



**BOARD OF DIRECTORS DEVELOPMENT COMMITTEE  
MEETING AGENDA**  
**Kelly Gregg** *President*  
**James Roberts III** *Vice President*  
**Jose Gonzalez** *Director*  
**Shawna Irish** *Director*  
**Roman Aguilar III** *Director*

**Robert Hernandez** *Acting General Manager*

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**HESPERIA RECREATION AND PARK DISTRICT  
BOARD OF DIRECTORS  
DEVELOPMENT REVIEW COMMITTEE MEETING**  
**Friday, September 20, 2024 - 11:00 a.m.**  
**Lime Street Park Community Center**  
**16292 Lime Street, Hesperia, CA**

**AGENDA**

**CALL TO ORDER**

- a. Roll Call

**FLAG SALUTE**

**MESSAGE TO THE PUBLIC/PUBLIC COMMENT**

Welcome to this Board of Directors' Development Committee Meeting. The Committee encourages public participation. If you desire to address the Committee on any District-related matter within the jurisdiction of the Committee or item on the Agenda, please fill out one of the speaker forms in the back of the meeting room and turn it in to the General Manager. When called upon, please come forward, and state your name (if you wish) and address before addressing the Committee. Please limit your comments to five minutes per speaker.

Please note that if you address the Committee on items not on the Agenda, the Brown Act does not allow discussion of such items. Therefore, the Committee may only do the following: refer the matter to staff, ask for additional information, request a report back, or give a very limited factual response.

**DISCUSSION ITEMS**

- A. Update on the McDonalds CFD
- B. Update on the Rancho Estates CFD
- C. Update on the Topaz Residential Houses CFD
- D. Update on Olive Tree CFD

- E. Review the request from Silverwood Development for additional streetlighting

## **ADJOURNMENT**

It is the intent of the Hesperia Recreation and Park District to comply with the Americans with Disabilities Act (ADA) in all respects. If, as an attendee or a participant at this meeting, you will need special assistance beyond what is normally provided, the Hesperia Recreation and Park District will attempt to accommodate you in every reasonable manner. Please contact the District Office at (760) 244-5488, at least 48 hours prior to the meeting to inform us of your particular needs and to determine if accommodation is feasible. Please advise us at that time if you will need accommodations to attend or participate in meetings on a regular basis.

**Hesperia Recreation and Park District  
Community Facilities District No.  
(Maintenance Services)**

**Tax Zone No.  
(McDonald's )**

Description	Estimated Costs	
<b>Utilities</b>		
Water (\$.12/sqft x )	\$	-
Electric	\$	-
Street Lighting (2lights x \$20/mo x 12 mo)	\$	480.00
<b>Maintenance Services and Supplies</b>		
Staff Maintenance Cost	\$	-
Equipment/Fuel/Vehicles (\$.60/sqft x )	\$	-
Supplies and Repairs (25% of Staff Cost Amount)	\$	-
Contingency (10% of Staff Cost Amount)	\$	-
SubTotal Utilities, Maintenance Services and Supplies	\$	480.00
<b>Administrative Expenses</b> (30% of maintenance services and s	\$	144.00
<b>Reserve Fund Collection</b> (10% of Total Costs)	\$	48.00
<b>Total Estimated Costs</b>		<b>\$672.00</b>
<b>Property</b>		
Units		1
<b>Rate Per Unit</b>		<b>\$672.00</b>

**HESPERIA RECREATION AND PARK DISTRICT  
APPLICATION TO PARTICIPATE IN THE  
COMMUNITY FACILITIES DISTRICT**

**PROPERTY OWNER INFORMATION**

Legal Name of Owner	Inland Land Group, LLC
Owner Mailing Address	9670 Research Drive, Irvine, CA 92618
Owner Telephone	(949)584-9134
Owner Email	komidvar@kandsproperty.com

Please provide a title report showing the current ownership information and the signature block of the owner.

**PRIMARY CONTACT INFORMATION**

Contact Name	Carlos Madrigal
Contact Address	110 N Carpenter St., Chicago, IL 60607
Contact Telephone	818-219-0980
Contact Email	carlos.madrigal@us.mcd.com

**PROJECT INFORMATION**

Assessor Parcel Number(s)	0357-561-81		
Acreage of Each Parcel	1.07 Acres		
Tract Number	Parcel Map No. 20259		
Project Name	McDonald's Restaurant		
Estimated Number of Final Lots per Tract			
Total Project Acreage	1.07 Acres		
Select Development Type:			
Single Family Residential	Industrial	<b>Mixed Use</b>	McDonald's Restaurant
Multi-family Residential	Industrial Parking Facility		

**MAPPING, PLANS AND DIGITAL DATA**

Please provide the current tract/parcel/subdivision map in PDF format. If CAD files are required, we will follow up to request those. It is understood that some developments may not yet have complete subdivision improvement plans. To the extent that rough plans or estimates are available, please send the most current and viable information available at the time of application submission.

Please also provide: District approved maintenance exhibit, conceptual plan for landscaping, landscape construction timing, home sales projections.

Detailed written description of the improvements to be included in the maintenance district (including location, type, and quantity of specific improvements to be maintained)

- a. Street Lights One SAT-24S (24 LEDS) SERIES, 91 WATT (11,500 LUMENS), COOL WHITE
  - Street Lights One SAT-24S (24 LEDS) SERIES, 84 WATT (6,900 LUMENS), COOL WHITE
- b. Park Site, Paseo or Joint-Use Detention Basin
  - Community building - list square footage (if applicable) \_\_\_\_\_
  - Restroom building – list square footage \_\_\_\_\_
  - Parking lot and flatwork – list square footage \_\_\_\_\_
  - Park lot/path light quantities \_\_\_\_\_
  - Block wall length \_\_\_\_\_

- Tubular steel PVC and chain link fencing length \_\_\_\_\_
- Shade structure quantity \_\_\_\_\_
- Irrigated landscape area square footage \_\_\_\_\_
- Non-irrigated landscape square footage (if applicable) \_\_\_\_\_
- Temporary irrigated landscape square footage (if applicable) \_\_\_\_\_
- Open space square footage (if applicable) \_\_\_\_\_

Indicate special maintenance needs if any \_\_\_\_\_

c. Typical Parkway Landscape

- Block wall length \_\_\_\_\_
- Tubular steel fencing length \_\_\_\_\_
- Irrigated landscape area square footage \_\_\_\_\_
- Non-irrigated landscape square footage (if applicable) \_\_\_\_\_
- Open space square footage (if applicable) \_\_\_\_\_

Note maintenance requirement \_\_\_\_\_

Identify any specific maintenance required for basins or channels other than landscape: \_\_\_\_\_

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**NOTE**

1. The annexation process will **NOT** begin until Final Landscape Improvement Plans have been submitted.
2. Requests for any streetlight authorization will not be processed until the CFD Application and associated fees are submitted.
3. City of Hesperia will only review landscape plans once they have verified that DISTRICT has completed their 1<sup>st</sup> plan check.

**FEE**

Please include a check payable to Hesperia Recreation and Park District for \$9,250. \*\* Please be aware that changes to the plans (actual improvements or quantities to be maintained) after the formation or annexation process has been completed will require the formation or annexation to be completely redone. If this happens, not only will it result in delays in completion of your project but the original fees will be **doubled**, as the process will be redone.

By submitting this application I understand that I am requesting that my project become part of Hesperia Recreation and Park District's maintenance areas and I am certifying that the information contained within is an accurate representation of the improvements to be constructed and subsequently maintained by Hesperia Recreation and Park District. I understand that this application represents a Maintenance Agreement by and between McDonald's Rest. and Hesperia Recreation and Park District for Tract No. <sup>Parcel 3 of</sup> PM 20259. As part of this maintenance agreement, I agree to comply with all conditions of approval and all DISTRICT's Standards and Specifications that will be required. I understand that this maintenance agreement shall not constitute future District acceptance as many aspects and conditions of each project change based on other agency requirements and/or revisions or other changes beyond the control of DISTRICT. I further understand that in the event that our project cannot comply with DISTRICT's Standards and Specification, DISTRICT reserves the right to relinquish maintenance responsibilities for the unacceptable areas. I acknowledge that substantial changes in project boundaries, layout, elevation and available amenities may result in the District's relinquishment of this Maintenance Agreement. I also understand that the District is under no obligation to accept the improvements for maintenance until such time as there is adequate funding to do so. I, as the Developer, may work with the District and provide financial payment, reimbursement or bridge funding that may be required in order to enter continued maintenance in the event that the appropriate funding has not been levied into DISTRICT.

DocuSigned by:  
*khosrow Omidvar*

Signature of Property Owner

khosrow Omidvar

Printed Name

10/17/2023

Date

Please complete and return all materials to:

Hesperia Recreation and Park District

P.O. Box 401055

Hesperia, Ca. 92340

1131

WCCG, INC - GENERAL  
9021 RANCHO PARK COURT  
RANCHO CUCAMONGA, CA 91730-4465

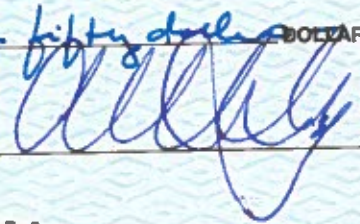
DATE 12/08/2023 90-4284/1222

PAY TO THE ORDER OF

Heperca Recreation and Park District \$ 9,250.00

nine thousand two hundred fifty dollars DOLLARS  
BANK OF THE WEST BNP PARIBAS

FOR \_\_\_\_\_



⑈001131⑈ ⑆122242843⑆ 075479642⑈

Details on back. Security Features Included.

RECEIPT

DATE 12/12/2023

No. 180021

RECEIVED FROM WCCG, Inc-General

\$9,250.00

DOLLARS

FOR RENT  
 FOR CFD - McDonalds Restaurant

ACCOUNT	
PAYMENT	<u>9250.00</u>
BAL. DUE	

- CASH
- CHECK
- MONEY ORDER
- CREDIT CARD

ck# 1131

FROM \_\_\_\_\_ TO \_\_\_\_\_

BY SL

A-2701  
T-46800





SOUTHERN CALIFORNIA  
**EDISON**

An EDISON INTERNATIONAL Company

# Southern California Edison Streetlight Authorization Form

**DEVELOPER/APPLICANT MUST PROVIDE THIS FORM**

**COMPLETED BY THE PUBLIC AUTHORITY**

**FOR ANY SCE OWNED STREETLIGHT INSTALLATION, REMOVAL, OR CHANGE REQUEST  
INCOMPLETE FORMS WILL BE RETURNED AND NOT PROCESSED**

Project Information					
Public Authority Name:		Hesperia Recreation and Park District			
Builder/Developer Name:		McDonald's USA, LLC		Phone #: (818) 219-0980	
Tract/Ref. #: Parcel 4 of Parcel Map No. 19723					
Streetlight Location: Mariposa Road and Fashion Way					
Streetlight Information					
Type of Request (select one):			Installation		
For Change Requests, describe work to be completed:					
Pole/Lamp Information				Billing Information (New Installations Only)	
# of Lights	Lamp Type*	Lamp Size	Color Temp.	Public Authority Responsibility for Streetlight Monthly Billing	
				Please Select <u>One</u> and Fill Out Applicable Fields	
1	SAT-24S (24 LEDES) Series	11,500 Lumens	Cool White	Select Upon Energizing <input type="checkbox"/>	If Public Authority is Collecting Builder/Developer Advanced Energy Payment indicate Date Collected
1	SAT-24S (24 LEDES) Series	6,900 Lumens	Cool White	<b>UPON ENERGIZING</b> Public Authority Will Take Over Monthly Billing Upon Energization of Streetlights by SCE	
				Date: <u>2/7/2024</u>	
<b>TO BE COMPLETED BY SCE</b>				Monthly Billing (Select One)*:	
				Establish New Service Account (SA) <input checked="" type="checkbox"/>	Utilize Existing SA <input type="checkbox"/>
District:				SA#:	
Planning AOR:				Date Agreed upon by SCE and public authority or no later than 36 months from first streetlight energized whichever is first	
Planner Name:				Agreement Date:	
Design Manager SR#:				Monthly Billing (Select One):	
Product #:				Establish New Service Account (SA) <input type="checkbox"/>	
Date Received by Planning:				Utilize Existing SA <input type="checkbox"/>	
Public Authority Notes:				SA#:	
<b>Authorized Public Authority Agent</b>				Public Authority is Not Responsible	
Name: CALVIN LOUIE				Please Complete Applicable Sections on Right	
Title: ACTG G.M.				Select PA NOT Resp. <input type="checkbox"/>	
Phone: 951 760 244 5488				HOA Area	
Date: 03/27/24				HOA Name	
Signature:				Other Entity (Please Define)	



## Street Light Authorization

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From: Judy Trenholm (jtrenholm@hesperiaparks.com)

To: lcaengineering@yahoo.com

Date: Thursday, February 8, 2024 at 01:48 PM PST

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Good Afternoon,

My supervisor, Mike Varner, asked me to reach out to you regarding your Street Light Authorization form. We received the check in the amount of \$360.00 which covers the street lights for the first year however, the authorization form lists the City of Hesperia. Please resubmit that form listing Hesperia Recreation and Park District as the Public Authority as we are the ones that control the street lights. If you have any questions please feel free to reach out to Mike at [mvarner@hesperiaparks.com](mailto:mvarner@hesperiaparks.com).

Thank you,

***Judy Trenholm***

**Judy Trenholm**

**Executive Assistant AGM**

**Hesperia Recreation and Park District**

**P.O. Box 401055/16292 Lime Street**

**Hesperia, CA 92340**

**Phone: (760) 244-5488 ext. 116 Fax: (760) 244-2513**

**[HesperiaParks.com](http://HesperiaParks.com)**

“THIS E-MAIL IS INTENDED FOR ITS RECIPIENTS ONLY. IT IS CONFIDENTIAL AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED UNDER THE CALIFORNIA PUBLIC RECORDS ACT (GOVERNMENT CODE SECTION 6250 ET SEQ.) AND OTHER STATUTES. ANY REVIEW, RELIANCE OR DISTRIBUTION BY OTHERS OR FORWARDING WITHOUT EXPRESS PERMISSION OF THE SENDER IS STRICTLY PROHIBITED AND MAY BE A VIOLATION OF STATE LAW. IF YOU ARE NOT THE INTENDED RECIPIENT, PLEASE NOTIFY THE SENDER AND DELETE ALL COPIES.”

**PETITION (With Waivers)**  
**For Annexation to a Community Facilities District and Related Matters**

**HESPERIA RECREATION AND PARK DISTRICT**  
**Community Facilities District No. 2022-1**  
**(Maintenance Services)**  
**Annexation No. 5**

April 26, 2024

To the Honorable Board of Directors,  
Hesperia Recreation and Park District  
16292 Lime Street  
Hesperia, California 92345

Board of Directors:

This is a petition to annex the land identified below (the "Property") to the Hesperia Recreation and Park District's (the "District") Community Facilities District No. 2022-1 (Maintenance Services) (the "CFD") and for related matters under the Mello-Roos Community Facilities Act of 1982, Sections 53311 and following of the California Government Code (the "Act"), and it states as follows:

**1. Petitioner.** This Petition is submitted by the entity (the "Petitioner") (whether one or more) identified below as or for the record owner(s) of the fee simple title to the Property. The undersigned warrants to the District that the Petitioner is such owner or is legally authorized to execute this Petition for and on behalf of such owner(s). If requested by the District, the Petitioner agrees, at its expense, to supply to the District current title evidence so that the District may supply any notice and ballot required under the Act for annexation of the Property to the CFD.

**2. Proceedings Requested.** This Petition asks that the Board of Directors undertake proceedings under the Act to annex the Property to the CFD.

**3. Boundaries.** This Petition asks that the territory to be annexed to the CFD consist of that shown on a map of the proposed boundaries of Annexation No. 5 to the CFD, which map is filed with the District Secretary of the District, hereby made a part hereof and includes the Property.

**4. Purpose.** This Petition asks that the Property be annexed to the CFD and that special taxes (the "Special Taxes") be levied on the Property to finance all or a part of the municipal services (the "Services") described in Exhibit A hereto and made a part hereof.

**5. Special Taxes.** The Petitioner agrees that it has reviewed and preliminarily approves the Rate and Method of Apportionment of Special Taxes for the CFD (the "Rate and Method"). Petitioner acknowledges and preliminarily agrees that the Rate and Method will be used by the City for the levy of Special Taxes on the Property to pay for the Services, subject to the completion of annexation proceedings for the Property by the District under the Act.

**6. Election.** The Petitioner asks that the special election be conducted under the Act by the District and its officials on the questions of (i) annexation of the Property to the CFD and (ii) levy of the Special Taxes, using a mailed or hand-delivered ballot and that such ballot be canvassed and the results certified at the same meeting of the Board of Directors as the public hearing on such matters under the Act or as soon thereafter as possible.

7. **Waivers.** To expedite the annexation of the Property to the CFD, the Petitioner waives all notices of hearing and all published notices regarding the annexation of the Property to the CFD, notices of landowner election, applicable waiting periods under the Act for the holding of any public hearing and for election, and all ballot arguments and analysis for the election, it being acknowledged by the Petitioner that all such notices are for the benefit of the Petitioner and may be waived.

8. **Authority Warranted.** The Petitioner warrants to the District that the presentation of this Petition, any waivers contained herein, casting of ballots at the property owner election and other actions mandated by the District for the annexation of the Property to the CFD shall not constitute or be construed as events of default or delinquencies under any existing or proposed financing documents entered into or to be entered into by the Petitioner for the Property, including any "due-on-encumbrance" clauses under any existing security instruments secured by the Property.

9. **Due Diligence and Disclosures.** The Petitioner agrees to cooperate with the District and its attorneys and consultants and to provide all information and disclosures required by the District about the Special Taxes to purchasers of the Property or any part of it.

10. **Agreements.** The Petitioner further agrees to execute such additional or supplemental agreements as may be required by the District to provide for any of the actions and conditions under this Petition, including any amount of cash deposit required to pay for the District's costs in annexing the Property to the CFD. By executing this Petition, the Petitioner agrees to all of the above.

[signature page follows.]

The Property is in San Bernardino County.


Assessor Parcel No(s):

0357-561-89

and the Property contains a total of  
1.068 acres.

The Petitioner (record owner) is:

MCDONALD'S USA, LLC



Name: MCDONALD'S USA, LLC

Title: Senior Counsel

The address of the above for  
receiving any notice and ballot is:

MCDONALD'S USA, LLC

110 N Carpenter St.,  
Chicago, IL 60607

**EXHIBIT A**

**HESPERIA RECREATION AND PARK DISTRICT**

**Community Facilities District No. 2022-1**

**(Maintenance Services)**

**Annexation No. 5**

**DESCRIPTION OF SERVICES**

**Services:**

The services to be funded, in whole or in part, by the community facilities district ("CFD 2022-1") include all direct and incidental costs related to providing for the maintenance of public infrastructure within the area of CFD 2022-1 and areas adjacent to or in the vicinity of such areas. More specifically, the services shall include, but not be limited to, the maintenance of: (i) streets and street trees; (ii) street lighting; (iii) landscaping in public areas and medians including turf, trees, shrubs and associated irrigation systems; as well as the provision of other public services authorized to be funded under Section 53313(d) or (e) of the California Government Code. CFD 2022-1 may fund any of the following related to the services described in the preceding sentence: obtaining, constructing, furnishing, operating and maintaining equipment, apparatus or facilities related to providing the services and/ or equipment, apparatus, facilities or fixtures in areas to be maintained, paying the salaries and benefits of personnel necessary or convenient to provide the services, payment of insurance costs and other related expenses and the provision of reserves for repairs and replacements and for the future provision of services. It is expected that the services will be provided by the District, either with its own employees or by contract with third parties, or any combination thereof.

