NORTH MAIN STREET AND LAMAR STREET PEDESTRIAN IMPROVEMENTS PROJECT NO. 9362 STATE PROJECT NO. HSIPL 5045(041) LECENID

ABBREVIATIONS:

ACCESSIBLE PEDESTRIAN SIGNAL FLUORESCENT YELLOW GREEN LOCATION

PEDESTRIAN

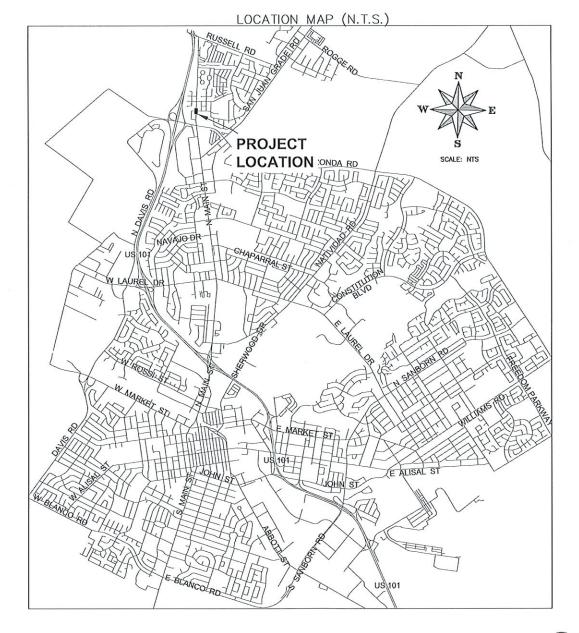
PHOTO-ELECTRIC CONTROL RECTANGULAR RAPID FLASHING BEACON

SIGNAL MAST ARM

NOT IN CONTRACT PEDESTRIAN BUTTON STATION

GENERAL NOTES:

