRISE, ARIZONA**

SHEET TITLE
**STREET LIGHTING
COVER SHEET**

DATE MAY 2018	DESIGNED: DAR	DWG No. SL1	SHEET 1 OF 4
SCALE N/A	DRAWN: BPR	PROJ No. 18001	
	CHECKED: DAR		

File: 18001-4-SL2.dwg Drafter: Brandon Rickerd Saved: May 24, 2018

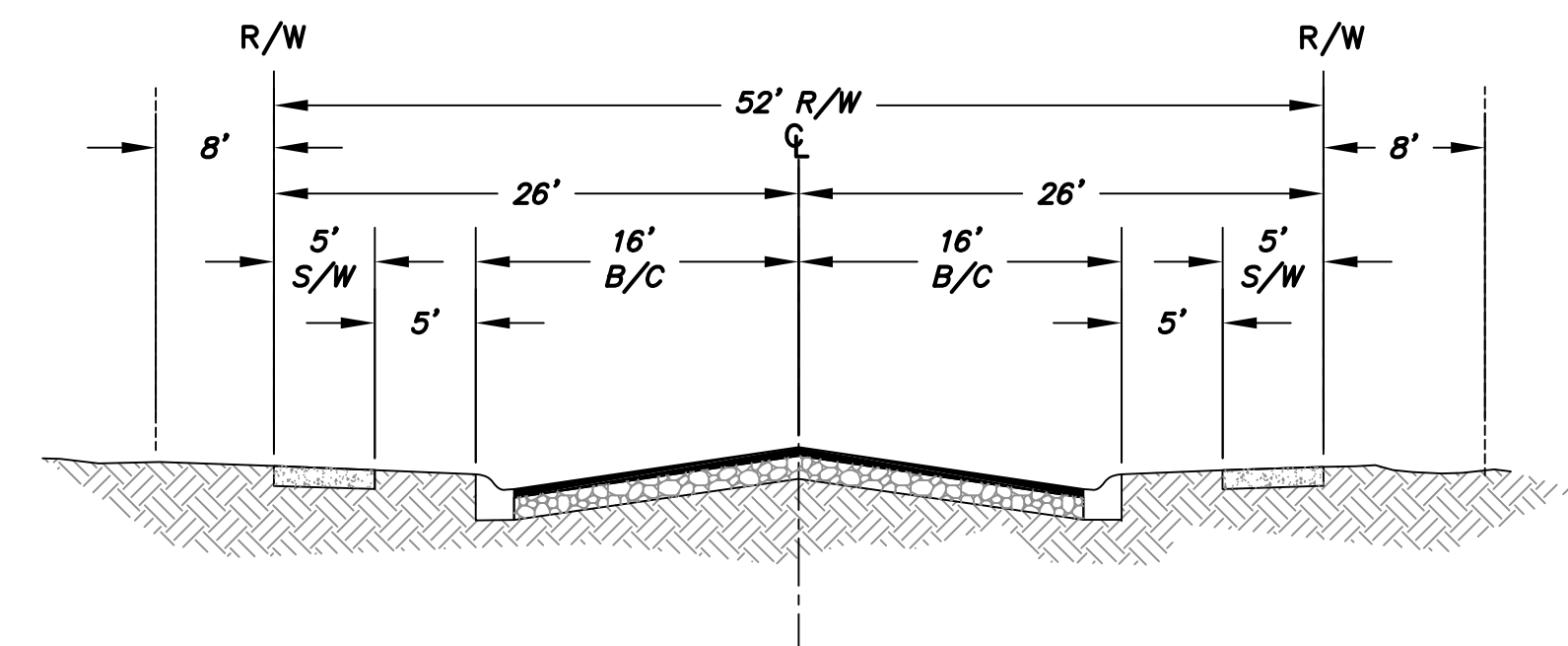
PROPOSED STREET LIGHT—REFER TO
MARLEY PARK PHASE 4&5 144TH
DRIVE STREET LIGHTING PLANS



MATCHLINE STA 14+22
SEE SHEET SL3 FOR CONTINUATION

MATCHLINE STA 16+17
SEE SHEET SL3 FOR CONTINUATION

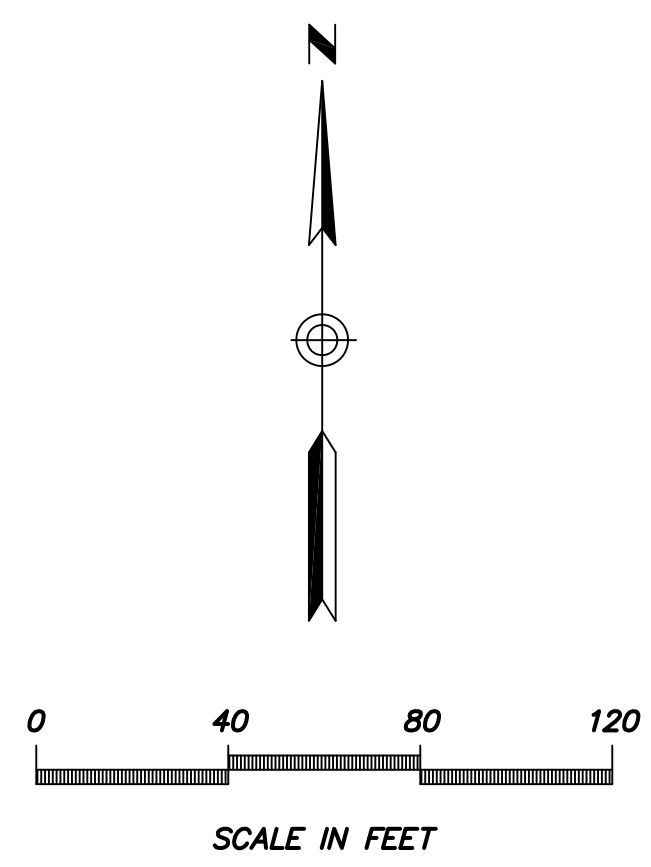
NOTE: ALL STREET LIGHTS TO BE 1' CLEAR OF SIDEWALKS



LOCAL STREET WITH ON-STREET PARKING—
LOOKING NORTH OR EAST
N.T.S.

KEY NOTE

- 1 INSTALL 41W, 3000K LED (4,800 LUMENS) BRONZE COBRAHEAD LUMINAIRE MOUNTED ON A 30'-6" DIRECT BURIED SQUARE STEEL POLE WITH A 2'-0" MAST ARM (25' MOUNTING HEIGHT). SEE APS STANDARD DETAIL 8030 AND APPLICABLE APS DETAILS ON SHEET SL4.
- 2 LUMINAIRE TO INCLUDE AN APPROVED APS HOUSE-SIDE SHIELD.



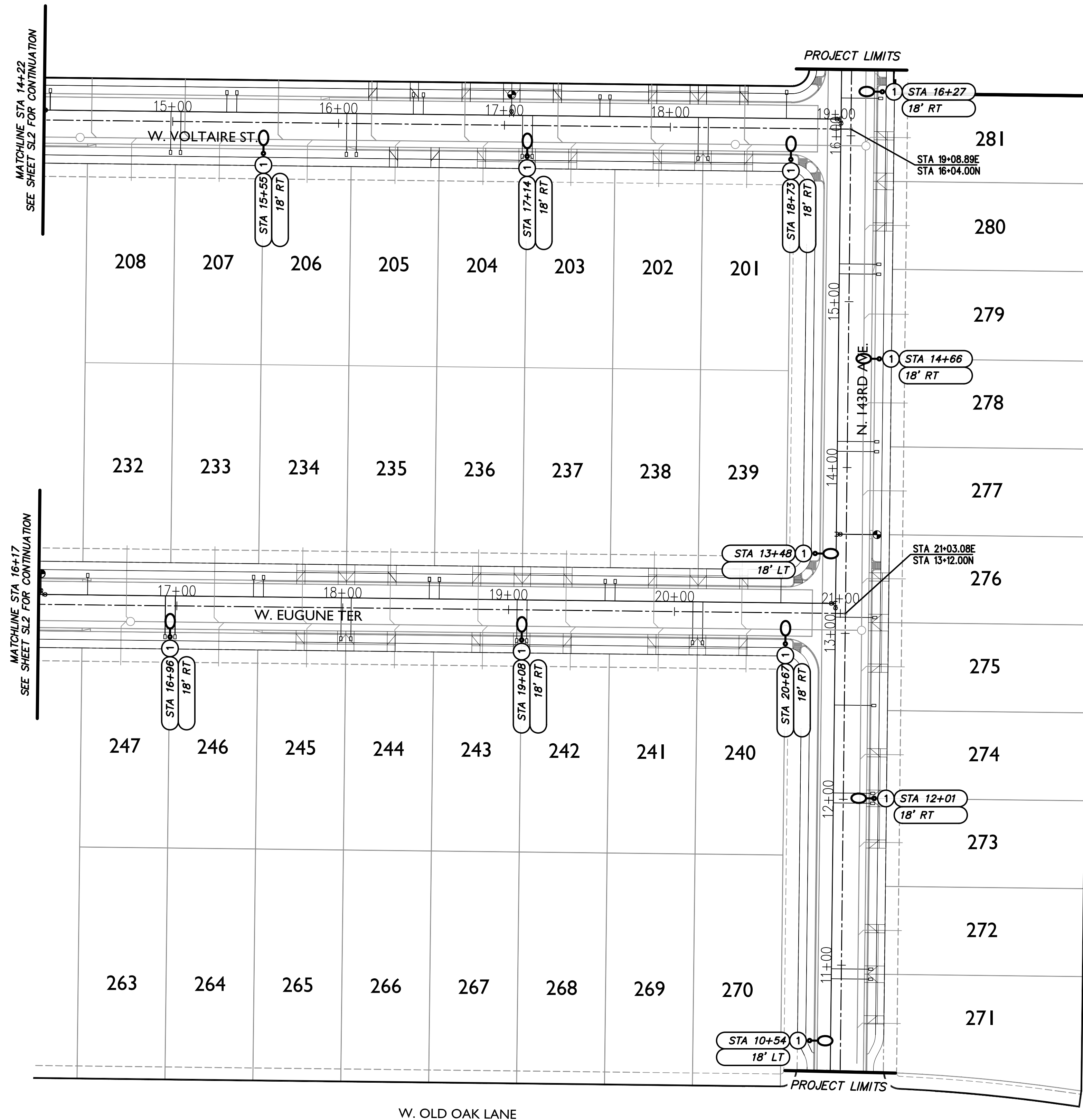
7800 N. 16TH ST.
SUITE 212
PHOENIX, AZ 85020
Ph: (602) 795-2899
WWW.DARCORINC.COM

PROJECT TITLE
**HOMESTEAD AT MARLEY PARK -
PARCEL 4 SURPRISE, ARIZONA**

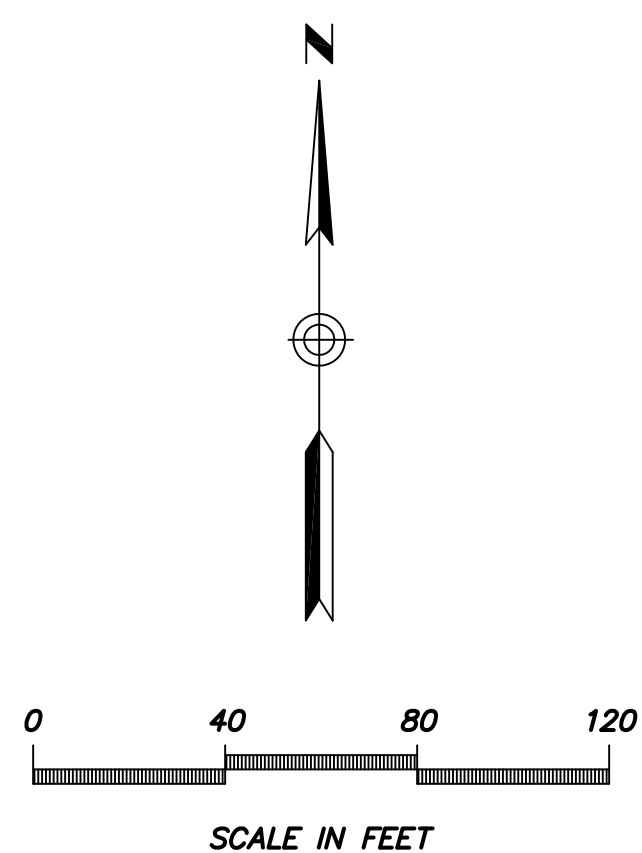
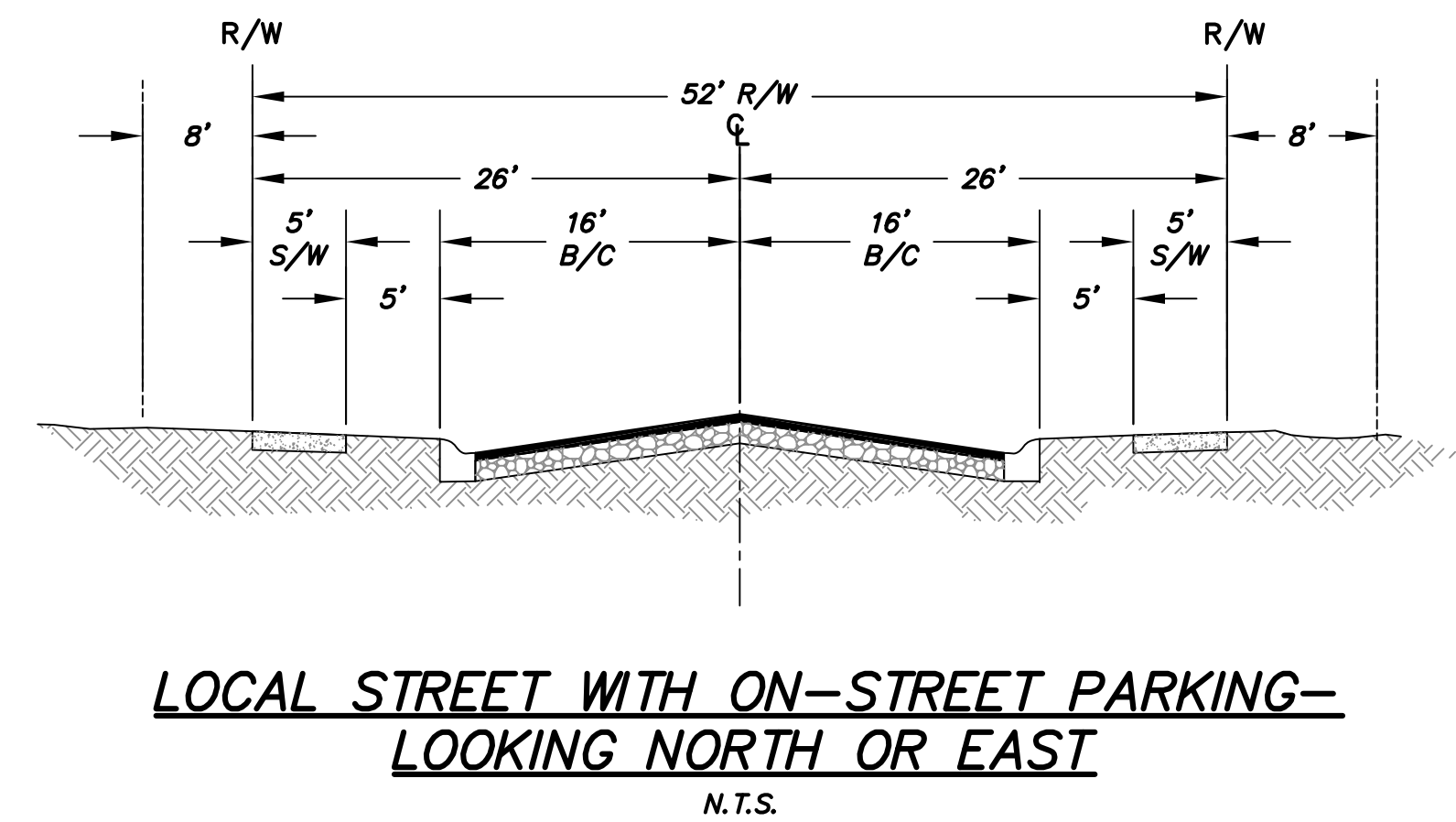
SHEET TITLE
**STREET LIGHTING
PLAN VIEW - I**

DATE MAY 2018	DESIGNED: DAR	DWG No. SL2	SHEET 2 OF 4
SCALE AS SHOWN	DRAWN: BPR	PROJ No. 18001	
CHECKED: DAR			

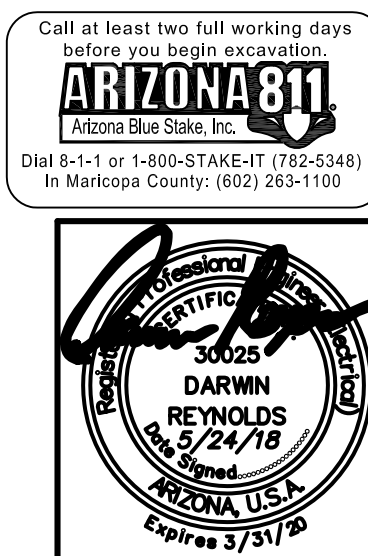
Saved: May 24, 2018 File: 18001-4-SL3.dwg Drafter: Brandon Rickard



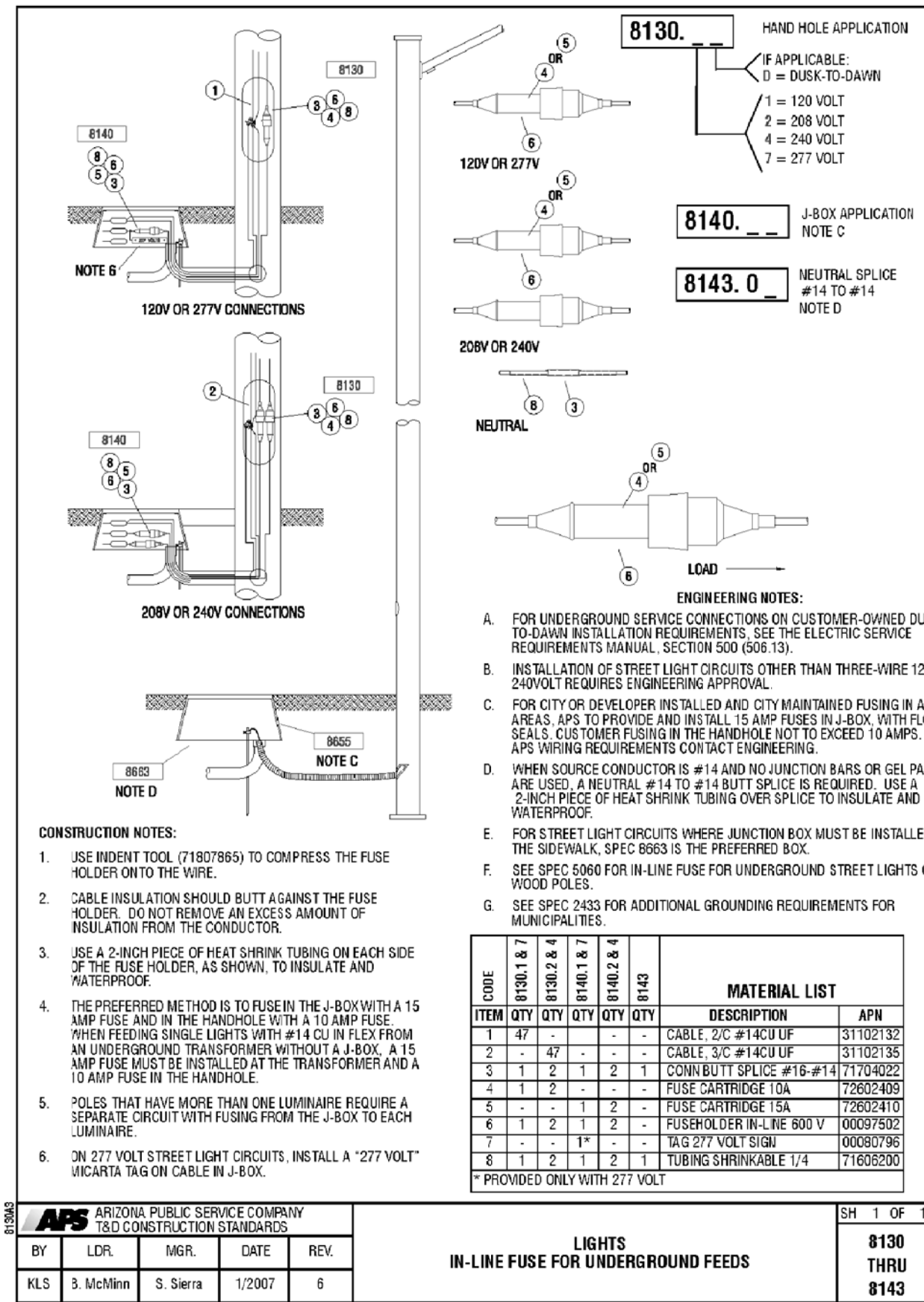
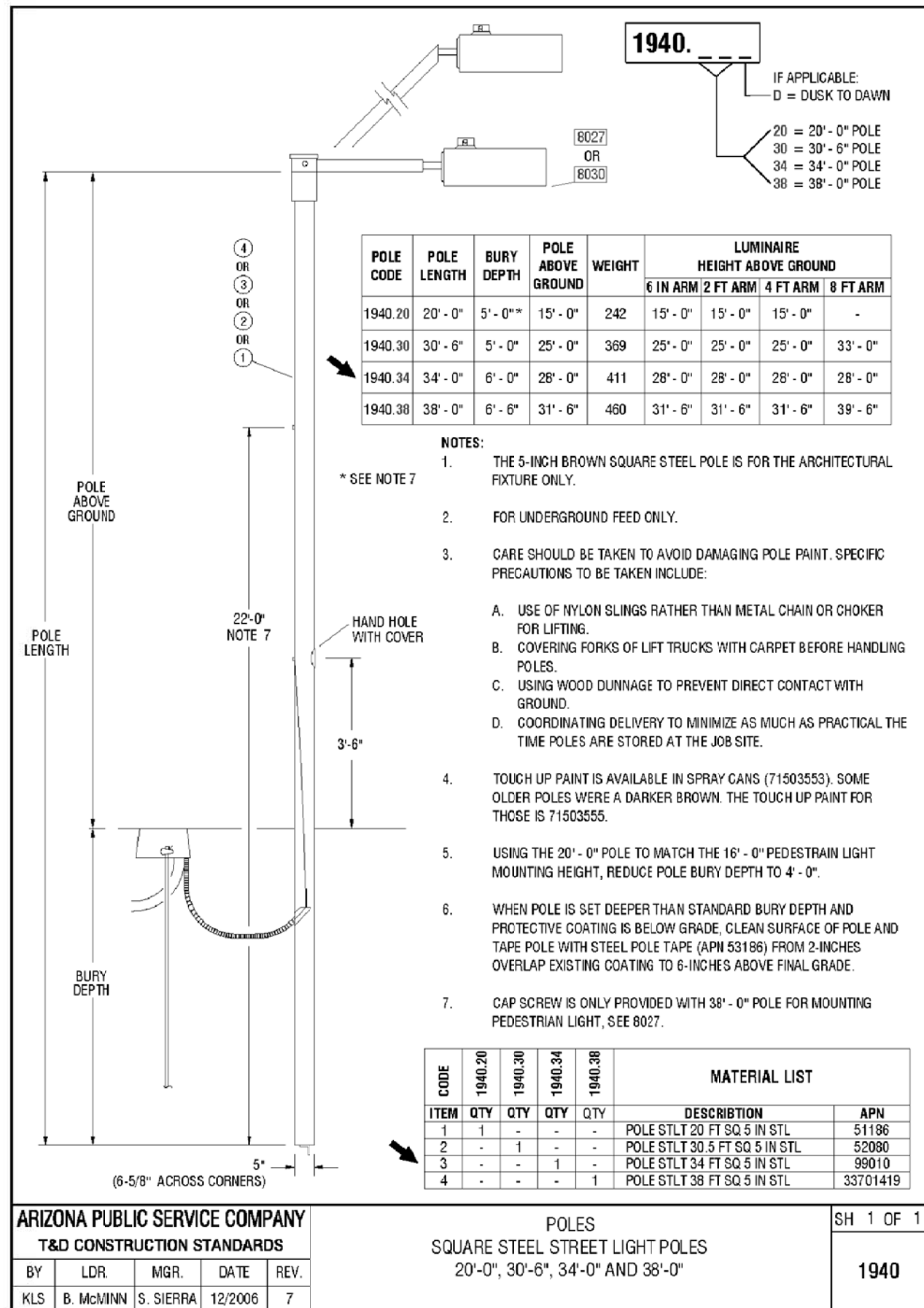
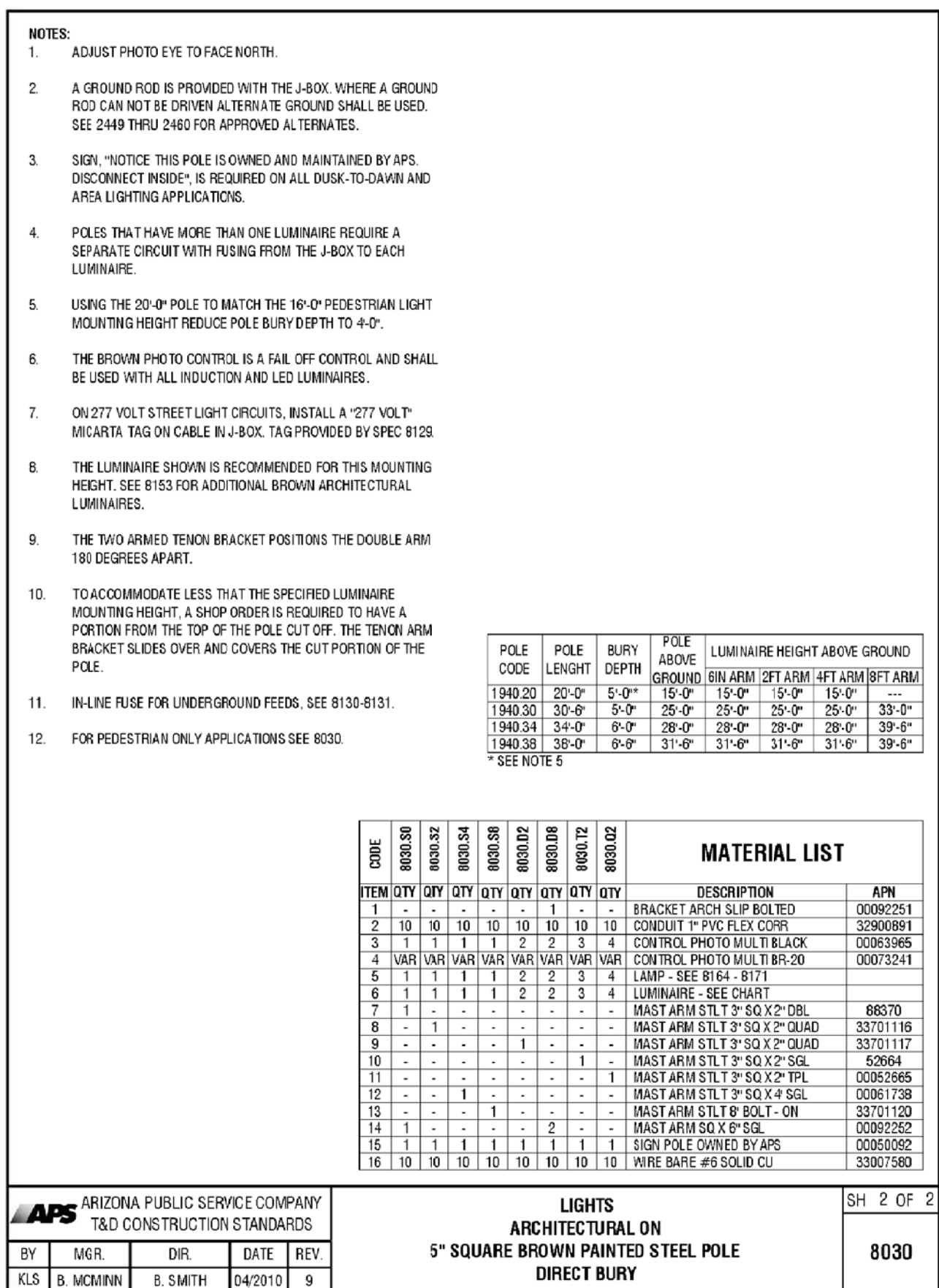
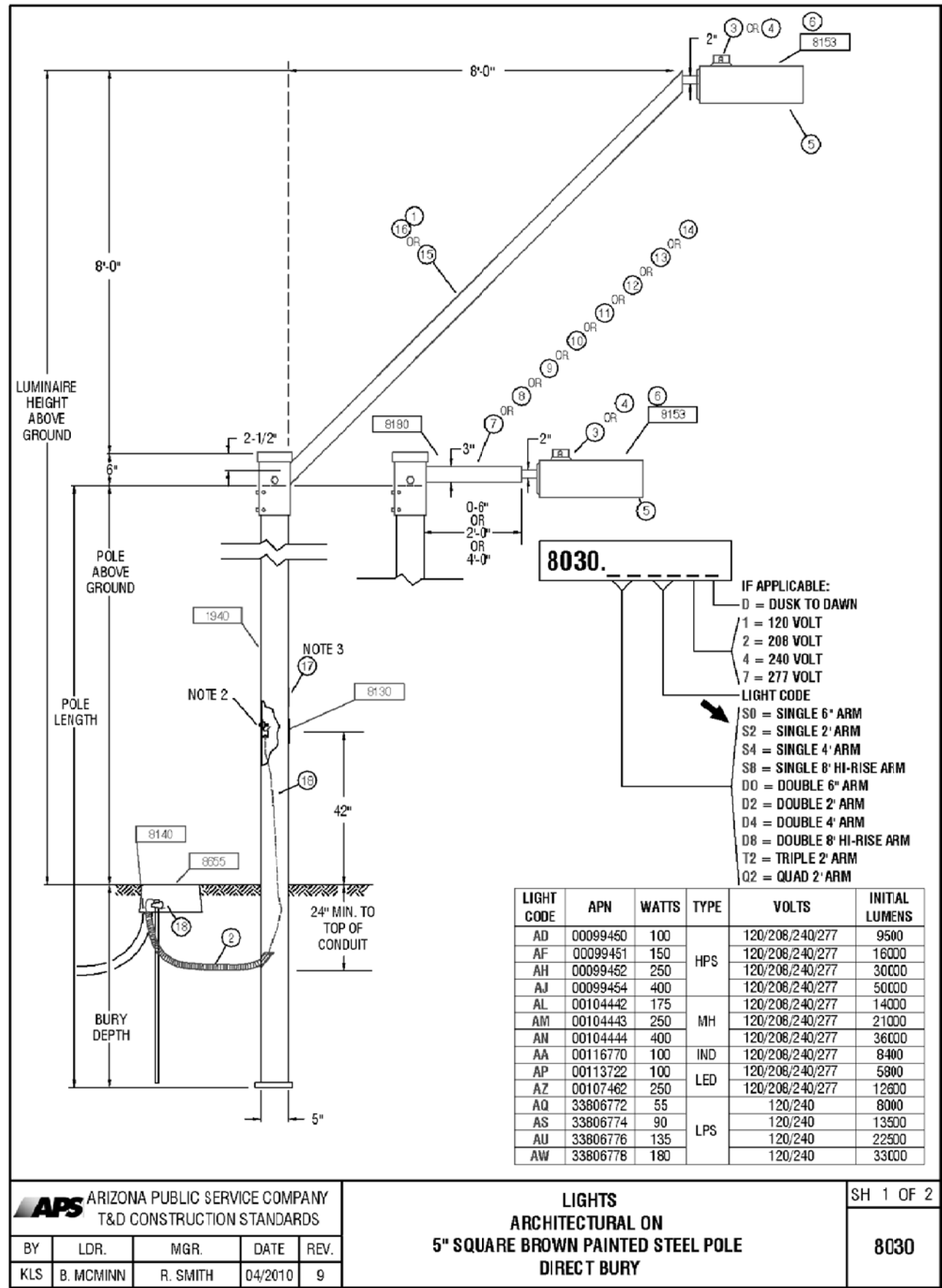
NOTE: ALL STREET LIGHTS TO BE 1' CLEAR OF SIDEWALKS



KEY NOTE	
1	INSTALL 41W, 3000K LED (4,800 LUMENS) BRONZE COBRAHEAD LUMINAIRE MOUNTED ON A 30'-6" DIRECT BURIED SQUARE STEEL POLE WITH A 2'-0" MAST ARM (25' MOUNTING HEIGHT). SEE APS STANDARD DETAIL 8030 AND APPLICABLE APS DETAILS ON SHEET SL4.



 DARCOR ELECTRICAL CONSULTING ENGINEERS		7800 N. 10TH ST. SUITE 212 PHOENIX, AZ 85020 Ph: (602) 795-2899 WWW.DARCORINC.COM	
PROJECT TITLE HOMESTEAD AT MARLEY PARK - PARCEL 4 SURPRISE, ARIZONA			
SHEET TITLE STREET LIGHTING PLAN VIEW - II			
DATE MAY 2018	DESIGNED: DAR	DWG No. SL3	SHEET 3 OF 4
SCALE AS SHOWN	DRAWN: BPR CHECKED: DAR	PROJ No. 18001	



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PROJECT TITLE
HOMESTEAD AT MARLEY PARK -
PARCEL 4 SURPRISE, ARIZONA

SHEET TITLE
STREET LIGHTING
DETAILS

DATE
MAY 2018

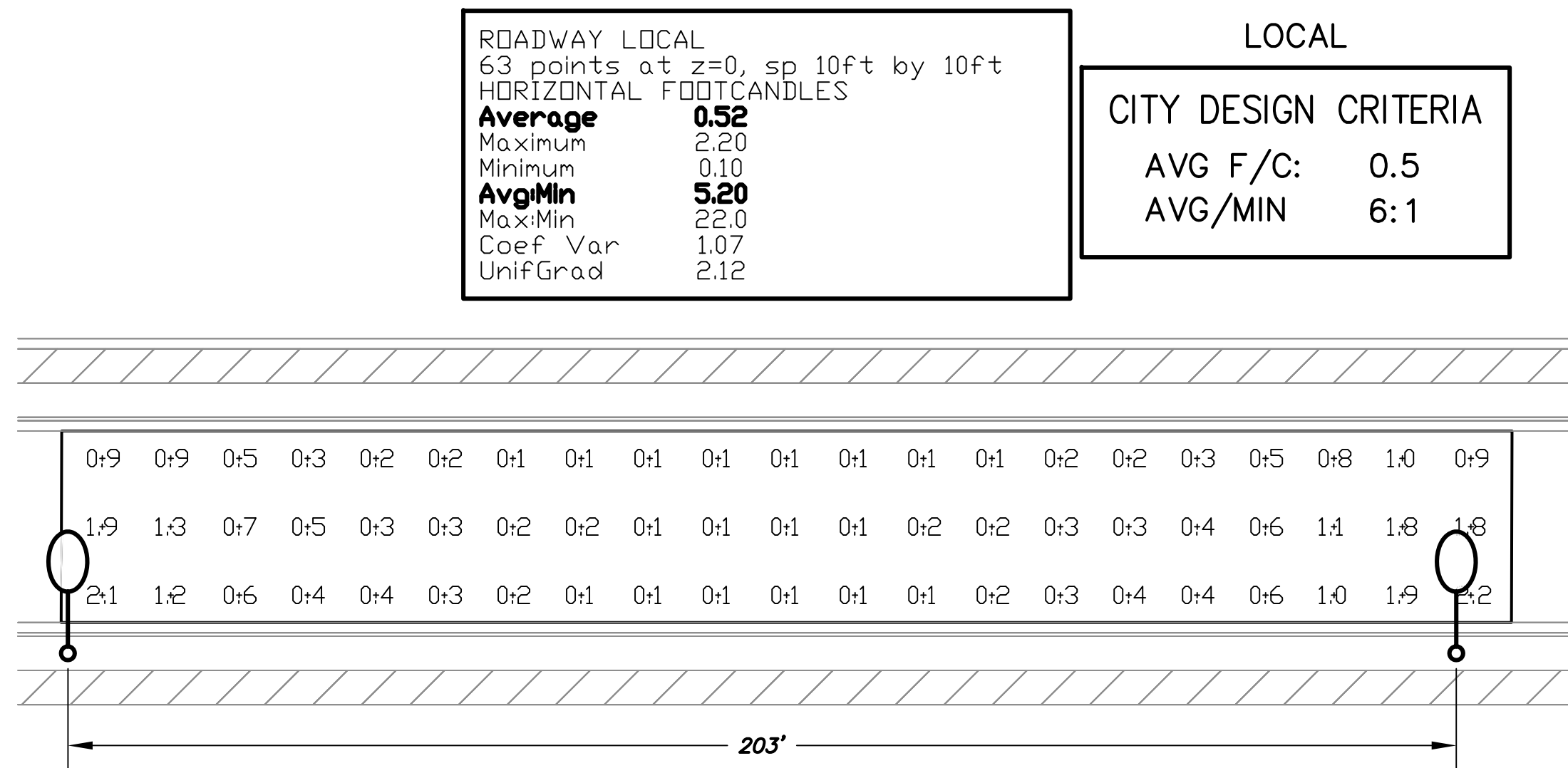
DESIGNED: DAR
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CHECKED: DAR

DWG No.
SL4

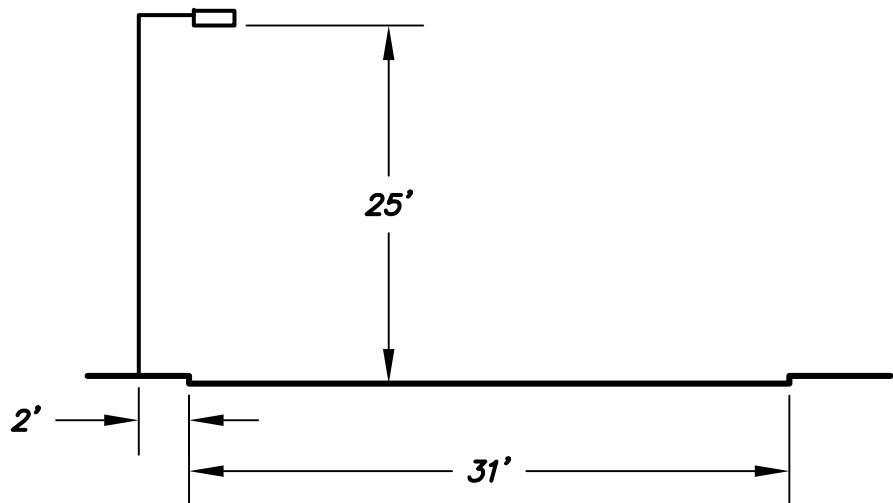
PROJ No.
18001

SHEET
4
OF
4

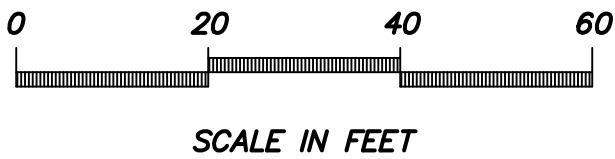
APS APPROVED LED STREET LIGHTS								
AS OF 3-15-18								
APN	LIGHT CODE	LAMP	WATTS	LUMENS	CCT	COLOR	G.E. MODEL NUMBER	IES CURVE NUMBER
141047	RL41	LED	32	3,800	3000K	DK BRONZE	ERL1004B130ADKBZGRX	ERL1_04B130-120-277V.IES
141048	RL41	LED	41	4,800	3000K	DK BRONZE	ERL1005E130ADKBZGRX	ERL1_05E130-120-277V.IES
141049	RL42	LED	88	8,200	3000K	DK BRONZE	ERL1008E130ADKBZGRX	ERL1_08E130.IES
141050	RL43	LED	108	11,100	3000K	DK BRONZE	ERLH011E130ADKBZGRX	ERLH_11E130.IES
141040	CL50	LED	32	3,800	3000K	GRAY	ERL1004B130AGRAYGRX	ERL1_04B130-120-277V.IES
141041	CL51	LED	41	4,800	3000K	GRAY	ERL1005E130AGRAYGRX	ERL1_05E130-120-277V.IES
141043	CL52	LED	88	8,200	3000K	GRAY	ERL1008E130AGRAYGRX	ERL1_08E130.IES
141045	CL53	LED	108	11,100	3000K	GRAY	ERLH011E130AGRAYGRX	ERLH_11E130.IES
128251	RL50	LED	32	3,900	4000K	DK BRONZE	ERL1004B140ADKBZGRX	ERL1_04B140-120-277V.IES
126804	RL51	LED	41	5,000	4000K	DK BRONZE	ERL1005E140ADKBZGRX	ERL1_05E140-120-277V.IES
126805	RL52	LED	88	8,500	4000K	DK BRONZE	ERL1008E140ADKBZGRX	ERL1_08E140.IES
	RL53	LED	108	11,500	4000K	DK BRONZE	ERLH011E140ADKBZGRX	ERLH_11E140.IES
128329	CL60	LED	32	3,900	4000K	GRAY	ERL1004B140AGRAYGRX	ERL1_04B140-120-277V.IES
128330	CL61	LED	41	5,000	4000K	GRAY	ERL1005E140AGRAYGRX	ERL1_05E140-120-277V.IES
128331	CL62	LED	88	8,500	4000K	GRAY	ERL1008E140AGRAYGRX	ERL1_08E140.IES
128332	CL63	LED	108	11,500	4000K	GRAY	ERLH011E140AGRAYGRX	ERLH_11E140.IES



WORST CASE SPACING FOR 31' WIDE ROADWAY
(LOCAL) (41W) (25' H)



LUMINAIRE INPUT DATA
GE Lighting Solutions
lamp(s): LED
candela file 'ERL1_05E130-120-277V.IES'
1 lamp(s) per luminaire, 4,800 initial lumens per lamp
Light Loss Factor = 0.9, watts per luminaire = 41
Outreach (from mounting axis to photometric center)= 30 in
mounting height= 25 ft



ALL PHOTOMETRIC CALCULATIONS ON THESE
PLANS REPRESENT ILLUMINANCE VALUES



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Ph: (602) 795-2899
WWW.DARCORINC.COM

PROJECT TITLE
HOMESTEAD AT MARLEY PARK -
PARCEL 4 SURPRISE, ARIZONA

SHEET TITLE
ROADWAY PHOTOMETRIC
CALCULATIONS

DATE MAY 2018	DESIGNED: DAR	DWG No. P1	SHEET 1 OF 1
SCALE N/A	DRAWN: BPR	PROJ No. 18001	
	CHECKED: DAR		

HOMESTEAD AT MARLEY PARK PHASE 4 & 5

PARCEL 5

STREET LIGHT DESIGN

STREET LIGHTING REQUIREMENTS

5.00 GENERAL NOTES:

THE FOLLOWING INFORMATION IS PROVIDED TO EMPHASIZE CRITICAL WORK AND IS INTENDED TO SUPPLEMENT THE SPECIFICATIONS. SHOULD THERE BE A CONFLICT WITH THE SPECIFICATIONS, THIS DOCUMENT SHALL TAKE PRECEDENCE.

ALTERNATES SHALL BE PRE-APPROVED BY THE CITY ENGINEERING MANAGER. APPROVAL OF ALTERNATE PRODUCTS SHALL BE ON AN EQUAL BASIS WITH THE PRODUCT SPECIFIED AND SHALL BE SUBMITTED A MINIMUM OF TEN (10) DAYS PRIOR TO BID OPENING. STRUCTURAL CALCULATIONS SHALL BE FURNISHED FOR ALTERNATE PRODUCTS AND CERTIFIED BY A STRUCTURAL ENGINEER, REGISTERED IN THE STATE OF ARIZONA. LUMINAIRES AND LAMPS SHALL MEET OR EXCEED THE PHOTOMETRIC, ELECTRICAL, AND MECHANICAL REQUIREMENTS FOR THE SPECIFIED PRODUCTS.

THE CONTRACTOR SHALL COMPLY WITH STATE AND CITY STATUTES, AND MANUFACTURER'S RECOMMENDATIONS.

THE SUBMITTAL PACKAGE SHALL CONSIST OF THREE (3) COPIES OF EQUIPMENT/MATERIAL TO BE INSTALLED AND SHALL BE BOUND/STAPLED IN A FOLDER AND SUBMITTED AT THE TIME OF PERMIT APPLICATION.

PRIOR TO SUBMITTING A PROPOSAL, THE BIDDER SHALL EXAMINE ALL GENERAL CONSTRUCTION DRAWINGS AND VISIT THE CONSTRUCTION SITE TO BECOME FAMILIAR WITH EXISTING CONDITIONS UNDER WHICH HE WILL OPERATE AND WHICH WILL IN ANY WAY AFFECT THE WORK UNDER THE CONTRACT. NO SUBSEQUENT ALLOWANCE WILL BE MADE IN THIS CONNECTION IN THE BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLIGENCE ON HIS PART.

PRIOR TO ORDERING ANY MATERIALS OR DOING ANY WORK, THE CONTRACTOR SHOULD VERIFY DIMENSIONS AT THE SITE. IMMEDIATELY REPORT DIFFERENCES TO THE ENGINEERING MGR. AND SHOULD NOT PROCEED WITH WORK UNTIL THE ENGINEERING MGR. RENDERS A DECISION. NO EXTRA CHARGES OR COMPENSATION WILL BE ALLOWED FOR DIFFERENCES IN ACTUAL DIMENSIONS AND DIMENSIONS INDICATED ON THE DRAWINGS.

5.01 GENERAL:

THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH ALL LICENSING REQUIREMENTS SET FORTH BY THE STATE REGISTRAR OF CONTRACTORS OFFICE TO PERFORM WORK RELATING TO STREET LIGHT INSTALLATION IN THE CITY RIGHT-OF-WAY.

ONE PROJECT UNDERGROUND UTILITIES (RIGHT OF WAY) PERMIT AND ONE STREETLIGHT PERMIT FOR EACH STREET LIGHT POLE SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

5.02 WORKING / "AS BUILT" PLANS:

ACCEPTANCE OF THE COMPLETED IMPROVEMENTS WILL NOT BE GIVEN UNTIL 4 MIL PHOTO MYLAR REPRODUCIBLE "AS BUILT" PLANS HAVE BEEN SUBMITTED TO AND APPROVED BY THE CITY ENGINEER.

5.03 LIGHT POLES:

LIGHT POLES SHALL BE INSTALLED PLUMB, BE ADJUSTED TO PROVIDE PROPER ALIGNMENT TO THE ROADWAY BEING LIGHTED AND BE PROPERLY GROUNDED WHEN THE INSTALLATION IS COMPLETE.

5.04 EMBEDMENT:

DIRECT BURIED POLES SHALL BE SET IN A TWELVE (12) INCH AUGURED HOLE DEPTH AS SPECIFIED IN UNDISTURBED EARTH. POLE SHALL BE SET PLUMB IN TWO DIRECTIONS 90 DEGREES APART. HAND TAMPING OF ABC BACKFILL WITH PNEUMATIC OR VIBRATING EQUIPMENT IS THE ACCEPTABLE METHOD OF COMPACTION. BACKFILL SHALL BE COMPACTED TO 85% OF MAXIMUM DENSITY AS DEFINED BY ASTM D-2922 AND D-3017. A GROUND ROD SHALL BE INSTALLED ADJACENT TO PULL BOX IN UNDISTURBED SOIL AND A LEAD IN COPPER BOND WIRE (#6) SHALL BE INSTALLED IN 1" CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT (OR EQUAL) FOR POLE GROUNDING.

SURPLUS EXCAVATION SHALL BE DISPOSED OF BY THE CONTRACTOR.

5.05 LUMINAIRES:

LUMINAIRES SHALL BE INSTALLED LEVEL AND INCLUDE A LAMP AND PHOTOCCELL. CONTRACTOR SHALL ASSURE THAT THE LUMINAIRES SHALL BE FREE OF DUST, DIRT OR ANYTHING THAT WOULD IMPAIR THE OUTPUT OF THE LIGHT BEFORE HE LEAVES THE SITE.

LUMINAIRES FURNISHED WITH MULTI-TAP BALLASTS SHALL BE REWIRED OR RECONNECTED TO MATCH THE VOLTAGE SUPPLIED BY THE ELECTRIC UTILITY COMPANY.

5.06 WIRING:

WIRING SHALL BE INSTALLED PER UTILITY STANDARDS.

5.07 GROUNDING:

EACH POLE SHALL HAVE A 8' x 5/8" COPPER CLAD GROUND ROD DRIVEN ADJACENT TO PULL BOX. A #6 BARE COPPER LEAD FROM THE GROUND ROD IN PULL BOX TO LANDING LUG IN STREET LIGHT POLE HAND HOLE.

5.08 PULL BOXES:

EXCAVATION FOR PULL BOXES AND MATERIAL SPECIFICATION SHALL BE PER THE ELECTRIC UTILITY COMPANY STANDARDS.

5.09 TRENCH

TRENCH SHALL BE INSTALLED PER THE UTILITY COMPANY STANDARDS.

THE USE OF A COMMON ELECTRIC UTILITY COMPANY TRENCH IS PERMITTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE UTILITY COMPANY FOR COORDINATION OF TRENCHING AND THE INSTALLATION OF CONDUIT.

CONDUIT SHALL BE INSTALLED AT THE DEPTH SPECIFIED ON THE PLANS. CONDUIT SHALL BE 1 INCH CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT OR EQUAL. CONDUIT MUST BE UL RATED AND SUITABLE FOR UNDERGROUND USE.

CONNECTIONS SHALL BE PER UTILITY STANDARDS.

5.12 LIGHT POLE IDENTIFICATION:

THE CONTRACTOR SHALL FURNISH AND INSTALL A NUMBER ON EACH LIGHT POLE. STREET LIGHT POLE IDENTIFICATION AND SPECIFICATIONS WILL BE PROVIDED BY THE CITY OF SURPRISE.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO RESTORE ALL PROPERTY, LANDSCAPING, PAVING AND DRIVEWAYS THAT ARE DISTURBED DURING STREET LIGHT CONSTRUCTION TO THEIR ORIGINAL CONDITION IN CONFORMANCE WITH "MAG" SPECIFICATION SECTION 107.9.

THE DEVELOPER SHALL BE RESPONSIBLE FOR FURNISHING ALL PERSONNEL AND EQUIPMENT TO SUCCESSFULLY PERFORM THE FOLLOWING TEST.

PRIOR TO ACCEPTANCE, THE DEVELOPER SHALL ENERGIZE AND OPERATE THE ENTIRE ROADWAY LIGHTING SYSTEM, FROM SUNSET TO SUNRISE FOR TWO CONSECUTIVE DAYS WITHOUT INTERRUPTION OR FAILURE. IF A LAMP OR BALLAST SHOULD FAIL, IT SHALL BE IMMEDIATELY REPLACED.

THE CONTRACTOR SHALL GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE ENGINEERING MANAGER, AGAINST IMPERFECT WORKMANSHIP, FAILURE, MALFUNCTION OF MATERIALS AND/OR EQUIPMENT DUE TO FAULTY OR IMPERFECT WORKMANSHIP. THIS GUARANTEE IS TO BE IN WRITING TO THE CITY AT THE TIME OF ISSUING FINAL ACCEPTANCE. WORK FOUND TO BE DEFECTIVE WITHIN THE WARRANTY PERIOD SHALL BE REPLACED WITHOUT COST TO THE CITY.

GENERAL ENGINEERING NOTES:

- ALL CONSTRUCTION MUST CONFORM TO MARICOPA ASSOCIATION OF GOVERNMENT (MAG) SPECIFICATIONS AND DETAILS AND LATEST REVISIONS UNLESS OTHERWISE STATED ON PLANS.
- THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND THEY WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL OVERHEAD AND UNDERGROUND UTILITY LOCATIONS WHERE CONSTRUCTION OCCURS. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT ALL UTILITIES ARE AVOIDED. UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND NOT FOR CONSTRUCTION PURPOSES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AND OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT ARIZONA UNDERGROUND FACILITIES LAWS (ARIZONA REVISED STATUTES TITLE 40, CHAPTER 2, ARTICLE 6.3, SECTION 40-360.21-32). CALL ARIZONA 811 FOR FIELD LOCATION BY DIAL 811.
- THE CITY OF SURPRISE ENGINEERING SERVICES OF PUBLIC WORKS SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK AT 623-222-6150.
- THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION OR VARIANCE FROM THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE PROPOSED AND RESUBMITTED FOR REVIEW AND APPROVAL.
- THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE DRAWING, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE. EXISTING SURFACE FEATURES AND FENCING SHALL BE REPLACED IN KIND.
- ANY INSPECTION BY THE CITY, COUNTY, OR THE ENGINEER, SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE APPLICABLE CODES AND AGENCY REQUIREMENTS.
- THE CONTRACTOR IS TO LOCATE ALL EXISTING LANDSCAPING, LANDSCAPING IRRIGATION LINES, PROPERTY MONUMENTS, FENCING OR SURFACE FEATURES PRIOR TO CONSTRUCTION. ANYTHING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
- NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
- ALL CONSTRUCTION WATER USED WITHIN THE CITY OF SURPRISE WATER SERVICE AREA REQUIRES APPROVAL BY THE CITY OF SURPRISE PUBLIC WORKS DEPARTMENT AND MAY BE SUBJECT TO VOLUME AND TIME RESTRICTIONS. PLEASE SEE THE CITY OF SURPRISE CONSTRUCTION WATER GUIDELINES FOR ADDITIONAL INFORMATION. THE GUIDELINES CAN BE OBTAINED FROM THE PUBLIC WORKS DEPARTMENT AT 623-222-6000.
- TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH MAG SPECIFICATION 401, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND THE "TEMPORARY WORK ZONE TRAFFIC MANAGEMENT POLICY" (LATEST EDITION).
- PRIOR TO FINAL APPROVAL AND ACCEPTANCE OF THE WORK, THE DEVELOPER/CONTRACTOR WILL BE REQUIRED TO CLEAN AND REPAIR ADJACENT (OFF-PROJECT) ROADWAYS USED OR DAMAGED DURING THE COURSE OF CONSTRUCTION.
- EMERGENCY VEHICLE ACCESS (E.V.A.) MUST BE PROVIDED BY THE DEVELOPER/CONTRACTOR THROUGHOUT THE PROJECT SITE. E.V.A. ROADS AND SIGNAGE SHALL BE MAINTAINED BY THE DEVELOPER/CONTRACTOR AT ALL TIMES. SIGNAGE SHALL BE POSTED AT THE POINT OF ENTRY TO THE SITE AND AT ALL LOCATIONS WHERE A CHANGE IN DIRECTION OCCURS.
- THE PLANS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT'S ACCESSIBILITY GUIDELINES, AS PUBLISHED IN THE FEDERAL REGISTER ON SEPTEMBER 15, 2010.

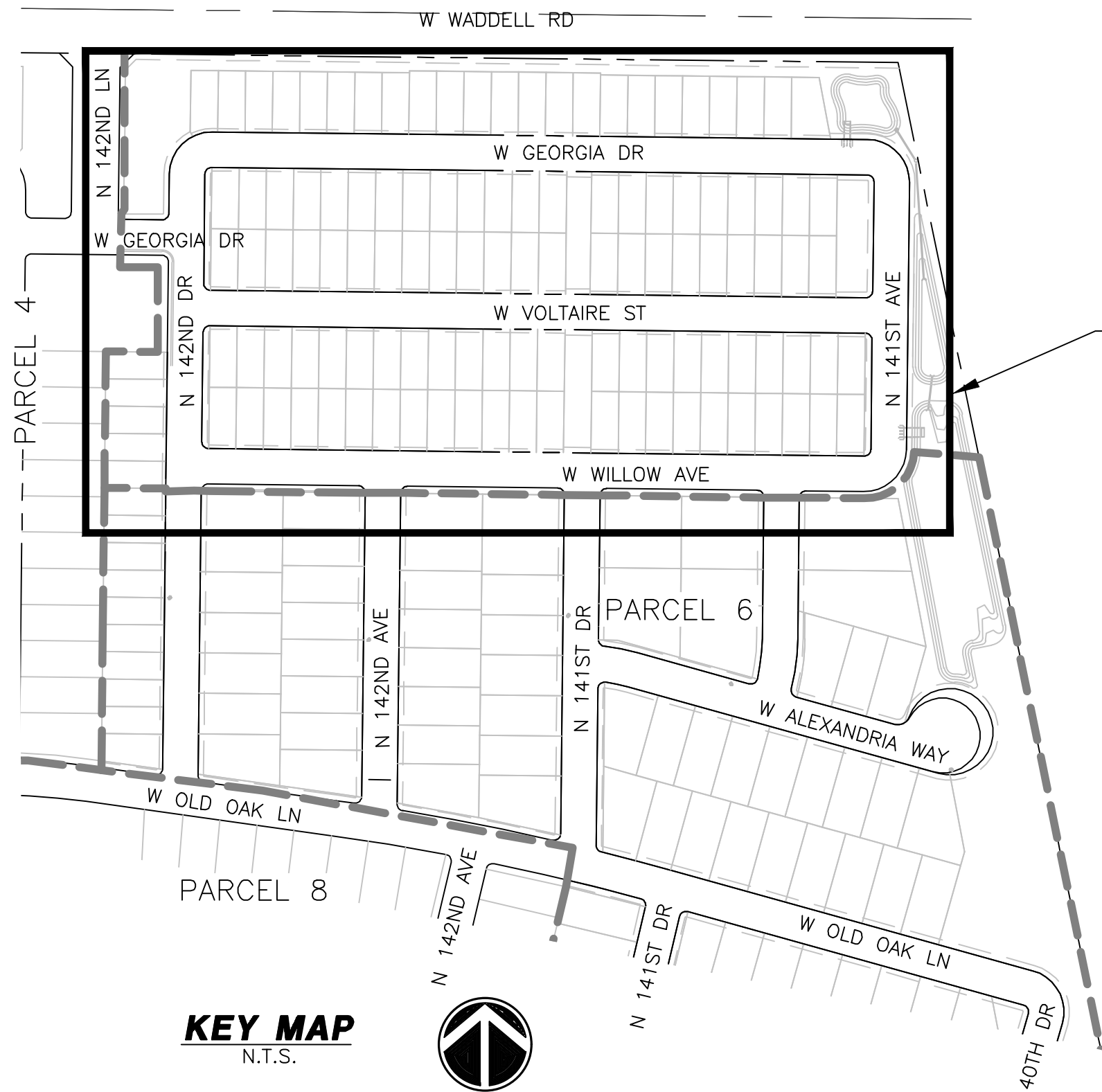
UTILITIES WITHIN OR AFFECTED BY THE PROJECT		
UTILITY CONTACT	DATE SUBMITTED	
ARIZONA PUBLIC SERVICE	4/06/2018	
CENTURY LINK	4/06/2018	
COX COMMUNICATIONS	4/06/2018	
COS WATER	4/06/2018	
SOUTHWEST GAS	4/06/2018	

NOTE

THE ELECTRICAL/MAINTENANCE COSTS OF ALL STREET LIGHTS ON LOCAL AND COLLECTOR STREETS ARE TO BE PAID BY THE ADJACENT PROJECT OR THE ADJACENT DEVELOPMENT'S STREET LIGHT IMPROVEMENT DISTRICT (SLID). THE ELECTRICAL / MAINTENANCE COSTS OF ALL STREET LIGHTS ON ARTERIAL STREETS ARE TO BE BILLED TO THE CITY OF SURPRISE'S ENERGY BILL.

LED NOTE

LED TECHNOLOGY IS CHANGING RAPIDLY. THE FIXTURES SHOWN ON THESE PLANS MAY NOT BE APPLICABLE AT TIME OF CONSTRUCTION. CONTRACTOR TO COORDINATE WITH APS AND UTILIZE THEIR CURRENT SPECIFICATION AT THE TIME OF BIDDING AND CONSTRUCTION.



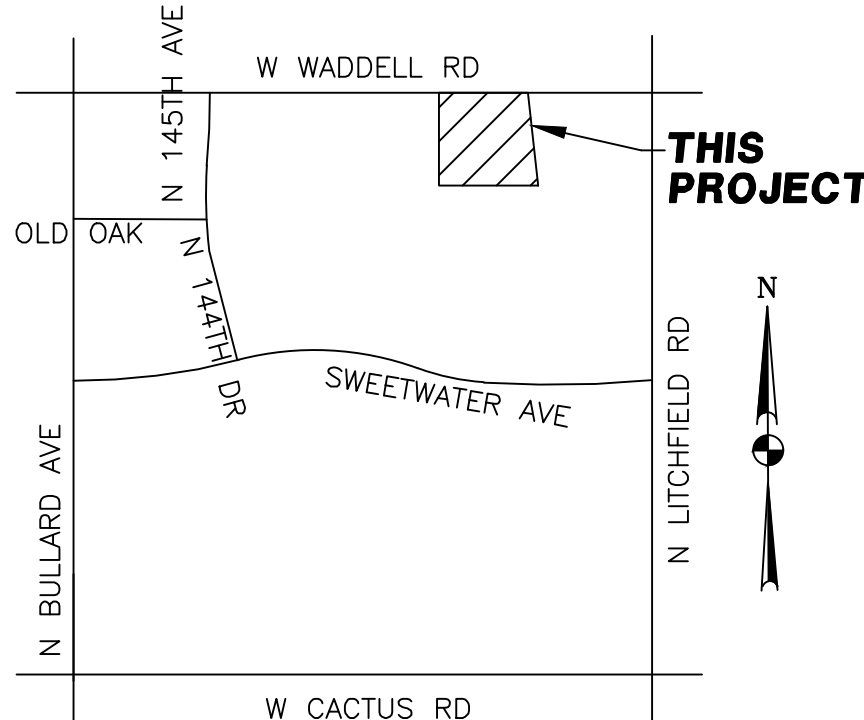
CITY OF SURPRISE APPROVAL

THIS SET OF PLANS HAS BEEN REVIEWED FOR COMPLIANCE WITH CITY REQUIREMENTS PRIOR TO ISSUANCE OF PERMITS. THE CITY NEITHER ACCEPTS NOR ASSUMES ANY LIABILITY FOR ERRORS OR OMISSIONS. THIS COMPLIANCE APPROVAL SHALL NOT PREVENT THE CITY ENGINEER FROM REQUIRING CORRECTIONS OF ERRORS OR OMISSIONS IN PLANS FOUND TO BE IN VIOLATION OF LAW OR ORDINANCES.

CITY OF SURPRISE ENGINEER

DATE

STREET LIGHTING (APS AREA)															
KEY NO.	SYMBOL	STREET TYPE	OFFSET BEHIND B/C	QUANTITY	POLE		MAST ARM	LUMINAIRE						APS STANDARD CODE NO.	
					POLE HEIGHT	FOUNDATION		SIZE	MOUNTING HEIGHT	LUMENS	WATTAGE	I.E.S. DIST.	VOLTAGE		TYPE
①		LOCAL	PER PLANS	20	38'-0"	DIRECT BURY	2'-0"	31'-6"	4,800	41 W	TYPE II	*	LED	ARCHITECTURAL (SHOEBOX)	8030.S2.RL43
②		LOCAL	PER PLANS	2	38'-0"	DIRECT BURY	2'-0"	31'-6"	8,200	88 W	TYPE II	*	LED	ARCHITECTURAL (SHOEBOX)	8030.S2.RL43



VICINITY MAP N.T.S.

SHEET INDEX

COVER SHEET	SL1
STREET LIGHT PLAN	SL2
STREET LIGHT DETAILS & PHOTOMETRICS	SL3
PHOTOMETRICS	SL4

CIVIL ENGINEER
EPS GROUP, INC.
2045 S. VINEYARD, SUITE 101
MESA, AZ 85210
PHONE: (480) 503-2250
CONTACT: JOHN MCGHEE, P.E.

OWNER
MERITAGE HOMES
8800 E RAINTREE DR, SUITE 300
SCOTTSDALE, AZ 85260
PHONE: (480) 515-8251
CONTACT: JASON JARVIS

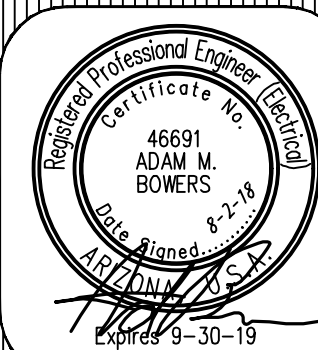
WRIGHT ENGINEERING
PROJECT NO:
18053-02
DESIGN BY: JKS
DRAWN BY: JKS
CHECKED BY: AMB

WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:

SURPRISE, ARIZONA
HOMESTEAD AT MARLEY PARK
PHASE 4 & 5 - PARCEL 5
STREET LIGHT COVER SHEET

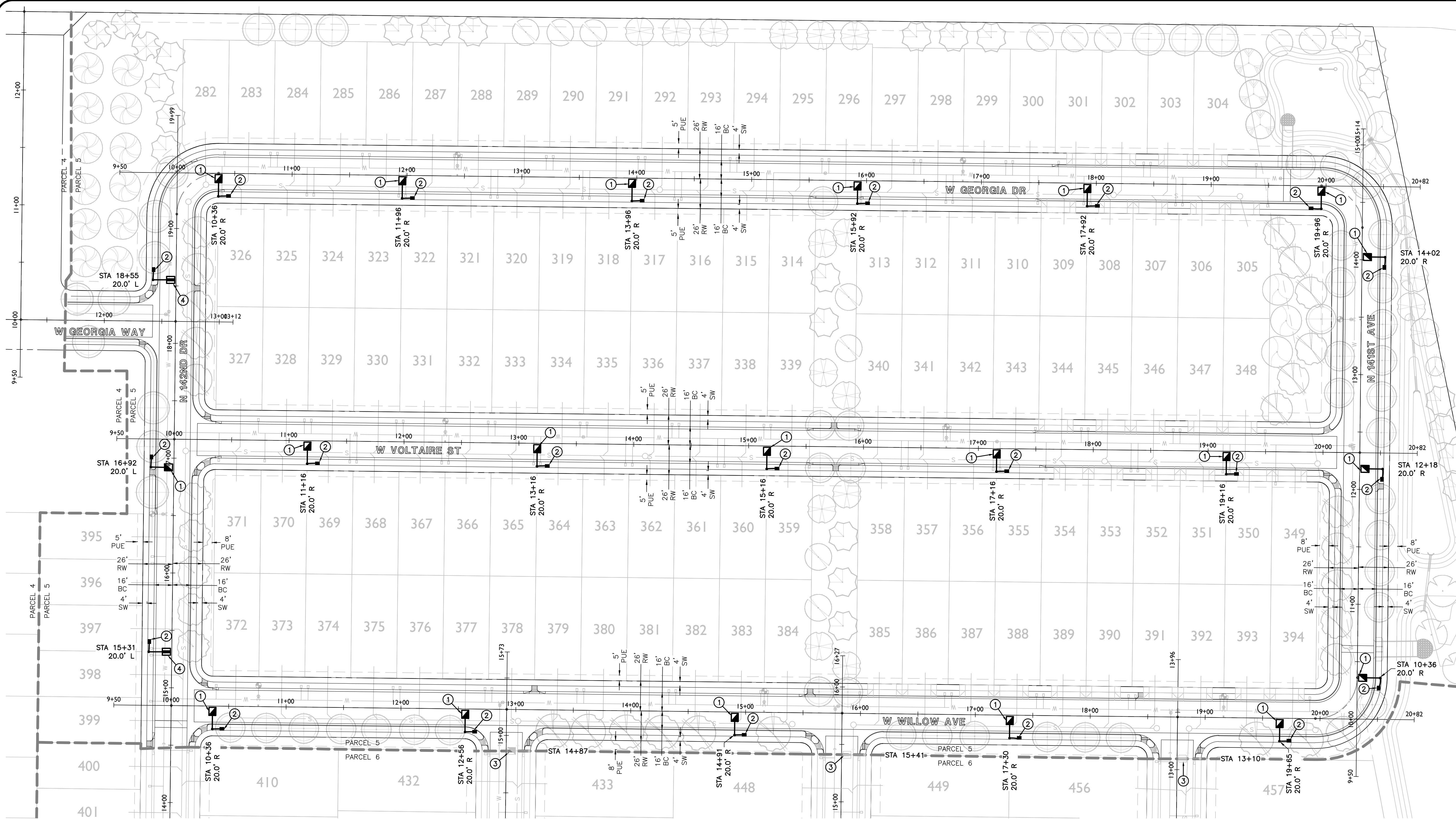
NO.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
1	MAY 2018	1ST SUBMITTAL
2	JUL 2018	2ND SUBMITTAL
3	AUG 2018	3RD SUBMITTAL



DRAWING NO:
SL1
OF 4



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CONSTRUCTION NOTES

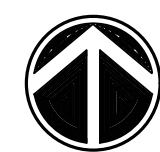
- (1) 41W LED (4,800 LUMEN) FIXTURE (LIGHT CODE RL41) WITH PHOTOELECTRIC CONTROL ON A 38'-0" DIRECT BURIED POLE (1940.38) WITH A 2" MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL3). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.
- INSTALL APS PULL BOX NEXT TO POLE. INSTALL 1" CONDUIT WITH (2) #14 TYPE THHN/THWN AND (1) #14 BARE BOND FROM PULL BOX TO FUSE HOLDER IN STREET LIGHT PER APS DETAILS AND SPECIFICATIONS.
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LEGEND

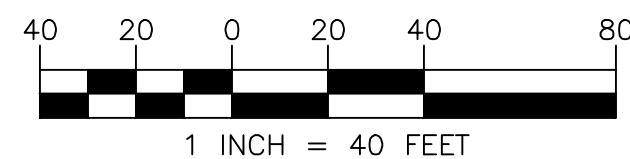
- 41W LED SHOEBOX STREET LIGHT
- 88W LED SHOEBOX STREET LIGHT
- STREET LIGHT PER SEPARATE PLAN
- STREET LIGHT PER SEPARATE PLAN
- FUTURE STREET LIGHT
- PULL BOX
- NEW CONDUIT RUN
- FIRE HYDRANT

ROADWAY SCALEABLE LED 3000K

LIGHT CODE	COLOR	APN	WATTS	VOLTS	INITIAL LUMENS	PHOTOMETRIC CURVE
RL40		00141047	32	120/208/240/277	3,800	ERL1_04B130_120-277VIES
RL41		00141048	41	120/208/240/277	4,800	ERL1_05E130_120-277VIES
RL42	DKBZ	00141049	88	120/208/240/277	8,200	ERL1_08E130_120-277VIES
RL43		00141050	108	120/208/240/277	11,000	ERS1_11E130_120-277VIES
RL44		00141051	162	120/208/240/277	19,000	ERS2_19E130_120-277VIES



GRAPHIC SCALE



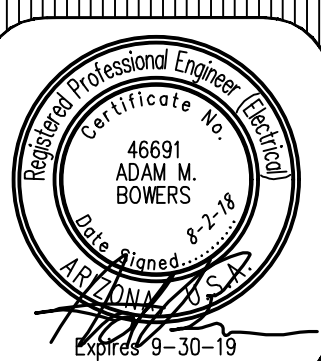
WRIGHT ENGINEERING
PROJECT NO:
18053-02
DESIGN BY: JKS
DRAWN BY: JKS
CHECKED BY: AMB

WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:

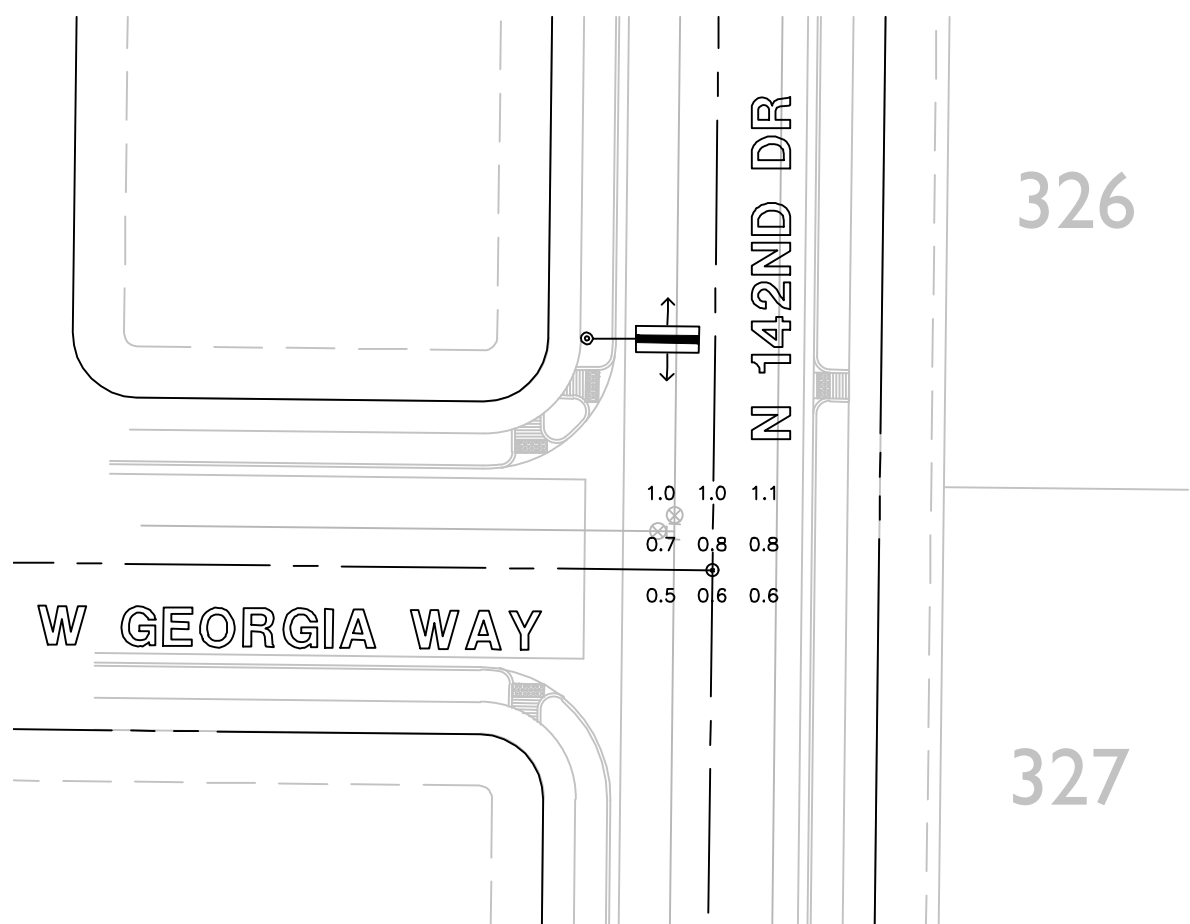
SURPRISE, ARIZONA
HOMESTEAD AT MARLEY PARK
PHASE 4 & 5 - PARCEL 5
STREET LIGHT PLAN

NO.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
1	MAY 2018	1ST SUBMITTAL
2	JUL 2018	2ND SUBMITTAL
3	AUG 2018	3RD SUBMITTAL

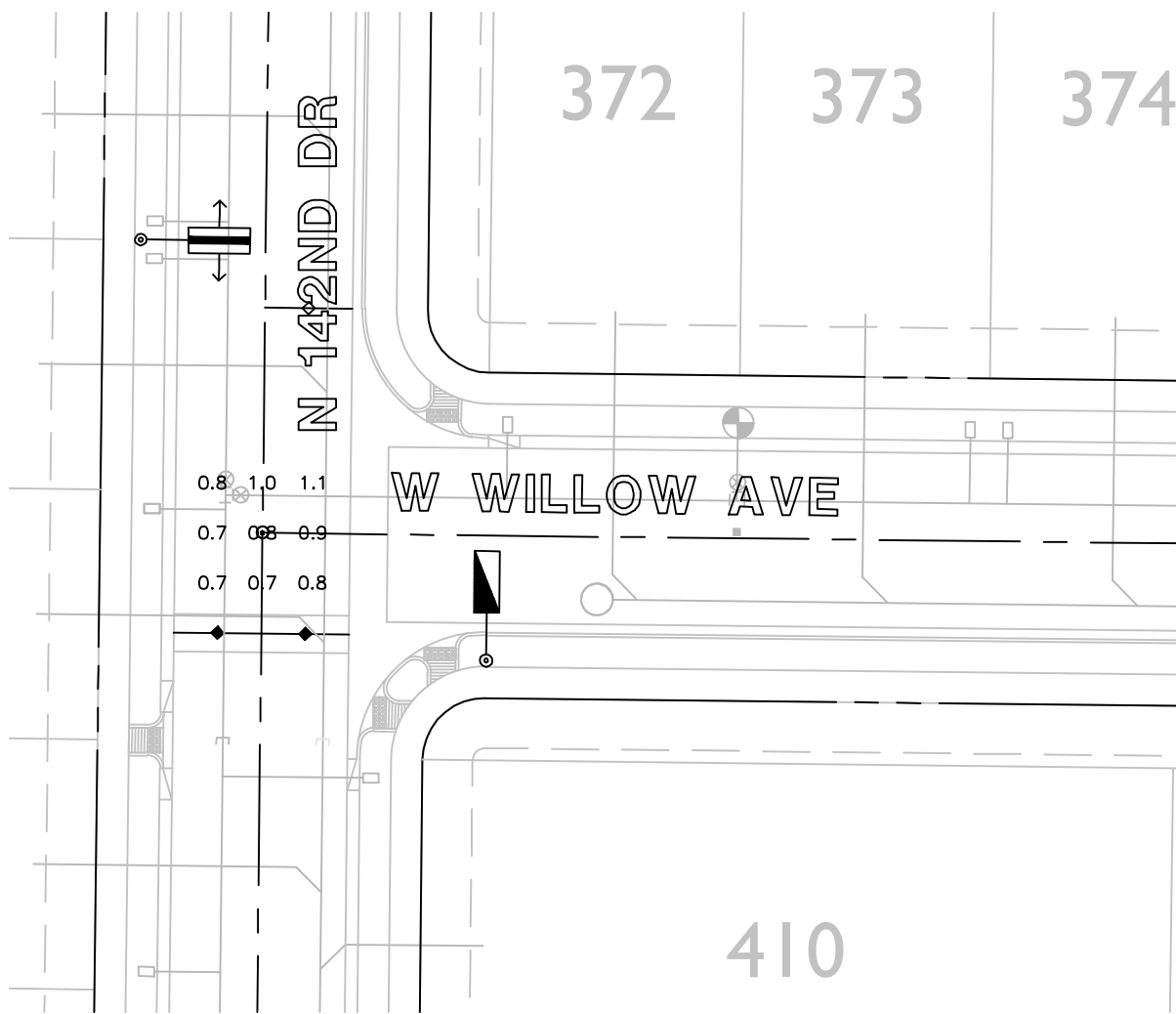


DRAWING NO:
SL2
OF 4

H:\2018\18053-Morley Park Phase 4&5\18053-Parcel 5-SLDwg



INT - W GEORGIA DR & N 142ND DR
9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.1
Minimum 0.5
Avg:Min 1.58
Max:Min 2.20
Coef Var 0.25
UnifGrad 1.43

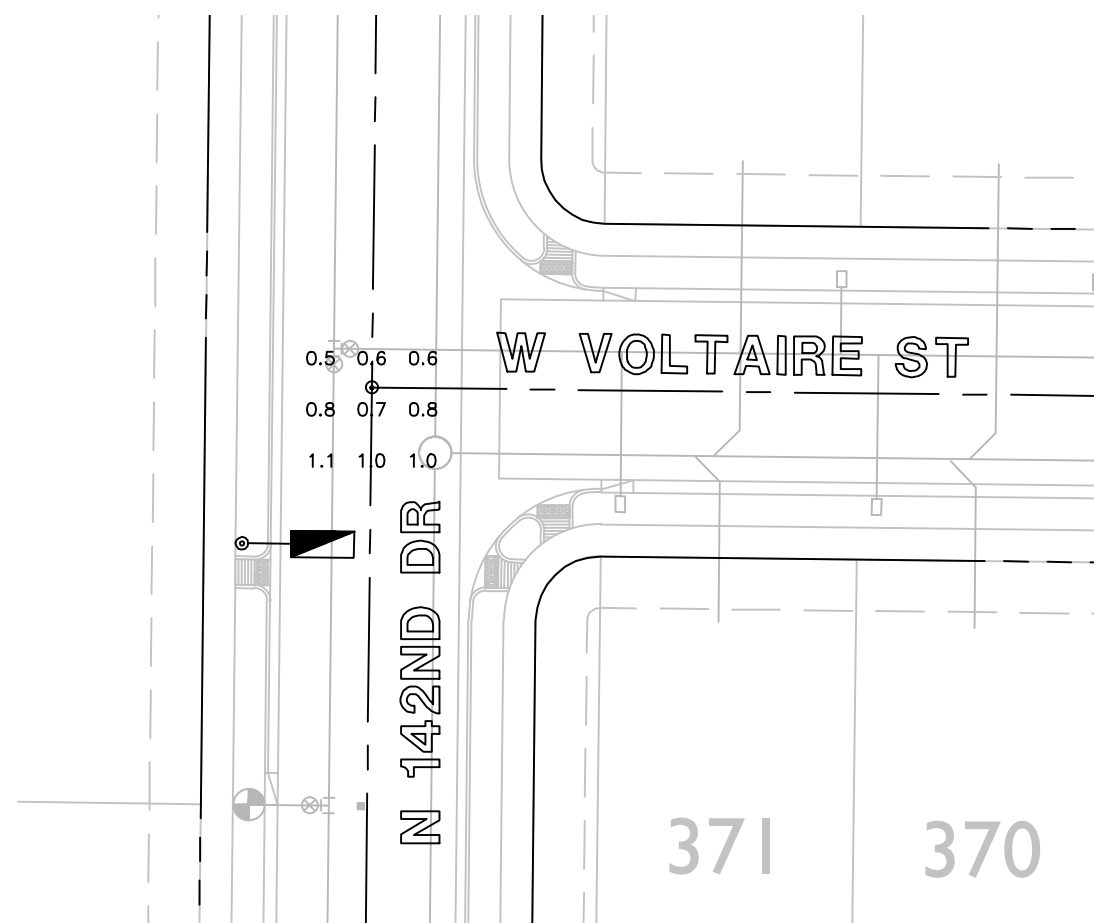


INT - W WILLOW AVE & N 142ND DR
9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.1
Minimum 0.7
Avg:Min 1.19
Max:Min 1.57
Coef Var 0.16
UnifGrad 1.25