The services to be financed by CFD 2022-1 are in addition to those provided in the territory of CFD 2022-1 before the date of creation of CFD 2022-1, and will not supplant services already available within that territory when CFD 2022-1 is created.

**Administrative Expenses:**

The administrative expenses to be funded by CFD 2022-1 include the direct and indirect expenses incurred by the District in carrying out its duties with respect to CFD 2022-1 (including, but not limited to, the levy and collection of the special taxes) including the fees and expenses of attorneys, any fees of the County of San Bernardino related to CFD 2022-1 or the collection of special taxes, an allocable share of the salaries of the District staff directly related thereto and a proportionate amount of the District's general administrative overhead related thereto, any amounts paid by the District from its general fund with respect to CFD 2022-1 or the services authorized to be financed by CFD 2022-1, and expenses incurred by the District in undertaking action to foreclose on properties for which the payment of special taxes is delinquent, and all other costs and expenses of the District in any way related to CFD 2022-1.

**Other:**

The incidental expenses that may be funded by CFD 2022-1 include, in addition to the administrative expenses identified above, the payment or reimbursement to the District of all costs associated with the establishment and administration of CFD 2022-1.



**FINAL DESIGN**  
APPROVED FOR CONSTRUCTION

RUN NUMBER CALL-OUTS AS FOLLOWS:

- ① - 199 MAINLINE CONDUIT
- ② - 599 SERVICE CONDUIT
- ③ - 799 STREET LIGHT CONDUIT

D64 - Rev. 10/26/20

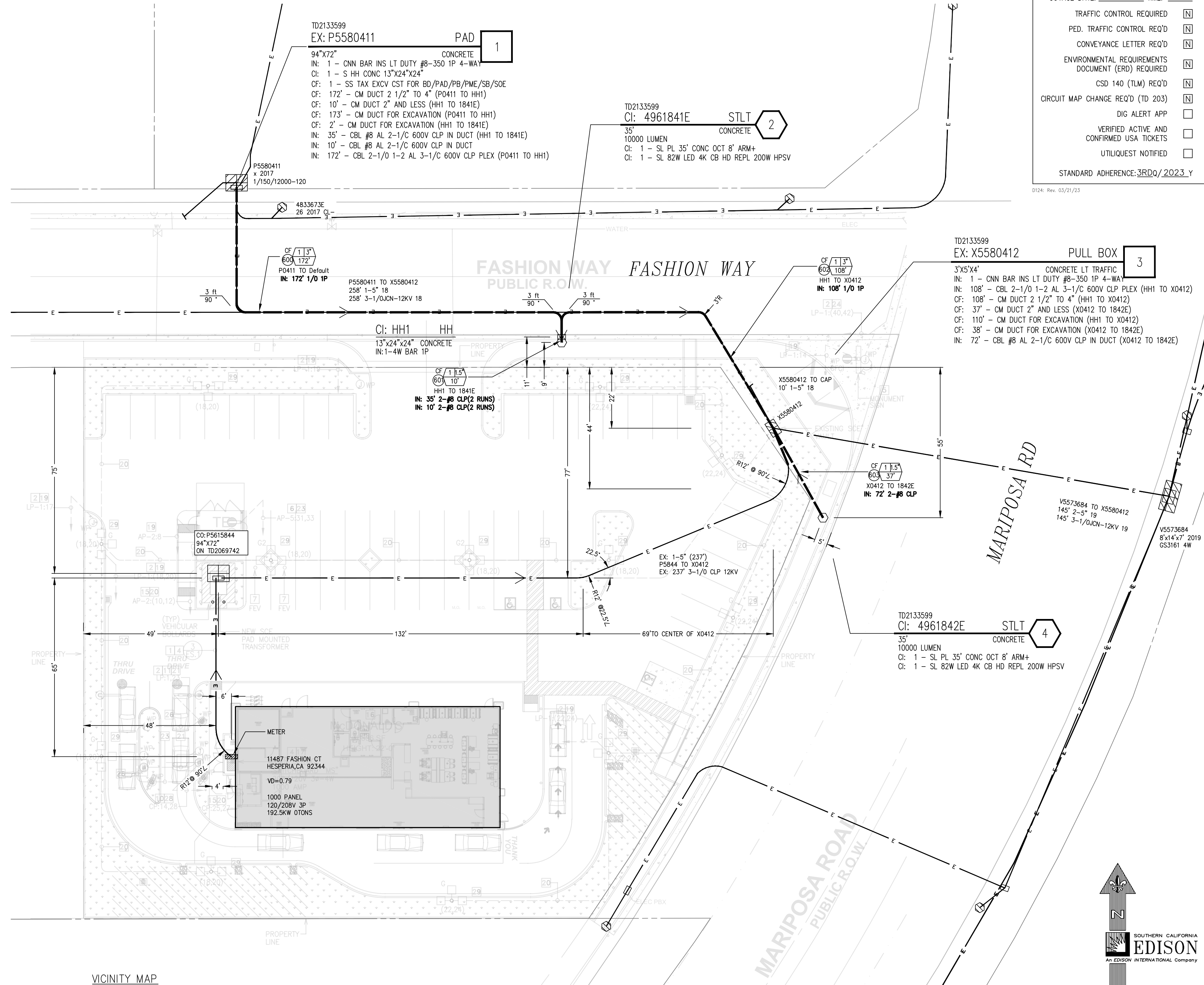
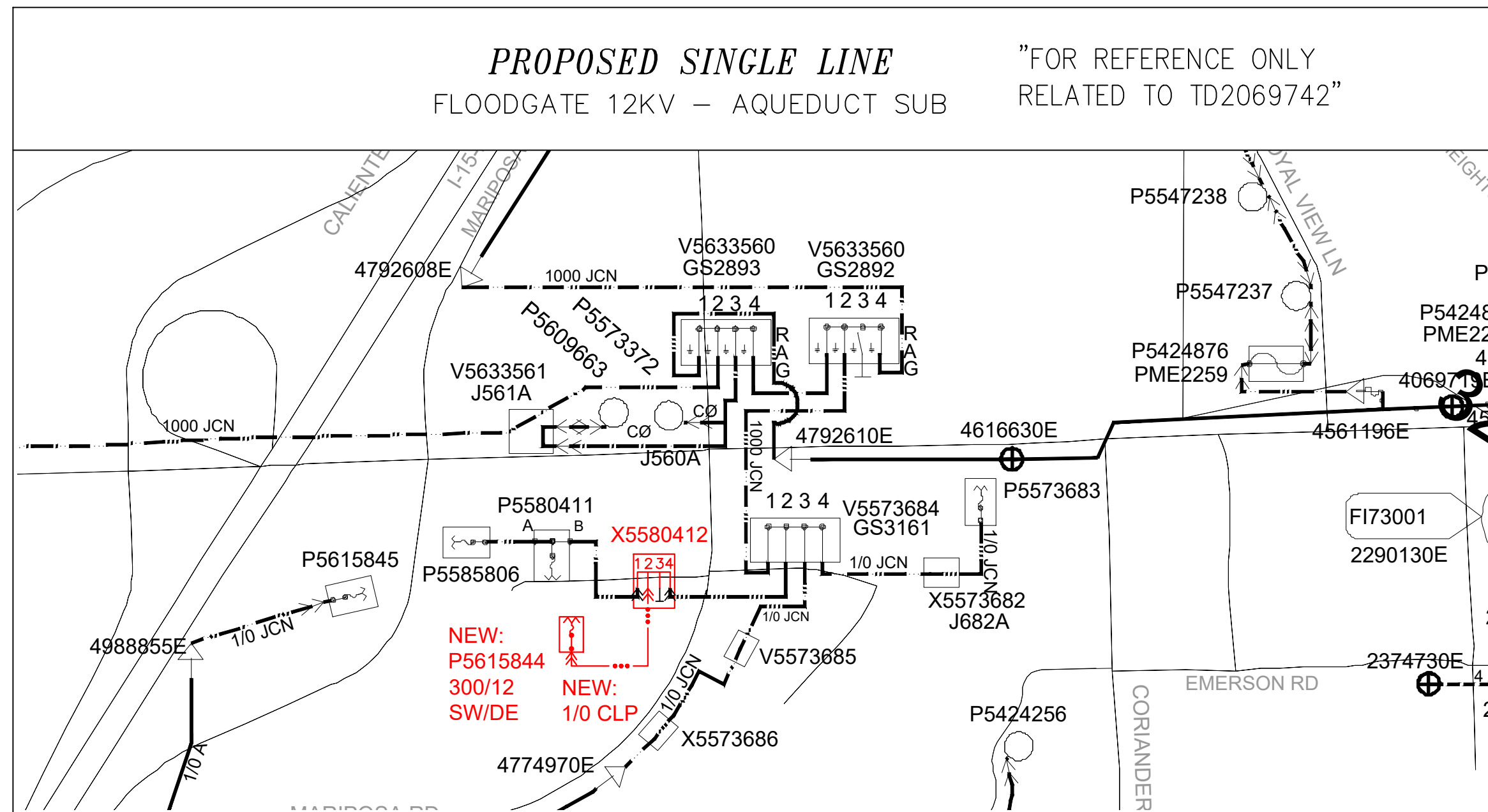
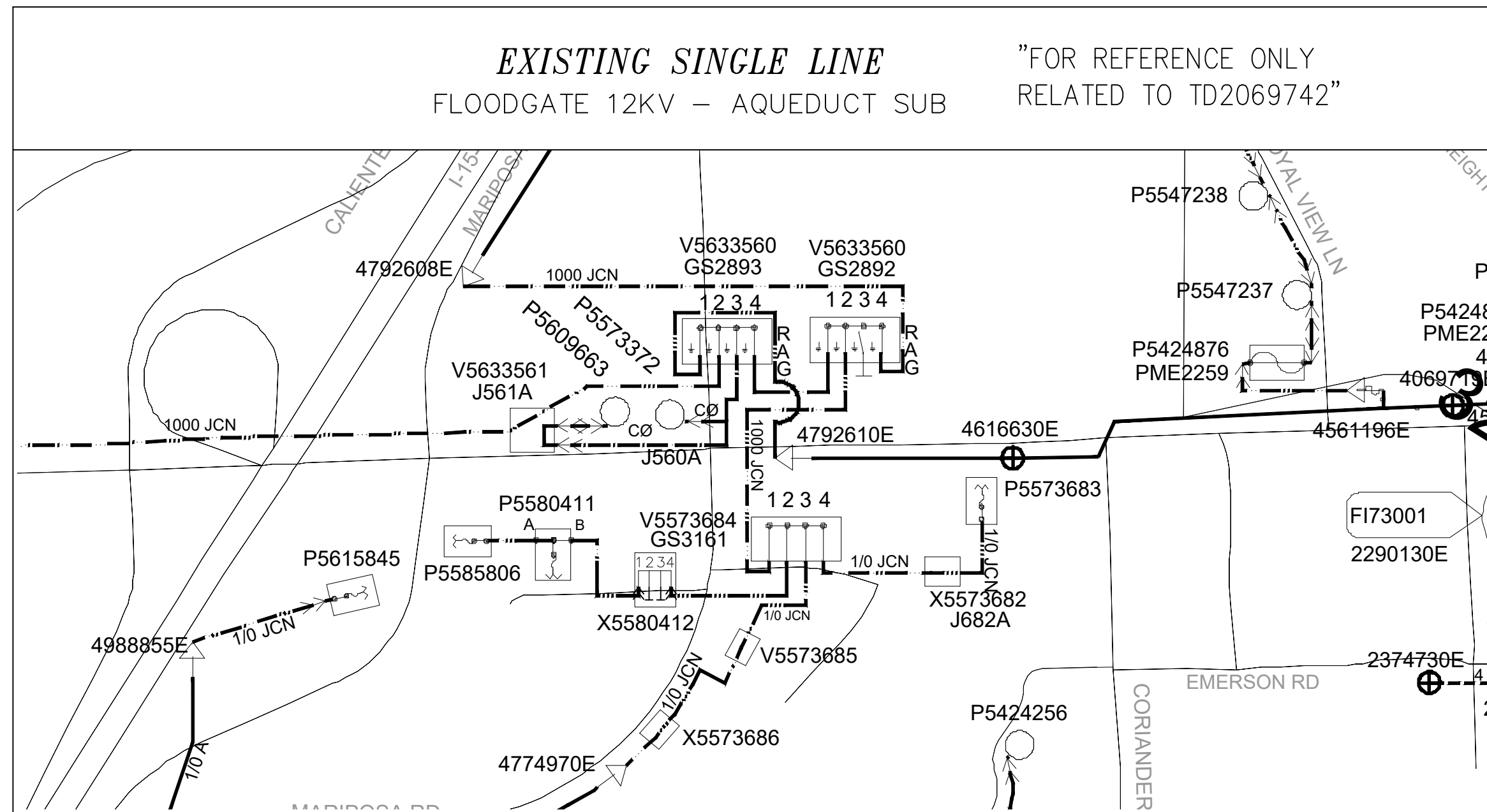
**SCE UG Inspection**

Contact SCE 2 Weeks in advance for a Pre-Construction/Mandrel/Trench/Final Inspection.

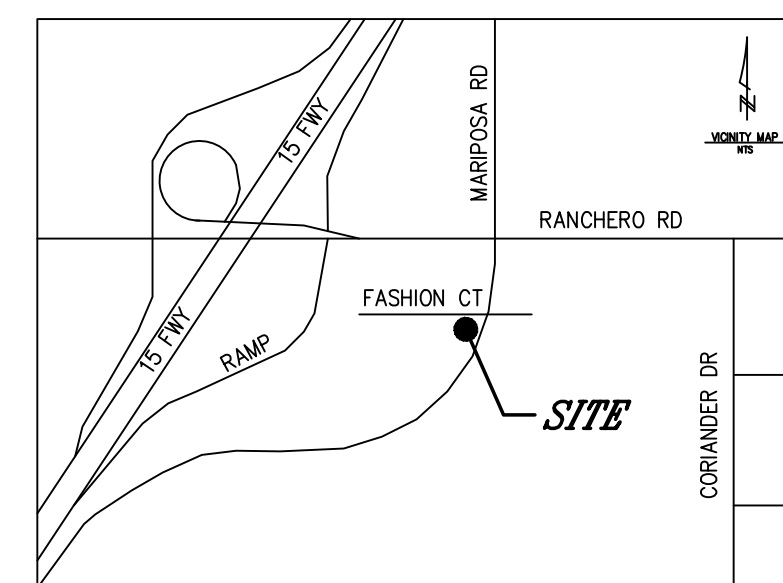
Call 760-951-3288 or Email:Victorvilleescuginspector@sce.com Please include the following information on the email:  
Product Number, Project Address, Type of Inspection, Name & Phone Number.

**PROJECT REQUIREMENTS (Y/N)**

- EDISON EASEMENT REQUIRED
- PWRD 88 REQUIRED
- UG CIVIL ONLY WORK ORDER
- PERMIT REQUIRED
- PERMIT TYPE: \_\_\_\_\_
- OUTAGE REQUIRED
- OUTAGE DATE: \_\_\_\_\_ TIME: \_\_\_\_\_
- TRAFFIC CONTROL REQUIRED
- PED. TRAFFIC CONTROL REQ'D
- CONVEYANCE LETTER REQ'D
- ENVIRONMENTAL REQUIREMENTS DOCUMENT (ERD) REQUIRED
- CSD 140 (TLM) REQ'D
- CIRCUIT MAP CHANGE REQ'D (TD 203)
- DIG ALERT APP
- VERIFIED ACTIVE AND CONFIRMED USA TICKETS
- UTILIQUEST NOTIFIED
- STANDARD ADHERENCE: 3RDQ/2023\_Y



VICINITY MAP  
GPS: 34.381811, -117.411810



FIELD CONTACT:  
MICHELLE BASTIAN 602-510-8583

SCOPE:  
NEW STREETLIGHTS

NOTE:  
RELATED TO TD2069742

DISTRICT 73 - VICTORVILLE	PROJ. MGR. HOUSTON, ANDREW 909-758-6170	PLANNER HOUSTON, ANDREW 909-758-6170	DESIGNER RODRIGUEZ-TORO, JAVIER
PROJECT NO. 2541781	SERVICE REQUEST 3430618	PRODUCT-1 SO#200474577	ASSOC DESIGN
CIRCUIT / VOLTAGE FLOODGATE 12KV	GPS	PRODUCT-2	ASSOC DESIGN
SUB / PG NO. AQUEDUCT	CIRCUIT CODE D6549	PRODUCT-3	ASSOC DESIGN
INVENTORY MAP 320-2175-1	I.P.A. NO.	PROPOSED CONSTRUCTION (LOCATION)	
		11487 FASHION CT HESPERIA CA 92344	
TYPE	DATE	APPROVED BY	CHECKED BY
		DRAWN BY	PAX #
		SHEET	DESIGN/DRWG NO.
		1 of 1	1627317_0.01

SCALE: 1" = 20'



FILE NAME: 1627317\_001.DWG DATE: 6/9/2023 1:26 PM SHEET: 01 OF 02

## APPLICATION AND CONTRACT FOR ELECTRIC SERVICE

To Southern California Edison (SCE):

The undersigned Applicant hereby requests you to supply electric service and to deliver electric energy to and for the equipment hereinafter described, at the location shown below, in accordance with the applicable rates and rules of SCE.

(T)  
(T)

Applicant hereby agrees to the following:

1. SCE has made available for inspection its applicable rates and rules. Applicant agrees to comply therewith, and with any changes or modifications thereof which may be authorized from time to time by the Public Utilities Commission of the State of California.
2. Applicant's attention has been directed to the rate schedules applicable to the service herein described, and Applicant has elected to take and pay for service under Schedule LS-1 for a minimum period of 36 months.
3. Applicant hereby grants to SCE a right of way for any electric lines which it may be necessary to build in, on, under or over applicant's premises for the purposes of making delivery hereunder. Where Applicant requests facilities which are in addition to, or in substitution for, the standard facilities which SCE normally would install, the extra cost thereof shall be paid by Applicant.
4. If an Applicant, per the assigned period(s) within the agreed upon Rate Schedule(s) and/or contract(s) materially increases or decreases his electric service requirements from those installed hereunder and a change is made in the SCE's facilities, settlement shall be made for the installation and removal cost of the facilities removed. A new agreement shall be entered into providing for the modified service required by applicant.
5. This contract shall at all times be subject to such changes or modifications by the Public Utilities Commission of the State of California as said Commission may, from time to time, direct in the exercise of its jurisdiction.