- 1. THE WORK IN GENERAL SHALL INCLUDE FURNISHING OF ALL LABOR, MATERIALS, TOOLS, EQUIPMENT AND INCIDENTALS REQUIRED FOR CONSTRUCTION IN ACCORDANCE WITH THE PLANS AND ATTACHED SPECIFICATIONS. THE LIMITS OF WORK SHALL GENERALLY BE AT NORTH MAIN STREET AND LAWAR STREET. SCOPE OF WORK IS GENERALLY DESCRIBED AS THE INSTALLATION OF RAPID RECTANGULAR FLASHING BEACONS (RRFB), STRIPING AND SIGNS. IN GENERAL ALL WORK SHALL INCLUDE WHAT IS SHOWN ON THE PLANS, BUT IS NOT LIMITED TO.
- 2. EXCEPT AS OTHERWISE SPECIFIED, ALL WORK AND MATERIALS SHALL CONFORM TO AND BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE CITY OF SALINAS, STANDARD SPECIFICATIONS, DESIGN STANDARDS, STANDARD PLANS (LATEST), STORMWATER DEVELOPMENT STANDARDS, AND CITY DESPERMIT, IN CONJUNCTION WITH CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (LATEST EDITION), AND STATE STANDARD SPECIFICATIONS (2022 EDITION), STATE STANDARD PLANS (2022 EDITION). IN CASE OF CONFLICT BETWEEN SAID DOCUMENTS, THE MOST STRINGENT REQUIREMENT SHALL APPLY AS DETERMINED BY THE CITY ENGINEER.
- 3. THE EXISTING FACILITIES INDICATED ON THESE PLANS ARE DESIGNATED AS CLOSELY AS POSSIBLE TO THE EMISTING FACILITIES INICIALED ON THESE PLANS ARE DESIGNATED AS CLOSELT AS POSSIBLE TO REPRESENT EXISTING CONDITIONS. HOWEVER, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THE EXISTENCE AND LOCATION OF ALL UNDERGROUND AND OVERHEAD FACILITIES AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR TOTAL EXPENSE OF REPAIR OR REPLACEMENT OF ANY UNDERGROUND OR OVERHEAD FACILITIES DAMAGED BY HIS/HER OPERATIONS. THE CONTRACTOR SHALL CONTACT U.S.A. (UNDERGROUND SERVICE ALERT, TELEPHONE NUMBER 811) A MINIMUM OF 48 HOURS IN ADVANCE BEFORE PERFORMING ANY TRENCHING AND/OR EXCAVATION WORK.
- 4. ANY EXISTING RAISED PAVEMENT MARKERS, LEGEND, AND/OR STRIPING THAT IS DAMAGED AND/OR REMOVED DURING TRENCHING AND/OR EXCAVATION SHALL BE REPLACED BY THE CONTRACTOR PER THE PLANS AND SPECIFICATIONS. ALL REPLACED LEGENDS AND STRIPING SHALL BE THERMOPLASTIC AS SPECIFIED IN THE
- 5. IN THE EVENT OF ANY CONFLICT OF INFORMATION SHOWN ON THE PLANS, THESE SPECIFICATIONS, ANY CONFLICT BETWEEN THE PLAN AND THE INTENT FOR A CONSISTENT AND FUNCTIONAL FACILITY OR IN THE FIELD THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER IN WRITING, UPON WHICH TIME THE CITY ENGINEER SHALL RESOLVE THE CONFLICT BY THE ISSUANCE OF A WRITTEN CHANGE ORDER BY REVISING THE PLAN, SPECIFICATIONS AND/OR BOTH. THE CONTRACTOR SHALL BEAR FULL COST AND RESPONSIBILITY FOR WORK AFFECTED BY SUCH UNRESOLVED CONFLICTS AND PERFORMED BY THE CONTRACTOR PRIOR TO THE RESOLUTION
- 6. THE CONTRACTOR SHALL EXERCISE ALL NECESSARY CAUTION TO AVOID DAMAGE TO ANY EXISTING TREES, LANDSCAPING, UTILITIES AND/OR SURFACE IMPROVEMENTS WHICH ARE TO REMAIN IN PLACE, AND SHALL BEAR FULL RESPONSIBILITY FOR ANY DAMAGE THERETO.
- THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT FINISHED AREAS OF THE PROJECT ARE PROTECTED FROM ANY DAMAGE WHICH MAY RESULT FROM ADJACENT AREAS STILL UNDER CONSTRUCTION.
- 8. ALL WORK TO BE SCHEDULED AND COORDINATED BY THE CONTRACTOR WITH THE CONSTRUCTION ACTIVITIES OF THE UTILITY COMPANIES AND/OR ANY OTHER CONTRACTOR(S) WORKING IN THE AREA.
- 9. THE CONTRACTOR AGREES THAT THEY SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE THE CONTRACTOR AGREES THAT THEY SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS, INCLUDING THE SAFETY OF PERSONS AND PROPERTY, DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT AND THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE CITY AND THE CITY ENGINEER HARMLESS FROM ANY AND ALL LABBILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE CITY OR THE CITY FAIGURED.
- THE CONTRACTOR SHALL FURNISH AND INSTALL ALL-MATERIALS, EQUIPMENT, LABOR AND INCIDENTAL FOR THE PROJECT EXCEPT AS SHOWN N.I.C., OR CITY FURNISHED MATERIAL.
- 11. THE CONTRACTOR SHALL VERIFY WITH THE CITY ENGINEER THE PRECISE LOCATIONS OF ALL EQUIPMENT PRIOR TO INSTALLATION.
- 12. ALL QUANTITIES AS SHOWN ON THE PLANS ARE APPROXIMATE ONLY AND FOR THE CONTRACTOR'S INFORMATION ONLY. THE CITY OF SALINAS DOES NOT, EXPRESSLY OR BY IMPULCATION, AGREE THAT THE ACTUAL AMOUNT OF WORK SHALL CORRESPOND THEREWITH, PAYMENT SHALL BE MADE ONLY ON THE BASIS OF THE ACTUAL QUANTITIES OF WORK PERFORMED.
- 13. LANE WIDTHS SHALL BE MEASURED BETWEEN CENTERLINES OF EACH ADJACENT SINGLE OR DOUBLE STRIPED LANE OR TOP OF CURB AS APPROPRIATE
- 14. THE CONTRACTOR SHALL REMOVE ALL CONFLICTING TRAFFIC CONTROL SIGNS. ALL OTHER EXISTING SIGNS SHALL BE PROTECTED—IN—PLACE.