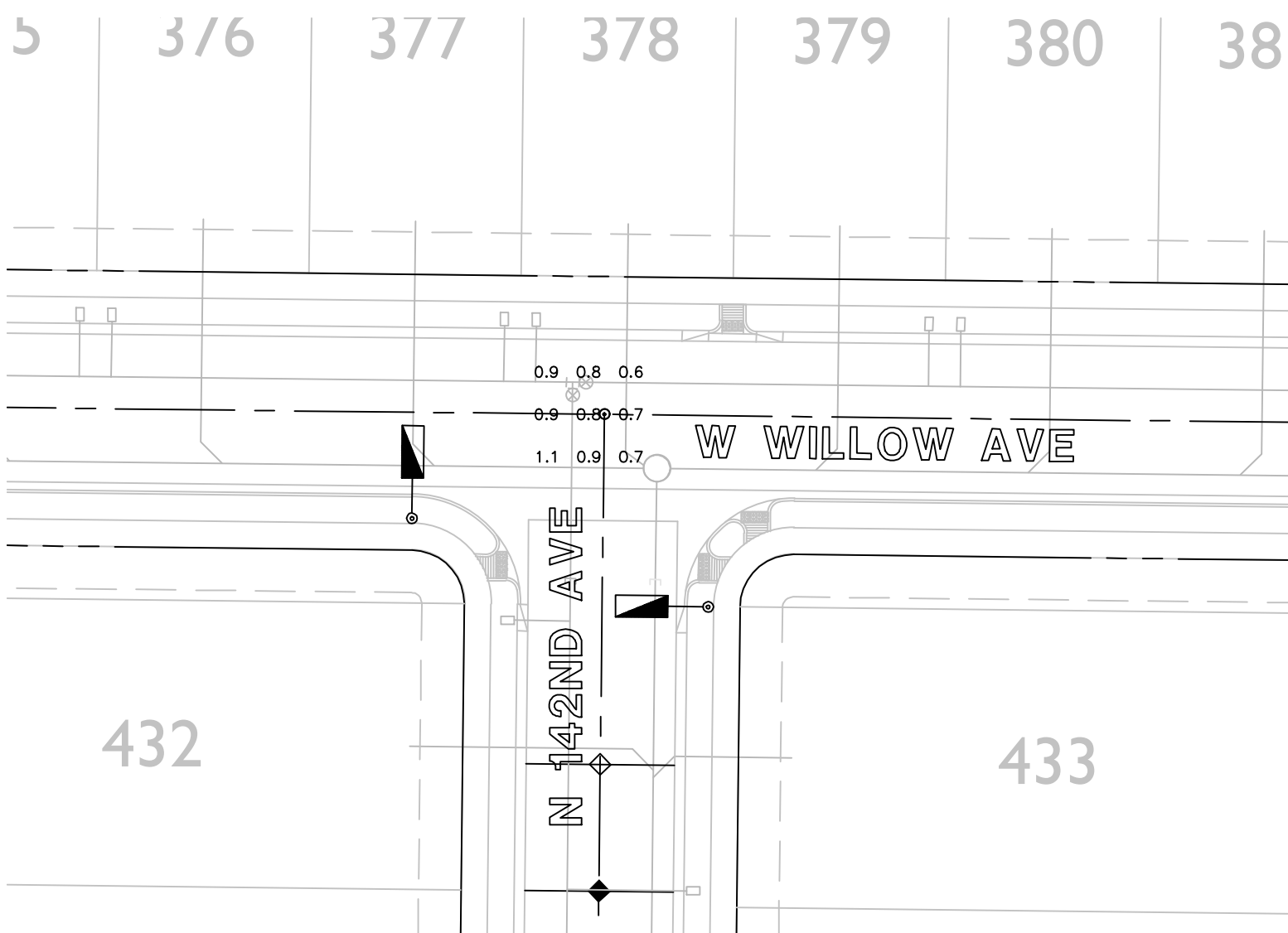
LEGEND

88W LED
2' MAST ARM
candela file 'er1_08e130_tcm201-103998.ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 88
mounting height= 31.5 ft
number locations= 5, number luminaires= 5
kw all locations= 0.4

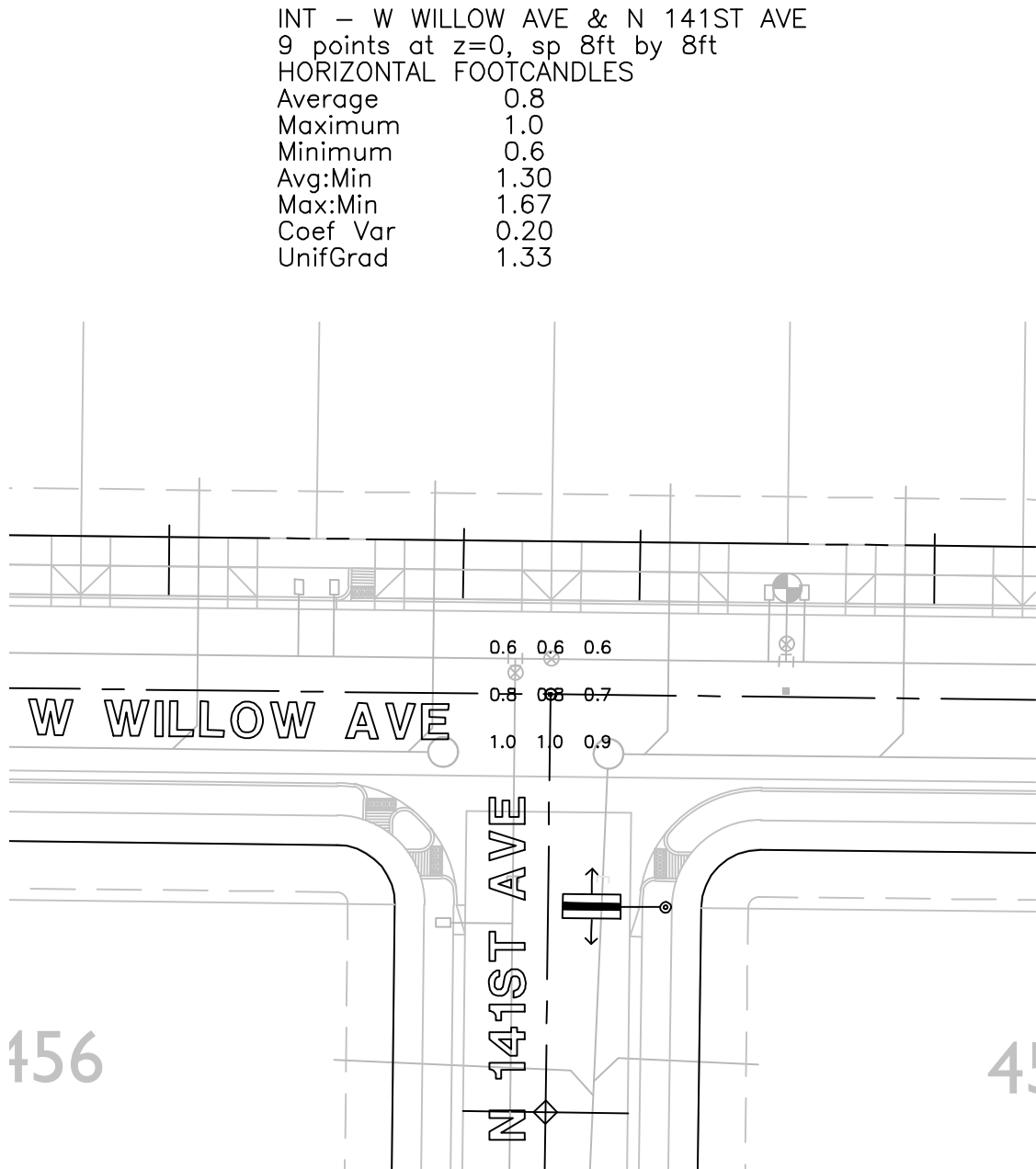
41W LED SHOEBOX
candela file 'er1_05e130-120-277v_tcm201-103950.ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 41
mounting height= 31.5 ft
number locations= 15, number luminaires= 15
kw all locations= 0.6



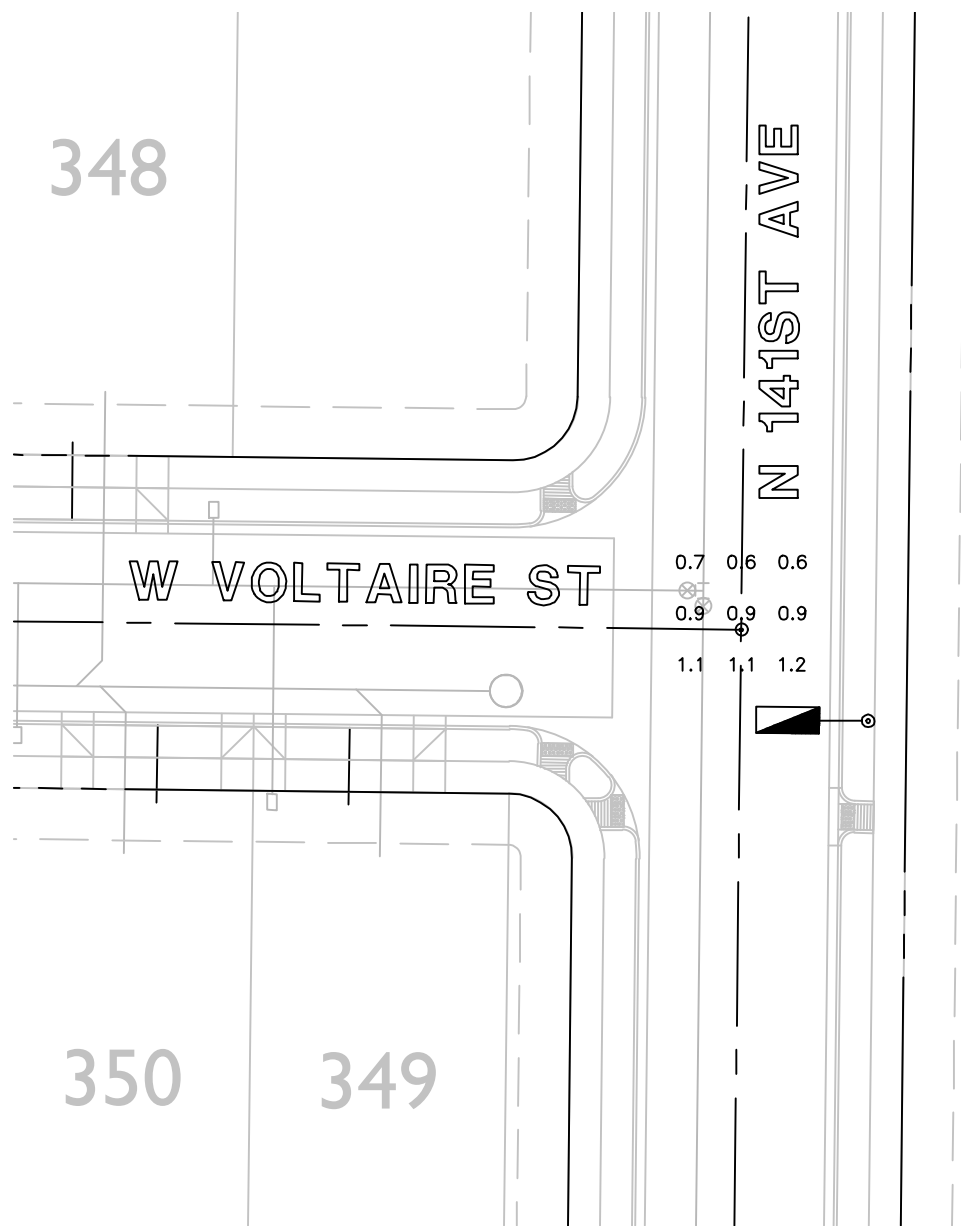
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9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
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Maximum 1.1
Minimum 0.5
Avg:Min 1.58
Max:Min 2.20
Coef Var 0.25
UnifGrad 1.60



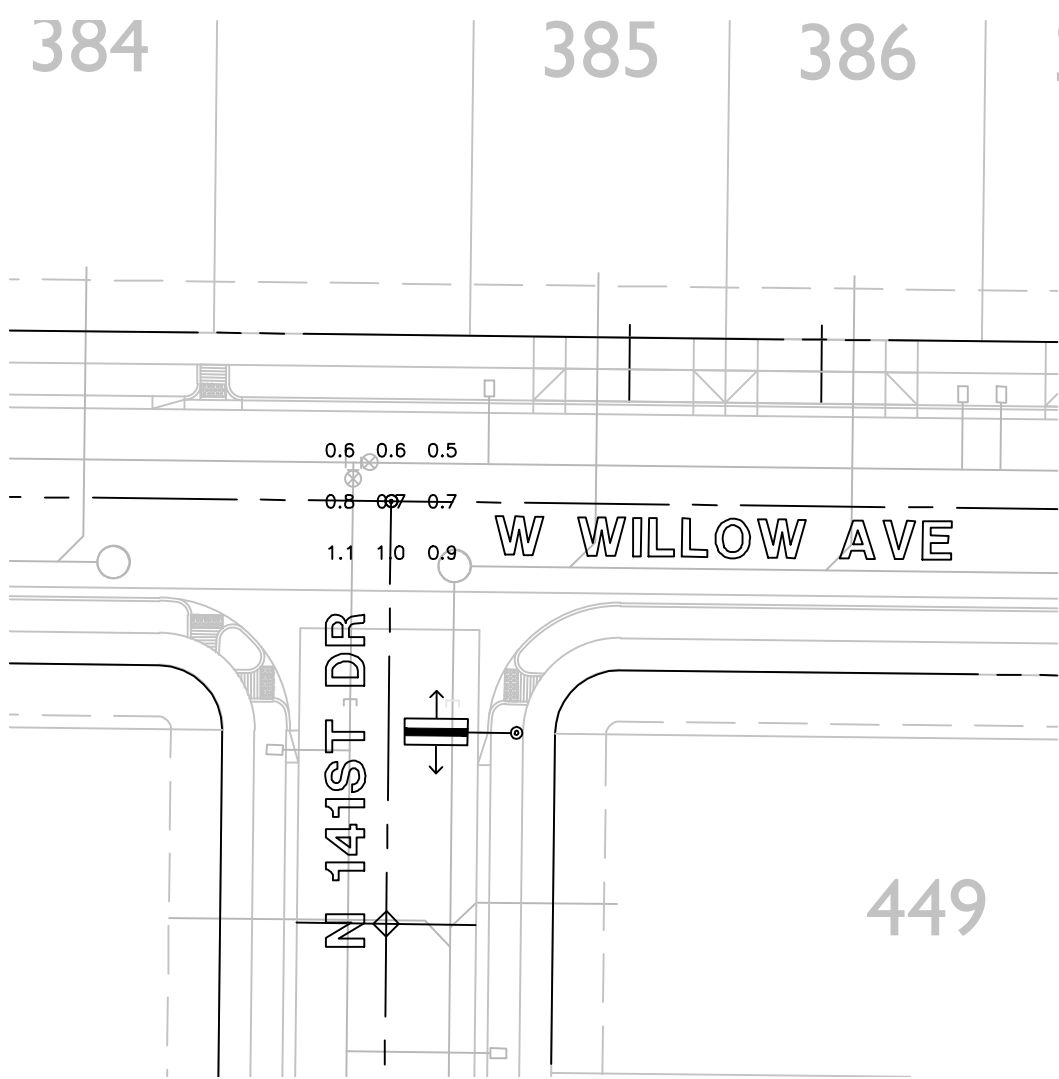
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9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
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Maximum 1.1
Minimum 0.6
Avg:Min 1.37
Max:Min 1.83
Coef Var 0.17
UnifGrad 1.33



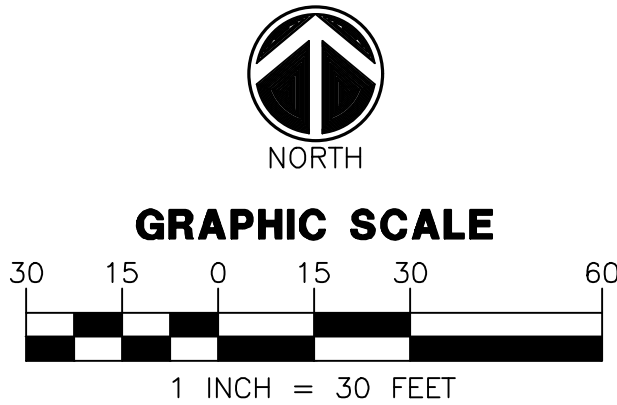
INT - W WILLOW AVE & N 141ST AVE
9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.0
Minimum 0.6
Avg:Min 1.30
Max:Min 1.67
Coef Var 0.20
UnifGrad 1.33



INT - W VOLTAIRE ST & N 141ST AVE
9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.9
Maximum 1.2
Minimum 0.6
Avg:Min 1.48
Max:Min 2.00
Coef Var 0.23
UnifGrad 1.50



INT - W WILLOW AVE & N 141ST DR
9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.1
Minimum 0.5
Avg:Min 1.53
Max:Min 2.20
Coef Var 0.25
UnifGrad 1.43



ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807

PHOTOMETRIC CALCULATION
SHEET. FOR INFORMATION ONLY.

PROJECT NAME:
HOMESTEAD AT MARLEY
PARK PHASE 4 & 5
PARCEL 5
WRIGHT ENG.
PROJECT NO: **18053**
DESIGN BY: NBG **PH-1**

H:\2018\18053-Marley Park Phase 4\Photometrics\18053-ALUX-1P5.dwg

MATCHLINE 'A'
SEE SHEET SL3

CONSTRUCTION NOTES

- (1) 41W LED (4,800 LUMEN) FIXTURE (LIGHT CODE RL41) WITH PHOTOELECTRIC CONTROL ON A 38'-0" DIRECT BURIED POLE (1940.38) WITH A 2' MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL4). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.
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- (3) STREET LIGHT TO BE INSTALLED PER SEPARATE PLAN SET. SHOWN FOR REFERENCE ONLY.
- (4) (1) 88W LED (8,200 LUMEN) FIXTURE (LIGHT CODE RL42) WITH PHOTOELECTRIC CONTROL ON A 38'-0" DIRECT BURIED POLE (1940.38) WITH A 2' MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL3). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.

ROADWAY SCALEABLE LED 3000K

LIGHT CODE	COLOR	APN	WATTS	VOLTS	INITIAL LUMENS	CATALOG #
RL40		00141047	32	120/208/240/277	3,800	ERL1004B130ADKBZGRX
RL41		00141048	41	120/208/240/277	4,800	ERL1005E130ADKBZGRX
RL42	DNBZ	00141049	88	120/208/240/277	8,200	ERL1008E130ADKBZGRX
RL43		00141050	108	120/208/240/277	11,000	ERLH01E130ADKBZGRX
RL44		00141051	174	120/208/240/277	19,000	ERL2021C330ADKBZGRX

LEGEND

- 41W LED SHOEBOX STREET LIGHT
- 88W LED SHOEBOX STREET LIGHT
- STREET LIGHT PER SEPARATE PLAN
- FUTURE STREET LIGHT
- PULL BOX
- NEW CONDUIT RUN
- FIRE HYDRANT

WRIGHT ENGINEERING
PROJECT NO:

18053-03

DESIGN BY: JKS

DRAWN BY: JKS

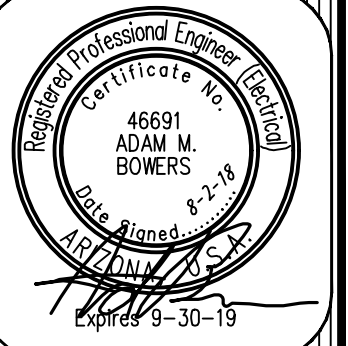
CHECKED BY: AMB

WRIGHT
engineering corporation
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165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5825 • FAX 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:

SURPRISE, ARIZONA
HOMESTEAD AT MARLEY PARK
PHASE 4 & 5 - PARCEL 6
STREET LIGHT PLAN

NO.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
1	APR 2018	1ST SUBMITTAL
2	AUG 2018	2ND SUBMITTAL
3	AUG 2018	3RD SUBMITTAL

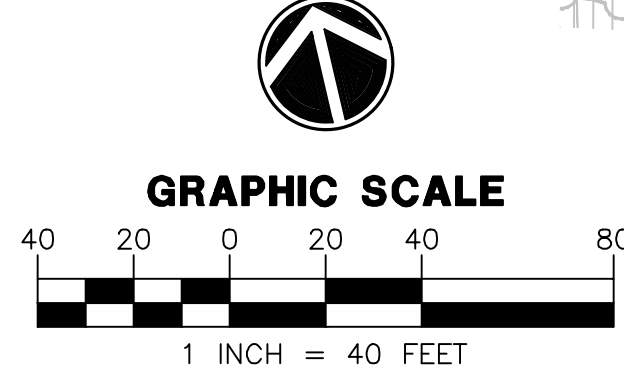


DRAWING NO:

SL2

OF 5

ARIZONA BLUE STAKE
CALL TWO WORKING DAYS
BEFORE YOU DIG
Dial 811 or
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

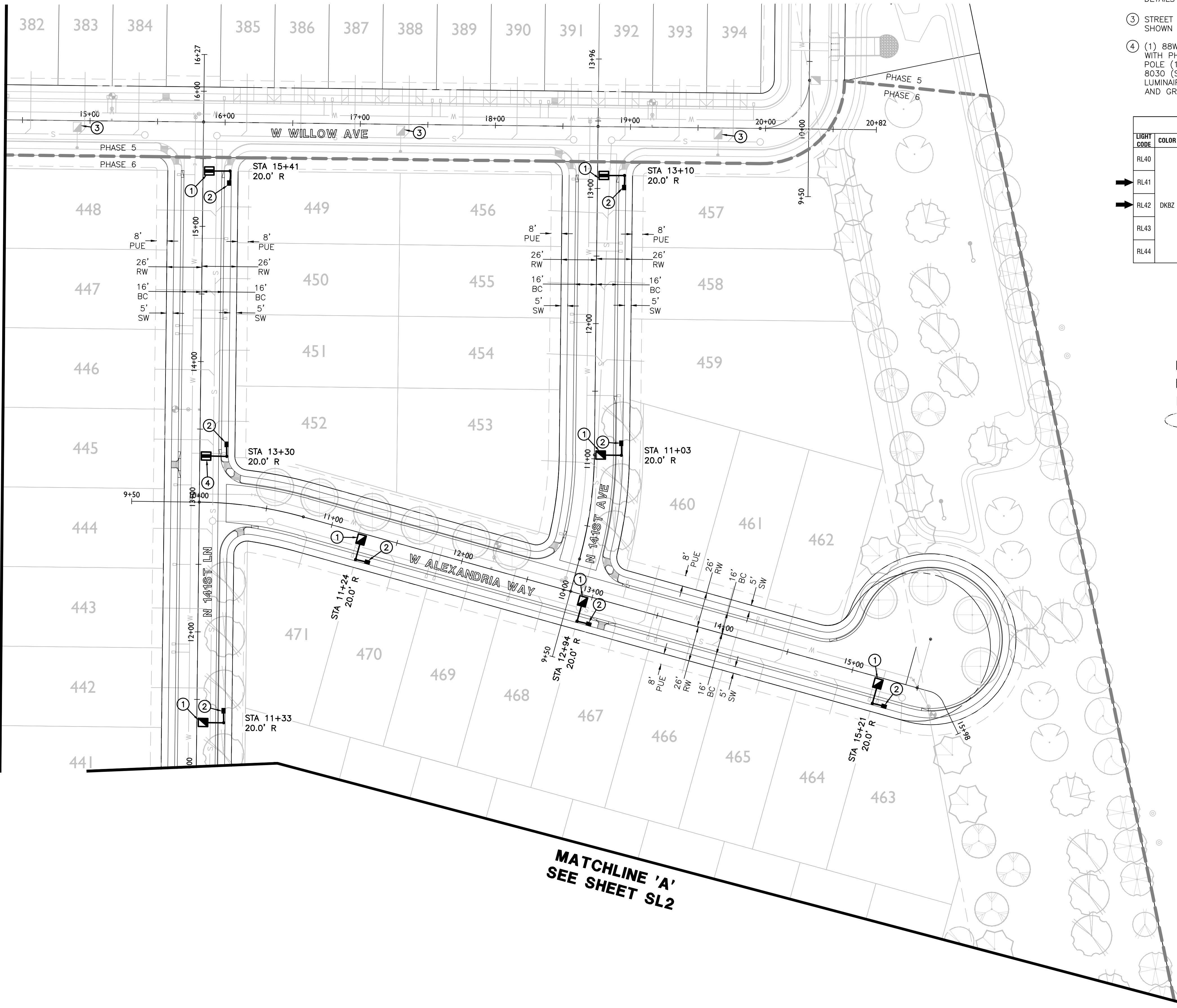


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MATCHLINE 'B'
SEE SHEET SL4



MATCHLINE 'A'
SEE SHEET SL2

CONSTRUCTION NOTES

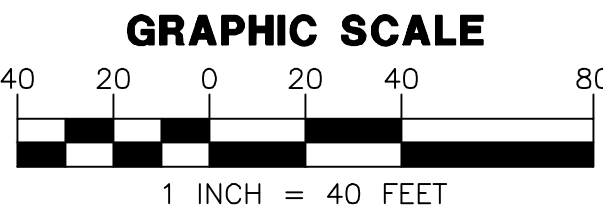
- (1) 41W LED (4,800 LUMEN) FIXTURE (LIGHT CODE RL41) WITH PHOTOELECTRIC CONTROL ON A 38'-0" DIRECT BURIED POLE (1940.38) WITH A 2' MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL4). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.
- (2) INSTALL APS PULL BOX NEXT TO POLE. INSTALL 1" CONDUIT WITH (2) #14 TYPE THHN/THWN AND (1) #14 BARE BOND FROM PULL BOX TO FUSE HOLDER IN STREET LIGHT PER APS DETAILS AND SPECIFICATIONS.
- (3) STREET LIGHT TO BE INSTALLED PER SEPARATE PLAN SET. SHOWN FOR REFERENCE ONLY.
- (4) (1) 88W LED (8,200 LUMEN) FIXTURE (LIGHT CODE RL42) WITH PHOTOELECTRIC CONTROL ON A 38'-0" DIRECT BURIED POLE (1940.38) WITH A 2' MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL3). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.

ROADWAY SCALEABLE LED 3000K

LIGHT CODE	COLOR	APH	WATTS	VOLTS	INITIAL LUMENS	CATALOG #
RL40		00141047	32	120/208/240/277	3,800	ERL1004B130ADKBZGRX
RL41		00141048	41	120/208/240/277	4,800	ERL1005E130ADKBZGRX
RL42	DKBZ	00141049	88	120/208/240/277	8,200	ERL1008E130ADKBZGRX
RL43		00141050	108	120/208/240/277	11,000	ERLH011E130ADKBZGRX
RL44		00141051	174	120/208/240/277	19,000	ERL2021C330ADKBZGRX

LEGEND

- 41W LED SHOEBOX STREET LIGHT
- 88W LED SHOEBOX STREET LIGHT
- STREET LIGHT PER SEPARATE PLAN
- FUTURE STREET LIGHT
- PULL BOX
- NEW CONDUIT RUN
- FIRE HYDRANT



WRIGHT ENGINEERING
PROJECT NO:
18053-03
DESIGN BY: JKS
DRAWN BY: JKS
CHECKED BY: AMB

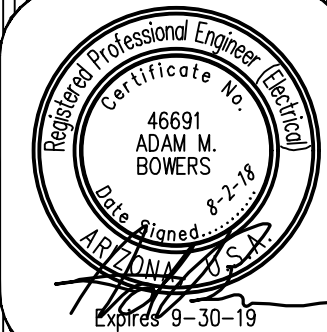
WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:

SURPRISE, ARIZONA
HOMESTEAD AT MARLEY PARK
PHASE 4 & 5 - PARCEL 6

STREET LIGHT PLAN

NO.	DATE	SUBMITTALS/REVISIONS (DESCRIPTIONS)
1	APR 2018	1ST SUBMITTAL
2	AUG 2018	2ND SUBMITTAL
3	AUG 2018	3RD SUBMITTAL



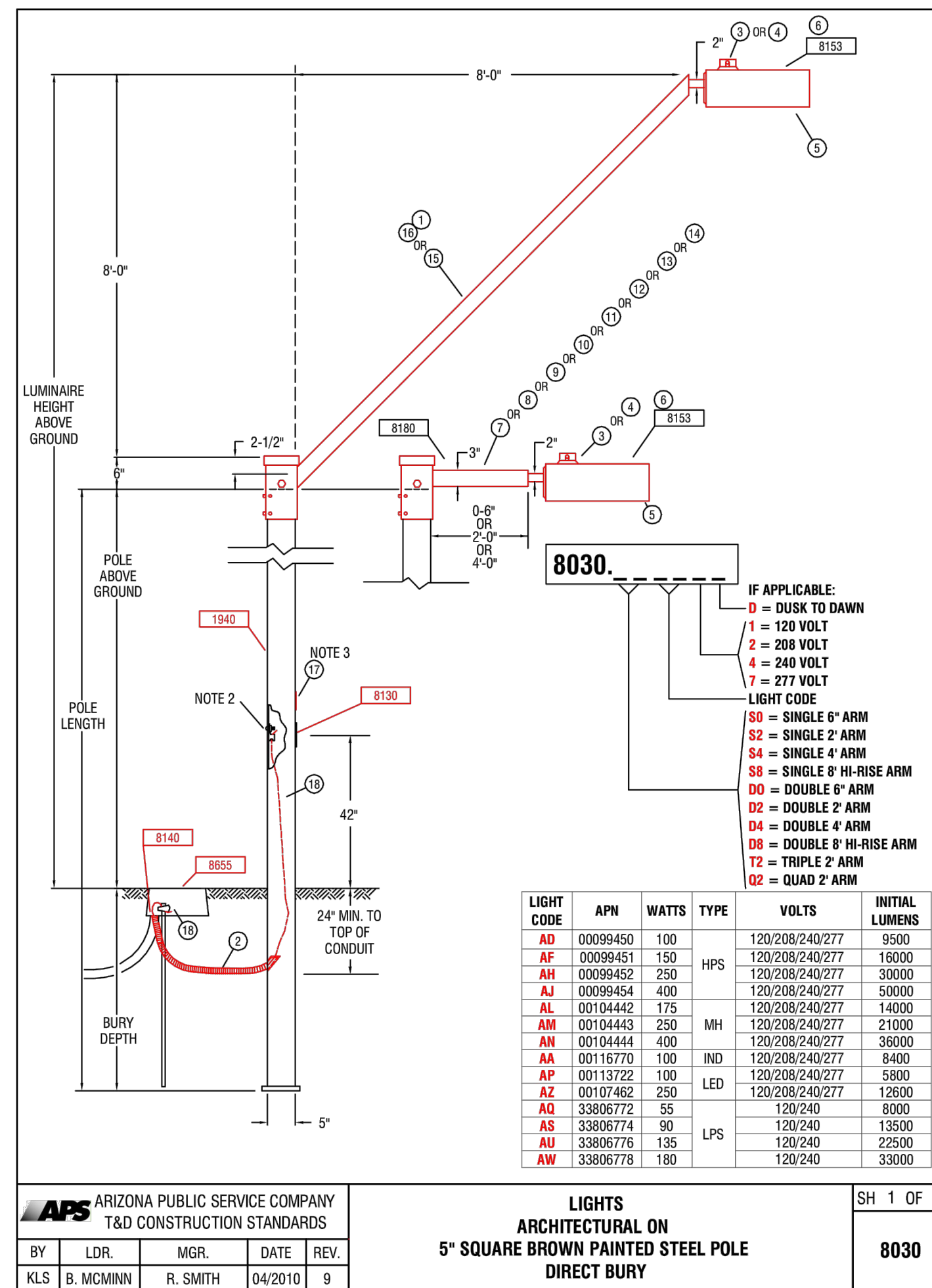
DRAWING NO:
SL3
OF 5

H:\2018\18053-Morley Park Phase 4,5\18053-Parcel 6-SL.dwg

- ① (1) 41W LED (4,800 LUMEN) FIXTURE (LIGHT CODE RL41) WITH PHOTOELECTRIC CONTROL ON A 38"-0" DIRECT BURIED POLE (1940.38) WITH A 2' MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL4). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.
- ② INSTALL APS PULL BOX NEXT TO POLE. INSTALL 1" CONDUIT WITH (2) #14 TYPE THHN/THWN AND (1) #14 BARE BOND FROM PULL BOX TO FUSE HOLDER IN STREET LIGHT PER APS DETAILS AND SPECIFICATIONS.
- ③ STREET LIGHT TO BE INSTALLED PER SEPARATE PLAN SET. SHOWN FOR REFERENCE ONLY.
- ④ (1) 88W LED (8,200 LUMEN) FIXTURE (LIGHT CODE RL42) WITH PHOTOELECTRIC CONTROL ON A 38"-0" DIRECT BURIED POLE (1940.38) WITH A 2' MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL3). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.

ROADWAY SCALEABLE LED 3000K						
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RL44		00141051	174	120/208/240/277	19,000	ERL2021C330ADKBZGRX

 41W LED SHOEBOX STREET LIGHT
 88W LED SHOEBOX STREET LIGHT
 STREET LIGHT PER SEPARATE PLAN
 FUTURE STREET LIGHT
 PULL BOX
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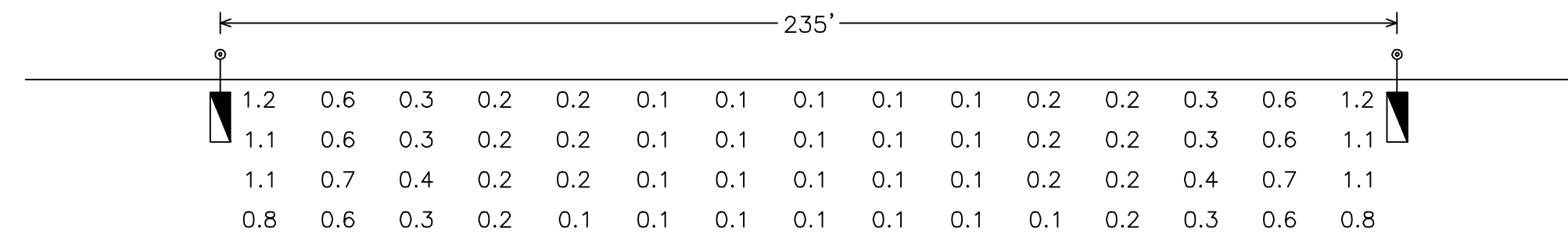
- NOTES:
1. ADJUST PHOTO EYE TO FACE NORTH.
2. A GROUND ROD IS PROVIDED WITH THE J-BOX. WHERE A GROUND ROD CAN NOT BE DRIVEN, ALTERNATE GROUND SHALL BE USED. SEE 2449 THRU 2460 FOR APPROVED ALTERNATES.
3. SIGN, "NOTICE THIS POLE IS OWNED AND MAINTAINED BY APS. DISCONNECT INSIDE." IS REQUIRED ON ALL DUSK-TO-DAWN AND AREA LIGHTING APPLICATIONS.
4. POLES THAT HAVE MORE THAN ONE LUMINAIRE REQUIRE A SEPARATE CIRCUIT WITH FUSING FROM THE J-BOX TO EACH LUMINAIRE.
5. USING THE 20'-0" POLE TO MATCH THE 16'-0" PEDESTRIAN LIGHT MOUNTING HEIGHT SHOULD POLE BURY DEPTH TO 4'-0".
6. THE BROWN PHOTO CONTROL IS A FAIL OFF CONTROL AND SHALL BE USED WITH ALL INDUCTION AND LED LUMINAIRES.
7. ON 277 VOLT STREET LIGHT CIRCUITS, INSTALL A "277 VOLT" MISCARTA TAG ON CABLE IN J-BOX. TAG PROVIDED BY SPEC 8129.
8. THE LUMINAIRE SHOWN IS RECOMMENDED FOR THIS MOUNTING HEIGHT. SEE 8153 FOR ADDITIONAL BROWN ARCHITECTURAL LUMINAIRES.
9. THE TWO ARMED TERN BRACKET POSITIONS THE DOUBLE ARM 180 DEGREES APART.
10. TO ACCOMMODATE LESS THAN THE SPECIFIED LUMINAIRE MOUNTING HEIGHT, A SHOT ORDER IS REQUIRED TO HAVE A PORTION FROM THE TOP OF THE POLE CUT OFF. THE TERN ARM BRACKET SLIDES OVER AND COVERS THE CUT PORTION OF THE POLE.
11. IN-LINE FUSE FOR UNDERGROUND FEEDS, SEE 8130-8131.
12. FOR PEDESTRIAN ONLY APPLICATIONS SEE 8030.

POLE CODE	POLE LENGTH	BURY DEPTH	POLE ABOVE GROUND	LUMINAIRE HEIGHT ABOVE GROUND			
				6IN ARM	2FT ARM	4FT ARM	8FT ARM
1940.20	20'-0"	5'-0"	15'-0"	15'-0"	15'-0"	15'-0"	---
1940.30	30'-6"	5'-0"	25'-0"	25'-0"	25'-0"	25'-0"	33'-0"
1940.34	34'-0"	6'-0"	28'-0"	28'-0"	28'-0"	28'-0"	39'-6"
1940.38	38'-0"	6'-6"	31'-6"	31'-6"	31'-6"	31'-6"	39'-6"

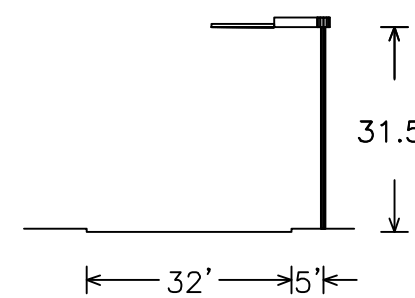
* SEE NOTE 5

CODE	8603.50			8603.52			8603.54			8603.59			8603.60			8603.62			8603.64			8603.66			8603.68			8603.72			8603.74			8603.76			8603.78			8603.80			8603.82			8603.84			8603.86			8603.88			8603.90			8603.92			8603.94			8603.96			8603.98			8604.00			8604.02			8604.04			8604.06			8604.08			8604.10			8604.12			8604.14			8604.16			8604.18			8604.20			8604.22			8604.24			8604.26			8604.28			8604.30			8604.32			8604.34			8604.36			8604.38			8604.40			8604.42			8604.44			8604.46			8604.48			8604.50			8604.52			8604.54			8604.56			8604.58			8604.60			8604.62			8604.64			8604.66			8604.68			8604.70			8604.72			8604.74			8604.76			8604.78			8604.80			8604.82			8604.84			8604.86			8604.88			8604.90			8604.92			8604.94			8604.96			8604.98			8605.00			8605.02			8605.04			8605.06			8605.08			8605.10			8605.12			8605.14			8605.16			8605.18			8605.20			8605.22			8605.24			8605.26			8605.28			8605.30			8605.32			8605.34			8605.36			8605.38			8605.40			8605.42			8605.44			8605.46			8605.48			8605.50			8605.52			8605.54			8605.56			8605.58			8605.60			8605.62			8605.64			8605.66			8605.68			8605.70			8605.72			8605.74			8605.76			8605.78			8605.80			8605.82			8605.84			8605.86			8605.88			8605.90			8605.92			8605.94			8605.96			8605.98			8606.00			8606.02			8606.04			8606.06			8606.08			8606.10			8606.12			8606.14			8606.16			8606.18			8606.20			8606.22			8606.24			8606.26			8606.28			8606.30			8606.32			8606.34			8606.36			8606.38			8606.40			8606.42			8606.44			8606.46			8606.48			8606.50			8606.52			8606.54			8606.56			8606.58			8606.60			8606.62			8606.64			8606.66			8606.68			8606.70			8606.72			8606.74			8606.76			8606.78			8606.80			8606.82			8606.84			8606.86			8606.88			8606.90			8606.92			8606.94			8606.96			8606.98			8607.00			8607.02			8607.04			8607.06			8607.08			8607.10			8607.12			8607.14			8607.16			8607.18			8607.20			8607.22			8607.24			8607.26			8607.28			8607.30			8607.32			8607.34			8607.36			8607.38			8607.40			8607.42			8607.44			8607.46			8607.48			8607.50			8607.52			8607.54			8607.56			8607.58			8607.60			8607.62			8607.64			8607.66			8607.68			8607.70			8607.72			8607.74			8607.76			8607.78			8607.80			8607.82			8607.84			8607.86			8607.88			8607.90			8607.92			8607.94			8607.96			8607.98			8608.00			8608.02			8608.04			8608.06			8608.08			8608.10			8608.12			8608.14			8608.16			8608.18			8608.20			8608.22			8608.24			8608.26			8608.28			8608.30			8608.32			8608.34			8608.36			8608.38			8608.40			8608.42			8608.44			8608.46			8608.48			8608.50			8608.52			8608.54			8608.56			8608.58			8608.60			8608.62			8608.64			8608.66			8608.68			8608.70			8608.72			8608.74			8608.76			8608.78			8608.80			8608.82			8608.84			8608.86			8608.88			8608.90			8608.92			8608.94			8608.96			8608.98			8609.00			8609.02			8609.04			8609.06			8609.08			8609.10			8609.12			8609.14			8609.16			8609.18			8609.20			8609.22			8609.24			8609.26			8609.28			8609.30			8609.32			8609.34			8609.36			8609.38			8609.40			8609.42			8609.44			8609.46			8609.48			8609.50			8609.52			8609.54			8609.56			8609.58			8609.60			8609.62			8609.64			8609.66			8609.68			8609.70			8609.72			8609.74			8609.76			8609.78			8609.80			8609.82			8609.84			8609.86			8609.88			8609.90			8609.92			8609.94			8609.96			8609.98			8610.00			8610.02			8610.04			8610.06			8610.08			8610.10			8610.12			8610.14			8610.16			8610.18			8610.20			8610.22			8610.24			8610.26			8610.28			8610.30			8610.32			8610.34			8610.36			8610.38			8610.40			8610.42			8610.44			8610.46			8610.48			8610.50			8610.52			8610.54			8610.56			8610.58			8610.60			8610.62			8610.64			8610.66			8610.68			8610.70			8610.72			8610.74			8610.76			8610.78			8610.80			8610.82			8610.84			8610.86			8610.88			8610.90			8610.92			8610.94			8610.96			8610.98			8611.00			8611.02			8611.04			8611.06			8611.08			8611.10			8611.12			8611.14			8611.16			8611.18			8611.20			8611.22			8611.24			8611.26			8611.28			8611.30			8611.32			8611.34			8611.36			8611.38			8611.40			8611.42			8611.44			8611.46			8611.48			8611.50			8611.52			8611.54			8611.56			8611.58			8611.60			8611.62			8611.64			8611.66			8611.68			8611.70			8611.72			8611.74			8611.76			8611.78			8611.80			8611.82			8611.84			8611.86			8611.88			8611.90			8611.92			8611.94			8611.96			8611.98			8612.00			8612.02			8612.04			8612.06			8612.08			8612.10			8612.12			8612.14			8612.16			8612.18			8612.20			8612.22			8612.24			8612.26			8612.28			8612.30			8612.32			8612.34			8612.36			8612.38			8612.40			8612.42			8612.44			8612.46			8612.48			8612.50			8612.52			8612.54			8612.56			8612.58			8612.60			8612.62			8612.64			8612.66			8612.68			8612.70			8612.72			8612.74			8612.76			8612.78			8612.80			8612.82			8612.84			8612.86			8612.88			8612.90			8612.92			8612.94			8612.96			8612.98			8613.00			8613.02			8613.04			8613.06			8613.08			8613.10			8613.12			8613.14			8613.16			8613.18			8613.20			8613.22			8613.24			8613.26			8613.28			8613.30			8613.32			8613.34			8613.36			8613.38			8613.40			8613.42			8613.44			8613.46			8613.48			8613.50			8613.52			8613.54			8613.56			8613.58			8613.60			8613.62			8613.64			8613.66			8613.68			8613.70			8613.72			8613.74			8613.76			8613.78			8613.80			8613.82			8613.84			8613.86			8613.88			8613.90			8613.92			8613.94			8613.96			8613.98			8614.00			8614.02			8614.04			8614.06			8614.08			8614.10			8614.12			8614.14			8614.16			8614.18			8614.20			8614.22			8614.24			8614.26			8614.28			8614.30			8614.32			8614.34			8614.36			8614.38			8614.40			8614.42			8614.44			8614.46			8614.48			8614.50			8614.52			8614.54			8614.56			8614.58			8614.60			8614.62			8614.64			8614.66			8614.68			8614.70			8614.72			8614.74			8614.76			8614.78			8614.80			8614.82			8614.84			8614.86			8614.88			8614.90			8614.92			8614.94			8614.96			8614.98			8615.00			8615.02			8615.04			8615.06			8615.08			8615.10			8615.12			8615.14			8615.16			8615.18			8615.20			8615.22			8615.24			8615.26			8615.28			8615.30			8615.32			8615.34			8615.36			8615.38			8615.40			8615.42			8615.44			8615.46			8615.48			8615.50			8615.52			8615.54			8615.56			8615.58			8615.60			8615.62			8615.64			8615.66			8615.68			8615.70			8615.72			8615.74			8615.76			8615.78			8615.80			8615.82			8615.84			8615.86			8615.88			8615.90			8615.92			8615.94			8615.96			8615.98			8616.00			8616.02			8616.04			8616.06			8616.08			8616.10			8616.12			8616.14			8616.16			8616.18			8616.20			8616.22			8616.24			8616.26			8616.28			8616.30			8616.32			8616.34			8616.36			8616.38			8616.40			8616.42			8616.44			8616.46			8616.48			8616.50			8616.52			8616.54			8616.56			8616.58			8616.60			8616.62			8616.64			8616.66			8616.68			8616.70			8616.72			8616.74			8616.76			8616.78			8616.80			8616.82			8616.84			8616.86			8616.88			8616.90			8616.92			8616.94			8616.96			8616.98			8617.00			8617.02			8617.04			8617.06			8617.08			8617.10			8617.12			8617.14			8617.16			8617.18			8617.20			8617.22			8617.24			8617.26			8617.28			8617.30			8617.32			8617.34			8617.36			8617.38			8617.40			8617.42			8617.44			8617.46			8617.48			8617.50			8617.52			8617.54			8617.56			8617.58			8617.60			8617.62			8617.64			8617.66			8617.68			8617.70			8617.72			8617.74			8617.76			8617.78			8617.80			8617.82			8617.84			8617.86			8617.88			8617.90			8617.92			8617.94			8617.96			8617.98			8618.00			8618.02			8618.04			8618.06			8618.08			8618.10			8618.12			8618.14			8618.16			8618.18			8618.20			8618.22			8618.24			8618.26			8618.28			8618.30			8618.32			8618.34			8618.36			8618.38			8618.40			8618.42			8618.44			8618.46			8618.48			8618.50			8618.52			8618.54			8618.56			8618.58			8618.60			8618.62			8618.64			8618.66			8618.68			8618.70			8618.72			8618.74			8618.76			8618.78			8618.80			8618.82			8618.84			8618.86			8618.88			8618.90			8618.92			8618.94			8618.96			8618.98			8619.00			8619.02			8619.04			8619.06			8619.08			8619.10			8619.12			8619.14			8619.16			8619.18			8619.20			8619.22			8619.24			8619.26			8619.28			8619.30			8619.32			8619.34			8619.36			8619.38			8619.40			8619.42			8619.44			8619.46			8619.48			8619.50			8619.52			8619.54			8619.56			8619.58			8619.60			8619.62			8619.64			8619.66			8619.68			8619.70			8619.72			8619.74			8619.76			8619.78			8619.80			8619.82			8619.84			8619.86			8619.88			8619.90			8619.92			8619.94			8619.96			8619.98			8620.00			8620.02		
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ARIZONA PUBLIC SERVICE COMPANY T&D CONSTRUCTION STANDARDS					LIGHTS ARCHITECTURAL ON 5" SQUARE BROWN PAINTED STEEL POLE DIRECT BURY		SH 2 OF 8030
BY	LDR.	MGR.	DATE	REV.			
KLS	B. MCMINN	R. SMITH	04/2010	9			

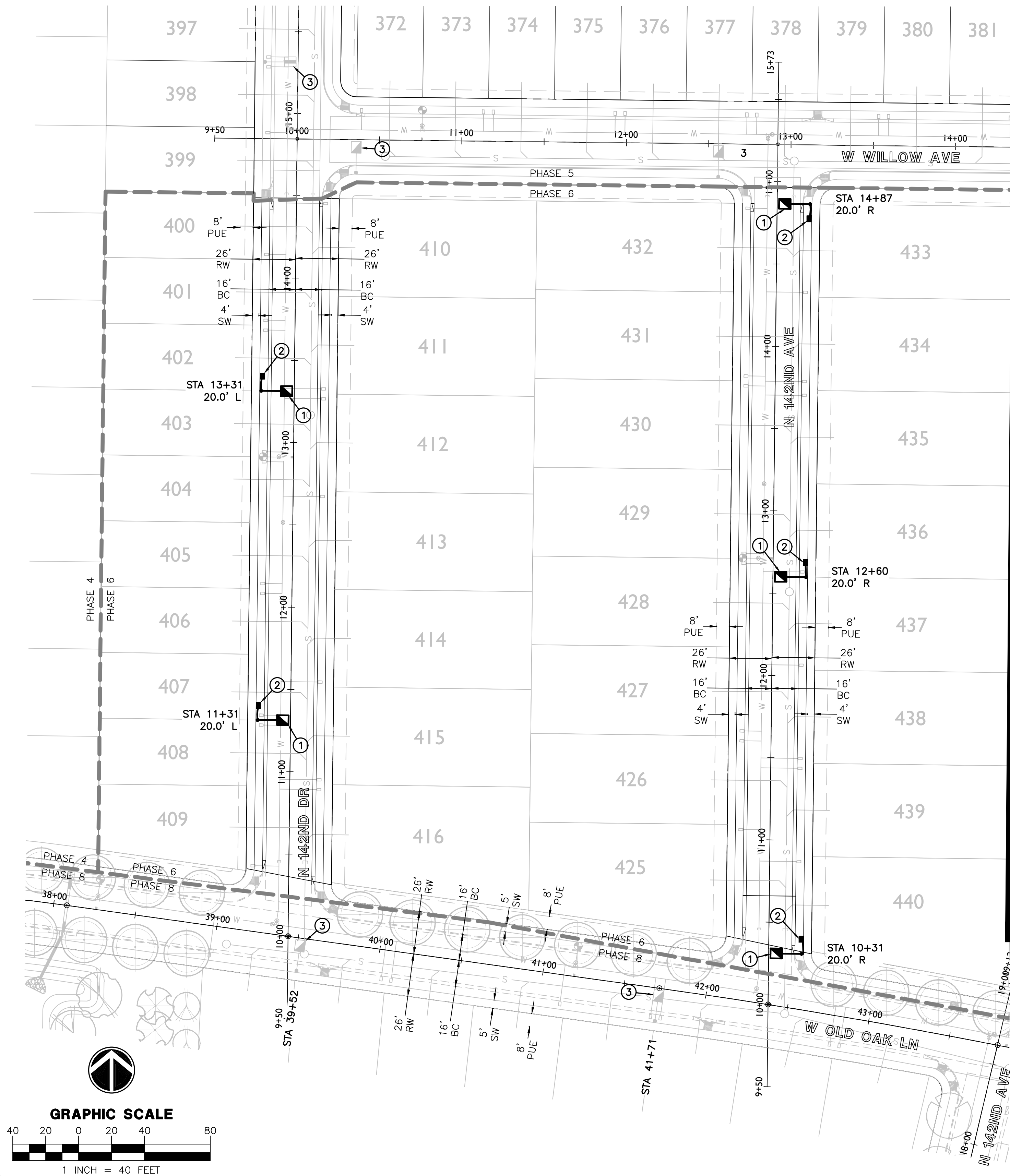
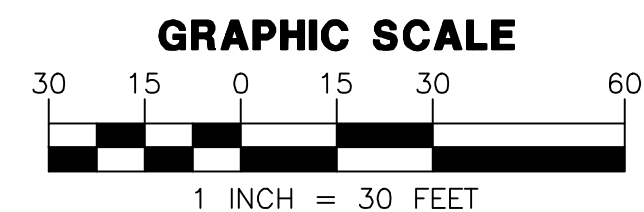


41W LED SHOEXBOX
candela file 'erl1_05e130-120-277v_tcm201-103950.ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 41
mounting height= 31.5 ft
number locations= 4, number luminaires= 4
kw all locations= 0.2



Roadway Grid
60 points at z=0, sp 15.667ft by 8ft
HORIZONTAL FOOTCANDLES

Average	0.4
Maximum	1.2
Minimum	0.1
Avg:Min	3.50
Max:Min	12.00
Coef Var	0.94
UnifGrad	2.00



MATCHLINE 'B'
SEE SHEET SL3

THESE DRAWINGS AND SPECIFICATIONS ARE THE SOLE PROPERTY OF WRIGHT ENGINEERING CORPORATION AND MAY NOT BE REPRODUCED OR MODIFIED FOR ANY USE WITHOUT THE EXPRESS WRITTEN PERMISSION OF WRIGHT ENGINEERING CORPORATION.

WRIGHT ENGINEERING
PROJECT NO:
18053-03
DESIGN BY: JKS
DRAWN BY: JKS
CHECKED BY: AMB

WRIGHT
engineering corporation

ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:

**HOMESTEAD AT MARLEY PARK
PHASE 4 & 5 - PARCEL 6**

STREET LIGHT DETAILS & PHOTOMETRICS

1	APR 2018	1ST SUBMITTAL
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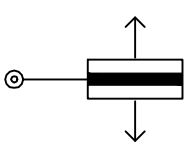
Registered Professional Engineer (Electrical)
 Certificate No. 46691
 ADAM M. BOWERS
 Date Signed 8-2-18
 ARIZONA, U.S.A.
 Expires 9-30-19

DRAWING NO:
SL4
OF 5



H:\2018\18053-Marley Park Phase 4,5\18053-Parcel 6-SL.dwg

LEGEND

- 

88W LED
2' MAST ARM
candela file "erl1_08e130_tcm201-103998.ies"
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 88
mounting height= 31.5 ft
number locations= 9, number luminaires= 9
kw all locations= 0.8
- 

41W LED SHOEBOX
candela file "erl1_05e130-120-277v_tcm201-103950.ies"
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 41
mounting height= 31.5 ft
number locations= 20, number luminaires= 20
kw all locations= 0.8

45

INT - W ALEXANDRIA WAY & N 141ST LN
12 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.2
Minimum 0.4
Avg:Min 1.90
Max:Min 3.00
Coef Var 0.37
UnifGrad 1.50

INT - W OAK LN & N 141ST AVE
12 points
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.3
Minimum 0.5
Avg:Min 1.68
Max:Min 2.60
Coef Var 0.31

INT - W ALEXANDRIA WAY & N 141ST AVE
9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 1.1
Maximum 1.5
Minimum 0.8
Avg:Min 1.33
Max:Min 1.88
Coef Var 0.21
UnifGrad 1.50

INT - W PERSHING ST & N 141ST LN
12 points
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.0
Minimum 0.6
Avg:Min 1.36
Max:Min 1.67
Coef Var 0.18

INT - W OAK LN & N 141ST LN
9 points at z=0, sp 8ft by 8ft
HORIZONTAL FOOTCANDLES
Average 0.8
Maximum 1.1
Minimum 0.5
Avg:Min 1.58
Max:Min 2.20
Coef Var 0.25
UnifGrad 1.43



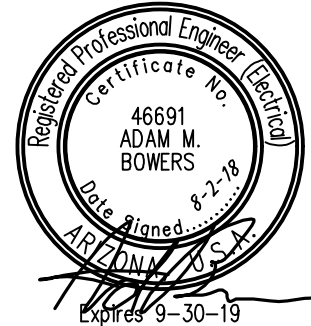
WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807

PHOTOMETRIC CALCULATION SHEET. FOR INFORMATION ONLY.

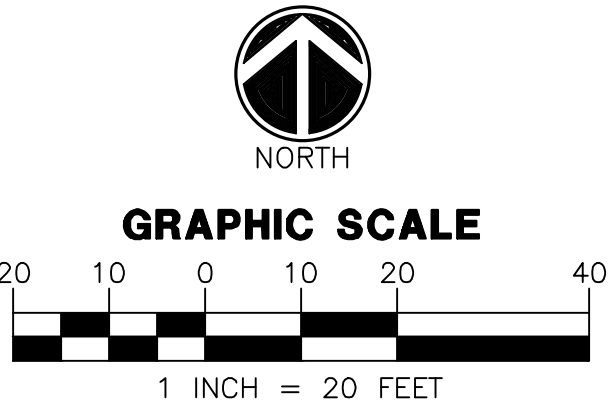
PROJECT NAME:
HOMESTEAD AT MARLEY
PARK PHASE 4 & 5
PARCEL 6

WRIGHT ENG.
PROJECT NO: **18053**

DESIGN BY: NBG **PH-1**



Professional Engineer Seal
46691
ADAM M. BOWERS
Exp. 12-1-18
Exp. 9-30-19



H:\2018\18053-Marley Park Phase 4.5\Photometrics\18053-ALUX-P6.dwg



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date:	November 6, 2018	Contact Person:	Karl Zook, Public Works Department
Submitting Department:		District:	5
Staff Recommendations:	None		

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action declaring the City's intention to enlarge the territory of the City of Surprise Sun City Grand Lighting Improvement District No. 2 pursuant to A.R.S. 48-616; Resolution # 2018-142.

Motion:

I move to approve Resolution # 2018-142.

Background:

The City of Surprise, Arizona Sun City Grand Lighting Improvement District No. 2 was formed in 1998 (Resolution 98-07). Since the time of formation, new parcels have been formed in and around the original street lighting improvement district ("SLID") boundary. The City intends to enlarge the existing SLID to include the new parcels. The city has verified that the Petition for the proposed SLID enlargement contains the signatures of all of the real property owners in the enlargement area of the district, exclusive of mortgages and other lien holders. Three new lights are proposed on Yorkshire Dr. which is a local roadway and will be billed to the Sun City Grand Improvement District No. 2.

Objective Analysis:

A SLID is a special taxing district in which property owners in a defined area agree to pay the costs to operate and maintain their immediate area's street lighting through a property tax. All new developments in the City of Surprise require a SLID. This action will enlarge an existing SLID boundary to include the remainder of the parcels not within the SLID and extend existing boundaries to roadway centerlines. The SLID costs are paid for by the levy and collection of an equal apportionment of taxes based on the number and classification of properties within the SLID. The enlargement of the SLID will only affect the parcels in the territory being added, as the valuation of the property may be increased.

Policy Compliant:

Surprise Municipal Code requires that street lighting that serves a defined area be paid for through revenues obtained from the specific area being served by such street lighting. The city strives to assure that residents are subject to only one SLID and that the boundaries of each SLID accurately reflect the service area. This item is consistent with these objectives.

Financial Impact:

Any financial impact on the City is anticipated to be minimal, as the Developer and District will be bearing the costs and expenses of the District and street light improvement facilities.

Budget Impact:

This is an enlargement of an existing SLID, therefore no impact to the budget is anticipated. A separate fund for this taxing district is currently in place to track the revenue and expenses.

FTE Impact:

This action does not change the full time equivalent count.

ATTACHMENTS:

Click to download

[Resoltuion 2018-142](#)

[SLID Petition](#)

[Streetlight Plan](#)

[Council Exhibit](#)

RESOLUTION # 2018-144

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF SURPRISE, ARIZONA DECLARING ITS INTENT TO ENLARGE THE CITY OF SURPRISE, ARIZONA SUN CITY GRAND LIGHTING IMPROVEMENT DISTRICT NO. 2 AND ORDERING SUCH ENLARGEMENT.

WHEREAS, on January 22, 1998, the Mayor and City Council of the City of Surprise adopted Resolution No. 98-07, ordering the formation of the City of Surprise, Arizona Sun City Grand Lighting Improvement District No. 2 (the "District") for the purpose of purchasing electricity for the lighting of the public streets and parks within the District;

WHEREAS, Ariz. Rev. Stat. § 48-616(M) permits the City to enlarge the boundaries of a street lighting improvement district ("SLID") when proper notice has been given to the owners of the real property that will be added to the SLID;

WHEREAS, Ariz. Rev. Stat. § 48-617(A) gives the City immediate jurisdiction to order the creation or enlargement of a SLID without notice when all owners of the real property being added to the SLID have petitioned the City to form or enlarge the SLID;

WHEREAS, the owners, exclusive of mortgagees and other lienholders, of parcels of property which adjoin the District (hereinafter referred to as "Petitioners") acting pursuant to the provisions of Ariz. Rev. Stat. §§ 48-616(M) and 48-617(A), have petitioned the City to enlarge the District to include said property legally described in Exhibit A to this resolution, with such boundaries as shown in the map in Exhibit B to this resolution;

WHEREAS, the City has verified and finds that Petitioners are the owners, exclusive of mortgagees and other lienholders, of all of the real property being added to the boundary of the District;

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Surprise, Arizona, as follows.

Section 1. *District Enlargement.* The City of Surprise, Arizona Sun City Grand Lighting Improvement District No. 2 shall be enlarged by the addition of the property described in Exhibit A and Exhibit B, which are incorporated by reference hereto into this Resolution. The annual tax levied upon the District will remain in full force and effect, and, commencing in fiscal year 2019/2020 will apply to the District as enlarged by this Resolution.

Section 2. *Recording and Filing of this Resolution.* A certified copy of this Resolution shall be recorded in the office of the Maricopa County Recorder. Certified copies of this Resolution shall also be filed with the Arizona Department of Revenue and the Maricopa County Assessor's office pursuant to Ariz. Rev. Stat. § 42-17257.

APPROVED AND ADOPTED this ____ day of _____, 2018.

Sharon R. Wolcott, Mayor

Attest:

Approved as to form:

Sherry Aguilar, City Clerk

Robert Wingo, City Attorney

EXHIBIT A
LEGAL DESCRIPTION
THE COLONNADE
S.L.I.D. EASEMENT

Lots 7 and 8, the east 10.00 feet of Lot 6, the west 33.00 feet of Lot 9 and a portion of the right-of-way of Santa Fe Avenue (now known as W. Yorkshire Drive) of Beardsley Tract A, as recorded in Book 28, Page 6, Maricopa County Records, Arizona, all lying within the Southeast quarter of Section 29, Township 4 North, Range 1 West of the Gila and Salt River Meridian, Maricopa County, Arizona, more particularly described as follows:

COMMENCING at a found 3/4 inch iron pipe with P.K. nail in the center of an iron pipe accepted as the East quarter corner of said Section 29 from which a found aluminum cap accepted as the Southeast corner thereof bears South 00°07'17" East, 2636.15 feet;

Thence North 89°21'20" West, 1090.15 feet along the north line of said Southeast quarter;

Thence leaving said north line, South 00°37'58" West, 20.00 feet along the northerly prolongation of the east line of the west 33.00 feet of said Lot 9, to the **POINT OF BEGINNING**;

Thence continuing along said northerly extension and said east line, South 00°37'58" West, 333.00 feet;

Thence along the south line of said Lots 6 through 9, North 89°22'02" West, 243.00 feet;

Thence leaving said south line, North 00°37'58" East, 267.05 feet along the west line of the east 10.00 feet of said Lot 6;

Thence leaving said west line, North 89°21'20" West, 403.62 feet along the southerly right-of-way line of said W. Yorkshire Drive;

Thence leaving said southerly right-of-way line, North 00°40'35" East, 66.00 feet;

Thence South 89°21'20" East, 646.57 feet along the northerly right-of-way line of said W. Yorkshire Drive to the **POINT OF BEGINNING**.

The above described parcel contains a computed area of 107,562 sq. ft. (2.4693 acres) more or less and being subject to any easements, restrictions, rights-of-way of record or otherwise.

The description shown hereon is not to be used to violate any subdivision regulation of the state, county and/or municipality or any land division restrictions.

Prepared by: HILGARTWILSON, LLC
2141 E. Highland Avenue, Suite 250
Phoenix, AZ 85016
Project No. 1167
Date: December 2017



EXHIBIT B

CENTER OF SECTION
SECTION 29, T4N, R1W
FOUND WITNESS CORNER 5' NORTH
ON MID-SECTION LINE STAMPED
"C₁ WC S29 T4N R1W 5'S
RLS 19344 2014"

EAST QUARTER CORNER
SECTION 29, T4N, R1W
FOUND ¾" IRON PIPE
W/ P.K. NAIL IN CENTER
DOWN 0.2'
P.O.B.

S89°21'20"E
646.57'

N89°21'20"W 2623.95'

W. YORKSHIRE DRIVE

N89°21'20"W
403.62'
N00°40'35"E
66.00'

66' R/W
N00°37'58"E
267.05'

LOT 6

LOT 7

LOT 8

LOT 9

N89°22'02"W
243.00'

S00°37'58"W
333.00'

LOT 14
BOOK 1083,
PAGE 15, M.C.R.

WEST LINE OF
THE EAST 10.00'
OF LOT 6



S00°07'17"E 2636.15'

LINE TABLE

LINE NO.	DIRECTION	LENGTH
L1	S00°37'58"W	20.00'

SOUTHEAST CORNER
SECTION 29, T4N, R1W
FOUND ALUMINUM CAP
STAMPED 28, 29, 32, 33,
LS 21780, 2008

PROJ.NO.: 1167

DATE: DEC. 2017

SCALE: N.T.S.

DRAWN BY: JDL

CHECKED BY: KJP

THE COLONNADE

S.L.I.D. EASEMENT
SURPRISE, ARIZONA

EXHIBIT

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

STREET LIGHT IMPROVEMENT DISTRICT PETITION

TO THE MAYOR AND COUNCIL OF THE CITY OF SURPRISE:

We, the undersigned, are all or a majority of the real property owners, exclusive of mortgagees and other lienholders, adjoining the district named below. We petition the City Council of the City of Surprise, Arizona, to enlarge the District to include said property legally described in Exhibit A with such boundaries as shown in the map in Exhibit B attached hereto. This petition includes a charge for maintaining the lighting facilities.

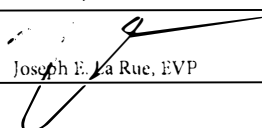
It is hereby requested that, in compliance with the Arizona Revised Statutes, the City Council adopt a Resolution of Intention to enlarge the existing District, and that unless protests are received pursuant to A.R.S. §48-579 sufficient to bar further proceedings, the City Council proceed with the improvements petitioned for herein.

Public convenience, necessity and welfare will be promoted by the establishment of the District and the real property within the District will be benefited by the District. Additional street lighting facilities may be installed and included in the District, at no investment cost to the District, as directed by the City and as approved by Arizona Public Service and the City Engineer.

WHEREFORE, we respectfully ask that this Petition be properly filed and that the Mayor and Council of the City adopt the Resolution and take such other action as is proper, necessary and appropriate to enlarge the District and to fulfill the purposes for which the District is organized, as the Mayor and Council believe is proper and necessary.

The name of the existing street light improvements district to be enlarged:
City of Surprise, Arizona Sun City Grand Lighting Improvement District No. 2

PETITIONERS: Please print and sign your name

PRINT BUSINESS/ PETITIONER'S NAME	ADDRESS OF PROPERTY OWNED WITHIN DISTRICT	ASSESSOR PARCEL #	SIGNATURE
Sun Health Colonnade An Arizona Non Profit Corporation	19116 Colonnade Way Surprise, AZ 85374	503-60-972	 Joseph E. La Rue, EVP



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

AVAILABILITY

This rate schedule is applicable to those portions of cities, towns and unincorporated communities in which the Company does a general retail electric business and where the Company has installed a multiple or series street lighting system of adequate capacity for the service to be rendered.

DESCRIPTION

E-58 is a rate that is applicable for lighting public streets, alleys, thoroughfares, public parks and playgrounds from dusk to dawn by use of Company's facilities.

TIME PERIODS

Dusk: Time between sunset and full night when photocontrol senses the lack of sufficient sunlight and turns on the lights.
Dawn: The time between full night and sunrise when a photocontrol senses sufficient sunlight to turn off lights.

CHARGES

The monthly bill will consist of the following charges, plus adjustments.

I. FIXTURES (Includes Mounting Arm, if Applicable)

	Lumen	Watts	kWh	CHARGES	
				Investment by Company	Investment by Others
A. Acorn	3,835 LED	75	26	\$21.63	\$7.59
	4,796 LED	75	26	\$17.38	\$6.46
	5,003 LED	100	35	\$23.45	\$8.71
	5,904 LED	100	35	\$23.03	\$8.60
	6000 IND	85	29	\$19.24	\$5.14
B. Architectural	6,200 IND	85	29	\$10.13	\$3.93
	8,400 IND	100	34	\$10.69	\$4.36
	10,200 IND	120	41	\$11.75	\$4.99
	13,000 IND	150	52	\$12.98	\$5.93
	20,500 IND	200	69	\$14.78	\$7.37
	22,500 IND	265	91	\$17.63	\$9.28
	3,300 LED	43	15	\$10.24	\$3.79
	3,800 LED	32	12	\$7.73	\$2.92
	3,900 LED	32	12	\$9.96	\$3.51
	4,050 LED	63	22	\$18.63	\$6.52
	4,100 LED	45	16	\$10.34	\$3.89
	4,800 LED	41	15	\$8.27	\$3.27
	5,000 LED	41	15	\$9.61	\$3.62



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

	CHARGES				
	Lumen	Watts	kWh	Investment by Company	Investment by Others
	5,100 LED	60	21	\$10.18	\$4.19
	5,300 LED	67	24	\$10.47	\$4.48
	5,800 LED	94	32	\$17.81	\$5.16
	5,890 LED	89	31	\$20.56	\$7.66
	6,000 LED	62	22	\$18.63	\$6.52
	6,000 LED	67	24	\$19.89	\$6.99
	6,400 LED	89	31	\$17.89	\$5.10
	6,810 LED	101	35	\$18.89	\$7.50
	7,100 LED	62	22	\$19.70	\$6.80
	7,400 LED	127	44	\$20.42	\$6.34
	7,500 LED	73	26	\$20.08	\$7.18
	7,700 LED	86	30	\$18.41	\$7.02
	8,200 LED	88	31	\$10.45	\$4.97
	8,200 LED	95	33	\$11.87	\$5.48
	8,300 LED	72	25	\$17.93	\$6.54
	8,300 LED	106	37	\$12.45	\$5.91
	8,500 LED	88	31	\$11.69	\$5.30
	9,020 LED	139	48	\$22.94	\$9.47
	9,200 LED	139	48	\$25.60	\$7.30
	9,900 LED	130	45	\$13.82	\$6.84
	10,000 LED	93	32	\$21.43	\$7.96
	10,000 LED	113	39	\$13.26	\$6.28
	10,600 LED	126	44	\$22.56	\$9.09
	11,100 LED	108	38	\$12.76	\$6.07
	11,500 LED	108	38	\$13.16	\$6.18
	12,300 LED	203	70	\$25.48	\$8.85
	12,900 LED	119	41	\$22.31	\$8.82
	13,260 LED	202	70	\$27.11	\$12.12
	13,620 LED	202	70	\$28.49	\$9.24
	14,000 LED	171	59	\$26.07	\$11.08
	15,000 LED	136	47	\$24.93	\$9.94
	15,400 LED	144	50	\$25.21	\$10.22
	18,300 LED	162	56	\$16.13	\$8.22
	19,200 LED	257	89	\$26.87	\$13.38
	20,000 LED	258	89	\$26.87	\$13.38
	20,300 LED	193	67	\$17.17	\$9.26
	21,000 LED	193	67	\$24.77	\$11.28
C. Cobra	6,200 IND	75	26	\$10.54	\$3.77
	6,400 IND	85	29	\$8.97	\$3.78
	8,000 IND	88	30	\$10.47	\$4.04
	8,400 IND	100	34	\$9.70	\$4.24
	10,200 IND	120	41	\$10.44	\$4.81



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

				CHARGES				
				Investment by Company	Investment by Others			
				Lumen	Watts	kWh		
C. Cobra				13,000 IND	150	52	\$11.50	\$5.73
				15,250 IND	200	69	\$13.86	\$7.25
				22,500 IND	250	86	\$18.55	\$9.06
		Gray / Bronz	3,500 IND	55	19	\$10.50	\$3.27	
			6,000 LED	95	33	\$17.05	\$5.13	
			8,700 LED	142	49	\$19.17	\$6.53	
			9,600 LED	157	54	\$20.40	\$7.04	
			11,600 B-LED	181	62	\$19.03	\$7.44	
			Gray / Bronz	3,300 LED	43	15	\$9.00	\$2.79
			Gray / Bronz	5,300 LED	67	23	\$10.45	\$3.54
		Gray / Bronz	8,300 LED	106	37	\$13.55	\$4.94	
			Gray / Bronz	10,500 LED	130	45	\$15.08	\$5.69
			Gray / Bronz	20,000 LED	258	89	\$26.21	\$10.27
D. Decorative Transit				5,300 LED	75	26	\$28.44	\$6.12
				8,300 LED	100	34	\$30.45	\$6.97
				8,147 LED	75	26	\$35.76	\$11.36
				9,522 LED	100	35	\$36.14	\$12.09
				10,500 LED	150	52	\$32.69	\$8.52
				14,896 LED	150	52	\$39.98	\$14.29
		Double	8,147 LED	75	26	\$64.74	\$18.96	
			Double	9,522 LED	100	35	\$64.67	\$19.58
			Double	14,896 LED	100	52	\$70.67	\$22.32
			Copper	6,000 IND	85	29	\$18.87	\$5.09
			Gray / Black	8,000 IND	88	30	\$14.86	\$4.62
			Gray / Black	4,350 LED	86	30	\$13.48	\$4.44
E. Flood				14,470 LED	148	51	\$23.93	\$9.95
				16,000 LED	125	43	\$23.17	\$9.19
F. Pendant				8,678 LED	75	26	\$26.36	\$8.85
				13,964 LED	100	35	\$27.84	\$9.88
G. Post Top				4,350 LED	86	30	\$13.43	\$5.69
				6,400 LED	30	30	\$13.43	\$5.69
				6,600 LED	83	29	\$13.33	\$5.59
H. Roadway				3,300 LED	43	15	\$9.46	\$3.58
				3,800 LED	32	12	\$7.24	\$2.79
				3,900 LED	32	12	\$9.18	\$3.30
				4,100 LED	45	16	\$9.56	\$3.68
				4,800 LED	41	15	\$7.76	\$3.13
				5,000 LED	41	15	\$9.12	\$3.49
				5,100 LED	60	21	\$9.69	\$4.06
				5,300 LED	67	24	\$9.98	\$4.35
				8,200 LED	88	31	\$9.72	\$4.77



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

	8,200 LED	95	33	\$11.36	\$5.34
	8,300 LED	106	37	\$11.74	\$5.72
	8,500 LED	88	31	\$11.18	\$5.16
	9,900 LED	130	45	\$13.31	\$6.70
	10,000 LED	113	39	\$12.75	\$6.14
	11,100 LED	108	38	\$12.03	\$5.88
	11,500 LED	108	38	\$12.65	\$6.04
	18,300 LED	162	56	\$15.23	\$7.98
	19,200 LED	257	89	\$19.11	\$11.32
	20,000 LED	258	89	\$19.11	\$11.32
	20,300 LED	193	67	\$16.27	\$9.02
	21,000 LED	193	67	\$17.01	\$9.22

FROZEN	4,000 INC	295	103	\$10.54	\$5.89
	7,000 MV	175	73	\$13.65	\$7.83
	11,000 MV	250	96	\$17.09	\$10.43
	20,000 MV	400	150	\$26.84	\$15.21
FROZEN ACORN	9,500 HPS	100	41	\$29.14	\$9.93
	16,000 HPS	150	69	\$32.35	\$12.55
FROZEN ARCHITECTURAL	9,500 HPS	100	41	\$16.56	\$7.90
	16,000 HPS	150	69	\$19.77	\$19.34
	30,000 HPS	250	99	\$22.95	\$13.57
	50,000 HPS	400	153	\$28.32	\$19.53
	14,000 MH	175	72	\$23.17	\$12.70
	21,000 MH	250	101	\$26.31	\$15.66
	36,000 MH	400	159	\$32.89	\$21.54
	8,000 LPS	55	30	\$24.08	\$10.58
	13,500 LPS	90	50	\$28.39	\$12.76
	22,500 LPS	135	72	\$32.43	\$15.56
FROZEN COBRA ROADWAY	33,000 LPS	180	90	\$39.01	\$18.33
	5,800 HPS	70	29	\$9.40	\$5.56
	9,500 HPS	100	41	\$11.07	\$6.81
	16,000 HPS	150	69	\$13.86	\$9.50
FROZEN COBRA ROADWAY	30,000 HPS	250	99	\$16.72	\$12.35
	50,000 HPS	400	153	\$22.69	\$17.63
	14,000 MH	175	72	\$16.12	\$10.99
	21,000 MH	250	101	\$18.84	\$13.67
	36,000 MH	400	159	\$24.81	\$18.99
FROZEN DECORATIVE TRANSIT	8,000 FL	100	38	\$18.53	\$5.43
	9,500 HPS	100	41	\$39.95	\$11.96
	16,000 HPS	150	69	\$39.72	\$13.36
FROZEN FLOOD	30,000 HPS	250	99	\$45.74	\$17.26
	30,000 HPS	250	99	\$22.20	\$13.79
	50,000 HPS	400	153	\$27.53	\$19.14
	21,000 MH	250	101	\$23.69	\$14.58
FROZEN Colonial Gray	36,000 MH	400	159	\$28.89	\$19.76
	8,000 FL	100	38	\$19.97	\$5.64



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

POST TOP	Colonial Gray	9,500 HPS	100	41	\$11.42	\$7.16
	Colonial Black	9,500 HPS	100	41	\$13.15	\$7.41
	Decorative	9,500 HPS	100	41	\$34.97	\$11.03

NOTES:

1. Investment by Company. These rates are applicable where the Company provides the initial investment to purchase and install all facilities necessary for street lighting service. The Company will own, operate, and maintain the street lighting system.
2. Investment by Others. These rates are applicable in those instances where the requesting entity or individual purchases and installs the street lighting facilities at their own expense and in accordance with Company specifications. These rates will also apply in the instance where the Customer provides a non-refundable advance to the Company to cover the Company's cost of purchasing and installing the street lighting system. The Company retains ownership of the street lighting system and provides operation and maintenance for all facilities.
3. Listed kWhs reflect the assigned monthly energy usage for each type of fixture and are used to determine any applicable transmission, system benefit, distribution, energy, and adjustment charges.
4. HPS = High Pressure Sodium
5. MH = Metal Halide
6. LPS = Low Pressure Sodium
7. FL = Fluorescent
8. INC = Incandescent. Incandescent lighting charges are applicable and available only to those Customers being served and those installations in service on November 1, 1986.
9. MV = Mercury Vapor. Mercury Vapor lighting charges are applicable and available only to those Customers being served and those installation in service on November 1, 1986 in accordance with A.R.S. §49-1104(A).
10. LED = Light Emitting Diode
11. IND = Induction



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

II. POLES

				CHARGES		
				Investment by Company	Investment by Others	
A. Anchor Base Mounted (Flush)	Round Steel	1 Simplex Adapter	Height			
			12 ft.	\$13.11	\$1.81	
			22 ft.	\$14.75	\$2.03	
			25 ft.	\$15.97	\$2.21	
			30 ft.	\$18.34	\$2.52	
		32 ft.	\$19.27	\$2.55		
		2 Simplex Adapters	12 ft.	\$13.98	\$1.93	
			22 ft.	\$16.06	\$2.22	
			25 ft.	\$16.75	\$2.31	
			30 ft.	\$19.47	\$2.68	
	32 ft.		\$20.77	\$2.87		
	Square Steel	5"	13 ft.	\$15.03	\$2.06	
			15 ft.	\$13.43	\$1.85	
			23 ft.	\$15.93	\$2.19	
			25 ft.	\$17.51	\$2.41	
			28 ft.	\$19.44	\$2.67	
			32 ft.	\$19.33	\$2.66	
	Concrete		12 ft.	\$44.79	\$6.17	
	Fiberglass		12 ft.	\$37.93	\$5.22	
	Decorative Transit		4"	16 ft.	\$36.98	\$5.10
	Decorative Transit		6"	30 ft.	\$71.39	\$9.83
	Hinged Poles		Square	15 ft.	\$14.21	\$1.16
Round			19 ft.	\$12.85	\$1.05	
B. Anchor Base Mounted (Pedestal)	Round Steel	1 Simplex Adapter	12 ft.	\$12.61	\$1.73	
			22 ft.	\$14.26	\$1.96	
			25 ft.	\$15.46	\$2.13	
			30 ft.	\$17.85	\$2.47	
			32 ft.	\$18.75	\$2.58	
		2 Simplex Adapters	12 ft.	\$13.47	\$1.85	
			22 ft.	\$15.05	\$2.06	
			25 ft.	\$16.24	\$2.23	
			30 ft.	\$18.97	\$2.60	
			32 ft.	\$20.26	\$2.79	
		3 Bolt	32 ft.	\$23.28	\$3.20	
		Square Steel	5"	13 ft.	\$14.54	\$2.01
				15 ft.	\$14.86	\$2.03
				23 ft.	\$15.43	\$2.13
	25 ft.			\$17.02	\$2.36	
	28 ft.			\$18.91	\$2.60	
	32 ft.			\$19.63	\$2.69	



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

II POLES (cont)

			CHARGES			
			Investment by Company	Investment by Others		
			Height			
C. Direct Bury	Round Steel		19 ft.	\$19.84	\$2.74	
			30 ft.	\$15.49	\$2.87	
			38 ft.	\$18.90	\$2.94	
		Self	40 ft.	\$23.28	\$3.69	
		Stepped	25 ft.	\$53.55	\$4.37	
			32 ft.	\$56.40	\$4.60	
			49 ft.	\$70.00	\$9.65	
		Square Steel	4"	34 ft.	\$17.09	\$2.96
			5"	20 ft.	\$16.23	\$2.68
	30 ft.			\$16.92	\$2.79	
	38 ft.			\$18.36	\$3.19	
	8"		28 ft.	\$30.64	\$2.49	
			32 ft.	\$32.03	\$2.62	
	Decorative Transit		41 ft 6	\$22.05	\$3.24	
	Decorative Transit	47 ft.	\$27.47	\$4.04		
	Steel Distribution Pole (for lighting only)	35 ft.	\$25.36	\$3.34		
D. Post Top	Decorative Transit Anchor Base	16 ft.	\$37.77	\$5.19		
	Gray Steel/Fiberglass	23 ft.	\$13.10	\$2.15		
	Black Steel	23 ft.	\$14.44	\$2.38		
E. Existing distribution pole suitable for streetlight use			\$1.59	--		
F. FROZEN	Wood Poles	30 ft.	\$9.64	\$1.67		
		35 ft.	\$9.64	\$1.59		

NOTE: The monthly rate for all new poles includes up to 300 feet of overhead secondary wire, or up to 300 feet of underground secondary wire if the Customer provides earthwork and conduit (excluding the underground to overhead transition).