EQUIPMENT TO BE SERVED	PHASE	K.V.A.	K.W.	H.P.
LIGHTING 1X SAT-24S (24 LEDS) SERIES, 91 WATT (11,500 LUMENS)				
1X SAT-24S (24 LEDS) SERIES, 84 WATT (6,900 LUMENS)				
POWER				

Service Voltage \_\_\_\_\_ Connected Load \_\_\_\_\_ Est. Max. Demand \_\_\_\_\_

Corporate or Individual's Name \_\_\_\_\_

Dated \_\_\_\_\_ D.B.A. \_\_\_\_\_

By \_\_\_\_\_ Title \_\_\_\_\_

Witness \_\_\_\_\_ Office of Origin \_\_\_\_\_

Approved and accepted for Southern California Edison Company \_\_\_\_\_

By \_\_\_\_\_ District Manager

CREDIT INFORMATION - FORM OF BUSINESS ORGANIZATION

SOLE PROPRIETORSHIP  CORPORATION  GENERAL PARTNERSHIP  CO-PARTNERSHIP  OTHER

TYPE OF BUSINESS-PROCESSING, MFG., ETC.  
**STREET LIGHTS**

CORPORATE OR INDIVIDUAL'S NAME \_\_\_\_\_

DBA NAME \_\_\_\_\_ BUSINESS TELEPHONE NUMBER \_\_\_\_\_

PARTNERS OR CORPORATION OFFICERS

NAME	ADDRESS	TITLE	TELEPHONE NUMBER
NAME	ADDRESS	TITLE	TELEPHONE NUMBER

SERVICE ADDRESS STREET \_\_\_\_\_ SERVICE ADDRESS POST OFFICE \_\_\_\_\_

LIGHT	SCHEDULE	NEAREST CROSS STREET	FORMER BUSINESS SERVICE ADDRESS	
	<b>LS-1</b>			
POWER	METER ORDER NO.	LOAD CHECK	OWNER OF PREMISES	
NEW SET			NAME _____ TELEPHONE NUMBER _____	
DATE WANTED	PROJECT NO.		ADDRESS _____	
	<b>TD2133599</b>			
	HOURS OF OPERATION			
SQUARE FOOTAGE (AS REQUIRED)			NAME _____	
ADDITIONAL INFORMATION			SERVICE ADDRESS STREET _____ APT. NO. _____	
			SERVICE ADDRESS POST OFFICE _____ CA _____ ZIP CODE _____	
			MAILING ADDRESS _____	
ORDER TAKEN			MAILING ADDRESS _____ ZIP CODE _____	
AT	BY	DATE		



**Hesperia Recreation and Park District  
Community Facilities District No.  
(Maintenance Services)**

**Tax Zone No.  
(Vista Pacific, Rancho Estates)**

Description	Estimated Costs
<b>Utilities</b>	
Water (\$.12/sqft x10270 )	\$ 1,232.40
Electric	\$ 100.00
Street Lighting (11lights x \$20/mo x 12 mo)	\$ 2,700.00
<b>Maintenance Services and Supplies</b>	
Staff Maintenance Cost	\$ 19,553.40
Equipment/Fuel/Vehicles (\$.60/sqft x 24140)	\$ 14,484.00
Supplies and Repairs (25% of Staff Cost Amount)	\$ 7,821.36
Contingency (10% of Staff Cost Amount)	\$ 1,955.34
SubTotal Utilities, Maintenance Services and Supplies	\$ 45,891.16
<b>Administrative Expenses</b> (30% of maintenance services and s	\$ 13,767.35
<b>Reserve Fund Collection</b> (10% of Total Costs)	\$ 4,589.12
<b>Total Estimated Costs</b>	<b>\$64,247.62</b>
<b>Property</b>	
Units	31
<b>Rate Per Unit</b>	<b>\$2,072.50</b>

**Hesperia Recreation and Park District  
Community Facilities District No.  
(Maintenance Services)**

**Tax Zone No.  
(Topaz )**

Description	Estimated Costs
<b>Utilities</b>	
Water (\$.12/sqft x3773 )	\$ 452.79
Electric	\$ -
Street Lighting (1lights x \$20/mo x 12 mo)	\$ 240.00
<b>Maintenance Services and Supplies</b>	
Staff Maintenance Cost	\$ 5,601.00
Equipment/Fuel/Vehicles (\$.60/sqft x 21798.60)	\$ 13,079.16
Supplies and Repairs (25% of Staff Cost Amount)	\$ 1,400.25
Contingency (10% of Staff Cost Amount)	\$ 560.10
SubTotal Utilities, Maintenance Services and Supplies	\$ 20,773.20
<b>Administrative Expenses</b> (30% of maintenance services and s	\$ 6,231.96
<b>Reserve Fund Collection</b> (10% of Total Costs)	\$ 2,077.32
<b>Total Estimated Costs</b>	<b>\$29,082.48</b>
<b>Property</b>	
Units	7
<b>Rate Per Unit</b>	<b>\$4,154.64</b>



SOUTHERN CALIFORNIA  
**EDISON**

An EDISON INTERNATIONAL Company

# Southern California Edison Streetlight Authorization Form

**DEVELOPER/APPLICANT MUST PROVIDE THIS FORM**

**COMPLETED BY THE PUBLIC AUTHORITY**

**FOR ANY SCE OWNED STREETLIGHT INSTALLATION, REMOVAL, OR CHANGE REQUEST  
INCOMPLETE FORMS WILL BE RETURNED AND NOT PROCESSED**

Project Information						
Public Authority Name: Hesperia Recreation and Parks District						
Builder/Developer Name: Silverwood Development Phase 1, LLC Phone #: (909) 380-9919						
Tract/Ref. #: 18989-1						
Streetlight Location: Kennedy Meadows						
Streetlight Information						
Type of Request (select one):			Installation			
For Change Requests, describe work to be completed:						
Pole/Lamp Information			Billing Information (New Installations Only)			
# of Lights	Lamp Type*	Lamp Size	Color Temp.	Public Authority Responsibility for Streetlight Monthly Billing		
8	LED	70		Please Select <u>One</u> and Fill Out Applicable Fields		
				Select Upon Energizing <input checked="" type="checkbox"/>	If Public Authority is Collecting Builder/Developer Advanced Energy Payment indicate Date Collected	
				<b>UPON ENERGIZING</b> Public Authority Will Take Over Monthly Billing Upon Energization of Streetlights by SCE  Please Complete Applicable Sections on Right	Date:	
					Monthly Billing (Select One)*:	
					Establish New Service Account (SA) <input checked="" type="checkbox"/>	
					Utilize Existing SA <input type="checkbox"/>	
<b>TO BE COMPLETED BY SCE</b>				Select Commit Date <input type="checkbox"/>	Date Agreed upon by SCE and public authority or no later than 36 months from first streetlight energized whichever is first	
				<b>COMMITMENT DATE</b> Public Authority Will Take Over Monthly Billing At Agreed Upon Date or 36 Months After First Streetlight Energized whichever is Earlier		Agreement Date:
				Please Complete Applicable Sections on Right		Monthly Billing (Select One):
						Establish New Service Account (SA) <input type="checkbox"/>
District:				Utilize Existing SA <input type="checkbox"/>	SA#:	
Planning AOR:				Date Agreed upon by SCE and public authority or no later than 36 months from first streetlight energized whichever is first		
Planner Name:				Agreement Date:		
Design Manager SR#:				Monthly Billing (Select One):		
Product #:				Establish New Service Account (SA) <input type="checkbox"/>		
Date Received by Planning:				Utilize Existing SA <input type="checkbox"/>		
Public Authority Notes:				SA#:		
<b>Authorized Public Authority Agent</b>				Date Agreed upon by SCE and public authority or no later than 36 months from first streetlight energized whichever is first		
Name: Michael Vamer				Agreement Date:		
Title: Assis. General Manager				Monthly Billing (Select One):		
Phone: 760-604-2234				Establish New Service Account (SA) <input type="checkbox"/>		
Date:				Utilize Existing SA <input type="checkbox"/>		
Signature:				SA#:		
				HOA Area		
				HOA Name		
				Other Entity (Please Define)		
				Public Authority is Not Responsible Please Complete Applicable Sections on Right		



SOUTHERN CALIFORNIA  
**EDISON**

An EDISON INTERNATIONAL Company

# Southern California Edison Streetlight Authorization Form

**DEVELOPER/APPLICANT MUST PROVIDE THIS FORM**

**COMPLETED BY THE PUBLIC AUTHORITY**

**FOR ANY SCE OWNED STREETLIGHT INSTALLATION, REMOVAL, OR CHANGE REQUEST  
INCOMPLETE FORMS WILL BE RETURNED AND NOT PROCESSED**

Project Information					
Public Authority Name: Hesperia Recreation and Parks District					
Builder/Developer Name: Silverwood Development Phase 1, LLC Phone #: (909) 380-9919					
Tract/Ref. #: 18989-1					
Streetlight Location: Cascade Crest & Kennedy Meadows					
Streetlight Information					
Type of Request (select one):				Installation	
For Change Requests, describe work to be completed:					
Pole/Lamp Information			Billing Information (New Installations Only)		
# of Lights	Lamp Type*	Lamp Size	Color Temp.	Public Authority Responsibility for Streetlight Monthly Billing	
5	LED	70		Please Select <u>One</u> and Fill Out Applicable Fields  Select Upon Energizing <input checked="" type="checkbox"/>	
8	LED	90			
<b>TO BE COMPLETED BY SCE</b>				UPON ENERGIZING Public Authority Will Take Over Monthly Billing Upon Energization of Streetlights by SCE	If Public Authority is Collecting Builder/Developer Advanced Energy Payment indicate Date Collected Date: _____
				Please Complete Applicable Sections on Right	Monthly Billing (Select One)*: Establish New Service Account (SA) <input checked="" type="checkbox"/> Utilize Existing SA <input type="checkbox"/> SA#: _____
District:				Select Commit Date <input type="checkbox"/>	Date Agreed upon by SCE and public authority or no later than 36 months from first streetlight energized whichever is first
Planning AOR:				<b>COMMITMENT DATE</b> Public Authority Will Take Over Monthly Billing At Agreed Upon Date or 36 Months After First Streetlight Energized whichever is Earlier	Agreement Date: _____
Planner Name:					Monthly Billing (Select One): Establish New Service Account (SA) <input type="checkbox"/> Utilize Existing SA <input type="checkbox"/> SA#: _____
Design Manager SR#:				Please Complete Applicable Sections on Right	HOA Area: _____
Product #:					HOA Name: _____
Date Received by Planning:				<b>Public Authority is Not Responsible</b> Please Complete Applicable Sections on Right	Other Entity (Please Define): _____
Public Authority Notes:					
<b>Authorized Public Authority Agent</b>					
Name: Michael Varner				Select PA NOT Resp. <input type="checkbox"/>	
Title: Assist. General Manager					
Phone: 760-604-2234					
Date:					
Signature:					



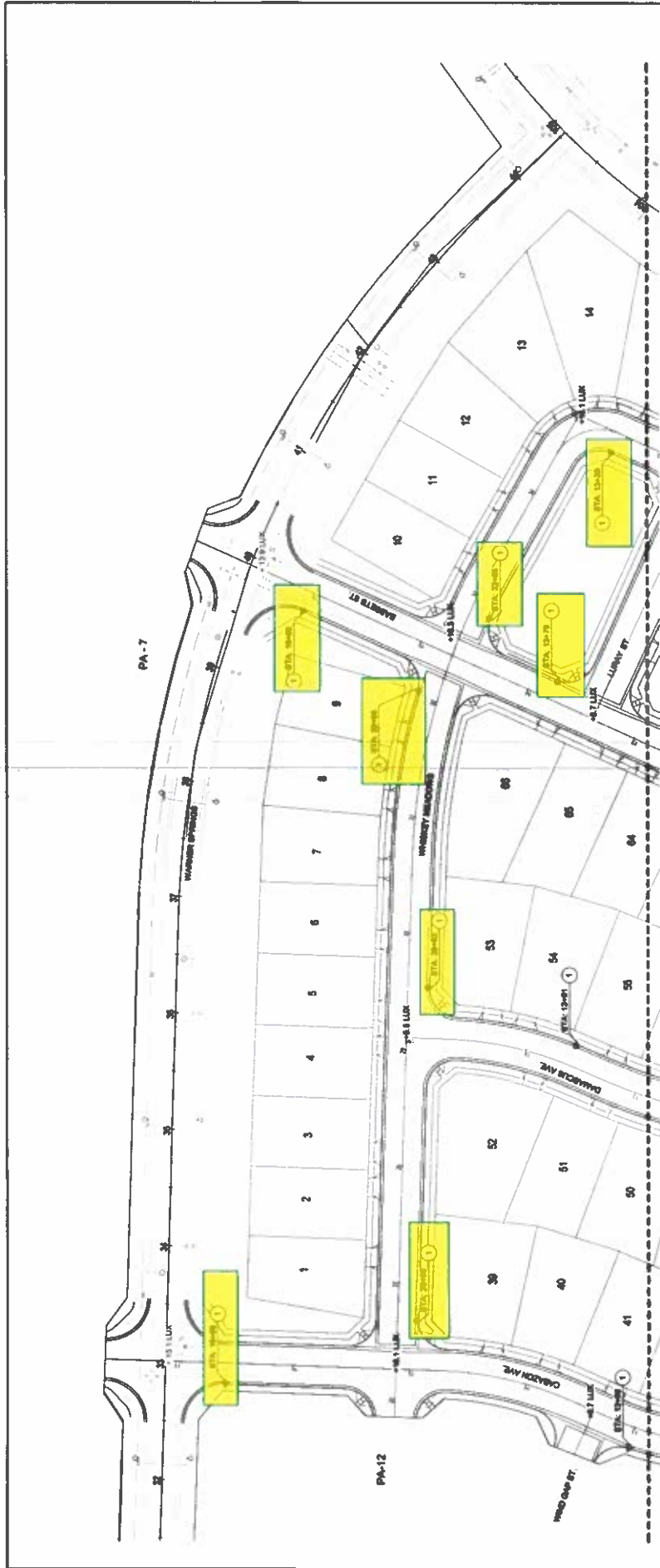
# Southern California Edison Streetlight Authorization Form

**DEVELOPER/APPLICANT MUST PROVIDE THIS FORM  
COMPLETED BY THE PUBLIC AUTHORITY**

**FOR ANY SCE OWNED STREETLIGHT INSTALLATION, REMOVAL, OR CHANGE REQUEST  
INCOMPLETE FORMS WILL BE RETURNED AND NOT PROCESSED**

Project Information					
Public Authority Name: Hesperia Recreation and Parks District					
Builder/Developer Name: Silverwood Development Phase 1, LLC Phone #: (909) 380-9919					
Tract/Ref. #: 18955-12					
Streetlight Location: Marion Mountain, Bassets Street, Whiskey Meadows & Cabazon Avenue					
Streetlight Information					
Type of Request (select one):			Installation		
For Change Requests, describe work to be completed:					
Pole/Lamp Information			Billing Information (New Installations Only)		
# of Lights	Lamp Type*	Lamp Size	Color Temp.	Public Authority Responsibility for Streetlight Monthly Billing	
				Please Select <u>One</u> and Fill Out Applicable Fields	
12	LED	70		Select Upon Energizing	<input checked="" type="checkbox"/>
				If Public Authority is Collecting Builder/Developer Advanced Energy Payment indicate Date Collected	
				Date:	
				Monthly Billing (Select One)*:	
<b>TO BE COMPLETED BY SCE</b>				Establish New Service Account (SA) <input checked="" type="checkbox"/>	
				Utilize Existing SA <input type="checkbox"/>	
District:				SA#:	
Planning AOR:				Date Agreed upon by SCE and public authority or no later than 36 months from first streetlight energized whichever is first	
Planner Name:				Agreement Date:	
Design Manager SR#:				Monthly Billing (Select One):	
Product #:				Establish New Service Account (SA) <input type="checkbox"/>	
Date Received by Planning:				Utilize Existing SA <input type="checkbox"/>	
Public Authority Notes:				SA#:	
				Date Agreed upon by SCE and public authority or no later than 36 months from first streetlight energized whichever is first	
<b>Authorized Public Authority Agent</b>				Agreement Date:	
				Monthly Billing (Select One):	
Name: Michael Varner				Establish New Service Account (SA) <input type="checkbox"/>	
Title: Assist. General Manager				Utilize Existing SA <input type="checkbox"/>	
Phone: 760-604-2234				SA#:	
Date:				HOA Area	
Signature:				HOA Name	
				Other Entity (Please Define)	
				Public Authority is Not Responsible Please Complete Applicable Sections on Right	

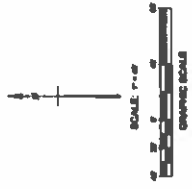




MATCHLINE - SEE SHEET 6-3

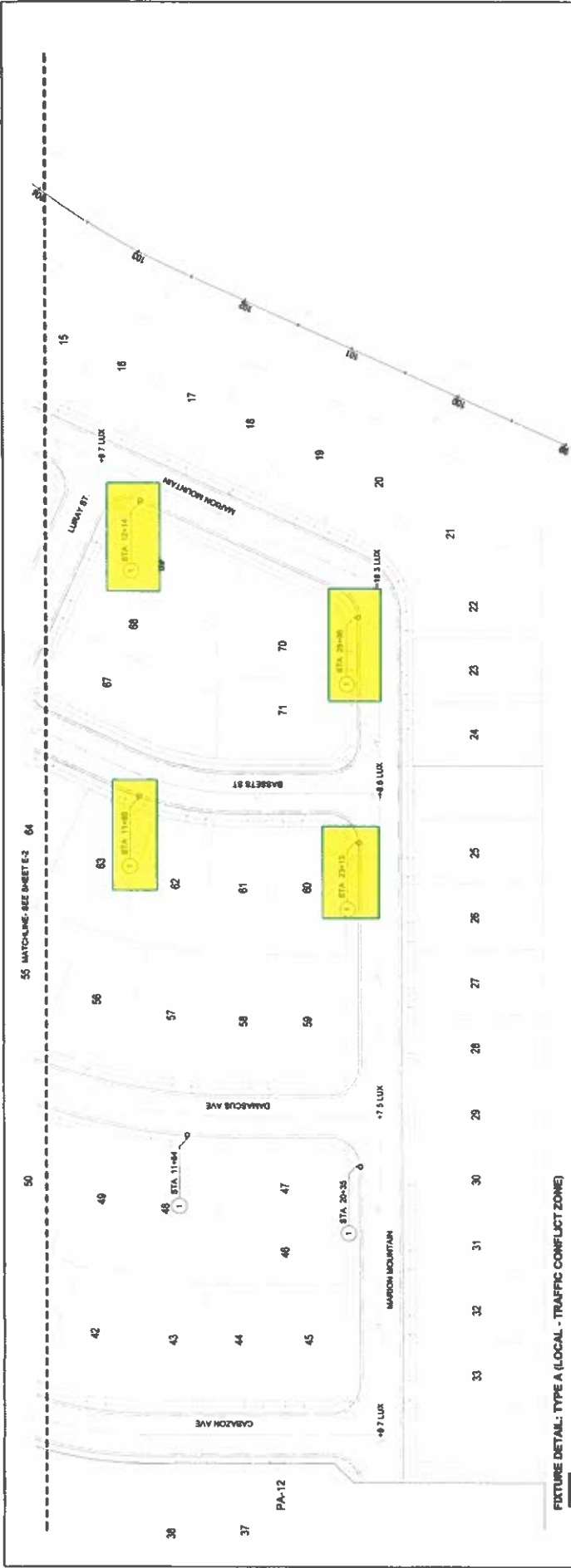
**CONSTRUCTION NOTES**

- 1 INSTALL TYPE A 20 WATT LED STREET LIGHT PER ATTACHED SCHEDULE. SHEET 6-4



CITY OF SILVERWOOD ENGINEERING DEPARTMENT APPROVED FOR APPROVAL BY: <i>[Signature]</i> CONSULTANT: <i>[Signature]</i> P.E. NO. 10211 BY DATE: 03/22/24		CITY OF HESPERIA TRACT 1888 SILVERWOOD PHASE 1A 64-3 PARCELS ROAD & 7 AVENUE LIGHTING SHEET OF 1 E-2	
PREPARED BY: <i>[Signature]</i> CHECKED BY: <i>[Signature]</i> DESIGNED BY: <i>[Signature]</i> DATE: 3/22/24		REVIEWED BY: <i>[Signature]</i> DATE: 3/22/24	
SUBMITTED BY: <i>[Signature]</i> DATE: 3/22/24		APPROVED BY: <i>[Signature]</i> DATE: 3/22/24	
PROJECT NO.: 24-001		SHEET NO.: E-2	