EXISTING	LEGEND	NEW
	RIGHT-OF-WAY LINE	
=======	EEEE CURB AND GUTTER	
r	SIDEWALK	
LX		
KT		
E	ELECTRICAL	
	GAS	
TEL	TELEPHONE	
— и —	WATER	
TV	CABLE	
	STORM DRAIN LINE	
ss	SANITARY SEWER LINE	
(2)	STRIPING STORM DRAIN MANHOLE	
(8)	SANITARY SEWER MANHOLE	
g ©	FIRE HYDRANT	
	CATCHBASIN	
-0-	ROADSIDE SIGN AND POST	ŀ
	ROADSIDE SIGN STRAP AND SADDLE	
-0-	OR EXISTING POST	ŀ
(W)	WATER METER	
<i>\$</i> —•	STREET LIGHT	
യ	JOINT POLE	
0	SPRINKLER HEAD	
\otimes	WATER VALVE	
M	GAS VALVE	
TS	TRAFFIC SIGNAL PULLBOX	TS
Œ	TEL MANHOLE	
\bowtie	TRAFFIC CONTROLLER	
	SERVICE PEDESTAL	
	MAST ARM MOUNTED SIGN	
8	TRAFFIC SIGNAL POLE	
	ELECTRICAL CONDUIT	
	SOLAR PANEL	
	RECTANGULAR RAPID FLASHING BEACON	雑
	YIELD LINE	1
_	PARALLEL LINES CROSSWALK	
111	TRIPLE FOUR CROSSWALK	