III. ANCHOR BASE

			CHARGES	
			Investment by Company	Investment by Others
A. Flush		Height		
		4 ft.	\$10.67	\$1.47
		6 ft.	\$12.73	\$2.21
B. Pedestal		8 ft.	\$14.59	\$2.54
	For 32' Round Steel Pole only	4 ft. 6"	\$10.12	\$1.75



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

IV. CHARGES FOR OPTIONAL OR ADDITIONAL EQUIPMENT

		CHARGE
		Company Owned
Underground Circuit Charges:		
a.	Per foot of cable, installed under paving	\$0.17000
b.	Per foot of cable, not installed under paving	\$0.06000

V. DETERMINATION OF CHARGES FOR NEW EQUIPMENT

Monthly charges for new lighting fixtures, poles and other equipment not included in Sections I, II, or III above will be determined by the Company using the following method:

Step 1 Determination of Charges for each Charge Type							Monthly Fixed Charge Rate
Charge Type	Monthly Charge		Cost Inputs Equipment Cost		PV Factor		
1	Carrying Cost (fixtures)	=	(installed)	x	NA	x	1.518%
			Equipment Cost				
2	Carrying Cost (poles)	=	(installed)	x	NA	x	1.296%
			Equipment Cost				
3	Fixture Replacement Cost	=	Equipment Cost (installed)	x	0.257	x	1.518%
4	Pole, Anchor Replacement Cost	=	Equipment Cost (installed)	x	0.110	x	1.296%
5	Lighting O&M	=	O&M Cost (lifecycle)	x	0.427	x	1.518%
Charge Type	Monthly Charge		kWh Input		\$/kWh		
6	Generation	=	kWh per month	x	0.06760		
7	T&D, RCS, SB	=	kWh per month	x	0.02738		



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

Step 2 Determination of Total Monthly Charge
The total monthly charge will be the summation of the charges for each applicable charge type

<u>Equipment</u>	<u>Charge Type</u>
Fixture - IBC	1,5,6,7
Fixture - IBO	3,5,6,7
Pole, Anchor Base - IBC	2
Pole, Anchor Base - IBO	4

TRIP CHARGE

A \$100.00 trip charge per light will be charged when a Customer requests a disconnect or reconnect of service in order to accommodate the maintenance activities of the Customer or its designee(s) on their street lighting equipment.

ADJUSTMENTS

The bill will include the following adjustments:

1. The Renewable Energy Standard charge, Adjustment Schedule REAC-1.
2. The Power Supply Adjustment charges, Adjustment Schedule PSA-1.
3. The Transmission Cost Adjustment charge, Adjustment Schedule TCA-1.
4. The Environmental Improvement Surcharge, Adjustment Schedule EIS.
5. The Demand Side Management Adjustment charge, Adjustment Schedule DSMAC-1.
6. The Lost Fixed Cost Recovery Adjustment charge, Adjustment Schedule LFCR.
7. Direct Access Customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge, Adjustment Schedule RCDAC-1.
8. Any applicable taxes and governmental fees that are assessed on APS's revenues, prices, sales volume, or generation volume.

SERVICE DETAILS

1. Street lighting facilities installed under this rate schedule are of the type currently being furnished by Company as standard at the time service is initially requested. Standard facilities are those listed in the Company's Transmission and Distribution Construction Standards book.



**RATE SCHEDULE E-58
CLASSIFIED SERVICE
STREET LIGHTING SERVICE**

2. The Customer will be responsible for notifying the Company when the streetlighting facilities are not operating as intended. The Company will use reasonable efforts to complete normal maintenance (replacement of lamps, photocontrols or fixtures) within ten (10) working days from notification by Customer. If the maintenance requires cable replacement or repairs, the Company will use reasonable efforts to complete said repairs within twenty (20) working days.
3. The Customer's bill will not be reduced due to lamp, photocontrol or cable repair or replacement outages.
4. Lighting equipment which is not specified in this rate schedule will be billed at the rates corresponding to the most similar equipment, as determined by the Company.
5. Non-standard facilities (non-standard being defined as any facility not listed in the Company's Transmission and Distribution Construction Standards book) do not qualify for this rate schedule. At the Company's discretion, such facilities may be served under another of the Company's rate schedules.
6. The Company will extend its standard street lighting system up to a distance of 300 feet for each additional lighting installation without cost at the request of the Customer. When the extension is underground the customer will provide earthwork as specified in the Company's Service Schedule 3, Conditions Governing Extensions of Electric Distribution Lines and Services; or, at the applicant's request, the Company will provide such earthwork and the applicant will be required to pay a non-refundable contribution in aid of construction equal to the cost of such earthwork. Any additional extension required (over and above the first 300 feet) will be provided by Company for a contribution in aid of construction equal to the cost of the additional extension.
 - a. Extensions to isolated areas requiring a substantial extension of the electric distribution system, as opposed to an extension of the street lighting system, will require a special study to determine the terms and conditions under which the Company will undertake such an extension.
7. APS provides electric service under the Company's Service Schedules. These schedules provide details about how the Company serves its Customers, and they have provisions and charges that may affect the Customer's bill. In addition, service may be subject to special terms and conditions as provided for in a Customer contract or service agreement.

THESE DRAWINGS AND SPECIFICATIONS ARE THE SOLE PROPERTY OF WRIGHT ENGINEERING CORPORATION AND MAY NOT BE REPRODUCED OR MODIFIED FOR ANY USE WITHOUT THE EXPRESS WRITTEN PERMISSION OF WRIGHT ENGINEERING CORPORATION.

ASSISTED LIVING AT THE COLONNADE

STREET LIGHT DESIGN

STREET LIGHTING REQUIREMENTS

5.00 GENERAL NOTES:

THE FOLLOWING INFORMATION IS PROVIDED TO EMPHASIZE CRITICAL WORK AND IS INTENDED TO SUPPLEMENT THE SPECIFICATIONS. SHOULD THERE BE A CONFLICT WITH THE SPECIFICATIONS, THIS DOCUMENT SHALL TAKE PRECEDENCE.

ALTERNATES SHALL BE PRE-APPROVED BY THE CITY ENGINEERING MANAGER. APPROVAL OF ALTERNATE PRODUCTS SHALL BE ON AN EQUAL BASIS WITH THE PRODUCT SPECIFIED AND SHALL BE SUBMITTED A MINIMUM OF TEN (10) DAYS PRIOR TO BID OPENING. STRUCTURAL CALCULATIONS SHALL BE FURNISHED FOR ALTERNATE PRODUCTS AND CERTIFIED BY A STRUCTURAL ENGINEER, REGISTERED IN THE STATE OF ARIZONA. LUMINAIRES AND LAMPS SHALL MEET OR EXCEED THE PHOTOMETRIC, ELECTRICAL, AND MECHANICAL REQUIREMENTS FOR THE SPECIFIED PRODUCTS.

THE CONTRACTOR SHALL COMPLY WITH STATE AND CITY STATUTES, AND MANUFACTURER'S RECOMMENDATIONS.

THE SUBMITTAL PACKAGE SHALL CONSIST OF THREE (3) COPIES OF EQUIPMENT/MATERIAL TO BE INSTALLED AND SHALL BE BOUND/STAPLED IN A FOLDER AND SUBMITTED AT THE TIME OF PERMIT APPLICATION.

PRIOR TO SUBMITTING A PROPOSAL, THE BIDDER SHALL EXAMINE ALL GENERAL CONSTRUCTION DRAWINGS AND VISIT THE CONSTRUCTION SITE TO BECOME FAMILIAR WITH EXISTING CONDITIONS UNDER WHICH HE WILL OPERATE AND WHICH WILL IN ANY WAY AFFECT THE WORK UNDER THE CONTRACT. NO SUBSEQUENT ALLOWANCE WILL BE MADE IN THIS CONNECTION IN THE BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLIGENCE ON HIS PART.

PRIOR TO ORDERING ANY MATERIALS OR DOING ANY WORK, THE CONTRACTOR SHOULD VERIFY DIMENSIONS AT THE SITE. IMMEDIATELY REPORT DIFFERENCES TO THE ENGINEERING MGR. AND SHOULD NOT PROCEED WITH WORK UNTIL THE ENGINEERING MGR. RENDERS A DECISION. NO EXTRA CHARGES OR COMPENSATION WILL BE ALLOWED FOR DIFFERENCES IN ACTUAL DIMENSIONS AND DIMENSIONS INDICATED ON THE DRAWINGS.

5.01 GENERAL:

THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH ALL LICENSING REQUIREMENTS SET FORTH BY THE STATE REGISTRAR OF CONTRACTORS OFFICE TO PERFORM WORK RELATING TO STREET LIGHT INSTALLATION IN THE CITY RIGHT-OF-WAY.

ONE PROJECT UNDERGROUND UTILITIES (RIGHT OF WAY) PERMIT AND ONE STREETLIGHT PERMIT FOR EACH STREET LIGHT POLE SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

5.02 WORKING / "AS BUILT" PLANS:

ACCEPTANCE OF THE COMPLETED IMPROVEMENTS WILL NOT BE GIVEN UNTIL 4 MIL PHOTO MYLAR REPRODUCIBLE "AS BUILT" PLANS HAVE BEEN SUBMITTED TO AND APPROVED BY THE CITY ENGINEER.

5.03 LIGHT POLES:

LIGHT POLES SHALL BE INSTALLED PLUMB, BE ADJUSTED TO PROVIDE PROPER ALIGNMENT TO THE ROADWAY BEING LIGHTED AND BE PROPERLY GROUNDED WHEN THE INSTALLATION IS COMPLETE.

5.04 EMBEDMENT:

DIRECT BURIED POLES SHALL BE SET IN A TWELVE (12) INCH AUGURED HOLE DEPTH AS SPECIFIED IN UNDISTURBED EARTH. POLE SHALL BE SET PLUMB IN TWO DIRECTIONS 90 DEGREES APART. HAND TAMPING OF ABC BACKFILL WITH PNEUMATIC OR VIBRATING EQUIPMENT IS THE ACCEPTABLE METHOD OF COMPACTION. BACKFILL SHALL BE COMPACTED TO 85% OF MAXIMUM DENSITY AS DEFINED BY ASTM D-2922 AND D-3017. A GROUND ROD SHALL BE INSTALLED ADJACENT TO PULL BOX IN UNDISTURBED SOIL AND A LEAD IN COPPER BOND WIRE (#6) SHALL BE INSTALLED IN 1" CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT (OR EQUAL) FOR POLE GROUNDING.

SURPLUS EXCAVATION SHALL BE DISPOSED OF BY THE CONTRACTOR.

5.05 LUMINAIRES:

LUMINAIRES SHALL BE INSTALLED LEVEL AND INCLUDE A LAMP AND PHOTOCCELL. CONTRACTOR SHALL ASSURE THAT THE LUMINAIRES SHALL BE FREE OF DUST, DIRT OR ANYTHING THAT WOULD IMPAIR THE OUTPUT OF THE LIGHT BEFORE HE LEAVES THE SITE.

LUMINAIRES FURNISHED WITH MULTI-TAP BALLASTS SHALL BE REWIRED OR RECONNECTED TO MATCH THE VOLTAGE SUPPLIED BY THE ELECTRIC UTILITY COMPANY.

5.06 WIRING:

WIRING SHALL BE INSTALLED PER UTILITY STANDARDS.

5.07 GROUNDING:

EACH POLE SHALL HAVE A 8' X 5/8" COPPER CLAD GROUND ROD DRIVEN ADJACENT TO PULL BOX. A #6 BARE COPPER LEAD FROM THE GROUND ROD IN PULL BOX TO LANDING LUG IN STREET LIGHT POLE HAND HOLE.

5.08 PULL BOXES:

EXCAVATION FOR PULL BOXES AND MATERIAL SPECIFICATION SHALL BE PER THE ELECTRIC UTILITY COMPANY STANDARDS.

5.09 TRENCH

TRENCH SHALL BE INSTALLED PER THE UTILITY COMPANY STANDARDS.

THE USE OF A COMMON ELECTRIC UTILITY COMPANY TRENCH IS PERMITTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE UTILITY COMPANY FOR COORDINATION OF TRENCHING AND THE INSTALLATION OF CONDUIT.

5.10 CONDUIT:

CONDUIT SHALL BE INSTALLED AT THE DEPTH SPECIFIED ON THE PLANS. CONDUIT SHALL BE 1 INCH CARFLEX LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT OR EQUAL. CONDUIT MUST BE UL RATED AND SUITABLE FOR UNDERGROUND USE.

5.11 CONNECTIONS:

CONNECTIONS SHALL BE PER UTILITY STANDARDS.

5.12 LIGHT POLE IDENTIFICATION:

THE CONTRACTOR SHALL FURNISH AND INSTALL A NUMBER ON EACH LIGHT POLE. STREET LIGHT POLE IDENTIFICATION AND SPECIFICATIONS WILL BE PROVIDED BY THE CITY OF SURPRISE.

5.13 RESTORATION:

IT IS THE CONTRACTOR'S RESPONSIBILITY TO RESTORE ALL PROPERTY, LANDSCAPING, PAVING AND DRIVEWAYS THAT ARE DISTURBED DURING STREET LIGHT CONSTRUCTION TO THEIR ORIGINAL CONDITION IN CONFORMANCE WITH "MAG" SPECIFICATION SECTION 107.9.

5.14 TEST:

THE DEVELOPER SHALL BE RESPONSIBLE FOR FURNISHING ALL PERSONNEL AND EQUIPMENT TO SUCCESSFULLY PERFORM THE FOLLOWING TEST.

5.14.01 PERFORMANCE:

PRIOR TO ACCEPTANCE, THE DEVELOPER SHALL ENERGIZE AND OPERATE THE ENTIRE ROADWAY LIGHTING SYSTEM, FROM SUNSET TO SUNRISE FOR TWO CONSECUTIVE DAYS WITHOUT INTERRUPTION OR FAILURE. IF A LAMP OR BALLAST SHOULD FAIL, IT SHALL BE IMMEDIATELY REPLACED.

5.15 WARRANTY:

THE CONTRACTOR SHALL GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE ENGINEERING MANAGER, AGAINST IMPERFECT WORKMANSHIP, FAILURE, MALFUNCTION OF MATERIALS AND/OR EQUIPMENT DUE TO FAULTY OR IMPERFECT WORKMANSHIP. THIS GUARANTEE IS TO BE IN WRITING TO THE CITY AT THE TIME OF ISSUING FINAL ACCEPTANCE. WORK FOUND TO BE DEFECTIVE WITHIN THE WARRANTY PERIOD SHALL BE REPLACED WITHOUT COST TO THE CITY.

GENERAL ENGINEERING NOTES:

- ALL CONSTRUCTION MUST CONFORM TO MARICOPA ASSOCIATION OF GOVERNMENT (MAG) SPECIFICATIONS AND DETAILS AND LATEST REVISIONS UNLESS OTHERWISE STATED ON PLANS.
- THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND THEY WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL OVERHEAD AND UNDERGROUND UTILITY LOCATIONS WHERE CONSTRUCTION OCCURS. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT ALL UTILITIES ARE AVOIDED. UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND NOT FOR CONSTRUCTION PURPOSES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AND OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT BLUE STAKE LAWS. CALL BLUE STAKE FOR FIELD LOCATION AT (602) 263-1100.
- THE CITY OF SURPRISE ENGINEERING SERVICES OF PUBLIC WORKS SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK AT 623-222-6150.
- THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION OR VARIANCE FROM THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE PROPOSED AND RESUBMITTED FOR REVIEW AND APPROVAL.
- THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE DRAWING, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE. EXISTING SURFACE FEATURES AND FENCING SHALL BE REPLACED IN KIND.
- ANY INSPECTION BY THE CITY, COUNTY, OR THE ENGINEER, SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE APPLICABLE CODES AND AGENCY REQUIREMENTS.
- THE CONTRACTOR IS TO LOCATE ALL EXISTING LANDSCAPING, LANDSCAPING IRRIGATION LINES, PROPERTY MONUMENTS, FENCING OR SURFACE FEATURES PRIOR TO CONSTRUCTION. ANYTHING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
- NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
- ALL CONSTRUCTION WATER USED WITHIN THE CITY OF SURPRISE WATER SERVICE AREA REQUIRES APPROVAL BY THE CITY OF SURPRISE PUBLIC WORKS DEPARTMENT AND MAY BE SUBJECT TO VOLUME AND TIME RESTRICTIONS. PLEASE SEE THE CITY OF SURPRISE CONSTRUCTION WATER GUIDELINES FOR ADDITIONAL INFORMATION. THE GUIDELINES CAN BE OBTAINED FROM THE PUBLIC WORKS DEPARTMENT AT 623-222-7000.
- TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH MAG SPECIFICATION 401, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND THE "TEMPORARY WORK ZONE TRAFFIC MANAGEMENT POLICY" (LATEST EDITION).
- PRIOR TO FINAL APPROVAL AND ACCEPTANCE OF THE WORK, THE DEVELOPER/CONTRACTOR WILL BE REQUIRED TO CLEAN AND REPAIR ADJACENT (OFF-PROJECT) ROADWAYS USED OR DAMAGED DURING THE COURSE OF CONSTRUCTION.
- EMERGENCY VEHICLE ACCESS (E.V.A.) MUST BE PROVIDED BY THE DEVELOPER/CONTRACTOR THROUGHOUT THE PROJECT SITE. E.V.A. ROADS AND SIGNAGE SHALL BE MAINTAINED BY THE DEVELOPER/CONTRACTOR AT ALL TIMES. SIGNAGE SHALL BE POSTED AT THE POINT OF ENTRY TO THE SITE AND AT ALL LOCATIONS WHERE A CHANGE IN DIRECTION OCCURS.
- THE PLANS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT'S ACCESSIBILITY GUIDELINES, AS PUBLISHED IN THE FEDERAL REGISTER ON SEPTEMBER 15, 2010.

NOTE

THE ELECTRICAL/MAINTENANCE COSTS OF ALL STREET LIGHTS ON LOCAL AND COLLECTOR STREETS (TYPICALLY THE 100 WATT / 9,500 LUMEN AND THE 150 WATT /16,000 LUMEN FIXTURES) ARE TO BE PAID BY THE ADJACENT PROJECT OR THE ADJACENT DEVELOPMENT'S STREET LIGHT IMPROVEMENT DISTRICT (SLID). THE ELECTRICAL / MAINTENANCE COSTS OF ALL STREET LIGHTS ON ARTERIAL STREETS (TYPICALLY THE 250 WATT/ 30,000 LUMEN FIXTURES) ARE TO BE BILLED TO THE CITY OF SURPRISE'S ENERGY BILL.

CONSTRUCTION NOTES

- (1) 88W LED (8,200 LUMEN) FIXTURE (LIGHT CODE RL42) WITH PHOTOELECTRIC CONTROL ON A 34'-0" DIRECT BURIED POLE (1940.34) WITH A 4' MAST ARM (S4) PER APS DETAIL 8030 (SEE SHEET SL-3). INSTALL (2) #14 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS. CAT# ERL1-0-08-A1-30-A-DKBZ OR APPROVED EQUAL.
- INSTALL APS PULL BOX NEXT TO POLE. INSTALL 1" CONDUIT WITH (2) #14 TYPE THHN/THWN AND (1) #14 BARE BOND FROM PULL BOX TO FUSE HOLDER IN STREET LIGHT PER APS DETAILS AND SPECIFICATIONS.

LEGEND

- 88W LED STREET LIGHT
- EXISTING 150W HPS STREET LIGHT
- PULL BOX
- NEW CONDUIT RUN
- FUTURE STREET LIGHT

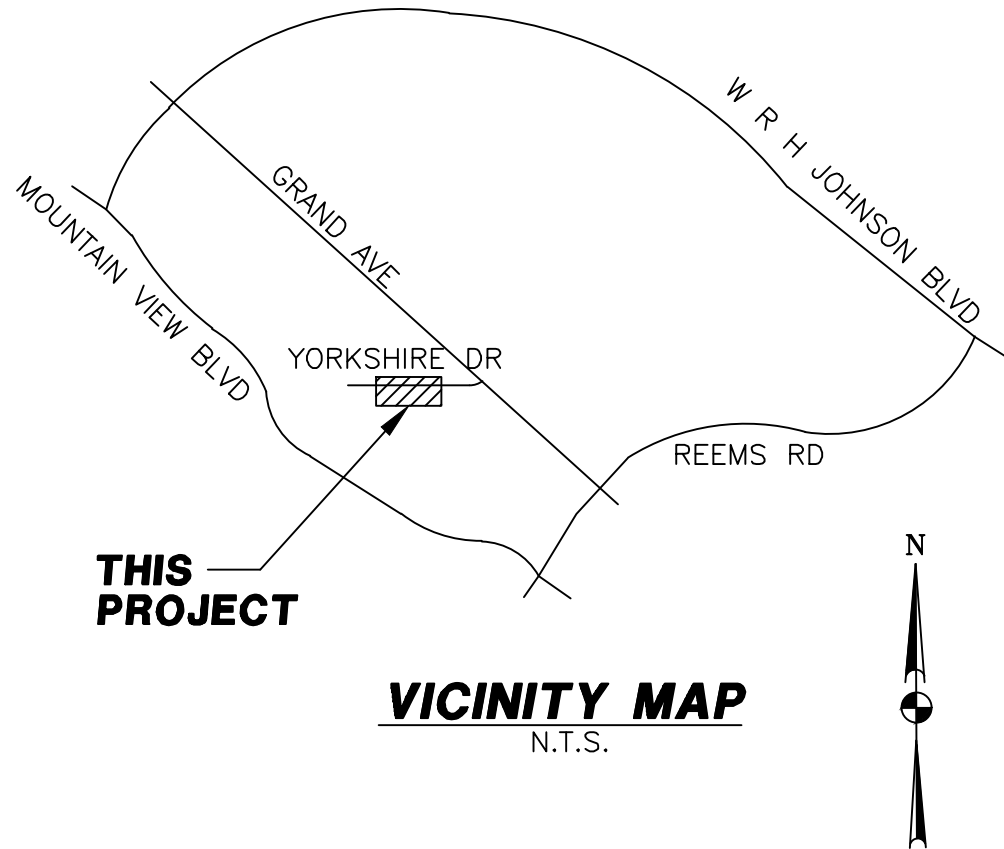
CIVIL ENGINEER:
HILGARTWILSON
2141 E. HIGHLAND AVE,
SUITE 250
PHOENIX, AZ 85016
PHONE: (602)490-0535
CONTACT: CASEY WHITEMAN

ELECTRICAL ENGINEER
WRIGHT ENGINEERING
165 E. CHILTON DR
CHANDLER, AZ 85225
PHONE: (480) 497-5829
CONTACT: JACOB BIELEFELDT
EMAIL: JBIELEFELDT@WRIGHTENGINEERING.US

CITY OF SURPRISE ENGINEER

DATE

STREET LIGHTING (APS AREA)															
KEY NO.	SYMBOL	STREET TYPE	OFFSET BEHIND B/C	QUANTITY	POLE		MAST ARM	LUMINAIRE							APS STANDARD CODE NO.
					POLE HEIGHT	FOUNDATION		SIZE	MOUNTING HEIGHT	LUMENS	WATTAGE	I.E.S. DIST.	VOLTAGE	TYPE	
①		COLLECTOR	PER PLANS	3	34'-0"	DIRECT BURY	4'-0"	28'	8,200	88W	TYPE II	PER APS STANDARDS	LED	ARCHITECTURAL (SHOEBOX)	8030.S4



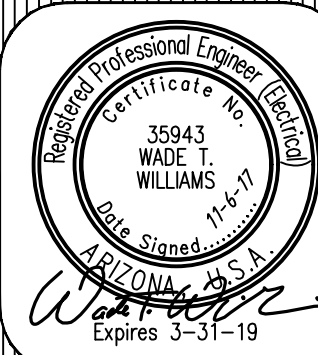
SURPRISE, ARIZONA

ASSISTED LIVING AT THE COLONNADE
YORKSHIRE DR AND GRAND AVE

STREET LIGHT COVER SHEET

NO. DATE SUBMITTALS/REVISIONS (DESCRIPTIONS)

1	OCT 2016	1ST SUBMITTAL
2	SEP 2017	2ND SUBMITTAL
3	NOV 2017	3RD SUBMITTAL



DRAWING NO:

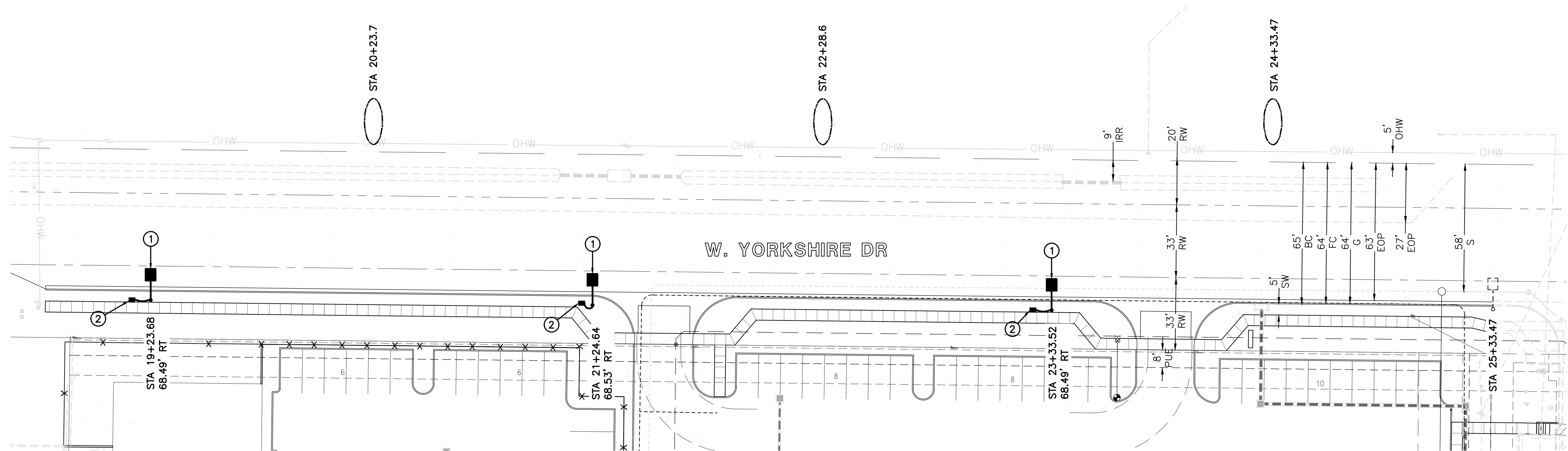
SL1
OF 3

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WRIGHT ENGINEERING
PROJECT NO:
16269
DESIGN BY: JHB
DRAWN BY: JLW
CHECKED BY: WTW

WRIGHT engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807
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PROJECT: TITLE:



STREET LIGHT PLANS

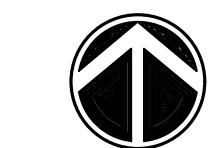
$$1'' = 30'$$

CONSTRUCTION NOTES

- ① 1) 88W LED (8,200 LUMEN) FIXTURE (LIGHT CODE RL42) WITH PHOTOELECTRIC CONTROL ON A 34" -Ø DIRECT BURIED POLE (1940.34) WITH A 4" MAST ARM (1940.34) PER APS DETAIL PER APS DETAILS AND SPECIFICATIONS. WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.
CAT# ERL1-0-08-A1-30-A-DKBZ OR APPROVED EQUAL.
- ② 2) INSTALL APS PULL BOX NEXT TO POLE. INSTALL 1" CONDUIT WITH (2) #14 TYPE THHN/THWN AND (1) #14 BARE BOND FROM PULL BOX TO FUSE HOLDER IN STREET LIGHT PER APS DETAILS AND SPECIFICATIONS.

LEGEND

-  88W LED STREET LIGHT
 EXISTING 150W HPS STREET LIGHT
 PULL BOX
 NEW CONDUIT RUN
 FUTURE STREET LIGHT

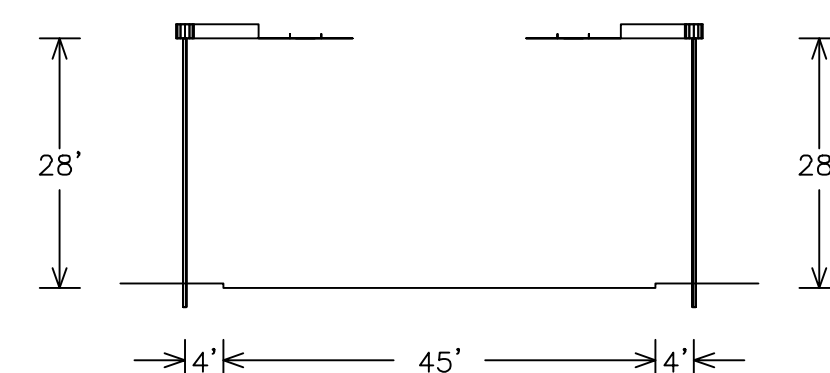
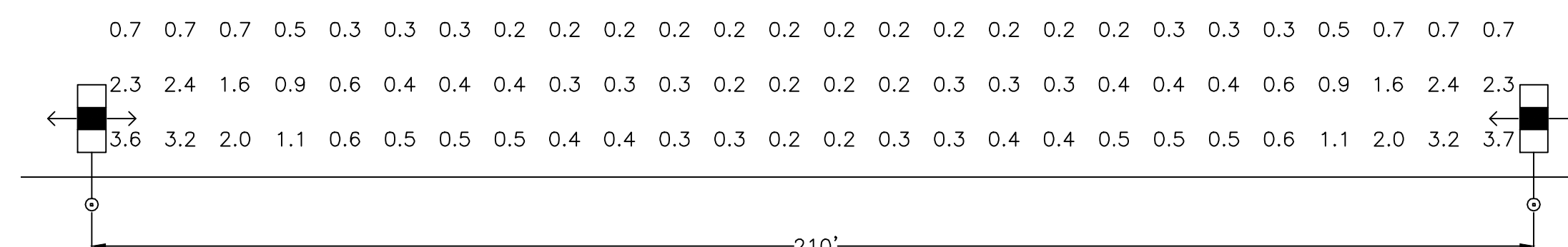


NORTH
SCALE 1"=30'

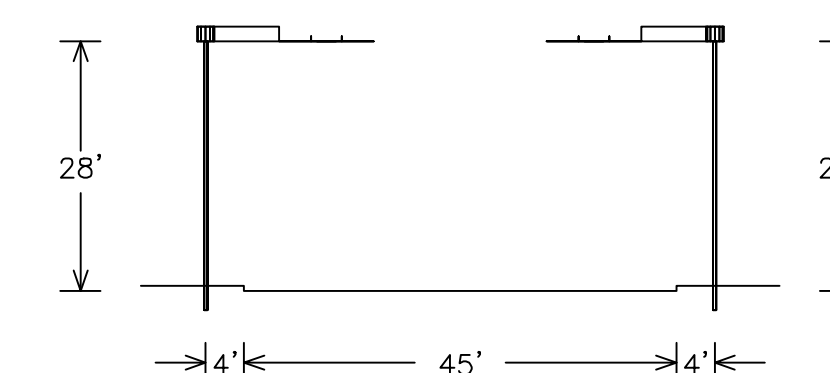
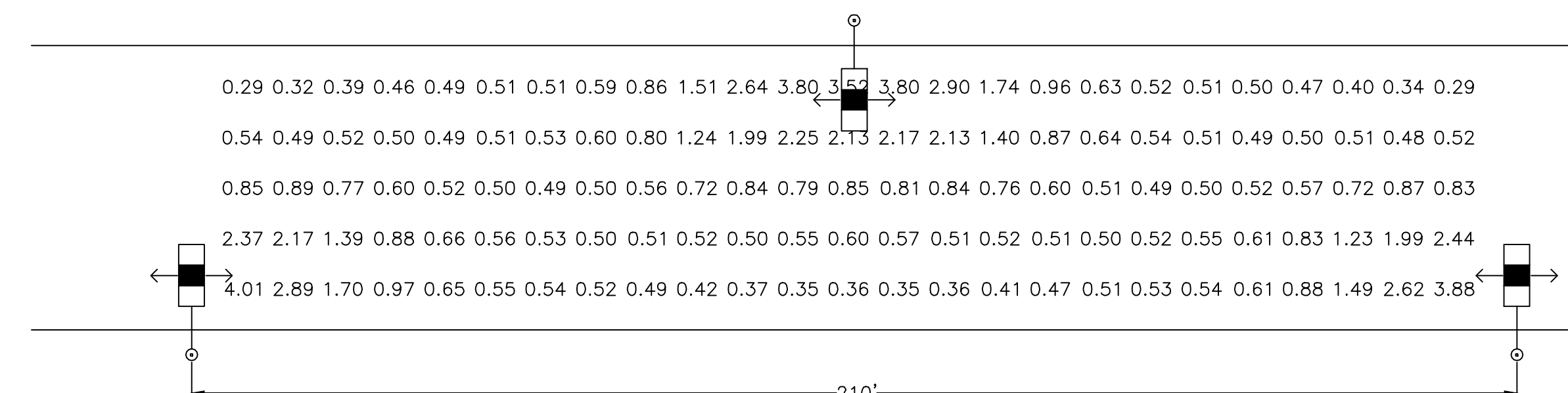
LEGEND

- 88W LED Shoebox, 3000K
Type II Distribution, 4' Mast arm (8,200 lumen)
candle file_eri_130_tm201_03994.pdf
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.910, watts per luminaire = 88
mounting height= 28 ft
number locations= 9, number luminaires= 9
kw all locations= 0.8

FUTURE LIGHT



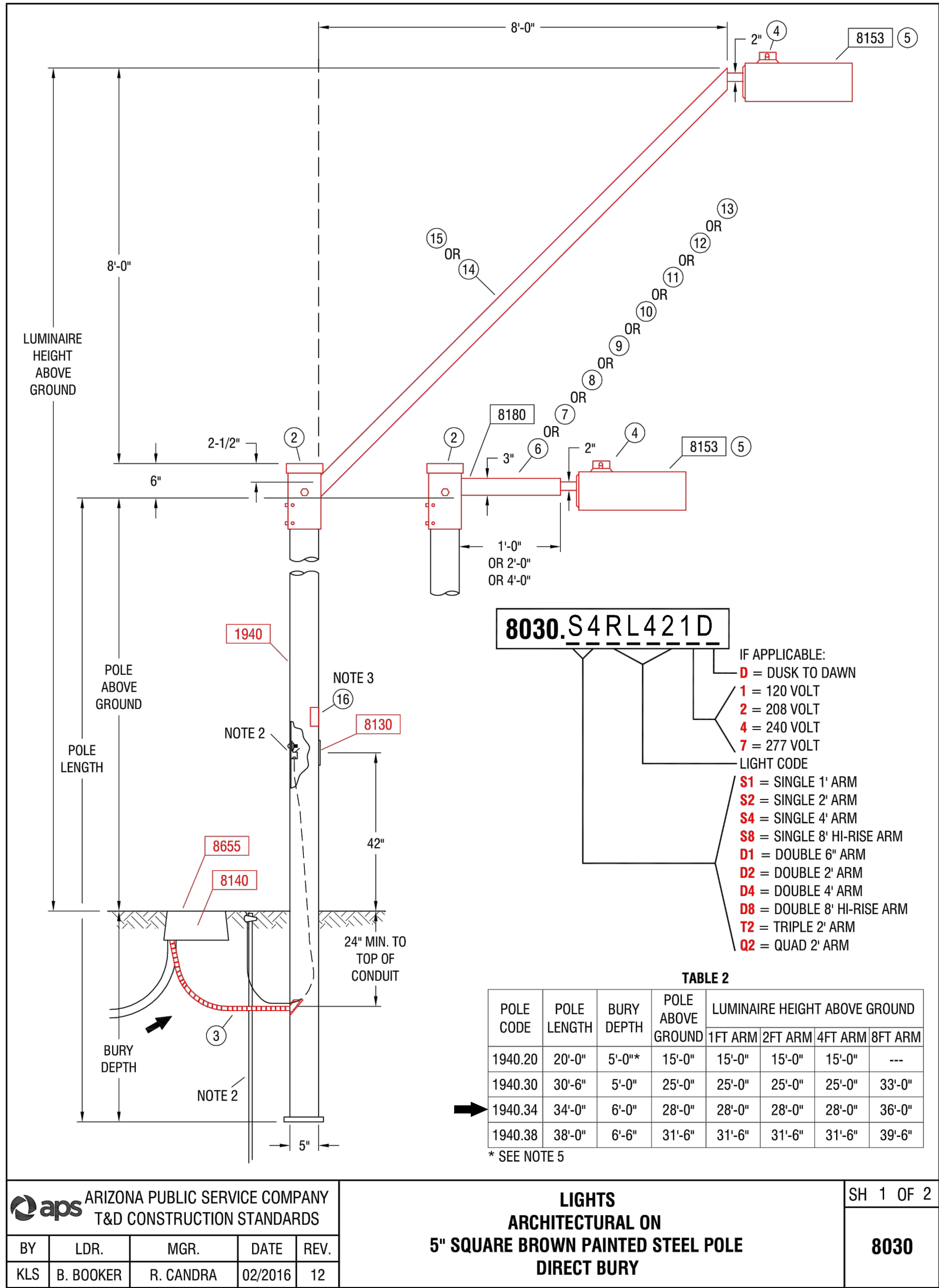
PROPOSED PHOTOMETRIC CALCULATIONS



FUTURE	
125 points at z=0, sp 8ft by 8ft	
HORIZONTAL FOOTCANDLES	
Average	0.95
Maximum	4.01
Minimum	0.29
Avg:Min	3.26
Max:Min	13.83
Coef Var	0.88
UnifGrad	2.94

FUTURE PHOTOMETRIC CALCULATIONS

THESE DRAWINGS AND SPECIFICATIONS ARE THE SOLE PROPERTY OF WRIGHT ENGINEERING CORPORATION AND MAY NOT BE REPRODUCED OR MODIFIED FOR ANY USE WITHOUT THE EXPRESS WRITTEN PERMISSION OF WRIGHT ENGINEERING CORPORATION.



ROADWAY SCALEABLE LED 3000K						
LIGHT CODE	COLOR	APN	WATTS	VOLTS	INITIAL LUMENS	PHOTOMETRIC CURVE
RL40	BRONZE	00140047	32	120/208/240/277	3,800	ERL1_04B130_120-277VIES
RL41		00140048	41	120/208/240/277	4,800	ERL1_05E130_120-277VIES
RL42		00140049	88	120/208/240/277	8,200	ERL1_08E130_120-277VIES
RL43		00140050	108	120/208/240/277	11,000	ERS1_11E130_120-277VIES
RL44		00140051	162	120/208/240/277	19,000	ERS2_19E130_120-277VIES

- NOTES:
- ADJUST PHOTO EYE TO FACE NORTH.
 - A GROUND ROD IS PROVIDED WITH EACH STREET LIGHT POLE. WHERE A GROUND ROD CANNOT BE DRIVEN, ALTERNATE GROUND SHALL BE USED. SEE 2449 THRU 2460 FOR APPROVED ALTERNATES.
 - SIGN, "NOTICE THIS POLE IS OWNED AND MAINTAINED BY APS. DISCONNECT INSIDE", IS REQUIRED ON ALL DUSK-TO-DAWN AND AREA LIGHTING APPLICATIONS.
 - POLES THAT HAVE MORE THAN ONE LUMINAIRE REQUIRE A SEPARATE CIRCUIT WITH FUSING FROM THE J-BOX TO EACH LUMINAIRE.
 - USING THE 20'-0" POLE TO MATCH THE 16'-0" PEDESTRIAN LIGHT MOUNTING HEIGHT REDUCE POLE BURY DEPTH TO 4'-0".
 - THE BROWN PHOTO CONTROL IS A FAIL OFF CONTROL AND SHALL BE USED WITH ALL INDUCTION AND LED LUMINAIRES.
 - ON 277 VOLT STREET LIGHT CIRCUITS, INSTALL A "277 VOLT" MICARTA TAG ON CABLE IN J-BOX. TAG PROVIDED BY SPEC 8129.
 - THE LUMINAIRE SHOWN IS RECOMMENDED FOR THIS MOUNTING HEIGHT. SEE 8153 FOR ADDITIONAL BROWN ARCHITECTURAL LUMINAIRES.
 - THE TWO ARMED TENON BRACKET POSITIONS THE DOUBLE ARM 180 DEGREES APART.
 - TO ACCOMMODATE LESS THAN THE SPECIFIED LUMINAIRE MOUNTING HEIGHT, A SHOP ORDER IS REQUIRED TO HAVE A PORTION FROM THE TOP OF THE POLE CUT OFF. THE TENON ARM BRACKET SLIDES OVER AND COVERS THE CUT PORTION OF THE POLE.
 - IN-LINE FUSE FOR UNDERGROUND FEEDS, SEE 8130-8140.
 - FOR PEDESTRIAN ONLY APPLICATIONS SEE 8030.

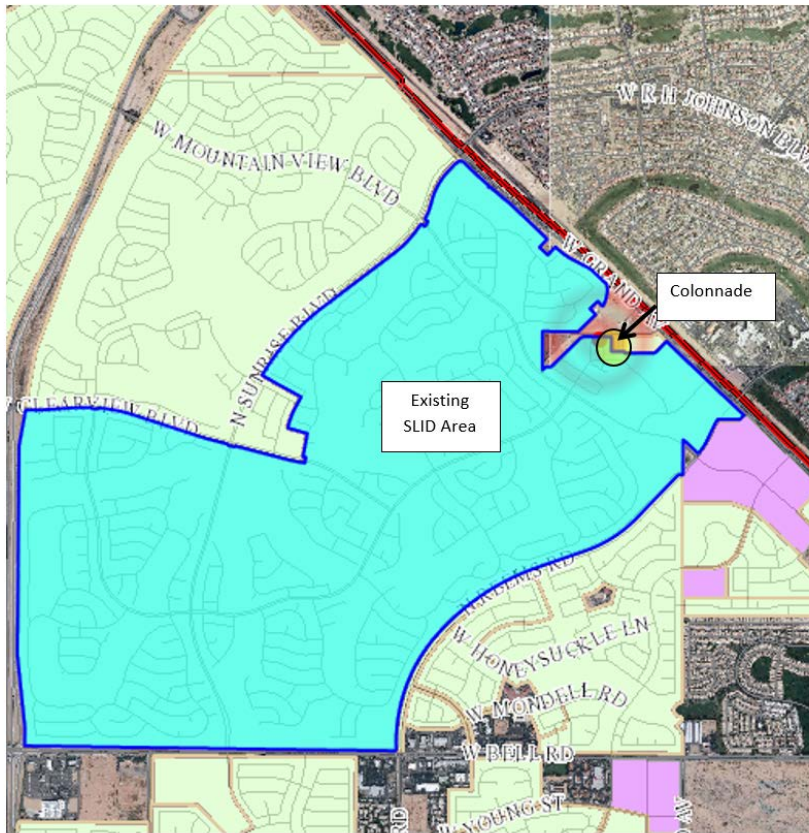
LIGHT CODE	APN	WATTS	K	TYPE	VOLTS	INITIAL LUMENS	MOUNTING HEIGHT
AH16	00099450	100	2100	HPS	120/208/240/277	9,500	SEE TABLE 2
AH17	00099451	150			120/208/240/277	16,000	
AH18	00099452	250			120/208/240/277	30,000	
AH19	00099454	400			120/208/240/277	50,000	
RN40	00128250	55	2700	IND	120/208/240/277	3,500	
RN41	00126667	100			120/208/240/277	8,400	
RN42	00132846	120			120/208/240/277	10,200	
RN43	00132850	150			120/208/240/277	13,000	
RN44	00121153	200	5000	IND	120/208/240/277	15,250	
RN45	00116527	250			120/208/240/277	22,500	
RL40	00141047	32			120/208/240/277	3,800	
RL41	00141048	41			120/208/240/277	4,800	
RL42	00141049	88	3000	LED S	120/208/240/277	8,200	
RL43	00141050	108			120/208/240/277	11,000	
RL44	00141051	162			120/208/240/277	19,000	
RL50	00128251	45			120/208/240/277	4,300	
RL52	00126804	60	4000	LED S	120/208/240/277	5,400	
RL53	00126805	95			120/208/240/277	8,600	
RL54	00126806	113			120/208/240/277	10,000	
RL56	00128365	257			120/208/240/277	19,200	
AL56	00113722	62	4000	LED M	120/208/240/277	7,100	
AL58	00129911	72			120/208/240/277	8,300	
AL60	00113723	119			120/208/240/277	12,900	
AL61	00116525	119R*			120/208/240/277	12,900	
AL62	00116526	119L*	1700	LPS	120/208/240/277	12,900	
AL65	00107462	144			120/208/240/277	15,400	
AS20	33806772	55			120/240	8,000	
AS21	33806774	90			120/240	13,500	
AS22	33806776	135			120/240	22,500	
AS23	33806778	180			120/240	33,000	

* CALL STANDARDS ENGINEERING FOR APPLICATION

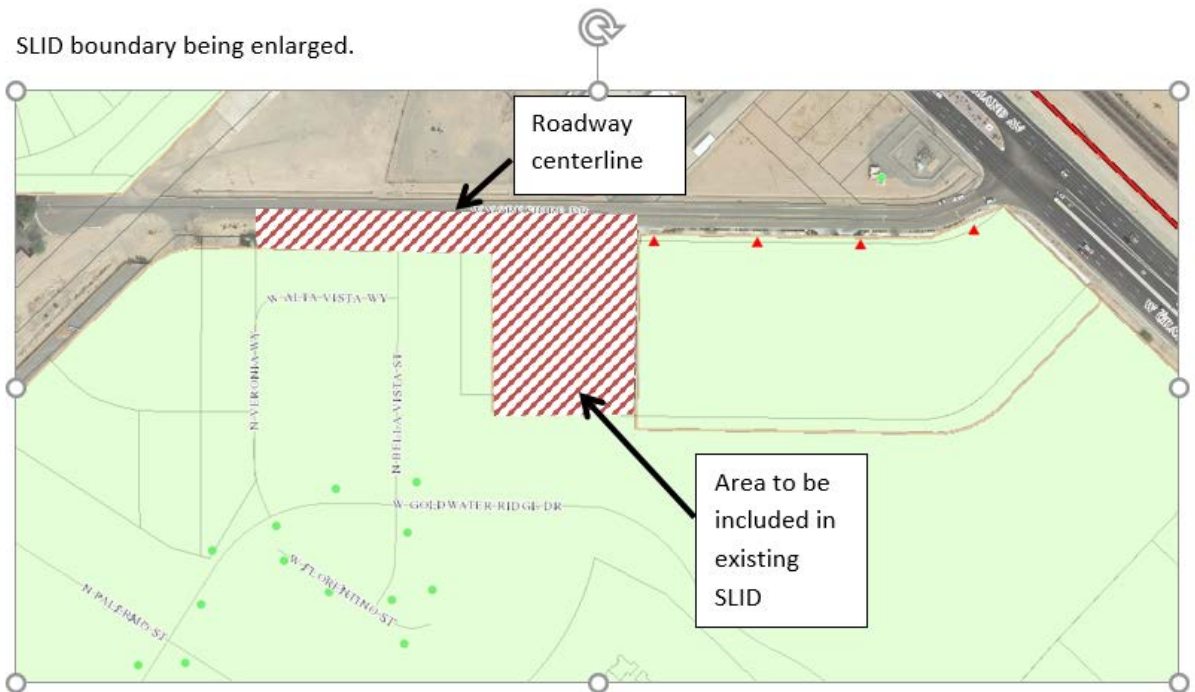
CODE		8030.S1	8030.S2	8030.S4	8030.S8	8030.D1	8030.D2	8030.D4	8030.D8	8030.T2	8030.O2	MATERIAL LIST	
ITEM	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	DESCRIPTION	APN
1	-	-	-	-	-	-	-	-	-	-	-	BRACKET ARCH SLIP BOLTED	00092251
2	1	1	1	1	1	1	1	1	1	1	1	CAP STLT SQ-P 5.5" ARM	00100036
3	10	10	10	10	10	10	10	10	10	10	10	CONDUIT 1" PVC FLEX CORR	32900891
4	1	1	1	1	2	2	2	2	3	4	4	CONTROL PHOTO MULTI BR-20	00073241
5	1	1	1	1	2	2	2	2	3	4	4	LUMINAIRE - SEE TABLE 1	
6	-	-	-	-	1	-	-	-	-	-	-	MAST ARM STLT 3" SQ X 1" DBL	00121154
7	1	-	-	-	-	-	-	-	-	-	-	MAST ARM STLT 3" SQ X 1" SGL	00088370
8	-	-	-	-	1	-	-	-	-	-	-	MAST ARM STLT 3" SQ X 2" DBL	33701117
9	-	-	-	-	-	-	-	-	1	-	-	MAST ARM STLT 3" SQ X 2" QUAD	00052665
10	-	1	-	-	-	-	-	-	-	-	-	MAST ARM STLT 3" SQ X 2" SGL	33701116
11	-	-	-	-	-	-	-	1	-	-	-	MAST ARM STLT 3" SQ X 2" TPL	00052664
12	-	-	-	-	-	-	1	-	-	-	-	MAST ARM STLT 3" SQ X 4" DBL	00073267
13	-	-	1	-	-	-	-	-	-	-	-	MAST ARM STLT 3" SQ X 4" SGL	00061738
14	-	-	-	1	-	-	-	-	-	-	-	MAST ARM STLT 3" SQ X 8" SGL	33701120
15	-	-	-	-	-	-	-	2	-	-	-	MAST ARM STLT 8" BOLT-ON	00092252
16	1	1	1	1	1	1	1	1	1	1	1	SIGN POLE OWNED BY APS	00050092

aps ARIZONA PUBLIC SERVICE COMPANY T&D CONSTRUCTION STANDARDS					LIGHTS ARCHITECTURAL ON 5" SQUARE BROWN PAINTED STEEL POLE DIRECT BURY					SH 2 OF 2 8030
BY	LDR.	MGR.	DATE	REV.	BY	LDR.	MGR.	DATE	REV.	
KLS	B. BOOKER	R. CANDRA	02/2016	12						

Existing SLID: Sun City Grand II (Resolution 98-07)



SLID boundary being enlarged.





CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

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Council Meeting Date:	November 6, 2018	Contact Person:	Mike Gent, PW Director
Submitting Department:		District:	Citywide
Staff	None		
Recommendations:			

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to approval of an amendment to the Fiscal Year 2019 budget by reallocating appropriations of \$640,400 from Solid Waste Contingency to Public Works Solid Waste Salaries, Supplies, Services and Capital; \$600 from Grant Contingency to Information Technology General Fund operations associated with increased operational costs; and amending the Capital and Operating List of items over \$50,000; Resolution # 2018-149.

Motion:

I move to approve Resolution #2018-149.

Background:

In June of 2018, the Public Works and Finance Departments began a comprehensive effort to review and update the forecasting and rate model for the Solid Waste enterprise fund. Critical and essential program costs, operational needs, and staffing requirements were reevaluated thoroughly. Changes and updates will be subsequently incorporated into the rate model for the next five years (FY 2019 to 2024). Based on the continuing analysis at this time and in order to keep the programs whole without affecting services, the following items were identified as critical and essential budgetary needs in FY 2019 for the Solid Waste operational division: 1) base operational cost increases for landfill disposal and recyclable processing costs, residential waste containers, fuel, auto parts, vehicle maintenance, roll-off services and utility billing services; 2) addition of a new Solid Waste Equipment Operator (SWEO) position (1 FTE) due to newly-implemented trash and recycling collection routes, and; 3) addition of a new Crew Leader position (1 FTE) due to increased demands for field oversight of solid waste inspections and container delivery programs.

This budget amendment request is necessary to respond to residential growth; to maintain current service levels; to meet mandates set by state, county, and local regulations; and also to further improve solid waste service delivery.

Objective Analysis:

This item allows the Solid Waste division of Public Works and Utility Billing division of Finance to continue to operate at the same level of service as it has in the past. By not approving this item service levels will drop.

Policy Compliant:

This item is policy compliant.

Financial Impact:

The approval of this item will allow the City to process invoices and utility payments associated with Solid Waste operations for the remainder of FY2019.

Budget Impact:

The FY2019 approved annual budget for all Solid Waste collections of \$4,012,900 based on revised estimates of anticipated actual expenditures the collection budget will need an additional \$451,000 in base supplies and services and will need to hire two staff to meet ongoing operations. If approved, this item will amend the appropriated budget for FY2019 and the FY2019 Operating List of Items Over \$50,000 by adding the necessary amounts for items # 19289 (Solid Waste Containers), # 19300 (Landfill fees), #19301 (Auto Parts), #19316 (Fuel) #19319 (Vehicle Maintenance), 19314 (Uniform and Laundry Service).

FTE Impact:

There are two FTE's associated with this item.

ATTACHMENTS:

Click to download

[Resolution 2018-159](#)

RESOLUTION # 2018-149

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF SURPRISE, ARIZONA, AMENDING THE FISCAL YEAR 2019 BUDGET BY REALLOCATING APPROPRIATIONS OF \$640,400 FROM SOLID WASTE CONTINGENCY TO PUBLIC WORKS SOLID WASTE SALARIES, SUPPLIES, SERVICES AND CAPITAL, AND \$600 FROM GRANTS CONTINGENCY TO INFORMATION TECHNOLOGY GENERAL FUND OPERATIONS FOR ONE EQUIPMENT OPERATOR, ONE CREW LEADER FOR INSPECTIONS, AND ASSOCIATED BASE INCREASES FOR SUPPLIES, SERVICES AND CAPITAL RELATED TO GROWTH, INFLATION AND CHANGES IN THE RECYCLING MARKET, AND AMENDING THE CAPITAL AND OPERATING LIST OF ITEMS OVER \$50,000 ASSOCIATED WITH RELATED SUPPLIES, SERVICES AND CAPITAL.

WHEREAS, the Solid Waste division of the Public Works department needs to add an equipment operator for route modifications;

WHEREAS, the Solid Waste division of Public Works department needs to add a crew leader for inspections related to Maricopa County inspection requirements and continued growth in the solid waste service area;

WHEREAS, the Public Works department needs ongoing base increases to cover operational costs for new and replacement trash cans, fuel, landfill auto parts and vehicle maintenance due to growth and inflation factors;

WHEREAS, the FY2019 budget, including the FY2019 Capital and Operating List of Items Over \$50,000, was adopted by Council Resolution #2018-78 on June 5, 2018;

WHEREAS, the City of Surprise Procurement Code §2-388 (d) requires the authority of Mayor and Council when the cost to the city is greater than \$50,000;

WHEREAS, this action will necessitate a budget amendment; and

WHEREAS, the City of Surprise Administrative Policies requires the approval of the Mayor and Council for budget amendments of this nature.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Council of the City of Surprise, Arizona, as follows.

Section 1. That the statements and schedules attached as *Exhibit A* and incorporated by reference are adopted, amending the budget of the City of Surprise, Arizona for the fiscal year July 1, 2018 through June 30, 2019.

SIGNATURES ON THE FOLLOWING PAGE

APPROVED AND ADOPTED this ____ day of _____, 2018.

Sharon R. Wolcott, Mayor

Attest:

Approved as to form:

Sherry Aguilar, City Clerk

Robert Wingo, City Attorney

RESOLUTION # 2018-149**Exhibit A**

1. Appropriation - The allocation below represents a reallocation of appropriations in the amount of \$641,000 for one equipment operator, one crew leader for inspections, trash containers, auto parts, vehicle maintenance, landfill services and utility service fees. Additional personnel and operational costs to cover the FY19 anticipated cost of service related to solid waste collections, inspections, recycling and utility service fees based on growth and inflation. These allocations do not represent an actual transfer of funds, but only a transfer of spending authority.

Fund	Department	Project/Category	Rev/ Exp	Current Budget	Increase/ (Decrease)	Amended Budget
Solid Waste Operations	Public Works	Personnel Services	E	2,799,500	114,000	2,913,500
Solid Waste Operations	Public Works	Supplies	E	1,116,800	325,600	1,442,400
Solid Waste Operations	Public Works	Services	E	1,549,300	154,200	1,703,500
General Fund	Information Technology	Services	E	2,354,300	600	2,354,900
Solid Waste Operations	Finance	Services	E	145,200	2,100	147,300
Solid Waste Capital	Public Works	Capital	E	3,314,300	44,500	3,358,800
Solid Waste Operations	General Operations	Contingency	E	1,559,200	(640,400)	918,800
Grants	General Operations	Contingency	E	21,295,100	(600)	21,294,500

2. Full-Time Equivalent (FTE) - The expansion of the collection and inspection program requires the addition of 2 new FTEs.

Fund	Department	Current FTEs	Increase/ (Decrease)	Amended FTEs
7810	Public Works Sanitation	34.0	2.0	36.0

3. List of Operating Items Over \$50,000 - Council approved monies for Solid Waste containers, and Citywide Fuel, Auto Parts and Landfill Fees for the purpose of Citywide Operations Fiscal Year 2018 Capital and Operating List of Items Over \$50,000. This amount was based the approved budget. With this budget amendment and additional line item adjustments within the operating budget those amounts will change accordingly.

Reference#	Description	Current Amount	Increase/ (Decrease)	Amended Amount
19316	Fuel contracts to fuel City fleet for unleaded and diesel fuel	\$1,612,400	\$140,200	\$1,752,600
19319	Outside vehicle repair and other services	\$634,700	\$25,000	\$659,700
19289	Solid Waste containers such as, but not limited to, trash/recycle cans and baskets, roll-off containers	\$421,600	\$125,000	\$546,600
19300	Sanitation services, hauling, and landfill disposal fees	\$1,763,900	\$122,400	\$1,886,300
19301	Auto parts and lubricants	\$865,600	\$41,300	\$906,900
19314	Uniform - Laundry Services	\$73,200	\$1,000	\$74,200
19206	Online Utility Payment Contract	\$300,000	\$32,000	\$332,000
19403	Vehicles and Equipment	\$ -	\$100,000	\$100,000



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

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Council Meeting Date:	November 6, 2018	Contact Person:	Terry Lowe, Water Resource Management Director
Submitting Department:		District:	Internal
Staff Recommendations:	None		

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to an amendment of the Fiscal Year 2019 budget by reallocating appropriations of \$686,600 from Water Resource Management (WRM) department, Finance utility billing division and Information Technology by adding one water conservation specialist, one Supervisory Control and Data Acquisition (SCADA) instrumentation technician, and increasing capital project P-71240 for FY2019 by \$430,000; Resolution #2018-150.

Motion:

I move to approve Resolution #2018-150.

Background:

The Water Resource Management department needs to add \$430,000 to project P-71420 water acquisition for FY2019 in order to continue to pursue water credits as a result of the Council's Water Acquisition Policy and is intended to afford Mayor and City Council the ability to acquire water equities when recommended by staff. For better management and oversight of the City's water portfolio and improvement to the operational needs of the City's SCADA system, the Water resource management department is requesting to add a water conservation specialist and a SCADA instrumentation technician. The Finance department, utility service division is needing to increase utility service fees and online payment services budget to allow for processing of utility payments. This water conservation specialist position will provide a dedicated focus to the Water Conservation Program which is part of a diverse Water Resource Portfolio. Efficient use of water by City customers is paramount during times of drought. This position will manage and grow conservation efforts though the implementation of innovative water savings programs and initiatives that will preserving the City's current and future water supplies. The SCADA instrumentation technician will help support the City's SCADA networks are developing and growing with over 1,000 devices that must be routinely calibrated, cleaned and serviced annually. The City's network is growing to include areas associated with SPA2 and SPA3 that will require additional maintenance. This position will allow the department to meet the needs of the developing systems.

Objective Analysis:

By adding monies to capital project for water acquisition and the water conservation specialist the department continues to improve the City's overall management of water resources. By adding a water conservation specialist and SCADA instrumentation technician the City will be sustaining the level of service necessary for a growing network. By increasing the finance utility billing services budget, the city will be able to continue to process utility payments.

Policy Compliant:

This item is policy compliant.

Financial Impact:

The approval of this item will allow the City to process invoices associated with the WRM department operations and process payments within the finance department for remainder of FY2019.

Budget Impact:

The FY2019 approved annual budget for WRM in the amount of \$26,841,600 based on anticipated needs. With this budget amendment for the two positions, and an increase in the water acquisition project P-71240 of \$430,000 an additional \$615,900 in base salaries, supplies, services and capital will be needed. If approved, this item will amend the appropriated budget for FY2019 and the FY2019 Operating List of Items Over \$50,000 by adding the necessary amounts for items # 19077 (Water Acquisitions), # 19299 (Vehicles and Equipment), #19301 (Auto Parts), #19316 (Fuel) #19319 (Vehicle Maintenance), 19314 (Uniform and Laundry Service). With this budget amendment the FY2019 budget for finance utility billing services will increase by \$8,700.

FTE Impact:

There are two new FTE's associated with this item for the Water Resource Management department.

ATTACHMENTS:

Click to download

[Resolution 2018-150](#)

RESOLUTION # 2018-150

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF SURPRISE, ARIZONA, AMENDING THE FISCAL YEAR 2019 BUDGET BY REALLOCATING APPROPRIATIONS OF \$615,300 FROM WATER CONTINGENCY, \$66,600 FROM SEWER CONTINGENCY, AND \$3,700 FROM STORMWATER CONTINGENCY TO WATER RESOURCE MANAGEMENT DEPARTMENT WATER, SEWER AND STORMWATER OPERATIONS, AND \$1,200 FROM GRANT CONTINGENCY TO INFORMATION TECHNOLOGY GENERAL FUND OPERATIONS, FOR ONE WATER CONSERVATION SPECIALIST, ONE SCADA INSTRUMENTATION TECH, UTILITY SERVICE FEES AND ONLINE PAYMENT SERVICES AND INCREASING CIP PROJECT P-71240 \$430,000, FOR ONGOING MANAGEMENT OF WATER RESOURCE ACQUISITIONS, OPERATIONAL IMPROVEMENTS, AND AMENDING THE CAPITAL AND OPERATING LIST OF ITEMS OVER \$50,000 ASSOCIATED WITH THE RELATED SUPPLIES SERVICES AND CAPITAL.

WHEREAS, the Water Resource Management department is looking to add a water conservation specialist related to better management and oversight of the City's water portfolio;

WHEREAS, the Water Resource Management department is looking to add a SCADA instrumentation technician improve the operational needs of the City's SCADA system;

WHEREAS, the Water Resource Management department is needing to increase capital project P-71240 for water acquisitions related to increasing the City's water portfolio;

WHEREAS, the Finance department, utility service division is needing to increase utility service fees and online payment services budget to allow for processing of utility payments;

WHEREAS, the FY2019 budget, including the FY2019 Capital and Operating List of Items Over \$50,000, was adopted by Council Resolution #2018-78 on June 5, 2018;

WHEREAS, the City of Surprise Procurement Code §2-388 (d) requires the authority of Mayor and Council when the cost to the city is greater than \$50,000;

WHEREAS, this action will necessitate a budget amendment; and

WHEREAS, the City of Surprise Administrative Policies requires the approval of the Mayor and Council for budget amendments of this nature.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Council of the City of Surprise, Arizona, as follows.

Section 1. That the statements and schedules attached as *Exhibit A* and incorporated by reference are adopted, amending the budget of the City of Surprise, Arizona for the fiscal year July 1, 2018 through June 30, 2019.

APPROVED AND ADOPTED this ____ day of _____, 2018.

Sharon R. Wolcott, Mayor

Attest:

Approved as to form:

Sherry Aguilar, City Clerk

Robert Wingo, City Attorney

RESOLUTION # 2018-150**Exhibit A**

1. Appropriation - The allocation below represents a reallocation in the amount of \$686,800 to add one water conservation specialist, one SCADA instrumentation technician, utility service fees, online payment services and increase capital project P-71240 water acquisitions. The water conservation specialist position will provide dedicated focus on the Conservation Program that is needed to help manage the City's Water Resource Portfolio through the implementation of innovative water savings programs. The SCADA instrumentation technician will add support to the growing SCADA network for both water and sewer operations. The increase to utility service fees and online payment services will allow for the processing of utility payments. The increase in the capital project P-71240 will allow the department to continue to grow the City's water portfolio. These allocations do not represent an actual transfer of funds, but only a transfer of spending authority.

Fund	Department	Project/Category	Rev/ Exp	Current Budget	Increase/ (Decrease)	Amended Budget
Water Operations	Water Resource Management	Personnel Services	E	1,811,500	100,600	1,912,100
Water Operations	Water Resource Management	Supplies	E	462,200	14,900	477,100
General Fund	Information Technology	Services	E	2,354,300	1,200	2,355,500
Water Operations	Water Resource Management	Services	E	4,370,700	9,600	4,380,300
Water Operations	Water Resource Management	Capital	E	76,000	60,200	136,200
Water Operations	General Operations	Contingency	E	1,076,900	(615,300)	461,600
Water Utility Capital	Water Resource Management	#P71240 Water Acquisitions	E	798,600	430,000	1,228,600
Sewer Operations	Water Resource Management	Personnel Services	E	3,552,200	29,700	3,581,900
Sewer Operations	Water Resource Management	Supplies	E	1,382,700	7,600	1,390,300
Sewer Operations	Water Resource Management	Services	E	3,520,600	3,500	3,524,100
Sewer Operations	Water Resource Management	Capital	E	40,000	20,800	60,800
Sewer Operations	General Operations	Contingency	E	9,894,900	(66,600)	9,828,300
Sewer Operations	Finance	Services	E	328,100	5,000	333,100
Stormwater Operations	Finance	Services	E	46,000	3,700	49,700
Stormwater Operations	General Operations	Contingency	E	2,413,600	(3,700)	2,409,900
Grants	General Operations	Contingency	E	21,295,100	(1,200)	21,294,500

2. Full-Time Equivalent (FTE) - The expansion of the water conservation program, and sewer and water SCADA system requires the addition of 2 new FTEs.

Fund	Department	Current FTEs	Increase/ (Decrease)	Amended FTEs
7010	Water Resource Management - Water	19.3	1.5	20.8
7510	Water Resource Management - Sewer	36.7	0.5	37.2

3. List of Operating Items Over \$50,000 - Council approved monies for the purpose of Citywide Operations Fiscal Year 2018 Capital and Operating List of Items Over \$50,000. This amount was based the approved budget. With this budget amendment and additional line item adjustments within the operating budget those amounts will change accordingly.

Reference#	Description	Current Amount	Increase/ (Decrease)	Amended Amount
19077	Water Acquisitions, Infrastructure purchases - Water rights P71240	\$798,600	\$430,000	\$1,228,600
19319	Outside vehicle repair and other services	\$659,700	\$25,000	\$684,700
19301	Auto parts and lubricants	\$906,900	\$40,000	\$946,900
19299	Vehicles	\$119,000	\$90,500	\$209,500
19316	Fuel contracts to fuel City fleet for unleaded and diesel fuel	\$1,752,600	\$2,400	\$1,755,000
19314	Uniform - Laundry Services	\$74,200	\$1,000	\$75,200



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

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Council Meeting Date:	November 6, 2018	Contact Person:	Fire Chief, Tom Abbott
Submitting Department:		District:	Citywide
Staff Recommendations:	None		

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to approval of the Intergovernmental Agreement (IGA) between Maricopa County and the City of Surprise for Regional Emergency Operations Management and Disaster Services; Resolution #2018-170.

Motion:

I move to approve Resolution #2018-170.

Background:

The City of Surprise first entered into an Intergovernmental Agreement (IGA) with Maricopa County for Regional Emergency Operations Management and Disaster Services on July 1, 2003. Twenty-five cities in the valley participate in this IGA and it is beneficial to all. There is a fee associated with this IGA and it is determined by population. The fee covers a myriad of services to be provided by the County including assistance in the development and maintenance of the City's Emergency Operations Plan (EOP), Multi-Hazard Mitigation Plan and Community Wildfire Protection Plan, disaster and emergency management training, maintenance of the County's warning and communication systems, comprehensive emergency management and planning, an Emergency Operations Center, assistance with local declarations and obtaining Federal and/or State funds available to the City for emergency management and disaster purposes, and assistance with public awareness and education. Responsibilities of the City are to develop, publish and distribute an EOP, develop and conduct emergency management training programs and exercises, act as a backup to the County if it needs an alternate location, and collect and provide disaster and emergency management information. If approved and executed, the IGA will expire on June 30, 2023. Under the previous IGA, the Fire-Medical Department updated the City's EOP and it was adopted by Council with Resolution #2018-59 on May 1, 2018.

Objective Analysis:

The Fire-Medical Department is presenting this IGA to Council for review and execution by the Mayor and City Attorney. This IGA will provide the City's Emergency Management team with extraordinary resources to mitigate and manage emergency situations.

Policy Compliant:

This IGA has been reviewed by City legal counsel and was found suitable for execution.

Financial Impact:

The annual financial impact to maintain this IGA through June 30, 2023 is \$6,900.

Budget Impact:

The assessment due to Maricopa County was planned for and included in the FY19 budget.

FTE Impact:

There is no FTE impact.

ATTACHMENTS:

Click to download

[Resolution](#)

[IGA](#)

RESOLUTION # 2018-170

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF SURPRISE, ARIZONA APPROVING AN INTERGOVERNMENTAL AGREEMENT WITH THE COUNTY OF MARICOPA, STATE OF ARIZONA FOR REGIONAL EMERGENCY OPERATIONS MANAGEMENT AND DISASTER SERVICES.

WHEREAS, the Parties recognize the possibility of the occurrence of disasters resulting from natural, technological, national security or other causes; and,

WHEREAS, the parties desire to enter into an intergovernmental agreement in order to facilitate the coordinated preparation and execution of emergency management programs and plans for the preservation of life and property when such disasters occur; and

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Council of the City of Surprise, Arizona, as follows.

Section 1. The Intergovernmental Agreement between the City of Surprise and the County of Maricopa, State of Arizona, attached as Exhibit A, is approved.

Section 2. The City Manager, or his designee, is hereby authorized to execute and submit all documents and other necessary or desirable instruments in connection with said agreement.

APPROVED AND ADOPTED this ____ day of _____, 2018.

Sharon R. Wolcott, Mayor

Attest:

Approved as to form:

Sherry Aguilar, City Clerk

Robert Wingo, City Attorney

EXHIBIT A

INTERGOVERNMENTAL AGREEMENT BETWEEN
THE CITY OF SURPRISE AND
COUNTY OF MARICOPA, STATE OF ARIZONA

INTERGOVERNMENTAL AGREEMENT FOR
REGIONAL EMERGENCY OPERATIONS MANAGEMENT AND DISASTER SERVICES
BETWEEN MARICOPA COUNTY, ARIZONA
AND THE
CITY OF SURPRISE

This Regional Disaster and Emergency Management Services Agreement (“Agreement”) goes into effect on the 1st day of July 2018 (the “Effective Date”), by and between Maricopa County, a political subdivision of the State of Arizona (“County”), and the City of Surprise, an Arizona municipal corporation (“Public Agency”).

STATUTORY AUTHORIZATION

County and Public Agency are empowered by ARIZ.REV. STAT. § 11-951 et seq. and ARIZ.REV. STAT. §§ 26-308 (A) and (B) to enter into this Agreement.

BACKGROUND

WHEREAS, there is an existing possibility of the occurrence of disasters of unprecedented size and destructiveness resulting from natural, technological, national security or other causes; and,

WHEREAS, the Parties mutually desire that preparation shall be adequate to provide for the common defense against disaster; and,

WHEREAS, the Parties mutually desire to assure the coordinated preparation and execution of emergency management programs and plans for the preservation of life and property when disasters occur in accordance with the guidance set forth in the Robert T. Stafford Disaster Relief and Emergency Assistance Act, Public Law 93-288, as amended, 42 U.S.C. 5121-5207; Post Katrina Emergency Management Reform Act of 2006, Public Law 109-295; applicable Federal Emergency Management Guides and Directives; and applicable State of Arizona Emergency Plans:

NOW, THEREFORE, in consideration of the mutual covenants contained herein, it is hereby agreed by and between County and Public Agency as follows:

DEFINITIONS

1. For purposes of this Agreement, the term “public agency” shall have the same definition as that contained in ARIZ.REV. STAT. §11-951.
2. “Participating Public Agencies” means those public agencies, which have active agreements for Disaster and Emergency Management Services with County.
3. “Total Budget” means the Maricopa County Department of Emergency Management’s General Fund and Grant Fund expenditure budgets as adopted by the Maricopa County Board of Supervisors, plus baseline internal/central service charges, for the Preceding Fiscal Year. Budgeted fund balance expenditures, annual maintenance cost for the comprehensive emergency management tool and capital items are not included in the “Total Budgeted” calculation.

4. "Local Budget" means the Total Budget less any contributions or reimbursements to that budget from the federal government.
5. "Preceding Fiscal Year" means the year immediately preceding the fiscal year for which a participating public agency's annual assessment is being determined. Annual Assessments are based on the proceeding year's Local Budget. For example, a public agency's annual assessment for FY2019 is based on the Maricopa County Department of Emergency Management's Local Budget for FY2018.
6. "Capital Items" means fixed assets such as furniture, computers, etc., which shall remain the property of the County. Capital items will physically remain with County, which shall bear the risk of damage thereto or loss thereof.
7. "Population" means the most recent U.S. census figure for each Participating Public Agency. This figure is normally calculated every 10 years, but if a supplementary census is conducted out of the 10-year cycle, the supplementary census numbers will be used, provided that all participating public agencies are included in the supplementary census.

TERMS OF AGREEMENT

1. County Obligations

County shall:

- a. Prepare and maintain a county Emergency Operations Plan or Plans ("EOP") with due consideration of hazards that affect all areas in the County.
- b. Advise and assist Public Agency in the development, review, update, publication, and distribution of an EOP developed by Public Agency.
- c. Advise and assist Public Agency in the development, review, update, publication, and distribution of Continuity of Operations Plans
- d. Advise and assist Public Agency in the development, review, update, publication, and distribution of a Multi-Hazard Mitigation Plan.
- e. Advise and assist Public Agency in the development, review, update, publication, and distribution of a Community Wildfire Protection Plan.
- f. Advise and assist Public Agency with the disaster and emergency management training of such employees as Public Agency shall designate.
- g. Provide and maintain a coordinated countywide emergency management program for extraordinary operational systems not provided for in normal governmental operations, including: Warning Systems, Communications System, comprehensive emergency management and planning, and an Emergency Operations Center.
- h. Provide and maintain, and issue access to a comprehensive emergency management software tool to expedite the emergency operations center processes.

- i. Develop and maintain a countywide comprehensive electronic interactive resource database of government owned and other resources available for use in the event of a disaster.
- j. Provide assistance with local emergency declarations and obtaining Federal and / or State funds available to Public Agency for emergency management and disaster purposes.
- k. Advise and assist Public Agency in the timely preparation of reports and other documentation required by the state and / or federal governments for emergency management purposes.
- l. Offer coordination assistance to Public Agency for major events or disasters affecting Public Agency.
- m. In its sole discretion, have the option to act as a backup EOC for partner cities
- n. Assist Public Agency in the design, development, delivery, and after action reporting of exercises scheduled by Public Agency to test its disaster response capability.

Advise and assist Public Agency with emergency shelter assessments and Americans with Disabilities Act compliance.
- o. Advise and assist Public Agency in complying with the provisions of Title 26, Chapter 2, Arizona Revised Statutes, and State policies and procedures.
- p. Advise and assist Public Agency with public awareness and education including but not limited to:
 - (1) providing disaster response pamphlets/handouts to Public Agency emergency management personnel for later distribution to the public.
 - (2) delivering disaster response pamphlets/handouts to libraries, community centers, and senior centers located in Public Agency.
 - (3) coordinating with Public Agency to assist with public outreach activities on disaster and emergency-related subjects to schools, civic groups and similar organizations.
 - (4) coordinating with Public Agency to assist with public outreach activities such as staffing information booths at fairs, safety days and similar events.
- q. Notify Public Agency of its annual assessment for each upcoming fiscal year no later than March 1 of the Preceding Fiscal Year.
- r. Assist Public Agency with other disaster and emergency management programs as may be agreed upon.

2. **Public Agency Obligations**

Public Agency shall:

- a. Develop, publish and distribute an EOP which is complementary to and compatible with County's EOP.