**FIXTURE DETAIL - TYPE A (LOCAL - TRAFFIC CONFLICT ZONE)**



Model WASHURN  
Type LED  
Series ARCHITECTURAL

**CONSTRUCTION NOTES**

- 1. RETAIL TYPE A TO MOUNT LED STREET LIGHT PER FUTURE SCHEDULE SHEET E-3

**PHOTOMETRIC RESULTS TABLE**

PHOTOMETRIC RESULTS OBTAINED USING A LIGHT LOSS FACTOR OF 0.8 (SEE STANDARD PRACTICES FOR CALCULATIONS BY 10% TO OBTAIN LUX)

**INTERSECTIONS**

Per Illuminance Handbook Section 3.1  
Minimum 20000 Average Value to be  
Maintained 20000 Average Value to be

Calculator Surface	Area/Size
ROADWAY	50 FT ON WASHURN
ROADWAY	50 FT ON WASHURN
ROADWAY	50 FT ON WASHURN
ROADWAY	50 FT ON WASHURN
ROADWAY	50 FT ON WASHURN
ROADWAY	50 FT ON WASHURN
ROADWAY	50 FT ON WASHURN
ROADWAY	50 FT ON WASHURN
ROADWAY	50 FT ON WASHURN
ROADWAY	50 FT ON WASHURN

**LUMINAIRE SCHEDULE**

CONTACT INTELLIGENT LIGHTING SYSTEMS FOR FUTURE QUOTE SALES@INTELLIGENTLIGHTING.COM

QTY	MANUFACTURER	MODEL	CONNECTED LOAD	POLE HEIGHT	TYPE
15	DATA	LOCAL TRAFFIC CONFLICT ZONE	0.00	37'	A

15A 1'-2'



**ORDERING INFORMATION**



Model WASHURN  
Type LED  
Series ARCHITECTURAL

Item	Description	Quantity	Unit
1	Local Traffic Conflict Zone Luminaire	15	Each

DESIGNED BY: H. LOVE  
DRAWN BY: H. LOVE  
CHECKED BY: J. LOVE  
PERMITTED BY: [Signature]  
DATE: 7/27/24

APPROVED BY: [Signature]  
DATE: 7/27/24  
PROJECT NO: 24-0001

PLANS PREPARED BY: [Signature]  
SILVERWOOD ENGINEERING DEPARTMENT  
1250 WOODVIEW AVE STE 410  
PHOENIX, AZ 85021

CITY OF HESPERIA  
TRACT 1888 SILVERWOOD PHASE 1A  
PA-13  
RANCHERO ROAD & T AVENUE  
LIGHTING

SHEET 1 OF 3  
E-3

# CITY OF HESPERIA

## SAN BERNARDINO COUNTY, CALIFORNIA

TRACT 18989

STREET LIGHTING PLANS

BB D TD 2113518 19 70W Lights

BB C TD 2113490 5 70W & 8 90W Lights

BB B TD 2107083 8 70W Lights

### GENERAL NOTES

- CONTRACTOR SHALL BE IN ACCORDANCE WITH THESE PLANS AND THE CITY OF HESPERIA STANDARDS AND REGULATIONS.
- BEFORE CONSTRUCTION, THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES TO DETERMINE THE EXACT LOCATION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR ALL UTILITIES AND SHALL BE RESPONSIBLE FOR MARKING ALL UTILITIES BEFORE CONSTRUCTION.
- CALL LOCATIONS SHOWN ARE APPROXIMATE. ALL UTILITIES SHALL BE MARKED BEFORE ANY CONSTRUCTION OF EXCAVATION BEGINS. UTILITIES SHALL BE CONTRACTED BEFORE ANY CONSTRUCTION OF EXCAVATION BEGINS.
- UTILITY COMPANIES TO CONTACT:
  - AMERICAN WATER: (951) 946-4222
  - CITY OF HESPERIA PUBLIC WORKS DEPT: (760) 947-1509
  - CITY OF HESPERIA PUBLIC WORKS DEPT: (760) 947-1509
  - CITY OF HESPERIA FIRE DEPARTMENT: (760) 941-1441
  - SOUTHWEST GAS CORP: (951) 241-9131
  - VERIZON TELEPHONE: (951) 842-3000
  - COURTESY COMMUNICATIONS: (951) 344-0113
  - COMCAST CABLE: (951) 886-8989
  - UNION PACIFIC RAILROAD: (951) 842-3111
  - UNION PACIFIC RAILROAD: (951) 842-3111
  - UNION PACIFIC RAILROAD: (951) 842-3111
  - POST OFFICE: (760) 244-3907
  - HESPERIA SCHOOL DISTRICT: (760) 244-6411
  - UNION PACIFIC RAILROAD: (951) 842-3111
  - ADVANCED FEDERAL: (951) 946-0271
  - UNION PACIFIC RAILROAD: (951) 842-3111
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR ALL UTILITIES AND SHALL BE RESPONSIBLE FOR MARKING ALL UTILITIES BEFORE CONSTRUCTION.
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### LEGEND OR KEY TO SYMBOLS

- 20W LED STREET LIGHT (NOTE 1)
- ◯ 20W LED STREET LIGHT WITH 20W LED PEDESTAL LIGHT (NOTE 1)
- ◯ 20W LED STREET LIGHT WITH 80W LED PEDESTAL LIGHT (NOTE 2)
- ◯ 20W LED STREET LIGHT WITH 20W LED PEDESTAL LIGHT WITH ADVANCED ADJUSTABLE ROAD CURE (NOTE 2)
- ◯ 20W LED STREET LIGHT, PER USE PLAN LOADS (NOTE 2)
- ◯ 20W LED TRIPLE STREET LIGHT, PER USE PLAN LOADS (NOTE 2)
- ◯ 20W LED TRIPLE STREET LIGHT (NOTE 2)
- FULL BOX (NOTE 2)
- ⊠ ELECTRICAL METER PEDESTAL - LIGHTING (SEE PANEL SCHEDULE)
- ⊠ ELECTRICAL METER PEDESTAL - IRRIGATION (SEE PANEL SCHEDULE)
- ⊠ ELECTRICAL METER PEDESTAL - WINDMILL (SEE PANEL SCHEDULE)
- ⊠ ELECTRICAL METER PEDESTAL - WINDMILL (SEE PANEL SCHEDULE)



### SHEET INDEX

- TITLE SHEET E-1
- STREET MAP E-2
- LIGHTING E-3
- LIGHTING E-4
- LIGHTING E-5
- LIGHTING E-6
- LIGHTING E-7
- LIGHTING E-8
- LIGHTING E-9
- LIGHTING E-10
- LIGHTING E-11
- LIGHTING E-12
- DETAILS E-13
- DETAILS E-14
- PANEL SCHEDULES E-15
- PANEL SCHEDULES/METER DETAILS E-15
- STRUCTURAL BASE DETAIL E-16

SITE LIGHTING RESPONSIBILITY MATRIX

INSTALLER BY	POWER SOURCE	DIRECTED BY
EXTRALIGHT	METER	CITY
CONTRACTOR	ICE LA	RELAY
CONTRACTOR	ICE LA	RETRACT
CONTRACTOR	ICE LA	RETRACT
CONTRACTOR	ICE LA	RETRACT
CONTRACTOR	ICE LA	RETRACT
CONTRACTOR	ICE LA	RETRACT
CONTRACTOR	ICE LA	RETRACT

**OWNER**  
CITY OF HESPERIA  
330 WEST 19TH STREET  
HESPERIA, CA 92543  
TEL: (760) 947-1509

### DECLARATION OF ENGINEER OF RECORD

I HEREBY DECLARE THAT IN MY PROFESSIONAL OPINION THE DESIGN OF THE PROJECT AS SHOWN ON THESE PLANS COMPLIES WITH THE CURRENT STANDARDS AND REGULATIONS OF THE CITY OF HESPERIA AND THAT I AM A LICENSED ENGINEER OF RECORD IN THE STATE OF CALIFORNIA. I AM NOT PROVIDING ANY GUARANTEE OR WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, FOR THE ACCURACY OF THE INFORMATION PROVIDED BY ANY OTHER PARTY. I AM NOT PROVIDING ANY GUARANTEE OR WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, FOR THE ACCURACY OF THE INFORMATION PROVIDED BY ANY OTHER PARTY.

**811**  
Know what's below.  
Call 811

CITY OF HESPERIA ENGINEERING DEPARTMENT

RECOMMENDED FOR APPROVAL BY

APPROVED BY

DATE

CITY OF HESPERIA

TRACT 18989 SILVERWOOD PHASE 1A

RANCHERO ROAD & Y AVENUE

TITLE INDEX SHEET

OF

SHEETS

APPROVED BY

DATE

AUTHORIZED SIGNATURE

PLANS PREPARED BY: H. LOVE

DESIGNED BY: H. LOVE

CHECKED BY: J. LOVE

DATE: 6/29/23

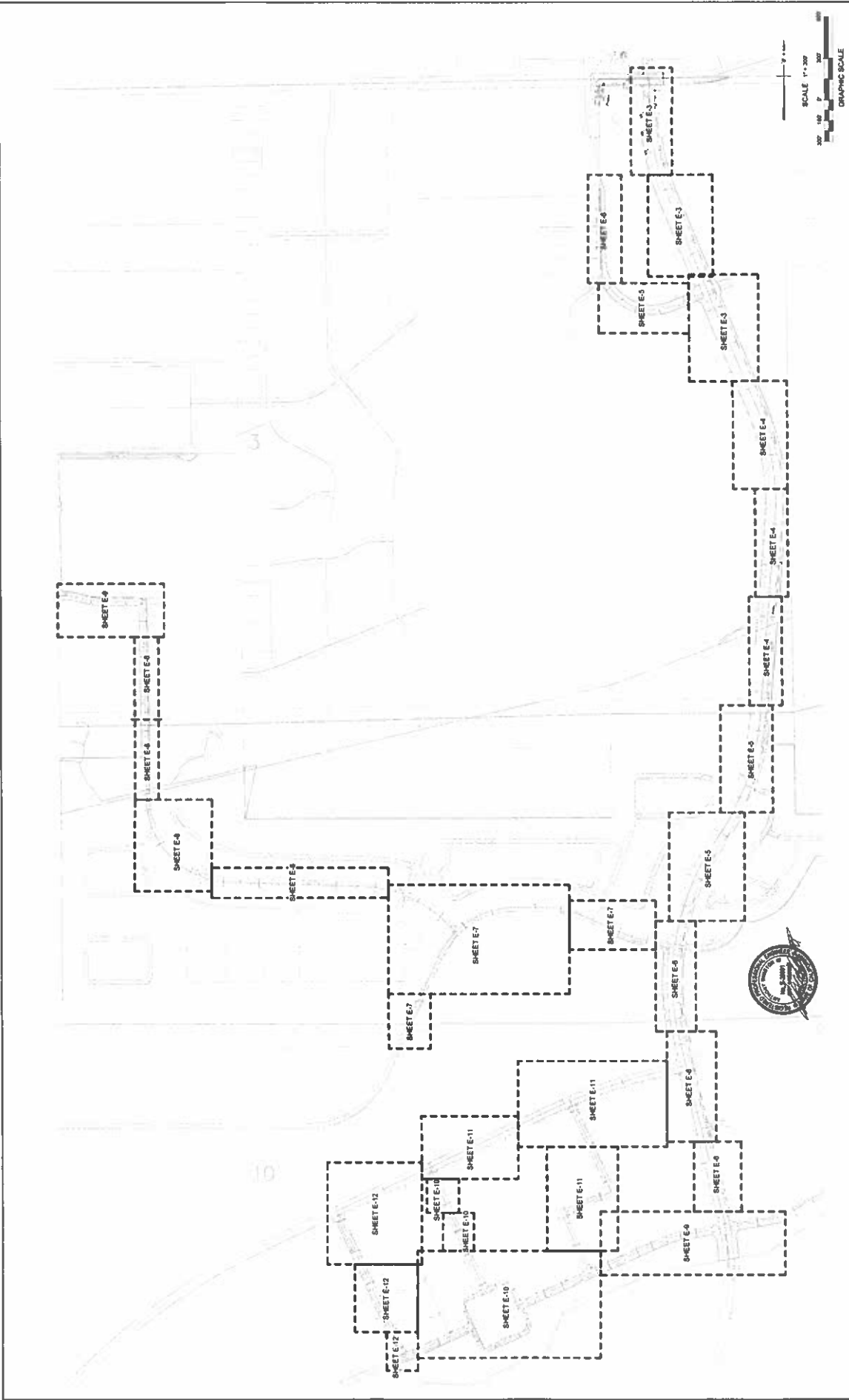
811

Know what's below. Call 811

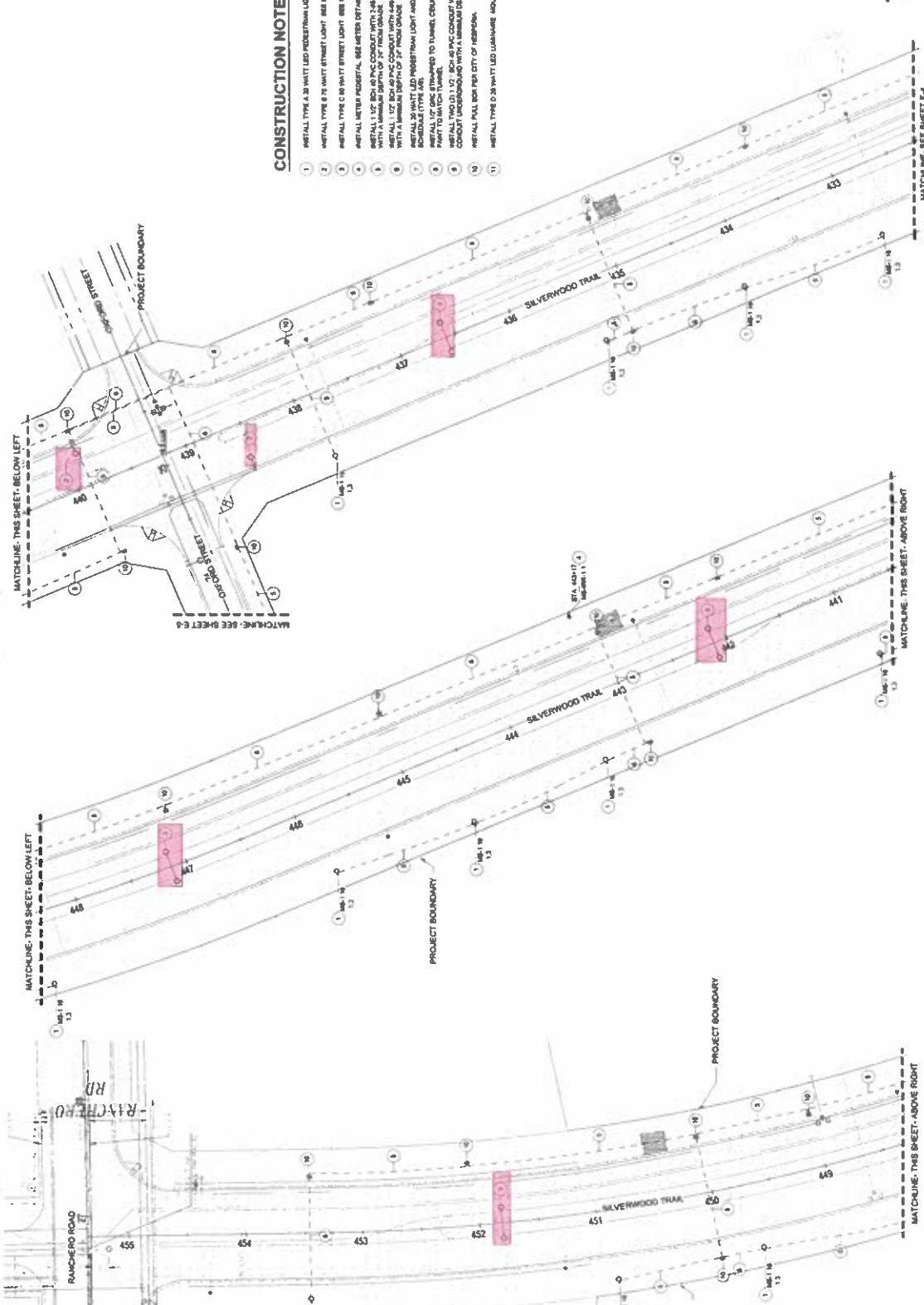
REVISIONS:

NO.	DESCRIPTION	DATE	BY





SHEET 2 OF 16 E-2	CITY OF HESPERIA TRACT 1888 SILVERWOOD PHASE 1A RANCHERO ROAD & Y AVENUE SHEET MAP	CITY OF HESPERIA ENGINEERING DEPARTMENT RECOMMENDED FOR APPROVAL BY APPROVED BY DATE	APPROVED BY MICHAEL P. TRUBBIDI DATE 02/14/2022	AUTHORIZED SIGNATURE 	PLANS PREPARED BY MICHAEL LIGHTING SYSTEMS Group - Hesperia 877 W. 10TH ST. BLDG. A HESPERIA, CA 92530 PHONE (760) 938-0801			DESIGNED BY H. LOVE	CHECKED BY H. LOVE	SUBMITTED BY J. LOVE	DATE 02/20/22
								CITY OF HESPERIA LOCATION XXXXXXXXXXXXXXXXXXXXXXX	DESCRIPTION XXXXXXXXXXXXXXXXXXXXXXX	ELEVATION XXXXXXX	DATE 



**CONSTRUCTION NOTES**

- 1 METAL TYPE A 28 WATT LED PEDIESTRIAN LIGHT PER FUTURE BONDABLE SHEET E-11
- 2 METAL TYPE B 70 WATT STREET LIGHT SEE SIDE PLAN L-100A
- 3 METAL TYPE C 70 WATT STREET LIGHT SEE SIDE PLAN L-100B
- 4 METAL TYPE D 28 WATT LED LUMINAIRE SUPPORT TO TUNNEL CEILING
- 5 METAL TYPE E 28 WATT LED PEDIESTRIAN LIGHT PER FUTURE BONDABLE SHEET E-11
- 6 METAL TYPE F 70 WATT STREET LIGHT SEE SIDE PLAN L-100A
- 7 METAL TYPE G 70 WATT STREET LIGHT SEE SIDE PLAN L-100B
- 8 METAL TYPE H 28 WATT LED PEDIESTRIAN LIGHT PER FUTURE BONDABLE SHEET E-11
- 9 METAL TYPE I 28 WATT LED PEDIESTRIAN LIGHT PER FUTURE BONDABLE SHEET E-11
- 10 METAL TYPE J 28 WATT LED PEDIESTRIAN LIGHT PER FUTURE BONDABLE SHEET E-11
- 11 METAL TYPE K 28 WATT LED PEDIESTRIAN LIGHT PER FUTURE BONDABLE SHEET E-11