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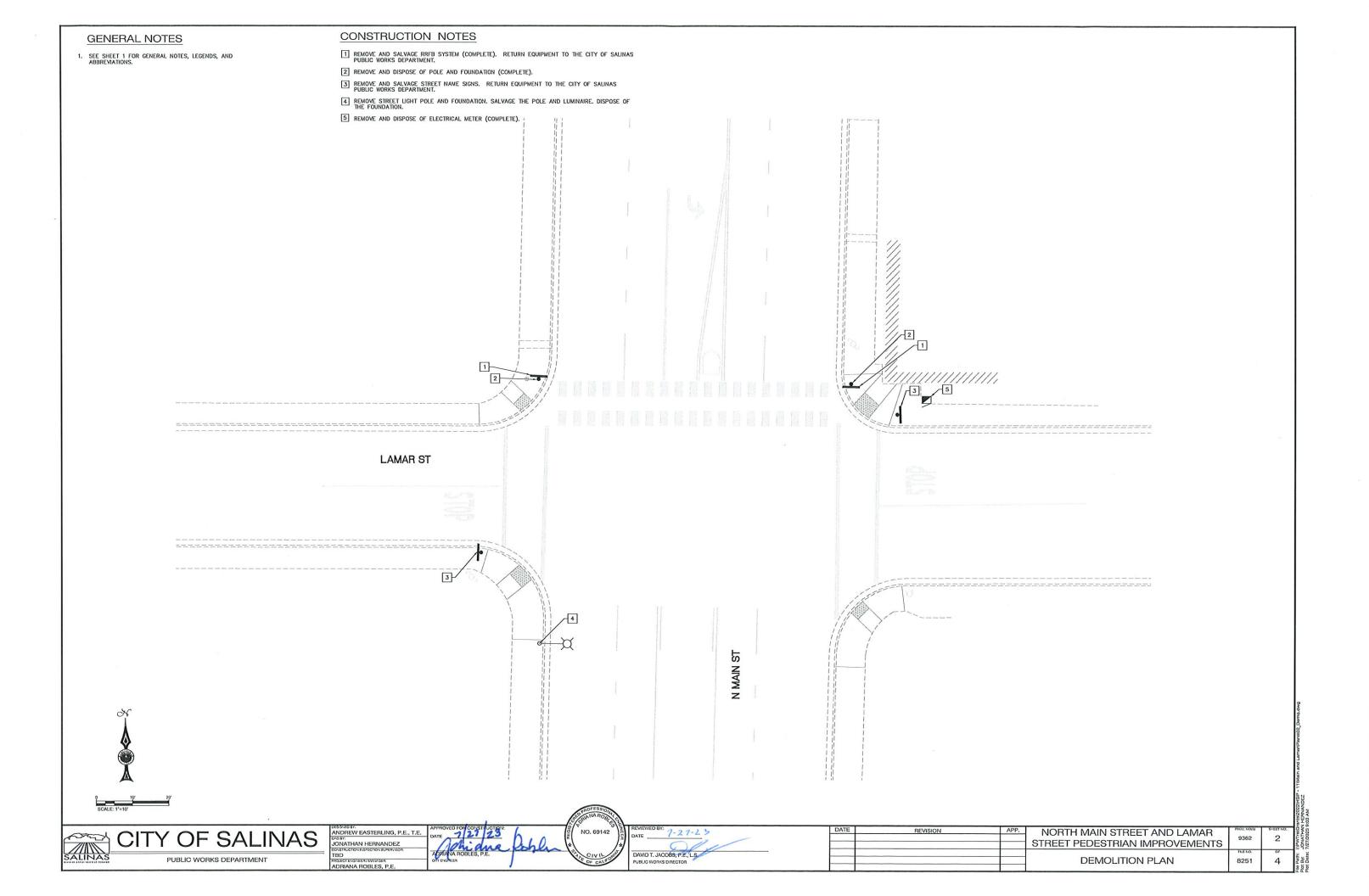


	CITY OF SALINAS
SALINAS	PUBLIC WORKS DEPARTMENT

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THE OF CALIFORNIA	DAVID T. JACOBS, P.E., LS PUBLIC WORKS DIRECTOR

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ELECTRICAL NOTES 1. SEE SHEET 1 FOR GENERAL NOTES, LEGENDS, AND ABBREMATIONS. 2. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL FOUIPMENT (LE. TRAFFIC SIGNAL POLES, MAST THE CONTRACTOR STALL FORMERS AND INSTALL ALL EXPINEMENT, ETC., EXCEPT WHEN NI.C. (NOT IN THE CONTRACT) IS SPECIFIED ON THE PLANS AND IN THE CONTRACT SPECIFICATIONS. THE CONTRACTOR SHALL INSTALL ALL MATERIALS, EQUIPMENT, LABOR, AND INCIDENTAL WORK FOR THE PROJECT. ALL RRFB SHALL BE CARMANAH SC315-G OR PRE-APPROVED EQUAL, AND INSTALLED PER MANUFACTURE'S SPECIFICATIONS. ALL RRFB SHALL COMMUNICATE WITH WIRELESS RADIO ON THE SAME CHANNEL. 4. RRFB SHALL BE PROGRAMMED WITH A 35 SECOND FLASHING DURATION. APS PUSH BUTTON ASSEMBLY SHALL BE NON-VIBRATING WITH R10-25 SIGN. APS AUDIBLE MESSAGE SHOULD SAY, "YELLOW LIGHTS ARE FLASHING." THE MESSAGE SHOULD BE SPOKEN TWICE. CONTRACTOR SHALL INSTALL TYPE V PHOTO-ELECTRIC CONTROL (PEC) FOR STREET LIGHTS ON TOP OF POLE C (LOCATION 1) AND ON TOP OF POLE B (LOCATION 2). 7. LOCATION OF ALL UNDERGROUND AND ABOVEGROUND UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS AND VERIFY ALL CONDITIONS ON THE JOB SITE. DIG FOUNDATIONS UNTIL CLEAR OF OBSTRUCTIONS, PHONE UNDERGROUND SERVICE ALERT AT 811. POT HOUNG REQUIRED FOR UTILITIES SHOWN OR NOT SHOWN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE INCLUDED IN THE CONTRACTOR BID PRICE. POT HOUNG FOR UTILITIES SHALL BE COMPLETED PRIOR TO ORDERING POLES. CONTRACTOR SHALL COORDINATE ALL PHASES OF CONSTRUCTION WITH AFFECTED AGENCIES AND UTILITY COMPANIES.