- b. Develop and conduct such emergency management training programs and exercises as it deems necessary.
 - c. Have the option to act as a backup to the County if it needs an alternate location.
 - d. Collect and provide disaster and emergency management information, such as annual NIMS reporting, when so required by the state or federal government.
 - e. During each fiscal year (July 1 to June 30) of the term of this Agreement, pay to County an annual assessment to be determined as follows:
 - (1) County will pay 50% of the Local Budget plus that portion of the Local budget allocated to Capital Items.
 - (2) The remainder of the Local Budget will be paid by the participating public agencies.
 - (3) Public Agency's annual assessment shall be determined by dividing Public Agency's Population by the Total Population of the participating public agencies and then multiplying the quotient by that portion of the Local Budget allocated to the participating public agencies in the preceding paragraph.
 - (4) Public Agencies will pay a fixed amount based on the actual annual maintenance cost of comprehensive emergency management tool. The total annual maintenance will be divided by all Participating Public Agencies equally.
3. This Agreement supersedes any and all agreements, either written or oral, between the Parties hereto with respect to the subject matter contained herein and contains all the covenants and agreements between the Parties with respect to the rendering of disaster and emergency management services. Except as otherwise provided herein, any effective modification must be in writing signed by both Parties.
 4. The Parties acknowledge that this Agreement is subject to cancellation pursuant to ARIZ.REV. STAT. §38-511.
 5. In the event of any controversy, which may arise out of this Agreement, the parties agree that the matter shall be arbitrated as provided in ARIZ.REV. STAT. §12-1518(A). The method of arbitration and the selection of arbitrators shall be decided by the mutual agreement of the parties at such time as arbitration services are needed. This Agreement shall be governed by and construed in accordance with the laws of the State of Arizona.
 6. The term of this Agreement shall commence on the Effective Date and continue until June 30, 2023, unless sooner terminated as provided herein. The Agreement may be terminated by either party giving written notice of such intention to the other party not less than ninety (90) days prior to June 30 of the year during which the notice is given, which shall be the effective date of the termination.
 7. To the extent provisions of ARIZ.REV. STAT. §41-4401 are applicable, all Parties warrant to each Party that they will comply with all Federal Immigration laws and regulations that relate to their employees and that each now complies with the E-Verify Program under ARIZ.REV. STAT. §23-214(A).

- a. A breach of this warranty will be considered a material breach of this Agreement and may subject the breaching party to penalties up to and including termination of this Agreement.
 - b. All of the Parties retain the legal right to inspect the papers of any employee who works pursuant to this Agreement or any related subcontract to ensure compliance with the warranty given above.
 - c. Any Party may conduct a random verification of the employment records of any other Party to ensure compliance with this warranty.
 - d. A Party will not be considered in material breach of this Agreement if it establishes that it has complied with the employment verification provisions prescribed by 8 USCA §1324(a) and (b) of the Federal Immigration and Nationality Act and the E-Verify requirements prescribed by ARIZ.REV. STAT. §23-214(A).
 - e. The provisions of this Article must be included in any contract either Party enters into with any and all of its contractors or subcontractors who provide services under this Agreement.
8. To the extent permitted by law, each Party does hereby covenant and agree to indemnify, defend, and hold harmless the other Party, their elected officials, appointees, officers, employees, contractees, and agents from and against any and all suits, actions, legal or administrative proceedings, claims, demands or damages of any kind or nature relating to this Agreement which, are the result of any act or omission of the Party, its officers, employees, contractors, agents, and anyone acting under its direction or control, whether intentional or negligent, in connection with or incident to this Agreement. Failure of a Party to comply with the terms of this Agreement shall not provide the basis of any third party action against any of the Parties.
 9. Pursuant to ARIZ.REV. STAT. §23-1022(D), for the purposes of worker's compensation coverage, all employees of each Party covered by this Agreement shall be deemed to be an employee of all Parties. The primary employer shall be solely liable for payment of worker's compensation benefits.
 10. Any notices required or permitted to be given hereunder by either party to the other may be given by personal delivery in writing or by registered or certified mail, postage prepaid, with return receipt requested. Notices shall be addressed to the parties at the addresses appearing below, but each party may change such party's address by written notice given in accordance with this paragraph. Notices delivered personally will be deemed communicated as of actual receipt; mailed notices will be deemed communicated as of three (3) days mailing. Notices shall be addressed as follows:

To County to the attention of:

Director
Maricopa County Department of
Emergency Management
5630 East McDowell Rd
Phoenix, AZ 85008

To Public Agency to the attention of:

Tom Abbott, Fire Chief
City of Surprise
14250 W Statler Plaza, Suite 101
Surprise, AZ 85374

11. If any provision of this Agreement is held by a court of competent jurisdiction or applicable state or federal law and their implementing regulations to be invalid, void or unenforceable, the remaining provisions will nevertheless continue in full force and effect.
12. Israel. The County and the Public Agency certify that it is not currently engaged in, and agrees for the duration of this Agreement that it will not engage in a "boycott," as that term is defined in Ariz. Rev. Stat. § 35-393, of Israel.

Dated this ____ day of _____, 2018

Dated this ____ day of _____, 2018

Sharon Wolcott, Mayor

Steve Chucri
Chairman, Board of Supervisors

ATTEST:

Sherry Ann Aguilar, City Clerk

Fran McCarroll
Clerk of the Board

ATTORNEY DETERMINATION

The undersigned attorneys for the respective parties each hereby certify that they have reviewed this Agreement and find that it is in proper form, and within the power and authority granted to their respective clients under the laws of the State of Arizona.

Robert Wingo, City Attorney

Deputy County Attorney



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date:	November 6, 2018	Contact Person:	Fire Chief Tom Abbott
Submitting Department:		District:	Internal
Staff	None		
Recommendations:			

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to an amendment to the Fiscal Year 2018 budget by reallocating appropriations of \$46,200 within the Grants and Contingency Fund in order to accept two grants from the State of Arizona Department of Homeland Security (AZDOHS) to support the Fire-Medical Department's CBRNE (Chemical, Biological, Radiological, Nuclear and Explosives) Sustainment initiatives and CERT (Community Emergency Response Team) Program; Resolution # 2018-173.

Motion:

I move to approve Resolution # 2018-173.

Background:

The SFMD has been consistently successful with obtaining Urban Area Security Initiative (UASI) grant funding from AZDOHS to sustain the Department's CBRNE program and maintain HM305, an apparatus that was fully funded by AZDOHS in FFY09. In the 2018 funding year (FFY18), the AZDOHS has awarded \$38,168 to the SFMD. This is a cut in previous funding due to ongoing cuts in federal grant programs nationwide. The second grant will support the SFMD's CERT program. This is the second consecutive year that SFMD \$8,000 in CERT training funds. The CERT Program is operated by the SFMD's Community Services & Personnel Division Battalion Chief. The CERT teams offer clinics and training to the public for emergency preparedness in the event of a disaster.

Objective Analysis:

The CBRNE funding will be used to cover expenses for two Department members to attend Haztech School and all of the overtime associated with backfilling that member's position. Additionally, the grant will fund CBRNE meter maintenance and equipment enhancement purchases. The CERT funding will cover overtime for CERT related training throughout the one year performance period.

Policy Compliant:

These grants are consistent with all city and council policies and will adhere to the same as well as state guidelines.

Financial Impact:

Both the CBRNE Sustainment and the CERT grants are fully funded, zero match Grants thus creating no cost to the City of Surprise.

Budget Impact:

There will be a reallocation of appropriations in the amount of \$46,200 from Grants Contingency to two Grant projects within the Grants fund to cover anticipated expenses associated with the award of two Grants from the State of Arizona Department of Homeland Security. These allocations do not represent an actual transfer of funds, but only a transfer of spending authority.

FTE Impact:

No FTE impact

ATTACHMENTS:

Click to download

[RES 2018-173 for Awarding CERT CBRNE from ADHS](#)

[FY18 SHSGP Award Ltr_180215-01](#)

[FY18 UASI Award Ltr_180820-01](#)

RESOLUTION # 2018-173

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF SURPRISE, ARIZONA, AMENDING THE FISCAL YEAR 2018 BUDGET BY REALLOCATING APPROPRIATIONS OF \$46,200 WITHIN THE GRANTS AND CONTINGENCY FUND FOR THE PURPOSE OF ADJUSTING BUDGET AUTHORITY RELATED TO THE ACCEPTANCE OF TWO ARIZONA DEPARTMENT OF HOMELAND SECURITY GRANTS.

WHEREAS, the Arizona Department of Homeland Security has awarded the City of Surprise Fire-Medical Department a FFY18 CBRNE (Chemical, Biological, Radiological, Nuclear and Explosives) Sustainment grant in the amount of \$38,168 to maintain the Department's Hazardous Materials apparatus;

WHEREAS, the Arizona Department of Homeland Security has awarded the City of Surprise Fire-Medical Department a FFY18 CERT (Community Emergency Response Team) grant in the amount of \$8,000 in support of the FY19 Surprise Fire-Medical Department CERT Program;

WHEREAS, the City desires to accept the grant funding from the Arizona Department of Homeland Security in the above amounts totaling \$46,168;

WHEREAS, the FY2018 budget was adopted by Council Resolution #2018-78 on June 5, 2018;

WHEREAS, this action will necessitate a budget amendment; and

WHEREAS, the City of Surprise Administrative Policies requires the approval of the Mayor and Council for budget amendments of this nature.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Council of the City of Surprise, Arizona, as follows.

Section 1. That the statements and schedules attached as *Exhibit A* and incorporated by reference are adopted, amending the budget of the City of Surprise, Arizona for the fiscal year July 1, 2018 through June 30, 2019.

Section 2. The City is hereby authorized to accept the grant funding from the Arizona Department of Homeland Security to maintain the Department's Hazardous Materials apparatus and CERT Program in the combined amount of \$46,168. The City Manager, or his designees, is authorized to conduct all negotiations and to execute and submit all documents and other necessary or desirable instruments in connection with said agreements.

SIGNATURES ON THE FOLLOWING PAGE

APPROVED AND ADOPTED this ____ day of _____, 2018.

Sharon R. Wolcott, Mayor

Attest:

Approved as to form:

Sherry Aguilar, City Clerk

Robert Wingo, City Attorney

EXHIBIT A
RESOLUTION # 2018-173

1. Appropriation - This action will reallocate appropriations in the amount of \$46,200 from Grants Contingency to two Grant projects within the Grants fund. These allocations do not represent an actual transfer of funds, but only a transfer of spending authority to cover costs to train two SFMD members to the level of Hazmat technician and purchase other supplies to sustain the CBRNE vehicle and also train citizens in CERT preparedness and awareness measures throughout the performance period of the two grants. These allocations do not represent an actual transfer of funds, but only a transfer of spending authority. Additionally, these allocations do not increase or decrease the total budget.

Fund	Department	Project/Category	Rev/ Exp	Current Budget	Increase/ (Decrease)	Amended Budget
Grants	Fire - Medical	Personnel Services	E	417,800	32,000	449,800
Grants	Fire - Medical	Services	E	3,500	14,200	17,700
Grants	General Operations	Other	R	21,342,800	(46,200)	21,296,600
Grants	Fire - Medical	Intergovernmental	R	435,300	46,200	481,500
Grants	General Operations	Contingency	E	21,242,900	(46,200)	21,196,700
Expense Total				21,664,200	-	21,664,200
Revenue Total				21,778,100	-	21,778,100



Governor Douglas A. Ducey

State of Arizona Department of Homeland Security



Director Gilbert M. Orrantia

September 21, 2018

Fire Chief Tom Abbott
Surprise Fire-Medical Department
14250 W Statler Plaza Suite 101
Surprise, AZ 85374-7473

Subject: FFY 2018 Homeland Security Grant Program Award
Subrecipient Agreement Number: **180215-01**
Project Title: **Surprise Fire- Medical Department CERT Sustainment**

Dear Fire Chief Tom Abbott,

The application that your agency submitted to the Arizona Department of Homeland Security (AZDOHS) for consideration under the Homeland Security Grant Program has been awarded. The project titled "**Surprise Fire- Medical Department CERT Sustainment**" has been **fully funded** under the 2018 State Homeland Security Grant Program for **\$8,000**. The grant performance period is **October 1, 2018 to September 30, 2019**. This grant program is part of the U.S. Department of Homeland Security Grant Program and specifically is awarded under CFDA #97.067 (Catalog of Federal Domestic Assistance). The FFY 2018 federal award date as indicated in the U.S. DHS award package is 9/01/2018 with a total amount of funding of \$25,580,000. The Federal Award Identification Number is EMW-2018-SS-00004-S01.

To access your award documentation:

Log-in to <https://azdohs.gov/user>. A username and password was provided to you/your staff during the application phase. If you no longer have your username/password, please contact your Strategic Planner for assistance. Be advised all applications submitted on behalf of your organization, as well as associated award information, will be viewable and accessible by all authorized users associated with your organization.

To establish acceptance of the award, please follow these instructions:

The following action items must be downloaded, completed, signed and returned to AZDOHS:

1. Project Administration Page - Print and sign one original Project Administration Page.
2. Two Subrecipient Agreements - Print and sign two original Subrecipient Agreements, completing sections XXXVII and XXXVIII.
3. Environmental and Historic Preservation (EHP) required documentation, if applicable.

These items must be completed and on file at AZDOHS in order for your agency to be eligible for reimbursement. **If all documentation listed in numbers 1, 2, and 3 (if applicable), above is not signed and received by AZDOHS on or before January 31, 2019, this award is rescinded and the funds will be reallocated.**

This letter does **not** serve as authorization to obligate or begin spending funds toward this award. Obligations



Governor Douglas A. Ducey

State of Arizona Department of Homeland Security



Director Gilbert M. Orrantia

and expenditures cannot take place until October 1, 2018. If your project requires an Environmental and Historic Preservation (EHP) review, this must be completed, submitted and approved by FEMA/AZDOHS prior to any obligation/expenditure of funds. Additionally, all actions associated with this project must be completed, invoiced and received by the end of the period of performance. Reimbursements are limited to approved quantities and funding thresholds. You will not be reimbursed for quantities in excess of what you have been authorized to purchase. AZDOHS reserves the right to request additional documentation at any time.

If you should have any questions, please do not hesitate to contact your Strategic Planner.

Congratulations on your Homeland Security Grant Program award.

Sincerely,

A handwritten signature in black ink, reading "Gilbert M. Orrantia".

Gilbert M. Orrantia
Director



Governor Douglas A. Ducey

State of Arizona Department of Homeland Security



Director Gilbert M. Orrantia

September 21, 2018

Fire Chief Tom Abbott
Surprise Fire-Medical Department
14250 W. Statler Plaza Suite 101
Surprise, AZ 85383-7473

Subject: FFY 2018 Homeland Security Grant Program Award
Subrecipient Agreement Number: **180820-01**
Project Title: **City of Surprise Fire Medical CBRNE Sustainment**

Dear Fire Chief Tom Abbott,

The application that your agency submitted to the Arizona Department of Homeland Security (AZDOHS) for consideration under the Homeland Security Grant Program has been awarded. The project titled "**City of Surprise Fire Medical CBRNE Sustainment**" has been **partially funded** under the 2018 Urban Area Security Initiative Grant Program for **\$38,168**. The grant performance period is **October 1, 2018 to September 30, 2019**. Your application will be kept on file for additional funding consideration if reallocation funding becomes available. This grant program is part of the U.S. Department of Homeland Security Grant Program and specifically is awarded under CFDA #97.067 (Catalog of Federal Domestic Assistance). The FFY 2018 federal award date as indicated in the U.S. DHS award package is 9/01/2018 with a total amount of funding of \$25,580,000. The Federal Award Identification Number is EMW-2018-SS-00004-S01.

To access your award documentation:

Log-in to <https://azdohs.gov/user>. A username and password was provided to you/your staff during the application phase. If you no longer have your username/password, please contact your Strategic Planner for assistance. Be advised all applications submitted on behalf of your organization, as well as associated award information, will be viewable and accessible by all authorized users associated with your organization.

To establish acceptance of the award, please follow these instructions:

The following action items must be downloaded, completed, signed and returned to AZDOHS:

1. Project Administration Page - Print and sign one original Project Administration Page.
2. Two Subrecipient Agreements - Print and sign two original Subrecipient Agreements, completing sections XXXVII and XXXVIII.
3. Environmental and Historic Preservation (EHP) required documentation, if applicable.

These items must be completed and on file at AZDOHS in order for your agency to be eligible for reimbursement. **If all documentation listed in numbers 1, 2, and 3 (if applicable), above is not signed and received by AZDOHS on or before January 31, 2019, this award is rescinded and the funds will be reallocated.**



Governor Douglas A. Ducey

State of Arizona Department of Homeland Security



Director Gilbert M. Orrantia

This letter does **not** serve as authorization to obligate or begin spending funds toward this award. Obligations and expenditures cannot take place until October 1, 2018. If your project requires an Environmental and Historic Preservation (EHP) review, this must be completed, submitted and approved by FEMA/AZDOHS prior to any obligation/expenditure of funds. Additionally, all actions associated with this project must be completed, invoiced and received by the end of the period of performance. Reimbursements are limited to approved quantities and funding thresholds. You will not be reimbursed for quantities in excess of what you have been authorized to purchase. AZDOHS reserves the right to request additional documentation at any time.

If you should have any questions, please do not hesitate to contact your Strategic Planner.

Congratulations on your Homeland Security Grant Program award.

Sincerely,

A handwritten signature in black ink, reading "Gilbert M. Orrantia".

Gilbert M. Orrantia
Director



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date:	November 6, 2018	Contact Person:	Robert Kuhfuss - Community Development
Submitting Department:		District:	1
Staff Recommendations:	Approve		

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to approval of the Final Plat entitled, "Rancho Mercado Parcel A17" dated March 28, 2018, a property generally located in Rancho Mercado south and east of the Yearling Road and Rancho Mercado Parkway alignments.

Motion:

I move to approve the Final Plat entitled, "Rancho Mercado Parcel A17" dated March 28, 2018.

Background:

The subject request involves an 88-lot Final Plat for Parcel A17 of Rancho Mercado and is one of two (2) Final Plats presented this date, but under separate cover.

Objective Analysis:

The proposed Final Plat is one of several case activities related to the Rancho Mercado development. Approval of the subject Final Plat will allow the city to continue issuing the infrastructure permits necessary for the applicant to continue construction. The proposed Final Plat is consistent with the Rancho Mercado PAD and other regulatory documents, and the reviewing agencies have expressed no objections to the approval of the Final Plat.

Policy Compliant:

The requested Final Plat is consistent with the Rancho Mercado PAD, the Rancho Mercado Preliminary Plat and advances the goals and policies of the General Plan.

Financial Impact:

All activity related to ongoing development of the City of Surprise has an economic and fiscal impact on the city and the region.

Budget Impact:

There is no anticipated budget impact related to this item.

FTE Impact:

This item does not have an impact on current staff levels.

ATTACHMENTS:

Click to download

[00 - Rancho Mercado Parcel A17 Final Plat, Case FS17-546 - Staff Report](#)

[01 - Rancho Mercado Parcel A17 Final Plat, Case FS17-546 - Vicinity Map](#)

[02 - Rancho Mercado Parcel A17 Final Plat, Case FS17-546 - Case Map](#)

[03 - Rancho Mercado Parcel A17 Final Plat, Case FS17-546 - Final Plat](#)

[04 - Rancho Mercado Parcel A17 Final Plat, Case FS17-546 -Presentation](#)

FINAL PLAT

REPORT TO THE CITY COUNCIL

Case: FS17-546

Project Name: Rancho Mercado Parcel A17 Final Plat

Council District: 1

City Council Date: November 06, 2018

Planner: Robert H. Kuhfuss, AICP

Owner: William Lyon Homes

Applicant: Fil Luna of William Lyon Homes

Request: Final Plat for Parcel A17 within the Rancho Mercado PAD

Site Location: Generally located south of the Yearling Road alignment and east of the Rancho Mercado Parkway alignment in Ranch Mercado

Site Size: 26.72 acres (approx.)

Density: 3.29 DU/Ac.

General Plan Conformance: The proposal is consistent with the Surprise General Plan 2035

Support/Opposition: None known

Findings:

- The proposed Final Plat is consistent with the Rancho Mercado PAD.
- The proposed Final Plat is consistent with the Rancho Mercado Unit 1 Preliminary Plat as approved under FS15-069.
- The proposed Final Plat is consistent with the applicable City of Surprise regulations.
- The reviewing agencies have indicated no objections to the request.

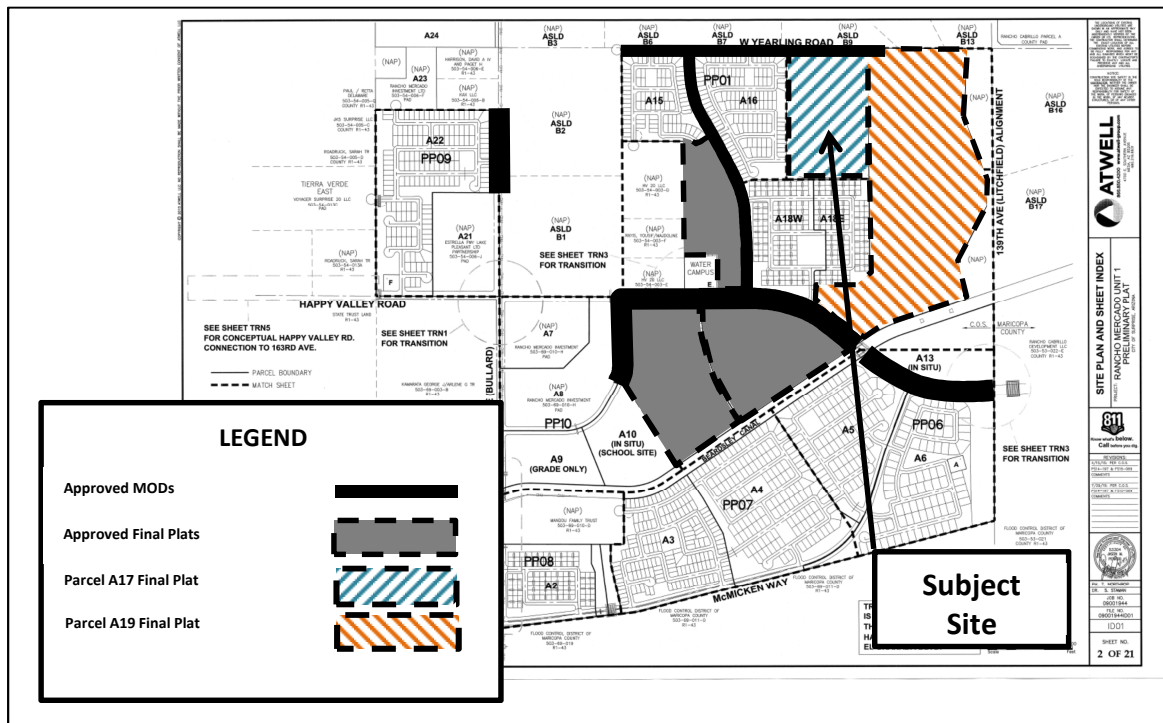
Alternative Actions: **Approval** of the requested Final Plat will allow the developer to continue building infrastructure in support of the larger Rancho Mercado PAD.

Denial of the requested Final Plat will deny the applicant the opportunity to develop the property as depicted on the proposed final plat.

Project Description:

The subject request involves an 88-lot Final Plat for Parcel A17 of Rancho Mercado and is one of two (2) Final Plats presented this date, but under separate cover.

The following map, taken from the Rancho Mercado Unit 1 Preliminary Plat, is annotated to depict the location of the subject Final Plat in relation to the other activity occurring within the PAD.



Background:

July 11, 2006: The Maricopa County Board of Supervisors approved a request for a Development Master Plan (DMP) and associated Zone Change for the Rancho Mercado project in what was then unincorporated Maricopa County.

May 25, 2007: The Surprise City Council entered into a Pre-Annexation Development Agreement with the applicant, which was recorded under 2007-0794202 MCR.

October 11, 2007: The Surprise City Council approved the Rancho Mercado PAD under case PAD06-276, subject to stipulations "a" through "u", Ordinance #07-46.

November 10, 2007: The subject property was annexed into the City of Surprise via Ordinance # 2007-47.

December 2, 2010: Staff met with the applicant to discuss a Preliminary Plat for Rancho Mercado under case CR10-256.

December 7, 2010: Staff approved a Minor PAD Amendment to under case FS10-210.

March 30, 2011: The applicant filed a request for a Preliminary Plat covering the subject property under case PS11-093, which expired due to inactivity.

January 5, 2016: The City Council approved the Preliminary Plat for Rancho Mercado Unit 1 under case FS15-069.

September 14, 2017: The applicant submitted a request for a Final Plat for Rancho Mercado Parcel A17 under case FS17-546, the subject case.

October 17, 2017: The City Council approved the Map of Dedication for Happy Valley Road Phase 3 under case FS17-097.

October 17, 2017: The City Council approved the Map of Dedication for Happy Valley Road Phase 2 under case FS17-098.

October 17, 2017: The City Council approved the Map of Dedication for Rancho Mercado Parkway under case FS16-384.

October 31, 2017: Staff administratively approved the Minor Site Plan regarding the Rancho Mercado Water Campus under case FS17-262.

December 5, 2017: The City Council approved the Final Plat for Rancho Mercado Parcel A14 under case FS16-385.

February 15, 2018: The applicant submitted a request for a Final Plat for Rancho Mercado Parcel A19 under case FS18-093.

February 20, 2018: The City Council approved a Final Plat for Ranch Mercado Parcel A11 under case FS17-257.

February 20, 2018: The City Council approved a Final Plat for Ranch Mercado Parcel A12 under case FS17-258.

February 20, 2018: The City Council approved a Map of Dedication for Happy Valley Road Phase 1 under case FS17-264.

February 20, 2018: The City Council approved a Map of Dedication for 147th Avenue under case FS17-499.

October 2, 2018: The City Council approved a Map of Dedication for Yearling Road under case FS18-086.

Reviewing Agencies:

The subject request was routed to the standard reviewing agencies, who have indicated no objections to the request.

Summary:

The proposed Final Plat is one of several case activities related to the Rancho Mercado development. Approval of the subject Final Plat will allow the city to continue issuing the infrastructure permits necessary for the applicant to continue construction. The proposed Final Plat is consistent with the Rancho Mercado PAD and other regulatory documents, and the reviewing agencies have expressed no objections to the approval of the Final Plat.

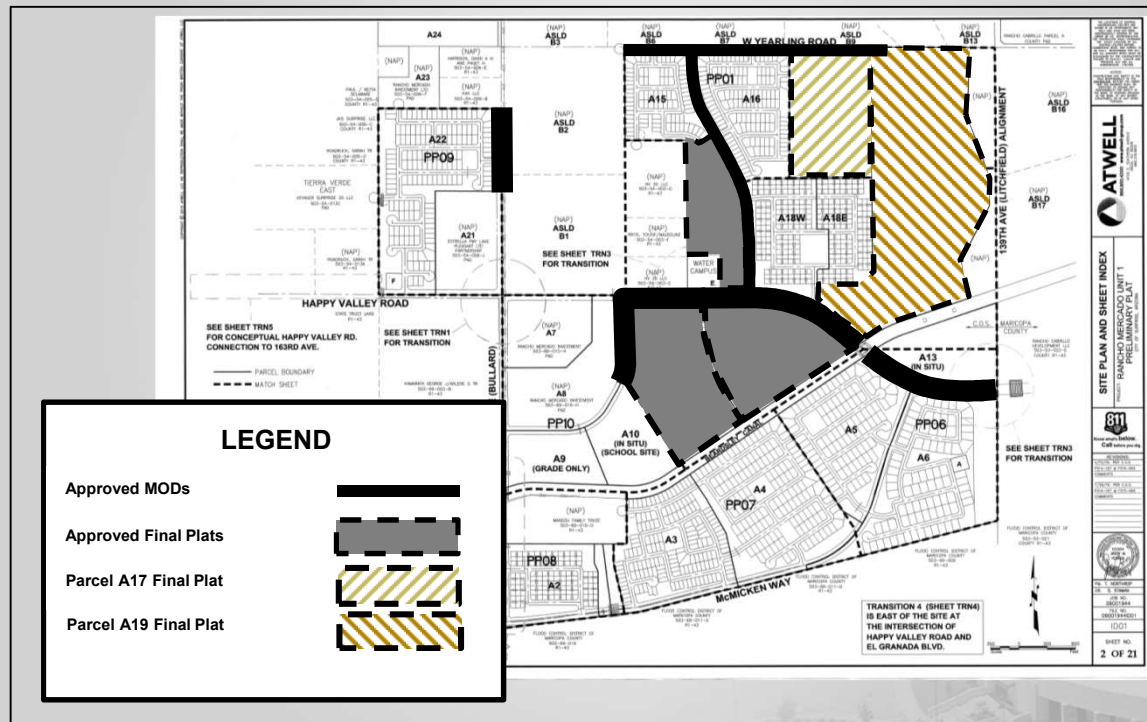
Findings:

- The proposed Final Plat is consistent with the Rancho Mercado PAD.
- The proposed Final Plat is consistent with the Rancho Mercado Unit 1 Preliminary Plat as approved under FS15-069.
- The proposed Final Plat is consistent with the applicable City of Surprise regulations.
- The reviewing agencies have indicated no objections to the request.

Attachments:

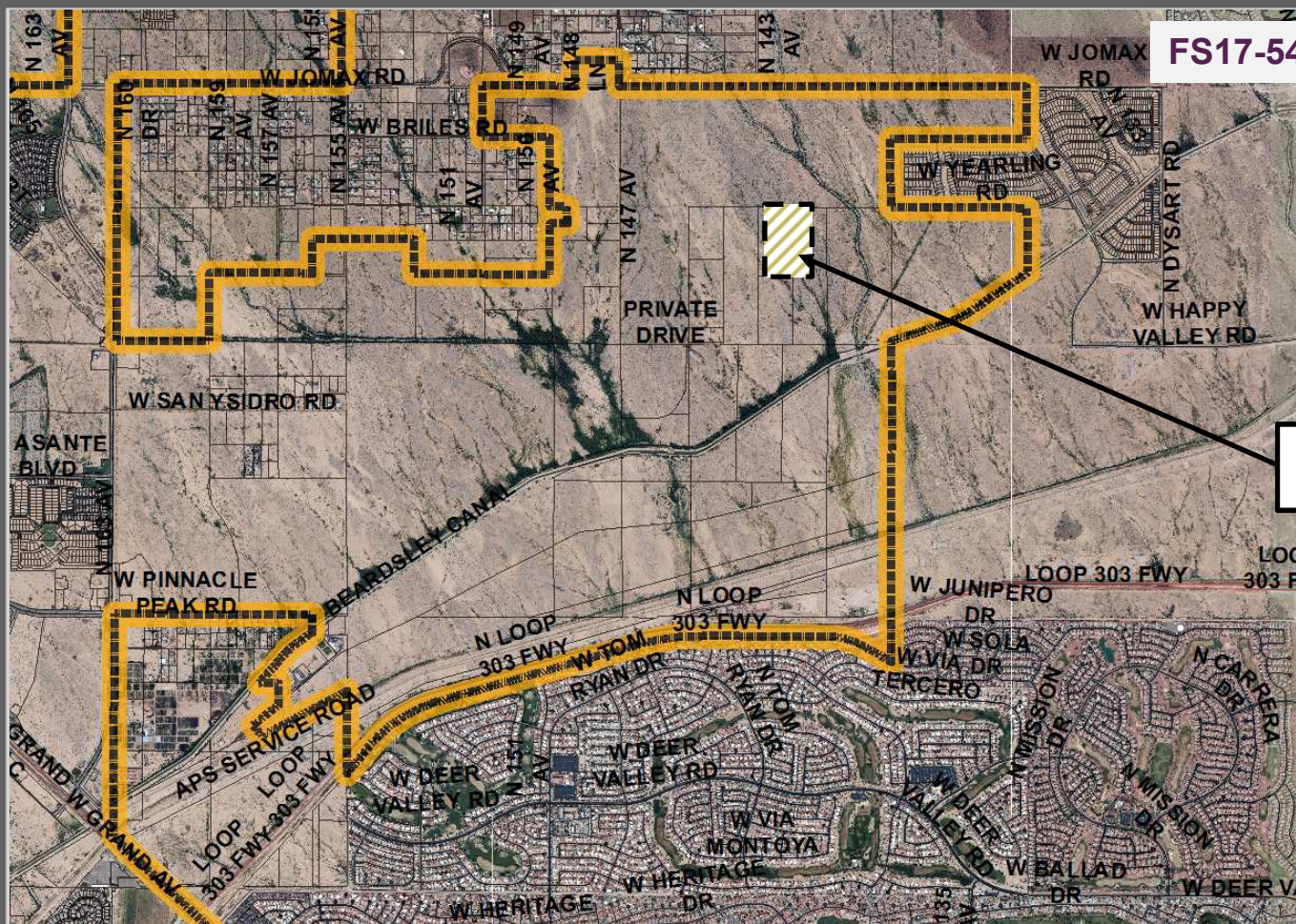
01 Vicinity Map
02 Case Map
03 Final Plat

FS17-546 Parcel A17 Final Plat
FS18-093 Parcel A19 Final Plat



Vicinity Map

FS17-546 Parcel A17 Final Plat



Subject Site

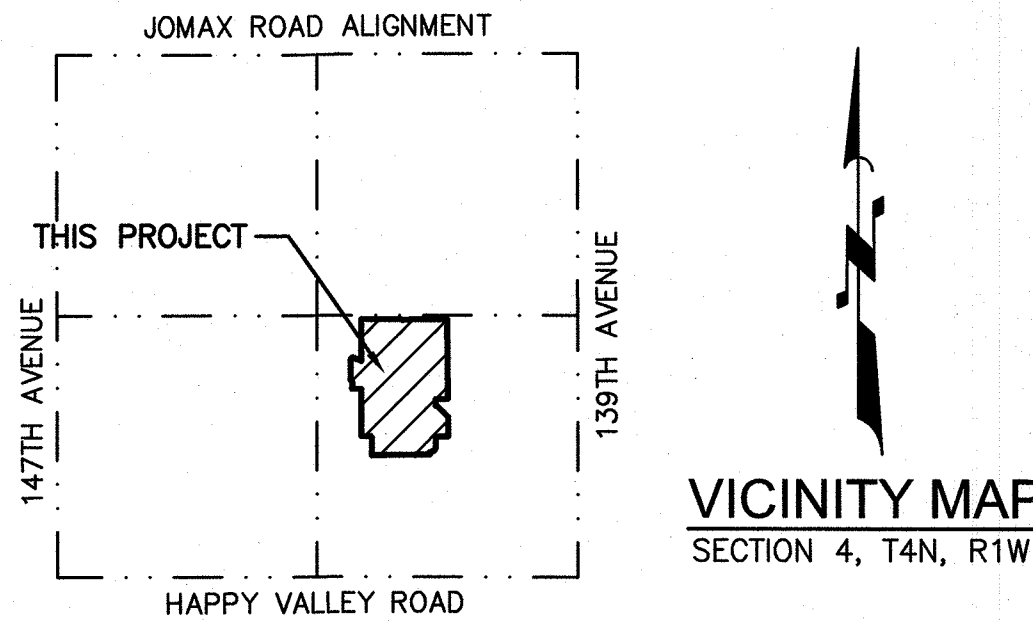
Case Map



North



FINAL PLAT
OF
RANCHO MERCADO PARCEL A17
A PORTION OF THE SOUTHEAST QUARTER OF SECTION 4, TOWNSHIP
4 NORTH, RANGE 1 WEST OF THE GILA AND SALT RIVER MERIDIAN,
CITY OF SURPRISE, MARICOPA COUNTY, ARIZONA



DEDICATION

STATE OF ARIZONA: }
COUNTY OF MARICOPA: } SS

KNOW ALL PERSONS BY THESE PRESENTS:

- THAT WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION, HEREINAFTER "OWNER", HAS SUBDIVIDED UNDER THE NAME "RANCHO MERCADO PARCEL A17", LOCATED WITHIN A PORTION OF THE SOUTHEAST QUARTER OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, CITY OF SURPRISE, MARICOPA COUNTY, ARIZONA AND DOES HEREBY DECLARE THAT THIS PLAT SETS FORTH THE LOCATION AND GIVES THE DIMENSIONS OF EACH LOT, TRACT, STREET, AND EASEMENT CONSTITUTING SAME, AND THAT EACH LOT, TRACT, STREET, AND EASEMENT SHALL BE KNOWN BY THE NUMBER, LETTER, AND/OR NAME GIVEN TO EACH RESPECTIVELY AS SHOWN ON THIS PLAT.
- "OWNER" HEREBY DEDICATES TO THE CITY OF SURPRISE FEE TITLE TO ALL PUBLIC RIGHTS-OF-WAY AS SHOWN ON THE PLAT.
- ALL IMPROVEMENTS, FOR STREETS AND PUBLIC UTILITIES OWNED AND OPERATED BY THE CITY, INSTALLED OR CONSTRUCTED BY "OWNER" WITHIN THE PUBLIC RIGHTS-OF-WAY, THE EASEMENTS, OR ANY TRACTS OR PARCELS HEREBY DEDICATED TO THE CITY OF SURPRISE SHALL BE DEEMED TO HAVE BEEN DEDICATED BY OWNER TO THE CITY UPON THEIR COMPLETION; HOWEVER, SUCH TRANSFER SHALL NOT OCCUR UNTIL THE CITY COUNCIL FOR THE CITY OF SURPRISE MANIFESTS ITS ACCEPTANCE BY SEPARATE FORMAL COUNCIL ACTION.
- "OWNER" DOES HEREBY (1) RELEASE AND DISCHARGE THE CITY OF SURPRISE, AND (2) INDEMNIFY, DEFEND, AND HOLD HARMLESS THE CITY OF SURPRISE, OF AND FROM ANY LIABILITY FOR ANY AND ALL CLAIMS FOR DAMAGES OF ANY KIND TO PERSONS OR PROPERTY THAT MAY ARISE AT ANY TIME IN THE FUTURE OVER, OR IN CONNECTION WITH THE AREAS LOCATED WITHIN THE NEWLY DEDICATED RIGHT-OF-WAY AS DEPICTED ON THIS PLAT UNTIL SUCH TIME THE RIGHT-OF-WAY IS IMPROVED TO CITY STANDARDS AND THOSE IMPROVEMENTS ARE APPROVED AND ACCEPTED BY THE CITY COUNCIL. THE MAINTENANCE OF THE AREA WITHIN ANY NEWLY DEDICATED RIGHT-OF-WAY AS SHOWN ON THIS PLAT SHALL BE THE RESPONSIBILITY OF THE ADJACENT OWNER/OR SUBSEQUENT ADJACENT OWNERS WITHIN THE BOUNDARY OF SAID PLAT UNTIL SUCH TIME THAT THE AREA WITHIN THE RIGHT-OF-WAY IS IMPROVED TO CITY STANDARD AND ACCEPTED BY THE CITY OF SURPRISE.
- "OWNER" HEREBY GRANTS TO THE PUBLIC A NON-EXCLUSIVE EASEMENT OVER, UPON AND ACROSS THE AREAS DESIGNATED AS PUBLIC UTILITY EASEMENTS AS SHOWN ON THE PLAT FOR THE PURPOSE OF INSTALLING, CONSTRUCTING, MAINTAINING, REPAIRING, REPLACING AND UTILIZING PUBLIC UTILITIES.
- THE MAINTENANCE OF LANDSCAPING WITHIN THE ADJACENT PUBLIC RIGHTS-OF-WAY, INCLUDING LANDSCAPED MEDIANS WITHIN COLLECTORS AND LOCAL STREETS AND LANDSCAPED AREAS BETWEEN THE CURB AND THE DETACHED SIDEWALK, SHALL BE THE RESPONSIBILITY OF THE ADJACENT PROPERTY OWNER OR THE PROPERTY ASSOCIATION FORMED BY THE ADJACENT PROPERTY.
- "OWNER" HEREBY GRANTS TO THE UNITED STATES OF AMERICA DEPARTMENT OF THE AIR FORCE "USAF" AN AVIGATION EASEMENT OVER AND ACROSS THIS PLAT AND EVERY LOT AND PARCEL THEREOF, WHICH EASEMENT SHALL INCLUDE, BUT NOT BE LIMITED TO, THE RIGHT OF FLIGHT OF AIRCRAFT OVER THIS PLAT, TOGETHER WITH ITS ATTENDANT NOISE, VIBRATIONS, FUMES, DUST, FUEL AND LUBRICANT PARTICLES, THAT MAY BE CAUSED BY THE OPERATION OF AIRCRAFT LANDING AT, OR TAKING OFF FROM, OR OPERATING AT OR ON LUKE AIR FORCE BASE AND AUXILIARY FIELD.
- "OWNER" HEREBY GRANTS TO THE CITY OF SURPRISE AN ODOR EASEMENT OVER, UPON AND ACROSS, FINAL PLAT, WHICH EASEMENT SHALL INCLUDE, BUT NOT LIMITED TO, THE RIGHT TO INVADE WITH ODORS, FUMES, SMELLS, AND PHYSICAL AIRBORNE PARTICULATES CAUSED BY THE LAWFUL OPERATION AND MAINTENANCE OF THE CITY'S WATER RECLAMATION FACILITY.
- THE EASEMENTS GRANTED WITHIN THIS DEDICATION ARE PERMANENT AND PERPETUAL AND SHALL RUN WITH THE LAND AND BE BINDING UPON OWNER AND ITS HEIRS, ASSIGNS, AND SUCCESSORS IN INTEREST TO THIS FINAL PLAT OR ANY PARCEL THEREOF.
- "OWNER" HEREBY WARRANTS AND REPRESENTS TO THE CITY OF SURPRISE THAT IT IS THE SOLE OWNER OF THE PROPERTY COVERED BY THIS FINAL PLAT, AND THAT EVERY LENDER, EASEMENT HOLDER OR OTHER PERSON OR ENTITY HAVING ANY INTEREST THAT IS ADVERSE TO OR INCONSISTENT WITH THE FOREGOING DEDICATION, OR ANY OTHER REAL PROPERTY INTEREST CREATED OR TRANSFERRED BY THIS FINAL PLAT, HAS CONSENTED TO OR JOINED IN THIS FINAL PLAT AS EVIDENCED BY INSTRUMENTS WHICH ARE RECORDED WITH THE MARICOPA COUNTY RECORDERS OFFICE OR WHICH OWNER WILL RECORD NOT LATER THAN THE DATE ON WHICH THIS FINAL PLAT IS RECORDED.
- "OWNER" HEREBY GRANTS TO THE CITY OF SURPRISE A NON-EXCLUSIVE EASEMENT OVER, UPON AND ACROSS THE AREAS DESIGNATED AS SIGHT VISIBILITY TRIANGLES FOR THE PURPOSE OF ENSURING THEY COMPLY WITH SVT REQUIREMENTS.
- THE MAINTENANCE OF LANDSCAPING WITHIN THE OPEN SPACES, LANDSCAPED TRACTS, RETENTION BASINS AND PARKS SHALL BE THE RESPONSIBILITY OF THE OWNER OR THE RANCHO MERCADO COMMUNITY ASSOCIATION.
- THE VEHICULAR NON ACCESS EASEMENTS "VNAE" ARE HEREBY DEDICATED TO THE RANCHO MERCADO COMMUNITY ASSOCIATION, ITS SUCCESSORS AND ASSIGNS AND IS INTENDED TO PREVENT VEHICULAR TRAFFIC BETWEEN TRACTS AND LOTS WITH THE EXCEPTION OF PUBLIC UTILITY USES. SAID "VNAE" AS DEDICATED HEREON WILL CROSS PUBLIC UTILITY EASEMENTS "PUE" ALSO GRANTED HEREON, IN MULTIPLE LOCATIONS. THESE "VNAE" ARE NOT INTENDED TO PREVENT AUTHORIZED AGENTS OF THE PUBLIC UTILITY COMPANIES FROM CROSSING SAID "VNAE" DURING THE COURSE OF INSTALLATION, USE, MAINTENANCE AND REPAIR OF THE UTILITIES LOCATED IN SAID PUBLIC UTILITY EASEMENT "PUE".
- ALL TRACTS ARE NOT DEDICATED TO THE PUBLIC, BUT ARE PLATTED AS COMMON PROPERTY DEDICATED TO THE RANCHO MERCADO COMMUNITY ASSOCIATION FOR THE USE AND ENJOYMENT OF THE RANCHO MERCADO COMMUNITY ASSOCIATION, AS MORE FULLY SET FORTH IN THE DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS.
- TRACTS PLATTED HEREON ARE DEDICATED FOR THE PURPOSES AS NOTED IN THE TRACT TABLE ON THIS FINAL PLAT AND SHALL BE MAINTAINED BY RANCHO MERCADO COMMUNITY ASSOCIATION.
- OWNER HEREBY GRANTS TO THE CITY OF SURPRISE A PERPETUAL CROSS ACCESS EASEMENT ACROSS THE ENTIRE PLAT FOR THE PURPOSES OF PROVIDING CONTINUES AND UNINTERRUPTED INGRESS AND EGRESS FOR EMERGENCY VEHICLES.

IN WITNESS WHEREOF, OWNER HAS HEREUNTO CAUSED ITS CORPORATE NAME TO BE SIGNED AND ITS CORPORATE SEAL TO BE AFFIXED BY THE UNDERSIGNED, DULY AUTHORIZED OFFICER THIS DAY OF _____, 2018.

WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION.

BY: _____

ITS: _____

NOTARY ACKNOWLEDGEMENT

STATE OF ARIZONA: }
COUNTY OF MARICOPA: } SS

ON THIS _____ DAY OF _____, 2018, BEFORE ME, THE UNDERSIGNED NOTARY PUBLIC APPEARED JULIE E. COLLINS OF WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION, WHO ACKNOWLEDGED HERSELF TO BE THE SENIOR VICE PRESIDENT, AND THAT SHE EXECUTED THIS INSTRUMENT FOR THE PURPOSES HEREIN CONTAINED.

IN WITNESS WHEREOF, I HEREUNTO SET MY HAND AND OFFICIAL SEAL.

BY: _____ MY COMMISSION EXPIRES _____ DATE _____
NOTARY PUBLIC

RANCHO MERCADO COMMUNITY ASSOCIATION RATIFICATION

BY THIS RATIFICATION, KAREN BEACOM, DULY ELECTED PRESIDENT OF THE RANCHO MERCADO COMMUNITY ASSOCIATION ACKNOWLEDGES THE RESPONSIBILITIES DEDICATED HEREON.

BY: _____ ITS PRESIDENT
KAREN BEACOM

NOTARY ACKNOWLEDGEMENT

STATE OF ARIZONA: }
COUNTY OF MARICOPA: } SS

ON THIS _____ DAY OF _____, 2018, KAREN BEACOM PERSONALLY APPEARED BEFORE ME, THE UNDERSIGNED NOTARY PUBLIC, WHO ACKNOWLEDGED HERSELF TO BE THE PRESIDENT OF THE RANCHO MERCADO COMMUNITY ASSOCIATION, AND THAT SHE, AS PRESIDENT, EXECUTED THIS INSTRUMENT FOR THE PURPOSES HEREIN CONTAINED.

IN WITNESS WHEREOF, I HEREUNTO SET MY HAND AND OFFICIAL SEAL.

BY: _____ MY COMMISSION EXPIRES _____ DATE _____
NOTARY PUBLIC

APPROVALS

CITY OF SURPRISE ENGINEER APPROVAL

DATA ON THIS PLAT REVIEWED AND APPROVED THIS _____ DAY OF _____, 2018, BY THE CITY ENGINEER OF SURPRISE, ARIZONA.

APPROVED _____ DATE _____
CITY ENGINEER

CITY OF SURPRISE COUNCIL APPROVAL

APPROVED BY THE CITY COUNCIL OF THE CITY OF SURPRISE, ARIZONA. THIS _____ DAY. OF _____, 2018.

MAYOR

ATTEST:

CITY CLERK

AREA CALCULATIONS

TRACTS	172534 SQ.FT.	3.961 AC
LOTS	708814 SQ.FT.	16.272 AC
RIGHT OF WAY	282679 SQ.FT.	6.489 AC
TOTAL	1164027 SQ.FT.	26.722 AC

SHEET INDEX

DESCRIPTION	SHEET NO
COVER SHEET	1
KEY MAP, LEGAL DESCRIPTION	2
PLAT SHEETS	3-4

OWNER/DEVELOPER

WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION.
8840 EAST CHAPARRAL ROAD, SUITE 200
SCOTTSDALE, ARIZONA 85250
PHONE NO: 480-850-3729
CONTACT: FIL LUNA

RELEASE OF LIABILITY

- WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION "OWNER" DOES HEREBY (1) RELEASE AND DISCHARGE THE "USAF" AND THE CITY OF SURPRISE, AND (2) INDEMNIFY, DEFEND, AND HOLD HARMLESS THE CITY OF SURPRISE, OF AND FROM ANY LIABILITY FOR ANY AND ALL CLAIMS FOR DAMAGES OF ANY KIND TO PERSONS OR PROPERTY THAT MAY ARISE AT ANY TIME IN THE FUTURE OVER, OR IN CONNECTION WITH AIRCRAFT OVERFLIGHTS FROM AIRCRAFT UTILIZING LUKE AIR FORCE BASE, WHETHER SUCH DAMAGE SHALL ORIGINATE FROM NOISE, VIBRATION, FUMES, DUST, FUEL AND LUBRICANT PARTICLES, THAT MAY BE CAUSED BY THE OPERATION OF AIRCRAFT LANDING AT, OR TAKING OFF FROM, OR OPERATING AT OR ON LUKE AIR FORCE BASE. THIS INSTRUMENT SHALL RUN WITH THE LAND AND BE BINDING UPON OWNER AND ITS HEIRS, ASSIGNS, AND SUCCESSORS IN INTEREST TO THIS PLAT OR ANY PARCEL OR LOT THEREOF. THIS INSTRUMENT DOES NOT RELEASE THE USAF FROM LIABILITY FOR DAMAGE OR INJURY TO PERSON OR PROPERTY CAUSED BY FALLING AIRCRAFT OR FALLING PHYSICAL OBJECTS FROM AIRCRAFT, EXCEPT AS STATED HEREIN WITH RESPECT TO NOISE, FUMES, DUST, FUEL, AND LUBRICANT PARTICLES.
- WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION HEREBY AGREES TO INDEMNIFY, DEFEND, AND HOLD HARMLESS THE CITY OF SURPRISE FROM ANY AND ALL CLAIMS FOR DAMAGES OF ANY KIND TO PERSONS OR PROPERTY THAT MAY ARISE IN CONNECTION WITH THE USE OF THE SIDEWALKS LOCATED WITHIN THE RIGHT-OF-WAY, UNTIL SUCH TIME THE CITY OF SURPRISE HAS ACCEPTED THE SIDEWALKS.

PUBLIC NOTICE

THE LOTS DEPICTED ON THIS PLAT ARE LOCATED WITHIN THE VICINITY OF LUKE AIR FORCE BASE AND MAY BE SUBJECT TO OVERFLIGHTS BY JET AIRCRAFT. ALL STRUCTURES WITHIN THIS PLAT SHALL BE CONSTRUCTED IN COMPLIANCE WITH THE SOUND ATTENUATION STANDARDS ADOPTED BY THE CITY OF SURPRISE. A MAP DEPICTING THE MOST CURRENT ADOPTED MAG NOISE CONTOURS IN RELATION TO THIS PLAT SHALL BE DISPLAYED IN ALL SALES OFFICES. ADDITIONAL INFORMATION MAY BE OBTAINED BY CONTACTING THE CITY OF SURPRISE COMMUNITY DEVELOPMENT DEPARTMENT.

100 YEAR ASSURED WATER SUPPLY LANGUAGE

THE AREA PLATTED HEREON LIES WITHIN THE DOMESTIC WATER SERVICE AREA OF CITY OF SURPRISE, AWS NO. 2010-012, WHICH IS DESIGNATED AS HAVING AN ASSURED WATER SUPPLY PURSUANT A.R.S. §45-576.

GENERAL NOTES

- IN ACCORDANCE WITH A.R.S. §9-461.07, THE CITY OF SURPRISE HAS DETERMINED THAT ALL DEDICATIONS OCCURRING WITH THIS PLAT ARE IN CONFORMANCE WITH THE CITY OF SURPRISE GENERAL PLAN.
- PURSUANT TO A.R.S. §42-11102, THE CITY OF SURPRISE, A POLITICAL SUBDIVISION OF THE STATE OF ARIZONA, IS EXEMPT FROM ALL TAXES AND ASSESSMENTS BASED ON ASSESSED VALUE EXCEPT FOR SPECIAL DISTRICTS #14751 AND #14710, WHEN APPLICABLE.
- THE PROPERTY OWNERS, OR ANY SUBSEQUENT OWNERS SHALL NOT PROCEED WITH ANY ON SITE GRADING OR EXCAVATION WITHOUT FIRST OBTAINING A PERMIT FROM THE CITY OF SURPRISE.
- OWNER OF TRACT IS RESPONSIBLE FOR ONSITE DRAINAGE MAINTENANCE.
- HAPPY VALLEY ROAD WILL BECOME A 6 LANE MAJOR ARTERIAL AT SOME FUTURE POINT.
- SPRINKLERS ARE REQUIRED IN ALL ONE AND TWO FAMILY DWELLINGS BUILT IN AREAS WHICH DO NOT HAVE AN ADEQUATE WATER SUPPLY OF 2000 GPM @ 2 HOURS @ 20 PSI RESIDUAL.
- THIS FINAL PLAT IS IN SUBSTANTIAL CONFORMANCE WITH THE PRELIMINARY PLAT APPROVED BY THE CITY OF SURPRISE UNDER CASE F515-069.
- A PORTION OF THE PROPERTY IS LOCATED WITHIN THE AREA HAVING FLOOD ZONE "X", BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, ON FLOOD INSURANCE RATE MAPS NO. 04013C1210L AND NO. 04013C1230L, WITH A DATE OF IDENTIFICATION OF OCTOBER 16, 2013, FOR COMMUNITY NO. 040053, IN MARICOPA COUNTY, STATE OF ARIZONA, WHICH IS THE CURRENT FLOOD INSURANCE RATE MAP FOR THE COMMUNITY IN WHICH SAID PROPERTY IS SITUATED, AS MAY BE AMENDED FROM TIME TO TIME.

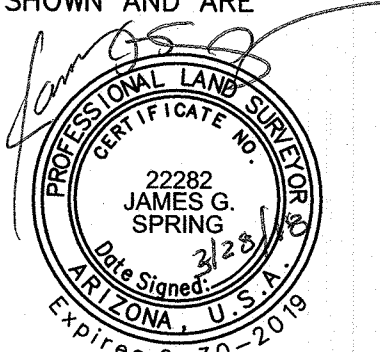
BASIS OF BEARING

THE WEST-EAST, MID-SECTION LINE OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, OF THE GILA AND SALT RIVER MERIDIAN WHICH BEARS S89°46'48"E A DISTANCE OF 5255.54' THIS POSITION WAS DERIVED FROM THE ESTABLISHED NGS POINTS DV0080 & AJ3867. PROJECT THEN SCALED TO GROUND AT A COMBINED SCALE FACTOR OF 1.00013766895 AND VERIFIED AGAINST GDACS BOOK 834, PG 1. HORIZONTAL ERROR = (0.04') ANGLE ERROR = (00°00'01")

SURVEYOR'S CERTIFICATION

I, JAMES G. SPRING, PLS 22282, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR IN THE STATE OF ARIZONA; THAT THIS PLAT CONSISTING OF FOUR SHEETS REPRESENTS A SURVEY PREPARED UNDER MY SUPERVISION DURING THE MONTH OF JANUARY, 2018; THAT THE SURVEY IS CORRECT AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE EXTERIOR BOUNDARY MONUMENTS ACTUALLY EXIST AS SHOWN AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

JAMES G. SPRING, PLS 22282
ATWELL, LLC
4700 EAST SOUTHERN AVENUE
MESA, ARIZONA 85206



NOTE:
A.R.S. §32-151 STATES THAT THE USE OF THE WORD "CERTIFY" OR "CERTIFICATION" BY A PERSON OR FIRM THAT IS REGISTERED OR CERTIFIED BY THE BOARD IS AN EXPRESSION OF PROFESSIONAL OPINION REGARDING FACTS OR FINDINGS THAT ARE SUBJECT OF THE CERTIFICATION AND DOES NOT CONSTITUTE AN EXPRESS OR IMPLIED WARRANTY OR GUARANTEE.

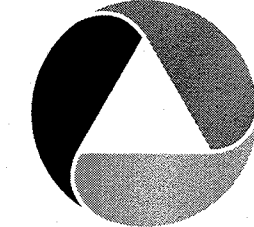


COUNTY: MARICOPA
SECTION: 4
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A17
CITY OF SURPRISE, ARIZONA

JANUARY 2018

REVISIONS:



PM. J. SPRING
DR. R. GILES
JOB NO.
09001944

N.T.S.

08001944 FP A17JWG

SHEET
NO.
1 OF 4

LEGAL DESCRIPTION

A PORTION OF THE SOUTH HALF OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, OF THE GILA AND SALT RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A FOUND 2" MARICOPA COUNTY ALUMINUM CAP STAMPED RLS 35832, ACCEPTED AS THE WEST QUARTER CORNER OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, FROM WHICH A FOUND 3" MARICOPA COUNTY BRASS CAP IN HANDHOLE STAMPED D.O.T. 36770, ACCEPTED AS THE EAST QUARTER CORNER OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, THEREOF BEARS S89°46'48"E A DISTANCE OF 5255.54'

THENCE, ALONG THE WEST-EAST MID-SECTION LINE OF SAID SECTION 4, S89°46'48"E A DISTANCE OF 3072.82 FEET;

THENCE, LEAVING THE WEST-EAST MID-SECTION LINE OF SAID SECTION 4, S00°13'12"W A DISTANCE OF 40.00 FEET TO THE POINT OF BEGINNING

THENCE, S89°46'48"E A DISTANCE OF 407.41 FEET;

THENCE, S44°46'48"E A DISTANCE OF 9.19 FEET;

THENCE, S89°46'48"E A DISTANCE OF 74.00 FEET;

THENCE, N45°13'12"E A DISTANCE OF 9.19 FEET;

THENCE, S89°46'48"E A DISTANCE OF 374.82 FEET;

THENCE, S00°14'26"E A DISTANCE OF 802.62 FEET;

THENCE, S89°45'34"W A DISTANCE OF 123.16 FEET;

THENCE, S00°13'12"W A DISTANCE OF 71.42 FEET;

THENCE, S89°46'48"E A DISTANCE OF 11.51 FEET;

THENCE, S45°29'15"E A DISTANCE OF 158.02 FEET;

THENCE, S00°14'26"E A DISTANCE OF 197.01 FEET;

THENCE, N89°46'48"W A DISTANCE OF 114.42 FEET;

THENCE, S45°13'12"W A DISTANCE OF 16.00 FEET;

THENCE, S00°13'12"W A DISTANCE OF 81.34 FEET TO THE BEGINNING OF A TANGENT CURVE CONCAVE NORTHWEST WITH A RADIUS OF 63.00 FEET;

THENCE, SOUTHWESTERLY ALONG SAID CURVE AN ARC LENGTH OF 98.96 FEET THROUGH A CENTRAL ANGLE OF 90°00'00";

THENCE, S00°14'26"E A DISTANCE OF 24.77 FEET;

THENCE, S89°45'34"W A DISTANCE OF 583.22 FEET;

THENCE, N00°13'12"E A DISTANCE OF 176.53 FEET;

THENCE, N44°46'48"W A DISTANCE OF 16.00 FEET;

THENCE, N89°46'48"W A DISTANCE OF 95.69 FEET;

THENCE, N00°13'12"E A DISTANCE OF 476.00 FEET;

THENCE, N89°46'48"W A DISTANCE OF 92.00 FEET;

THENCE, N00°13'12"E A DISTANCE OF 10.83 FEET TO THE BEGINNING OF A TANGENT CURVE CONCAVE EAST WITH A RADIUS OF 47.00 FEET;

THENCE, NORTHERLY ALONG SAID CURVE AN ARC LENGTH OF 14.23 FEET THROUGH A CENTRAL ANGLE OF 17°20'29" TO THE BEGINNING OF A REVERSE CURVE CONCAVE WEST WITH A RADIUS OF 63.00 FEET;

THENCE, NORTHERLY ALONG SAID REVERSE CURVE AN ARC LENGTH OF 75.85 FEET THROUGH A CENTRAL ANGLE OF 68°59'07";

THENCE, N38°34'34"E A DISTANCE OF 7.14 FEET;

THENCE, N00°13'12"E A DISTANCE OF 190.00 FEET;

THENCE, N38°08'10"W A DISTANCE OF 7.14 FEET TO THE BEGINNING OF A NON-TANGENT CURVE CONCAVE TO THE LEFT;

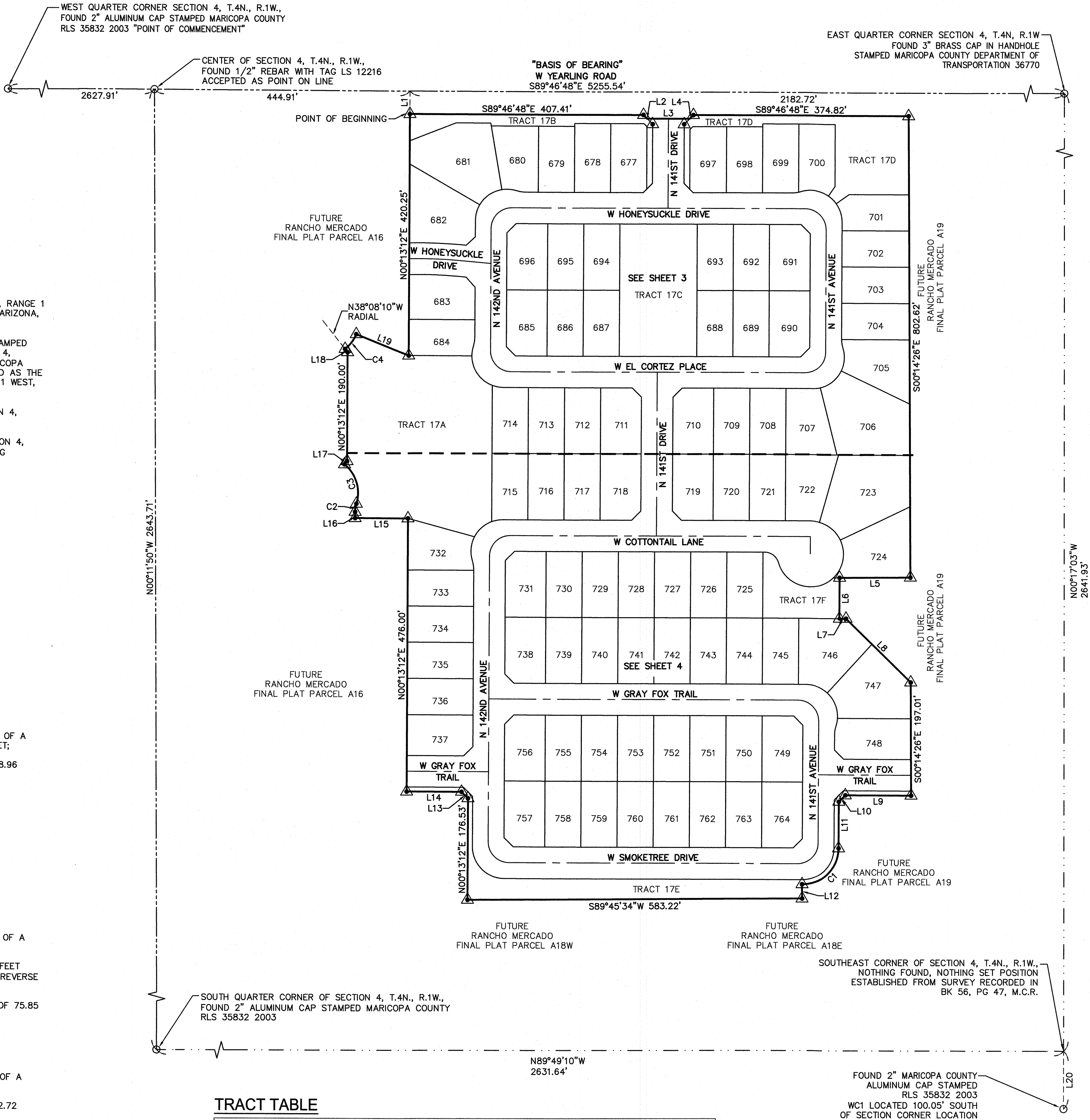
THENCE, NORTHEASTERLY ALONG SAID CURVE AN ARC LENGTH OF 32.72 FEET, WITH A RADIUS OF 63.00 FEET AND THE RADIAL BEARING OF N38°08'10"W AND A CENTRAL ANGLE OF 29°45'42";

THENCE, S67°53'52"E A DISTANCE OF 98.65 FEET;

THENCE, N00°13'12"E A DISTANCE OF 420.25 FEET TO THE POINT OF BEGINNING.

CITY OF SURPRISE CASE ZONING

DEVELOPMENT STANDARDS ARE PER CITY OF SURPRISE ZONING CASE FS10-210 OR AS SUBSEQUENTLY AMENDED.



LEGEND

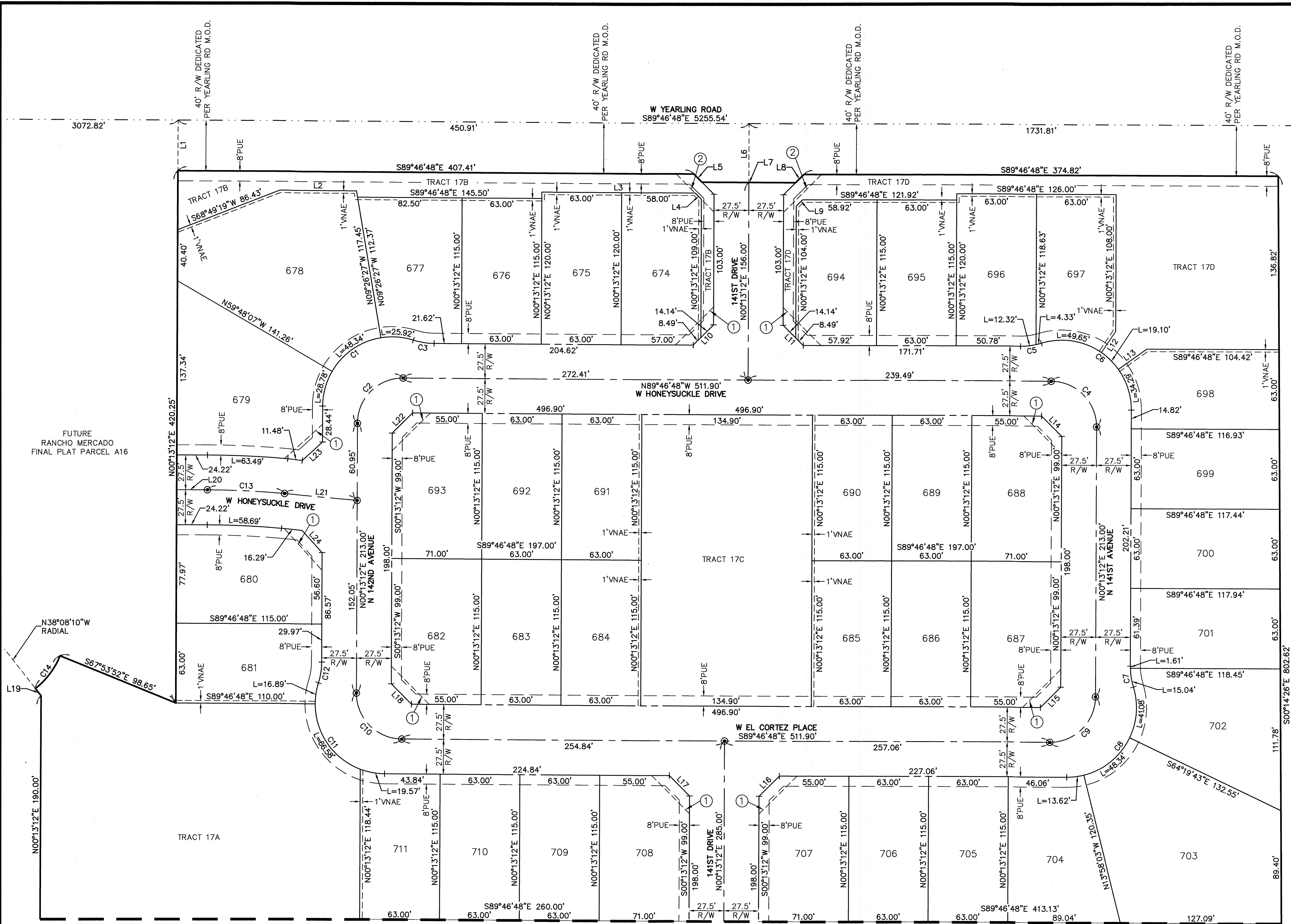
- SUBDIVISION BOUNDARY
- RIGHT OF WAY LINE
- EXISTING RIGHT OF WAY LINE
- CENTERLINE
- EXISTING EASEMENT LINE
- PROPOSED EASEMENT LINE
- SECTION LINE
- ALIQUOT SECTION LINE
- SUBDIVISION CORNER TO BE SET
- FOUND MONUMENT AS NOTED
- CENTERLINE MONUMENT (TO BE SET BY CITY OF SURPRISE STANDARDS)
- 30'x30' SIGHT VISIBILITY EASEMENT
- 40'x40' SIGHT VISIBILITY EASEMENT
- VEHICULAR NON-ACCESS EASEMENT
- PUBLIC UTILITY EASEMENT
- MAP OF DEDICATION
- RIGHT-OF-WAY
- FRONT BUILDING SETBACK LINE
- DELTA
- CURVE TABLE NUMBER
- LINE TABLE NUMBER
- RADIAL BEARING
- FINAL PLAT

LINE TABLE		
LINE #	DIRECTION	LENGTH
L1	S00°13'12"W	40.00'
L2	S44°46'48"E	9.19'
L3	S89°46'48"E	74.00'
L4	N45°13'12"E	9.19'
L5	S89°45'34"W	123.16'
L6	S00°13'12"W	71.42'
L7	S89°46'48"E	11.51'
L8	S45°29'15"E	158.02'
L9	N89°46'48"W	114.42'
L10	S45°13'12"W	16.00'
L11	S00°13'12"W	81.34'
L12	S00°14'26"E	24.77'
L13	N44°46'48"W	16.00'
L14	N89°46'48"W	95.69'
L15	N89°46'48"W	92.00'
L16	N00°13'12"E	10.83'
L17	N38°34'34"E	7.14'
L18	N38°08'10"W	7.14'
L19	S67°53'52"E	98.65'
L20	N00°01'03"E	100.05'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C1	98.96'	63.00'	090°00'00"
C2	14.23'	47.00'	017°20'29"
C3	75.85'	63.00'	068°59'07"
C4	32.72'	63.00'	029°45'42"

TRACT TABLE

PARCEL TABLE			
TRACT	AREA SQ FT	AREA ACRES	USAGE
TRACT 17A	73174	1.680	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE
TRACT 17B	9324	0.214	OPEN SPACE, DRAINAGE AND PUE
TRACT 17C	31028	0.712	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE
TRACT 17D	23486	0.539	OPEN SPACE, DRAINAGE, RECREATION AND PUE
TRACT 17E	25672	0.589	OPEN SPACE, DRAINAGE, RECREATION AND PUE
TRACT 17F	9850	0.226	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE
TOTAL	172534	3.961	



LOT TABLE\WIDTH BASED ON FBSL				LOT TABLE\WIDTH BASED ON FBSL				LOT TABLE\WIDTH BASED ON FBSL			
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
674	7530	0.173	63.0'	687	8037	0.185	67.0'	700	7414	0.170	63.0'
675	7560	0.174	63.0'	688	8037	0.185	67.0'	701	7446	0.171	63.0'
676	7245	0.166	63.0'	689	7245	0.166	63.0'	702	9742	0.224	61.5'
677	8238	0.189	66.2'	690	7245	0.166	63.0'	703	17014	0.391	58.9'
678	15507	0.356	58.9'	691	7245	0.166	63.0'	704	8576	0.197	62.6'
679	12100	0.278	74.5'	692	7245	0.166	63.0'	705	7245	0.166	63.0'
680	8662	0.199	69.7'	693	8037	0.185	67.0'	706	7245	0.166	63.0'
681	7162	0.164	63.5'	694	7321	0.168	63.9'	707	8037	0.185	67.0'
682	8037	0.185	67.0'	695	7245	0.166	63.0'	708	8037	0.185	67.0'
683	7245	0.166	63.0'	696	7554	0.173	63.2'	709	7245	0.166	63.0'
684	7245	0.166	63.0'	697	7382	0.169	60.5'	710	7245	0.166	63.0'
685	7245	0.166	63.0'	698	7443	0.171	56.6'	711	7267	0.167	63.3'
686	7245	0.166	63.0'	699	7382	0.169	63.0'				

MATCH SHEET 4

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L1	S00°13'12"W	40.00'	L13	N54°29'56"E	27.53'
L2	S89°46'48"E	60.59'	L14	N44°46'48"W	22.63'
L3	S89°46'48"E	121.00'	L15	N45°13'12"E	22.63'
L4	S44°46'48"E	7.07'	L16	N45°13'12"E	22.63'
L5	S44°46'48"E	9.19'	L17	S44°46'48"E	22.63'
L6	N00°13'12"E	46.50'	L18	N44°46'48"W	22.63'
L7	S89°46'48"E	74.00'	L19	N38°08'10"W	7.14'
L8	N45°13'12"E	9.19'	L20	S89°46'48"E	24.22'
L9	N45°13'12"E	7.07'	L21	S84°46'48"E	57.49'
L10	S45°13'12"W	22.63'	L22	N45°13'12"E	22.63'
L11	S44°46'48"E	22.63'	L23	N47°43'12"E	21.62'
L12	S34°36'20"W	20.13'	L24	S42°16'48"E	23.59'

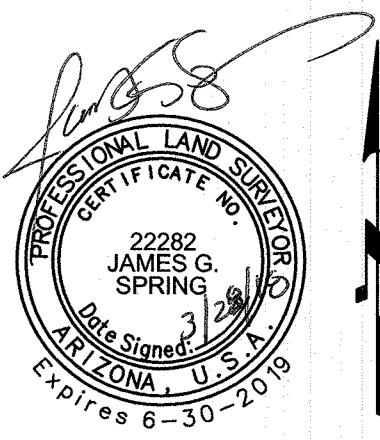
CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C1	103.04'	55.00'	107°20'29"
C2	56.55'	36.00'	090°00'00"
C3	16.65'	55.00'	017°20'29"
C4	56.55'	36.00'	090°00'00"
C5	16.65'	55.00'	017°20'29"
C6	103.04'	55.00'	107°20'29"
C7	15.04'	56.37'	015°17'21"
C8	103.04'	55.00'	107°20'29"
C9	56.55'	36.00'	090°00'00"
C10	56.55'	36.00'	090°00'00"
C11	103.04'	55.00'	107°20'29"
C12	16.65'	55.00'	017°20'29"
C13	61.09'	700.00'	005°00'00"
C14	32.72'	63.00'	029°45'42"

FUTURE
RANCHO MERCADO
FINAL PLAT PARCEL A19

CURVE TABLE				CURVE TABLE				CURVE TABLE				CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA	CURVE #	LENGTH	RADIUS	DELTA	CURVE #	LENGTH	RADIUS	DELTA	CURVE #	LENGTH	RADIUS	DELTA
C15	75.85'	63.00'	068°59'07"	C19	56.55'	36.00'	090°00'00"	C23	98.96'	63.00'	090°00'00"	C27	56.55'	36.00'	090°00'00"
C16	14.23'	47.00'	017°20'29"	C20	32.36'	25.00'	074°10'24"	C24	86.39'	55.00'	090°00'00"	C28	103.04'	55.00'	107°20'29"
C17	16.65'	55.00'	017°20'29"	C21	56.55'	36.00'	090°00'00"	C25	56.55'	36.00'	090°00'00"				
C18	103.04'	55.00'	107°20'29"	C22	86.39'	55.00'	090°00'00"	C26	16.65'	55.00'	017°20'29"				

LOT TABLE\WIDTH BASED ON FBSL			
LOT	AREA SQ FT	AREA ACRES	WIDTH
712	7267	0.167	63.3'
713	7245	0.166	63.0'
714	7245	0.166	63.0'
715	8037	0.185	67.0'
716	8037	0.185	67.0'
717	7245	0.166	63.0'
718	7245	0.166	63.0'
719	8712	0.200	62.5'
720	17082	0.392	59.2'
721	11447	0.263	75.1'
722	7245	0.166	63.0'
723	7245	0.166	63.0'
724	7245	0.166	63.0'
725	7245	0.166	63.0'
726	7245	0.166	63.0'
727	7245	0.166	63.0'
728	8037	0.185	63.0'
729	8407	0.193	63.3'
730	7245	0.166	63.0'
731	7245	0.166	63.0'
732	7245	0.166	63.0'
733	7245	0.166	63.0'
734	8037	0.185	67.0'
735	8037	0.185	67.0'
736	7245	0.166	63.0'
737	7245	0.166	63.0'
738	7245	0.166	63.0'
739	7245	0.166	63.0'
740	7245	0.166	63.0'
741	7245	0.166	63.0'
742	7245	0.166	63.0'
743	11625	0.267	62.4'
744	12661	0.291	59.2'
745	9246	0.212	67.5'
746	8037	0.185	67.0'
747	7245	0.166	63.0'
748	7245	0.166	63.0'
749	7245	0.166	63.0'
750	7245	0.166	63.0'
751	7245	0.166	63.0'
752	7245	0.166	63.0'
753	8037	0.185	67.0'
754	8037	0.185	63.0'
755	7245	0.166	63.0'
756	7245	0.166	63.0'
757	7245	0.166	63.0'
758	7245	0.166	63.0'
759	7245	0.166	63.0'
760	7245	0.166	63.0'
761	8037	0.185	67.0'

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L25	S38°34'34"W	7.14'	L35	S45°13'12"W	16.00'
L26	N00°13'12"E	10.83'	L36	S00°13'12"W	81.34'
L27	N45°13'12"E	22.63'	L37	S45°13'12"W	22.63'
L28	S45°13'12"W	22.63'	L38	S00°14'26"E	24.77'
L29	N44°46'48"W	22.63'	L39	N44°46'48"W	22.63'
L30	S00°13'12"W	30.00'	L40	N44°46'48"W	16.00'
L31	S89°46'48"E	11.51'	L41	S44°46'48"E	22.63'
L32	S44°46'48"E	22.63'	L42	N45°13'12"E	22.63'
L33	S44°46'48"E	22.63'	L43	N45°13'12"E	22.63'
L34	N45°13'12"E	22.63'	L44	N44°46'48"W	22.63'

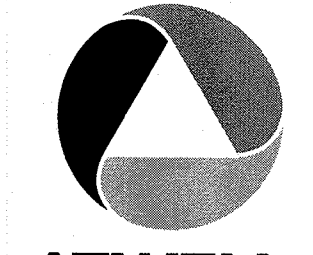


COUNTY: MARICOPA
SECTION: 4
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A17
CITY OF SURPRISE, ARIZONA

JANUARY 2018

REVISIONS:



PM. J. SPRING
DR. R. GILES

JOB NO.
09001944

SCALE 0 20 40
1" = 40 FEET

09001944.FP.A17.DWG
SHEET NO.