CITY OF HESPERIA  
 TRACT 1888 SILVERWOOD PHASE 1A  
 RANCHOERO ROAD & AVENUE  
 LIGHTING

APPROVED BY  
 [Signature]  
 DATE  
 R.O.C. 5252 CITY ENGINEER

CITY OF HESPERIA  
 ENGINEERING DEPARTMENT  
 RECOMMENDED FOR APPROVAL BY  
 [Signature]  
 DATE  
 AUTOMOBILE DESIGNER

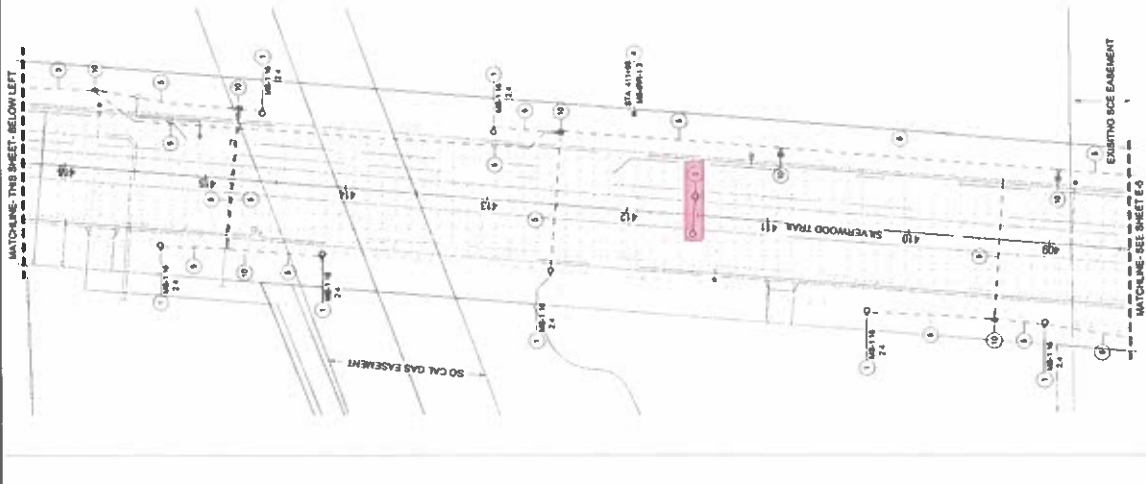
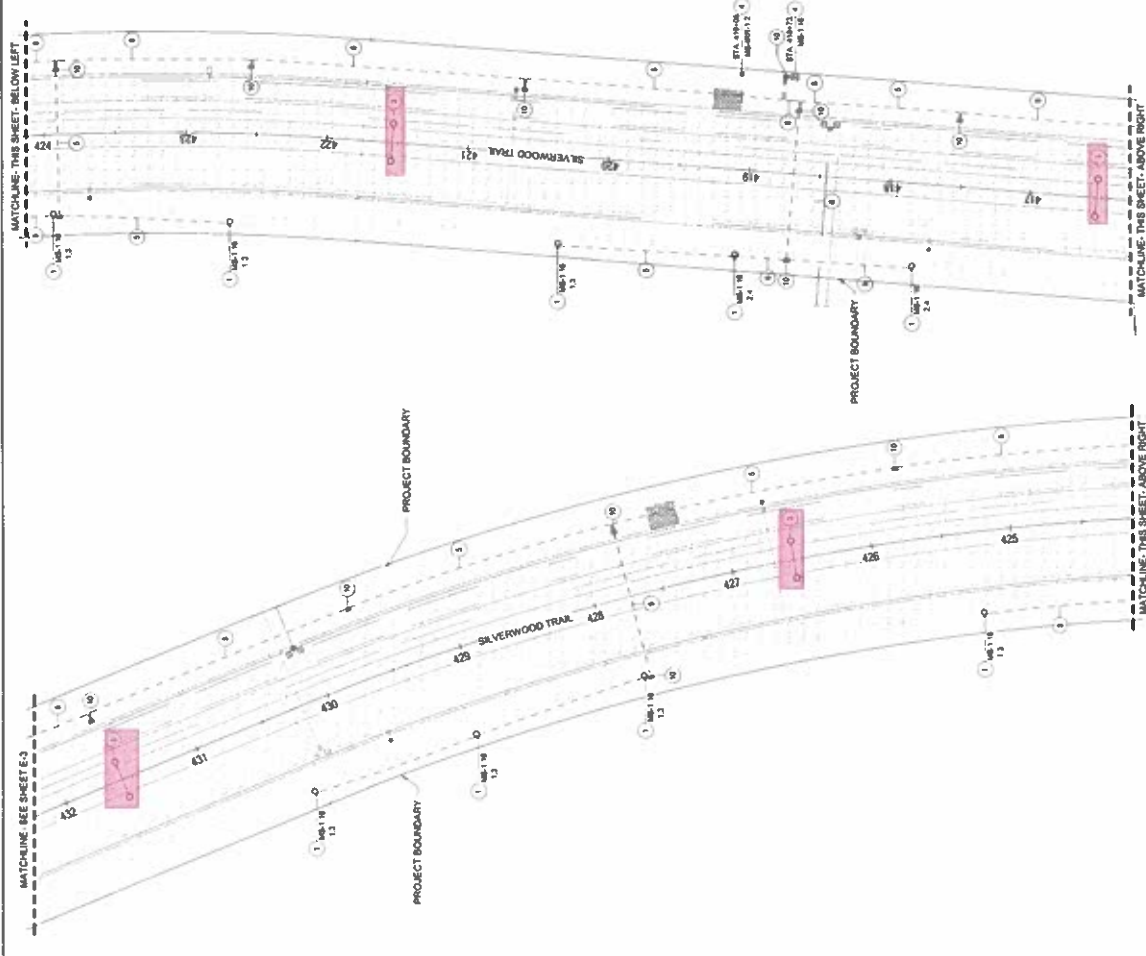
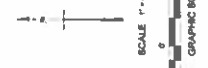
DESIGNED BY H. LOVE  
 DRAWN BY H. LOVE  
 CHECKED BY J. LOVE  
 SUBMITTED BY  
 DATE

REV	DESCRIPTION	DATE	BY

REVISIONS

**CONSTRUCTION NOTES**

1. INSTALL TYPE A-30 WATT LED PREDRILLAM LIGHT FIXTURE. SEE SCHEDULE SHEET 6-11.
2. INSTALL TYPE B-70 WATT STREET LIGHT. SEE SIDE PLAN L-2000.
3. INSTALL TYPE C-10 WATT STREET LIGHT. SEE SIDE PLAN L-2000.
4. INSTALL METER PREDRILLAM. SEE METER DETAIL SHEET 6-13.
5. INSTALL 1/2" SCH. 40 PVC CONDUIT WITH 3/8" AND 1/4" O.D. GROUND WIRE UNDERGROUND WITH A MINIMUM DEPTH OF 36" FROM GRADE.
6. INSTALL 1/2" SCH. 40 PVC CONDUIT WITH 3/8" AND 1/4" O.D. GROUND WIRE UNDERGROUND WITH A MINIMUM DEPTH OF 36" FROM GRADE.
7. INSTALL 20 WATT LED PREDRILLAM LIGHT AND TO WATT LED STREET LIGHT PER FIXTURE SCHEDULE TYPE AND.
8. CONDUIT TO BE DRILLED TO TUNNEL, CEILING WITH 1/4" AND 1/8" GROUND WIRE. PAINT TO MATCH TUNNEL.
9. INSTALL TWO (2) 1/2" SCH. 40 PVC CONDUIT WITH 3/8" AND 1/4" O.D. GROUND WIRE IN EACH CONDUIT UNDERGROUND WITH A MINIMUM DEPTH OF 36" FROM GRADE.
10. INSTALL TYPE B-70 WATT LED LUMINAIRE. MOUNT TO TUNNEL CEILING.



REV	DESCRIPTION	DATE	BY

DESIGNED BY <b>H. LOVE</b>	CHECKED BY <b>J. LOVE</b>	DATE <b>5-23-2023</b>	SCALE <b>AS SHOWN</b>
DRAWN BY <b>H. LOVE</b>	CHECKED BY <b>J. LOVE</b>	DATE <b>5-23-2023</b>	SCALE <b>AS SHOWN</b>

PREPARED BY <b>PLANS PREPARED BY Engineering Systems Engineering Department 277 W. FINN ST., STE. A MIDLAND, TX 79701-33001 PHONE (767) 831-0011</b>	APPROVED BY <b>Michael Thornton CITY ENGINEER DATE 5/23/23</b>
---	---

RECOMMENDED FOR APPROVAL BY <b>CITY OF HESPERIA ENGINEERING DEPARTMENT</b>	APPROVED BY <b>Michael Thornton CITY ENGINEER DATE 5/23/23</b>
---	---

PROJECT <b>BENCHMARK CITY OF HESPERIA SILVERWOOD TRAIL PROJECT LOCATED AT XXXXXXXXXXXXXXXXXXXX</b>	PROJECT NO. <b>2300000000000000000000</b>
DESCRIPTION <b>ILLUMINATION - SIDEWALK</b>	ELEVATION - SIDEWALK

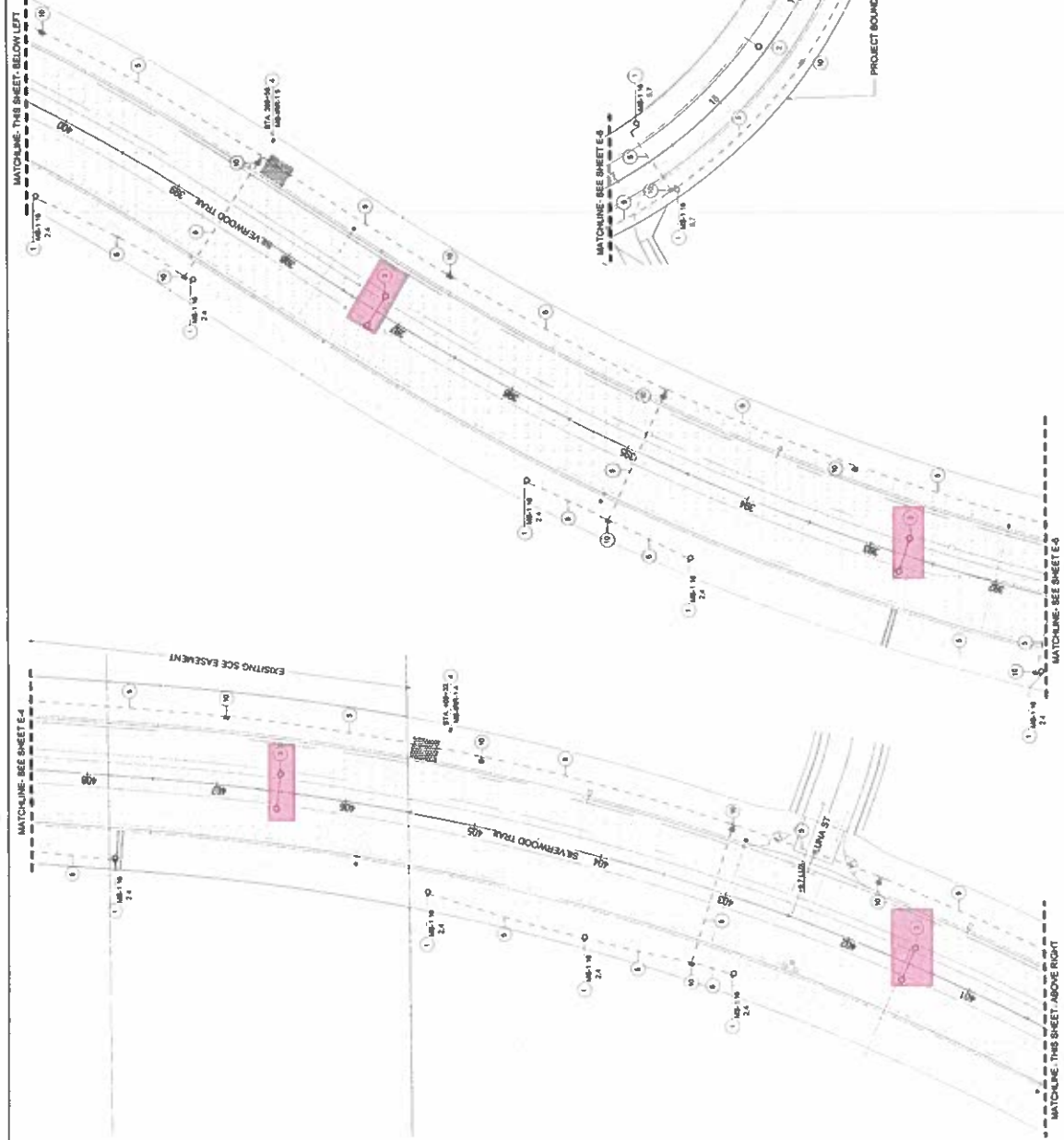
  

CITY OF HESPERIA	TRACT 10088 SILVERWOOD PHASE 1A
RANCHO ROAD & T AVENUE	
LIGHTING	
SHEET	E-4
OF	16



**CONSTRUCTION NOTES**

1. INSTALL TYPE A 30 WATT LED UNDERSTRAK LIGHT PER FUTURE SCHEDULE SHEET E-10
2. INSTALL TYPE B 30 WATT STREET LIGHT SEE SEE PLAN LAYOUT
3. INSTALL TYPE C 60 WATT STREET LIGHT SEE SEE PLAN LAYOUT
4. INSTALL METER PEDIestal SEE METER DETAIL SHEET E-11
5. INSTALL 1.5" SCH 40 PVC CONDUIT WITH 2.0" AND 1.4" GROUND WIRE UNDERGROUND WITH A MINIMUM DEPTH OF 24" FROM GRADE
6. INSTALL 1.5" SCH 40 PVC CONDUIT WITH 2.0" AND 1.4" GROUND WIRE UNDERGROUND WITH A MINIMUM DEPTH OF 24" FROM GRADE
7. INSTALL 30 WATT LED UNDERSTRAK LIGHT AND 30 WATT LED STREET LIGHT PER FUTURE SCHEDULE TYPE A/B
8. PROVIDE 10' TUNNEL CEILING WITH 1/4" AND 1/4" GROUND WIRE PER MOUNTING DETAIL SHEET E-12
9. INSTALL 1/2" SCH 40 PVC CONDUIT WITH 2.0" AND 1.4" GROUND WIRE IN SLASH CONDUIT UNDERGROUND WITH A MINIMUM DEPTH OF 24" FROM GRADE
10. INSTALL TYPE D 30 WATT LED UNDERSTRAK LIGHT NO TUNNEL CEILING



**CITY OF HESPERIA**  
 TRACT 1888 SILVERWOOD PHASE 1A  
 RANCHERO ROAD & T AVENUE

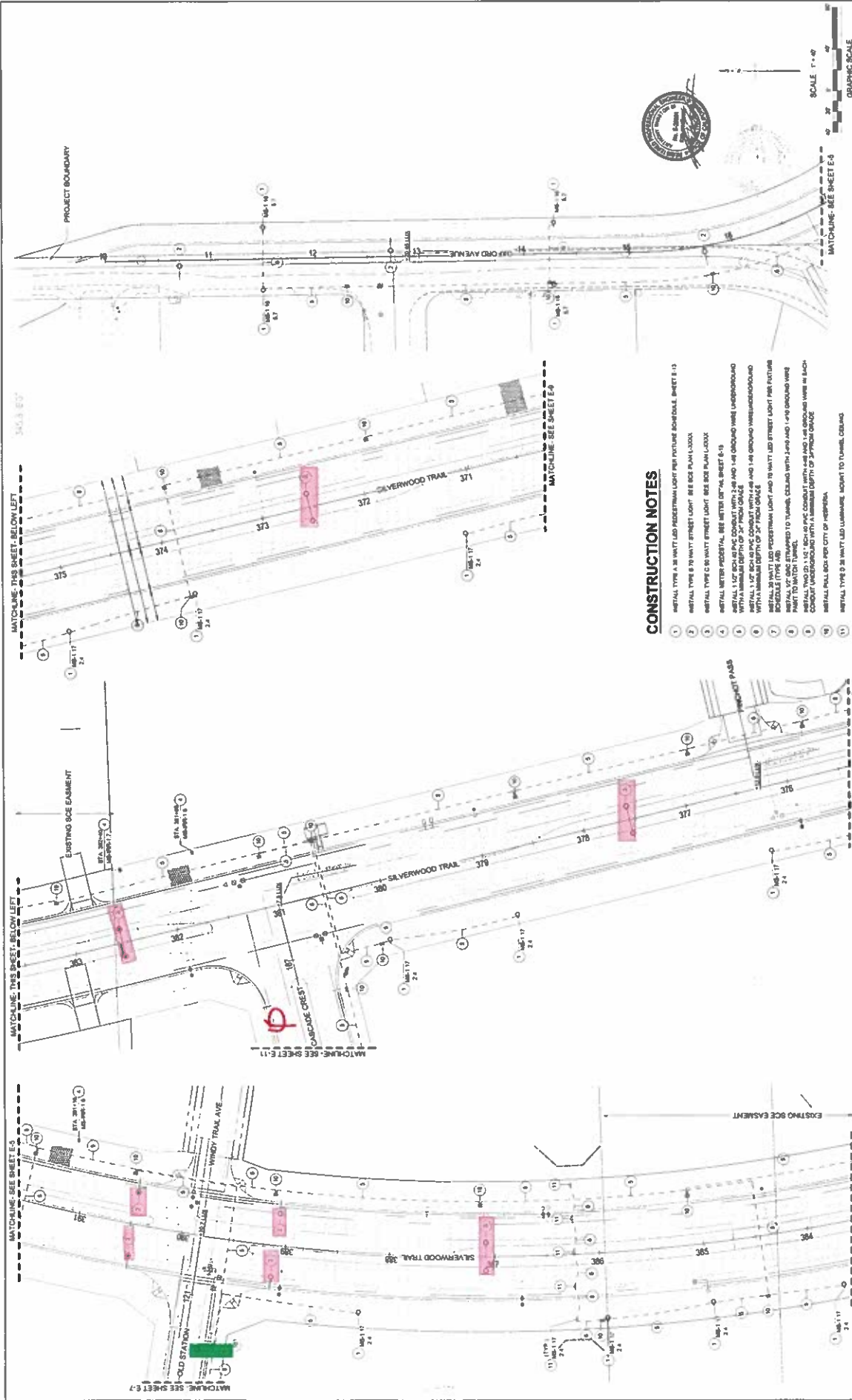
**CITY OF HESPERIA**  
 ENGINEERING DEPARTMENT  
 APPROVED FOR APPROVAL BY  
 APPROVED BY: *[Signature]*  
 PROJECT NUMBER: 1/18/13  
 SHEET NUMBER: 11  
 DATE: 09/25/15  
 R.C.E. - 4524 - 001 (09/25/15)