ALL NEW PULL BOXES SHALL BE NO. 5 UNLESS OTHERWISE SHOWN. PULL BOX COVERS SHALL BE MARKED "TRAFFIC SIGNAL".

LAMAR ST

POLES AND PUSH BUTTONS SHALL BE INSTALLED TO CURRENT ADA STANDARDS, CONTRACTOR SHALL VERIFY POLE LOCATION WITH CITY ENGINEER PRIOR TO INSTALLATION.

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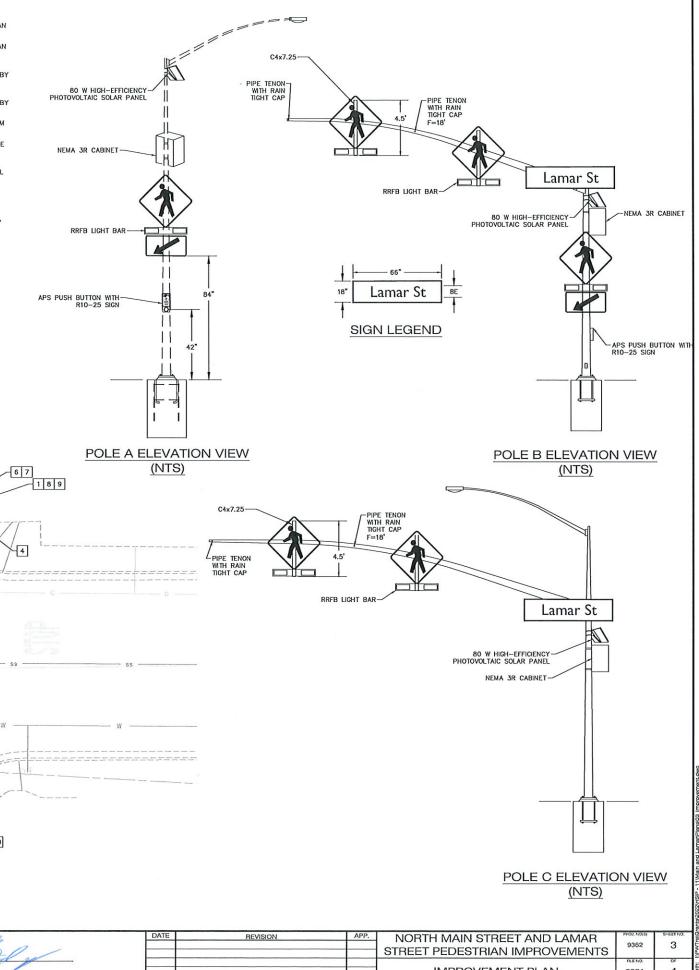
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CONSTRUCTION NOTES