Rancho Mercado

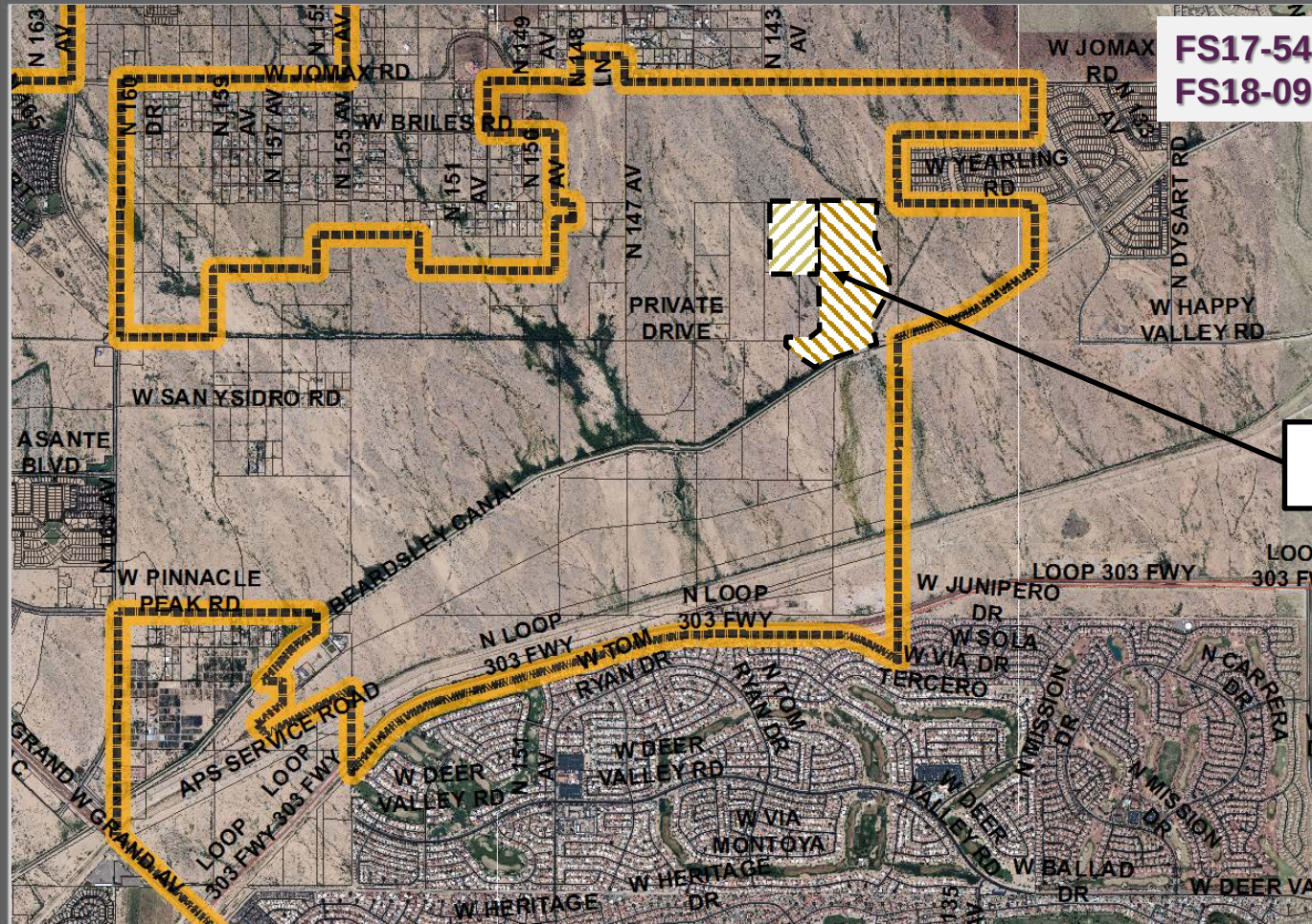
FS17-546 Parcel A17 Final Plat
FS18-093 Parcel A19 Final Plat

City Council
November 6, 2018

Vicinity Map



FS17-546 Parcel A17 Final Plat
FS18-093 Parcel A19 Final Plat



Subject Site

Case Map



North



FS17-546 Parcel A17 Final Plat

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LEGAL DESCRIPTION

A PORTION OF THE SOUTH HALF OF SECTION 4, T4N, R1W, S17E, 30S, 2ND 1/4 ALUMINUM CAP STAMPED MARICOPA COUNTY RLS 30832 2003 "POINT OF COMMENCEMENT"

COMMENCING AT A POINT BEING THE WEST QUARTER CORNER OF SECTION 4, T4N, R1W, S17E, 30S, 2ND 1/4 ALUMINUM CAP STAMPED MARICOPA COUNTY RLS 30832 2003, BEARS S89°46'48"E A DISTANCE OF 3072.82 FEET;

THENCE, ALONG THE WEST-EAST MID-SECTION LINE OF SAID SECTION 4, S89°46'48"E A DISTANCE OF 74.00 FEET;

THENCE, LEAVING THE WEST-EAST MID-SECTION LINE OF SAID SECTION 4, S00°12'12"W A DISTANCE OF 40.00 FEET TO THE POINT OF BEGINNING;

THENCE, S89°46'48"E A DISTANCE OF 407.41 FEET;

THENCE, S44°46'48"E A DISTANCE OF 8.19 FEET;

THENCE, S89°46'48"E A DISTANCE OF 74.00 FEET;

THENCE, N45°12'12"E A DISTANCE OF 9.19 FEET;

THENCE, S89°46'48"E A DISTANCE OF 274.82 FEET;

THENCE, S00°12'12"E A DISTANCE OF 80.83 FEET;

THENCE, S89°46'48"E A DISTANCE OF 123.16 FEET;

THENCE, S89°46'48"E A DISTANCE OF 71.42 FEET;

THENCE, N45°12'12"E A DISTANCE OF 11.42 FEET;

THENCE, S44°46'48"E A DISTANCE OF 158.02 FEET;

THENCE, S89°46'48"E A DISTANCE OF 158.02 FEET;

THENCE, S00°12'12"E A DISTANCE OF 197.01 FEET;

THENCE, N89°46'48"E A DISTANCE OF 114.42 FEET;

THENCE, S89°46'48"E A DISTANCE OF 18.00 FEET;

THENCE, S00°12'12"E A DISTANCE OF 8.19 FEET TO THE BEGINNING OF A TANGENT CURVE CONCAVE NORTHWEST WITH A RADIUS OF 83.00 FEET;

THENCE, SOUTHWESTERLY ALONG SAID CURVE AN ARC LENGTH OF 88.96 FEET THROUGH A CENTRAL ANGLE OF 30°00'00";

THENCE, S00°12'12"E A DISTANCE OF 24.77 FEET;

THENCE, S89°46'48"E A DISTANCE OF 583.22 FEET;

THENCE, S00°12'12"E A DISTANCE OF 176.63 FEET;

THENCE, N44°46'48"E A DISTANCE OF 18.00 FEET;

THENCE, N89°46'48"E A DISTANCE OF 85.69 FEET;

THENCE, S89°46'48"E A DISTANCE OF 476.00 FEET;

THENCE, N89°46'48"E A DISTANCE OF 80.00 FEET;

THENCE, N00°12'12"E A DISTANCE OF 10.83 FEET TO THE BEGINNING OF A TANGENT CURVE CONCAVE EAST WITH A RADIUS OF 47.00 FEET;

THENCE, NORTHWESTERLY ALONG SAID CURVE AN ARC LENGTH OF 14.23 FEET THROUGH A CENTRAL ANGLE OF 17°02'00" TO THE BEGINNING OF A REVERSE CURVE;

THENCE, NORTHWESTERLY ALONG SAID REVERSE CURVE AN ARC LENGTH OF 75.85 FEET THROUGH A CENTRAL ANGLE OF 89°50'00";

THENCE, N08°24'34"E A DISTANCE OF 7.14 FEET;

THENCE, N00°12'12"E A DISTANCE OF 19.00 FEET;

THENCE, N45°12'12"E A DISTANCE OF 11.42 FEET TO THE BEGINNING OF A NON-TANGENT CURVE CONCAVE TO THE LEFT;

THENCE, NORTHWESTERLY ALONG SAID CURVE AN ARC LENGTH OF 32.72 FEET WITH A RADIUS OF 43.00 FEET AND THE RADIAL BEARING OF N30°10'10"W AND A CENTRAL ANGLE OF 29°42'42";

THENCE, S89°46'48"E A DISTANCE OF 94.85 FEET;

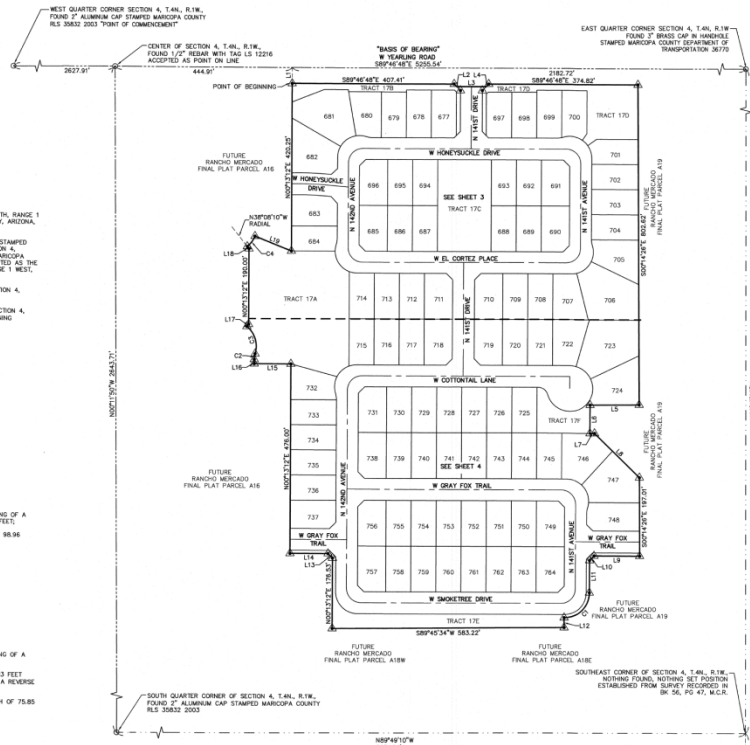
THENCE, N00°12'12"E A DISTANCE OF 420.25 FEET TO THE POINT OF BEGINNING.

CITY OF SURPRISE CASE ZONING

DEVELOPMENT STANDARDS ARE THE CITY OF SURPRISE ZONING CASE F150-210 OR AS SUBSEQUENTLY AMENDED.

TRACT TABLE

TRACT	AREA TO PT	AREA ACRES	PARCEL TABLE	USAGE
TRACT 17A	7374	1.880	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE	
TRACT 17B	8324	0.214	OPEN SPACE, DRAINAGE AND PUE	
TRACT 17C	2108	0.712	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE	
TRACT 17D	2348	0.539	OPEN SPACE, DRAINAGE, RECREATION AND PUE	
TRACT 17E	2562	0.589	OPEN SPACE, DRAINAGE, RECREATION AND PUE	
TRACT 17F	8800	0.226	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE	
TOTAL	17234	3.961		



LEGEND

- SURVEY BOUNDARY
- RIGHT OF WAY LINE
- EXISTING RIGHT OF WAY LINE
- CENTERLINE
- EXISTING EASEMENT LINE
- PROPOSED EASEMENT LINE
- SECTION LINE
- ALIQUOT SECTION LINE
- SUBDIVISION CORNER TO BE SET
- FOUND MONUMENT AS NOTED
- CENTERLINE MONUMENT (TO BE SET BY CITY OF SURPRISE STANDARDS)
- 30'X30' SIGHT VISIBILITY EASEMENT
- 40'X40' SIGHT VISIBILITY EASEMENT
- VEHICULAR NON-ACCESS EASEMENT
- PUBLIC UTILITY EASEMENT
- PUE
- MAP OF DESIGNATION
- RIGHT-OF-WAY
- FRONT BUILDING SETBACK LINE
- BELT
- CURVE TABLE NUMBER
- LINE TABLE NUMBER
- RADIAL BEARING
- FINAL PLAT

LINE TABLE

LINE #	DIRECTION	LENGTH
L1	S00°12'12"W	40.00'
L2	S44°46'48"E	8.19'
L3	S89°46'48"E	74.00'
L4	N45°12'12"E	9.19'
L5	S89°46'48"E	274.82'
L6	S00°12'12"E	74.00'
L7	S89°46'48"E	11.51'
L8	S45°09'15"E	158.02'
L9	N89°46'48"E	114.42'
L10	S45°12'12"E	18.00'
L11	S00°12'12"E	80.83'
L12	S00°12'12"E	24.77'
L13	N44°46'48"E	18.00'
L14	N89°46'48"E	85.69'
L15	N89°46'48"E	476.00'
L16	N00°12'12"E	10.83'
L17	N30°10'10"W	7.14'
L18	N30°10'10"W	7.14'
L19	S67°53'22"E	94.85'
L20	N00°12'12"E	100.00'

CURVE TABLE

CURVE #	LENGTH	RADIUS	DELTA
C1	88.96'	63.00'	09°00'00"
C2	14.23'	47.00'	07°02'00"
C3	75.85'	63.00'	09°00'00"
C4	32.72'	63.00'	09°00'00"



COUNTY: MARICOPA
SECTION: 4
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A17
CITY OF SURPRISE, ARIZONA

JANUARY 2018

REVISIONS



FW: J. SPRING
DR: R. GILES

JOB NO. 09001844

SCALE: AS SHOWN

1" = 100 FEET

DATE: 01/18/2018

SHEET NO.

2 OF 4



LOT TABLET BASED BASED ON FSL				LOT TABLET BASED BASED ON FSL				LOT TABLET BASED BASED ON FSL			
LOT	AREA SQ FT	AREA ACRES	MORPH	LOT	AREA SQ FT	AREA ACRES	MORPH	LOT	AREA SQ FT	AREA ACRES	MORPH
614	7530	0.173	63.0	887	8037	0.185	67.7	704	7474	0.170	63.0
735	7350	0.170	63.0	888	8037	0.185	67.7	746	7446	0.171	63.0
736	7350	0.170	63.0	889	8037	0.185	67.7	747	7446	0.171	63.0
737	7350	0.169	66.2	890	7245	0.166	63.2	7504	7304	0.168	69.1
618	10537	0.241	59.6	891	7245	0.166	63.2	8576	10137	0.232	62.6
679	12100	0.278	74.5	892	7245	0.166	63.2	7245	7245	0.166	63.0
682	8462	0.193	67.0	893	7245	0.166	63.2	7245	7245	0.166	63.0
685	7882	0.181	63.5	894	7245	0.166	63.2	7245	7245	0.166	63.0
682	8037	0.185	67.0	895	7245	0.166	63.2	7037	8037	0.185	67.0
683	8037	0.185	67.0	896	7245	0.172	63.2	7037	7245	0.166	63.0
684	7245	0.166	63.0	897	7245	0.169	63.2	710	7245	0.166	63.0
686	7245	0.166	63.0	898	7245	0.172	63.2	710	7245	0.166	63.0
688	7245	0.166	63.0	899	7245	0.169	63.2	710	7245	0.166	63.0

FS17-546 Parcel A17 Final Plat



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TAMPA, FL 33604

COUNTY: MARICOPA

SECTION: 4

TOWNSHIP: 4 NORTH

RANGE: 1 WEST

FINAL PLAT

RANCHO MERCADO

PARCEL A17

CITY OF SURPRISE, ARIZONA

JANUARY 2018

REVISIONS:



PM: J. SPRING

DR: R. GILES

JOB NO: 09001944

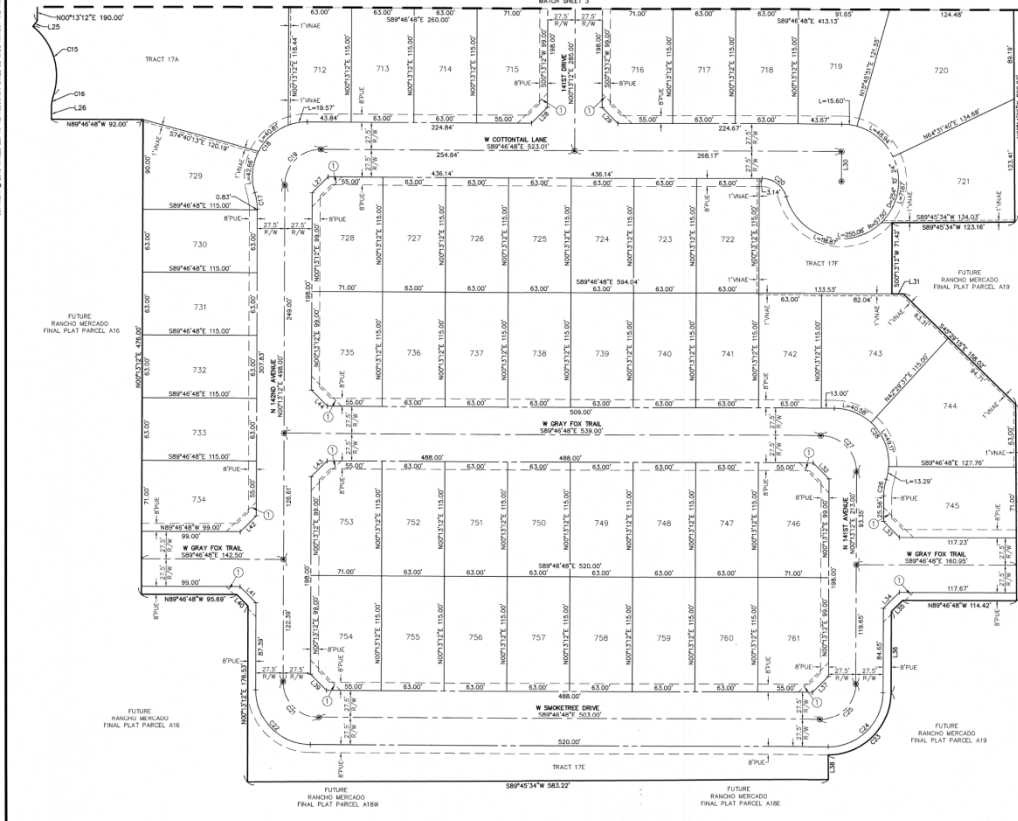
SCALE: 1" = 40 FEET

SHOW IF CLOSE

SHEET 4 OF 4

CURVE TABLE				CURVE TABLE				CURVE TABLE				CURVE TABLE				CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA	CURVE #	LENGTH	RADIUS	DELTA	CURVE #	LENGTH	RADIUS	DELTA	CURVE #	LENGTH	RADIUS	DELTA	CURVE #	LENGTH	RADIUS	DELTA
C15	75.85'	63.00'	080°50'00"	C19	56.55'	36.00'	080°50'00"	C23	98.94'	63.00'	080°50'00"	C27	56.55'	36.00'	080°50'00"	C31	103.04'	55.00'	107°20'29"
C16	14.22'	47.00'	017°20'29"	C20	32.34'	25.00'	074°07'24"	C24	86.39'	55.00'	080°50'00"	C28	103.04'	55.00'	107°20'29"	C32	16.85'	25.00'	017°20'29"
C17	16.85'	55.00'	017°20'29"	C21	56.55'	36.00'	080°50'00"	C25	56.55'	36.00'	080°50'00"	C29	103.04'	55.00'	107°20'29"	C33	16.85'	25.00'	017°20'29"
C18	103.04'	55.00'	107°20'29"	C22	86.39'	55.00'	080°50'00"	C26	16.85'	25.00'	017°20'29"	C30	103.04'	55.00'	107°20'29"	C34	16.85'	25.00'	017°20'29"

MATCH SHEET 3



LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L25	S38°34'34"W	7.14'	L35	S45°13'12"W	16.00'
L26	N00°13'12"E	10.83'	L36	S00°13'12"W	81.34'
L27	N45°13'12"E	22.63'	L37	S45°13'12"W	22.63'
L28	S45°13'12"W	22.63'	L38	S00°14'26"E	24.77'
L29	N44°40'48"W	22.63'	L39	N44°40'48"W	22.63'
L30	S00°13'12"W	30.00'	L40	N44°40'48"W	16.00'
L31	S89°46'48"E	11.51'	L41	S44°40'48"E	22.63'
L32	S44°40'48"E	22.63'	L42	N45°13'12"E	22.63'
L33	S44°40'48"E	22.63'	L43	N45°13'12"E	22.63'
L34	N45°13'12"E	22.63'	L44	N44°40'48"W	22.63'



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FS18-096 Parcel A19 Final Plat

LEGAL DESCRIPTION

A PORTION OF THE SOUTHEAST QUARTER OF SECTION 4 AND THE NORTHEAST QUARTER OF SECTION 9, TOWNSHIP 4 NORTH, RANGE 1 WEST, OF THE D&A AND S&T RIVER BASIN AND MARICOPA PARCELS, ARIZONA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCEMENT AT A FOUND 2" ALUMINUM CAP STAMPED MARICOPA COUNTY RLS 30623 2003, ACQUIRED AS THE WEST QUARTER CORNER OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, FROM THE PUBLIC BUREAU OF LAND MANAGEMENT, STAMPED MARICOPA COUNTY DEPARTMENT OF TRANSPORTATION 30770, ACQUIRED AS THE EAST QUARTER CORNER OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, THEREOF BEARS 58°46'48"E A DISTANCE OF 5055.54'

THENCE, ALONG THE WEST-EAST MID-SECTION LINE OF SAID SECTION 4, 58°46'48"E A DISTANCE OF 384.18 FEET;

THENCE LEAVING THE WEST-EAST MID-SECTION LINE OF SAID SECTION 4, 90°00'00" A DISTANCE OF 45.00 FEET TO THE POINT OF BEGINNING;

THENCE, 58°46'48"E A DISTANCE OF 110.15 FEET;

THENCE, 58°46'48"E A DISTANCE OF 8.19 FEET;

THENCE, 58°46'48"E A DISTANCE OF 74.00 FEET;

THENCE, 58°46'48"E A DISTANCE OF 9.16 FEET;

THENCE, 58°46'48"E A DISTANCE OF 835.18 FEET;

THENCE, 50°02'02"W A DISTANCE OF 388.86 FEET;

THENCE, 50°48'28"W A DISTANCE OF 308.80 FEET;

THENCE, 50°25'05"E A DISTANCE OF 50.89 FEET;

THENCE, 51°53'24"E A DISTANCE OF 368.85 FEET;

THENCE, 50°07'02"E A DISTANCE OF 250.67 FEET;

THENCE, 52°17'41"W A DISTANCE OF 656.11 FEET;

THENCE, 50°07'02"E A DISTANCE OF 148.77 FEET;

THENCE, 51°34'21"E A DISTANCE OF 262.81 FEET;

THENCE, 51°12'55"W A DISTANCE OF 728.82 FEET TO THE BEGINNING OF A TANGENT CURVE CONGRUE TO THE LEFT;

THENCE, SOUTHWESTERLY ALONG SAID CURVE AN ARC LENGTH OF 385.1 FEET, WITH A RADIUS OF 1768.6 FEET AND A CENTRAL ANGLE OF 15°25'25";

THENCE, 58°05'29"W A DISTANCE OF 83.81 FEET;

THENCE, 50°05'00"W A DISTANCE OF 350.43 FEET TO THE BEGINNING OF A TANGENT CURVE CONGRUE TO THE LEFT;

THENCE, NORTHWESTERLY ALONG SAID CURVE AN ARC LENGTH OF 278.81 FEET, WITH A RADIUS OF 1768.6 FEET AND A CENTRAL ANGLE OF 15°25'25";

THENCE, 58°05'29"W A DISTANCE OF 83.81 FEET;

THENCE, NORTHWESTERLY ALONG SAID CURVE AN ARC LENGTH OF 78.36 FEET, WITH A RADIUS OF 1768.6 FEET AND A CENTRAL ANGLE OF 15°25'25";

THENCE, 58°05'29"W A DISTANCE OF 83.81 FEET;

THENCE, 58°05'29"W A DISTANCE OF 63.80 FEET;

THENCE, 58°05'29"W A DISTANCE OF 11.57 FEET;

THENCE, 58°05'29"W A DISTANCE OF 38.36 FEET;

THENCE, 58°05'29"W A DISTANCE OF 380.00 FEET;

THENCE, 58°05'29"W A DISTANCE OF 142.00 FEET;

THENCE, 58°05'29"W A DISTANCE OF 211.00 FEET;

THENCE, 58°05'29"W A DISTANCE OF 760.00 FEET;

THENCE, 58°05'29"W A DISTANCE OF 85.00 FEET;

THENCE, 58°05'29"W A DISTANCE OF 211.00 FEET;

THENCE, 58°05'29"W A DISTANCE OF 104.08 FEET;

THENCE, 58°05'29"W A DISTANCE OF 24.77 FEET TO THE BEGINNING OF A NON-TANGENT CURVE CONGRUE TO THE LEFT;

THENCE, NORTHWESTERLY ALONG SAID CURVE AN ARC LENGTH OF 48.86 FEET, WITH A RADIUS OF 45.00 FEET AND THE RADIAL BEARING OF N70°02'57"W AND A CENTRAL ANGLE OF 90°00'00";

THENCE, 58°05'29"W A DISTANCE OF 81.34 FEET;

THENCE, 58°05'29"W A DISTANCE OF 16.00 FEET;

THENCE, 58°05'29"W A DISTANCE OF 114.42 FEET;

THENCE, 58°05'29"W A DISTANCE OF 197.01 FEET;

THENCE, 58°05'29"W A DISTANCE OF 158.02 FEET;

THENCE, 58°05'29"W A DISTANCE OF 11.51 FEET;

THENCE, 58°05'29"W A DISTANCE OF 71.42 FEET;

THENCE, 58°05'29"W A DISTANCE OF 123.16 FEET;

THENCE, 58°05'29"W A DISTANCE OF 802.62 FEET TO THE POINT OF BEGINNING.

TRACT TABLE

TRACT	AREA SQ FT	AREA ACRES	USAGE
TRACT 180	18029	4.252	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, WATER & SEWER EASEMENT, WELL, STORAGE, TRAIL, OUTFLOW EASEMENT, MULTI-USE TRAIL AND PUE
TRACT 181	27128	6.222	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE
TRACT 182	8859	2.024	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION, MULTI-USE TRAIL AND PUE
TRACT 183	88877	1.807	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE
TRACT 184	1764	0.040	OPEN SPACE, DRAINAGE AND PUE
TRACT 185	5382	0.124	OPEN SPACE, DRAINAGE AND PUE
TRACT 186	24488	0.561	MULTI-USE TRAIL, DRAINAGE, RECREATION, WATER & SEWER EASEMENT AND PUE
TRACT 189	842453	19.340	604 WASH, DRAINAGE, WATER & SEWER EASEMENT AND PUE
TOTAL	1728703	39.640	

LEGEND

- SUBDIVISION BOUNDARY
- RIGHT OF WAY LINE
- EXISTING RIGHT OF WAY LINE
- CENTERLINE
- EXISTING EASEMENT LINE
- PROPOSED EASEMENT LINE
- SECTION LINE
- ALIGNED SECTION LINE
- SUBDIVISION CORNER TO BE SET
- FOUND MONUMENT AS NOTED
- CENTERLINE MONUMENT (TO BE SET BY CITY OF SURPRISE STANDARDS)
- 30°/30° SHORT VISIBILITY EASEMENT
- 40°/40° SHORT VISIBILITY EASEMENT
- VEHICULAR NON-ACCESS EASEMENT
- PUBLIC UTILITY EASEMENT
- M.O.D.
- MAP OF DEDICATION
- R/W
- RIGHT-OF-WAY
- FRONT BUILDING SETBACK LINE
- D
- CURVE TABLE NUMBER
- U
- LINE TABLE NUMBER
- RADIAL BEARING
- FINAL PLAT

CITY OF SURPRISE CENSUS ZONING

DEVELOPMENT STANDARDS ARE PER CITY OF SURPRISE ZONING CASE FS10-210 OR AS SUBSEQUENTLY AMENDED.



COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS



PL: 0 SPRING
OR: R. GLETS
R. GLETS
09001944

SCALE: 1" = 200 FEET

DATE: 08/15/18

SHEET 10

2 OF 10

FS18-096 Parcel A19 Final Plat



COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS



PL: J. SPRING
DR: R. GILES
JOB NO:
09001944

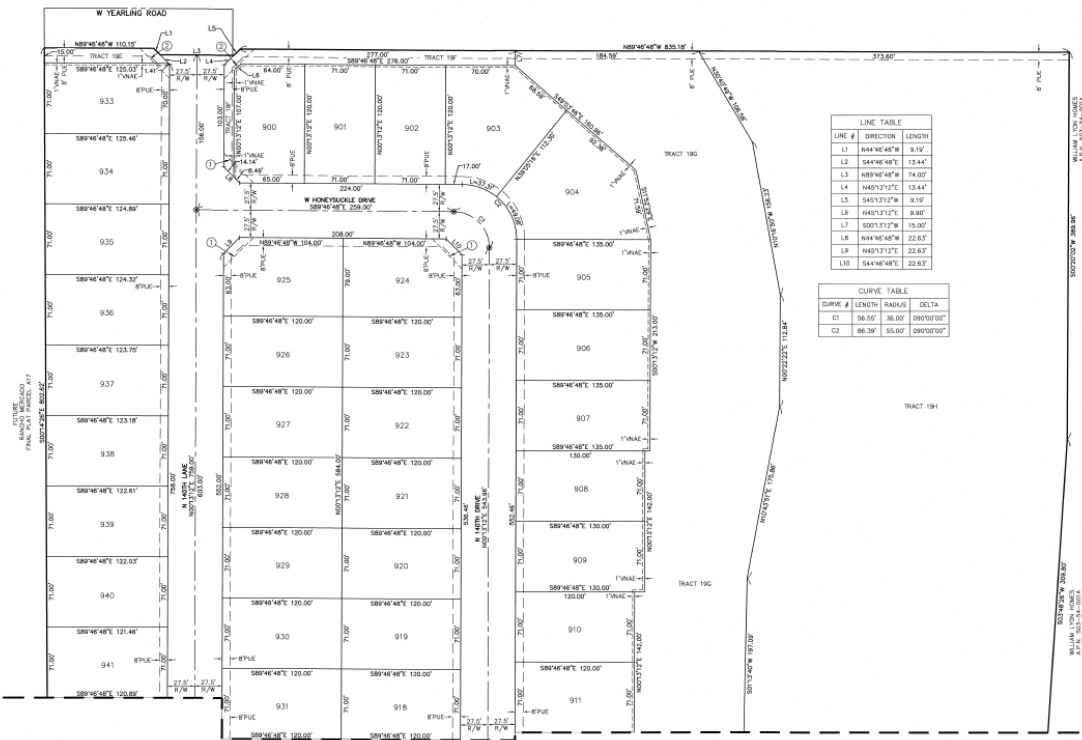
SCALE
1" = 40 FEET

SHEET
3 OF 10



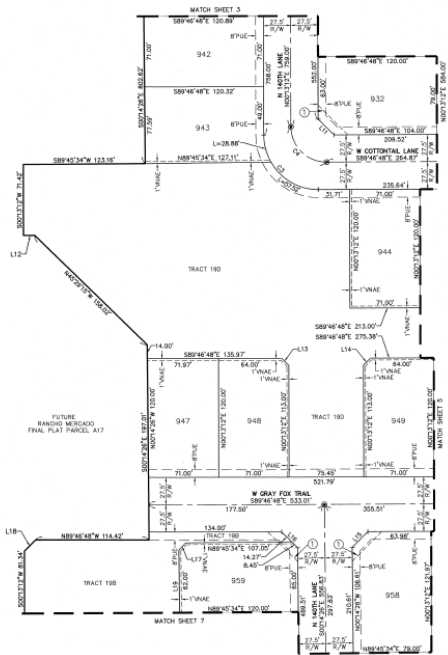
LINE #	DIRECTION	LENGTH
L1	S44°46'48"W	9.19'
L2	S44°46'48"W	12.44'
L3	N89°46'48"W	74.00'
L4	N48°13'12"E	13.44'
L5	S48°13'12"E	9.19'
L6	N48°13'12"E	9.80'
L7	S00°13'12"W	15.00'
L8	N44°46'48"W	22.63'
L9	N48°13'12"E	22.63'
L10	S44°46'48"E	22.63'

CURVE #	LENGTH	RADIUS	DELTA
C1	58.50'	36.00'	99°10'00"
C2	86.39'	55.00'	99°10'00"



LOT TABLE/WIDTH BASED ON FBRL				LOT TABLE/WIDTH BASED ON FBRL				LOT TABLE/WIDTH BASED ON FBRL				LOT TABLE/WIDTH BASED ON FBRL			
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
900	8477	0.195	71.0'	908	9230	0.212	71.0'	904	9352	0.215	71.0'	914	8987	0.204	71.0'
901	8520	0.196	71.0'	909	9230	0.196	71.0'	905	8947	0.203	71.0'	915	8947	0.203	71.0'
902	8520	0.196	71.0'	910	8520	0.196	71.0'	906	8947	0.203	71.0'	916	8947	0.203	71.0'
903	11386	0.261	63.0'	911	8520	0.196	71.0'	907	8947	0.203	71.0'	917	8947	0.203	71.0'
904	13023	0.299	58.0'	912	8520	0.196	71.0'	908	8947	0.203	71.0'	918	8947	0.203	71.0'
905	9585	0.220	71.0'	913	8520	0.196	71.0'	909	8947	0.203	71.0'				
906	9585	0.220	71.0'	914	8520	0.196	71.0'	910	8947	0.203	71.0'				
907	9585	0.220	71.0'	915	8520	0.196	71.0'	911	8947	0.203	71.0'				
908	9230	0.212	71.0'	916	8520	0.196	71.0'	912	8947	0.203	71.0'				

FS18-096 Parcel A19 Final Plat



LOT	AREA SQ. FT.	AREA ACRES	ACRES
942	8563	0.215	75.07
943	8563	0.215	75.07
944	8563	0.215	75.07
945	8563	0.215	75.07
946	8563	0.215	75.07
947	8563	0.215	75.07
948	8563	0.215	75.07
949	8563	0.215	75.07
950	8563	0.215	75.07
951	8563	0.215	75.07

LINE #	DIRECTION	LENGTH
L11	N44°40'48"W	22.63
L12	S89°46'48"E	11.51
L13	S44°46'48"E	9.90
L14	N45°13'12"E	9.90
L15	N44°59'23"E	22.54
L16	S45°00'37"E	22.72
L17	N44°40'34"E	9.90
L18	S45°13'12"W	16.50
L19	N45°13'12"W	16.50

CURVE #	LENGTH	RADIUS	DELTA
C3	86.38	55.00	99°10'10"
C4	58.55	36.00	99°10'10"



COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS



FW: J. SPRING

DR: M. GILES

JOB NO. 09001944

SCALE: 1" = 40 FEET

DATE: 8/1/18

BY: J. SPRING

4 OF 10



COUNTY: MARICOPA

SECTION 4 & 2

TOWNSHIP: 4 NORTH

RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO

RANCHO MERCADO

PARCEL A19

UNIT OF MEASUREMENT: PERSONS

AUGUST 2018



ATWELL	
PM.	J. SPRING
DR.	R. GILES

SCALE 0 20
1" = 40 FEET

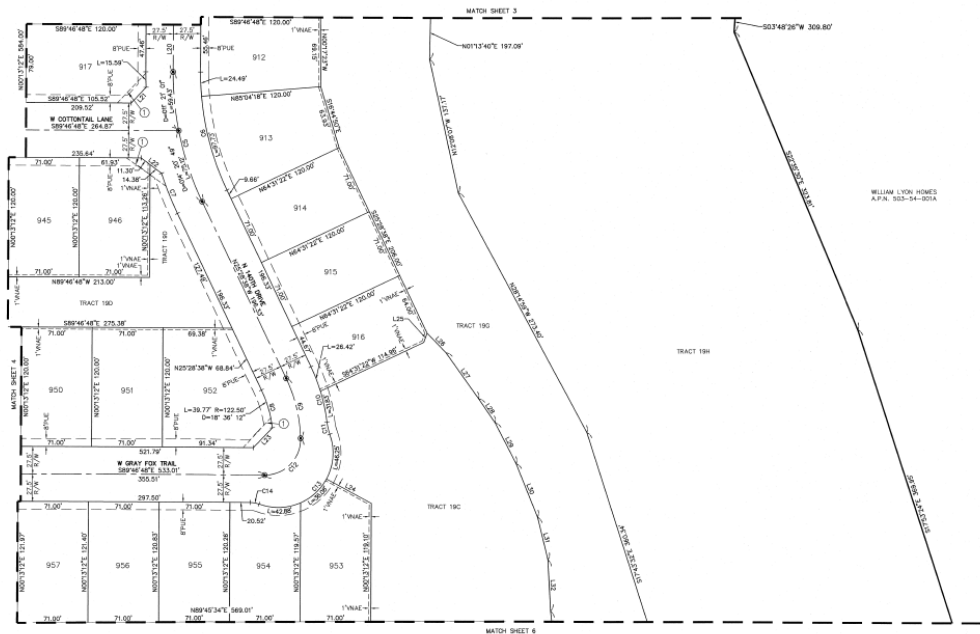
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5 OF 10

LOT TABLE/WIDTH BASED ON FIRST			
LOT	AREA SQ FT	AREA ACRES	WIDTH
912	8965	0.206	78.9'
913	10440	0.240	103.1'
914	8520	0.196	71.0'
915	8520	0.196	71.0'
916	8013	0.195	71.1'
917	9369	0.215	76.5'
945	8520	0.196	71.0'
946	8489	0.195	71.0'
950	8520	0.196	71.0'
951	8520	0.196	71.0'
952	11269	0.259	102.8'
953	9281	0.213	71.0'
954	8363	0.192	72.0'
950	8509	0.196	71.0'
956	8599	0.197	71.0'
957	8640	0.198	71.0'

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L20	N00°37'32"E	543.96'	L27	N35°18'21"W	56.76'
L21	S43°09'24"W	21.80'	L28	N34°18'27"W	29.45'
L22	S53°08'28"E	25.68'	L29	N27°33'57"W	45.92'
L23	S43°35'35"W	27.61'	L30	N21°56'44"W	57.92'
L24	S81°40'20"E	51.16'	L31	N13°34'33"W	44.23'
L25	S19°31'22"W	9.90'	L32	N02°50'56"W	51.48'
L26	S43°58'12"W	27.42'			

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C5	134.55'	300.00'	025°41'50"
C6	122.22'	272.50'	025°41'50"
C7	43.30'	127.50'	007°34'52"
C8	38.77'	122.50'	018°36'51"
C9	62.47'	150.00'	023°51'45"
C10	58.26'	177.50'	018°48'23"
C11	12.66'	55.00'	013°07'42"
C12	57.70'	36.00'	081°50'05"
C13	125.21'	55.00'	130°28'03"
C14	8.89'	25.00'	020°21'54"



WILLIAM LYON HOMES
A.P.N. 503-54-001A

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FS18-096 Parcel A19 Final Plat



COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

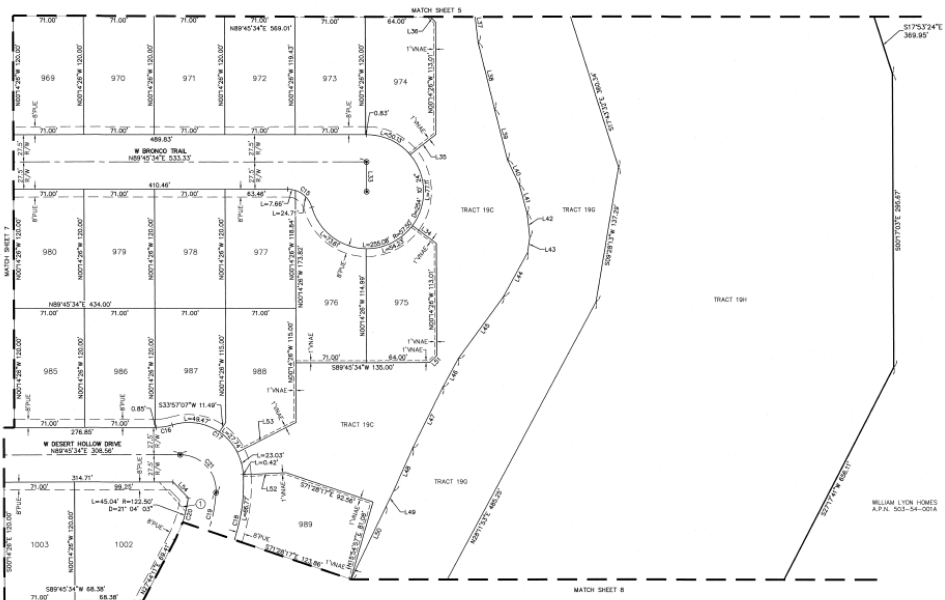
REVISIONS



PLN: J. SPRING
DR: K. GILES
JOB NO:
09001944

SCALE: 1" = 40 FEET

SHEET
6 OF 10



LOT TABLE BASED ON FBSL				LOT TABLE BASED ON FBSL			
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
969	8020	0.186	71.0'	979	8020	0.186	71.0'
970	8020	0.186	71.0'	980	8020	0.186	71.0'
971	8020	0.186	71.0'	981	8020	0.186	71.0'
972	8020	0.186	71.0'	982	8020	0.186	71.0'
973	8020	0.186	71.0'	983	8020	0.186	71.0'
974	8020	0.186	71.0'	984	8020	0.186	71.0'
975	8020	0.186	71.0'	985	8020	0.186	71.0'
976	8020	0.186	71.0'	986	8020	0.186	71.0'
977	8020	0.186	71.0'	987	8020	0.186	71.0'
978	8020	0.186	71.0'	988	8020	0.186	71.0'

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L31	S00°14'28"E	30.00'	L44	S02°14'47"W	50.47'
L34	S83°38'58"E	30.00'	L45	S03°13'04"W	77.48'
L35	S51°16'59"W	33.23'	L46	S28°23'32"W	32.61'
L36	N45°14'28"E	8.80'	L47	S28°23'32"W	68.67'
L37	N00°42'47"W	38.17'	L48	S23°31'15"W	47.23'
L38	S13°34'51"E	89.42'	L49	S02°14'21"W	17.23'
L39	S14°21'28"E	53.80'	L50	S22°14'27"W	81.40'
L40	S25°33'20"E	28.06'	L51	S44°45'35"W	9.90'
L41	S10°11'21"E	29.38'	L52	N88°59'18"E	43.02'
L42	S00°16'32"E	24.54'	L53	S62°51'02"W	66.53'
L43	S08°13'14"W	19.31'	L54	S47°39'29"E	31.99'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C15	32.36'	25.00'	64°14'24"
C16	18.67'	55.00'	61°17'30"
C17	100.34'	55.00'	104°25'20"
C18	85.72'	177.50'	63°03'47"
C19	63.68'	156.00'	55°41'31"
C20	40.04'	123.50'	101°14'34"
C21	58.84'	36.00'	59°13'03"

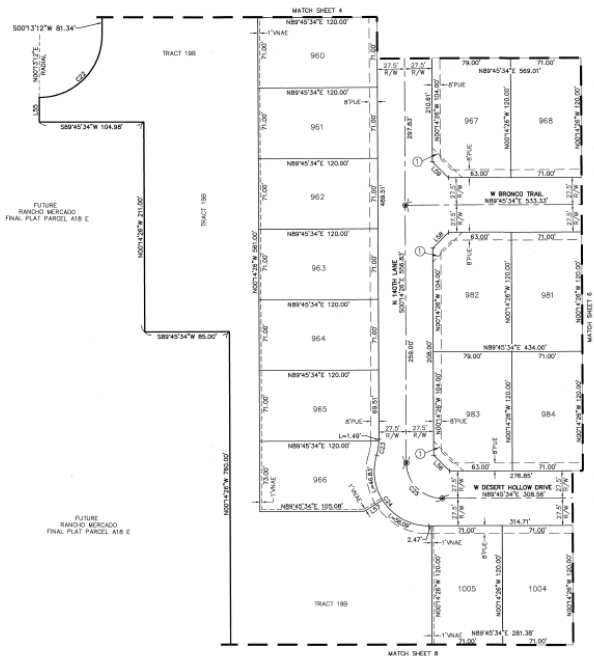


AUGUST 2018

PM.	A. SPRING
DR.	R. GILES
JOB NO.	
09001944	

SHEET
NO. 7 OF 10

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C22	98.96'	63.00'	090°00'00"
C23	16.52'	55.00'	017°12'35"
C24	102.91'	55.00'	107°12'35"
C25	56.55'	36.00'	090°00'00"



FS18-096 Parcel A19 Final Plat



COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 6 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF JUANES, ARIZONA

AUGUST 2018

REVISIONS



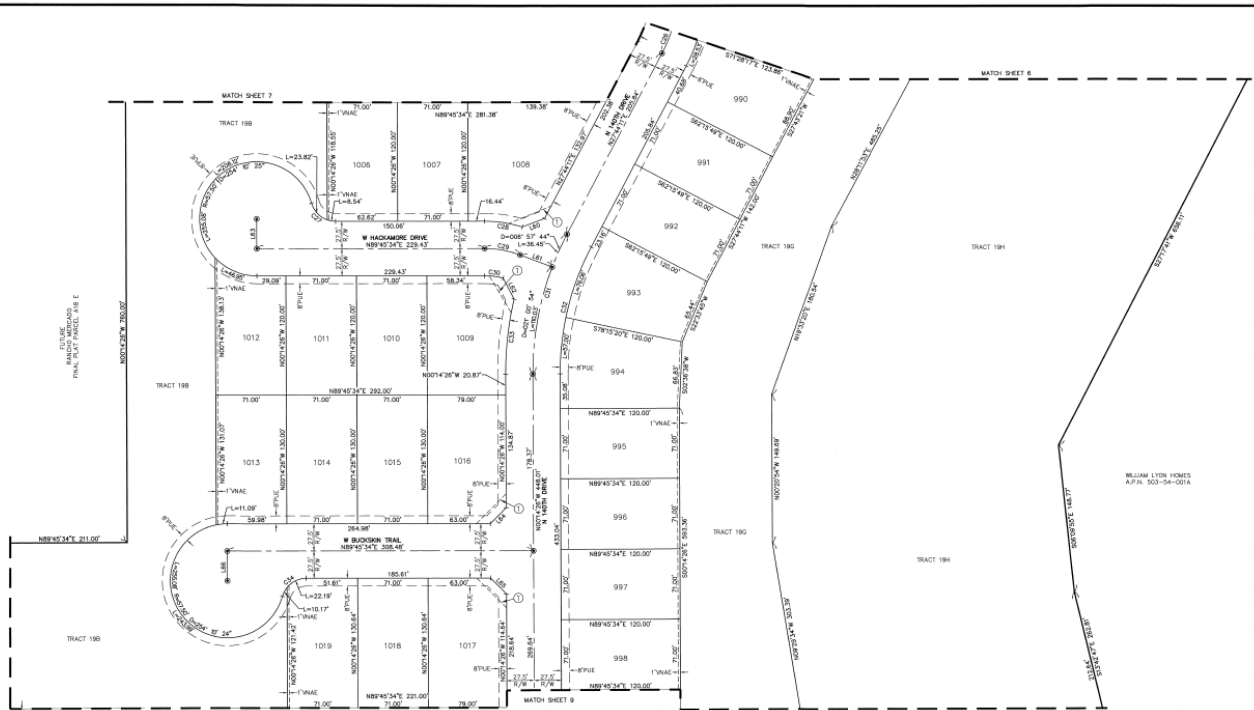
FW: 2 SPRING
DR: 2 GULLS

FSB NO:
09001544

SCALE:
1" = 40 FEET

DRAWN BY NAME:

SHEET
8 OF 10



LOT TABLE WIDTH BASED ON FSBL				LOT TABLE WIDTH BASED ON FSBL			
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
890	8032	0.234	109.2	1009	8793	0.254	86.8
891	8020	0.196	71.07	1010	8020	0.196	71.07
892	8020	0.196	71.07	1011	8020	0.196	71.07
893	10007	0.290	99.27	1012	8756	0.251	71.07
894	8010	0.197	80.77	1013	9434	0.273	71.07
895	8020	0.196	71.07	1014	9230	0.270	71.07
896	8020	0.196	71.07	1015	9230	0.270	71.07
897	8020	0.196	71.07	1016	10143	0.293	79.37
898	8020	0.196	71.07	1017	10090	0.293	79.37
1006	8016	0.196	71.07	1018	9275	0.270	71.07
1007	8020	0.196	71.07	1019	9221	0.270	71.07
1008	13002	0.289	80.47				

LINE TABLE		
LINE #	DIRECTION	LENGTH
L80	S69°14'30"W	23.94'
L81	S69°13'32"E	34.50'
L82	S2°16'37"E	23.87'
L83	N00°14'26"W	30.92'
L84	S44°40'34"W	23.87'
L85	S45°14'28"E	22.63'
L86	S00°14'28"E	30.92'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C26	83.68'	150.00'	024°19'21"
C27	33.36'	25.00'	074°10'24"
C28	26.70'	127.50'	017°23'20"
C29	26.66'	100.00'	027°07'20"
C30	16.92'	72.00'	014°52'30"
C31	146.49'	350.00'	027°08'38"
C32	133.08'	272.50'	027°08'38"
C33	76.11'	327.50'	017°08'38"
C34	20.36'	25.00'	074°10'23"



LOT TABLE WIDTH BASED ON FBS.			
LOT	AREA SQ FT	AREA ACRES	WIDTH
999	8520	0.196	71.0'
1000	8440	0.194	71.0'
1001	8851	0.203	71.0'
1027	8520	0.196	71.0'
1028	8520	0.196	71.0'
1029	9352	0.215	75.0'
1030	8486	0.195	71.0'
1031	8520	0.196	71.0'
1032	8520	0.196	71.0'

LINE #	DIRECTION	LENGTH
L67	S44°45'34"W	22.63'
L68	N35°19'02"W	32.01'
L69	S44°45'34"W	9.90'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C35	58.55'	36.00'	090°00'00"
C36	8.89'	25.00'	020°21'31"
C37	124.19'	55.00'	129°22'33"
C38	8.30'	25.00'	019°00'43"

ATWELL
866.850.4200 www.atwell-group.com
4300 E. SOUTHAVEN AVENUE
MESA, AZ 85206
480-278-8827

COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS:



PM.	J. SPRING
DR.	R. GILES

JOB NO.
09001944

SCALE 0 20
1" = 40 FEET

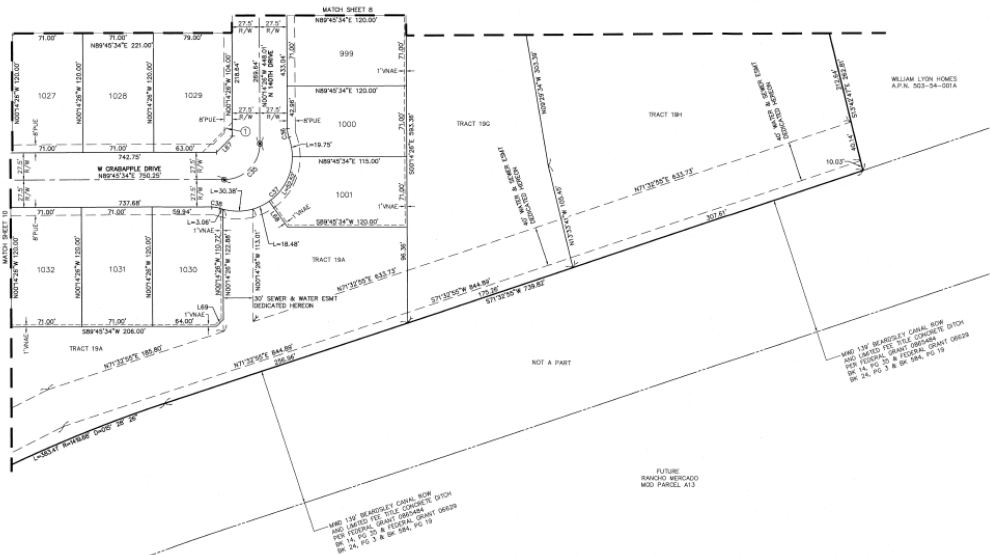
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SHEET
NO. 9 OF 10



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doi:10.1002/1444-0297(200203)10:00203444::AID-PD203444>3.0.CO;2-1





FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

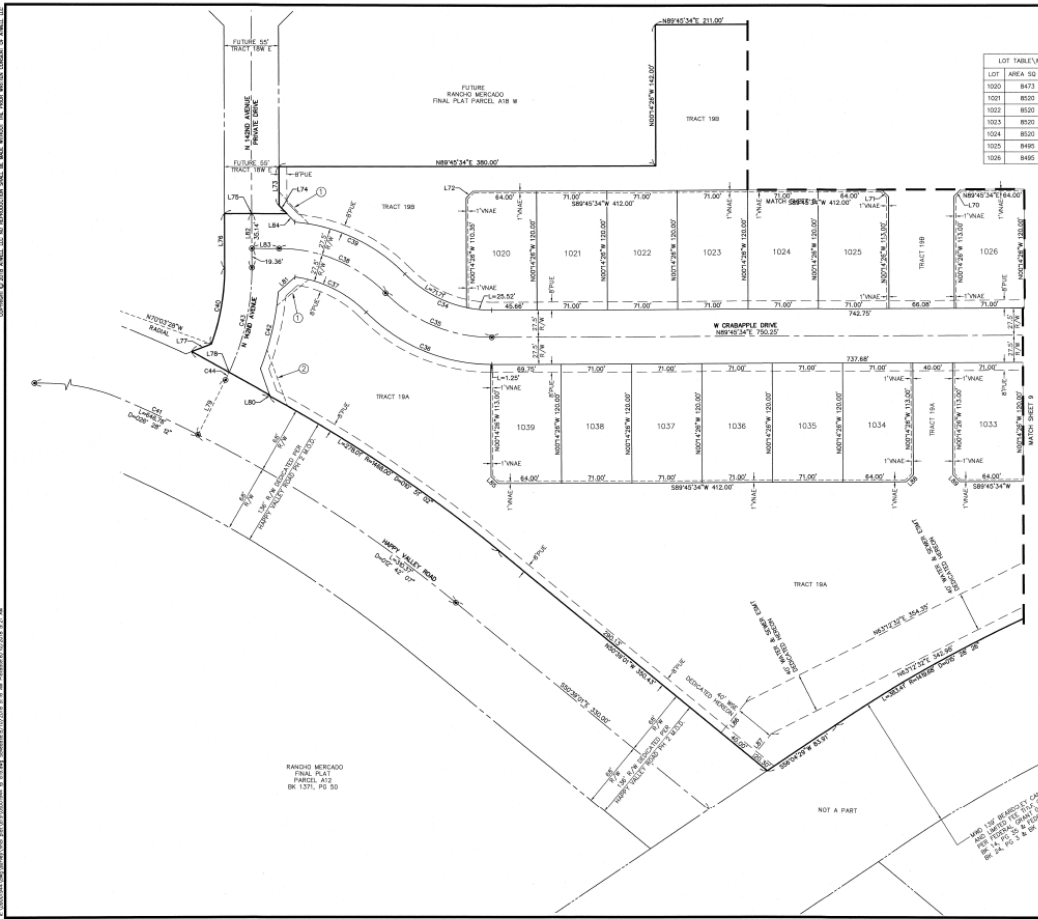


SCALE 0 20
1" = 40 FEET

SHEET
NO.

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L70	N44°45'34"E	9.90'	L80	S19°13'39"E	1.37'
L71	S45°14'26"E	9.90'	L81	N48°16'12"E	22.56'
L72	N44°45'34"E	9.90'	L82	N00°14'27"W	54.50'
L73	S00°14'26"E	39.36'	L83	N89°45'34"E	27.50'
L74	N43°36'57"W	11.57'	L84	N43°36'57"W	11.57'
L75	S89°45'34"W	62.95'	L85	N45°14'26"W	9.90'
L76	S00°14'26"E	54.50'	L86	S30°25'59"W	40.21'
L77	N88°50'58"E	21.20'	L87	S30°25'59"W	31.76'
L78	N65°05'43"E	89.79'	L88	S44°54'34"E	9.90'
L79	S26°38'52"W	61.71'	L89	N44°14'26"W	9.90'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C34	87.23'	122.50'	045°28'39"
C35	119.08'	150.00'	045°28'39"
C36	140.89'	177.50'	045°28'39"
C37	181.34'	122.50'	038°02'49"
C38	119.08'	150.00'	045°28'39"
C39	124.88'	177.50'	040°18'40"
C40	78.38'	222.50'	020°10'59"
C41	957.15'	1400.00'	039°10'19"
C42	80.05'	277.50'	016°31'38"
C43	108.87'	280.00'	024°57'07"





SURPRISE

ARIZONA

**QUESTIONS OR
COMMENTS?**

Thank You



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date: November 6, 2018 Contact Person: Robert Kuhfuss - Community Development
Submitting Department: District: 1
Staff Recommendations: Approve

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to approval of the Final Plat entitled, "Rancho Mercado Parcel A19" dated August 10, 2018, a property generally located in Rancho Mercado south and east of the Yearling Road and Rancho Mercado Parkway alignment.

Motion:

I move to approve the Final Plat entitled, "Rancho Mercado Parcel A19" dated August 10, 2018.

Background:

The subject request involves a 133-lot Final Plat for Parcel A19 of Rancho Mercado and is one of two (2) Final Plats presented this date, but under separate cover.

Objective Analysis:

The proposed Final Plat is one of several case activities related to the Rancho Mercado development. Approval of the subject Final Plat will allow the city to continue issuing the infrastructure permits necessary for the applicant to continue construction. The proposed Final Plat is consistent with the Rancho Mercado PAD and other regulatory documents, and the reviewing agencies have expressed no objections to the approval of the Final Plat.

Policy Compliant:

The requested Final Plat is consistent with the Rancho Mercado PAD, the Rancho Mercado Preliminary Plat and advances the goals and policies of the General Plan.

Financial Impact:

All activity related to ongoing development of the City of Surprise has an economic and fiscal impact on the city and the region.

Budget Impact:

There is no anticipated budget impact related to this item.

FTE Impact:

This item does not have an impact on current staff levels.

ATTACHMENTS:

Click to download

[00 - Rancho Mercado Parcel A19 Final Plat, Case FS18-093 - Staff Report](#)

[01 - Rancho Mercado Parcel A19 Final Plat, Case FS18-093 - Vicinity Map](#)

[02 - Rancho Mercado Parcel A19 Final Plat, Case FS18-093 - Case Map](#)

[03 - Rancho Mercado Parcel A19 Final Plat, Case FS18-093 - Final Plat](#)

[04 - Rancho Mercado Parcel A19 Final Plat, Case FS18-093 - Presentation](#)

FINAL PLAT

REPORT TO THE CITY COUNCIL

Case: FS18-093

Project Name: Rancho Mercado Parcel A19 Final Plat

Council District: 1

City Council Date: November 06, 2018

Planner: Robert H. Kuhfuss, AICP

Owner: William Lyon Homes

Applicant: Fil Luna of William Lyon Homes

Request: Final Plat for Parcel A17 within the Rancho Mercado PAD

Site Location: Generally located south of the Yearling Road alignment and east of the Rancho Mercado Parkway alignment in Ranch Mercado

Site Size: 77.69 acres (approx.

Density: 1.71 DU/Ac.

General Plan Conformance: The proposal is consistent with the Surprise General Plan 2035

Support/Opposition: None known

Findings:

- The proposed Final Plat is consistent with the Rancho Mercado PAD.
- The proposed Final Plat is consistent with the Rancho Mercado Unit 1 Preliminary Plat as approved under FS15-069.
- The proposed Final Plat is consistent with the applicable City of Surprise regulations.
- The reviewing agencies have indicated no objections to the request.

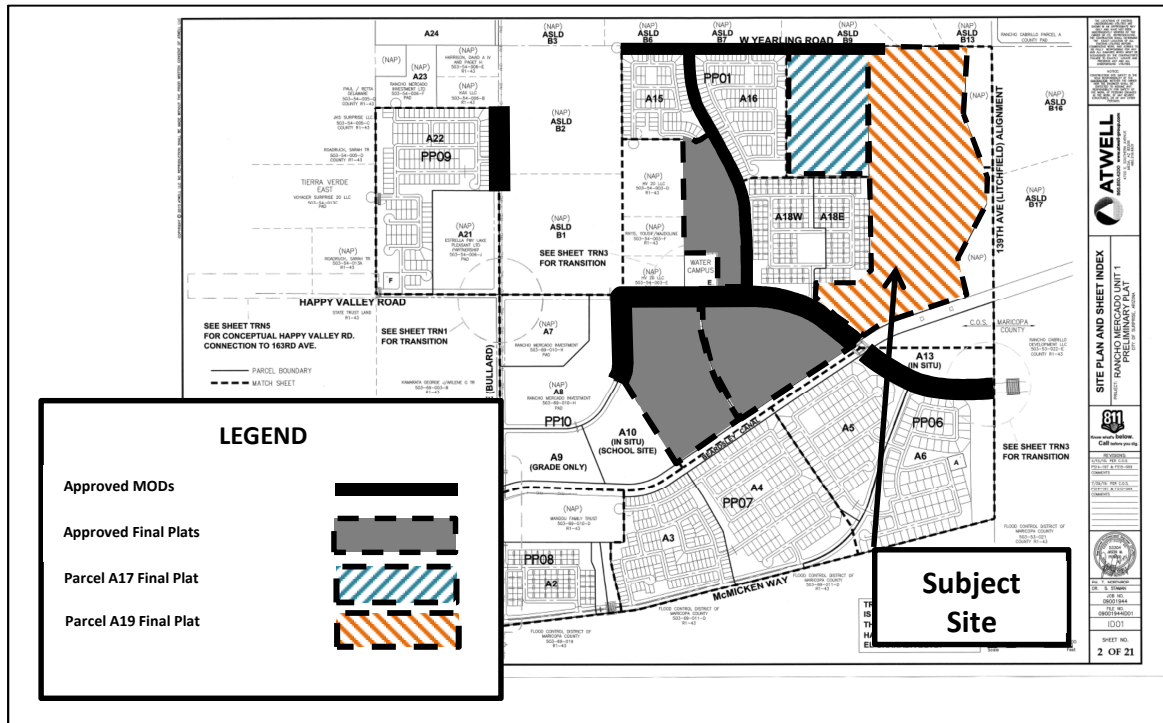
Alternative Actions: **Approval** of the requested Final Plat will allow the developer to continue building infrastructure in support of the larger Rancho Mercado PAD.

Denial of the requested Final Plat will deny the applicant the opportunity to develop the property as depicted on the proposed final plat.

Project Description:

The subject request involves an 133-lot Final Plat for Parcel A19 of Rancho Mercado and is one of two (2) Final Plats presented this date, but under separate cover.

The following map, taken from the Rancho Mercado Unit 1 Preliminary Plat, is annotated to depict the location of the subject Final Plat in relation to the other activity occurring within the PAD.



Background:

July 11, 2006: The Maricopa County Board of Supervisors approved a request for a Development Master Plan (DMP) and associated Zone Change for the Rancho Mercado project in what was then unincorporated Maricopa County.

May 25, 2007: The Surprise City Council entered into a Pre-Annexation Development Agreement with the applicant, which was recorded under 2007-0794202 MCR.

October 11, 2007: The Surprise City Council approved the Rancho Mercado PAD under case PAD06-276, subject to stipulations "a" through "u", Ordinance #07-46.

November 10, 2007: The subject property was annexed into the City of Surprise via Ordinance # 2007-47.

December 2, 2010: Staff met with the applicant to discuss a Preliminary Plat for Rancho Mercado under case CR10-256.

December 7, 2010: Staff approved a Minor PAD Amendment to under case FS10-210.

March 30, 2011: The applicant filed a request for a Preliminary Plat covering the subject property under case PS11-093, which expired due to inactivity.

January 5, 2016: The City Council approved the Preliminary Plat for Rancho Mercado Unit 1 under case FS15-069.

September 14, 2017: The applicant submitted a request for a Final Plat for Rancho Mercado Parcel A17 under case FS17-546.

October 17, 2017: The City Council approved the Map of Dedication for Happy Valley Road Phase 3 under case FS17-097.

October 17, 2017: The City Council approved the Map of Dedication for Happy Valley Road Phase 2 under case FS17-098.

October 17, 2017: The City Council approved the Map of Dedication for Rancho Mercado Parkway under case FS16-384.

October 31, 2017: Staff administratively approved the Minor Site Plan regarding the Rancho Mercado Water Campus under case FS17-262.

December 5, 2017: The City Council approved the Final Plat for Rancho Mercado Parcel A14 under case FS16-385.

February 15, 2018: The applicant submitted a request for a Final Plat for Rancho Mercado Parcel A19 under case FS18-093, the subject case.

February 20, 2018: The City Council approved a Final Plat for Ranch Mercado Parcel A11 under case FS17-257.

February 20, 2018: The City Council approved a Final Plat for Ranch Mercado Parcel A12 under case FS17-258.

February 20, 2018: The City Council approved a Map of Dedication for Happy Valley Road Phase 1 under case FS17-264.

February 20, 2018: The City Council approved a Map of Dedication for 147th Avenue under case FS17-499.

October 2, 2018: The City Council approved a Map of Dedication for Yearling Road under case FS18-086.

Reviewing Agencies:

The subject request was routed to the standard reviewing agencies, who have indicated no objections to the request.

Summary:

The proposed Final Plat is one of several case activities related to the Rancho Mercado development. Approval of the subject Final Plat will allow the city to continue issuing the infrastructure permits necessary for the applicant to continue construction. The proposed Final Plat is consistent with the Rancho Mercado PAD and other regulatory documents, and the reviewing agencies have expressed no objections to the approval of the Final Plat.

Findings:

- The proposed Final Plat is consistent with the Rancho Mercado PAD.
- The proposed Final Plat is consistent with the Rancho Mercado Unit 1 Preliminary Plat as approved under FS15-069.
- The proposed Final Plat is consistent with the applicable City of Surprise regulations.
- The reviewing agencies have indicated no objections to the request.

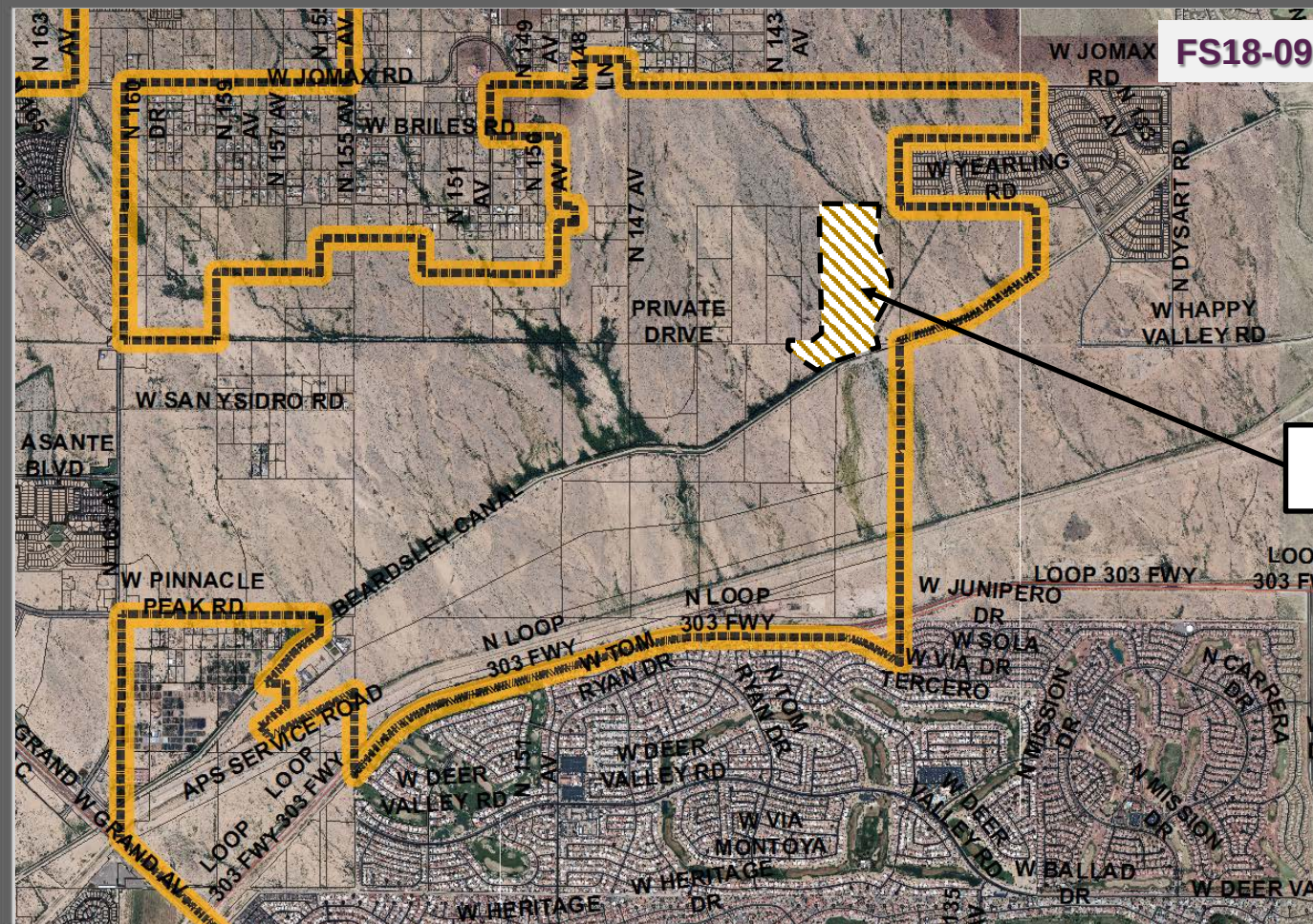
Attachments:

01 Vicinity Map
02 Case Map
03 Final Plat

Vicinity Map



FS18-093 Parcel A19 Final Plat



Subject Site

Case Map



North

1 Mile

DEDICATION

STATE OF ARIZONA: }
COUNTY OF MARICOPA: } SS

KNOW ALL PERSONS BY THESE PRESENTS:

- THAT WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION, HEREINAFTER "OWNER", HAS SUBDIVIDED UNDER THE NAME "RANCHO MERCADO PARCEL A19", LOCATED WITHIN A PORTION OF THE SOUTHEAST QUARTER OF SECTION 4, AND THE NORTHEAST QUARTER OF SECTION 9, TOWNSHIP 4 NORTH, RANGE 1 WEST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, CITY OF SURPRISE, MARICOPA COUNTY, ARIZONA AND DOES HEREBY DECLARE THAT THIS PLAT SETS FORTH THE LOCATION AND GIVES THE DIMENSIONS OF EACH LOT, TRACT, STREET, AND EASEMENT CONSTITUTING SAME, AND THAT EACH LOT, TRACT, STREET, AND EASEMENT SHALL BE KNOWN BY THE NUMBER, LETTER, AND/OR NAME GIVEN TO EACH RESPECTIVELY AS SHOWN ON THIS FINAL PLAT.
- "OWNER" HEREBY DEDICATES TO THE CITY OF SURPRISE FEE TITLE TO ALL PUBLIC RIGHTS-OF-WAY AS SHOWN ON THE FINAL PLAT.
- ALL IMPROVEMENTS, FOR STREETS AND PUBLIC UTILITIES OWNED AND OPERATED BY THE CITY, INSTALLED OR CONSTRUCTED BY "OWNER" WITHIN THE PUBLIC RIGHTS-OF-WAY, THE EASEMENTS, OR ANY TRACTS OR PARCELS HEREBY DEDICATED TO THE CITY OF SURPRISE SHALL BE DEEMED TO HAVE BEEN DEDICATED BY OWNER TO THE CITY UPON THEIR COMPLETION; HOWEVER, SUCH TRANSFER SHALL NOT OCCUR UNTIL THE CITY COUNCIL FOR THE CITY OF SURPRISE MANIFESTS ITS ACCEPTANCE BY SEPARATE FORMAL COUNCIL ACTION.
- "OWNER" HEREBY GRANTS TO THE PUBLIC A PERPETUAL NON-EXCLUSIVE EASEMENT IN, UPON, OVER, UNDER, THROUGH, AND ACROSS THE AREAS DESIGNATED AS PUBLIC UTILITY EASEMENTS AS SHOWN ON THE FINAL PLAT FOR THE PURPOSE OF ACCESSING, INSTALLING, CONSTRUCTING, MAINTAINING, REPAIRING, REPLACING AND UTILIZING PUBLIC UTILITIES.
- "OWNER" HEREBY GRANTS TO THE UNITED STATES OF AMERICA DEPARTMENT OF THE AIR FORCE "USAF" AN AVIGATION EASEMENT OVER AND ACROSS THIS FINAL PLAT AND EVERY LOT AND PARCEL THEREOF, WHICH EASEMENT SHALL INCLUDE, BUT NOT BE LIMITED TO, THE RIGHT OF FLIGHT OF AIRCRAFT OVER THIS FINAL PLAT, TOGETHER WITH ITS ATTENDANT NOISE, VIBRATIONS, FUMES, DUST, FUEL AND LUBRICANT PARTICLES, THAT MAY BE CAUSED BY THE OPERATION OF AIRCRAFT LANDING AT, OR TAKING OFF FROM, OR OPERATING AT OR ON LUKE AIR FORCE BASE AND AUXILIARY FIELD.
- "OWNER" HEREBY GRANTS TO THE CITY OF SURPRISE AN ODOR EASEMENT OVER, UPON AND ACROSS, FINAL PLAT, WHICH EASEMENT SHALL INCLUDE, BUT NOT LIMITED TO, THE RIGHT TO INVADE WITH ODORS, FUMES, SMELLS, AND PHYSICAL AIRBORNE PARTICULATES CAUSED BY THE LAWFUL OPERATION AND MAINTENANCE OF THE CITY'S WATER RECLAMATION FACILITY.
- THE EASEMENTS GRANTED WITHIN THIS DEDICATION ARE PERMANENT AND PERPETUAL AND SHALL RUN WITH THE LAND AND BE BINDING UPON OWNER AND ITS HEIRS, ASSIGNS, AND SUCCESSORS IN INTEREST TO THIS FINAL PLAT OR ANY PARCEL THEREOF.
- "OWNER" HEREBY WARRANTS AND REPRESENTS TO THE CITY OF SURPRISE THAT IT IS THE SOLE OWNER OF THE PROPERTY COVERED BY THIS FINAL PLAT, AND THAT EVERY LENDER, EASEMENT HOLDER OR OTHER PERSON OR ENTITY HAVING ANY INTEREST THAT IS ADVERSE TO OR INCONSISTENT WITH THE FOREGOING DEDICATION, OR ANY OTHER REAL PROPERTY INTEREST CREATED OR TRANSFERRED BY THIS FINAL PLAT, HAS CONSENTED TO OR JOINED IN THIS FINAL PLAT AS EVIDENCED BY INSTRUMENTS WHICH ARE RECORDED WITH THE MARICOPA COUNTY RECORDERS OFFICE OR WHICH OWNER WILL RECORD NOT LATER THAN THE DATE ON WHICH THIS FINAL PLAT IS RECORDED.
- "OWNER" HEREBY GRANTS TO THE CITY OF SURPRISE A PERPETUAL NON-EXCLUSIVE EASEMENT OVER, UPON AND ACROSS THE AREAS DESIGNATED AS SIGHT VISIBILITY TRIANGLES FOR THE PURPOSE OF ENSURING THAT THESE AREAS REMAIN FREE OF SIGHT VISIBILITY OBSTRUCTIONS.
- THE VEHICULAR NON ACCESS EASEMENTS " VNAE " ARE HEREBY DEDICATED TO THE RANCHO MERCADO COMMUNITY ASSOCIATION, ITS SUCCESSORS AND ASSIGNS AND IS INTENDED TO PREVENT VEHICULAR TRAFFIC BETWEEN TRACTS AND LOTS WITH THE EXCEPTION OF PUBLIC UTILITY USES. SAID " VNAE " AS DEDICATED HEREON WILL CROSS PUBLIC UTILITY EASEMENTS "PUE" ALSO CREATED HEREON, IN MULTIPLE LOCATIONS. THESE " VNAE " ARE NOT INTENDED TO PREVENT AUTHORIZED AGENTS OF THE PUBLIC UTILITY COMPANIES FROM CROSSING SAID " VNAE " DURING THE COURSE OF INSTALLATION, USE, MAINTENANCE AND REPAIR OF THE UTILITIES LOCATED IN SAID PUBLIC UTILITY EASEMENT "PUE".
- ALL TRACTS ARE NOT DEDICATED TO THE PUBLIC, BUT ARE PLATTED AS COMMON PROPERTY FOR THE USE AND ENJOYMENT OF THE RANCHO MERCADO COMMUNITY ASSOCIATION, AS MORE FULLY SET FORTH IN THE DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS.
- TRACTS PLATTED HEREON ARE DEDICATED FOR THE PURPOSES AS NOTED IN THE TRACT TABLE ON THIS FINAL PLAT AND SHALL BE MAINTAINED BY RANCHO MERCADO COMMUNITY ASSOCIATION.
- "OWNER" HEREBY GRANTS TO THE CITY OF SURPRISE A PERPETUAL CROSS ACCESS EASEMENT ACROSS THE FINAL PLAT INCLUDING ROADS AND STREETS, OPEN SPACES, COMMUNITY FACILITIES, TRACTS, SIDEWALKS, DRAINAGE BASINS AND ANY PROPERTY WITHIN THE PLAT OWNED BY THE HOMEOWNERS ASSOCIATION FOR THE PURPOSE OF PROVIDING CONTINUOUS AND UNINTERRUPTED INGRESS AND EGRESS FOR EMERGENCY VEHICLES.
- "OWNER" HEREBY GRANTS TO THE CITY OF SURPRISE A PERPETUAL EASEMENT ACROSS THE FINAL PLAT INCLUDING ROADS AND STREETS, OPEN SPACES, COMMUNITY FACILITIES, TRACTS, SIDEWALKS, DRAINAGE BASINS AND ANY PROPERTY WITHIN THE FINAL PLAT OWNED BY THE HOMEOWNERS ASSOCIATION FOR THE PURPOSE OF PROVIDING CONTINUOUS AND UNINTERRUPTED INGRESS AND EGRESS FOR TRASH COLLECTION VEHICLES.
- "OWNER" HEREBY GRANTS TO THE CITY OF SURPRISE A PERPETUAL EXCLUSIVE EASEMENT OVER, UNDER, UPON AND ACROSS ALL AREAS DESIGNATED ON THE PLAT AS A WATER AND SEWER LINE EASEMENT, FOR THE PURPOSES OF INSTALLING, CONSTRUCTING, MAINTAINING, REPAIRING, REPLACING AND UTILIZING THE WATER/SEWER LINES, MANHOLES AND WATER VALVES.
- "OWNER" HEREBY DEDICATES TO THE CITY OF SURPRISE A DISCHARGE EASEMENT OVER AND ACROSS TRACT 19A OF "RANCHO MERCADO PARCEL A19", GIVING THE CITY OF SURPRISE ALL RIGHTS OF DISCHARGE CAUSED BY THE OPERATION AND MAINTENANCE OF THE WELL OVER AND ACROSS TRACT 14C OF "RANCHO MERCADO PARCEL A14".
- "OWNER" HEREBY GRANTS TO THE PUBLIC AN EASEMENT FOR RECREATION OVER, UPON AND ACROSS THOSE AREAS DESIGNATED AS RECREATION TRAILS OR AREAS FOR THE PURPOSE OF ALLOWING THE PUBLIC ACCESS TO THE TRAIL SYSTEM.
- "OWNER" HEREBY GRANTS TO THE CITY OF SURPRISE, AN ARIZONA MUNICIPAL CORPORATION, AND ITS SUCCESSORS AND ASSIGNS, A PUBLIC RECREATION/TRAIL EASEMENT FOR BICYCLING AND OTHER NON-MOTORIZED FORMS OF PEDESTRIAN ACCESS OVER AND ACROSS TRACT 19A, 19C & 19G, INCLUDING THE RIGHT OF INGRESS AND EGRESS ALONG AND ACROSS THE EASEMENT PREMISES, AS SHOWN ON THIS FINAL PLAT.

IN WITNESS WHEREOF, OWNER HAS HEREUNTO CAUSED ITS CORPORATE NAME TO BE SIGNED AND ITS CORPORATE SEAL TO BE AFFIXED BY THE UNDERSIGNED, DULY AUTHORIZED OFFICER THIS DAY OF _____, 2018.

WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION.

BY: _____

ITS: _____

NOTARY ACKNOWLEDGEMENT

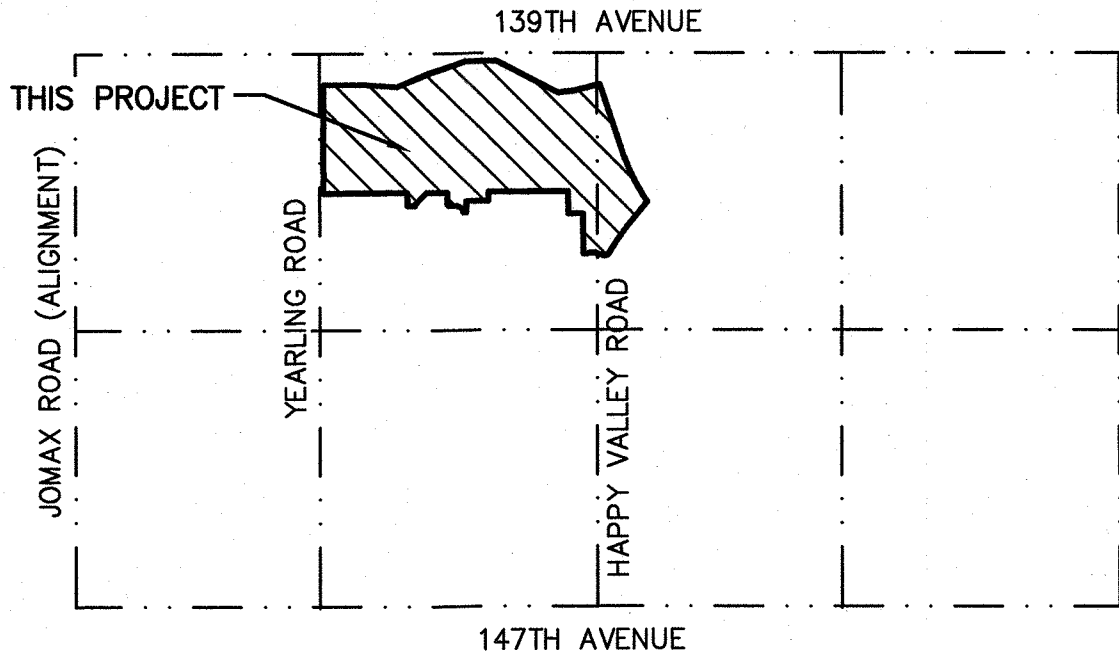
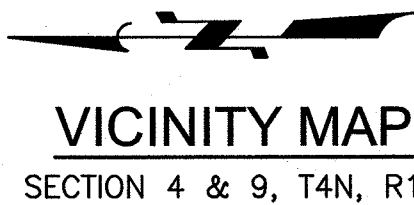
STATE OF ARIZONA: }
COUNTY OF MARICOPA: } SS

ON THIS _____ DAY OF _____, 2018, BEFORE ME, THE UNDERSIGNED NOTARY PUBLIC APPEARED JULIE E. COLLINS OF WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION, WHO ACKNOWLEDGED HERSELF TO BE THE SENIOR VICE PRESIDENT, AND THAT SHE EXECUTED THIS INSTRUMENT FOR THE PURPOSES HEREIN CONTAINED.