PLANS PREPARED BY  
 Silverwood Lighting Systems  
 877 W 4TH ST. STE A  
 HESPERIA, CA 92541  
 PHONE (760) 834-0001

DESIGNED BY: H. LOVE  
 DRAWN BY: H. LOVE  
 CHECKED BY: J. LOVE  
 SUBMITTED BY: S. J. JONES  
 DATE: 09/25/15

NO.	DESCRIPTION	DATE	BY

SHEET 11 OF 11  
 E-5

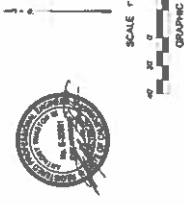
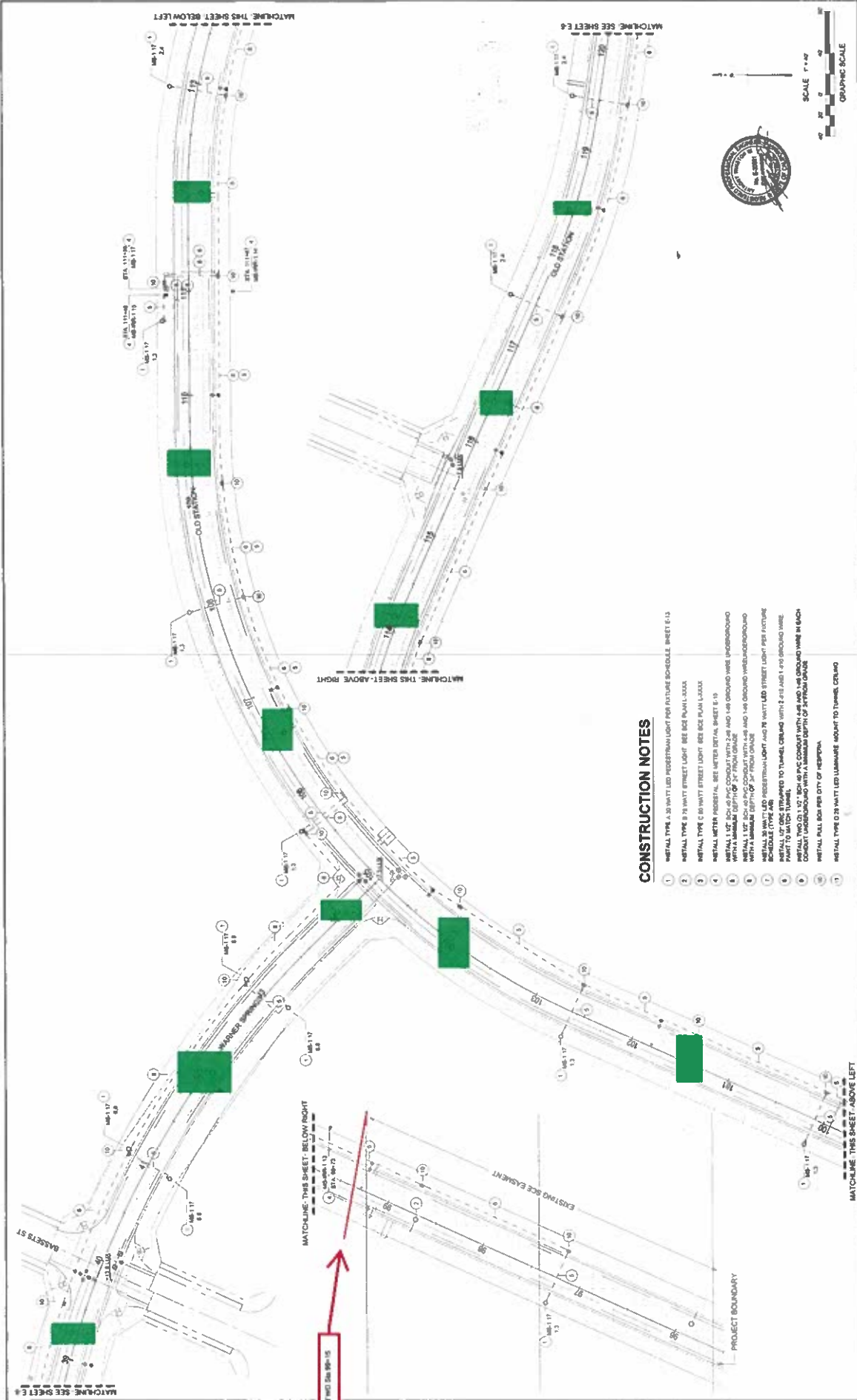


**CONSTRUCTION NOTES**

1. INSTALL TYPE A 38 WATT LED RECESSED LIGHT PER PICTURE SCHEDULE SHEET E-13
2. INSTALL TYPE B 70 WATT STREET LIGHT SEE SIDE PLAN LAYOUT
3. INSTALL TYPE C 50 WATT STREET LIGHT SEE SIDE PLAN LAYOUT
4. INSTALL TYPE D 50 WATT STREET LIGHT SEE SIDE PLAN LAYOUT
5. INSTALL TYPE E 50 WATT STREET LIGHT SEE SIDE PLAN LAYOUT
6. INSTALL 1/2" SCH 40 SPAC COMBAT WITH 1/4" AND 1/8" GROUND WIRE UNDERGROUND WITH MINIMUM DEPTH OF 30" FROM GRADE
7. INSTALL 1/2" SCH 40 SPAC COMBAT WITH 1/4" AND 1/8" GROUND WIRE UNDERGROUND WITH MINIMUM DEPTH OF 30" FROM GRADE
8. INSTALL 1/2" SCH 40 SPAC COMBAT WITH 1/4" AND 1/8" GROUND WIRE UNDERGROUND WITH MINIMUM DEPTH OF 30" FROM GRADE
9. INSTALL 1/2" SCH 40 SPAC COMBAT WITH 1/4" AND 1/8" GROUND WIRE UNDERGROUND WITH MINIMUM DEPTH OF 30" FROM GRADE
10. INSTALL 1/2" SCH 40 SPAC COMBAT WITH 1/4" AND 1/8" GROUND WIRE UNDERGROUND WITH MINIMUM DEPTH OF 30" FROM GRADE
11. INSTALL TYPE D 38 WATT LED RECESSED LIGHT TO TUNNEL CEILING

 <b>CITY OF HESPERIA</b> TRACT 1888 SILVERWOOD PHASE 1A RANCHERO ROAD & AVENUE	<b>CITY OF HESPERIA</b> ENGINEERING DEPARTMENT RECOMMENDED FOR APPROVAL BY  H. LOVE DATE: 5/23/2023	APPROVED BY  J. LOVE DATE: 5/23/2023	AUTHORIZED SIGNATURE  J. LOVE DATE: 5/23/2023	PROJECT NO. 23-001	SHEET 6 OF 16	LIGHTING E-6	GRAPHIC SCALE SCALE 1" = 40' 
<p style="text-align: center;"><b>SILVERWOOD</b></p> <p style="text-align: center;">PLANS PREPARED BY:  <b>Lighting Systems</b>          Design - Professional          877 W. 5TH ST. STE. A          HESPERIA, CA 92343          PHONE (760) 833-0001</p>							
REV.	DESCRIPTION	DATE	BY	DATE	BY	DATE	BY





SCALE 1" = 20'  
GRAPHIC SCALE

**CONSTRUCTION NOTES**

1. METAL TYPE A 30 WATT LED PEDIESTAL LIGHT PER FUTURE SCHEDULE SHEET E-13
2. METAL TYPE B 75 WATT STREET LIGHT SEE SEE PLAN LOOK
3. METAL TYPE C 60 WATT STREET LIGHT SEE SEE PLAN LOOK
4. METAL METER PEDISTAL SEE METER DETAIL SHEET E-15
5. METAL 1/2" SCH 40 PVC CONDUIT WITH 2" AND 1/4" GROUND WIRE UNDERGROUND WITH A MINIMUM DEPTH OF 24" FROM GRADE AND 1/4" GROUND WIRE UNDERGROUND WITH A MINIMUM DEPTH OF 36" FROM GRADE
6. METAL 3/4" SCH 40 PVC CONDUIT WITH 2" AND 1/4" GROUND WIRE UNDERGROUND WITH A MINIMUM DEPTH OF 36" FROM GRADE
7. METAL 30 WATT LED PEDIESTAL LIGHT AND 75 WATT LED STREET LIGHT PER FUTURE SCHEDULE TYPE A-B
8. METAL 1/2" SCH 40 PVC CONDUIT TO TUNNEL CROWN WITH 2" AND 1/4" GROUND WIRE
9. METAL TWO (2) 1/2" SCH 40 PVC CONDUIT WITH 2" AND 1/4" GROUND WIRE IN EACH CONDUIT UNDERGROUND WITH A MINIMUM DEPTH OF 36" FROM GRADE
10. METAL FULL BOX PER CITY OF HESPERIA
11. METAL TYPE D 25 WATT LED LUMINAIRE MOUNT TO TUNNEL CROWN

SHEET 7 OF 15  
E-7  
LIGHTING

CITY OF HESPERIA  
TRACT 188A SILVERWOOD PHASE 1A  
RANCHERO ROAD & T AVENUE

APPROVED BY: [Signature]  
DATE: 7/25/19  
RECOMMENDED FOR APPROVAL BY: [Signature]  
DATE: \_\_\_\_\_  
CITY OF HESPERIA ENGINEERING DEPARTMENT

PLAN PREPARED BY: [Signature]  
MULTIPLY LIGHTING SYSTEMS  
877 W. 4TH ST. STE. A  
PHOENIX, AZ 85001



DESIGNED BY: H. LOVE  
DRAWN BY: H. LOVE  
SUBMITTED BY: J. LOVE  
DATE: 5-29-2019  
REVISION: 1000000

NO.	DESCRIPTION	DATE	BY	ELEVATION

End of MID DIST 100-15

MATCHLINE THIS SHEET BELOW RIGHT

MATCHLINE THIS SHEET ABOVE LEFT

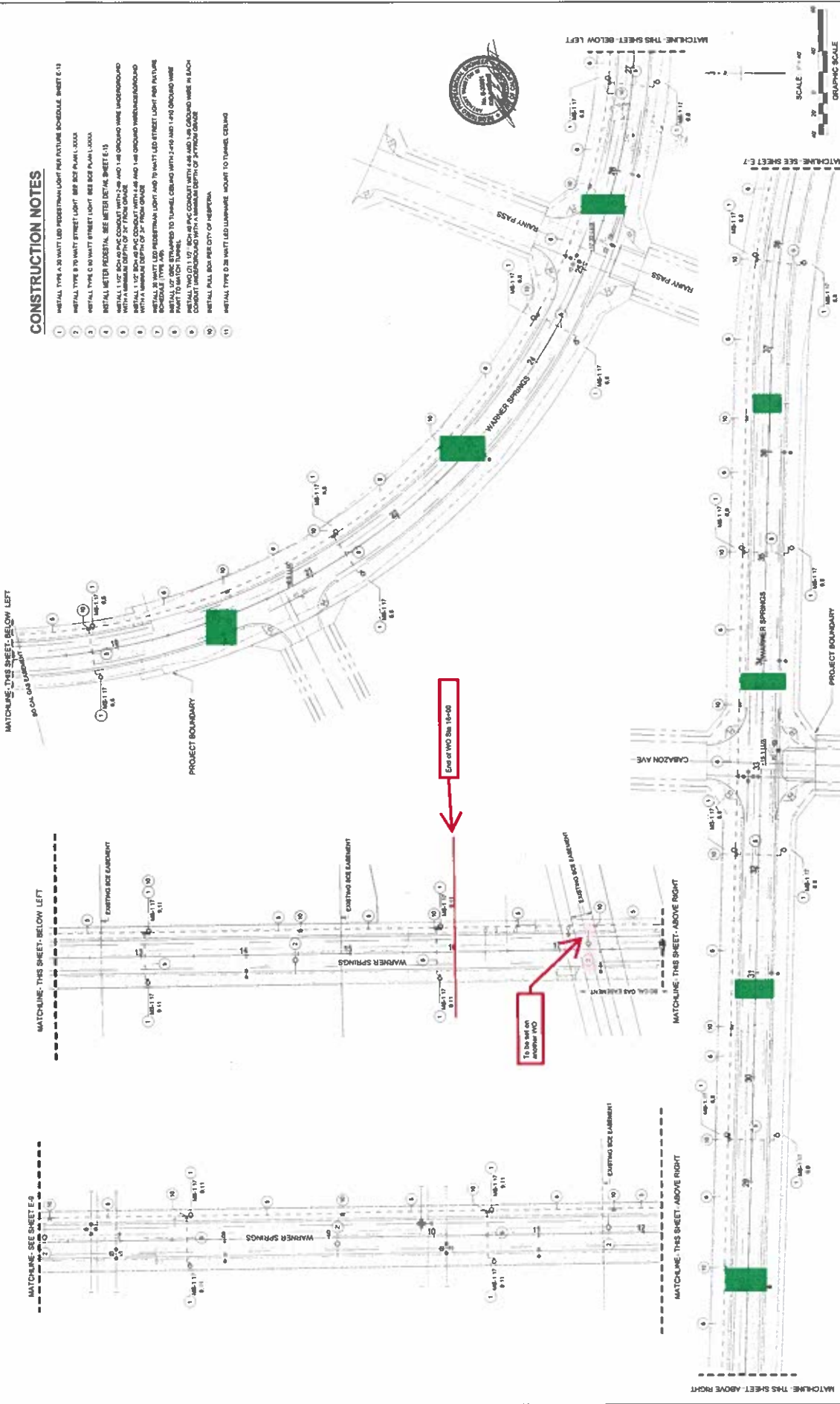
MATCHLINE SEE SHEET E-6

MATCHLINE THIS SHEET BELOW LEFT

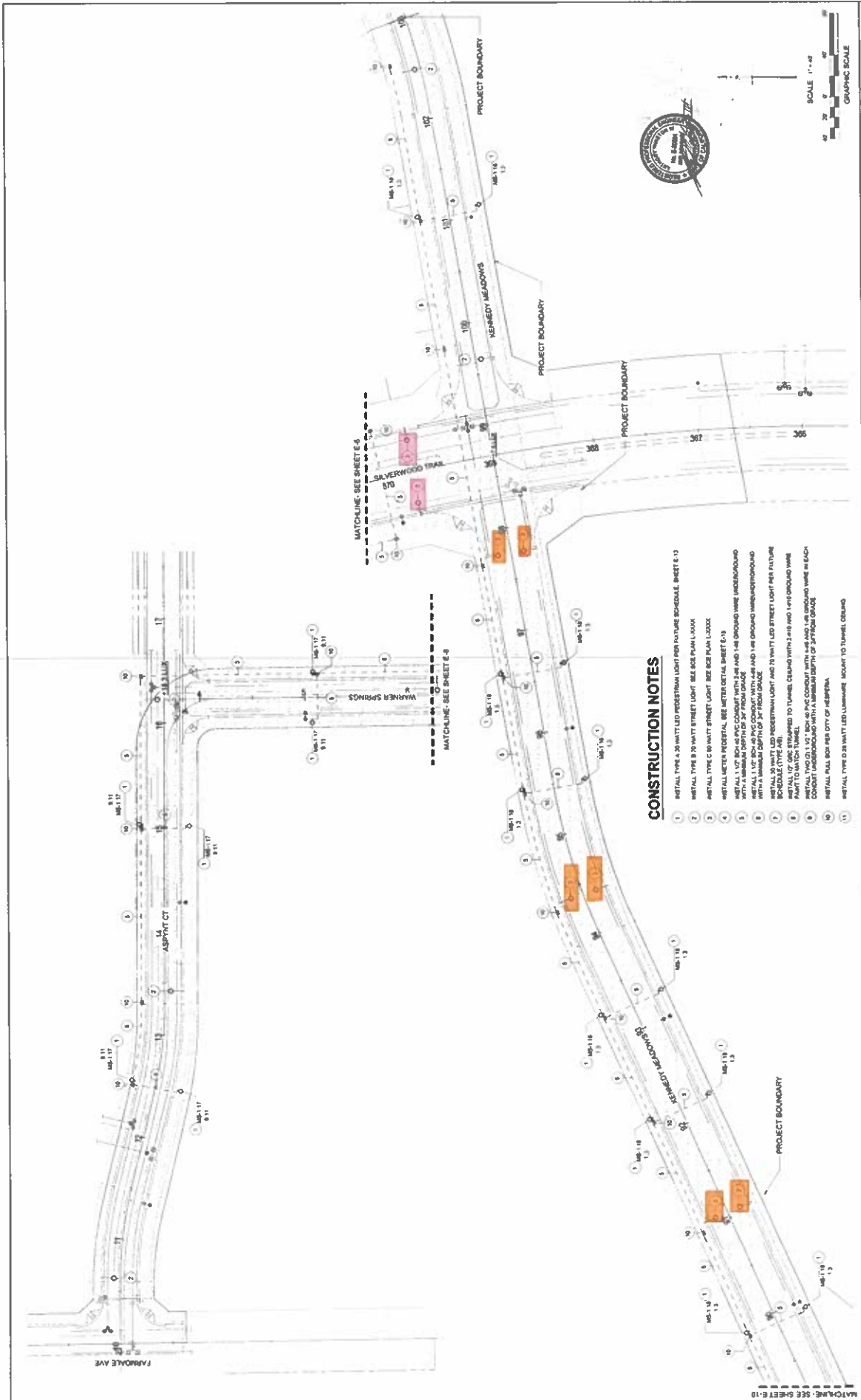
MATCHLINE SEE SHEET E-8

### CONSTRUCTION NOTES

- 1 METAL TYPE A IS WATT LED RECESSED LIGHT PER FIXTURE SCHEDULE SHEET E-13
- 2 METAL TYPE B IS WATT STREET LIGHT SEE SEE PLAN XXXX
- 3 METAL TYPE C IS WATT STREET LIGHT SEE SEE PLAN XXXX
- 4 METAL WET SP RECESSED. SEE DETAIL SHEET E-15
- 5 METAL WET SP RECESSED WITH 2" RISE AND 1/4" ROUNDED WERE UNDERGROUND
- 6 METAL WET SP RECESSED WITH 2" RISE AND 1/4" ROUNDED WERE UNDERGROUND WITH A MINIMUM DEPTH OF 2" FROM GRADE
- 7 METAL IS WATT LED RECESSED LIGHT AND TO WATT LED STREET LIGHT PER FIXTURE SCHEDULE TYPE AND
- 8 METAL IS WATT LED RECESSED LIGHT AND TO WATT LED STREET LIGHT PER FIXTURE SCHEDULE TYPE AND TO WATT LED STREET LIGHT PER FIXTURE SCHEDULE TYPE AND
- 9 METAL WATT LED IS WATT LED RECESSED WITH 2" RISE AND 1/4" ROUNDED WERE UNDERGROUND WITH A MINIMUM DEPTH OF 2" FROM GRADE
- 10 METAL TYPE B IS WATT LED LUMINAIRE HOUSE TO TUNNEL CEILING
- 11 METAL TYPE B IS WATT LED LUMINAIRE HOUSE TO TUNNEL CEILING