- I FURNISH AND INSTALL POLE B, TYPE 27-4-100 AND 40' MAST ARM PER STATE STANDARD PLAN ES-7E COMPLETE WITH FOUNDATION.
- [2] FURNISH AND INSTALL POLE C, TYPE 26-4-100 AND 45' MAST ARM PER STATE STANDARD PLAN ES-7E COMPLETE WITH FOUNDATION.
- [3] FURNISH AND INSTALL SINGLE SIDE RRFB SYSTEM ON EXISTING STREET LIGHT (POLE A), PER MANUFACTURERS RECOMMENDATION. FURNISH AND INSTALL W11-2, AND W16-7P ON THE POLE BY STRAP AND SADDLE BRACKET METHOD.
- FURNISH AND INSTALL SINGLE SIDE RRFB SYSTEM ON NEW SIGNAL POLE (POLE B), PER MANUFACTURERS RECOMMENDATION. FURNISH AND INSTALL W11-2, AND W16-7P ON THE POLE BY STRAP AND SADDLE BRACKET METHOD.
- FURNISH AND INSTALL WI1-2 AND RRFB AND INSTALL ON THE MAST ARM CARMANAH MAST ARM BRACKET ASSEMBLY AND CABLE MOUNT (OR PRE-APPROVED EQUAL).
- 6 FURNISH AND INSTALL 80W HIGH-EFFICIENCY PHOTOVOLTAIC SOLAR PANEL AND INSTALL ON SIDE OF POLE PER MANUFACTURE'S SPECIFICATIONS. SOLAR PANEL SHALL BE INSTALLED FACING SOUTH OR AS DETERMINED BY THE CITY ENGINEER.
- [7] FURNISH AND INSTALL NEMA 3R CONTROLLER CABINET AND MOUNT ON THE SIDE OF THE SIGNAL POLE. CABINET SHALL BE FULLY WIRED, WITH 100 Ahr BATTERY, RRFB CONTROLLER AND APS CIRCUIT BOARD.
- (APS) AND (PBS) FURNISH AND INSTALL ACCESSIBLE PEDESTRIAN SIGNAL SYSTEM REFER TO SPECIAL PROVISIONS FOR INSTALLATION AND SPECIFICATIONS
- [9] STREET NAME SIGN (ALUMINUM)— FURNISH AND INSTALL RETRO—REFLECTIVE STREET NAME SIGN, ON SIGNAL POLE. SEE SIGN LEGEND ON THIS SHEET FOR SIGN SIZE AND LEGEND.
- 10 FURNISH AND INSTALL R1-5(L) (36"X36") ON NEW POST.
- 11 INSTALL WHITE YELD BAR THERMOPLASTIC PAVEMENT MARKINGS PER STATE Std PLAN A24E.



Z ANDREW EASTERLING, P.E., T.E 7/27/23 JONATHAN HERNANDEZ

CITY OF SALINAS PUBLIC WORKS DEPARTMENT

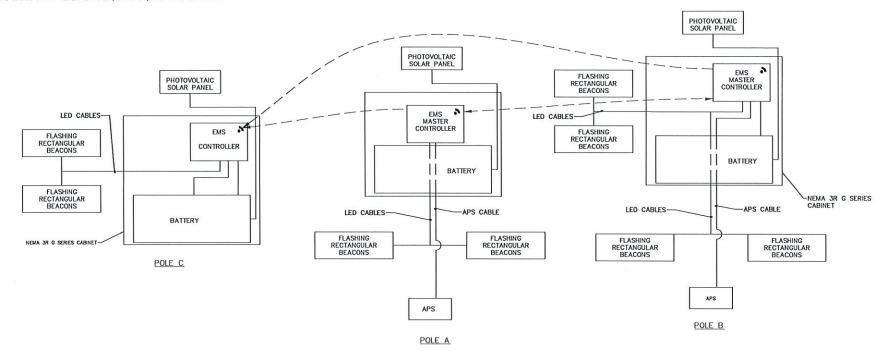
DAVID T. JACOBS, P.E., L.S.

NO. 69142

IMPROVEMENT PLAN 4 8251

ELECTRICAL NOTES

1. SEE SHEET 1 FOR GENERAL NOTES, LEGENDS, AND ABBREMATIONS.



WIRING BLOCK DIAGRAM N.T.S.

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SALINAS	PUBLIC WORKS DEPARTMENT	1

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ADRIANA ROBLES, P.E.



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