IN WITNESS WHEREOF, I HEREUNTO SET MY HAND AND OFFICIAL SEAL.

BY: _____ MY COMMISSION EXPIRES _____ DATE _____
NOTARY PUBLIC

FINAL PLAT
OF
RANCHO MERCADO PARCEL A19
A PORTION OF THE SOUTHEAST QUARTER OF SECTION 4, AND THE
NORTHEAST QUARTER OF SECTION 9, TOWNSHIP 4 NORTH, RANGE 1
WEST OF THE GILA AND SALT RIVER BASE AND MERIDIAN,
CITY OF SURPRISE, MARICOPA COUNTY, ARIZONA



OWNER/DEVELOPER

WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION.
8840 EAST CHAPARRAL ROAD, SUITE 200
SCOTTSDALE, ARIZONA 85250
PHONE NO: 480-850-3729
CONTACT: FIL LUNA

RELEASE OF LIABILITY

- WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION "OWNER" DOES HEREBY (1) RELEASE AND DISCHARGE THE "USAF" AND THE CITY OF SURPRISE, AND (2) INDEMNIFY, DEFEND, AND HOLD HARMLESS THE CITY OF SURPRISE, OF AND FROM ANY LIABILITY FOR ANY AND ALL CLAIMS FOR DAMAGES OF ANY KIND TO PERSONS OR PROPERTY THAT MAY ARISE AT ANY TIME IN THE FUTURE OVER, OR IN CONNECTION WITH AIRCRAFT OVERFLIGHTS FROM AIRCRAFT UTILIZING LUKE AIR FORCE BASE, WHETHER SUCH DAMAGE SHALL ORIGINATE FROM NOISE, VIBRATION, FUMES, DUST, FUEL AND LUBRICANT PARTICLES, THAT MAY BE CAUSED BY THE OPERATION OF AIRCRAFT LANDING AT, OR TAKING OFF FROM, OR OPERATING AT OR ON LUKE AIR FORCE BASE. THIS INSTRUMENT SHALL RUN WITH THE LAND AND BE BINDING UPON OWNER AND ITS HEIRS, ASSIGNS, AND SUCCESSORS IN INTEREST TO THIS PLAT OR ANY PARCEL OR LOT THEREOF. THIS INSTRUMENT DOES NOT RELEASE THE USAF FROM LIABILITY FOR DAMAGE OR INJURY TO PERSON OR PROPERTY CAUSED BY FALLING AIRCRAFT OR FALLING PHYSICAL OBJECTS FROM AIRCRAFT, EXCEPT AS STATED HEREIN WITH RESPECT TO NOISE, FUMES, DUST, FUEL, AND LUBRICANT PARTICLES.
- WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION "OWNER" DOES HEREBY (1) RELEASE AND DISCHARGE THE CITY OF SURPRISE, AND (2) INDEMNIFY, DEFEND, AND HOLD HARMLESS THE CITY OF SURPRISE, OF AND FROM ANY LIABILITY FOR ANY AND ALL CLAIMS FOR DAMAGES OF ANY KIND TO PERSONS OR PROPERTY THAT MAY ARISE AT ANY TIME IN THE FUTURE OVER, OR IN CONNECTION WITH THE AREAS LOCATED WITHIN THE NEWLY DEDICATED RIGHT-OF-WAY AS DEPICTED ON THIS PLAT UNTIL SUCH TIME THE RIGHT-OF-WAY IS IMPROVED TO CITY STANDARDS AND THOSE IMPROVEMENTS ARE APPROVED AND ACCEPTED BY THE CITY COUNCIL. THE MAINTENANCE OF THE AREA WITHIN ANY NEWLY DEDICATED RIGHT-OF-WAY AS SHOWN ON THIS PLAT SHALL BE THE RESPONSIBILITY OF THE ADJACENT OWNER/OR SUBSEQUENT ADJACENT OWNERS WITHIN THE BOUNDARY OF SAID PLAT UNTIL SUCH TIME THAT THE AREA WITHIN THE RIGHT-OF-WAY IS IMPROVED TO CITY STANDARD AND ACCEPTED BY THE CITY OF SURPRISE.
- WILLIAM LYON HOMES, INC., A CALIFORNIA CORPORATION "OWNER" HEREBY FURTHER AGREES TO INDEMNIFY, DEFEND, AND HOLD HARMLESS THE CITY OF SURPRISE FROM ANY AND ALL CLAIMS FOR DAMAGES OF ANY KIND TO PERSONS OR PROPERTY LOCATED WITHIN THE RIGHT OF WAY THAT MAY ARISE IN CONNECTION WITH THE USE OF THE SIDEWALKS LOCATED WITHIN THE RIGHT OF WAY, UNTIL SUCH TIME THE CITY OF SURPRISE HAS ACCEPTED THE SIDEWALKS.

PUBLIC NOTICE

THE LOTS DEPICTED ON THIS FINAL PLAT ARE LOCATED WITHIN THE VICINITY OF LUKE AIR FORCE BASE AND MAY BE SUBJECT TO OVERFLIGHTS BY JET AIRCRAFT. ALL STRUCTURES WITHIN THIS PLAT SHALL BE CONSTRUCTED IN COMPLIANCE WITH THE SOUND ATTENUATION STANDARDS ADOPTED BY THE CITY OF SURPRISE. A MAP DEPICTING THE MOST CURRENT ADOPTED MAG NOISE CONTOURS IN RELATION TO THIS PLAT SHALL BE DISPLAYED IN ALL SALES OFFICES. ADDITIONAL INFORMATION MAY BE OBTAINED BY CONTACTING THE CITY OF SURPRISE COMMUNITY DEVELOPMENT DEPARTMENT.

100 YEAR ASSURED WATER SUPPLY LANGUAGE

THE AREA PLATTED HEREON LIES WITHIN THE DOMESTIC WATER SERVICE AREA OF CITY OF SURPRISE, AWS NO. 2010-012, WHICH IS DESIGNATED AS HAVING AN ASSURED WATER SUPPLY PURSUANT A.R.S. § 45-576.

GENERAL NOTES

- IN ACCORDANCE WITH A.R.S. § 9-461.07, THE CITY OF SURPRISE HAS DETERMINED THAT ALL DEDICATIONS OCCURRING WITH THIS FINAL PLAT ARE IN CONFORMANCE WITH THE CITY OF SURPRISE GENERAL PLAN.
- PURSUANT TO A.R.S. § 42-11102, THE CITY OF SURPRISE, A POLITICAL SUBDIVISION OF THE STATE OF ARIZONA, IS EXEMPT FROM ALL TAXES AND ASSESSMENTS BASED ON ASSESSED VALUE EXCEPT FOR SPECIAL DISTRICTS #14751 AND #14710, WHEN APPLICABLE.
- NO ON-SITE GRADING OR EXCAVATION SHALL OCCUR WITHOUT FIRST OBTAINING A PERMIT FROM THE CITY OF SURPRISE.
- HAPPY VALLEY ROAD WILL BECOME A 6 LANE MAJOR ARTERIAL AT SOME FUTURE POINT.
- SPRINKLERS ARE REQUIRED IN ALL ONE AND TWO FAMILY DWELLINGS BUILT IN AREAS WHICH DO NOT HAVE AN ADEQUATE WATER SUPPLY OF 2000 GPM @ 2 HOURS @ 20 PSI RESIDUAL.
- THIS FINAL PLAT IS IN SUBSTANTIAL CONFORMANCE WITH THE PRELIMINARY PLAT APPROVED BY THE CITY OF SURPRISE UNDER CASE FS15-069.
- A PORTION OF THE PROPERTY IS LOCATED WITHIN THE AREA HAVING FLOOD ZONES "x", "a" AND "ae", BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, ON FLOOD INSURANCE RATE MAPS NO. 04013C1210L AND NO. 04013C1230L, WITH A DATE OF IDENTIFICATION OF OCTOBER 16, 2013, FOR COMMUNITY NO. 040053, IN MARICOPA COUNTY, STATE OF ARIZONA, WHICH IS THE CURRENT FLOOD INSURANCE RATE MAP FOR THE COMMUNITY IN WHICH SAID PROPERTY IS SITUATED, AS MAY BE AMENDED FROM TIME TO TIME.
- THE MAINTENANCE OF LANDSCAPING WITHIN THE OPEN SPACES, LANDSCAPED TRACTS, RETENTION BASINS AND PARKS SHALL BE THE RESPONSIBILITY OF THE OWNER OR THE ASSOCIATION FORMED BY THE OWNER.
- THE MAINTENANCE OF THE LANDSCAPING WITHIN THE ADJACENT PUBLIC RIGHTS-OF-WAY, INCLUDING LANDSCAPE MEDIANS WITHIN COLLECTORS AND LOCAL STREETS AND LANDSCAPE AREAS BETWEEN THE CURB AND THE DETACHED SIDEWALK, SHALL BE THE RESPONSIBILITY OF THE ADJACENT PROPERTY OWNER OR THE PROPERTY ASSOCIATION FORMED BY THE ADJACENT PROPERTY
- DEVELOPMENT STANDARDS ARE PER CITY OF SURPRISE CASE FS10-210 OR AS SUBSEQUENTLY AMENDED.

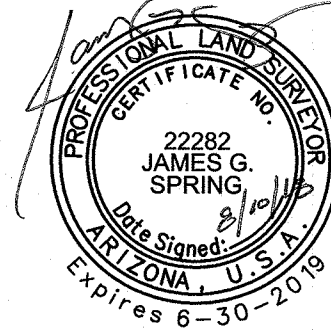
BASIS OF BEARING

THE WEST-EAST, MID-SECTION LINE OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, OF THE GILA AND SALT RIVER MERIDIAN WHICH BEARS S89°46'48"E A DISTANCE OF 5255.54' THIS POSITION WAS DERIVED FROM THE ESTABLISHED NOS POINTS DVO080 & AUB687 PROJECT THEN SCALED TO GROUND AT A COMBINED SCALE FACTOR OF 1.00013766895 AND VERIFIED AGAINST GDACS BOOK 834, PG 1. HORIZONTAL ERROR = (0.04') ANGLE ERROR = (0°00'01")

SURVEYOR'S CERTIFICATION

I, JAMES G. SPRING, PLS 22282, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR IN THE STATE OF ARIZONA; THAT THIS PLAT CONSISTING OF TEN SHEETS REPRESENTS A SURVEY PREPARED UNDER MY SUPERVISION DURING THE MONTH OF AUGUST, 2018; THAT THE SURVEY IS CORRECT AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE EXTERIOR BOUNDARY MONUMENTS ACTUALLY EXIST AS SHOWN AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

JAMES G. SPRING, PLS 22282
ATWELL, LLC
4700 EAST SOUTHERN AVENUE
MESA, ARIZONA 85206



NOTE:

A.R.S. § 32-151 STATES THAT THE USE OF THE WORD "CERTIFY" OR "CERTIFICATION" BY A PERSON OR FIRM THAT IS REGISTERED OR CERTIFIED BY THE BOARD IS AN EXPRESSION OF PROFESSIONAL OPINION REGARDING FACTS OR FINDINGS THAT ARE SUBJECT OF THE CERTIFICATION AND DOES NOT CONSTITUTE AN EXPRESS OR IMPLIED WARRANTY OR GUARANTEE.



COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

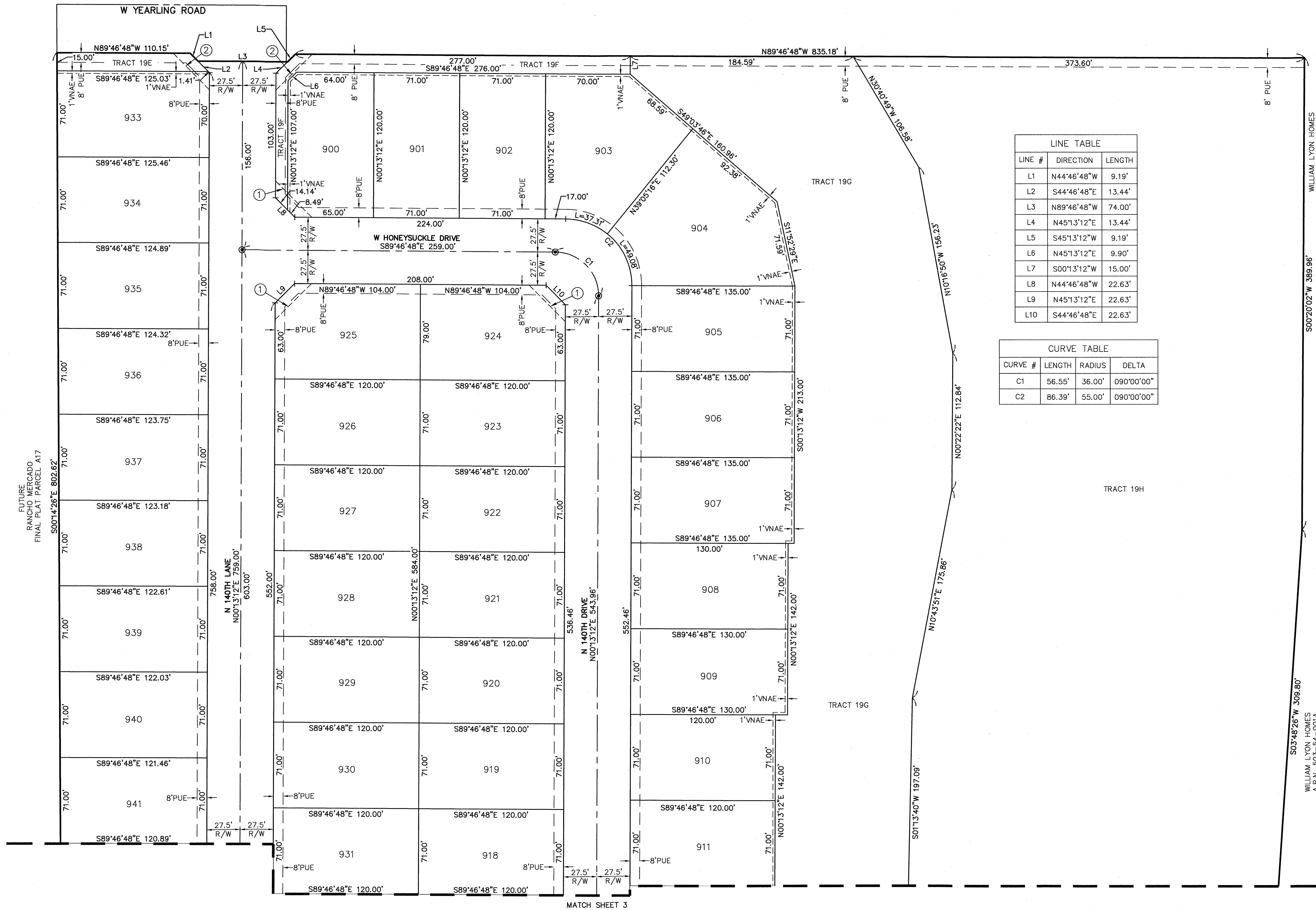
AUGUST 2018

REVISIONS:

PM.	J. SPRING
DR.	R. GILES
JOB NO.	09001944
	N.T.S.

09001944.FP.A19.DWG

SHEET
NO.
1 OF 10



LINE TABLE		
LINE #	DIRECTION	LENGTH
L1	N44°46'48"W	9.19'
L2	S44°46'48"E	13.44'
L3	N89°46'48"W	74.00'
L4	N45°13'12"E	13.44'
L5	S45°13'12"W	9.19'
L6	N45°13'12"E	9.90'
L7	S00°13'12"W	15.00'
L8	N44°46'48"W	22.63'
L9	N45°13'12"E	22.63'
L10	S44°46'48"E	22.63'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C1	56.55'	36.00'	090°00'00"
C2	86.39'	55.00'	090°00'00"

LOT TABLE\WIDTH BASED ON FBSL				LOT TABLE\WIDTH BASED ON FBSL				LOT TABLE\WIDTH BASED ON FBSL				LOT TABLE\WIDTH BASED ON FBSL			
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
900	8477	0.195	71.0'	909	9230	0.212	71.0'	924	9352	0.215	71.0'	934	8887	0.204	71.0'
901	8520	0.196	71.0'	910	8520	0.196	71.0'	925	9352	0.215	71.0'	935	8847	0.203	71.0'
902	8520	0.196	71.0'	911	8520	0.196	71.0'	926	8520	0.196	71.0'	936	8806	0.202	71.0'
903	11386	0.261	62.5'	918	8520	0.196	71.0'	927	8520	0.196	71.0'	937	8766	0.201	71.0'
904	13023	0.299	59.8'	919	8520	0.196	71.0'	928	8520	0.196	71.0'	938	8725	0.200	71.0'
905	9585	0.220	71.0'	920	8520	0.196	71.0'	929	8520	0.196	71.0'	939	8685	0.199	71.0'
906	9585	0.220	71.0'	921	8520	0.196	71.0'	930	8520	0.196	71.0'	940	8644	0.198	71.0'
907	9585	0.220	71.0'	922	8520	0.196	71.0'	931	8520	0.196	71.0'	941	8604	0.198	71.0'
908	9230	0.212	71.0'	923	8520	0.196	71.0'	933	8927	0.205	71.0'				

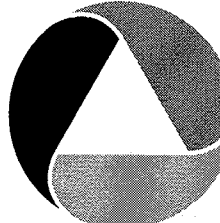


COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS:



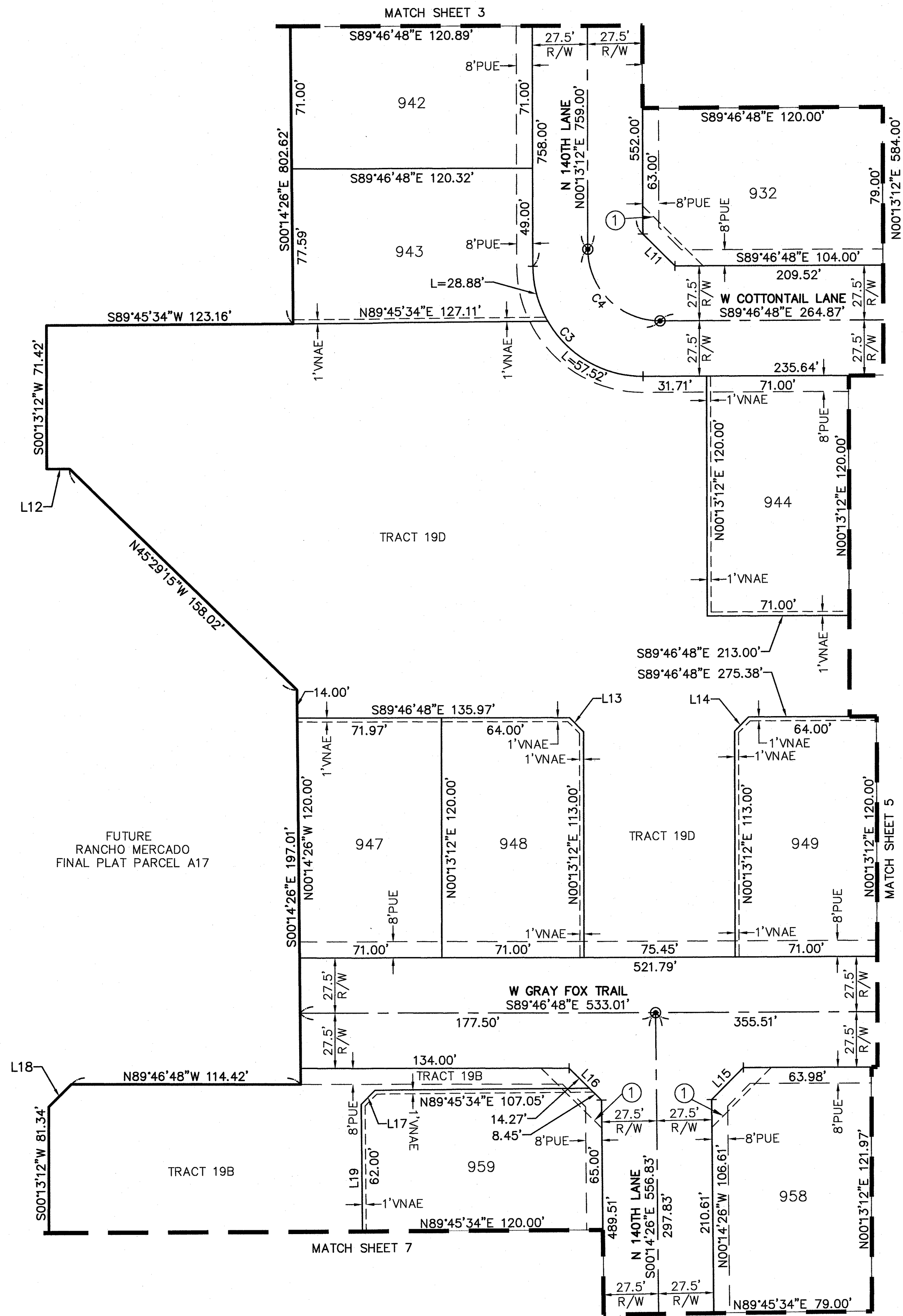
PM. J. SPRING
DR. R. GILES
JOB NO. 09001944

SCALE 0 20 50
1" = 40 FEET

09001944.FP.A19.DWG

SHEET NO.

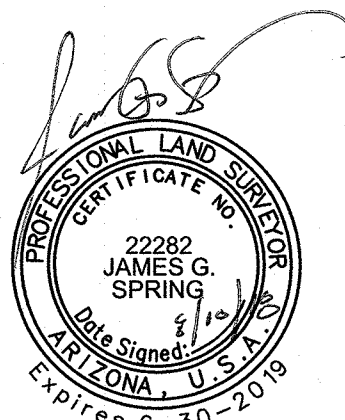
3 OF 10



LOT TABLE\WIDTH BASED ON FBSL			
LOT	AREA SQ. FT.	AREA ACRES	WIDTH
932	9352	0.215	75.0'
942	8563	0.197	71.0'
943	9320	0.214	76.7'
944	8520	0.196	71.0'
947	8578	0.197	71.0'
948	8496	0.195	71.0'
949	8495	0.195	71.0'
958	9593	0.220	75.9'
959	8478	0.195	71.0'

LINE TABLE		
LINE #	DIRECTION	LENGTH
L11	N44°46'48\"W	22.63'
L12	S89°46'48\"E	11.51'
L13	S44°46'48\"E	9.90'
L14	N45°13'12\"E	9.90'
L15	N44°59'23\"E	22.54'
L16	S45°00'37\"E	22.72'
L17	N44°45'34\"E	9.90'
L18	S45°13'12\"W	16.00'
L19	N00°14'26\"W	561.00'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C3	86.39'	55.00'	090°00'00\"
C4	56.55'	36.00'	090°00'00\"

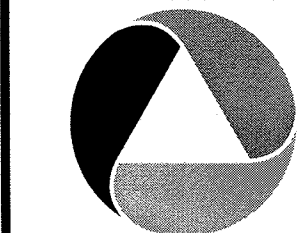


COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS:

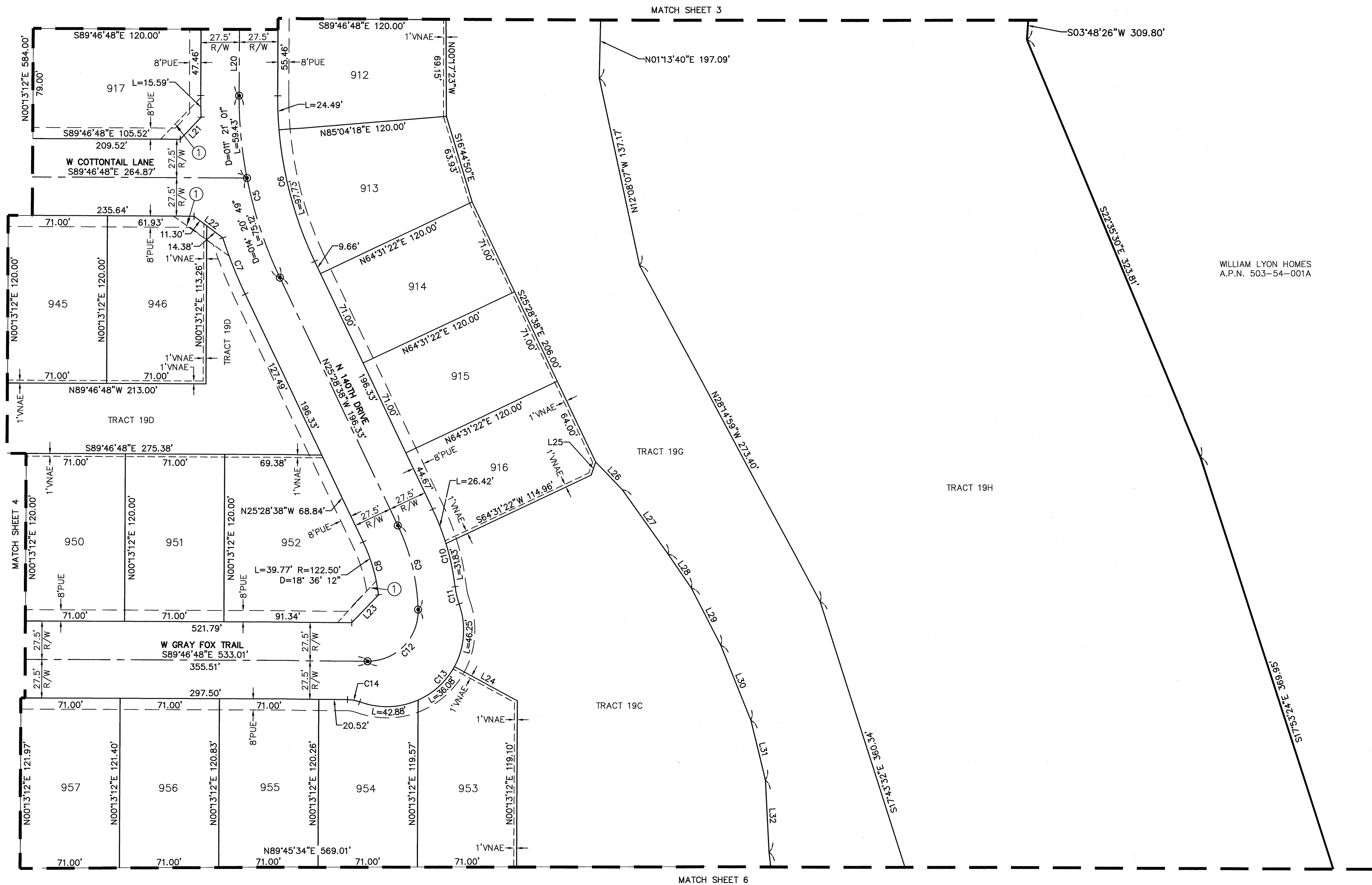


PM. J. SPRING
DR. R. GILES
JOB NO.
09001944

SCALE 0 20 40
1\" = 40 FEET

09001944.FP.A19.DWG

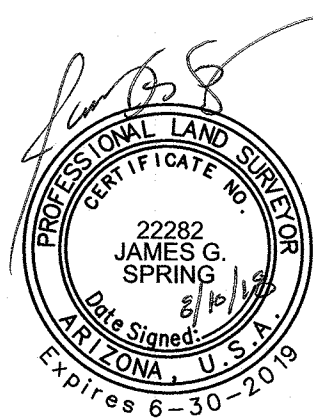
SHEET NO.
4 OF 10



LOT TABLE\WIDTH BASED ON FBSL				
LOT	AREA SQ FT	AREA ACRES	WIDTH	
912	8965	0.206	78.9'	
913	10440	0.240	103.1'	
914	8520	0.196	71.0'	
915	8520	0.196	71.0'	
916	8513	0.195	71.1'	
917	9369	0.215	76.3'	
945	8520	0.196	71.0'	
946	8489	0.195	71.0'	
950	8520	0.196	71.0'	
951	8520	0.196	71.0'	
952	11269	0.259	102.8'	
953	9261	0.213	71.0'	
954	8363	0.192	72.0'	
955	8559	0.196	71.0'	
956	8599	0.197	71.0'	
957	8640	0.198	71.0'	

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L20	N00°13'12"E	543.96'	L27	N35°18'21"W	56.76'
L21	S43°09'24"W	21.80'	L28	N34°18'27"W	29.45'
L22	S53°08'28"E	25.68'	L29	N27°13'57"W	45.92'
L23	S43°52'35"W	27.61'	L30	N21°56'44"W	57.92'
L24	S61°40'20"E	51.16'	L31	N13°34'57"W	44.23'
L25	S19°31'22"W	9.90'	L32	N02°55'56"W	51.48'
L26	N43°58'12"W	27.42'			

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C5	134.55'	300.00'	025°41'50"
C6	122.22'	272.50'	025°41'50"
C7	43.30'	327.50'	007°34'32"
C8	39.77'	122.50'	018°36'13"
C9	62.47'	150.00'	023°51'45"
C10	58.26'	177.50'	018°48'20"
C11	12.65'	55.00'	013°10'42"
C12	57.70'	36.00'	091°50'05"
C13	125.21'	55.00'	130°26'03"
C14	8.89'	25.00'	020°21'51"

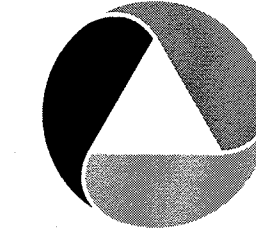


COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS:



PM. J. SPRING

DR. R. GILES

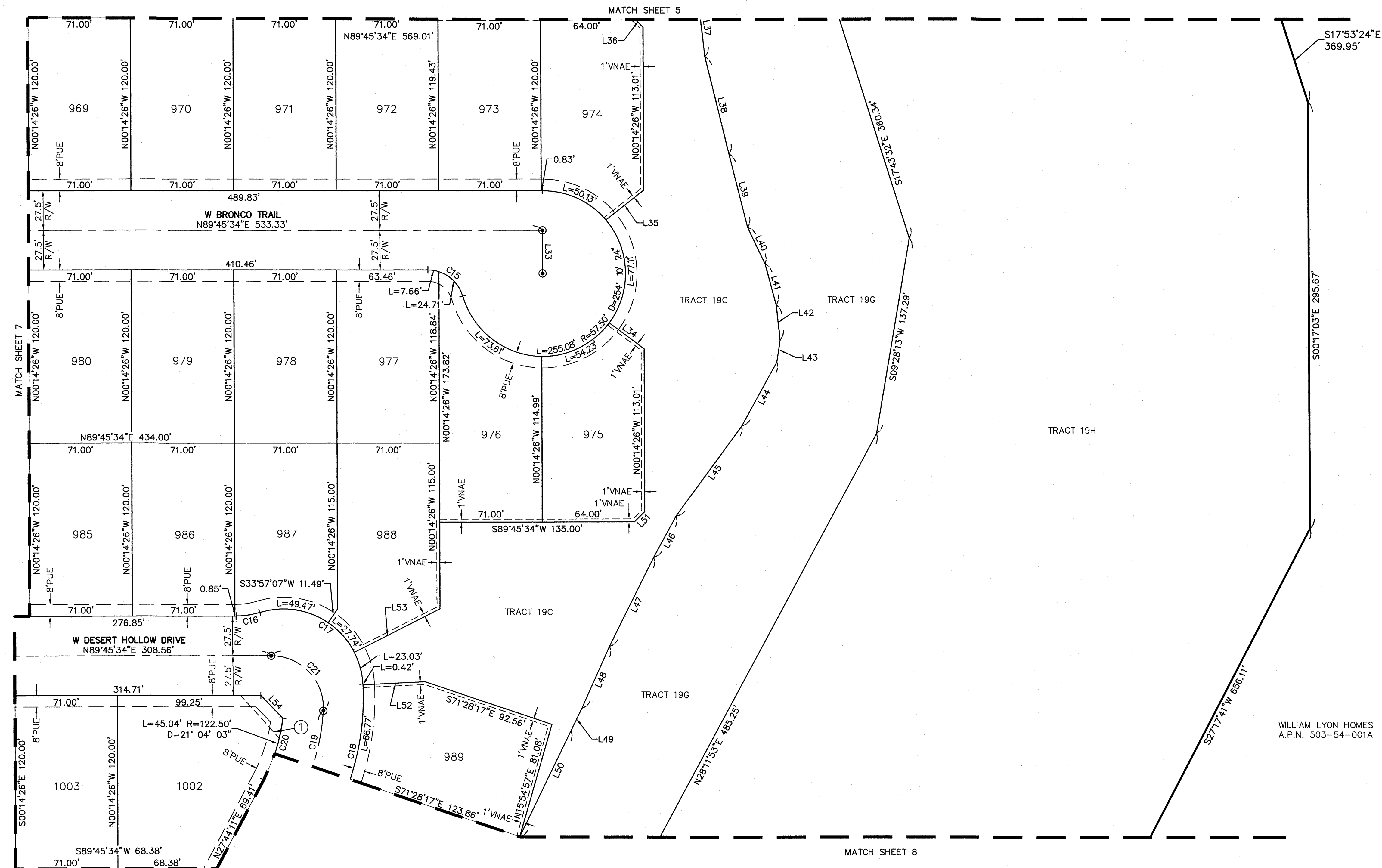
JOB NO.
09001944

SCALE 0 20 40
1" = 40 FEET

09001944 FP AIRDING

SHEET NO.

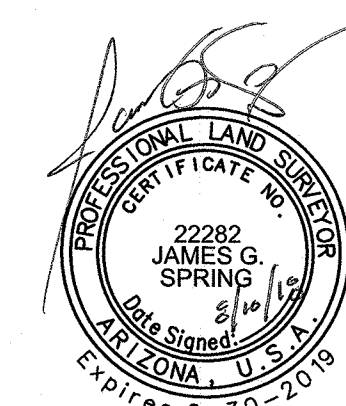
5 OF 10



LOT TABLE\WIDTH BASED ON FBSL				LOT TABLE\WIDTH BASED ON FBSL			
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
969	8520	0.196	71.0'	979	8520	0.196	71.0'
970	8520	0.196	71.0'	980	8520	0.196	71.0'
971	8520	0.196	71.0'	985	8520	0.196	71.0'
972	8520	0.196	71.0'	986	8520	0.196	71.0'
973	8520	0.196	71.0'	987	8376	0.192	71.0'
974	9039	0.208	71.0'	988	9355	0.215	71.0'
975	8798	0.202	71.0'	989	10029	0.230	71.3'
976	9650	0.222	71.0'	1002	11557	0.265	110.6'
977	8517	0.196	71.0'	1003	8520	0.196	71.0'
978	8520	0.196	71.0'				

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L33	S00°14'26"E	30.00'	L44	S28°44'47"W	50.47'
L34	S53°26'58"E	30.12'	L45	S36°03'06"W	77.46'
L35	S51°40'39"W	33.23'	L46	S28°23'32"W	32.61'
L36	N45°14'26"W	9.90'	L47	S26°23'37"W	68.87'
L37	N06°42'47"W	38.17'	L48	S23°53'13"W	47.23'
L38	S13°54'53"E	69.42'	L49	S25°44'21"W	17.23'
L39	S14°21'28"E	52.60'	L50	S25°44'21"W	81.65'
L40	S25°33'20"E	28.06'	L51	S44°45'33"W	9.90'
L41	S15°11'21"E	29.38'	L52	N86°59'19"E	43.02'
L42	S06°16'32"E	24.54'	L53	S62°51°00"W	66.53'
L43	S08°13°14"W	15.31'	L54	S43°39'29"E	21.99'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C15	32.36'	25.00'	074°10'24"
C16	16.65'	55.00'	017°20'29"
C17	100.24'	55.00'	104°25'20"
C18	95.72'	177.50'	030°53'47"
C19	63.68'	150.00'	024°19'31"
C20	45.04'	122.50'	021°04'04"
C21	58.84'	36.00'	093°39'07"



COUNTY: MARICOPA

SECTION: 4 & 9

TOWNSHIP: 4 NORTH

RANGE: 1 WEST

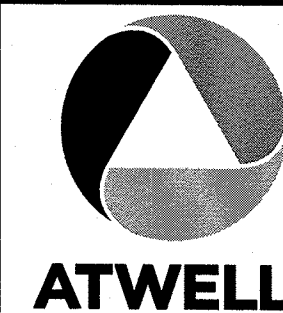
FINAL PLAT

RANCHO MERCADO

CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS:



PM. J. SPRING

DR.	R. GILES
-----	----------

DR.	R. GILES
	JOB NO.

JOB NO.
09001944

05001944

SCALE 0 20

1" = 40 ft

 $\Gamma = 40 \text{ FE}$

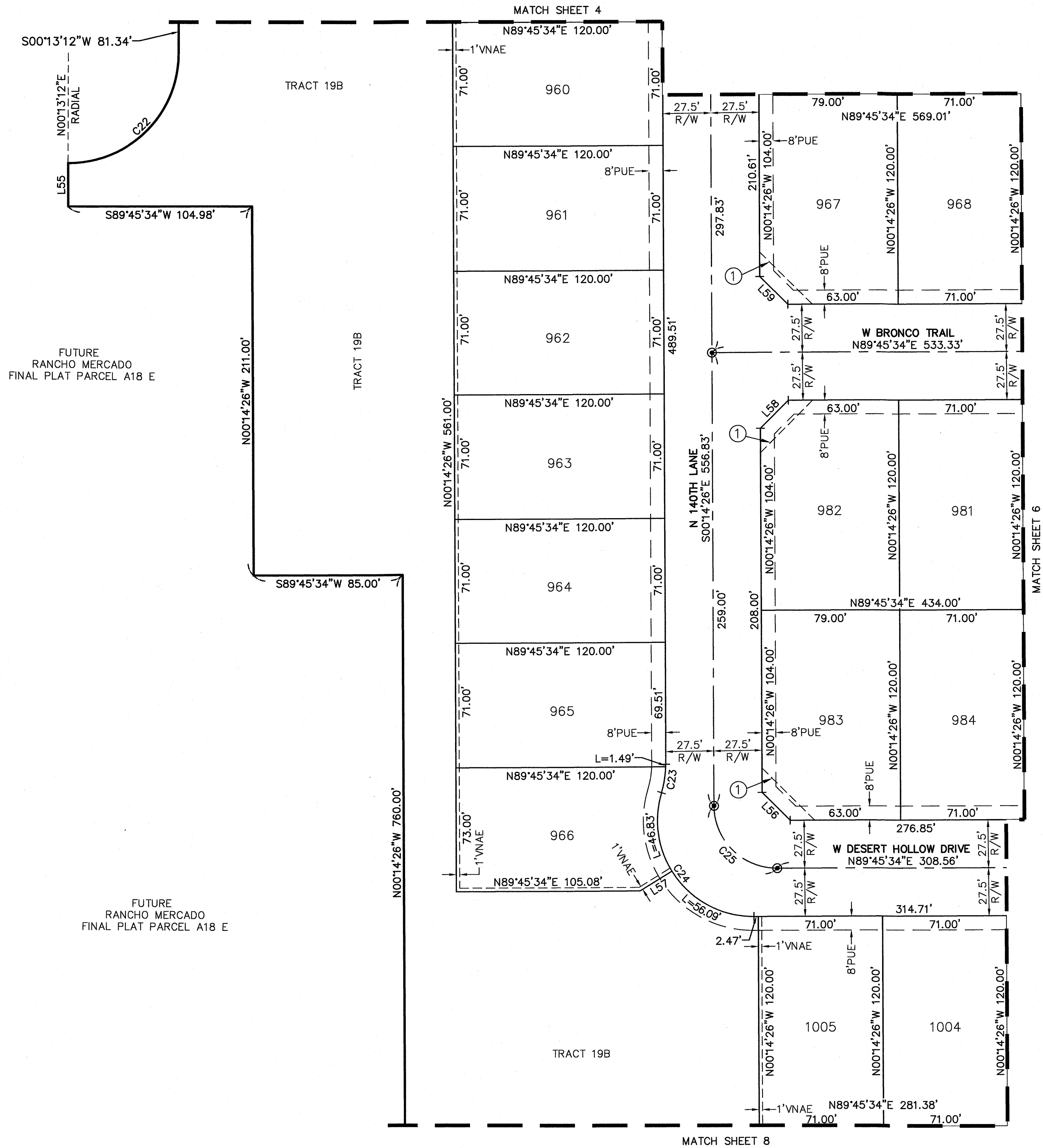
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09001944 FP A19.DWG

SHEET
NO.

NO. 6 OF 10

6 OF 10

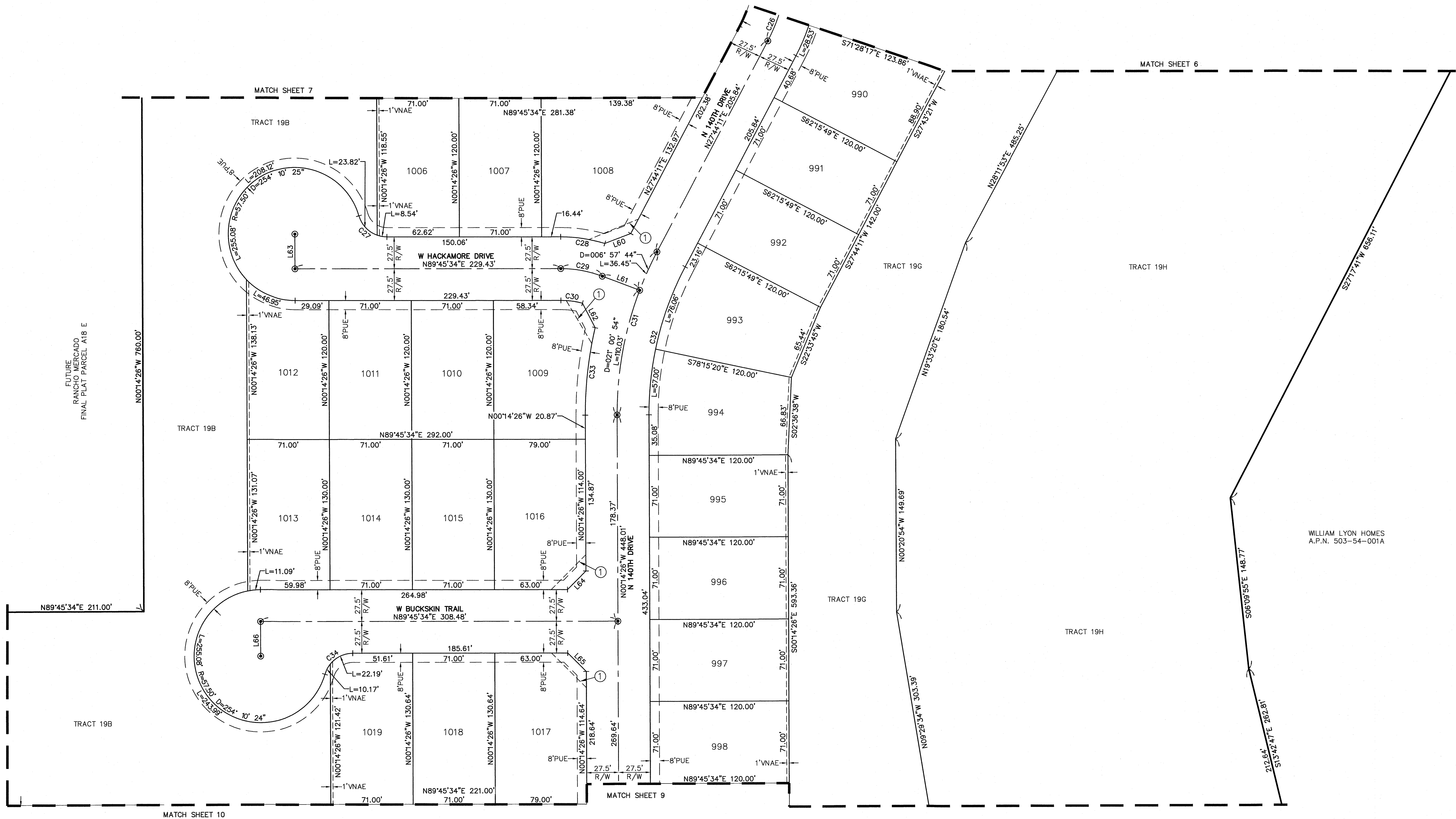


LOT TABLE\WIDTH BASED ON FBLS				
LOT	AREA SQ FT	AREA ACRES	WIDTH	
960	8520	0.196	71.0'	
961	8520	0.196	71.0'	
962	8520	0.196	71.0'	
963	8520	0.196	71.0'	
964	8520	0.196	71.0'	
965	8520	0.196	71.0'	
966	8308	0.191	69.2'	
967	9352	0.215	75.0'	
968	8520	0.196	71.0'	
981	8520	0.196	71.0'	
982	9352	0.215	75.0'	
983	9352	0.215	75.0'	
984	8520	0.196	71.0'	
1004	8520	0.196	71.0'	
1005	8520	0.196	71.0'	

LINE TABLE		
LINE #	DIRECTION	LENGTH
L55	N00°14'26"W	24.77'
L56	N45°14'26"W	22.63'
L57	N58°11'12"E	21.29'
L58	N44°45'34"E	22.63'
L59	N45°14'26"W	22.63'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C22	98.96'	63.00'	090°00'00"
C23	16.52'	55.00'	017°12'35"
C24	102.91'	55.00'	107°12'35"
C25	56.55'	36.00'	090°00'00"

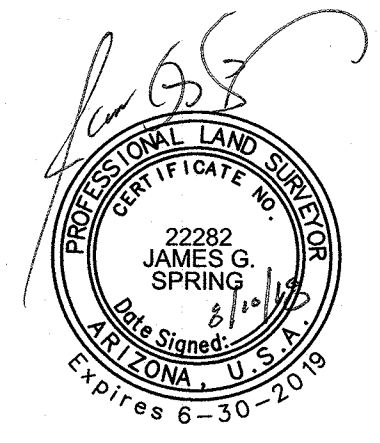




LOT TABLE\WIDTH BASED ON FBSL				LOT TABLE\WIDTH BASED ON FBSL			
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
990	9522	0.219	69.2'	1009	9752	0.224	81.8'
991	8520	0.196	71.0'	1010	8520	0.196	71.0'
992	8520	0.196	71.0'	1011	8520	0.196	71.0'
993	10007	0.230	99.2'	1012	8755	0.201	71.0'
994	9620	0.221	82.1'	1013	9234	0.212	71.0'
995	8520	0.196	71.0'	1014	9230	0.212	71.0'
996	8520	0.196	71.0'	1015	9230	0.212	71.0'
997	8520	0.196	71.0'	1016	10142	0.233	75.0'
998	8520	0.196	71.0'	1017	10192	0.234	75.0'
1006	8516	0.196	71.0'	1018	9275	0.213	71.0'
1007	8520	0.196	71.0'	1019	9221	0.212	71.0'
1008	13012	0.299	82.0'				

LINE TABLE		
LINE #	DIRECTION	LENGTH
L60	S69°14'35"W	23.96'
L61	S69°13'32"E	34.55'
L62	S27°16'37"E	23.87'
L63	N00°14'26"W	30.00'
L64	S44°45'34"W	22.63'
L65	S45°14'26"E	22.63'
L66	S00°14'26"E	30.00'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C26	63.68'	150.00'	024°19'31"
C27	32.36'	25.00'	074°10'24"
C28	38.70'	127.50'	017°23'35"
C29	36.68'	100.00'	021°00'54"
C30	18.82'	72.50'	014°52'35"
C31	146.49'	300.00'	027°58'38"
C32	133.06'	272.50'	027°58'38"
C33	76.11'	327.50'	013°18'58"
C34	32.36'	25.00'	074°10'23"

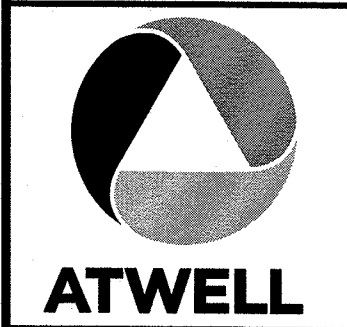


COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

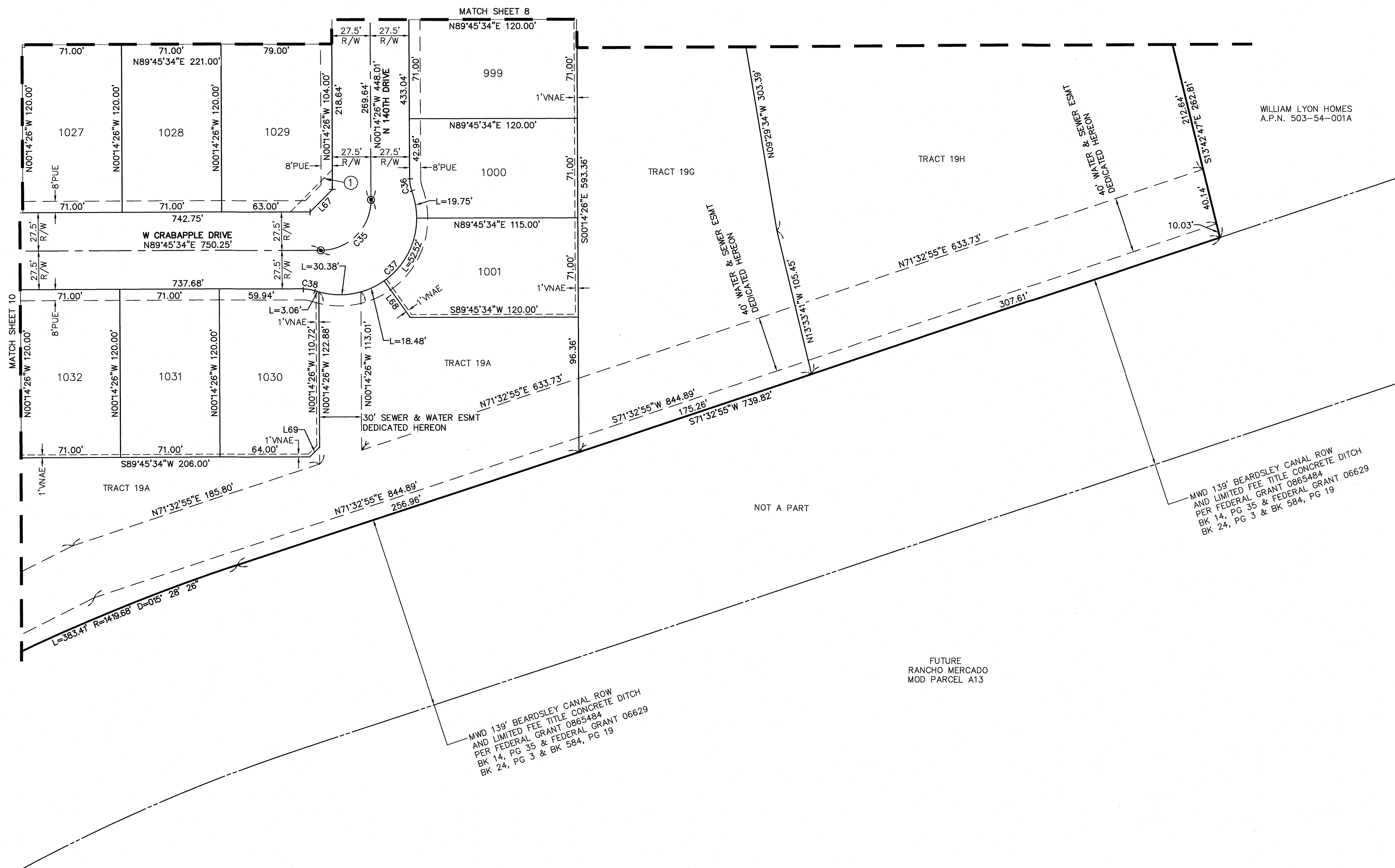
REVISIONS:



PM. J. SPRING
DR. R. GILES
JOB NO. 09001944

SCALE 0 20 50
1" = 40 FEET

09001944 FP A19.DWG



LOT TABLE\WIDTH BASED ON FBSL			
LOT	AREA SQ FT	AREA ACRES	WIDTH
999	8520	0.196	71.0'
1000	8440	0.194	71.0'
1001	8851	0.203	71.0'
1027	8520	0.196	71.0'
1028	8520	0.196	71.0'
1029	9352	0.215	75.0'
1030	8486	0.195	71.0'
1031	8520	0.196	71.0'
1032	8520	0.196	71.0'

LINE TABLE		
LINE #	DIRECTION	LENGTH
L67	S44°45'34"W	22.63'
L68	N35°19'02"W	32.01'
L69	S44°45'34"W	9.90'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C35	56.55'	36.00'	090°00'00"
C36	8.89'	25.00'	020°21'51"
C37	124.19'	55.00'	129°22'33"
C38	8.30'	25.00'	019°00'42"



COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS:

ATWELL
PM. J. SPRING
DR. R. GILES
JOB NO. 09001944
SCALE 0 20 40
1" = 40 FEET
09001944 FP A19.DWG
SHEET NO. 9 OF 10

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LOT TABLE\WIDTH BASED ON FBSL				LOT TABLE\WIDTH BASED ON FBSL			
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
1020	8473	0.195	71.0'	1033	8495	0.195	71.0'
1021	8520	0.196	71.0'	1034	8495	0.195	71.0'
1022	8520	0.196	71.0'	1035	8520	0.196	71.0'
1023	8520	0.196	71.0'	1036	8520	0.196	71.0'
1024	8520	0.196	71.0'	1037	8520	0.196	71.0'
1025	8495	0.195	71.0'	1038	8520	0.196	71.0'
1026	8495	0.195	71.0'	1039	8496	0.195	71.0'

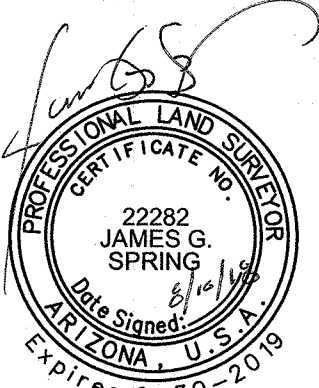
LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L70	N44°45'34"E	9.90'	L80	S19°16'39"E	1.37'
L71	S45°14'26"E	9.90'	L81	N48°16'12"E	22.56'
L72	N44°45'34"E	9.90'	L82	N00°14'27"W	54.50'
L73	S00°14'26"E	39.36'	L83	N89°45'34"E	27.50'
L74	N43°56'57"W	11.57'	L84	N43°56'57"W	11.57'
L75	S89°45'34"W	62.99'	L85	N45°14'26"W	9.90'
L76	S00°14'26"E	54.50'	L86	S39°20'59"W	40.21'
L77	N68°50'58"E	21.20'	L87	S39°20'59"W	31.76'
L78	S60°55'43"E	89.79'	L88	S44°45'34"W	9.90'
L79	S26°38'52"W	61.71'	L89	N45°14'26"W	9.90'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C34	97.23'	122.50'	045°28'39"
C35	119.06'	150.00'	045°28'39"
C36	140.89'	177.50'	045°28'39"
C37	81.34'	122.50'	038°02'40"
C38	119.06'	150.00'	045°28'39"
C39	124.88'	177.50'	040°18'40"
C40	78.38'	222.50'	020°10'59"
C41	957.15'	1400.00'	039°10'19"
C42	80.05'	277.50'	016°31'38"
C43	108.87'	250.00'	024°57'07"

RANCHO MERCADO
FINAL PLAT
PARCEL A12
BK 1371, PG 50

WMD 139' BEARDSLEY CANAL ROW
AND LIMITED FEE TITLE CONCRETE
PER FEDERAL GRANT 0665484
BK 14, PG 55 & FEDERAL GRANT 06629
BK 24, PG 3 & BK 584, PG 19

FUTURE
RANCHO MERCADO
MOD PARCEL A13

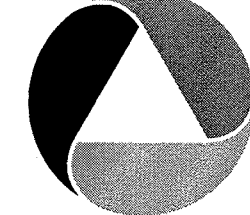


COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS:



PM. J. SPRING
DR. R. GILES
JOB NO.
09001944

SCALE 0 20 50
1" = 40 FEET

09001944 FP A19.DWG

SHEET NO.
10 OF 10



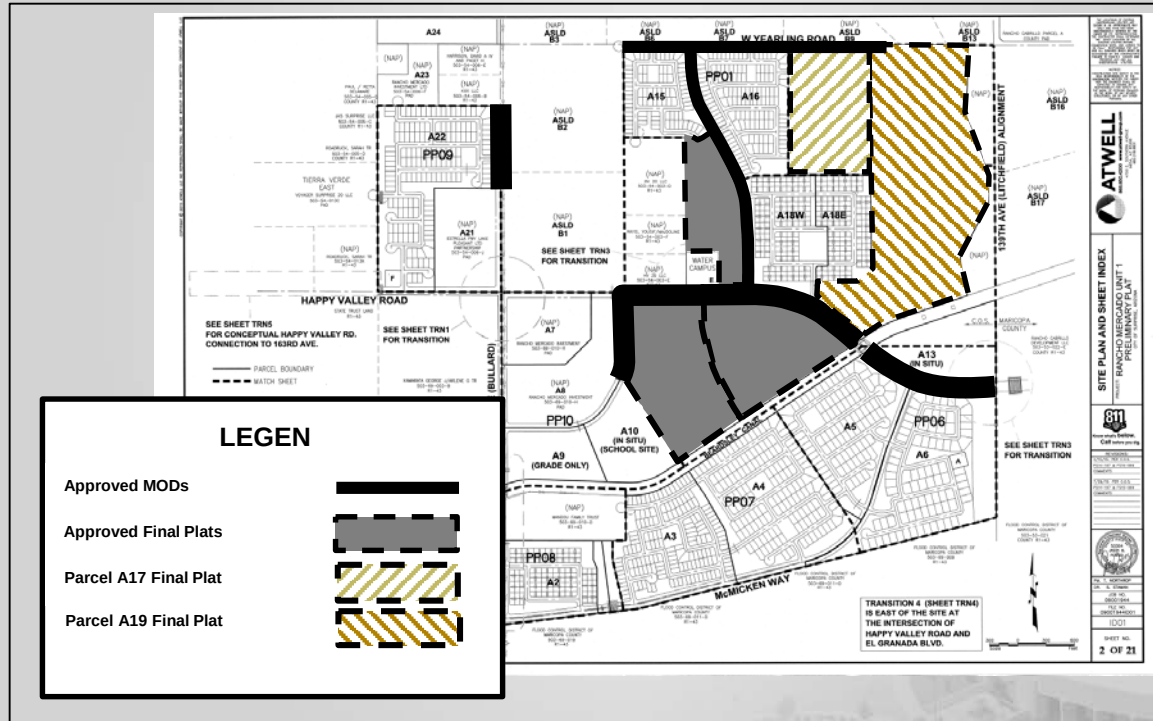
Rancho Mercado

FS17-546 Parcel A17 Final Plat
FS18-093 Parcel A19 Final Plat

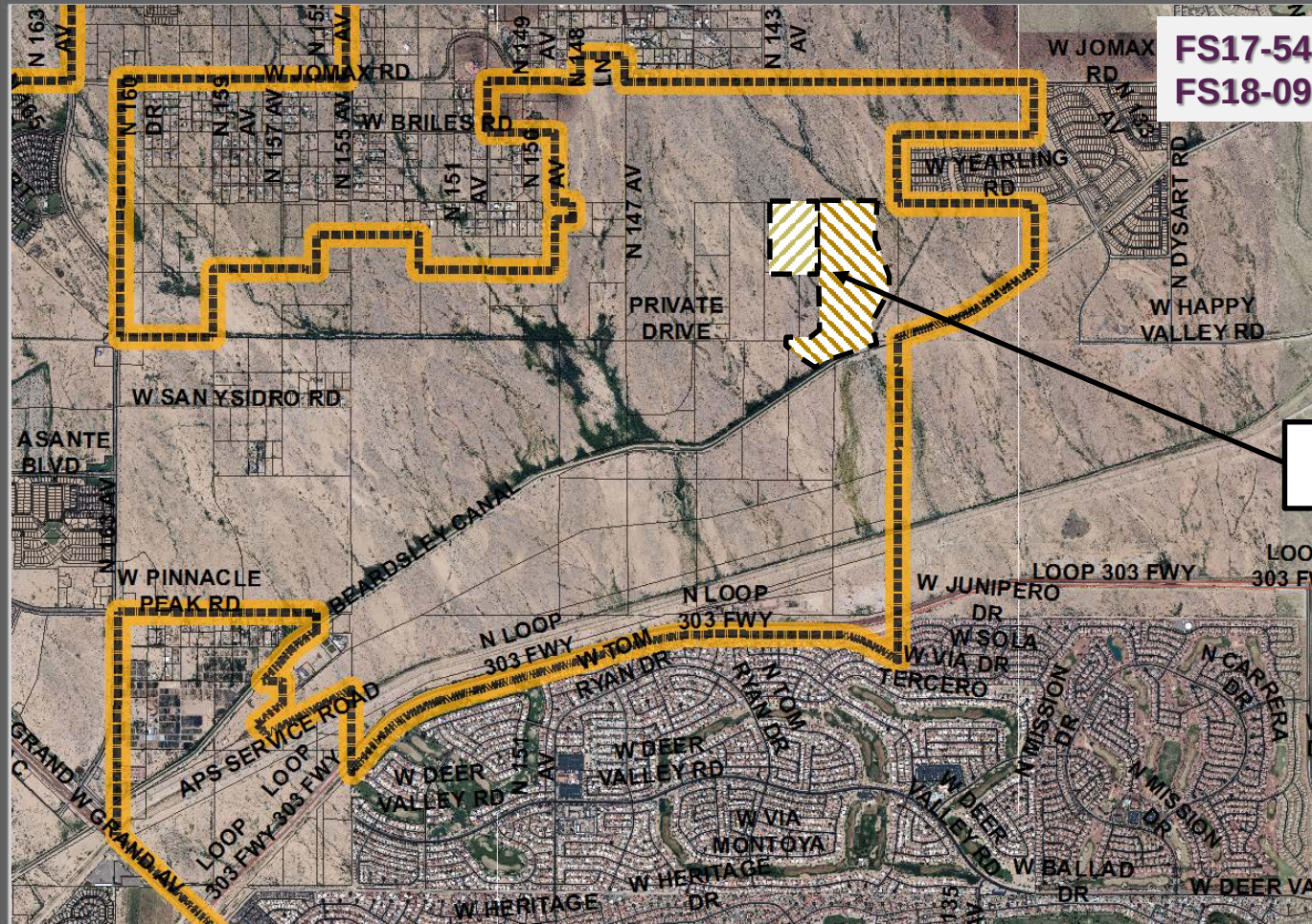
City Council
November 6, 2018

FS17-546 Parcel A17 Final Plat FS18-093 Parcel A19 Final Plat

Vicinity Map



FS17-546 Parcel A17 Final Plat
FS18-093 Parcel A19 Final Plat



Subject Site

Case Map



North

1 Mile

A PORTION OF THE SOUTH HALF OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, OF THE GLA AND SALT RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A FOUND 2" MARICOPA COUNTY ALUMINUM CAP STAMPED RLS 35352; ACCEPTED AS THE WEST QUARTER CORNER OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, FROM WHICH A FOUND 3" MARICOPA COUNTY ALUMINUM CAP STAMPED RLS 35352, ACCEPTED AS THE EAST QUARTER CORNER OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, THEREOF BEARS S89°46'48"E A DISTANCE OF 5255.54';

THENCE, ALONG THE WEST-EAST-MID-SECTION LINE OF SAID SECTION 4, S89°46'48"E A DISTANCE OF 3072.82 FEET;

THENCE, N00°13'12"E A DISTANCE OF 190.00 FEET;
THENCE, N00°13'12"E A DISTANCE OF 190.00 FEET;
THENCE, N38°08'10"W A DISTANCE OF 7.14 FEET TO THE BEGINNING OF A
NON-TANGENT CURVE CORICAVE TO THE LEFT);
THENCE, NORTHEASTERLY ALONG SAID CURVE AN ARC LENGTH OF 32.72
FEET, WITH A RADIUS OF 63.00 FEET AND THE RADIAL BEARING OF
N38°08'10"W AND A CENTRAL ANGLE OF 29°45'42";
THENCE, S67°53'32"E A DISTANCE OF 98.65 FEET;
THENCE, N00°13'12"E A DISTANCE OF 420.25 FEET TO THE POINT OF
BEGINNING.

DEVELOPMENT STANDARDS ARE PER CITY OF SURPRISE
ZONING CASE F310-210 OR AS SUBSEQUENTLY AMENDED.



LINE TABLE		
LINE #	DIRECTION	LENGTH
L1	S00°31'27"W	40.00'
L2	S44°46'48"E	8.19'
L3	S89°46'48"E	7.48'
L4	N45°31'27"E	9.19'
L5	S89°45'34"W	123.16'
L6	S00°31'27"W	71.42'
L7	S89°46'48"E	11.51'
L8	S45°29'15"E	158.02'
L9	N89°46'48"E	114.42'
L10	S49°31'27"W	18.00'
L11	S00°31'27"W	81.34'
L12	S00°42'26"E	24.77'
L13	N44°46'48"E	18.00'
L14	N89°46'48"E	95.69'
L15	N89°46'48"E	92.83'
L16	N00°31'27"E	10.00'
L17	N38°34'34"E	7.14'
L18	N38°08'10"W	7.14'
L19	S67°33'52"E	98.65'
L20	S90°33'52"E	100.48'

CURVE #	LENGTH	RADIUS	DELTA
C1	98.96'	63.00'	090°00'
C2	14.23'	47.00'	017°20'
C3	75.85'	63.00'	068°56'

TRACT		PARCEL TABLE	
TRACT	AREA SQ FT	AREA ACRES	USAGE
TRACT 17A	73174	1.680	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE
TRACT 17B	8324	0.214	OPEN SPACE, DRAINAGE AND PUE
TRACT 17C	31028	0.712	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE
TRACT 17D	23486	0.539	OPEN SPACE, DRAINAGE, RECREATION AND PUE
TRACT 17E	25672	0.589	OPEN SPACE, DRAINAGE, RECREATION AND PUE
TRACT 17F	9850	0.226	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE
TOTAL	172534	3.961	



ATWELL
866.850.4300 www.atwell-group.com
4300 N. 30th STREET, ALPHARETTA, GA 30201

FINAL PLAT	COUNTY: MARICOPA
ANCHO MERCADO	SECTION: 4
PARCEL A17	TOWNSHIP: 4 NORTH

JANUARY 2018

REVISIONS:

ATWELL

SCALE 0 50

ORDERED BY: 6/2/2005

2 OF 4

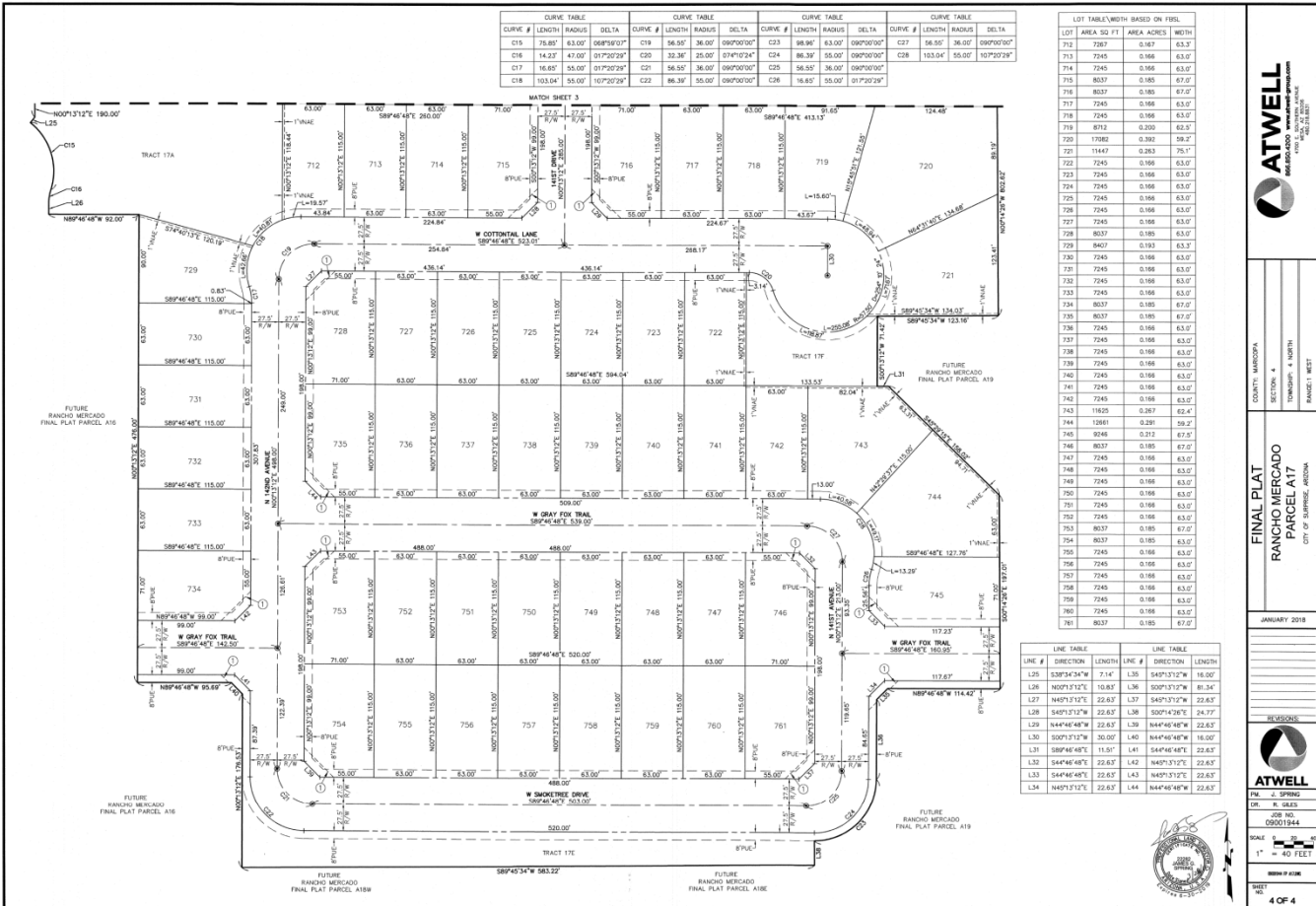
3 OF 4

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C1	103.04'	55.00'	10°20'23"
C2	56.55'	36.00'	09°00'00"
C3	16.65'	55.00'	01°20'29"
C4	56.55'	36.00'	09°00'00"
C5	16.65'	55.00'	01°20'29"
C6	103.04'	55.00'	10°20'23"
C7	15.04'	56.37'	01°51'22"
C8	103.04'	55.00'	10°20'23"
C9	56.55'	36.00'	09°00'00"
C10	56.55'	36.00'	09°00'00"
C11	103.04'	55.00'	10°20'23"
C12	16.65'	55.00'	01°20'29"
C13	61.09'	700.00'	09°00'00"
C14	32.72'	63.00'	02°29'45"

[illegible]

FS17-546 Parcel A17 Final Plat

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CURVE TABLE				CURVE TABLE				CURVE TABLE				CURVE TABLE				CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA	CURVE #	LENGTH	RADIUS	DELTA	CURVE #	LENGTH	RADIUS	DELTA	CURVE #	LENGTH	RADIUS	DELTA	CURVE #	LENGTH	RADIUS	DELTA
C15	75.85'	63.00'	88°59'00"	C19	56.55'	36.00'	88°59'00"	C23	98.94'	63.00'	88°59'00"	C27	56.55'	36.00'	88°59'00"	C31	103.04'	55.00'	107°20'29"
C16	14.25'	47.00'	91°20'29"	C20	32.34'	25.00'	91°40'24"	C24	86.39'	55.00'	88°59'00"	C28	103.04'	55.00'	107°20'29"	C32	16.85'	25.00'	91°20'29"
C17	16.85'	55.00'	91°20'29"	C21	56.55'	36.00'	88°59'00"	C25	56.55'	36.00'	88°59'00"	C29	103.04'	55.00'	107°20'29"	C33	16.85'	25.00'	91°20'29"
C18	103.04'	55.00'	107°20'29"	C22	86.39'	55.00'	88°59'00"	C26	16.85'	25.00'	91°20'29"	C30	103.04'	55.00'	107°20'29"	C34	16.85'	25.00'	91°20'29"

LOT TABLE (WIDTH BASED ON FUEL)			
LOT #	AREA SQ. FT.	AREA ACRES	WIDTH
702	7987	0.187	63.3'
713	7245	0.166	63.0'
714	7245	0.166	63.0'
715	8037	0.185	67.0'
716	8037	0.185	67.0'
717	7245	0.166	63.0'
718	7245	0.166	63.0'
719	8712	0.200	62.3'
720	17982	0.350	98.7'
721	11447	0.263	75.1'
722	7245	0.166	63.0'
723	7245	0.166	63.0'
724	7245	0.166	63.0'
725	7245	0.166	63.0'
726	7245	0.166	63.0'
727	7245	0.166	63.0'
728	8037	0.185	63.0'
729	8407	0.193	63.3'
730	7245	0.166	63.0'
731	7245	0.166	63.0'
732	7245	0.166	63.0'
733	7245	0.166	63.0'
734	8037	0.185	67.0'
735	8037	0.185	67.0'
736	7245	0.166	63.0'
737	7245	0.166	63.0'
738	7245	0.166	63.0'
739	7245	0.166	63.0'
740	7245	0.166	63.0'
741	7245	0.166	63.0'
742	7245	0.166	63.0'
743	11925	0.267	82.4'
744	15801	0.359	98.2'
745	9246	0.212	67.3'
746	8037	0.185	67.0'
747	7245	0.166	63.0'
748	7245	0.166	63.0'
749	7245	0.166	63.0'
750	7245	0.166	63.0'
751	7245	0.166	63.0'
752	7245	0.166	63.0'
753	8037	0.185	67.0'
754	8037	0.185	67.0'
755	7245	0.166	63.0'
756	7245	0.166	63.0'
757	7245	0.166	63.0'
758	7245	0.166	63.0'
759	7245	0.166	63.0'
760	7245	0.166	63.0'
761	8037	0.185	67.0'

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L25	S38°34'34"W	7.14'	L35	S45°13'12"W	16.00'
L26	N00°13'12"E	10.83'	L36	S00°13'12"W	81.34'
L27	N45°13'12"E	22.63'	L37	S45°13'12"W	22.63'
L28	S45°13'12"W	22.63'	L38	S00°14'26"E	24.77'
L29	N44°40'48"W	22.63'	L39	N44°40'48"W	22.63'
L30	S00°13'12"W	30.00'	L40	N44°40'48"W	16.00'
L31	S89°46'48"E	11.51'	L41	S44°40'48"E	22.63'
L32	S44°40'48"E	22.63'	L42	N45°13'12"E	22.63'
L33	S44°40'48"E	22.63'	L43	N45°13'12"E	22.63'
L34	N45°13'12"E	22.63'	L44	N44°40'48"W	22.63'



COUNTY: MARICOPA
SECTION: 4
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A17
CITY OF SURPRISE, ARIZONA

JANUARY 2018

REVISIONS:



PM: J. SPRING
DR: R. GILES

JOB NO: 09001944

SCALE: 1" = 40' FEET

SHOW IF CLOSE

SHEET 4 OF 4



FS18-096 Parcel A19 Final Plat

LEGAL DESCRIPTION

A PORTION OF THE SOUTHEAST QUARTER OF SECTION 4 AND THE NORTHEAST QUARTER OF SECTION 9, TOWNSHIP 4 NORTH, RANGE 1 WEST, OF THE DELTA AND SALT RIVER BASIN AND MORGAN MARQUICO PARCELS, ARIZONA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCEMENT AT A FOUND 2" ALUMINUM CAP STAMPED MARQUICO COUNTY RLS 30623 2003, ACQUIRED AS THE WEST QUARTER CORNER OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, FROM THE PUBLIC BUREAU OF LAND MANAGEMENT, STAMPED MARQUICO COUNTY DEPARTMENT OF TRANSPORTATION 30770, ACQUIRED AS THE EAST QUARTER CORNER OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 1 WEST, THEREOF BEARS 58°46'48"E A DISTANCE OF 5055.54'

THENCE, ALONG THE WEST-EAST MID-SECTION LINE OF SAID SECTION 4, 58°46'48"E A DISTANCE OF 384.18 FEET;

THENCE LEAVING THE WEST-EAST MID-SECTION LINE OF SAID SECTION 4, 90°00'00" A DISTANCE OF 45.00 FEET TO THE POINT OF BEGINNING;

THENCE, 58°46'48"E A DISTANCE OF 110.15 FEET;

THENCE, 58°46'48"E A DISTANCE OF 8.19 FEET;

THENCE, 58°46'48"E A DISTANCE OF 74.00 FEET;

THENCE, 58°46'48"E A DISTANCE OF 9.16 FEET;

THENCE, 58°46'48"E A DISTANCE OF 835.18 FEET;

THENCE, 50°02'02"W A DISTANCE OF 388.86 FEET;

THENCE, 50°48'28"W A DISTANCE OF 308.80 FEET;

THENCE, 50°25'05"E A DISTANCE OF 50.89 FEET;

THENCE, 51°53'24"E A DISTANCE OF 368.85 FEET;

THENCE, 50°07'02"E A DISTANCE OF 250.67 FEET;

THENCE, 52°17'41"W A DISTANCE OF 656.11 FEET;

THENCE, 50°07'02"E A DISTANCE OF 148.77 FEET;

THENCE, 51°34'27"E A DISTANCE OF 262.81 FEET;

THENCE, 51°12'50"W A DISTANCE OF 728.82 FEET TO THE BEGINNING OF A TANGENT CURVE CONGRUE TO THE LEFT;

THENCE, SOUTHWESTERLY ALONG SAID CURVE AN ARC LENGTH OF 385.1 FEET, WITH A RADIUS OF 1768.6 FEET AND A CENTRAL ANGLE OF 10°25'20";

THENCE, 58°05'20"W A DISTANCE OF 83.61 FEET;

THENCE, 50°05'20"W A DISTANCE OF 350.43 FEET TO THE BEGINNING OF A TANGENT CURVE CONGRUE TO THE LEFT;

THENCE, NORTHWESTERLY ALONG SAID CURVE AN ARC LENGTH OF 278.81 FEET, WITH A RADIUS OF 1768.6 FEET AND A CENTRAL ANGLE OF 10°25'20";

THENCE, 58°05'20"W A DISTANCE OF 83.61 FEET;

THENCE, 58°05'20"W A DISTANCE OF 350.43 FEET;

THENCE, 58°46'24"E A DISTANCE OF 63.80 FEET;

THENCE, 58°46'24"E A DISTANCE OF 11.57 FEET;

THENCE, 58°46'24"E A DISTANCE OF 38.36 FEET;

THENCE, 58°46'24"E A DISTANCE OF 380.00 FEET;

THENCE, 58°46'24"E A DISTANCE OF 142.00 FEET;

THENCE, 58°46'24"E A DISTANCE OF 211.00 FEET;

THENCE, 58°46'24"E A DISTANCE OF 760.00 FEET;

THENCE, 58°46'24"E A DISTANCE OF 85.00 FEET;

THENCE, 58°46'24"E A DISTANCE OF 211.00 FEET;

THENCE, 58°46'24"E A DISTANCE OF 104.08 FEET;

THENCE, 58°46'24"E A DISTANCE OF 24.77 FEET TO THE BEGINNING OF A NON-TANGENT CURVE CONGRUE TO THE LEFT;

THENCE, NORTHWESTERLY ALONG SAID CURVE AN ARC LENGTH OF 48.86 FEET, WITH A RADIUS OF 45.00 FEET AND THE RADIAL BEARING OF N70°02'12"E AND A CENTRAL ANGLE OF 90°00'00";

THENCE, 58°46'24"E A DISTANCE OF 81.34 FEET;

THENCE, 58°46'24"E A DISTANCE OF 16.00 FEET;

THENCE, 58°46'48"E A DISTANCE OF 114.42 FEET;

THENCE, 58°46'48"E A DISTANCE OF 197.01 FEET;

THENCE, 58°46'48"E A DISTANCE OF 158.02 FEET;

THENCE, 58°46'48"E A DISTANCE OF 11.51 FEET;

THENCE, 58°46'24"E A DISTANCE OF 71.42 FEET;

THENCE, 58°46'24"E A DISTANCE OF 123.16 FEET;

THENCE, 58°46'24"E A DISTANCE OF 802.62 FEET TO THE POINT OF BEGINNING.