CITY OF HESPERIA TRACT 1888 SILVERWOOD PHASE 1A RANCHO ROAD E AVENUE LIGHTING	APPROVED BY <i>H. Love</i> DATE: <i>11/25/25</i> PROJECT NO: <i>2025-003</i> CITY ENGINEER	CITY OF HESPERIA ENGINEERING DEPARTMENT RECOMMENDED FOR APPROVAL BY <i>M. D. Jones</i> DATE: <i>11/25/25</i> PROJECT NO: <i>2025-003</i> CITY ENGINEER	PLANS PREPARED BY <b>SILVERWOOD</b> LANDSCAPE LIGHTING SYSTEMS 1800 S. MONTE CALTEJO AVENUE SUITE 100 HESPERIA, CALIFORNIA 92530 PHONE (760) 833-0401	DATE: <i>11/25/25</i>	REVISION NO.	DATE	DESCRIPTION	ELEVATION



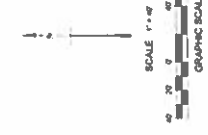
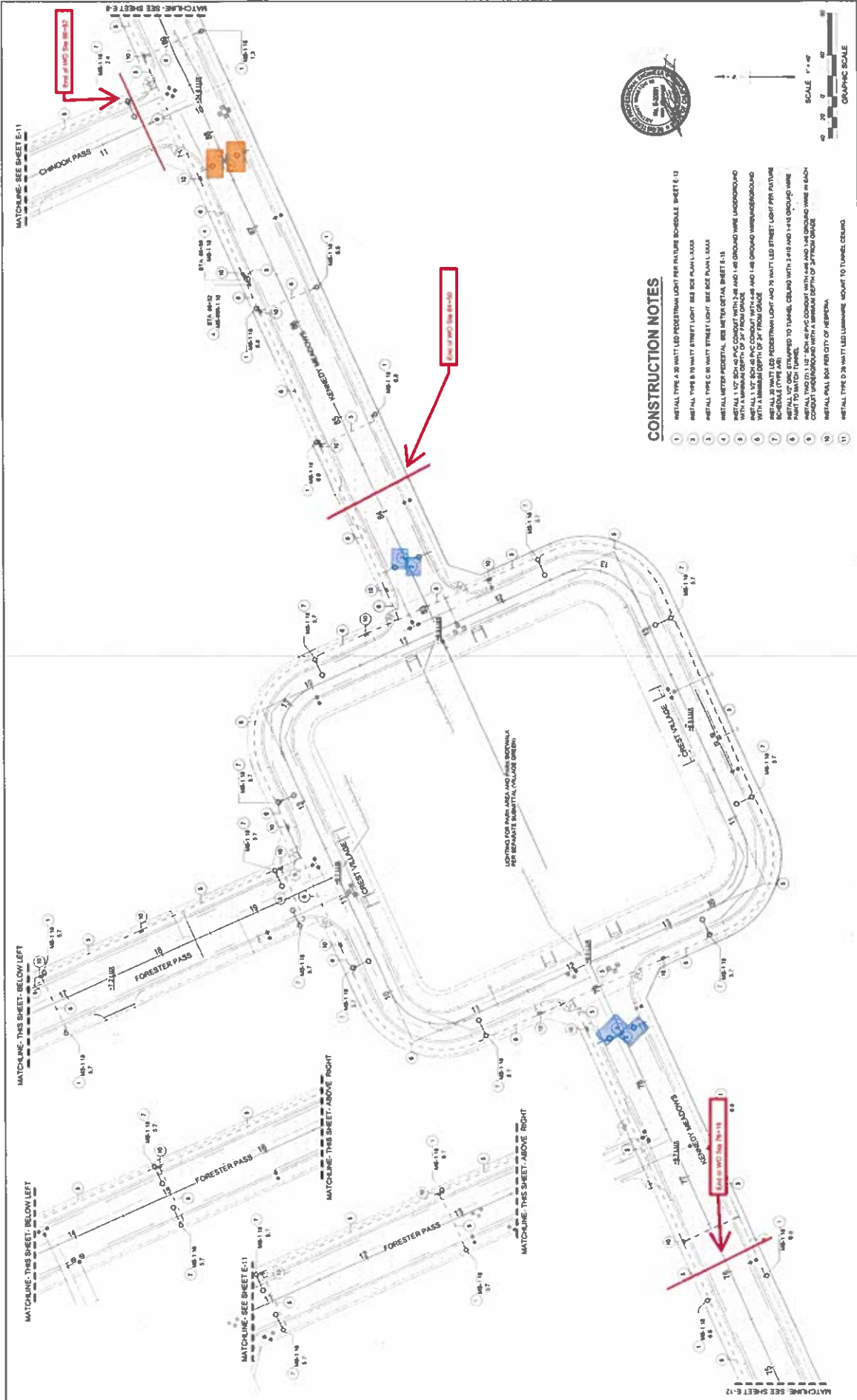
**CONSTRUCTION NOTES**

1. INSTALL TYPE A 20 WATT LED PEDIESTRIAN LIGHT PER FUTURE SCHEDULE SHEET E-13
2. INSTALL TYPE B 20 WATT STREET LIGHT SEE PLAN LOOK
3. INSTALL TYPE C 20 WATT STREET LIGHT SEE PLAN LOOK
4. INSTALL METER PEDIESTRIAN SEE METERS DETAIL SHEET E-13
5. INSTALL 1/2" BOW-UP PVC CONDUIT WITH 1/2" AND 1/4" GROUND WIRE UNDERGROUND WITH A MINIMUM DEPTH OF 30" FROM GRADE
6. INSTALL 20 WATT LED PEDIESTRIAN LIGHT AND 20 WATT LED STREET LIGHT PER FUTURE SCHEDULE (TYPE A/B)
7. INSTALL 1/2" BOW-UP PVC CONDUIT WITH 1/2" AND 1/4" GROUND WIRE UNDERGROUND WITH A MINIMUM DEPTH OF 30" FROM GRADE
8. INSTALL 1/2" BOW-UP PVC CONDUIT WITH 1/2" AND 1/4" GROUND WIRE UNDERGROUND WITH A MINIMUM DEPTH OF 30" FROM GRADE
9. INSTALL 1/2" BOW-UP PVC CONDUIT WITH 1/2" AND 1/4" GROUND WIRE UNDERGROUND WITH A MINIMUM DEPTH OF 30" FROM GRADE
10. INSTALL 1/2" BOW-UP PVC CONDUIT WITH 1/2" AND 1/4" GROUND WIRE UNDERGROUND WITH A MINIMUM DEPTH OF 30" FROM GRADE
11. INSTALL TYPE D 20 WATT LED LUMINAIRE HOOK-TO-TUNNEL CEILING



SCALE 1" = 40'  
GRAPHIC SCALE

CITY OF HESPERIA TRACT 10889 SILVERWOOD PHASE 1A RANCHERO ROAD & T AVENUE LIGHTING		SHEET 9 OF 16 E-9
CITY OF HESPERIA ENGINEERING DEPARTMENT RECOMMENDED FOR APPROVAL BY  DATE _____		APPROVED BY  DATE _____ PROJECT NUMBER: 10889-1A PROJECT NAME: SILVERWOOD PHASE 1A
PLANS PREPARED BY J. LOVE 277 W. FIRST AVE. #10 HESPERIA, CA 92543 PHONE (760) 833-0001		AUTHORIZED SIGNATURE DATE _____
REVISIONS NO. DATE DESCRIPTION 1 05/23/2023 DATE	DEIGNED BY H. LOVE DRAWN BY H. LOVE CHECKED BY J. LOVE SUBMITTED BY J. LOVE	CITY OF HESPERIA PROJECT NUMBER: 10889-1A PROJECT NAME: SILVERWOOD PHASE 1A



**CONSTRUCTION NOTES**

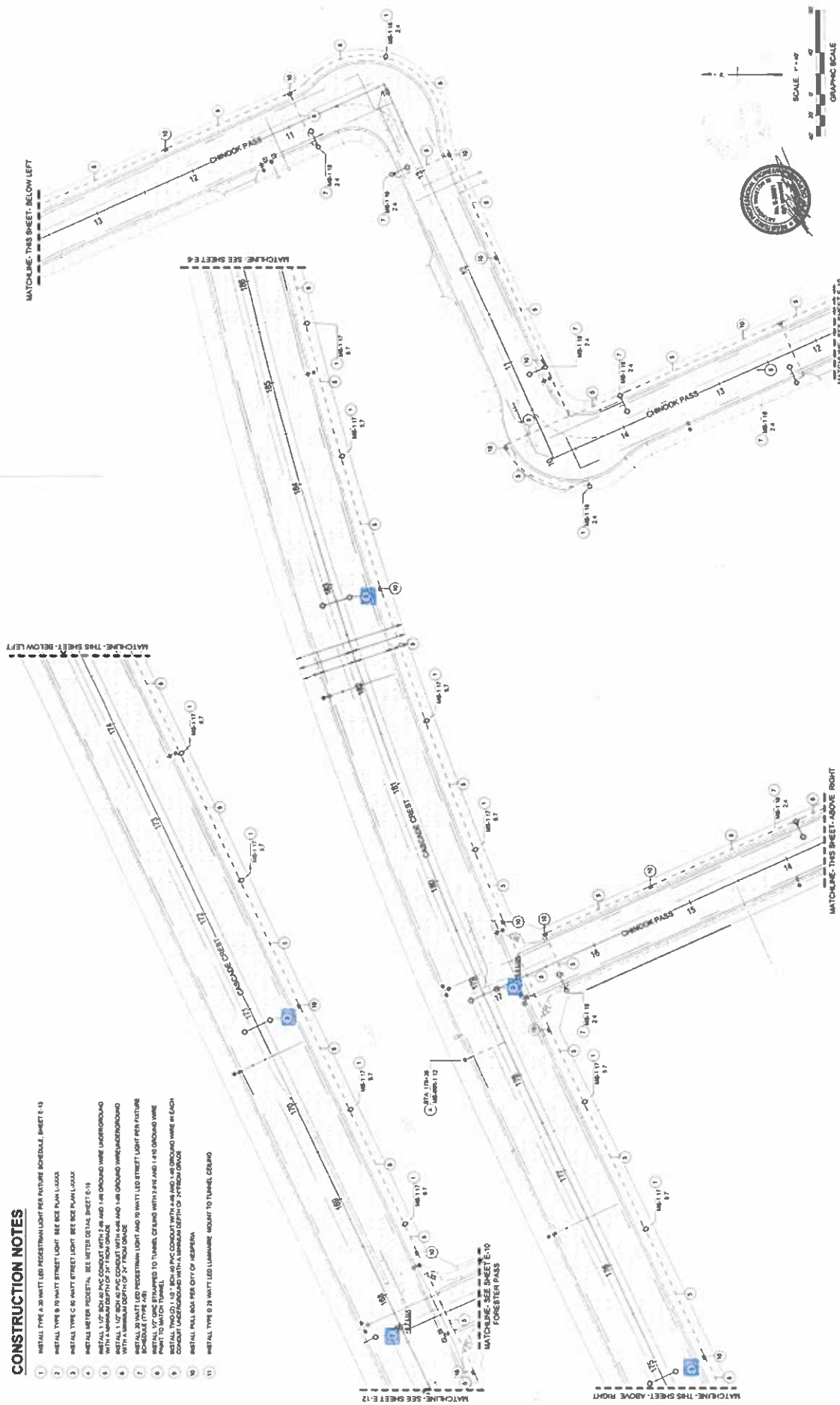
- 1 METAL TYPE A 30 WATT LED POSITION LIGHT PER FUTURE SCHEDULE SHEET E-12
- 2 METAL TYPE B 30 WATT STREET LIGHT SEE SEE PLAN L-300A
- 3 METAL TYPE C 30 WATT STREET LIGHT SEE SEE PLAN L-300B
- 4 METAL TYPE D 30 WATT LED LUMINAIRE MOUNT TO TUNNEL CEILING
- 5 METAL WITH SPHERICAL SEE METAL DETAIL SHEET E-11
- 6 METAL WITH SPHERICAL SEE METAL DETAIL SHEET E-11
- 7 METAL 1.5\"/>

MATCHLINE - SEE SHEET E-11 MATCHLINE - SEE SHEET E-12 MATCHLINE - SEE SHEET E-13 MATCHLINE - SEE SHEET E-14		<b>CITY OF HESPERIA</b> TRACT 1888 SILVERWOOD PHASE 1A RANCHERO ROAD & AVENUE LIGHTING	SHEET 10 OF 15 <b>E-10</b>
MATCHLINE - THIS SHEET ABOVE RIGHT MATCHLINE - THIS SHEET BELOW LEFT MATCHLINE - THIS SHEET ABOVE LEFT MATCHLINE - THIS SHEET BELOW RIGHT			
PLANS PREPARED BY HESPERIA ENGINEERING DEPARTMENT 877 W. 30TH ST. STE. A HESPERIA, CA 92541 PHONE (760) 833-0401		CITY OF HESPERIA ENGINEERING DEPARTMENT RECOMMENDED FOR APPROVAL BY DATE _____ AUTHORIZED SIGNATURE _____	APPROVED BY DATE 7/25/23 PROJECT NUMBER 2023-0005 CITY ENGINEER
DESIGNED BY H. LOVE DRAWN BY H. LOVE CHECKED BY J. LOVE SUBMITTED BY SCS-2023 DATE _____		REGISTERED PROFESSIONAL ENGINEER STATE OF OREGON NO. 12345 EXPIRES 12/31/2023	REVISIONS NO.   DESCRIPTION   DATE   BY



**CONSTRUCTION NOTES**

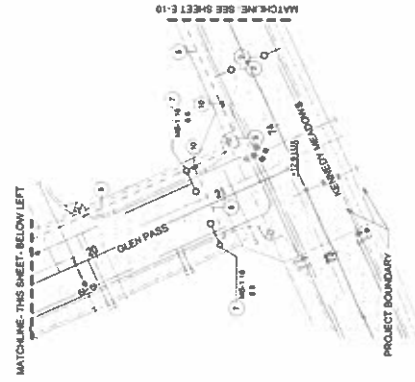
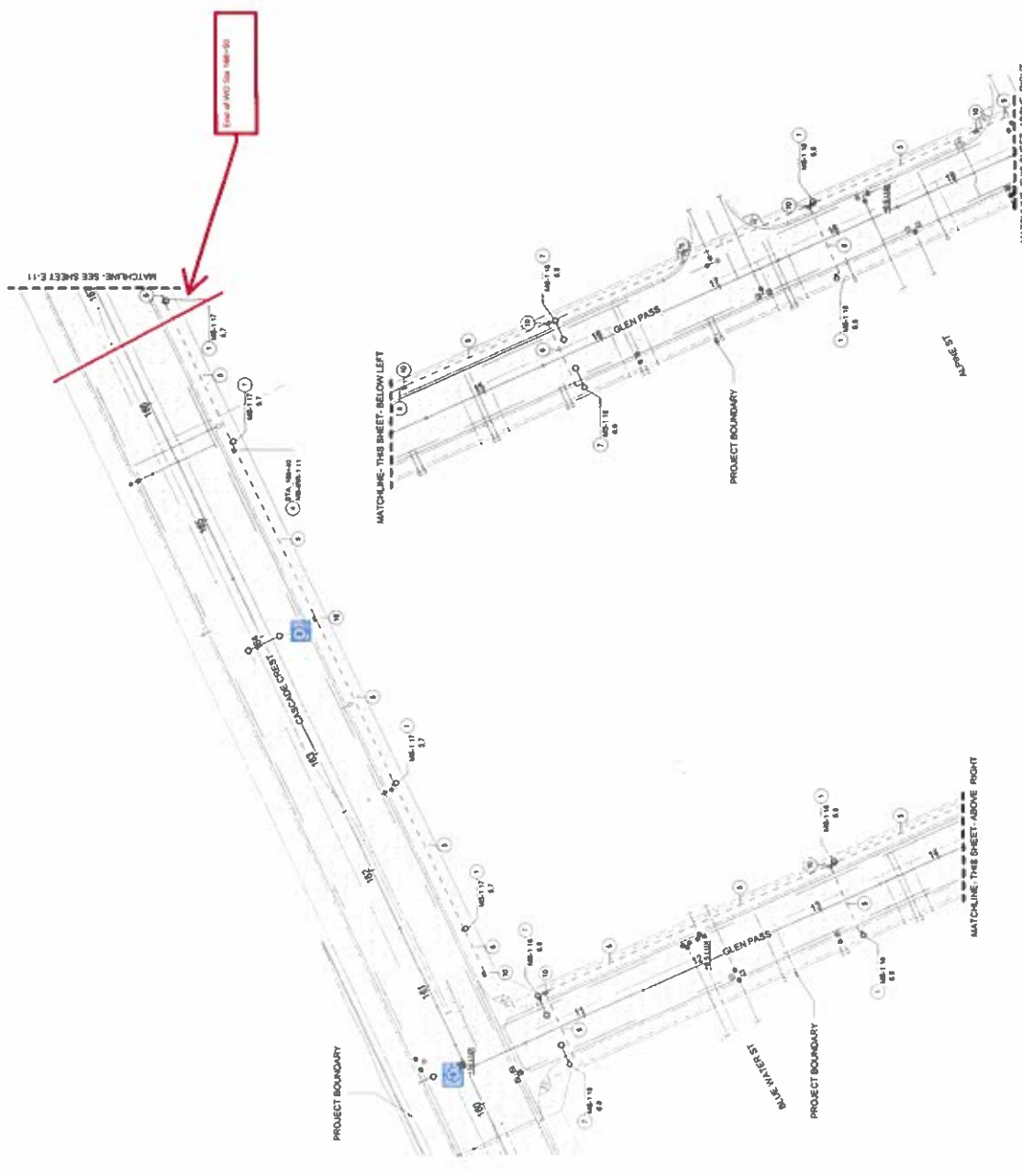
1. INSTALL TYPE A 30 WATT LED PEDIESTRIAN LIGHT PER FUTURE SCHEDULE, SHEET E-13
2. INSTALL TYPE B 120 WATT STREET LIGHT. SEE SIDE PLAN LOOK.
3. INSTALL TYPE C 80 WATT STREET LIGHT. SEE SIDE PLAN LOOK.
4. INSTALL METERS PEDIESTRIAN. SEE METERS DETAIL SHEET E-15
5. INSTALL 1.5" SCH 40 PVC CONDUIT WITH 2" AND 1.5" DRINKING WATER UNDERGROUND WITH A MINIMUM DEPTH OF 24" FROM GRADE
6. INSTALL 1.5" SCH 40 PVC CONDUIT WITH 4" AND 1.5" DRINKING WATER UNDERGROUND WITH A MINIMUM DEPTH OF 24" FROM GRADE
7. INSTALL 30 WATT LED PEDIESTRIAN LIGHT AND 120 WATT LED STREET LIGHT PER FUTURE SCHEDULE (TYPE A/B)
8. INSTALL 120 WATT LED PEDIESTRIAN LIGHT, CEILING, OR LUMINA. ADJUST TO TUNING, CEILING
9. INSTALL 120 WATT LED STREET LIGHT WITH 2" AND 1.5" DRINKING WATER CONDUIT UNDERGROUND WITH A MINIMUM DEPTH OF 24" FROM GRADE
10. INSTALL PULL BOX PER CITY OF HESPERIA
11. INSTALL TYPE D 20 WATT LED LUMINA. ADJUST TO TUNING, CEILING