TRACT TABLE

TRACT	AREA SQ FT	AREA ACRES	USAGE
TRACT 18A	18029	4.252	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, WATER & SEWER EASEMENT, WELL, STORAGE, TRAIL, OUTFLOW EASEMENT, MULTI-USE TRAIL AND PUE
TRACT 18B	27128	6.222	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE
TRACT 18C	8859	2.024	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION, MULTI-USE TRAIL AND PUE
TRACT 18D	88677	1.807	OPEN SPACE, DRAINAGE, COMMUNITY AMENITIES, RECREATION AND PUE
TRACT 18E	1764	0.040	OPEN SPACE, DRAINAGE AND PUE
TRACT 18F	5382	0.124	OPEN SPACE, DRAINAGE AND PUE
TRACT 18G	24488	0.561	MULTI-USE TRAIL, DRAINAGE, RECREATION, WATER & SEWER EASEMENT AND PUE
TRACT 18H	842653	19.340	604 WASH, DRAINAGE, WATER & SEWER EASEMENT AND PUE
TOTAL	1728703	39.640	

LEGEND

- SUBDIVISION BOUNDARY
- RIGHT OF WAY LINE
- EXISTING RIGHT OF WAY LINE
- CENTERLINE
- EXISTING EASEMENT LINE
- PROPOSED EASEMENT LINE
- SECTION LINE
- ALIGNED SECTION LINE
- SUBDIVISION CORNER TO BE SET
- FOUND MONUMENT AS NOTED
- CENTERLINE MONUMENT (TO BE SET BY CITY OF SURPRISE STANDARDS)
- 30°/30° SHORT VISIBILITY EASEMENT
- 40°/40° SHORT VISIBILITY EASEMENT
- VEHICULAR NON-ACCESS EASEMENT
- PUBLIC UTILITY EASEMENT
- M.O.D.
- MAP OF DEDICATION
- R/W
- RIGHT-OF-WAY
- FRONT BUILDING SETBACK LINE
- D
- CURVE TABLE NUMBER
- LI
- LINE TABLE NUMBER
- RADIAL BEARING
- FINAL PLAT

CITY OF SURPRISE CENSUS ZONING

DEVELOPMENT STANDARDS ARE PER CITY OF SURPRISE ZONING CASE FS10-210 OR AS SUBSEQUENTLY AMENDED.



COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS



PL: 0 SPRING
OR: R. GLETS
R. GLETS
09001944

SCALE: 1" = 200 FEET

DATE: 08/14/18

SHEET 10

2 OF 10

FS18-096 Parcel A19 Final Plat



COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS



PL: J. SPRING
DR: R. GILES
JOB NO:
09001944

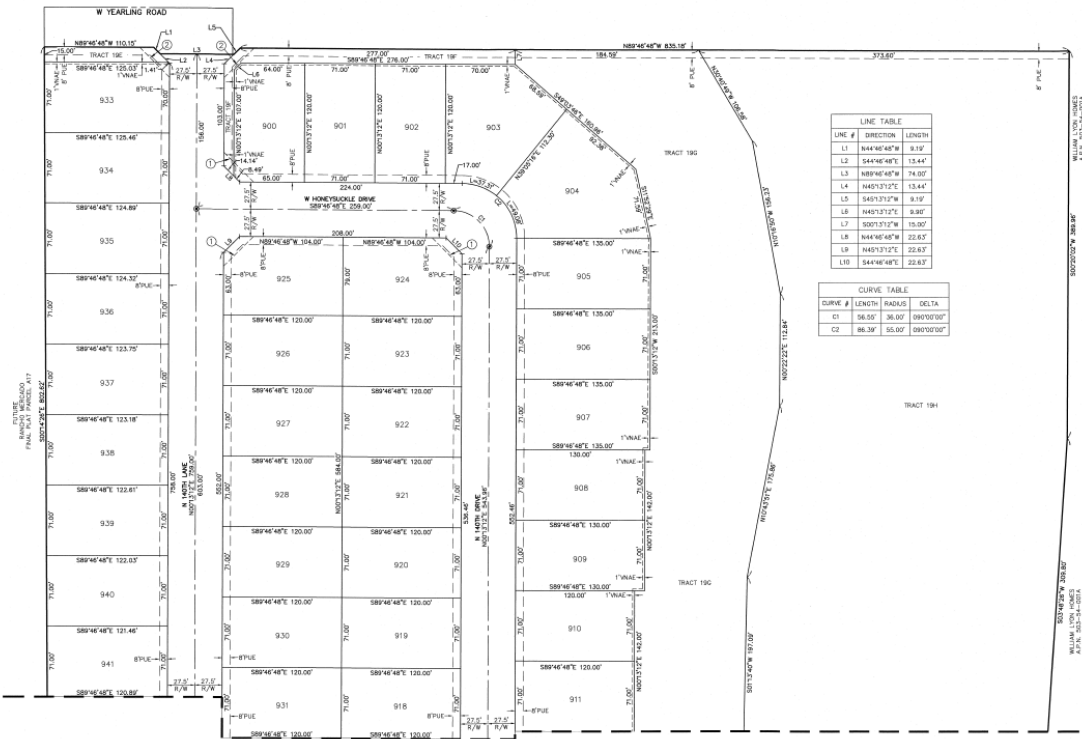
SCALE
1" = 40 FEET

SHEET
3 OF 10



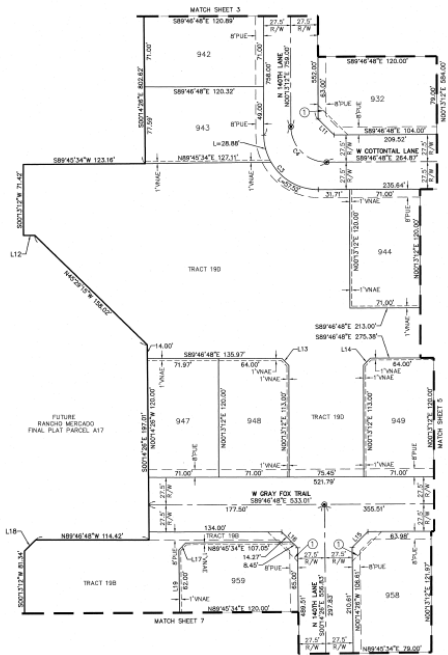
LINE #	DIRECTION	LENGTH
L1	S44°46'48"W	9.19'
L2	S44°46'48"W	12.44'
L3	N89°46'48"W	74.00'
L4	N48°13'12"E	13.44'
L5	S48°13'12"E	9.19'
L6	N48°13'12"E	9.80'
L7	S00°13'12"W	15.00'
L8	N44°46'48"W	22.63'
L9	N48°13'12"E	22.63'
L10	S44°46'48"W	22.63'

CURVE #	LENGTH	RADIUS	DELTA
C1	58.50'	36.00'	99°10'00"
C2	86.39'	55.00'	99°10'00"



LOT TABLE/WIDTH BASED ON FBBL				LOT TABLE/WIDTH BASED ON FBBL				LOT TABLE/WIDTH BASED ON FBBL				LOT TABLE/WIDTH BASED ON FBBL				
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH	
900	8477	0.195	71.0'	908	9230	0.212	71.0'	914	9352	0.215	71.0'	924	8897	0.204	71.0'	
901	8520	0.196	71.0'	909	9230	0.196	71.0'	915	9352	0.215	71.0'	925	8847	0.203	71.0'	
902	8520	0.196	71.0'	910	8520	0.196	71.0'	916	9352	0.196	71.0'	926	8806	0.202	71.0'	
903	11386	0.261	63.0'	911	8520	0.196	71.0'	917	927	8520	0.196	71.0'	927	8768	0.200	71.0'
904	13023	0.299	58.8'	912	8520	0.196	71.0'	918	928	8520	0.196	71.0'	928	8725	0.200	71.0'
905	9585	0.220	71.0'	913	8520	0.196	71.0'	919	929	8520	0.196	71.0'	929	8682	0.199	71.0'
906	9585	0.220	71.0'	914	8520	0.196	71.0'	920	933	8520	0.196	71.0'	930	8644	0.198	71.0'
907	9585	0.220	71.0'	915	8520	0.196	71.0'	921	931	8520	0.196	71.0'	931	8604	0.198	71.0'
908	9230	0.212	71.0'	916	8520	0.196	71.0'	922	935	8520	0.205	71.0'				

FS18-096 Parcel A19 Final Plat



LOT	AREA SQ. FT.	AREA ACRES	ACRES
942	8563	0.215	75.07
943	8563	0.215	75.07
944	8563	0.215	75.07
945	8563	0.215	75.07
946	8563	0.215	75.07
947	8563	0.215	75.07
948	8563	0.215	75.07
949	8563	0.215	75.07
950	8563	0.215	75.07
951	8563	0.215	75.07

LINE #	DIRECTION	LENGTH
L11	N44°40'48"W	22.63
L12	S80°46'48"E	11.51
L13	S44°46'48"E	9.90
L14	N45°13'12"E	9.90
L15	N44°50'23"E	22.54
L16	S45°00'23"E	22.72
L17	N44°40'24"E	9.90
L18	S45°13'12"E	16.50
L19	N45°13'12"E	16.50

CURVE #	LENGTH	RADIUS	DELTA
C3	86.38	55.00	99°10'10"
C4	58.55	36.00	99°10'10"



COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS



FW: J. SPRING

DR: M. GILES

JOB NO. 09001944

SCALE: 1" = 40 FEET

DATE: 12/31/2024

BY: J. SPRING

4 OF 10



COUNTY: MARICOPA

SECTION 4 & 9

TOWNSHIP: 4 NORTH

JSM 1:30NFR

FINAL PLAT

RANCHO MERCADO

PARCEL A19

CITY OF SUNSHINE, ARIZONA

AUGUST 2018



ATWELL	
PM.	J. SPRING
DR.	R. GILES

SCALE 0 20 40
1" = 40 FEET

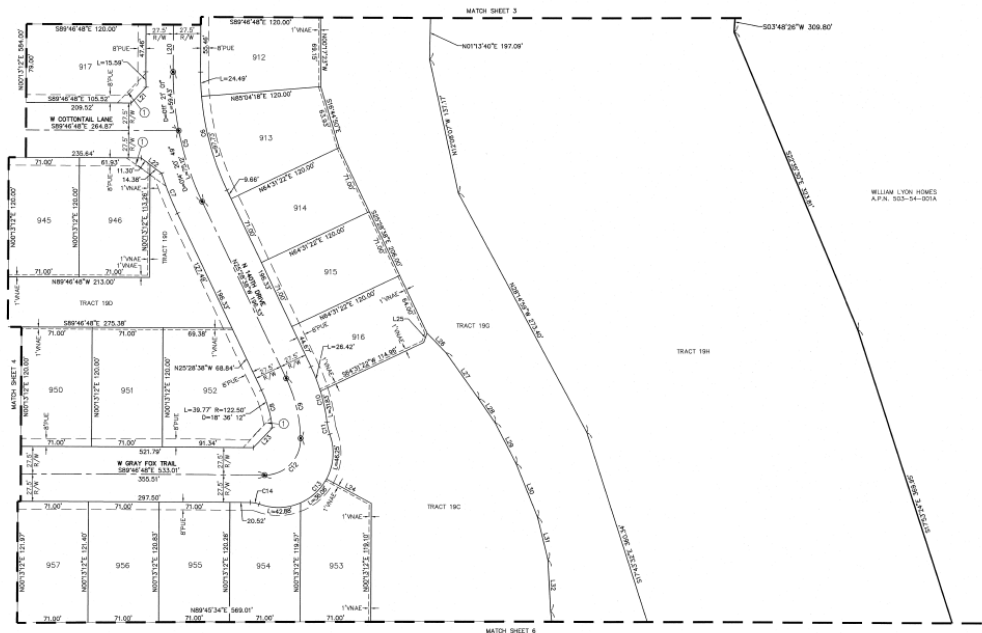
BRUSH IT ALONE.

5 OF 10

LOT TABLE WIDTH BASED ON FBSL			
LOT	AREA SQ FT	AREA ACRES	WIDTH
912	8965	0.206	78.9'
913	10440	0.240	103.1'
914	8520	0.196	71.0'
915	8520	0.196	71.0'
916	8513	0.195	71.1'
917	9369	0.215	76.5'
945	8520	0.196	71.0'
946	8489	0.195	71.0'
950	8520	0.196	71.0'
951	8520	0.196	71.0'
952	11269	0.259	102.8'
953	8261	0.213	71.0'
954	8363	0.192	72.0'
955	8509	0.196	71.0'
956	8599	0.197	71.0'
957	8640	0.198	71.0'

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L20	N00°17'31"E	543.96'	L27	N30°18'21"W	56.76'
L21	S43°09'24"W	21.80'	L28	N34°18'27"W	29.45'
L22	S03°10'28"E	25.68'	L29	N27°13'57"W	45.92'
L23	S43°52'36"W	27.61'	L30	N21°56'44"W	57.92'
L24	S01°40'20"E	81.16'	L31	N13°34'37"W	44.23'
L25	S19°31'22"W	9.90'	L32	N02°50'56"W	51.48'
L26	N43°56'12"W	27.42'			

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C5	134.55'	300.00'	025°41'50"
C6	122.22'	272.50'	025°41'50"
C7	43.30'	327.50'	007°34'52"
C8	36.77'	122.50'	018°36'15"
C9	62.47'	150.00'	023°31'45"
C10	58.26'	177.50'	018°48'23"
C11	12.66'	55.00'	013°10'42"
C12	57.70'	36.00'	091°50'05"
C13	125.21'	55.00'	130°28'03"
C14	8.89'	25.00'	020°21'55"

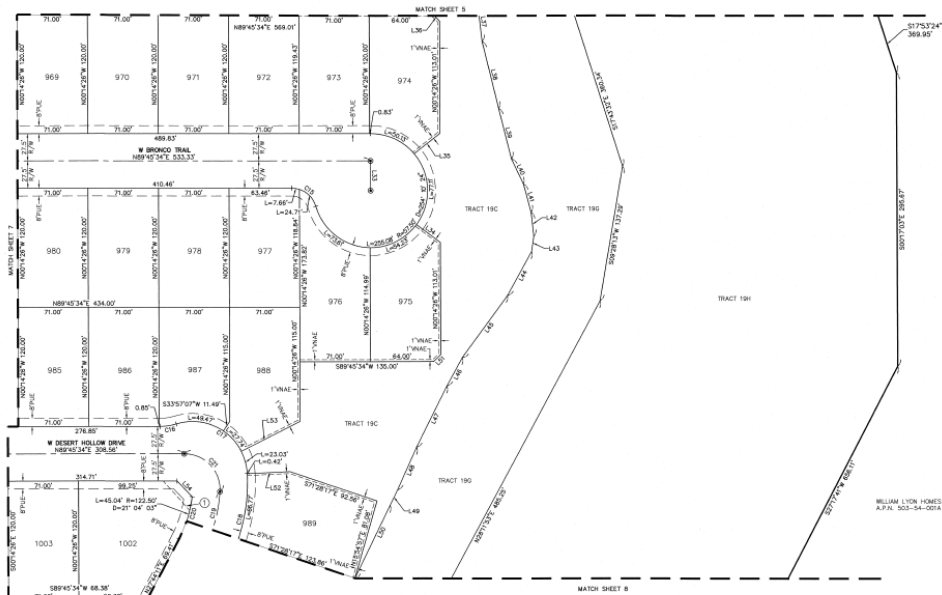


WILLIAM LYON HOMES
A.P.N. 503-54-001A

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FS18-096 Parcel A19 Final Plat



LOT TABLE BASED ON FSBL				LOT TABLE BASED ON FSBL			
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
969	8020	0.186	71.0'	979	8020	0.186	71.0'
970	8020	0.186	71.0'	980	8020	0.186	71.0'
971	8020	0.186	71.0'	981	8020	0.186	71.0'
972	8020	0.186	71.0'	982	8020	0.186	71.0'
973	8020	0.186	71.0'	983	8020	0.186	71.0'
974	8020	0.186	71.0'	984	8020	0.186	71.0'
975	8020	0.186	71.0'	985	8020	0.186	71.0'
976	8020	0.186	71.0'	986	8020	0.186	71.0'
977	8020	0.186	71.0'	987	8020	0.186	71.0'
978	8020	0.186	71.0'	988	8020	0.186	71.0'

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L31	S00°14'28"E	35.00'	L44	S02°14'47"W	50.47'
L34	S83°38'58"E	30.12'	L45	S03°13'04"W	77.48'
L35	S51°16'59"W	33.23'	L46	S28°23'32"W	32.61'
L36	N45°14'28"E	8.80'	L47	S28°23'32"W	68.67'
L37	N00°42'47"W	38.17'	L48	S23°31'15"W	47.23'
L38	S13°34'51"E	69.42'	L49	S02°14'21"W	17.23'
L39	S14°21'28"E	53.60'	L50	S22°14'27"W	61.60'
L40	S25°33'20"E	28.06'	L51	S44°45'35"W	9.90'
L41	S15°11'21"E	29.38'	L52	N88°59'18"E	43.02'
L42	S00°16'32"E	24.54'	L53	S62°51'02"W	66.53'
L43	S08°13'14"W	15.31'	L54	S47°39'29"E	31.99'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C15	32.36'	25.00'	64°14'24"
C16	18.67'	55.00'	61°17'30"
C17	100.34'	55.00'	104°25'20"
C18	85.72'	177.50'	63°03'47"
C19	63.68'	156.00'	55°41'31"
C20	45.04'	123.50'	101°14'34"
C21	58.84'	36.00'	59°13'03"



COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 4 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS



PREPARED BY: J. SPRING
DRAWN BY: K. GILES
DATE: 09/01/18

SCALE: 1" = 40 FEET

SHEET 6 OF 10

FS18-096 Parcel A19 Final Plat



COUNTY: MARICOPA
SECTION: 4
TOWNSHIP: 1 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

AUGUST 2018

REVISIONS



PM: J. SPRING
DR: R. GILES
JOB NO:
09001944

SCALE
1" = 40 FEET

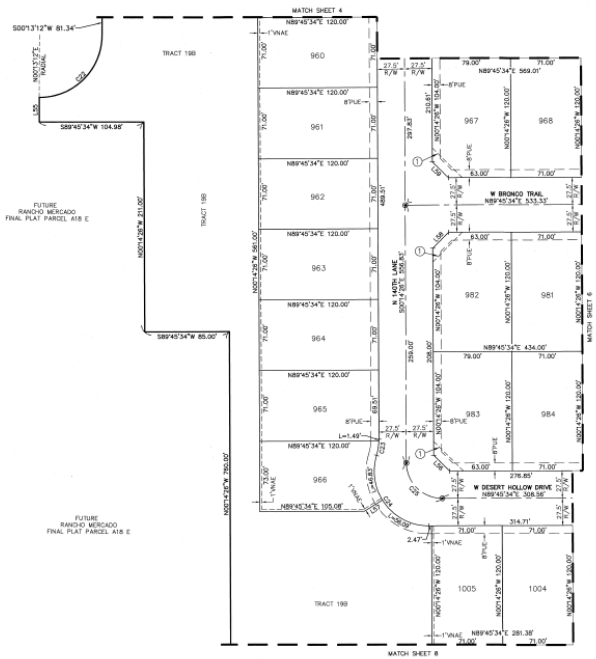
SHEET
7 OF 10



LOT	AREA SQ FT	AREA ACRES	ACROSS
960	8520	0.196	71.0'
961	8520	0.196	71.0'
962	8520	0.196	71.0'
963	8520	0.196	71.0'
964	8520	0.196	71.0'
965	8520	0.196	71.0'
966	8308	0.191	69.3'
967	8352	0.215	75.0'
968	8520	0.196	71.0'
969	8520	0.196	71.0'
970	8352	0.215	75.0'
971	8352	0.215	75.0'
972	8520	0.196	71.0'
973	8520	0.196	71.0'
974	8520	0.196	71.0'
975	8520	0.196	71.0'
976	8520	0.196	71.0'
977	8520	0.196	71.0'
978	8520	0.196	71.0'
979	8520	0.196	71.0'
980	8520	0.196	71.0'

LINE #	DIRECTION	LENGTH
L56	N00°14'28"W	24.77'
L58	N45°14'28"W	22.63'
L57	N08°11'32"E	21.28'
L58	N44°40'34"E	22.63'
L59	N45°14'28"W	22.63'

CURVE #	LENGTH	RADIUS	DELTA
C22	95.94'	63.00'	96°00'00"
C23	14.52'	55.00'	07°12'30"
C24	102.91'	55.00'	107°12'30"
C25	58.58'	36.00'	96°00'00"



FS18-096 Parcel A19 Final Plat



COUNTY: MARICOPA
SECTION: 4 & 9
TOWNSHIP: 6 NORTH
RANGE: 1 WEST

FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF JUANES, ARIZONA

AUGUST 2018

REVISIONS



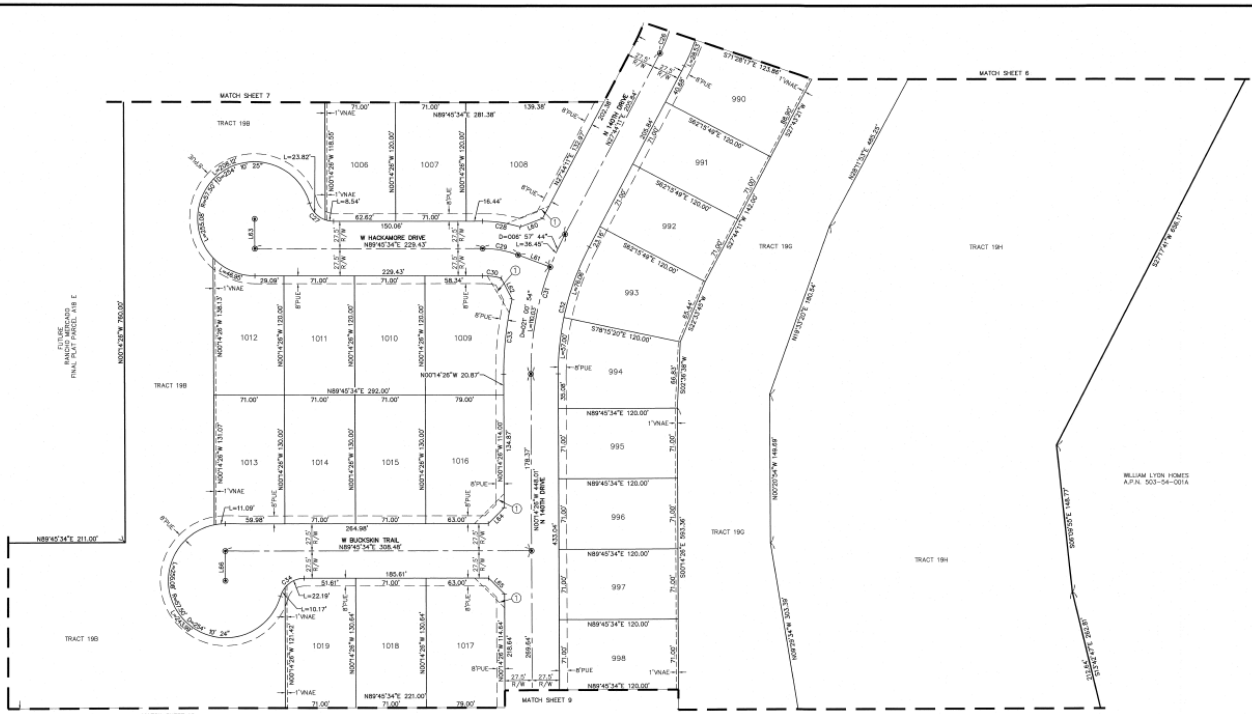
FW: 2 SPRING
DR: 8 GULLS

FSR NO:
09001544

SCALE:
1" = 40 FEET

DRAWN BY NAME:

SHEET
8 OF 10



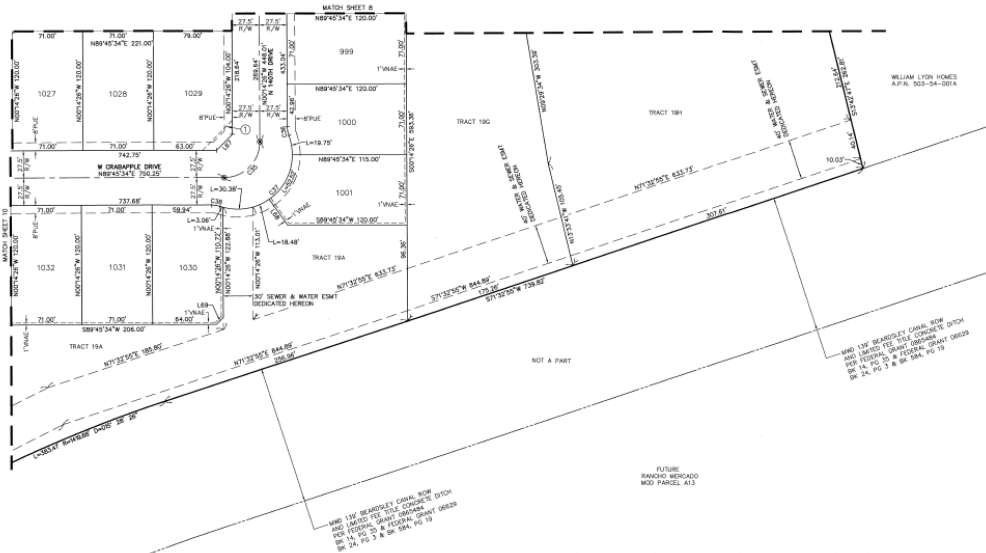
LOT TABLE WIDTH BASED ON FSBL				LOT TABLE WIDTH BASED ON FSBL			
LOT	AREA SQ FT	AREA ACRES	WIDTH	LOT	AREA SQ FT	AREA ACRES	WIDTH
890	8032	0.234	109.2	1009	8793	0.254	86.8
891	8020	0.196	71.07	1010	8020	0.196	71.07
892	8020	0.196	71.07	1011	8020	0.196	71.07
893	10007	0.290	99.27	1012	8756	0.251	71.07
894	8010	0.191	80.77	1013	9434	0.271	71.07
895	8020	0.196	71.07	1014	9230	0.270	71.07
896	8020	0.196	71.07	1015	9230	0.270	71.07
897	8020	0.196	71.07	1016	10143	0.293	79.37
898	8020	0.196	71.07	1017	10090	0.291	79.37
1006	8016	0.196	71.07	1018	9275	0.270	71.07
1007	8020	0.196	71.07	1019	9221	0.270	71.07
1008	13002	0.289	80.47				

LINE TABLE		
LINE #	DIRECTION	LENGTH
L80	S69°14'30"W	23.94'
L81	S69°13'32"E	34.50'
L82	S2°16'37"E	23.87'
L83	N00°14'26"W	30.92'
L84	S44°40'34"W	23.83'
L85	S45°14'28"E	22.63'
L86	S00°14'28"E	30.92'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C26	83.68'	150.00'	024°19'21"
C27	33.36'	25.00'	074°10'24"
C28	26.70'	127.50'	017°23'20"
C29	26.66'	100.00'	027°07'24"
C30	16.92'	72.00'	014°52'30"
C31	146.49'	350.00'	027°08'38"
C32	133.08'	272.50'	037°08'38"
C33	76.11'	327.50'	017°08'38"
C34	20.36'	25.00'	074°10'23"

NOT TO SCALE. THIS PLAT IS A PRELIMINARY PLAT AND IS NOT TO BE USED FOR ANY PURPOSES OTHER THAN FOR INFORMATIONAL PURPOSES. THE PLAT IS NOT TO BE USED FOR ANY PURPOSES OTHER THAN FOR INFORMATIONAL PURPOSES. THE PLAT IS NOT TO BE USED FOR ANY PURPOSES OTHER THAN FOR INFORMATIONAL PURPOSES.

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LOT TABLE WIDTH BASED ON FBIS.			
LOT	AREA SQ FT	AREA ACRES	WIDTH
999	8520	0.196	71.07
1000	8440	0.194	71.07
1001	8861	0.203	71.07
1027	8520	0.196	71.07
1028	8520	0.196	71.07
1029	9352	0.215	75.07
1030	8486	0.195	71.07
1031	8520	0.196	71.07
1032	8520	0.196	71.07



FINAL PLAT
RANCHO MERCADO
PARCEL A19
CITY OF SURPRISE, ARIZONA

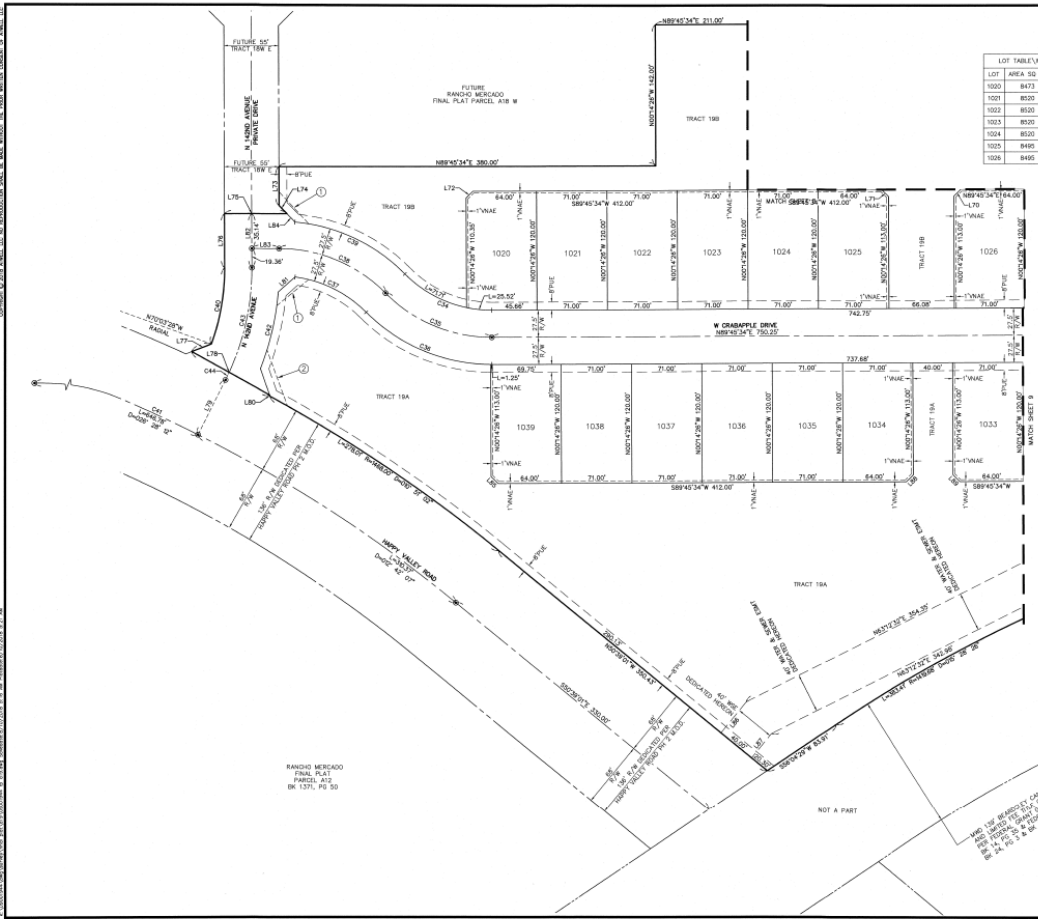


SCALE 0 20
1" = 40 FEET

SHEET
NO.

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L70	N44°45'34"E	9.90'	L80	S19°13'39"E	1.37'
L71	S45°14'26"E	9.90'	L81	N48°16'12"E	22.56'
L72	N44°45'34"E	9.90'	L82	N00°14'27"W	54.50'
L73	S00°14'26"E	39.36'	L83	N89°45'34"E	27.50'
L74	N43°36'57"W	11.57'	L84	N43°36'57"W	11.57'
L75	S89°45'34"W	62.95'	L85	N45°14'26"W	9.90'
L76	S00°14'26"E	54.50'	L86	S30°25'59"W	40.21'
L77	N88°50'58"E	21.20'	L87	S30°25'59"W	31.76'
L78	S69°05'43"E	89.79'	L88	S44°45'34"E	9.90'
L79	S26°38'52"W	61.71'	L89	N44°14'26"W	9.90'

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C34	87.23'	122.50'	045°28'39"
C35	119.08'	150.00'	045°28'39"
C36	140.89'	177.50'	045°28'39"
C37	81.34'	122.50'	038°02'49"
C38	119.08'	150.00'	045°28'39"
C39	124.88'	177.50'	040°18'40"
C40	78.38'	222.50'	020°10'59"
C41	957.15'	1400.00'	039°10'19"
C42	80.05'	277.50'	016°31'38"
C43	108.87'	280.00'	024°57'07"





SURPRISE
ARIZONA

**QUESTIONS OR
COMMENTS?**

Thank You



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date: November 6, 2018

Contact Person: Sherry Ann Aguilar, City Clerk

Submitting Department:

District: Citywide

Staff: None

Recommendations:

Consent	☒	Regular	Public Hearing	Report/Discussion
---------	-------------------------------------	---------	----------------	-------------------

Agenda Wording:

Consideration and action on the meeting minutes of October 16, 2018 Regular City Council Work Session, Regular City Council Meeting and Executive Session.

Motion:

I move to approve the meeting minutes.

Background:

Objective Analysis:

Policy Compliant:

Financial Impact:

Budget Impact:

FTE Impact:

ATTACHMENTS:

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CITY OF SURPRISE
Regular City Council Meeting Minutes
16000 North Civic Center Plaza
Surprise, AZ 85374

Tuesday, October 16, 2018 @ 6:00PM

Call to Order

Roll Call

Mayor Wolcott called the Regular City Council Meeting to order at 06:01 p.m. at Surprise City Hall Council Chamber, 16000 North Civic Center Plaza Surprise, Arizona 85374, on Tuesday, October 16, 2018. Also in attendance with Mayor Wolcott were Vice Mayor Remley, Council Member Winters, Council Member Hayden, Council Member Duffy, Council Member Tande and Council Member Hall.

Staff Present:

City Manager, Bob Wingenroth; City Attorney, Robert Wingo and City Clerk, Sherry Ann Aguilar

Pledge of Allegiance

PROCLAMATION AND COMMUNITY ACKNOWLEDGEMENTS

City Manager Report:

Youth Coordinator, Mike Cassidy introduced the staff and students from Marley Park Elementary School. 3 students came forward to share a few words about their school.

City Attorney Report:

City Clerk Report:

City Clerk Aguilar gave a brief update on the upcoming election. Ballots have been mailed out, we have a drop box here at City Hall City Clerk's Office and you can vote early beginning Saturday, October 27th at 8 AM.

Consideration and action to appoint Scott Krous to fill the vacancy on the Planning & Zoning Commission with a term expiration of June 30, 2020 and direct the City Clerk to administer the Oath of Office - APPROVED

Vice-Mayor Remley reviewed the Selection Committee process to fill the vacancy on the Planning & Zoning Commission.

Vice Mayor Remley made the motion to approve appointing Mr. Krous to the Planning and Zoning Commission and directed the City Clerk to administer the Oath of Office. Council Member Winters seconded the motion. Seven yes votes, motion carried.

City Clerk Aguilar administered the Oath of Office.

Call to The Public:

Regular City Council Meeting Agenda:

Consent Agenda:

1. Consideration and action declaring the City's intention to create the, "SU-AUSTIN RANCH EAST" Street Light Improvement District pursuant to A.R.S. 48-616; Resolution #2018-145 - APPROVED

2. Consideration and action pertaining to approval of an amendment to the FY2019 budget by reallocating appropriations from Economic Development Contingency to the Dysart Median project, #P61400 in the amount of \$2,800 and amending the Capital List of items over \$50,000; Resolution # 2018-155 - APPROVED

3. Consideration and action declaring the City's intention to create the, "AUSTIN RANCH WEST PARCEL 5 #144" Street Light Improvement District pursuant to A.R.S. 48-616; Resolution #2018-113 - APPROVED

4. Consideration and action declaring the City's intention to create the, "SU-ASANTEPAR4.5" Street Light Improvement District pursuant to A.R.S. 48-616; Resolution #2018-151 - APPROVED

5. Consideration and action pertaining to Council's general support for a partnership between the City of Surprise and the Non-profit Chance Shelter of Surprise by entering into a letter of intent to build a no-kill animal shelter on City owned land in Surprise; Resolution #2018-162 - APPROVED

City Manager Wingenroth gave a brief presentation on the Chance No-Kill Animal Shelter.

Council Member Tande made the motion to approve Resolution 2018-162. Council Member Winters seconded the motion. Seven yes votes, motion carried.

6. Consideration and action pertaining to approval of an amendment to the Fiscal Year 2019 budget by reallocating appropriations of \$120,500 from Contingency within the Grants Fund and authorizing the acceptance of seven (7) grant awards from the Arizona Governor's Office of Highway Safety; Resolution #2018-154 - APPROVED

7. Consideration and action pertaining to an amendment of the Fiscal Year 2019 budget by reallocating appropriations of \$14,400 from Contingency within the Grants Fund to the Donations Fund; \$39,200 within the Community Development Block Grant program to properly align program expenditures; reallocation of \$400 from Neighborhood Revitalization Fund to Contingency within the Grants Fund; and amending the Capital and Operating List of items over \$50,000 by increasing the 2018-19 CDBG Grant item to \$667,200; Resolution #2018-156 - APPROVED

8. Consideration and action pertaining to approval of an intergovernmental agreement (IGA) with the Arizona Department of Homeland Security for a grant in the amount of \$38,200 and amending the Fiscal Year 2019 budget to account for same; Resolution # 2018-158 - APPROVED

9. Consideration and action pertaining to approval of an amendment to the Fiscal Year 2019 budget by reallocation of appropriations of \$45,000 from Grant Contingency to Finance General Fund Services for investment advisory services and amending the List of Operating Items over \$50,000; Resolution #2018-159 - APPROVED

Vice Mayor Remley asked for clarification on this item.

Vice Mayor Remley made the motion to approve Resolution 2018-159. Council Member Winters seconded the motion. Seven yes votes, motion carried.

10. Consideration and action pertaining to approval of the Four Rights of Way Agreements between the Arizona State Land Department and the City of Surprise; Resolution #2018-152 - APPROVED

11. Consideration and action pertaining to approval of the final plat entitled, "Austin Ranch East Phase 1A – Parcels 12B, 13, &14 Final Plat" dated September 20, 2018, a property generally located 3,000 feet southwest of the intersection of Grand Avenue and Deer Valley Road, within the Austin Ranch PAD - APPROVED

12. Consideration and action pertaining to the final plat entitled, "Austin Ranch East Phase 1B – Parcels 12A &12C Final Plat," dated September 20, 2018, a property generally located 3,000 feet southwest of the intersection of Grand Avenue and Deer Valley Road, within the Austin Ranch PAD - APPROVED

13. Consideration and action pertaining to approval of the Re-plat entitled, "Final Plat for Austin Ranch East - Phase 2 (Parcels 9, 10 & 11)" dated September 19, 2018, and generally located 3,000 feet southwest of the intersection of Grand Avenue and Deer Valley Road, within the Austin Ranch PAD - APPROVED

14. Consideration and action pertaining to approval of an APS Utility Easement for re-alignment of electric lines for the Ottawa Campus - APPROVED

15. Consideration and action pertaining to approval of an amendment to the fiscal year 2019 budget by reallocating appropriations of \$13,900 within the Grants Fund in order to accept two grants from the Arizona Governor's Office of Highway Safety to support Fire-Medical's Impaired and Distracted Driving Campaign and Car Seat Program; Resolution #2018-160 - APPROVED

16. Consideration and action pertaining to an amendment to the fiscal year 2019 budget by reallocating appropriations of \$287,200 from the Grants Fund to the Ground Ambulance Service Fund and appropriations of \$28,800 within the Ground Ambulance Service Fund in order to accept a grant from FEMA's Assistance to Firefighters Grant Program; Resolution # 2018-161 - APPROVED

17. Consideration and action on the meeting minutes of October 2, 2018 Regular City Council Work Session and Regular City Council Meeting - APPROVED

Council Member Tande made the motion to approve the consent agenda, excluding items 5 and 9. Council Member Hall seconded the motion. Seven yes votes, motion carried.

Regular Agenda Item - Public Hearing

18. Consideration and action pertaining to approval of the preliminary plat entitled, "Rio Rancho Estates" dated July 26, 2018, a property generally located one (1) mile west of the intersection of West Grand Avenue and West Happy Valley Road - APPROVED

City Planner, Hobart Wingard gave a powerpoint presentation on this item.

Mayor Wolcott asked if the State Land department is a reviewing agency?

Mr. Wingard - for the rezone, not the Preliminary Plat.

Council Member Winters made the motion to approve Rio Rancho Estates Preliminary Plat. Council Member Hayden seconded the motion. Seven yes votes, motion carried.

19. Consideration and action pertaining to approval of a Major Zoning Amendment to approximately 119 acres in the Tierra Verde East PAD, a property generally located on the northeast corner of 155th Avenue and the Happy Valley Road alignment, to allow for an increase in density, increase in open space, modifications to the development standards, and revisions to the land use plan; Ordinance #2018-13 - APPROVED

City Planner, Sergio Angulo gave a powerpoint presentation on this item.

Council Member Hall asked if the developer agreed to do a 12 foot easement to the

neighbor to the north.

Council Member Winters asked about Happy Valley Road alignment. How much will Rancho Mercado be taking care of?

Mr. Angulo - a portion to the west of 163rd Avenue.

Council Member Winters made the motion to approve Ordinance 2018-13. Council Member Hayden seconded the motion. Seven yes votes, motion carried.

20. Consideration and action on a Preliminary Plat to allow for the development of a single-family residential subdivision in Parcels 1, 2, and 3 of the Tierra Verde East PAD located in the northeast corner of 155th Avenue and the Happy Valley Road alignment; Resolution 2018-167 - APPROVED

City Planner, Sergio Angulo gave a powerpoint presentation on this item.

Council Member Winters asked about the intersection of Happy Valley Road and 163rd, if there will be a traffic light at this intersection.

Mr. Angulo - Yes correct.

21. Consideration and action pertaining to approval of the preliminary plat entitled, "Asante- Parcel 4.5" dated July 17, 2018, a property generally located in the northwest corner of Asante Boulevard and 163rd Avenue - APPROVED

City planner, Sergio Angulo gave a powerpoint presentation on this item.

Council Member Winters made the motion to approve Asante Parcel 4.5 Preliminary Plat. Vice Mayor Remley seconded the motion. Seven yes votes, motion carried.

Regular Agenda Item - Non-Public Hearing:

22. Consideration and action pertaining to approval of the final plat entitled, "Asante 4.5-Parcel 1" dated August 14, 2018, a property generally located in the northwest corner of Asante Boulevard and 163rd Avenue - APPROVED

City planner, Sergio Angulo gave a powerpoint presentation regarding this item.

Council Member Winters made the motion to approve Asante 4.5 Parcel 1 Final Plat. Council Member Hayden seconded the motion. Seven yes votes, motion carried.

23. Consideration and action pertaining to approval of the final plat entitled, "Asante 4.5- Parcel 2" dated August 14, 2018, a property generally located in the northwest corner of Asante Boulevard and 163rd Avenue - APPROVED

City planner, Sergio Angulo gave a powerpoint presentation regarding this item.

Council Member Winters made the motion to approve Asante 4.5 Parcel W Final Plat. Council Member Hayden seconded the motion. Seven yes votes, motion carried.

24. Consideration and action pertaining to approval of the Purchase and Sale Agreements and Joint Escrow Instructions for the purchase of land from LCD Asante, LLC and HE Capital Asante, LLC, for the purpose of acquiring land for Fire Station 304 - APPROVED

Community Development Director, Eric Fitzer gave a powerpoint presentation regarding this item.

Mayor Wolcott asked Chief Abbott if there is a heliport pad in the design?

For future, there is land set aside for this as part of the project.

Vice Mayor Remley asked Fitzer about the bond funds and land the station is currently on, we own that right?

Mr. Fitzer - Yes.

Vice Mayor Remley - When are we going to dispose of the other land? Does the developer own both parcels? Did we consider the possibility of a swap?

Council Member Hall - Did we budget when we did the bond for land purchase?

City Manager Wingenroth - Yes.

Council Member Hall made the motion to approve the purchase of land from LCD Asante and HE Capital Asante. Council Member Duffy seconded the motion. Seven yes votes, motion carried.

25. Consideration and action pertaining to approval of an Intergovernmental Agreement (IGA) between the City of Eloy and Surprise for the sale and purchase of underground Long Term Storage Credits established within the Phoenix Active Management Area in an amount not to exceed 2,000 Acre-feet per year for the benefit of the City of Surprise water service area; and the associated budget amendment to reallocated appropriations; Resolution # 2018-153 - APPROVED

Water Resources Management Director, Terry Lowe gave a brief presentation on this item.

Council Member Hall commented that the City of Eloy acted on this last night. Price based off of the capital cost of the ownership Colorado, and the delivery fee is the second portion of the cost.

Vice Mayor Remley asked about how much money are we talking about?

Mr. Lowe commented \$430,000. for the year, split between 2 calendar years.

Council Member Winters made the motion to approve Resolution 2018-153. Council Member Hayden seconded the motion. Seven yes votes, motion carried.

26. Consideration and action pertaining to approval of an amendment to the FY2019 budget by reallocating appropriations within the General Fund in the amount of \$391,500 from Contingency within the Grants fund to full-time salaries and employee related expenses to add five (5) regular full-time positions: Internal Auditor (City Manager's Officer), Senior Administrative Specialist (Economic Development), Construction Inspector (Public Works), Management Assistant (City Manager's Office) and GIS Analyst (Information Technology). Resolution # 2018-165 - APPROVED

City Manager Wingenroth gave a powerpoint presentation on this item.

Council Member Winters questioned the inspector position in public works.

Vice Mayor Remley commented that there is a house project that has been stalled for a month because the inspectors are too busy. Our auditor does a wonderful job, but she is only one person. I am in favor of this item, but concerned about the ongoing costs and we have spent a million dollars tonight.

Council Member Hall commented that I know you have thought about this, you see our needs. We had 2 full time Intergovs back in 2010. I can't tell you how many times I have been to ED, and Jeanine is a worker bee, but she is doing a lot of administrative stuff, she needs an anchor in the office. I appreciate you stepping up because we need these people. Thanks for being ahead of this.

Vice Mayor Remley made the motion to approve Resolution 2018-165. Council Member Hayden seconded the motion. Seven yes votes, motion carried.

27. Consideration and action pertaining to approval of an amendment to the Comprehensive Citywide Fee Schedule; Resolution # 2018-157 - APPROVED

Fire Chief, Tom Abbott gave a powerpoint presentation on this item.

Council Member Hall asked for clarification on some of the increased fees and why?

Council Member Hall asked Judge Dominguez to clarify the fees that are being removed.

Vice Mayor Remley asked for clarification on what can we do to prevent this problem to occur in the future? Medication costs are going up, not going down. Could we not somehow change our policy where the only time you would need to come to us if you changed up your markup on these items?

City Attorney Wingo quoted a specific state statute. We are not a charter city and mandated by this specific section of City Code.

Council Member Winters made the motion to approve Resolution 2018-157. Council Member Hall seconded the motion. Seven yes votes, motion carried.

28. Consideration and action on a Facilities Use Agreement with Ottawa University for City use of University facilities for a period of 10.5 years in the amount of \$10,300,000.00 - APPROVED

City Manager Wingenroth gave a powerpoint presentation on this item.

Mike Hoover continued with the presentation with a background on Ottawa and the facility use agreement.

Mayor Wolcott thanked Mr. Hoover for not taking no and staying consistent and 7 years later here we are. This is a big deal and we are very thrilled. There are so many opportunities in our City to take advantage of the Ottawa experience. We as Council have long envisioned to build a sense of there, of arrival and of creating space.

Dennis Tyner of Ottawa University read aloud a letter from the Chancellor, Kevin Eichner.

Council Member Tande commented that we should be doing the same for Ottawa, this partnership is doing so much for this City. You are creating a community atmosphere; you are an anchor on Economic Development. What you have created here in the first year is amazing. Very pleased that you will allow us to expand services to our residents.

Council Member Hall made the motion to approve the Facilities Use Agreement with Ottawa University. Council Member Winters seconded the motion. Seven yes votes, motion carried.

Other Business and Future Agenda Items:

Mayor/Council Reports:

Mayor and Council reported on and/or attended the following:

Council Member Tande - WESTMARC held meeting in Top Golf, hired 500 people to run this facility. Public Works Department during the rain, everything from design standards to other problems are taken care of right away.

Council Member Winters - Wed., October 3rd Chamber of Commerce Event at Arts Center; attended the Surprise Youth Council Meeting on Monday night - working on their Halloween event. Thanked Public Works Department for tending rain and floods in

District 1 - 163rd Avenue area.

Council Member Hayden -Attended Sante meeting, thanked Mike Gent for all the work they do.

Vice Mayor Remley - Also attended Sante meeting; Saturday night watching Ottawa game. Looking forward to where our City is going and Ottawa will play a role in our future; District 4 meeting next Wednesday, redevelopment of the OTS.

Council Member Hall made the motion to recess the Regular City Council Meeting and enter into executive session at 8:00 PM. Council Member Duffy seconded the motion. Seven yes votes, motion carried.

Executive Session:

29. Consideration and action to recess into executive session to discuss the resignation and appointment process pertaining to the appointed office of City Manager pursuant to A.R.S. 38-431.03 (A)(1).

M. Adjournment:

Council Member Hall made the motion to adjourn the Regular City Council Meeting of October 16, 2018 at 8:19 PM. Council Member Duffy seconded the motion. Seven yes votes, motion carried.

Sharon R. Wolcott, Mayor

ATTEST:

Sherry Ann Aguilar, City Clerk, MMC

CERTIFICATION:

I, Sherry Ann Aguilar, City Clerk for the City of Surprise, Maricopa County, Arizona, do hereby verify that these are the true and correct minutes of the Regular City Council Meeting of **Tuesday, October 16, 2018.**

Sherry Ann Aguilar, City Clerk, MMC

CITY OF SURPRISE
Regular City Work Session Minutes
16000 North Civic Center Plaza
Surprise, AZ 85374

Tuesday, October 16, 2018 @ 4:00PM

Call to Order

Roll Call

Mayor Wolcott called the Regular City Council Work Session to order at 04:00 p.m. at Surprise City Hall Council Chamber, 16000 North Civic Center Plaza Surprise, Arizona 85374, on Tuesday, October 16, 2018. Also in attendance with Mayor Wolcott were Vice Mayor Remley, Council Member Winters, Council Member Hayden, Council Member Duffy, Council Member Tande, and Council Member Hall.

Staff Present:

City Manager, Bob Wingenroth, City Attorney, Robert Wingo and City Clerk, Sherry Ann Aguilar.

Pledge of Allegiance

Call to The Public:

Daniel Schrader, 163rd Avenue area. Addressed issues of Mr. Cunningham not following HOA rules of Mr. Jim Cunningham remaining on the ballot. City accountability. Letting this issue pass at this level is wrong, either you are eligible or you are not. Unless I have missed something, seems Mr. Cunningham has come to our City and has done what he wants.

Regular City Council Work Session Agenda:

1. Presentation and discussion regarding Dale Lane Right-of-Way (ROW), and adjacent transportation projects - NO ACTION

Public Works Director, Mike Gent started off the powerpoint presentation showing pictures of flooded area in the 163rd Avenue area. He then turned over the presentation to Community Development Director, Eric Fitzer who gave a history of Dale Lane and 163rd Avenue areas dating back to 1978, and where we are at now.

Mayor Wolcott asked what is available and reasonable to apply for since this is a competitive fund?

Mr. Gent - Yes.

Vice Mayor Remley commented that we have acquired approx. half of the properties on Dale Lane on the properties that we have the right of way, is it possible to do anything that would mitigate the flooding that they are experiencing?

Mr. Gent commented that from a legal point of view, we do not make improvements to non contiguous right of ways. We could make improvements to contiguous right of way, and we don't have it right at 163rd Avenue.

Council Member Hayden - even if we don't have right of way, can we at least clean up the roadways that would help with drainage?

City Attorney Wingo commented that there are legal issues and we could not do a clean up on someone's property that has not given permission.

Mr. Fitzer continued with the presentation discussing Tierra Rico and improvements that the developer has agreed to make.

Council Member Winters thanked staff for the presentation and commented this is an issue that has gone on for years. He asked staff for a status on some of the new development going in out in this area. What can we do for this problem?

Mr. Gent commented that this is a question we get frequently, and many ask what can the city do? The team is working on 3 different scenarios and have accomplished more right of ways in the last year over what has taken place in the last 30 years.

Council Member Winters commented that we have right of way forms here for any residents that would like to take one and a list of residents that have given the right of way.

Mayor Wolcott applauded staff on what has been delivered in the past few years. We are really trying and reaching out to landowners that are struggling. What about progress with the out of state or out of country landowners?

Mr. Fitzer confirmed that we have received a few out of state, and one out of the country, we have not been able to make a connection. We are doing everything we can to follow up.

Mayor Wolcott assured residents that we are going to stay on this and keep at it. She thanked staff for their efforts.

Public Comments:

Tammy Bayne spoke on the issue of flooding, she sent in the pictures for the powerpoint presentation. She commented that one of the pictures is a 4 foot deep hole, but this is a concern for public safety and resident access. The road conditions need to change.

Geoffrey Dentz, disappointed that the city has not been able to move faster. Glad to hear that 171st and Jomax will be developed by the developer. Maricopa County Flood Control, corridor is silted up and this is causing the most damage. I wanted to mention this as an option.

Susan Snow lives on Dale Lane, I am glad I came to the meeting, I saw the list and there is a mistake. We did donate the right of way land. The city promised \$1.00, and have not seen that, but now the city is asking for 5 more feet.

City Clerk read the written statement for the record from Susan Maestas.

Vice Mayor Remley commented that to have a paved road in front of your house, makes the value of your home go up when you have a paved road. I suggest to talk to your neighbors to get this done.

2. Presentation and discussion pertaining to Councilmember Hall's request to evaluate establishing a Veteran's focused Commission - NO ACTION

City Manager Wingenroth opened the discussion with introductions and proceeded with the powerpoint presentation. He turned over the presentation to Alison Matthees, Intern in the City Manager's Office. Ms. Matthees gave a history on research with other cities around the State that have a similar commission. Only Phoenix, Tucson and Mesa have this type of Commission.

City Manager Wingenroth commented that this would be a commission that would advise, assisting and advocating for Veteran Services as well as evaluating grant funding opportunities and presenting to City Council for CDBG, HOME, and Neighborhood Stabilization. We see this being an 11 member commission with reserved seats for Service members, Veterans and or family members; individuals with disabilities and/or disability service organizations and for human service representatives. We would propose that this group meet in the Council Chambers.

We are proposing 1 full time program coordinator and an initial year funding of \$50,000. and ask for outside consulting services to help set up this new commission.

Mayor Wolcott commented that 3 years ago we were approached about creating a Veteran's Center here in Surprise. It ended up being a collaborative effort for the West Valley. We would have loved to located this center here in Surprise, but the best location was Luke Air Force Base. If we do this, we need to have veteran's representation, Transportation will be an issue that needs to be addressed.

Council Hall asked about the 3 priorities that were previously discussed and commented that he forgot about transportation. I am fuzzy about the population on this commission, would we transfer the Disability, and add 4 members. City Manager Wingenroth clarified. He further commented that adding a full-time staff member to this commission is a great recommendation, we need to have a staff person that handles this specifically each and every day. Maybe there is someone in Seth's department that might want to apply. Could you also please look into closed captioning? If a Veteran wants to watch the meeting, they may have hearing issues.

Ms. Matthees commented that closed captioning is approximately \$30,000. live, but if you watch the meeting 24 hours, there is no additional cost for close captioning on YouTube.

Vice Mayor Remley thanked staff on the presentation, this is going to give an opportunity to combine some over lapping organizations into unity. I think this will be a whole lot more coordinated. The memorial in Peoria is amazing. Since City Hall is on the landing strip, a great place for a WWII plane to be located.

Mayor Wolcott thanked Mr. Steph Hanzel for bringing this idea forward to us.

Executive Session:

Adjournment:

Council Member Hall made the motion to adjourn the Regular City Council Work Session of October 16, 2018 at 5:14 PM. Council Member Tande seconded the motion. Seven yes votes, motion carried.

Sharon R. Wolcott, Mayor

ATTEST:

Sherry Ann Aguilar, City Clerk, MMC

CERTIFICATION:

I, Sherry Ann Aguilar, City Clerk for the City of Surprise, Maricopa County, Arizona, do hereby verify that these are the true and correct minutes of the Regular City Council

Work Session of **Tuesday, October 16, 2018.**

Sherry Ann Aguilar, City Clerk, MMC



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date: November 6, 2018

Contact Person: Sherry Ann Aguilar, City Clerk

Submitting Department:

District: 5

Staff None

Recommendations:

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action to approve a request by Gregory Patrick Hall, II (Agent) for a Series 12 liquor license for AZFRYGUY, LLC, located at 15226 W. Bell Road, #100, Surprise, AZ. 85374.

Motion:

I move to approve a request by Gregory Patrick Hall, II (Agent) for a Series 12 liquor license for AZFRYGUY, LLC, located at 15226 W. Bell Road, #100, Surprise, AZ. 85374.

Background:

All Departmental reports are attached and there are no concerns noted for this request.

Objective Analysis:

Policy Compliant:

Financial Impact:

Budget Impact:

FTE Impact:

ATTACHMENTS:

Click to download

[AZFRYGUY Dept. Reports](#)

**SURPRISE POLICE DEPARTMENT
LIQUOR LICENSE APPLICATION REVIEW**

REFERENCE:

DATE: October 29, 2018

Interim Permit/New License - Job #32765
Series # 12

APPLICANT:

AZFRYGUY
15226 W. Bell Road #100
Surprise, Arizona 85374

FINDINGS:

- 1) ***Evidence concerning the nature of the proposed business, its potential market and its likely customers.***
AZFRYGUY is a full service restaurant, primarily serving deep fried American dishes and is open for lunch and dinner. It is taking the place of a previous full-service restaurant. AZFRYGUY should be open to all ages, and the potential market should be for all citizens in the Surprise and surrounding communities. The restaurant has indoor seating totaling 95 persons, with 15 of these seats dedicated to a small bar area.
- 2) ***Effect of vehicular traffic in close proximity.***
The addition of AZFRYGUY should have no great effect on the rate of traffic in the immediate area. There are at least two entrances into the small plaza, where AZFRYGUY will operate and both accesses will be off of Bell Road.
- 3) ***The history for the past five years of liquor violations and reported criminal activity at the proposed premises provided that the applicant has received a detailed report of such activity at least 20 days before the hearing.***
There have been very few reports of any criminal activity here over the past five years for any of the previously mentioned businesses. There was an incident at a previous restaurant at this location where police were called to remove an intoxicated subject from the premises. In 2016, a man was contacted in the area and was found to have a warrant. He had no connection with the restaurant.
- 4) ***Comparison of hours of operation of the proposed premises to the existing businesses in close proximity.***
The hours for AZFRYGUY are closed on Mondays and Tuesdays. They open at 11 AM the rest of the week with various closing hours, not to exceed 9 PM. There is a flooring and cabinet store in the small plaza that is not open past 6 PM. Across the small plaza roadway to the east is the Brookside Bar & Grill II, which is open until 2 AM.
- 5) ***Appropriateness of series license requested.***
A series #12 license is appropriate and applicable for AZFRYGUY per state guidelines for restaurant type sales.

Submitted by Officer Chris Tovar #2059



Surprise Fire-Medical Department
14250 W. Statler Plaza Ste. 101
Surprise, AZ 85374-7479
Phone: 623-222-5000
Fax: 623-222-5001



October 16, 2018

To: Sherry Ann Aguilar, City Clerk
From: Keith Tanner, Fire Marshal
Subject: Liquor License Application
Applicant: AFRYGUY, LLC
15226 W Bell Road, Suite 100

The Surprise Fire-Medical Department recently conducted a fire inspection at the above referenced location to ensure compliance with the applicable fire codes within the tenant space and building. There are no known fire code violations at this time.

Therefore fire has no comment on the application at this time.

If you have any questions feel free to contact me.


Keith Tanner, Fire Marshal
Fire Prevention Division
Surprise Fire-Medical Department



COMMUNITY DEVELOPMENT DEPARTMENT

Date: October 17, 2018
To: Sherry Aguilar, City Clerk
From: Eric Fitzer, Community Development Director
By: James Stewart, Zoning Specialist
Re: Liquor License Application for:

AZFRYGUY
Interim Permit/New License – Job # 32765
15226 W. Bell Road #100
Surprise, Arizona 85374

1. Fry's Food & Drug #61 (Series 9) – 15510 W. Bell Rd.
2. Lucky's Pizza #3 (Series 12) – 15508 W. Bell Rd. #107
3. 4 Sons Food Store #604 (Series 10) – 15505 W. Bell Rd.
4. Macayo's Mexican Kitchen (Series 12) – 15565 W. Bell Rd.
5. Richi's Diner (Series 12) – 15609 W. Bell Rd. #100
6. Booty's (Series 12) – 15557 W. Bell Rd. #404, 405, 406
7. Tailgaters Sports Grill (Series 12) – 15529 W. Bell Rd.
8. LUV 2 Play (Series 7) – 15495 W. Bell Rd. #104
9. Walgreens #4620 (Series 10) – 15490 W. Bell Rd.
10. Red Line Grill (Series 12) – 15332 W. Bell Rd. #101 & 102 (Expired)
11. Brookside II (Series 12) – 15170 W. Bell Rd.
12. New York Flavor (Series 12) – 15170 W. Bell Rd. #103 (Expired)

The immediate area is composed of commercial establishments. The property is zoned PAD (C-2) which is consistent with the proposed use.

Residential population will most likely remain static. Commercial growth will likely remain static.

If managed properly, the effects of granting this liquor license on surrounding residences will be minimal. This license will have little to no affect on parking in the area. Staff believes that granting this liquor license will not directly impact the surrounding business and residential areas in a negative way.

AZFRYGY

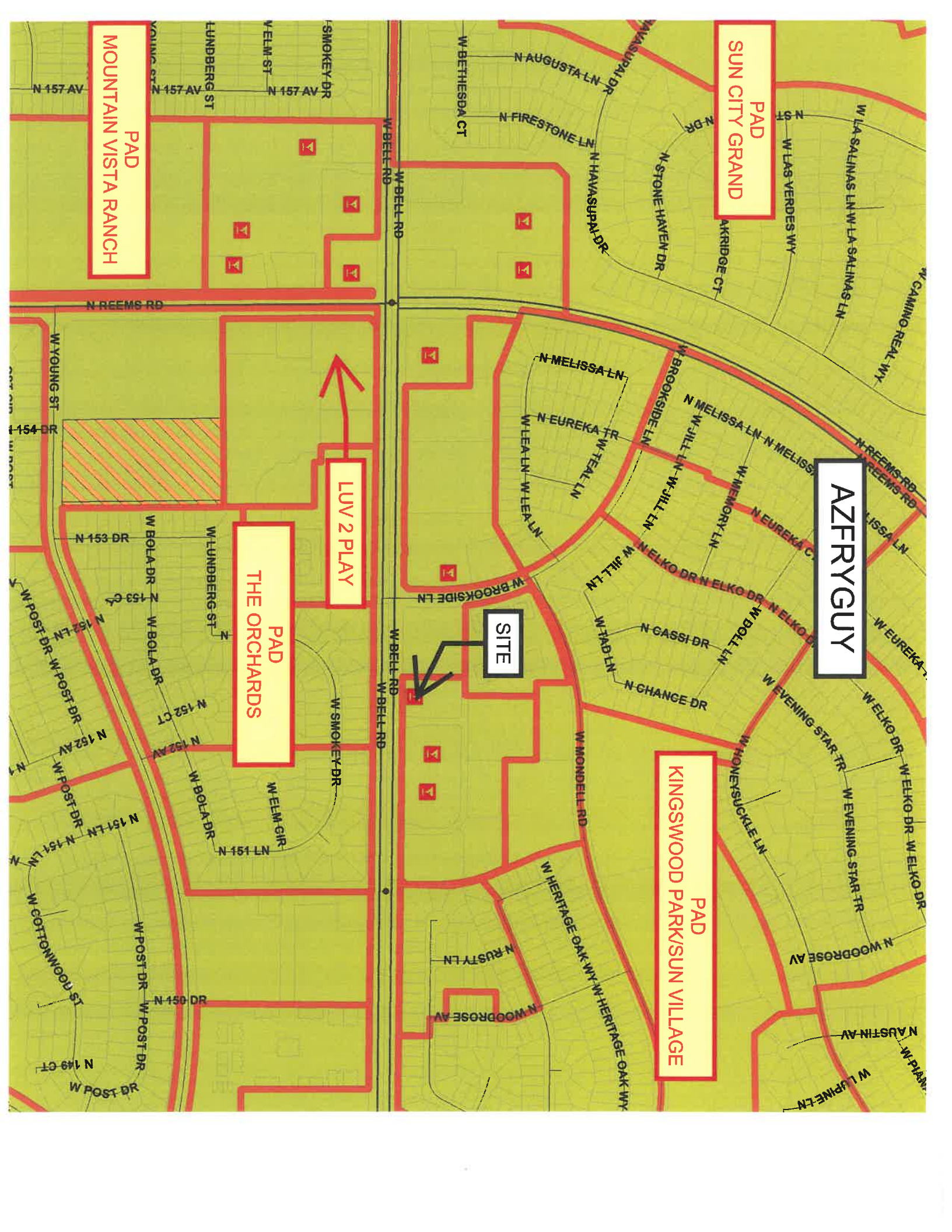
PAD
SUN CITY GRAND

**PAD
MOUNTAIN VISTA RANCH**

**PAD
KINGSWOOD PARKSUN VILLAGE**

SITE

LUV 2 PLAY

PAD
THE ORCHARDS



MEMO

Date: 10/15/2018

To: Sherry Aguilar, City Clerk

Linda Stevens, Deputy City Clerk

From: Stacie McQuarrie, Accounting Support Specialist

RE: Liquor License Application – The AZ Fry Guy LLC

Business License Status:

License #1021707, current and valid for 2018.



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date: November 6, 2018

Contact Person: Sherry Ann Aguilar, City Clerk

Submitting Department:

District: Internal

Staff: None

Recommendations:

Consent	☒	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action to approve the 2019 Council Work Session and Regular Council Meeting Schedule.

Motion:

I move to approve the 2019 Council Work Session and Regular Council Meeting Schedule as presented.

Background:

Objective Analysis:

Policy Compliant:

Financial Impact:

Budget Impact:

FTE Impact:

ATTACHMENTS:

Click to download

[2019 Work Session and Meeting Calendar](#)

2019 LIST OF REGULAR WORK SESSIONS AND COUNCIL MEETINGS

***Wednesday January 2, 2019/ One day later due to Holiday!**

Tuesday, January 15, 2019

Tuesday, February 5, 2019

Tuesday, February 19, 2019

Tuesday, March 5, 2019

Tuesday, March 19, 2019

Tuesday, April 2, 2019

Tuesday, April 16, 2019

Tuesday, May 7, 2019

Tuesday, May 21, 2019

Tuesday, June 4, 2019

Tuesday, June 18, 2019

NO MEETINGS IN JULY 2019

Tuesday, August 6, 2019

Tuesday, August 20, 2019 –NO MEETING DUE TO LEAGUE CONFERENCE

Tuesday, September 3, 2019

Tuesday, September 17, 2019

Tuesday, October 1, 2019

Tuesday, October 15, 2019

Tuesday, November 5, 2019

Tuesday, November 19, 2019

Tuesday, December 3, 2019

Tuesday, December 17, 2019



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

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Council Meeting Date:	November 6, 2018	Contact Person:	Robert Kuhfuss
Submitting Department:		District:	1
Staff Recommendations:	Approve		

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to approval of the Final Plat entitled, "Bell Road & 303, LLC" dated October 12, 2018, a 5.3 acre property generally located on the southeast corner of Bell Road and Loop 303.

Motion:

I move to approve the Final Plat entitled, " Bell Road & 303, LLC" dated October 12, 2018.

Background:

The subject request involves a Re-Plat of Lot 1 of Surprise Village Marketplace as originally recorded in Book 1118, Page 15 MCR. The proposed Re-Plat encompasses approximately 5.3 acres and is consistent with the Surprise Village Marketplace PAD. The site was also the subject of a Major Site Plan Amendment that was recently approved by the Planning and Zoning Commission, as well as a Conditional Use Permit to allow a Freeway Monument Sign, which was recently approved by City Council.

Objective Analysis:

The proposed Re-Plat is consistent with the Surprise Village Marketplace PAD and other regulatory documents. The reviewing agencies have expressed no objections to the approval of the Final Plat. Approval of the subject Final Re-Plat will allow the developer to legally divide the property.

Policy Compliant:

The requested Re-plat is consistent with City and Council Policy.

Financial Impact:

All activity related to ongoing development of the City of Surprise has an economic and fiscal impact on the city and the region.

Budget Impact:

There is no anticipated budget impact related to this item.

FTE Impact:

This item does not have an impact on current staff levels.

ATTACHMENTS:

Click to download

[00 FS18-411 Surprise Village Marketplace Re-Plat 11-06-18 CC Staff Report](#)

[01 FS18-411 Vicinity Map](#)

[02 FS18-411 Case Map](#)

[03 FS18-411 Final Plat](#)

[04 FS18-411 Surprise Village Marketplace Re-Plat 11-06-18 CC Presentation](#)

FINAL PLAT

REPORT TO THE CITY COUNCIL

Case: **FS18-411**

Project Name: Bell Road & 303, LLC Re-Plat

Council District: 1

City Council Date: **November 06, 2018**

Planner: Robert H. Kuhfuss, AICP

Owner: Bell Road & 303, LLC

Applicant: John Dorsett of WM Grace Companies on behalf of Bell Road & 303, LLC

Request: Final Re-Plat of Lot 1 of Surprise Village Marketplace

Site Location: Southeast corner of Bell Road and Loop 303

Site Size: 5.3 acres (approx.)

Density: N/A

General Plan Conformance: The proposal is consistent with the Surprise General Plan 2035

Support/Opposition: None known

Findings:

- The proposed Final Re-Plat is consistent with the Surprise General Plan 2035.
- The proposed Final Re-Plat is consistent with the Surprise Village Marketplace PAD.
- The proposed Final Re-Plat is consistent with the amended Site Plan for Surprise Village Marketplace.
- The reviewing agencies have indicated no objections to the request.

Alternative Actions: **Approval** of the requested Final Re-Plat will allow the developer to legally divide the property.

Denial of the requested Final Plat will deny the applicant the opportunity to legally divide the property as depicted on the proposed final plat.

45
46
47

The subject request involves a Re-Plat of Lot 1 of Surprise Village Marketplace as originally recorded in Book 1118, Page 15 MCR. The proposed Re-Plat encompasses approximately 5.3 acres and is consistent with the Surprise Village Marketplace PAD. The site was also the subject of a Major Site Plan Amendment that was recently approved by the Planning and Zoning Commission, as well as a Conditional Use Permit to allow a Freeway Monument Sign, which was recently approved by City Council.

55 The following map depicts the location of the subject site.
56



59 **BACKGROUND:**
60

61 **September 28, 2006:** The City Council approved the Surprise Village Marketplace PAD under
62 case PAD06-286.

64 **March 20, 2007:** The Planning and Zoning Commission approved the Comprehensive Sign
65 Program (CSP) for Surprise Village Marketplace under case CUP06-458.
66

July 28, 2011: Staff approved a Minor Site Plan Amendment relating to a new driveway in the vicinity of Shops B of Surprise Village Marketplace under FS11-188.

August 2, 2012: The Commission approved a Conditional Use Permit for Taco Bell at Surprise Village Marketplace under case FS12-175.

January 1, 2016: The Commission approved a Major Site Plan Amendment for Surprise Village Marketplace relating to Shops D under case FS15-392.

May 11, 2016: The Commission approved a Major Site Plan Amendment for Babbo Italian Eatery under case FS16-024.

October 6, 2016: The Commission approved a Major Site Plan Amendment for Storage West under case FS16-219.

November 1, 2016: The Council approved a Zone Change to allow self-storage as a permitted use in the Surprise Village Marketplace under case FS16-219.

November 17, 2016: The Commission approved a Conditional Use Permit for Greulich's Automotive under case FS16-320.

March 7, 2017: The Commission approved a Major Site Plan Amendment for Popeye's Louisiana Kitchen under case FS16-412.

April 20, 2017: The Commission approved a Major Site Plan Amendment for Hayashi Restaurant under case FS16-556.

June 5, 2018: The Council approved a request for a Conditional Use Permit to allow a Freeway Monument Sign on the subject property under case FS18-054.

July 19, 2018: The Commission approved a Major Site Plan Amendment for LA Fitness under case FS18-087.

August 16, 2018: The applicant filed the subject request under case FS18-411.

Reviewing Agencies:

The subject request was routed to the standard reviewing agencies, who have indicated no objections to the request.

Summary:

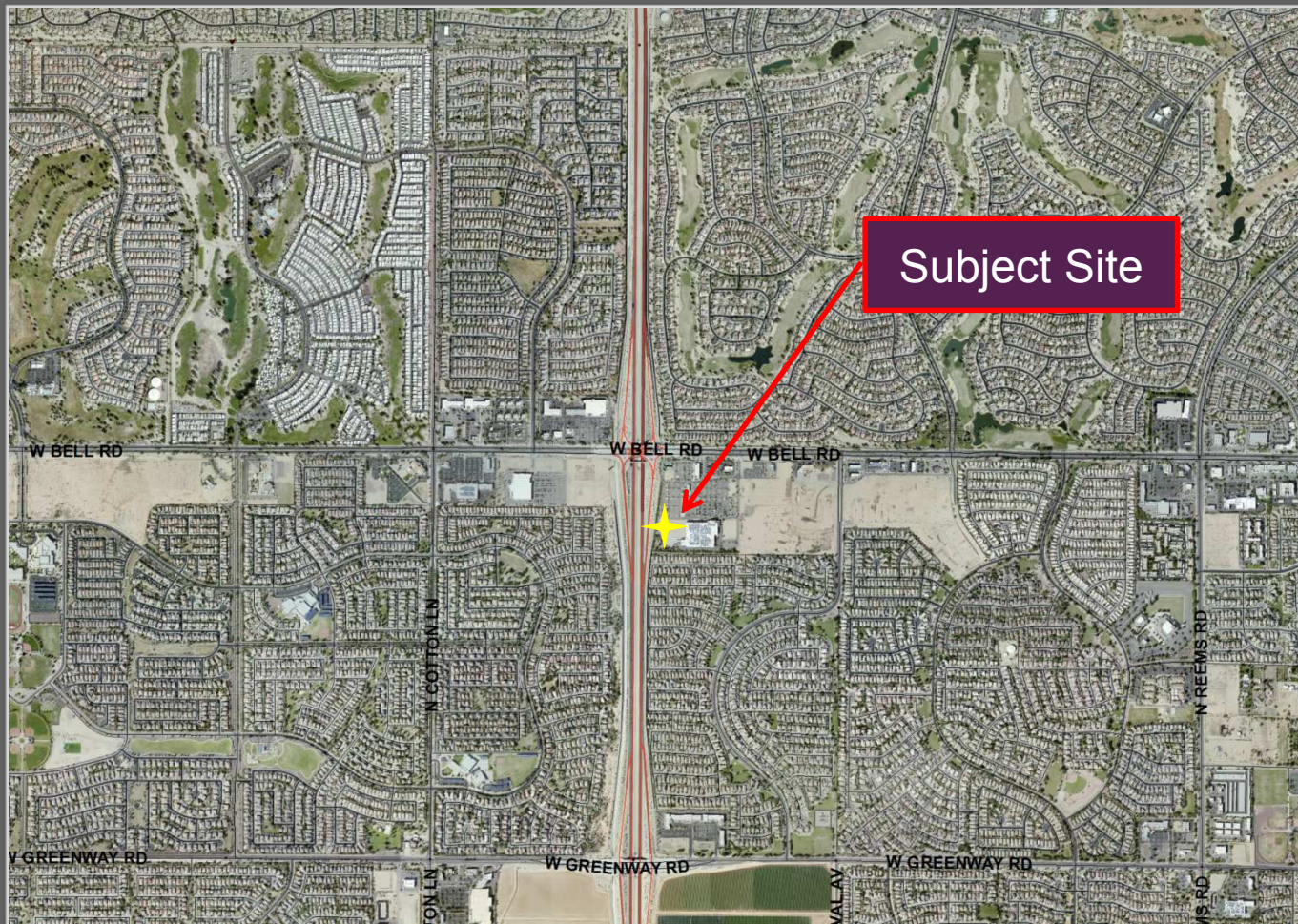
The proposed Re-Plat is consistent with the Surprise Village Marketplace PAD and other regulatory documents. The reviewing agencies have expressed no objections to the approval of the Final Plat. Approval of the subject Final Re-Plat will allow the developer to legally divide the property.

Findings:

- The proposed Final Re-Plat is consistent with the Surprise General Plan 2035.
- The proposed Final Re-Plat is consistent with the Surprise Village Marketplace PAD.
- The proposed Final Re-Plat is consistent with the amended Site Plan for Surprise Village Marketplace.
- The reviewing agencies have indicated no objections to the request.

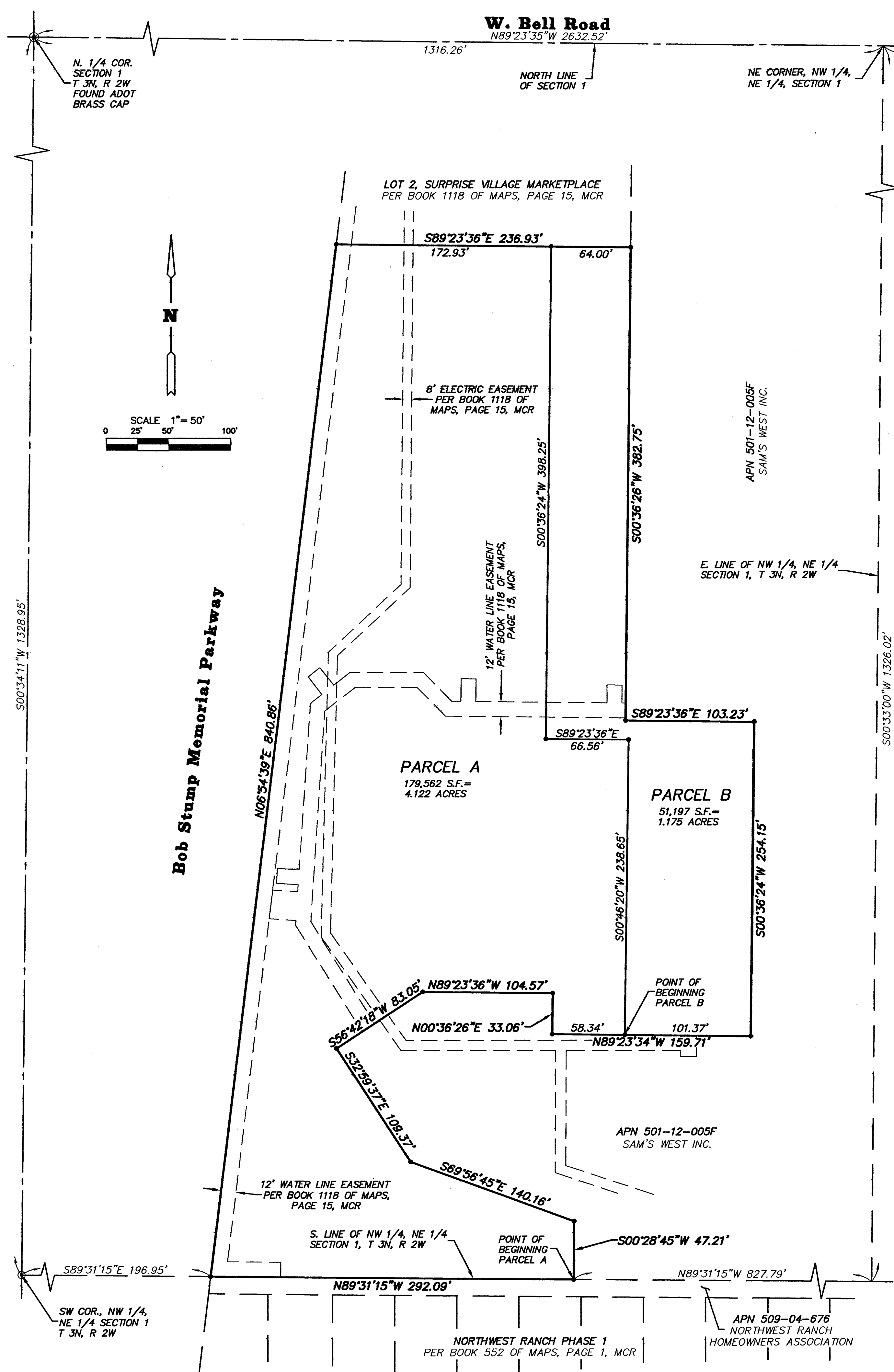
Attachments:

01 Vicinity Map
02 Case Map
03 Final Plat



FS18-411 Vicinity Map

PLOT DATE/TIME: 10/12/18 01:58pm
FILE PATH: L:\21355\Final Plat\FP-1.dwg
LAYOUT: Sheet 1
USER: WHITE



FINAL PLAT FOR BELL ROAD & 303, LLC

LOT 1, SURPRISE VILLAGE MARKETPLACE PER BOOK 1118 OF MAPS, PAGE 15, RECORDS OF MARICOPA COUNTY, ARIZONA AND BEING SITUATED IN A PORTION OF THE NORTHEAST QUARTER OF SECTION 1, TOWNSHIP 3 NORTH, RANGE 2 WEST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA.

LEGAL DESCRIPTION

LOTS 1, SURPRISE VILLAGE MARKETPLACE, AS RECORDED IN BOOK 1118 OF MAPS, PAGE 15, RECORDS OF MARICOPA COUNTY, ARIZONA.

SITUATED IN A PORTION OF THE NORTHEAST QUARTER OF SECTION 1, TOWNSHIP 3 NORTH, RANGE 2 WEST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA.

DEDICATION

STATE OF ARIZONA } S.S.
COUNTY OF MARICOPA }

KNOW ALL PERSONS BY THESE PRESENTS: THAT BELL ROAD & 303, LLC, A DELAWARE LIMITED LIABILITY COMPANY HAS SUBDIVIDED UNDER THE NAME BELL ROAD & 303, LLC, A SUBDIVISION OF LOT 1, SURPRISE VILLAGE MARKET AS RECORDED IN BOOK 1118 OF MAPS, PAGE 15, RECORDS OF MARICOPA COUNTY, ARIZONA BEING SITUATED IN A PORTION OF THE NORTHEAST QUARTER OF SECTION 1, TOWNSHIP 3 NORTH, RANGE 2 WEST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA AS SHOWN AND PLATTED HEREON AND DOES HEREBY PUBLISH THIS PLAT AS AND FOR THE PLAT OF BELL ROAD & 303, LLC AND DECLARES THAT THIS PLAT SETS FORTH THE LOCATION AND GIVES THE DIMENSIONS OF EACH LOT, AND EASEMENT CONSTITUTING SAME, AND THAT EACH LOT, AND EASEMENT SHALL BE KNOWN BY THE NUMBER OR NAME GIVEN TO EACH RESPECTIVELY AS SHOWN ON THIS PLAT.

OWNER HEREBY GRANTS TO THE UNITED STATES OF AMERICA DEPARTMENT OF THE AIR FORCE (USAF) AN AVIGATION EASEMENT OVER AND ACROSS THIS PLAT AND EVERY LOT AND PARCEL THEREOF, WHICH EASEMENT SHALL INCLUDE, BUT NOT BE LIMITED TO, THE RIGHT OF FLIGHT OF AIRCRAFT OVER THIS PLAT, TOGETHER WITH ITS ATTENDANT NOISE, VIBRATIONS, FUMES, DUST, FUEL AND LUBRICANT PARTICLES, AND ALL OTHER EFFECTS THAT MAY BE CAUSED BY THE OPERATION OF AIRCRAFT LANDING AT, OR TAKING OFF FROM, OR OPERATING AT OR ON LUKE AIR FORCE BASE AND AUXILIARY FIELD.

OWNER HEREBY GRANTS TO THE CITY OF SURPRISE A PERPETUAL CROSS ACCESS EASEMENT ACROSS THE PLAT INCLUDING ROADS AND STREETS, OPEN SPACES, COMMUNITY FACILITIES, TRACTS, SIDEWALKS, DRAINAGE BASINS AND ANY PROPERTY WITHIN THE PLAT OWNED BY THE HOMEOWNERS ASSOCIATION FOR THE PURPOSES OF PROVIDING CONTINUOUS AND UNINTERRUPTED INGRESS AND EGRESS FOR EMERGENCY VEHICLES.

THE EASEMENTS GRANTED WITHIN THIS DEDICATION ARE PERMANENT AND PERPETUAL AND SHALL RUN WITH THE LAND AND BE BINDING UPON OWNER AND ITS HEIRS, ASSIGNS, AND SUCCESSORS IN INTEREST IN THIS PLAT OR ANY PARCEL OR LOT THEREOF.

IN WITNESS WHEREOF, BELL ROAD & 303, LLC AS OWNER HAS HEREUNTO CAUSED THEIR NAMES TO BE SIGNED THIS _____ DAY OF _____, 2018

BELL ROAD & 303, LLC A DELAWARE LIMITED LIABILITY COMPANY.

BY: GRACE INVESTMENTS COMPANY
AN ARIZONA CORPORATION.

ITS: MANAGER.

BY: _____

ITS: _____

ACKNOWLEDGEMENT

STATE OF ARIZONA } S.S.
COUNTY OF MARICOPA }

BEFORE ME THIS _____ DAY OF _____, 2018 THE UNDERSIGNED NOTARY, WHO ACKNOWLEDGED HIMSELF TO BE HOWARD T. GRACE AS PRESIDENT OF GRACE INVESTMENT COMPANY, AS SOLE MANAGER OF BELL ROAD & 303, LLC, A DELAWARE LIMITED LIABILITY COMPANY THE OWNER OF THE PROPERTY PLATTED HEREON AND ACKNOWLEDGED THAT HOWARD T. GRACE AS PRESIDENT EXECUTED THIS INSTRUMENT FOR THE PURPOSES HEREIN CONTAINED.

IN WITNESS WHEREOF, I HEREUNTO SET MY HAND AND OFFICIAL SEAL.

NOTARY PUBLIC _____ EXPIRES _____

RELEASE OF LIABILITY

BELL ROAD AND 303, LLC (OWNER) DOES HEREBY (1) RELEASE AND DISCHARGE THE UNITED STATES OF AMERICA DEPARTMENT OF THE AIR FORCE (USAF) AND THE CITY OF SURPRISE, AND (2) INDEMNIFY, DEFEND, AND HOLD HARMLESS THE CITY OF SURPRISE, OF AND FROM ANY LIABILITY FOR ANY AND ALL CLAIMS FOR DAMAGES OF ANY KIND TO PERSONS OR PROPERTY THAT MAY ARISE AT ANYTIME IN THE FUTURE OVER, OR IN CONNECTION WITH AIRCRAFT OVERFLIGHTS FROM AIRCRAFT UTILIZING LUKE AIR FORCE BASE, WHETHER SUCH DAMAGE SHALL ORIGINATE FROM NOISE, VIBRATION, FUMES, DUST, FUEL AND LUBRICANT PARTICLES, AND ALL OTHER EFFECTS THAT MAY BE CAUSED BY THE OPERATION OF AIRCRAFT LANDING AT, OR TAKING OFF FROM, OR OPERATING AT OR ON LUKE AIR FORCE BASE AND ITS AUXILIARY FIELDS. THIS INSTRUMENT SHALL RUN WITH THE LAND AND BE BINDING UPON OWNER AND ITS HEIRS, ASSIGNS, AND SUCCESSORS IN INTEREST TO THIS PLAT OR ANY PARCEL OR LOT THEREOF. THIS INSTRUMENT DOES NOT RELEASE THE USAF FROM LIABILITY FOR DAMAGE OR INJURY TO PERSON OR PROPERTY CAUSED BY FALLING AIRCRAFT OR FALLING PHYSICAL OBJECTS FROM AIRCRAFT, EXCEPT AS STATED HEREIN WITH RESPECT TO NOISE, FUMES, DUST, FUEL, AND LUBRICANT PARTICLES.

NOTES

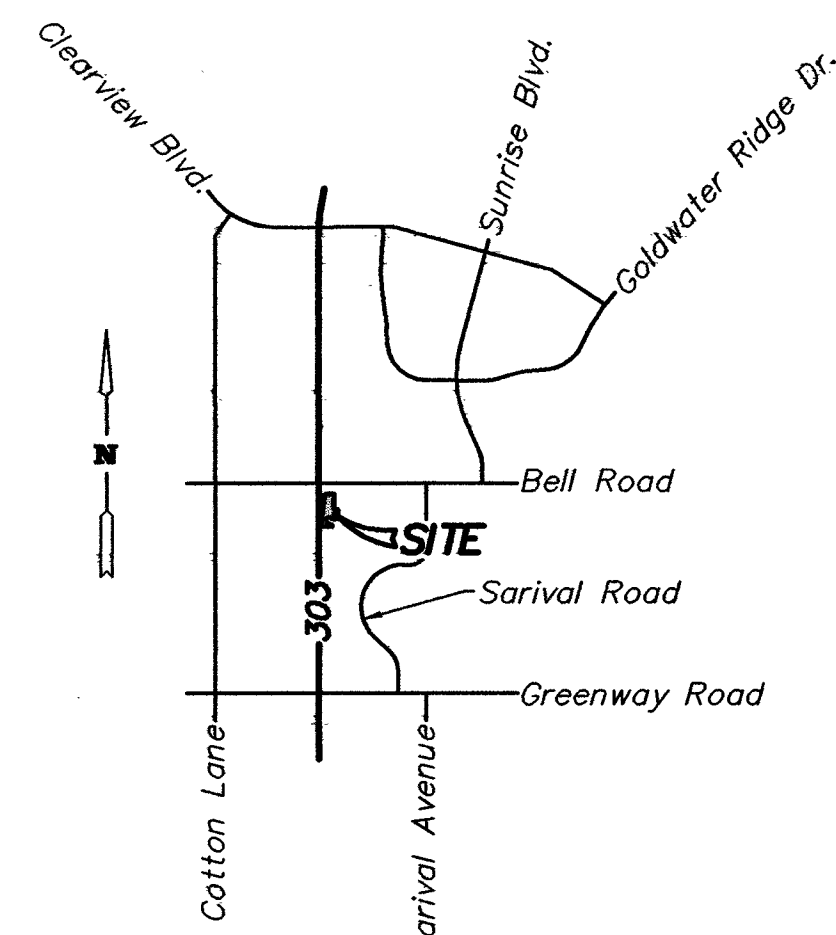
1. SHARED ACCESS AND CROSS ACCESS IS STATED IN THE CONDITIONS COVENANTS AND RESTRICTIONS SECTIONS 5 AND 5.1 OF DOC. NO. 2006-1658065, MCR.

2. THE PROPERTY IS LOCATED WITHIN AN AREA HAVING FLOOD ZONE DESIGNATION "X" BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, ON FLOOD INSURANCE RATE MAP NO. 040130220L WITH A DATE OF IDENTIFICATION OF OCTOBER 16, 2013 FOR COMMUNITY NO. 040053, IN MARICOPA COUNTY, STATE OF ARIZONA, WHICH IS THE CURRENT FLOOD INSURANCE RATE MAP FOR THE COMMUNITY IN WHICH SAID PROPERTY IS SITUATED.

CERTIFICATION

I, DENNIS F. KEOGH, HEREBY CERTIFY THAT I AM A REGISTERED LAND SURVEYOR IN THE STATE OF ARIZONA, THAT THIS MAP, CONSISTING OF 1 SHEET CORRECTLY REPRESENTS A BOUNDARY SURVEY MADE UNDER MY SUPERVISION DURING THE MONTH OF AUGUST, 2018 THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN, MEETS THE MINIMUM STANDARDS FOR ARIZONA LAND BOUNDARY SURVEYS, ALL MONUMENTS SHOWN ACTUALLY EXIST AS SHOWN, THEIR POSITIONS ARE CORRECTLY SHOWN AND THAT SAID MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

BY: D. F. Keogh 10846 10/12/18
REGISTERED LAND SURVEYOR REGISTRATION NO. DATE



VICINITY MAP
Not to Scale

OWNER

BELL ROAD & 303, LLC
C/O W.M. GRACE COMPANIES
6925 EAST INDIAN SCHOOL ROAD
SCOTTSDALE, ARIZONA 85251
CONTACT: JOHN DORSETT
PHONE: 602-956-8254
EMAIL: JDORSETT@WMGRACECO.COM

SURVEYOR

KEOGH ENGINEERING INC.
650 NORTH 137TH AVENUE
SUITE 110
GOODYEAR, ARIZONA 85338
PHONE: 623-535-7260
CONTACT: DENNIS KEOGH

BASIS OF BEARINGS

N89°23'35"W ALONG THE NORTH LINE OF THE NORTHEAST QUARTER OF SECTION 1, TOWNSHIP 3 NORTH, RANGE 2 WEST, GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA PER BOOK 1118 OF MAPS, PAGE 15, MCR

TOTAL SITE AREA

230,759 S.F.=5.297 Acres

ASSESSOR'S PARCEL NO.

APN 501-12-941

REFERENCE DOCUMENTS

- MEMORANDUM OF LEASE RECORDED IN DOCUMENT NO. 2018-0042056, MCR, BETWEEN BELL ROAD & 303, LLC AND FITNESS INTERNATIONAL, LLC.
- FINAL PLAT OF SURPRISE VILLAGE MARKETPLACE RECORDED IN BOOK 1118 OF MAPS, PAGE 15, MCR.
- SPECIAL WARRANTY DEED RECORDED IN DOCUMENT NO. 2006-1658063, MCR.

PUBLIC NOTICE

THE PARCELS DEPICTED ON THIS PLAT ARE LOCATED WITHIN THE VICINITY OF LUKE AIR FORCE BASE AND MAY BE SUBJECT TO OVERFLIGHTS BY JET AIRCRAFT. ALL STRUCTURES WITHIN THIS PLAT SHALL BE CONSTRUCTED IN COMPLIANCE WITH THE SOUND ATTENUATION STANDARDS ADOPTED BY THE CITY OF SURPRISE. A MAP DEPICTING THE 1988 MAG NOISE CONTOUR LINES IN RELATION TO THIS PLAT SHALL BE DISPLAYED IN ALL SALES OFFICES. ADDITIONAL INFORMATION MAY BE OBTAINED BY CONTACTING THE CITY OF SURPRISE COMMUNITY DEVELOPMENT DEPARTMENT.

APPROVAL

CITY OF SURPRISE ENGINEER APPROVAL

DATA ON THIS PLAT REVIEWED AND APPROVED THIS _____ DAY OF _____, 2018 BY THE ENGINEER OF SURPRISE, ARIZONA.

APPROVED: _____ CITY ENGINEER DATE _____

CITY OF SURPRISE COUNCIL APPROVAL

APPROVED BY THE CITY COUNCIL OF THE CITY OF SURPRISE, ARIZONA THIS DAY OF _____, 2018

APPROVED: _____ MAYOR DATE _____

ATTEST: _____ CITY CLERK DATE _____

LEGEND

- | | |
|-----|--|
| APN | ASSESSOR'S PARCEL NUMBER |
| MCR | MARICOPA COUNTY RECORDER |
| ○ | SURVEY MONUMENT |
| ● | PROPERTY BOUNDARY CORNER (SET 1/2" REBAR WITH CAP L510846) |
| — | PROPERTY LINE |
| --- | STREET CENTERLINE |
| --- | ADJACENT LOT OR R/W |
| --- | EASEMENT LINE |



FINAL PLAT
FOR
"BELL ROAD & 303, LLC"

Keogh Engineering, Inc.
650 N. 137TH AVE. #110 • GOODYEAR, ARIZONA 85338
PHONE: (623) 535-7260
EMAIL: keogh@keoghenr.com

SHEET 1 OF 1
NO. LOTS = 2
GROSS AREA: 5.297 Ac.

JOB NO. 21355 MAP NO. E-21355



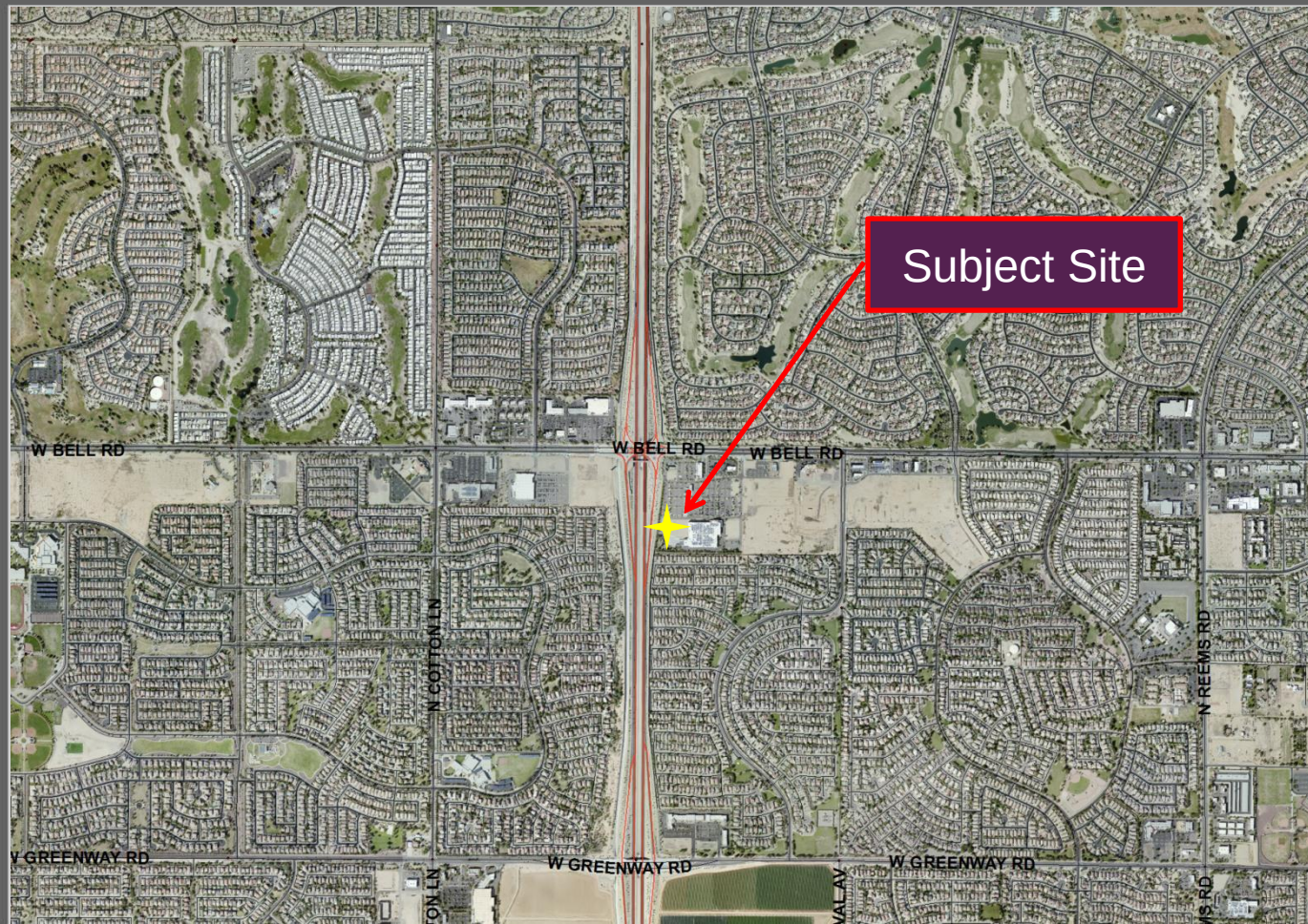
S U R P R I S E

A R I Z O N A

City Council

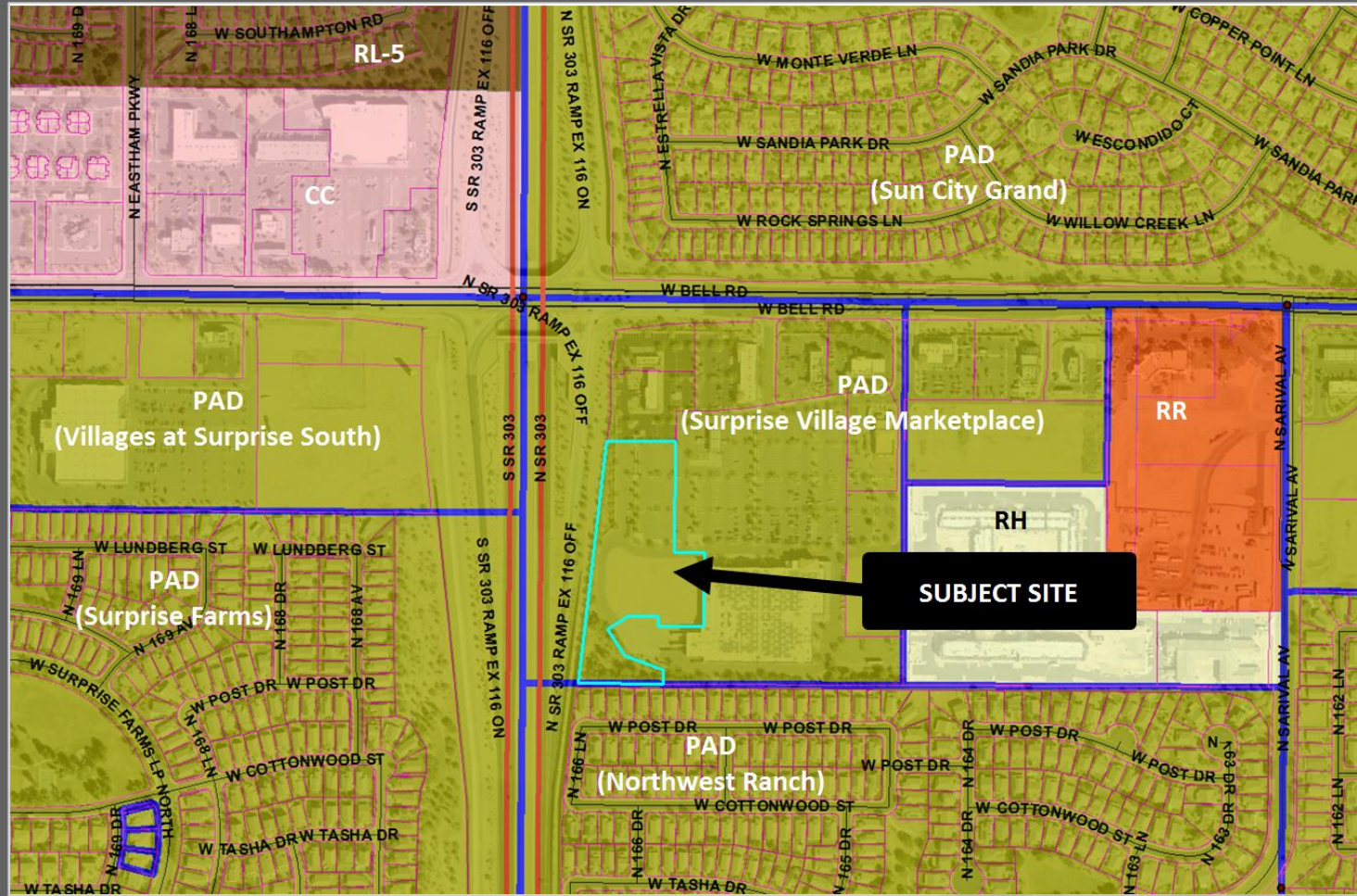
November 06, 2018

FS18-411 – Bell Road & 303 Re-Plat



Subject Site

FS18-411 Vicinity Map



FS18-411 Case Map



SURPRISE

ARIZONA

**QUESTIONS OR
COMMENTS?**

Thank You



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date:	November 6, 2018	Contact Person:	Brian Carmichael
Submitting Department:		District:	Citywide
Staff Recommendations:	Approve		

Consent	x	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to authorizing submission of the Request for Exemption from posting statutory deposit to the Industrial Commission of Arizona.

Motion:

I move to approve and authorize submission of the Request for Exemption from Requirement to Post Statutory Deposit to the Industrial Commission of Arizona.

Background:

On January 30, 2017, Council approved by Resolution #2017-003 the funding of a self-insured workers' compensation program. With this approval comes certain regulatory compliance measures in addition to an annual application to the Industrial Commission of Arizona requesting authority to self-insure. In lieu of posting securities for outstanding workers' compensation liabilities, Arizona Administrative Code R-20-5-1114, affords public entities the opportunity to request waiver of security deposit. This waiver is considered by application to the Industrial Commission of Arizona and requires signature from the majority of Council, requesting such exemption be granted.

Objective Analysis:

This Action is to obtain consent from Council to submit an exemption letter to the State of Arizona Industrial Commission, seeking approval to waive the requirement to post a security deposit for outstanding workers' compensation liabilities.

Policy Compliant:

The action requested complies with all applicable statutes and codes and furthers the City Council's continuing agenda to be fiscally responsible and proactive.

Financial Impact:

The transition of the workers' compensation program has resulted in approximate savings of \$1.2m in FY18.

Budget Impact:

This requested action aims to avoid posting of statutory securities; thus, preserving contingency funds held within the Workers' Compensation Trust.

FTE Impact:

No FTE impact associated with this action.

ATTACHMENTS:

Click to download

[Request for Exemption to Post Statutory Deposit](#)



Risk Management
16000 N. Civic Center Plaza
Surprise, AZ 85374-7470
Phone: 623-222-3531
Fax: 623-222-3501

City of Surprise

COUNTY OF MARICOPA

I, Sherry Aguilar, City Clerk of the City of Surprise, Maricopa County, within the State of Arizona, do hereby attest that the attached is the original Request for Exemption from Requirement to Post Statutory Deposit for the City of Surprise in accordance with the Arizona Administrative Code and for its Self-insured Workers' Compensation Program, has been duly approved and signed by the City Council on_____.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the official seal of the City of Surprise to be affixed hereunto this_____day of November 2018.

Sherry Aguilar, City Clerk of the City of Surprise

Request for Exemption from Requirement to Post Statutory Deposit

Pursuant to the Arizona Administrative Code, subsection R20-5-1114 (A & B), this document constitutes a certified statement from the City of Surprise, an Arizona Municipality, duly qualified and authorized Arizona Workers' Compensation Self-insurer.

The City of Surprise hereby requests the Industrial Commission of Arizona (ICA) approve an alternate (exemption) from the positing of a statutory deposit, of which the current approved types are as follows: Letter of credit; a surety bond; U.S. Treasury notes or establishing a local government investment pool (LGIP) account. This request is made in accordance with A.A.C. R20-5-1114 and shall cover the City of Surprise unpaid Workers' Compensation claims liability, as outlined in the foregoing statement.

The City of Surprise, Arizona states:

1. The City of Surprise has established a self-insurance trust pursuant to A.R.S. 11-981 (A-F), Section 4-4 of the Surprise Arizona Code of Ordinances, and expressed authorization by the Surprise City Council.
2. The City of Surprise shall conduct an actuary report on an annual basis. The City will attempt to maintain a Workers' Compensation Trust Fund reserve fund balance equivalent to 85% confidence interval of the projected total outstanding claims liability as recommended by the Workers' Compensation Trust. The fund balance will comply with the exemption mandate and not fall below the actuary recommended funding levels of 50-55 percent of the ultimate liability.
3. The Workers' Compensation Trust Fund is sufficient to cover actuarial liabilities for workers' compensation as determined by the self-insurer in accordance with Government Accounting Standards Board Statement #10 (replaced by GASB No. 34); and
4. The City of Surprise provides funding to the Workers' Compensation Trust Fund established pursuant to A.R.S. 11-981 (A-F) each year. The amount held for workers' compensation purposes within the trust is sufficient to cover actuarial liabilities for workers' compensation claims as determined by the self-insurer's actuary in accordance with Government Accounting Standards Board Statement #10 (replaced by GASB No. 34).
5. The City's governing body, or designee, shall immediately notify the ICA and provide security as provided by and in this Article, if the governing body, or designee, learns that the Workers' Compensation Trust Fund has insufficient funds to cover all workers' compensation liabilities of the City of Surprise.
6. Pursuant to items 1 through 4, the City of Surprise meets the conditions required under A.R.S. 11-981 (A-F) and the Arizona Administrative Code, Subsection R20-5-1114 (A&B).
7. The Signatures below represent a majority of the governing body (City Council) members.

Signed _____ Date _____

Signed _____ Date _____

Signed _____ Date _____

Signed _____ Date _____

Signed _____ Date _____

Signed _____ Date _____

Signed _____

Date _____



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date: November 6, 2018 Contact Person: Lisa Angelini, Human Resources
Submitting Department: District: Internal
Staff: None
Recommendations:

Consent	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to approval of an Employment Agreement with Michael Frazier appointing him City Manager pursuant to Surprise Municipal Code Sec. 2-120.

Motion:

I move to approve the City Manager Employment Agreement with Michael Frazier for the position of City Manager.

Background:

With the resignation of current City Manager, Bob Wingenroth, this action will allow the council to appoint a replacement. The negotiated contract provides for a base salary of \$230,000 annually and no other compensable factors or severance package. Mr. Frazier will receive all benefits, including stipends and reimbursable expenses, on the same basis as non-represented City employees in accordance with the City's ordinances, policies and procedures. Notwithstanding the above, Mr. Frazier will accrue paid time off (PTO) at a rate of 10.77 hours per pay period (280 hours per year) and be provisioned with transportation under the same terms and conditions Employee was afforded as an Assistant City Manager.

Objective Analysis:

Appointment will result in an uninterrupted transition of management.

Policy Compliant:

This action is consistent with Surprise Municipal Code Section 2-120 which requires appointment of the City Manager by contract.

Financial Impact:

The proposed agreement will result in a salary of \$230,000 annually which is the amount approved by City Council for the former City Manager on 9/18/18.

Budget Impact:

The expenditure will increase the departments ongoing operating expenditures. This increase will be included in the FY2020 budget and FY2019 may require a year end budget amendment.

FTE Impact:

This item does not impact the full-time position count.

ATTACHMENTS:

Click to download

[City Manager Employment Agreement - Frazier](#)

City Manager Employment Agreement

THIS AGREEMENT, between the Mayor and Council of the City of Surprise Arizona ("City") and Michael Frazier ("Employee"), is authorized by Ariz. Rev. Stat. §9-271, entered into pursuant to Surprise Municipal Code §§ 2-120 and 2-121, and shall commence ("Effective Date") without further action immediately upon the departure of the current City Manager. The following sets forth the duties and responsibilities of the Parties:

1. Upon the Effective Date of this Agreement, Employee will perform all duties of the position of City Manager for the City as set forth in the Surprise Municipal Code, using reasonable care, diligence, skill, and expertise to fulfill Employee's role as City Manager.
2. Employee agrees to devote such time as is necessary for the full and proper performance of the Employee's duties, including work outside normal business hours, and to perform such duties exclusively for the City of Surprise.
3. The City will formally evaluate the performance of Employee on an annual basis, defining such goals and performance objectives as deemed necessary.
4. The City supports Employee's desire to maintain a Servant Leadership Model throughout the organization, the primary principles of which are set forth in the attached Ten Principles of Servant Leadership by Robert Greenleaf. City agrees to make available the resources Employee needs to maintain this model.
5. Beginning the first pay period after the Effective Date of this Agreement, City will pay Employee a biweekly salary of \$8,846.15 (\$230,000 per year) in accordance with the normal and usual procedure for payment of employees by the City. Salary will be adjusted annually on the same basis as non-represented employees, consistent with City's compensation policies (e.g. performance pay, market adjustments, cost of living adjustments, etc.) as approved by the City Council as part of the annual budget process. This Agreement will be automatically amended to reflect any such salary adjustments.
6. Employee will receive all benefits, including stipends and reimbursable expenses, on the same basis as non-represented City employees in accordance with the City's ordinances, policies and procedures. Notwithstanding the above, Employee will accrue paid time off (PTO) at a rate of 10.77 hours per pay period (280 hours per year) and be provisioned with transportation under the same terms and conditions Employee was afforded as an Assistant City Manager.
7. The Parties understand and agree that Employee serves at the pleasure of the Mayor and Council and that either party may terminate this Agreement at any time and for any reason upon 30 day written notice delivered in person or by mail to:

Mayor, City of Surprise
16000 N. Civic Center Plaza
Surprise, Arizona 85374

Michael Frazier,
16000 N. Civic Center Plaza
Surprise, Arizona 85374

Notice under this section is for the benefit of the City and can be waived, in whole or in part, by the City. Upon notice of termination under this section, the Parties will agree upon an appropriate plan to transition to new organizational leadership.

8. To the extent permitted by law, City agrees to defend, hold harmless and indemnify Employee from all demands, claims, suits, acts, errors or other omissions in legal proceedings brought against Employee in the Employee's official capacity; or individually as long as the action is determined to be within the scope of employment. Should any acts, errors, or other alleged omissions be determined to be outside the scope of employment, the City may elect not to defend, hold harmless or indemnify.

9. This Agreement constitutes the entire agreement between parties, and both parties acknowledge that there are no other agreements, oral or otherwise. This Agreement cannot be amended or modified without the written concurrence of both parties, except as specifically set forth herein.

10. This Agreement will be interpreted in accordance with the law of the State of Arizona. If any provision or portion of this Agreement is held to be unconstitutional, invalid or unenforceable, the remaining portion will remain unaffected, and City and Employee will enter into negotiations to correct the Agreement's defect in order to assure the intent of the Agreement is carried out to the fullest extent possible.

11. Each Party has had opportunity to consult legal counsel for advice regarding the drafting of this Agreement and the provisions of this Agreement may not be construed against or in favor of either party.

IN WITNESS WHEREOF, the parties have caused this Agreement to be signed and executed as of this ____ day of _____.

City of Surprise

Employee

Mayor Sharon Wolcott

Michael Frazier

Approved as to Form:

City Attorney

Ten Principles of Servant Leadership

By Robert Greenleaf

Listening - Traditionally, leaders have been valued for their communication and decision making skills. Servant-leaders must reinforce these important skills by making a deep commitment to listening intently to others. Servant-leaders seek to identify and clarify the will of a group. They seek to listen receptively to what is being said (and not said). Listening also encompasses getting in touch with one's inner voice, and seeking to understand what one's body, spirit, and mind are communicating.

Empathy - Servant-leaders strive to understand and empathize with others. People need to be accepted and recognized for their special and unique spirit. One must assume the good intentions of coworkers and not reject them as people, even when forced to reject their behavior or performance.

Healing - Learning to heal is a powerful force for transformation and integration. One of the great strengths of servant-leadership is the potential for healing one's self and others. In "The Servant as Leader", Greenleaf writes, "There is something subtle communicated to one who is being served and led if, implicit in the compact between the servant-leader and led is the understanding that the search for wholeness is something that they have."

Awareness - General awareness, and especially self-awareness, strengthens the servant-leader. Making a commitment to foster awareness can be scary—one never knows that one may discover! As Greenleaf observed, "Awareness is not a giver of solace – it's just the opposite. It disturbs. They are not seekers of solace. They have their own inner security."

Persuasion - Servant-leaders rely on persuasion, rather than positional authority in making decisions. Servant-leaders seek to convince others, rather than coerce compliance. This particular element offers one of the clearest distinctions between the traditional authoritarian model and that of servant-leadership. The servant-leader is effective at building consensus within groups.

Conceptualization - Servant-leaders seek to nurture their abilities to "dream great dreams." The ability to look at a problem (or an organization) from a conceptualizing perspective means that one must think beyond day-to-day realities. Servant-leaders must seek a delicate balance between conceptualization and day-to-day focus.

Foresight - Foresight is a characteristic that enables servant-leaders to understand lessons from the past, the realities of the present, and the likely consequence of a decision in the future. It is deeply rooted in the intuitive mind.

Stewardship - Robert Greenleaf's view of all institutions was one in which CEO's, staff, directors, and trustees all play significance roles in holding their institutions in trust for the great good of society.

Commitment to the Growth of People - Servant-leaders believe that people have an intrinsic value beyond their tangible contributions as workers. As such, servant-leaders are deeply committed to a personal, professional, and spiritual growth of each and every individual within the organization.

Building Community - Servant-leaders are aware that the shift from local communities to large institutions as the primary shaper of human lives has changed our perceptions and has caused a feeling of loss. Servant-leaders seek to identify a means for building community among those who work within a given institution.



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date:	November 6, 2018	Contact Person:	Eric Fitzer - Community Development
Submitting Department:		District:	4
Staff Recommendations:	Approve		

Consent	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to approval of the purchase of approximately 0.59 acres of unimproved real property within the Original Townsite commonly known as 16009 N. Nash Street, Surprise, Arizona for \$116,000.00; Resolution # 2018-180.

Motion:

I move to approve Resolution #2018-180.

Background:

City staff has conducted, through consultants, an Environmental Phase 1 and an Appraisal. The Environmental phase 1 came back favorable, and thus no further environmental investigation of the subject property is required at this time.

Objective Analysis:

Purchase of the property will allow for the City to move forward with future planning of the City services in the Original Townsite. The environmental phase 1 was favorable.

Potential negative impacts could be that the City would no longer collect property taxes. Long term operations and maintenance of the property would be at the City's expense.

Policy Compliant:

The purchase of the property is compliant with the Council priority of reinvigorating and redeveloping the Original Town Site of the City of Surprise.

Financial Impact:

To acquire the property will cost the City \$116,000 with potential closing costs. There will also be ongoing costs associated with operations and maintenance of the property for the foreseeable future.

Budget Impact:

The funding source for this purchase is General Capital Projects Fund, Community Development #P42010 OTS Land Acquisition. Current Balance is \$379,739. The purchase of the Property at \$116,000 would leave a balance of \$263,739.

FTE Impact:

This item does not have an impact on current staff levels.

ATTACHMENTS:

Click to download

[Resolution 2018-180](#)

[OTS Property Presentation](#)

RESOLUTION # 2018-180

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF SURPRISE, ARIZONA, AUTHORIZING AND DIRECTING THE CITY MANAGER, CITY ATTORNEY AND CITY STAFF TO TAKE ANY AND ALL ACTION NECESSARY; TO SIGN ANY AND ALL DOCUMENTS; TO EXECUTE A PURCHASE AGREEMENT AND JOINT ESCROW INSTRUCTIONS AND OTHER NECESSARY AGREEMENTS, INSTRUMENTS AND DOCUMENTS FOR THE PURCHASE OF .59 ACRES OF REAL PROPERTY, LOCATED AT 16009 NORTH NASH STREET FROM SAMUEL P SIMMONS FAMILY LIVING TRUST.

WHEREAS, pursuant to ARS § 9-241(A), a municipal corporation may purchase, receive, hold, lease and convey property, real and personal, as may be necessary or proper to carry out the purposes of the corporation, within or without its limits;

WHEREAS, Samuel P Simmons Family Living Trust owns 0.59 acres of land located at 16009 North Nash Street Surprise, Arizona ("Property");

WHEREAS, the City of Surprise has identified the Property as a strategic investment within the City's Original Townsite;

WHEREAS, the City of Surprise procured a Phase 1 Environmental Site Assessment prepared by Western Technologies Inc. which when concluded found no evidence of adverse environmental impacts on the Property, and further site due diligence concluded that no further environmental investigation of the Property is required at this time;

WHEREAS, the City of Surprise commissioned an appraisal which was conducted by Appraisal Technology Inc., and which determined the Property's current market value to be \$65,000;

WHEREAS, based on the appraised value of the Property and extensive negotiations between the parties, the City of Surprise has offered, and the Samuel P Simmons Family Living Trust has accepted, a sale price of \$116,000;

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Council of the City of Surprise, Arizona, as follows.

Section 1. The City is hereby authorized to enter into a purchase agreement with Samuel P Simmons Family Living Trust for the purchase of the Property for the agreed upon purchase price of \$116,000.

Section 2. The City Manager, or his designee, is hereby authorized to execute and submit all documents and other necessary or desirable instruments in connection with said agreement and to fully convey the Property to the City.

APPROVED AND ADOPTED this____ day of _____, 2018

Sharon R. Wolcott, Mayor

Attest:

Approved as to form:

Sherry Aguilar, City Clerk

Robert Wingo, City Attorney



Resolution #2018-XX
16009 North Nash Street, Surprise,
Arizona Property Purchase

November 6, 2018

Property

- § The City has made an offer and representatives from the Samuel Simmons Family Living Trust , the property owners, have agreed to sell
- § The land has been identified for use as part of a Mixed-use Redevelopment project within the Heritage District
- § The property is approximately 0.59 acres



SURPRISE
ARIZONA

**QUESTIONS OR
COMMENTS?**

Thank You



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date: November 6, 2018 Contact Person: Bob Wingenroth, City Manager
Submitting Department: District: 1
Staff: None
Recommendations:

Consent	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Discussion and action pertaining to approval of an amendment to the Fiscal Year 2019 Budget by reallocating appropriations in an amount not to exceed \$145,000 from contingency within the Grants Fund to the General Capital Projects Fund and Community Recreational Services Department General Fund; and amending the capital and operating list of items over \$50,000 for the purpose of installing lights and the associated annual operational costs for Dick McComb Dog Park; Resolution # 2018-175.

Motion:

I move to approve Resolution # 2018-175.

Background:

In the fall of 2015, the Surprise Farms Community Park (now named Dick McComb City Park) improvement project was completed with several new amenities including the city's second dog park. During construction, public input determined that the original location for the dog park was not suitable. The city identified a more suitable location and additional funding was needed to complete the project. The project included 3 separate areas, fencing, drinking fountain and trash receptacles/doggie bag stations. The project funding did not include lights for the dog park. At the direction of Councilmember Winters and Councilmember Hall, a request was made to find options for lighting Dick McComb Dog Park. The dog park is a highly utilized amenity at the park; however it has limited usage during the evening hours due to not having lights. Currently the dog park is open 6 am to dusk. Lights would allow the dog park to remain open until 10 pm which is consistent with amenities on the eastern portion of Dick McComb City Park. Staff will discuss several lighting options for Council to consider that would help extend the hours of the dog park.

Objective Analysis:

Lights would extend the hours of the dog park which would allow patrons the ability to utilize the park after the sun goes down during the warm summer months and when the sun sets earlier in the winter months.

Policy Compliant:

This item requires a budget amendment and it is consistent with Surprise Financial policies to obtain Council approval of all budget amendments.

Financial Impact:

There will be one-time costs associated with the light installation based on the option selected of \$130,000. There will also be ongoing electrical and maintenance costs once the lights are installed of \$10,500.

Budget Impact:

This action will reallocate appropriations in the amount of \$130,000 from Grant Contingency to Lights at Dick McComb Dog Park capital project, #P54130 and \$10,500 to Community Recreational Services Department's services budget without exceeding the approved total annual budget for FY2019.

FTE Impact:

There are no FTE's associated with this item.

ATTACHMENTS:

Click to download

[Resolution 2018-175](#)

[McComb Park Lighting](#)

RESOLUTION # 2018-175

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF SURPRISE, ARIZONA, AMENDING THE FISCAL YEAR 2019 BUDGET BY REALLOCATING APPROPRIATION OF \$130,000 FROM CONTINGENCY WITHIN THE GRANTS FUND TO THE GENERAL CAPITAL PROJECTS FUND FOR THE INSTALLATION OF LIGHTS AT DICK MCCOMB DOG PARK, REALLOCATING APPROPRIATION OF \$10,500 FROM CONTINGENCY WITHIN THE GRANTS FUND TO THE COMMUNITY RECREATIONAL SERVICES DEPARTMENT GENERAL FUND FOR THE ANNUAL OPERATING COSTS FOR THE LIGHTS, AND AMENDING THE FISCAL YEAR 2019 CAPITAL AND OPERATING LIST OF ITEMS OVER \$50,000 BY \$130,000 FOR LIGHTS AT DICK MCCOMB DOG PARK.

WHEREAS, the completion of Dick McComb City Park in FY2016 included the construction of an unlighted dog park;

WHEREAS, the dog park is a highly desirable amenity that is unable to be utilized after dark due to lack of lighting;

WHEREAS, due to the heat during the daytime hours, having evening hours at the dog park is essential;

WHEREAS, a total of \$130,000 is needed to install lights at Dick McComb Dog Park to allow for evening utilization and \$10,500 is needed for the annual operating expenditures, primarily electricity costs;

WHEREAS, the funding is in contingency and a budget amendment is necessary to reallocate appropriation to capital;

WHEREAS, the FY2019 budget, including the FY2019 Capital and Operating List of Items Over \$50,000, was adopted by Council Resolution #2018-78 on June 5, 2018;

WHEREAS, the City of Surprise Procurement Code §2-338 (d) requires the authority of the Mayor and Council when the cost to the city is greater than \$50,000; and

WHEREAS, the City of Surprise Administrative Policies requires the approval of the Mayor and Council for budget amendments of this nature.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Council of the City of Surprise, Arizona, as follows.

Section 1. That the statements and schedules attached as *Exhibit A* and incorporated by reference are adopted, amending the budget of the City of Surprise, Arizona for the fiscal year July 1, 2018 through June 30, 2019.

APPROVED AND ADOPTED this ____ day of _____, 2018.

Sharon R. Wolcott, Mayor

Attest:

Approved as to form:

Sherry Aguilar, City Clerk

Robert Wingo, City Attorney

RESOLUTION # 2018-175

Exhibit A

1. Appropriation- The allocations below represent a reallocation of appropriations in the amount of \$130,000 from contingency within the Grants Fund to Project P54130 within the General Capital Projects Fund and a reallocation of \$10,500 from contingency within the Grant Fund to Community Recreational Services Department services budget. These allocations do not represent an actual transfer of funds, but only a transfer of spending authority.

Fund	Department	Project/Category	Rev/Exp	Current Budget	Increase/ (Decrease)	Amended Budget
Grants	General Operations	Contingency	Exp	\$21,242,900	(\$140,500)	\$21,102,400
General Capital Projects Fund	CRS	Capital-P54130	Exp	\$0	\$130,000	\$130,000
General Fund	CRS	Services	Exp	\$6,124,050	\$10,500	\$6,134,550
				\$27,366,950	\$0	\$27,366,950

2. List of Capital Items Over \$50,000- The list of Capital Items over \$50,000 will be amended to include the installation of lights at Dick McComb Dog Park.

Reference #	Description	Current Budget	Increase/ (Decrease)	Amended Budget
19406	Lights at Dick McComb Dog Park	\$0	\$130,000	\$130,000



SURPRISE
ARIZONA

Dick McComb Dog Park Lighting

November 6, 2018

Dick McComb Dog Park

CURRENT AMENITIES

- 2nd Dog Park in Surprise
- Almost 2 acres
- (3) separate dog run areas with water for dogs
- 6' tall chain link fence with entry and maintenance gates
- Park Benches
- Drinking Fountain (dogs/patrons)
- Park Landscaping
- Trash Receptacles/Doggie Bag Stations



Dog Park Lighting

LED PARK LIGHTING

- Staff recommended option
- Even light distribution and low maintenance
- Install approximately (15-17) steel poles w/ LED lights on concrete bases (height from 14'-20')
- Estimated one time cost \$130,000
- Estimated ongoing annual costs \$10,000 (electricity)



Dog Park Lighting

SPORTS LIGHTING

- Install (1-2) 60' galvanized steel pole with (6) factory aimed and assembled LED lights
- Light distribution and height potential issues
- Estimated cost \$60,000 - \$80,000
- Estimated ongoing annual cost \$10,000 (electricity)



Dog Park Lighting

SOLAR LIGHTING

- Install approximately (5-7) Solar Powered light Structures
- Light distribution
- Solar not as reliable / separate system
- Batteries replaced every 2-3 years
- Estimated cost \$80,000
- Estimated ongoing annual cost \$1,000-\$2,000





SURPRISE

ARIZONA

**QUESTIONS OR
COMMENTS?**

Thank You



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date:	November 6, 2018	Contact Person:	Karl Zook Public Works Assistant Director
Submitting Department:	Public Works	District:	1
Staff Recommendations:	None		

Consent	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action to reallocate appropriations from Roads of Regional Significance contingency to create a new capital project (P61530) to design and acquire the necessary right of way (ROW) for the intersection of 163rd Avenue and Jomax road, Resolution 2018-166.

Motion:

I move to approve Resolution 2018-166.

Background:

The Special Planning Area 2 (SPA2) region of the city continues to experience steady growth which in turn increases traffic volumes. The current configuration of the intersection of 163rd Avenue and Jomax Road is projected to fail in the near term future given the projected traffic volume data. Currently there are over 10,000 entitled lots for dwelling units in the SPA2 region. The design will include additional lanes, traffic signal, drainage provisions, and lighting. Once the project is designed and the ROW acquired, staff will present the recommended improvement plan and propose an amendment to this budget to allocate the construction funding.

Objective Analysis:

Advancing the design and ROW acquisition will allow the City to get ahead of the curve in improving traffic flows associated with the SPA2 area. Delaying the project will only further slow traffic flows within the City.

Policy Compliant:

This item is policy compliant.

Financial Impact:

The approval of this item will allow for the establishment of P61530 163rd Avenue and Jomax road intersection and the associated expenditures related to the design and ROW acquisition for the project.

Budget Impact:

This action will reallocate a total of \$490,000 of Roads of Regional Significance Fund contingency to fund design and ROW acquisition associated with the intersection of 163rd and Jomax road (P61530). If approved, and once design is at 90% we will return for an amendment for construction and/or incorporate the construction budget as part of the FY2020 budget process.

FTE Impact:

There are no FTE's associated with this item.

ATTACHMENTS:

Click to download

[RFLS 6485](#)

[Resolution 2018-166](#)

RFLS NO:	6485
SUBMIT DATE:	10/9/2018

**SURPRISE CITY ATTORNEY
REQUEST FOR LEGAL SERVICES**

Please retain form with document throughout the entire process.

Requestor: David Kohlbeck

Department & Extension: Public Works, Ext. 26025

Contract Title: Res. 2108-166 BA Build-Out Intersection 163rd & Jomaz Road

Date of Contract, Event/Performance: 10/26/2018

Description of Legal Services Requested: Resolution for a budget amendment

Vendor Name, Address & Phone:

To Council? Yes, with Resolution

If Yes, Council Meeting Date: 11/06/2018

*****City Attorney's Office Use*****

RFLS Status: Approved

Attorney Comment:

See final resolution.

CINDY.COEN

City Attorney's Office

10/15/2018

Date

10/15/2018 10:35:30 AM

RESOLUTION # 2018-166

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF SURPRISE, ARIZONA, AMENDING THE FISCAL YEAR 2019 BUDGET BY REALLOCATING APPROPRIATIONS OF \$490,000 FROM ROADS OF REGIONAL SIGNIFICANCE TO CREATE A NEW CAPITAL PROJECT (P61530) GEOMETRIC IMPROVEMENTS (163RD/ JOMAX) TO DESIGN AND ACQUIRE THE NECESSARY RIGHT OF WAY (ROW) FOR THE EVENTUAL BUILD OUT THE INTERSECTION OF 163RD AVENUE AND JOMAX ROAD.

WHEREAS, the Public Works and Community Development department have been working with developers in the SPA2 service area to improve travel;

WHEREAS, the Public Works and Community Development department have determined that one enhancement for the area is to fully build out the intersection of 163rd Avenue and Jomax road;

WHEREAS, the City has identified \$490,000 necessary to design and acquire the necessary ROW in order to construct the intersection;

WHEREAS, the FY2019 budget, including the FY2019 Capital and Operating List of Items Over \$50,000, was adopted by Council Resolution #2018-78 on June 5, 2018;

WHEREAS, the City of Surprise Procurement Code §2-388 (d) requires the authority of Mayor and Council when the cost to the city is greater than \$50,000;

WHEREAS, this action will necessitate a budget amendment; and

WHEREAS, the City of Surprise Administrative Policies requires the approval of the Mayor and Council for budget amendments of this nature.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Council of the City of Surprise, Arizona, as follows.

Section 1. That the statements and schedules attached as *Exhibit A* and incorporated by reference are adopted, amending the budget of the City of Surprise, Arizona for the fiscal year July 1, 2018 through June 30, 2019.

APPROVED AND ADOPTED this ____ day of _____, 2018.

Sharon R. Wolcott, Mayor

Attest:

Approved as to form:

Sherry Aguilar, City Clerk

Robert Wingo, City Attorney

RESOLUTION # 2018-XX**Exhibit A**

1. Appropriation - The allocation below represents a reallocation of appropriations in the amount of \$490,000 for State Land right of way acquisition and design services for the intersection of 163rd Avenue and Jomax road. These allocations do not represent an actual transfer of funds, but only a transfer of spending authority.

Fund	Department	Project/Category	Rev/ Exp	Current Budget	Increase/ (Decrease)	Amended Budget
Rds Reg. Sig. SPA 2 4 and 6	Public Works	#P61530 Geometric Improvements (163rdAve/Jomax Rd)	E	\$0.00	490,000	\$490,000
Rds Reg. Sig. SPA 2 4 and 6	General Operations	Contingency	E	\$2,503,200	(490,000)	\$2,013,200

2. Council approved monies for Fiscal Year 2019 Capital and Operating List of Items Over \$50,000. With this budget amendment an additional capital project P61530 will be added to the list in the amount of \$490,000.

Reference #	Project	Description	Current Amount	Increase/ (Decrease)	Amended Amount
CAPITAL PROJECTS					
19405	Geometric Improvements (163rd/Jomax Rd)	Design & ROW Acquisition (P61530)	\$0	\$490,000	\$490,000



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date:	November 6, 2018	Contact Person:	Terry Lowe, Water Resource Management
Submitting Department:		District:	1
Staff Recommendations:	None		

Consent	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to the approval of the SPA3 Regional Wastewater Treatment Plant Capacity Allocation Agreement between the City of Surprise and Klondike Land Portfolio, LLC, Surprise Foothills Master, LLC, Mesquite Mountain Ranch Investments, LLC, and Buena Visa Holding, LLC; Resolution #2018-177.

Motion:

I move to approve Resolution #2018-177.

Background:

The Regional SPA3 Water Reclamation Facility (WRF) was designed and constructed by the development group under the wastewater design factor of 250 gallons per day per equivalent dwelling unit (EDU). Since that time, the City has lowered its design factor to 210 gallons per day per EDU. This reduction allows for additional treatment capacity in the SPA3 WRF.

This First Amendment modifies the developers' and City's obligations pertaining to the arsenic treatment facility. This amendment clarifies approval language for the developer and identifies the City's share of the facility's design costs proportionate to the City's capacity within the facility.

Objective Analysis:

Positive Impacts: The City would allow more homes in SPA3 to be treated before additional treatment capacity would need to be constructed.

Negative Impacts: Additional wastewater treatment would need to be constructed sooner.

Policy Compliant:

This action is compliant with Council policy relative to growth paying for itself.

Financial Impact:

The one-time costs of the design of the Arsenic Treatment systems was approved by Council as CIP #P71020 in FY18 and shall be carried forward until expensed.

Budget Impact:

None at this time. The City does not currently operate this facility. Based on anticipated flow patterns, the City expects to take over operation in the next 5 years. The incremental maintenance and operations expenses associated with the facility will be incorporated in future budgets.

FTE Impact:

No new FTEs are anticipated at this time.

ATTACHMENTS:

Click to download

[Agreement](#)

[Resolution 2018-177](#)

AFTER RECORDING, RETURN TO:

City Clerk
CITY OF SURPRISE
16000 N. Civic Center Plaza
Surprise, AZ 85374

With a copy to:
Jeffrey Blilie
Beus Gilbert PLLC
701 N. 44th Street
Phoenix, AZ 85008

**SPA 3 REGIONAL WASTEWATER TREATMENT PLANT CAPACITY ALLOCATION
AGREEMENT**

THIS SPA 3 REGIONAL WASTEWATER TREATMENT PLANT CAPACITY ALLOCATION AGREEMENT (“**Agreement**”) is entered into as of the _____ day of _____, 2018 by and between the City of Surprise, an Arizona municipal corporation (“**City**”), Klondike Land Portfolio, LLC, an Arizona limited liability company (“**Klondike**”) and Surprise Foothills Master, LLC, an Arizona limited liability company (“**Surprise Foothills**”), Mesquite Mountain Ranch Investments, LLC, an Arizona limited liability company (“**MMR**”), , 317 LLC, an Arizona limited liability company (“**317**”) and Buena Vista Holdings, LLC, an Arizona limited liability company (“**Buena Vista**”). Klondike, Surprise Foothills, MMR, 317 and Buena Vista shall be referred to herein individually as “**Owner**” and collectively as “**Owners**.”

RECITALS:

- A. City, Surprise Foothills, MMR, 317 and Buena Vista are parties to that certain SPA 3 Water Reclamation Facility Development Agreement recorded with the Maricopa County Recorder as Document No. 2006-0324074 on March 9, 2006, as amended by that certain First Amendment to the SPA 3 Water Reclamation Facility Development Agreement recorded with the Maricopa County Recorder as Document No. 2008-0267516. (“**SPA 3 DA**”), within which Surprise Foothills, MMR, 317 and Buena Vista are recognized as collectively having 1,320 equivalent dwelling units (“EDUs”) of capacity in the Austin Ranch Wastewater Plant, e.g. SPA 3 Regional Wastewater Treatment Plant (“**Facility**”), or 54.97% of the 600,000 gallons per day (GPD) of wastewater capacity allocated to certain parties as identified in the SPA 3 DA.
- B. Subsequent to the approval of the SPA 3 DA, Surprise Foothills, 317, MMR and Buena Vista acquired the wastewater capacity allocated to Surprise Ranch and Sierra Norte, resulting in Surprise Foothills, MMR, 317 and Buena Vista acquiring an additional 226 EDUs or 9.42% of the 600,000 gallons per day (GPD) of wastewater capacity in the Facility allocated to certain parties as identified in the SPA 3 DA.
- C. City and Maracay Rio Rancho L.L.C. (Klondike is the successor-in-interest to Maracay Rio Rancho L.L.C.) are parties to that certain Development Agreement (Rio Rancho Estates) (“**Rio Rancho DA**”) recorded as Instrument No. 2007-1324743, Records of

Maricopa County, Arizona, within which Klondike is recognized as having 232,500 GPD of capacity in the Facility.

- D. At the time the SPA 3 DA and the Rio Rancho DA were approved, the City had a wastewater usage standard of 250 GPD/EDU. Subsequent to approving the aforementioned agreements, the City revised its wastewater usage standard to 210 GPD/EDU.
- E. The purpose of this Agreement is to identify and establish the number of EDUs allocated to Owners using the new City wastewater usage standard and provide Owners with a means of selling excess EDUs.

AGREEMENT:

NOW, THEREFORE, in consideration of the foregoing premises and the mutual covenants and agreements contained and herein, City and Owners, state, confirm and agree as follows:

1. Owners' Capacity.

(a) City recognizes and agrees that Klondike has 232,500 GPD of wastewater capacity in the Facility and that Surprise Foothills, MMR, 317 and Buena Vista collectively have 386,340 GPD (64.39% of approximately 600,000 GPD) of wastewater capacity in the Facility. Based on a wastewater usage standard of 210 GPD/EDU, the City agrees that each Owner shall have at least the following amount of EDUs of wastewater capacity in the Facility.

<u>Owner</u>	<u>EDUs of Capacity Allocated</u>
Surprise Foothills	672
MMR	455
317	292
Buena Vista	421
Klondike	1,107

(b) For purposes of this Agreement, one EDU will equal the capacity requirements associated with the issuance of a building permit utilizing the following table:

Meter Size	EDU Equivalent	Meter Size	EDU Equivalent
1" or less	1	4" Turbine	16
1.5" Displacement	3	6" Compound	26
2" Displacement	5	6" Turbine	33
3" Compound	9	8" Compound	42
3" Turbine	10	8" Turbine	47
4" Compound	14		

(c) Each EDU of capacity shall entitle the Owner of such capacity to full satisfaction of any wastewater capacity requirements associated with the issuance of a building permit for a home or structure with a water meter of 1" or less, or a portion (based on the table

above) of the wastewater capacity requirements associated with the issuance of a building permit for a structure with a water meter greater than 1" in size, and credit against/waiver of any associated wastewater development impact fees.

(d) When the Facility has reached an average daily flow of approximately 600,000 GPD (1/3 of total rated capacity), the City will evaluate the flows and calculate the average amount of wastewater per EDU being treated by the Facility. In the event the calculated per EDU amount is less than the wastewater usage standard of 210 GPD/EDU, the City will provide additional EDUs of capacity to each of the Owners based on the actual per EDU amount. Each Owner will be entitled to its proportionate share of the additional EDUs. By way of example, if the average amount of wastewater per EDU actually being treated by the Facility is 195 GPD/EDU, then Owners would collectively be entitled to an additional 226 EDUs ($618,840 / 210 = 2,947$; $618,840 / 195 = 3,173$; $3,173 - 2,947 = 226$). In the event the calculated per EDU amount is more than the wastewater usage standard of 210 GPD/EDU, the City may reduce the number of EDUs of capacity for each of the Owners based on the actual per EDU amount. In such event, each Owner would have its share of EDUs reduced proportionately. For example, if the average amount of wastewater per EDU actually being treated by the Facility is 220 GPD/EDU, then Owners would collectively be entitled to 134 fewer EDUs ($618,840 / 210 = 2,947$; $618,840 / 220 = 2,813$).

2. Sale of Owners' Capacity. The parties intend for the Owners' capacity in the Facility to be negotiable among and between Owners and/or any third parties in the Facility's service area. Therefore, the parties agree that:

(a) The sale price for one EDU of capacity will be no more than the actual cost of construction plus interest (prime plus 2%) compounded annually from November 1, 2008. At the time of this Agreement, the per EDU cost is Four Thousand and Two Dollars (\$4,002.00). Any sale proceeds in excess of the sale price, as calculated under this Section, must be remitted to the City within 60 days of the sale. Any money not timely remitted under this section will incur interest at a rate of 10% per annum.

(b) All sales activity of Owners' capacity will be coordinated by the Owners' Representative (defined herein), and must be evidenced by the execution of a Bill of Sale in substantially the form as attached hereto as Exhibit A.

(c) Any EDU from Owners' capacity pledged to secure the approval of a final plat or site plan may not be sold or otherwise transferred. The EDUs so pledged are permanently tied to the parcel for which the EDUs were pledged upon approval of the final plat or site plan.

(d) Owners agree that any sale of any portion of the Owners' capacity is at each Owner's own risk. The City has no obligation to serve any portion of the Facility's service area except those parcels to which EDUs from the Owners' capacity have been pledged.

3. City's Control and Utilization Capacity.

(a) Upon City's acceptance of the Facility, City will control all of the wastewater capacity of the Facility and the use of any portion of the Facility subject only to the terms and conditions of this Agreement and any other agreements governing the Facility.

(b) City understands that use of the Facility wastewater capacity above and beyond the Owners' capacity, without expansion of the Facility, may result in an over allocation of Facility capacity. Owners will not be subject to any moratorium imposed by City because of a shortage or limitation of wastewater treatment capacity at the Facility, unless it is determined that the wastewater usage standard is to be reduced from 210 GPD/EDU with a corresponding reduction in the number of allowed EDUs, and an expansion of the Facility would be required to serve the Owners' development.

4. Accounting of EDUs. Both the City and Owners' Representative will track the Owners' capacity. Owners Representative must notify the City of any sale of EDUs within thirty (30) days of such sale. City will track any EDUs pledged to a final plat or site plan approved by the City.

5. Owners' Representative. Owners have designated Jeffrey Blilie as their representative (the "**Owners' Representative**"). The Owners' Representative will (i) be the Owners' point of contact with the City, (ii) administer this Agreement on behalf of the Owners, (iii) negotiate, coordinate, and administer all sales and assignments of Owners' capacity, (iv) distribute or oversee the distribution of the proceeds from the sale of Owner's capacity pursuant to this Agreement, and (v) sign each Bill of Sale on behalf of the Owners.

6. Indemnification of City by Owners. To the fullest extent permitted by law, Owners and each of them, jointly and severally, shall indemnify, defend (with counsel acceptable to City), protect, and hold harmless City, and its elected officials, appointed officials, employees and agents for, from, and against any and all liability, loss, damage, expense, and legal fees or costs, arising from or related to any claim or action brought by any person or entity in connection with the parties' performance of the duties imposed and the rights granted by this Agreement. The scope of this duty to indemnify, defend, protect, and hold harmless shall include, but not be limited to, any claim or cause of action that may be asserted by any original party or successor party to that certain SPA 3 DA. In addition and without limitation, the scope of this duty to indemnify, defend, protect, and hold harmless City shall also include any claim or cause of action that may be asserted by any party to that certain "Settlement Agreement and Mutual Release" dated November 30, 2014, attached hereto as Exhibit B. Owners' obligations and liabilities under this Section 6 shall survive the termination of this Agreement.

7. General Provisions.

(a) Term. This Agreement is effective upon recordation (the "**Effective Date**") and will automatically terminate on the date the last EDU of the Owners' capacity is (i) used to secure a final plat or site plan, or (ii) sold to a third party.

(b) Assignment. The provisions of this Agreement are binding upon and will inure to the benefit of the parties, and all of their successors in interest and assigns.

(b) Choice of Law, Venue and Attorneys' Fees. The laws of the State of Arizona will govern any dispute, controversy, claim, or cause of action arising out of or related to this Agreement. The venue for any such dispute will be Maricopa County, Arizona, and each party waives the right to object to venue in Maricopa County for any reason. No party will be entitled to recover any of its attorneys' fees or other costs from any other party incurred in any such dispute, controversy, claim, or cause of action, but each party will bear its own attorneys'

fees and costs, whether the same is resolved through arbitration, litigation in a court, or otherwise.

(c) Conflict of Interest. Pursuant to A.R.S. § 38-503 and § 38-511, no member, official, or employee of the City will have any personal interest, direct or indirect, in this Restated Agreement, nor will any such member, official, or employee participate in any decision relating to this Agreement which affects his or her personal interest or the interest of any corporation, partnership, or association in which he or she is, directly or indirectly, interested. This Agreement is subject to cancellation pursuant to the terms of A.R.S. § 38-511.

(d) Counterparts. This Agreement may be executed in any number of counterparts, each of which will be an original but all of which will constitute one and the same instrument. The signature pages from one or more counterparts may be removed from such counterparts and such signature pages all attached to a single instrument so that the signatures of all parties may be physically attached to a single document.

(e) Default. Failure or unreasonable delay by any party to perform or otherwise act in accordance with any term or provision of this Agreement constitutes a breach of this Agreement (“**Event of Default**”).

(i) “Default” means any one of the following:

(1) Failure or unreasonable delay by any party to perform or otherwise act in accordance with any term or provision of this Agreement.

(2) The issuance of an order of a court having jurisdiction over any of the parties for relief in any involuntary case commenced against the applicable party as debtor under the Federal Bankruptcy Code or the entry of a court decree or order appointing a custodian, receiver, liquidator, assignee, trustee, or other similar official.

(3) Any failure to pay money or failure related to any other monetary obligation hereunder not cured within five (5) City business days after written notice is received from another party will constitute an Event of Default under this Agreement by the non-paying party.

(4) Any other breach not cured within thirty (30) days after written notice is received from another party will constitute an Event of Default by the breaching party under this Agreement; except that, if more than thirty (30) days but no more than ninety (90) days would reasonably be required to perform such action or comply with any term or provision hereof, then the breaching party will have such additional time as may be necessary to perform or comply so long as the breaching party commences performance or compliance within said thirty (30) day period and diligently proceeds to complete such performance or fulfill such obligation within ninety (90) days after written notice is received from another party.

(ii) Any notice of an Event of Default will specify the nature of the alleged breach and the manner in which said breach may be satisfactorily cured, if possible. The obligations of the parties under this Agreement are several obligations, and not joint and several obligations.

(iii) Upon the occurrence of an Event of Default, the non-defaulting party: (1) will have all the remedies afforded by law and in equity; and (2) will have the right to

terminate this Agreement. However, the only legal or equitable remedies available against the City will be specific performance or injunction.

(iv) No delay in exercising any right or remedy will constitute a waiver thereof; and no waiver of any Event of Default will be construed as a waiver of any preceding or succeeding Event of Default of the same or any other covenant, or condition of this Agreement. No waiver will be effective unless it is in writing and is signed by the party asserted to have granted such waiver.

(f) Entire Agreement. This Agreement, together with the following Exhibits attached hereto and incorporated herein by this reference, constitutes the entire agreement between the parties.

<u>Exhibit A:</u>	Bill of Sale
<u>Exhibit B:</u>	Settlement Agreement and Mutual Release

All prior and contemporaneous agreements, representations and understandings of the parties, oral or written are superseded by and merged in this Agreement.

(g) Fair Interpretation. The parties have been represented by counsel in the negotiation and drafting of this Agreement and this Agreement will be construed according to the fair meaning of its language. The rule of construction that ambiguities will be resolved against the party who drafted a provision will not be employed in interpreting this Agreement.

(h) Further Documentation. The parties agree in good faith to execute such further or additional instruments and documents and to take such further acts as may be necessary or appropriate to fully carry out the intent and purpose of this Agreement.

(i) Good Standing; Authority. Each party represents and warrants that it is a duly formed and legally valid existing entity under the laws of the State of Arizona with respect to an Owner, or a municipal corporation within Arizona with respect to the City, and that the individuals executing this Agreement on behalf of their respective party are authorized and empowered to bind the party on whose behalf each such individual is signing.

(j) Headings. The headings of this Agreement are for purposes of reference only and will not limit or define the meaning of any provision of this Agreement.

(k) Notices and Filings. All notices specifically required by this Agreement, excluding approvals, notices or other communications made as part of the customary development processes of the City, must be given in writing and delivered personally or sent by United States Mail, postage pre-paid, return receipt requested, to:

City: City of Surprise
16000 N. Civic Center Plaza
Surprise, AZ 85374
Attn: Water Services Director

Owners: Klondike
12790 El Camino Real
Suite 150
San Diego, CA 92130
Attn: Justin Merritt
Email: jmerritt@swvp.com

Surprise Foothills
7505 E. 6th Ave

Ste 100
Scottsdale, AZ 85251
Attn: Elliott Pollack
Email: pollack@edpco.com

MMR
7505 E. 6th Ave
Ste 100
Scottsdale, AZ 85251
Attn: Elliott Pollack
Email: pollack@edpco.com

317
7505 E. 6th Ave
Ste 100
Scottsdale, AZ 85251
Attn: Elliott Pollack
Email: pollack@edpco.com

Buena Vista
7505 E. 6th Ave
Ste 100
Scottsdale, AZ 85251
Attn: Elliott Pollack
Email: pollack@edpco.com

With a City of Surprise
copy to: 16000 N. Civic Center Plaza
Surprise, AZ 85374
Attn: City Attorney
Email:
Robert.Wingo@surpriseaz.gov

With a Beus Gilbert PLLC
copy to: 701 N. 44th Street
Phoenix, AZ 85008
Attn: Jeffrey M. Blilie
Email: jblilie@beusgilbert.com

Any changes to the above recipients must be in writing consistent with this section. Any notice or other communication directed to any party must become effective upon the earliest of the following: (a) actual receipt by that party; or (b) thirty-six (36) hours after deposit with the United States Postal Service, addressed to the party.

(l) Recordation. This Agreement must be recorded in its entirety in the Official Records of Maricopa County, Arizona, not later than ten (10) days after its full execution by the City.

(m) Third Parties. It is not intended by this Agreement to, and nothing contained in this Agreement will, create any partnership, joint venture, or other agreement between the parties. No term or provision of this Agreement is intended to, or will be for the benefit of any person or entity not a party hereto, and no such other person or entity will have any right or cause of action hereunder.

**[THE REMAINDER OF THIS PAGE
LEFT INTENTIONALLY BLANK]**

IN WITNESS WHEREOF, the parties have executed this Amendment as of the date first above written.

CITY:

CITY OF SURPRISE, an Arizona municipal corporation

By: _____
Sharon Wolcott, Mayor

ATTEST:

Sherry Ann Aguilar, Town Clerk

APPROVED AS TO FORM:

Robert Wingo, City Attorney

STATE OF ARIZONA
County of Maricopa

On this _____ day of _____, 2018, before me personally appeared Sharon Wolcott, the Mayor of the City of Surprise, an Arizona municipal corporation, for and on behalf thereof, whose identity was proven to me on the basis of satisfactory evidence to be the person who he claims to be, and acknowledged that he signed the above/attached document.

[Affix notary seal here]

Notary Public

IN WITNESS WHEREOF, the parties have executed this Amendment as of the date first above written.

OWNER:

KLONDIKE LAND PORTFOLIO, LLC, an Arizona limited liability company

By:_____

Name: Justin Merritt

Title:_____

STATE OF ARIZONA
County of Maricopa

On this _____ day of _____, 2018, before me personally appeared Justin Merritt, _____, of Klondike Land Portfolio, LLC, an Arizona limited liability company, for and on behalf thereof, whose identity was proven to me on the basis of satisfactory evidence to be the person who he claims to be, and acknowledged that he signed the above/attached document.

[Affix notary seal here]

Notary Public

IN WITNESS WHEREOF, the parties have executed this Amendment as of the date first above written.

OWNER:

SURPRISE FOOTHILLS MASTER, LLC, an Arizona limited liability company

By: _____

Name: Elliott Pollack

Title: _____

STATE OF ARIZONA

County of Maricopa

On this _____ day of _____, 2018, before me personally appeared Elliott Pollack, _____, of Surprise Foothills Master, LLC, an Arizona limited liability company, for and on behalf thereof, whose identity was proven to me on the basis of satisfactory evidence to be the person who he claims to be, and acknowledged that he signed the above/attached document.

[Affix notary seal here]

Notary Public

IN WITNESS WHEREOF, the parties have executed this Amendment as of the date first above written.

OWNER:

BUENA VISTA HOLDINGS, LLC, an Arizona limited liability company

By: _____

Name: Elliott Pollack

Title: _____

STATE OF ARIZONA

County of Maricopa

On this _____ day of _____, 2018, before me personally appeared Elliott Pollack, _____ of Buena Vista Holdings, LLC, an Arizona limited liability company, for and on behalf thereof, whose identity was proven to me on the basis of satisfactory evidence to be the person who he claims to be, and acknowledged that he signed the above/attached document.

[Affix notary seal here]

Notary Public

IN WITNESS WHEREOF, the parties have executed this Amendment as of the date first above written.

OWNER:

MESQUITE MOUNTAIN RANCH INVESTMENTS, LLC, an Arizona limited liability company

By: _____

Name: Elliott Pollack

Title: _____

STATE OF ARIZONA

County of Maricopa

On this _____ day of _____, 2018, before me personally appeared Elliott Pollack, _____ of Mesquite Mountain Ranch Investments, LLC, an Arizona limited liability company, for and on behalf thereof, whose identity was proven to me on the basis of satisfactory evidence to be the person who he claims to be, and acknowledged that he signed the above/attached document.

[Affix notary seal here]

Notary Public

IN WITNESS WHEREOF, the parties have executed this Amendment as of the date first above written.

OWNER:

MANAGEMENT 317, LLC, an Arizona limited liability company

By: _____

Name: Elliott Pollack

Title: _____

STATE OF ARIZONA

County of Maricopa

On this _____ day of _____, 2018, before me personally appeared Elliott Pollack, _____, of Management 317, LLC, an Arizona limited liability company, for and on behalf thereof, whose identity was proven to me on the basis of satisfactory evidence to be the person who he claims to be, and acknowledged that he signed the above/attached document.

[Affix notary seal here]

Notary Public

EXHIBIT A

Bill of Sale

The undersigned, _____ ("Seller") in consideration of the satisfaction of payment by _____ ("Buyer") in the amount of \$ _____ does hereby grant, deliver, sell, transfer, convey, and assign to Buyer, its successors and assigns forever, _____ EDUs of Seller's capacity in the SPA 3 Regional Wastewater Treatment Plant. After this sale, the Sellers remaining capacity (including any capacity that was pledged as part of a plat or site plan approval) is _____ EDUs.

Seller:

Buyer:

By: _____

By: _____

Its: _____

Its: _____

Date: _____

Date: _____

Consented By:

Owners' Representative

Date: _____

EXHIBIT B

Settlement Agreement and Mutual Release

RESOLUTION # 2018-177

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF SURPRISE, ARIZONA, APPROVING THE SPA 3 WASTEWATER TREATMENT PLANT CAPACITY ALLOCATION AGREEMENT, TO MEMORIALIZE THE CHANGING WASTEWATER USAGE STANDARD (GPD/EDU) PERTAINING TO THE PROPERTY GENERALLY LOCATED SOUTH OF DEER VALLEY ROAD AND WEST OF 183rd AVENUE.

WHEREAS, the SPA 3 Wastewater Reclamation Facility, generally located on the southwest corner of Deer Valley Road and 183rd Avenue, was the subject of previously adopted development agreements and amendments thereto, approved by council on March 9th, 2006, and March 27, 2008, respectively;

WHEREAS, Klondike Land Portfolio LLC, Surprise Foothills Master LLC, Mesquite Mountain Ranch Investments LLC, 317 LLC, and Buena Vista Holdings LLC, (Owners) that have participated in the construction of and have capacity in the Austin Ranch Wastewater Plant are requesting a revision to the wastewater usage standard of 250 gpd/edu to 210 gpd/edu; and

WHEREAS, the City of Surprise and Owners desire a new development agreement for the purpose of setting forth certain obligations and commitments relative to the capacity of the wastewater facility.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Council of the City of Surprise, Arizona, as follows.

Section 1. The Mayor and Council hereby approve of the agreement between the City of Surprise and the Owners consisting of the "SPA 3 Wastewater Treatment Plant Capacity Allocation Agreement" as shown in Exhibit A.

Section 2. The Mayor is hereby directed to execute the agreement and any other documents necessary to effectuate the intent of this Resolution.

APPROVED AND ADOPTED this ____ day of _____, 2018.

Sharon R. Wolcott, Mayor

Attest:

Approved as to form:

Sherry Aguilar, City Clerk

Robert Wingo, City Attorney



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

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Council Meeting Date:	November 6, 2018	Contact Person:	Seth Dyson, HSCV Director
Submitting Department:	Human Service & Community Vitality	District:	4
Staff Recommendations:	None		

Consent	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to the City of Surprise entering into an Intergovernmental Agreement with the Housing Authority of Maricopa County in support of additional affordable housing in Surprise.

Motion:

I move to approve the Intergovernmental Agreement between the Housing Authority of Maricopa County and the City of Surprise.

Background:

The Housing Authority of Maricopa County (HAMC) works to develop and sustain affordable housing programs throughout Maricopa County. As the need for affordable housing increases, the City of Surprise, through a strategic partnership with HAMC, intends to bring additional affordable housing to the city.

Objective Analysis:

Recognizing the importance of housing that is affordable to people of all incomes, the city would establish an IGA with HAMC and subsequent ground lease on city property for the long-term use of affordable housing. The term of the lease would be 85 years with a possibility of three ten year extensions. HAMC would be responsible for the development and operations of 100 affordable housing apartment units.

Policy Compliant:

This action is compliant with City and Council Policy.

Financial Impact:

This affordable housing development is estimated to total \$20 million to complete, with HAMC responsible for all, minus \$500,000 of US Housing and Urban Development Community

Development Block Grant funding which will be dedicated to public improvements of the city-owned property. Operational and ongoing costs would be the responsibility of the HAMC. A lease rate of \$10.00 per year for a period of eighty-five years with a possibility of three ten year extensions.

Budget Impact:

A lease rate of \$10.00 per year for a period of eighty-five years with a possibility of three ten year extensions.

FTE Impact:

This item does not impact the overall full time equivalent count.

ATTACHMENTS:

[Click to download](#)

No Attachments Available



CITY OF SURPRISE
Regular City Council Meeting

November 6, 2018 @ 6:00:00 PM

[Back](#) [Print](#)

Council Meeting Date:	November 6, 2018	Contact Person:	Seth Dyson, HSCV Director
Submitting Department:	Human Service & Community Vitality	District:	4
Staff Recommendations:	None		

Consent	Regular	Public Hearing	Report/Discussion
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Agenda Wording:

Consideration and action pertaining to the City of Surprise entering into a Ground Lease Agreement with the Housing Authority of Maricopa County in support of additional affordable in Surprise.

Motion:

I move to approve the Ground Lease Agreement between the Housing Authority of Maricopa County and the City of Surprise.

Background:

The Housing Authority of Maricopa County (HAMC) works to develop and sustain affordable housing programs throughout Maricopa County. As the need for affordable housing increases, the City of Surprise, through a strategic partnership with HAMC, intends to bring additional affordable housing to the city.

Objective Analysis:

Recognizing the importance of housing that is affordable to people of all incomes, the city would establish an IGA with HAMC and subsequent ground lease on city property for the long-term use of affordable housing. The term of the lease would be 85 years with a possibility of three ten year extensions. HAMC would be responsible for the development and operations of 100 affordable housing apartment units.

Policy Compliant:

This action is compliant with City and Council Policy.

Financial Impact:

This affordable housing development is estimated to total \$20 million to complete, with HAMC responsible for all, minus \$500,000 of Surprise Community Development Block Grant funding which will be dedicated to public improvements of the city-owned property. Operational and ongoing costs

would be the responsibility of the HAMC. A lease rate of \$10.00 per year for a period of eighty-five years with a possibility of three ten year extensions.

Budget Impact:

A lease rate of \$10.00 per year for a period of eighty-five years with a possibility of three ten year extensions.

FTE Impact:

This item does not impact the overall full time equivalent count.

ATTACHMENTS:

[Click to download](#)

No Attachments Available