<p><b>CITY OF HESPERIA</b> TRACT 1888 SILVERWOOD PHASE 1A RANCHERO ROAD &amp; T AVENUE</p>		<p><b>CITY OF HESPERIA</b> ENGINEERING DEPARTMENT RECOMMENDED FOR APPROVAL BY <i>[Signature]</i> MICHAEL P. TORINSON DATE: 8/28/2023</p>		<p>APPROVED BY <i>[Signature]</i> MICHAEL P. TORINSON DATE: 8/28/2023</p>		<p>SHEET 11 OF 16</p>	<p>LIGHTING E-11</p>
<p>PLANS PREPARED BY Hesperia Lighting Systems Design &amp; Procurement 677 W. JUDY ST., STE. A HESPERIA, CA 92543 PHONE (760) 833-0401</p>		<p><b>SILVERWOOD</b></p>		<p><b>CITY OF HESPERIA</b></p>		<p>REV DESCRIPTION DATE BY</p>	

**CONSTRUCTION NOTES**

- 1 INSTALL TYPE A 30 WATT LED PROESTRAN LIGHT PER FUTURE SCHEDULE SHEET E-13
- 2 INSTALL TYPE B 70 WATT STREET LIGHT SEE SIDE PLAN L-002
- 3 INSTALL TYPE C 90 WATT STREET LIGHT SEE SIDE PLAN L-003
- 4 INSTALL TYPE D 150 WATT STREET LIGHT SEE SIDE PLAN L-004
- 5 INSTALL LETTER PROESTRAN SEE LETTER DETAIL SHEET E-15
- 6 INSTALL 1/2" SCH 40 PVC CONDUIT WITH 1/4" AND 1/8" GROUND WIRE UNDERGROUND WITH A MINIMUM DEPTH OF 24" FROM GRADE
- 7 INSTALL 1/2" SCH 40 PVC CONDUIT WITH 1/4" AND 1/8" GROUND WIRE UNDERGROUND WITH A MINIMUM DEPTH OF 24" FROM GRADE
- 8 INSTALL 30 WATT LED PROESTRAN LIGHT AND 70 WATT LED STREET LIGHT PER FUTURE SCHEDULE TYPE A/B
- 9 INSTALL 70 WATT LED STREET LIGHT PER FUTURE SCHEDULE TYPE A/B
- 10 INSTALL TWO (2) 1/2" SCH 40 PVC CONDUIT WITH 1/4" AND 1/8" GROUND WIRE IN EACH CONDUIT UNDERGROUND WITH A MINIMUM DEPTH OF 24" FROM GRADE
- 11 INSTALL FUL CRIP PER CITY OF HESPERIA
- 12 INSTALL TYPE D 30 WATT LED USAMWARE LIGHT TO TUNNEL, SEE PLAN



**CITY OF HESPERIA**  
 TRACT 1688 SILVERWOOD PHASE 1A  
 RANCHERO ROAD & 7 AVENUE

PROJECT NUMBER: 1688-13  
 DATE: 05/18/13  
 AUTHORIZED SIGNATURE: [Signature]

APPROVED BY: [Signature]  
 PROJECT MANAGER: [Signature]  
 DATE: 05/18/13  
 AUTHORIZED SIGNATURE: [Signature]

SHEET 12 OF 16  
 E-12  
 LIGHTING

PLANS PREPARED BY: [Signature]  
 Hesperia Lighting Systems  
 Design + Procurement

877 W. 4TH ST. STE. A  
 HESPERIA, CA 92541  
 PHONE (760) 830-8811



DESIGNED BY: H. LOVE  
 DRAWN BY: H. LOVE  
 CHECKED BY: J. LOVE  
 SUBMITTED BY: [Signature]  
 DATE: 05/20/12

REV	DESCRIPTION	DATE	BY	REVISION / SUCCESOR

FIXTURE DETAIL: TYPE A (PEDESTRIAN)

ZIMMACH LIGHTING
Model WASHBURN
Type LED
Series ARCHITECTURAL

ZIMMACH LIGHTING
Model WASHBURN
Type LED
Series ARCHITECTURAL

Table with columns: FIXTURE, FOOT COUNCIL, ROW, SIDEWALK, DRIVEWAY, DRIVE, PARKING, STREET LIGHTS, LIGHT FIXTURES, ELECTRICAL, OTHER, COMMENTS.

Model Washburn 10 W
2.5' x 1.5' x 4.5'
4.00 W
5.00 H
10.00 D
10.00 L

FIXTURE DETAIL: TYPE B (SINGLE)

ZIMMACH LIGHTING
Model WASHBURN
Type LED
Series ARCHITECTURAL

Table with columns: FIXTURE, FOOT COUNCIL, ROW, SIDEWALK, DRIVEWAY, DRIVE, PARKING, STREET LIGHTS, LIGHT FIXTURES, ELECTRICAL, OTHER, COMMENTS.

Model Washburn 10 W
2.5' x 1.5' x 4.5'
4.00 W
5.00 H
10.00 D
10.00 L

FIXTURE DETAIL: TYPE C (TWIN)

ZIMMACH LIGHTING
Model WASHBURN
Type LED
Series ARCHITECTURAL

Table with columns: FIXTURE, FOOT COUNCIL, ROW, SIDEWALK, DRIVEWAY, DRIVE, PARKING, STREET LIGHTS, LIGHT FIXTURES, ELECTRICAL, OTHER, COMMENTS.

Model Washburn 10 W
2.5' x 1.5' x 4.5'
4.00 W
5.00 H
10.00 D
10.00 L

FIXTURE DETAIL: TYPE D

STORCO LIGHTING
Model WASHBURN
Type LED
Series ARCHITECTURAL

Table with columns: FIXTURE, FOOT COUNCIL, ROW, SIDEWALK, DRIVEWAY, DRIVE, PARKING, STREET LIGHTS, LIGHT FIXTURES, ELECTRICAL, OTHER, COMMENTS.

Model Washburn 10 W
2.5' x 1.5' x 4.5'
4.00 W
5.00 H
10.00 D
10.00 L

ORDERING INFORMATION

ZIMMACH LIGHTING
Model WASHBURN
Type LED
Series ARCHITECTURAL

Table with columns: FIXTURE, FOOT COUNCIL, ROW, SIDEWALK, DRIVEWAY, DRIVE, PARKING, STREET LIGHTS, LIGHT FIXTURES, ELECTRICAL, OTHER, COMMENTS.

Model Washburn 10 W
2.5' x 1.5' x 4.5'
4.00 W
5.00 H
10.00 D
10.00 L

ORDERING INFORMATION

ZIMMACH LIGHTING
Model WASHBURN
Type LED
Series ARCHITECTURAL

Table with columns: FIXTURE, FOOT COUNCIL, ROW, SIDEWALK, DRIVEWAY, DRIVE, PARKING, STREET LIGHTS, LIGHT FIXTURES, ELECTRICAL, OTHER, COMMENTS.

Model Washburn 10 W
2.5' x 1.5' x 4.5'
4.00 W
5.00 H
10.00 D
10.00 L

ORDERING INFORMATION

ZIMMACH LIGHTING
Model WASHBURN
Type LED
Series ARCHITECTURAL

Table with columns: FIXTURE, FOOT COUNCIL, ROW, SIDEWALK, DRIVEWAY, DRIVE, PARKING, STREET LIGHTS, LIGHT FIXTURES, ELECTRICAL, OTHER, COMMENTS.

Model Washburn 10 W
2.5' x 1.5' x 4.5'
4.00 W
5.00 H
10.00 D
10.00 L

ORDERING INFORMATION

STORCO LIGHTING
Model WASHBURN
Type LED
Series ARCHITECTURAL

Table with columns: FIXTURE, FOOT COUNCIL, ROW, SIDEWALK, DRIVEWAY, DRIVE, PARKING, STREET LIGHTS, LIGHT FIXTURES, ELECTRICAL, OTHER, COMMENTS.

Model Washburn 10 W
2.5' x 1.5' x 4.5'
4.00 W
5.00 H
10.00 D
10.00 L

LUMINAIRE SCHEDULE

Table with columns: CITY, MANUFACTURER, FIXTURE, LUMENS, CONNECTED LOAD, POLE, TYPE. Includes rows for various luminaire models like ZUMA, WASHBURN, and SQUIRY.

ALL SUBSTITUTIONS MUST BE APPROVED IN WRITING BY ENGINEER OF RECORD. LIGHT AMBIANCE IS TO BE MAINTAINED PRIOR TO ANY FIXTURE CHANGES. SEE NOTES ON ALL SHEETS. INITIAL PHOTO METRIC CALCULATIONS REQUIRED FOR EVALUATION OF SUBSTITUTIONS BY EOR.

VOLTAGE DROP TABLE

Table with columns: WIRE SIZE, DISTANCE, NUMBER OF FIXTURES, VOLTAGE DROP, PERCENT. Includes rows for various wire sizes like #14, #12, #10, #8, #6, #4, #2.

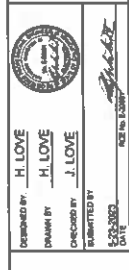
PHOTOMETRIC RESULTS TABLE

Table with columns: ROADWAY, CALCULATION SURFACE, AVERAGE. Includes rows for various roadway scenarios like 'ROADWAY - OLD STATION' and 'ROADWAY - VALDIZO TRAIL'.

PHOTOMETRIC RESULTS TABLE

Table with columns: ROADWAY, CALCULATION SURFACE, AVERAGE. Includes rows for various roadway scenarios like 'ROADWAY - VALDIZO TRAIL' and 'ROADWAY - WASHBURN BRIDGE'.

DESIGNED BY: H. LOVE
DRAWN BY: H. LOVE
CHECKED BY: J. LOVE
DATE: 10/20/2020



PLANS PROVIDED BY: Multiple Lighting Systems
877 W. 4TH ST. STE. A
PHOENIX, AZ 85001

RECOMMENDED FOR APPROVAL BY: [Signature]
DATE: [ ]

CITY OF HESPERIA ENGINEERING DEPARTMENT
TRACT 1888 SILVERWOOD PHASE 1A
RANGERO ROAD & Y AVENUE



<b>METER PANEL SCHEDULE: MS-1.1 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.2 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.3 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.4 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.5 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.6 (IRRIGATION)</b>
<b>METER PANEL SCHEDULE: MS-1.7 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.8 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.9 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.10 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.11 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.12 (IRRIGATION)</b>
<b>METER PANEL SCHEDULE: MS-1.13 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.14 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.15 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.16 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.17 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.18 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.19 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.20 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.21 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.22 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.23 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.24 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.25 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.26 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.27 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.28 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.29 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.30 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.31 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.32 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.33 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.34 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.35 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.36 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.37 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.38 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.39 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.40 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.41 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.42 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.43 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.44 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.45 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.46 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.47 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.48 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.49 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.50 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.51 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.52 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.53 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.54 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.55 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.56 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.57 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.58 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.59 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.60 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.61 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.62 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.63 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.64 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.65 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.66 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.67 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.68 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.69 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.70 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.71 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.72 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.73 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.74 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.75 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.76 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.77 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.78 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.79 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.80 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.81 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.82 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.83 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.84 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.85 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.86 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.87 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.88 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.89 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.90 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.91 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.92 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.93 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.94 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.95 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.96 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.97 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.98 (IRRIGATION)</b>				
<b>METER PANEL SCHEDULE: MS-1.99 (IRRIGATION)</b>	<b>METER PANEL SCHEDULE: MS-1.100 (IRRIGATION)</b>				

**CITY OF HESPERIA**  
TRACT 1888 SILVERWOOD PHASE 1A  
RANCHERO ROAD & T AVENUE

**CITY OF HESPERIA**  
ENGINEERING DEPARTMENT  
RECOMMENDED FOR APPROVAL BY  
*[Signature]*  
DATE: 7/10/13  
APPROVED BY  
*[Signature]*  
DATE: 7/10/13  
R.C.T. - CIVIL ENGINEER  
CITY ENGINEER

PLANS PREPARED BY  
Independent Lighting Systems  
Design + Procurement  
877 N. W. 41st St. A  
Miami, FL 33149  
PHONE (781) 832-0011



DESIGNED BY **H. LOVE**  
DRAWN BY **H. LOVE**  
CHECKED BY **J. LOVE**  
SUBMITTED BY  
DATE: 6/20/13

REV	DESCRIPTION	DATE	BY	ELEVATION	SUCCESS

**CITY OF HESPERIA**  
ENGINEERING DEPARTMENT  
RECOMMENDED FOR APPROVAL BY  
*[Signature]*  
DATE: 7/10/13  
APPROVED BY  
*[Signature]*  
DATE: 7/10/13  
R.C.T. - CIVIL ENGINEER  
CITY ENGINEER

METER PANEL SCHEDULE: MS-1.13 (IRRIGATION)

PANEL SCHEDULE: METER SCHEDULE (IRR.) 1.13

Table with columns: Circuit, Description, Amps, Volts, Phase, Breaker, Panel, Notes. Includes a summary table for Total Amps and Total Voltage.

METER PANEL SCHEDULE: MS-1.14 (IRRIGATION)

PANEL SCHEDULE: METER SCHEDULE (IRR.) MS-1.14

Table with columns: Circuit, Description, Amps, Volts, Phase, Breaker, Panel, Notes. Includes a summary table for Total Amps and Total Voltage.

METER PANEL SCHEDULE: MS-1.15 (IRRIGATION)

PANEL SCHEDULE: METER SCHEDULE (IRR.) 1.15

Table with columns: Circuit, Description, Amps, Volts, Phase, Breaker, Panel, Notes. Includes a summary table for Total Amps and Total Voltage.

METER PANEL SCHEDULE: MS-1.16 (LIGHTING)

PANEL SCHEDULE: METER SCHEDULE (LIGHTING) 1.16

Table with columns: Circuit, Description, Amps, Volts, Phase, Breaker, Panel, Notes. Includes a summary table for Total Amps and Total Voltage.

METER PANEL SCHEDULE: MS-1.17 (LIGHTING)

PANEL SCHEDULE: METER SCHEDULE (LIGHTING) 1.17

Table with columns: Circuit, Description, Amps, Volts, Phase, Breaker, Panel, Notes. Includes a summary table for Total Amps and Total Voltage.

METER PANEL SCHEDULE: MS-1.18 (LIGHTING)

PANEL SCHEDULE: METER SCHEDULE (LIGHTING) 1.18

Table with columns: Circuit, Description, Amps, Volts, Phase, Breaker, Panel, Notes. Includes a summary table for Total Amps and Total Voltage.

METER PANEL SCHEDULE: MS-1.19 (IRRIGATION)

PANEL SCHEDULE: METER SCHEDULE (IRR.) 1.19

Table with columns: Circuit, Description, Amps, Volts, Phase, Breaker, Panel, Notes. Includes a summary table for Total Amps and Total Voltage.

METER PANEL SCHEDULE: MS-1.20 (IRRIGATION)

PANEL SCHEDULE: METER SCHEDULE (IRR.) 1.20

Table with columns: Circuit, Description, Amps, Volts, Phase, Breaker, Panel, Notes. Includes a summary table for Total Amps and Total Voltage.

METER MATRIX

Table with columns: Meter Number, Street, Station/Node, Load, Part Number. Lists various meter and load details.

NOTE: 1.10 meters such include IP lighting controller with pre-installed sensor

METER DETAIL: LIGHTING (PART # CSP-B116-22K). Includes images of meter enclosures and technical specifications for Commercial Service Industrial Stambler Steel.

METER DETAIL: IRRIGATION (PART # MPE-A16-22K). Includes images of meter enclosures and technical specifications for Meter Enclosures Stambler Steel.

Form for City of Hesperia information: Name, Address, Phone, Elevation, etc.

Form for Designer: H. LOVE, Drafter: H. LOVE, Checker: J. LOVE.



Form for City of Hesperia Engineering Department approval.

Form for City of Hesperia approval: Approved by, Date, etc.

BASE DETAIL: TYPE A

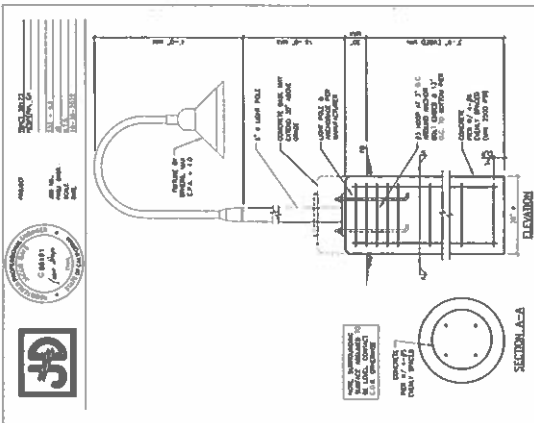
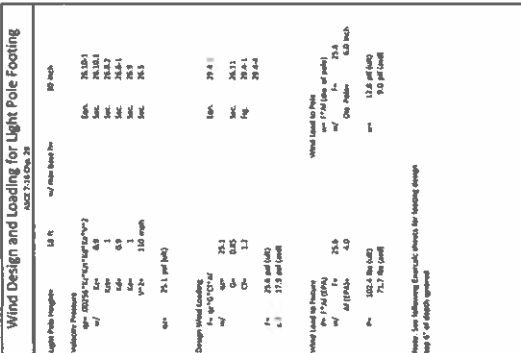
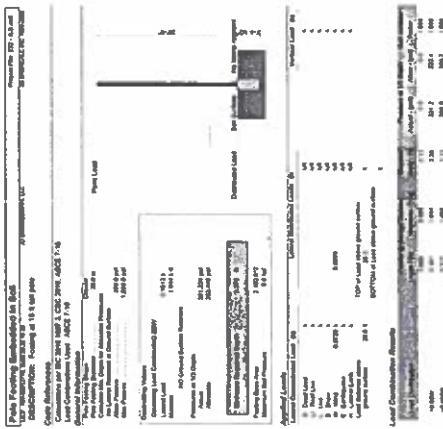


EXHIBIT #1 - LIGHT POLE FOOTING 1

- REBAR CAGE TO BE PROVIDED BY EC



1911 NORTH 6th STREET, TACOMA, WA 98409  
 253.858.7000 FAX: 253.858.7002 WWW.PANEL.COM



REV	DESCRIPTION	DATE	BY

DESIGNED BY: H. LOVE  
 DRAWN BY: H. LOVE  
 CHECKED BY: J. LOVE  
 SUBMITTED BY: J. LOVE  
 DATE: 10/2/07



PLANS PREPARED BY: H. LOVE  
 INTEREST ENGINEERING SYSTEMS  
 877 W 4TH ST STE A  
 TACOMA WA 98401  
 PHONE: (253) 858-0401

CITY OF HESPERIA  
 ENGINEERING DEPARTMENT  
 RECOMMENDED FOR APPROVAL BY: [Signature]  
 DATE: 7/10/08  
 APPROVED BY: [Signature]  
 DATE: 7/10/08  
 PREPARED BY: [Signature]  
 DATE: 7/10/08  
 CITY ENGINEER: [Signature]

CITY OF HESPERIA  
 TRACT 1888 SILVERWOOD PHASE 1A  
 RANCHOERO ROAD & AVENUE  
 BASE DETAIL  
 SHEET 14 OF 15  
 E-16