

STREET IMPROVEMENT NOTES

- ALL WORK SHALL CONFORM TO THE "STANDARD PLANS AND SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" (GREENBOOK), LATEST EDITION, INCLUDING SUPPLEMENTS, AND TO THE CITY OF LAGUNA BEACH PUBLIC WORKS DEPARTMENT'S STANDARD CONSTRUCTION DRAWINGS.
- THE CONTRACTOR SHALL IMPLEMENT ALL CITY, COUNTY, STATE AND FEDERAL JOB SITE SAFETY REQUIREMENTS AS THEY RELATE TO DUST CONTROL, EQUIPMENT MOVEMENT, NOISE, HOURS OF WORK AND CONSTRUCTION HAZARDOUS MATERIALS AND SHALL MINIMIZE ANY INCONVENIENCE TO THE PUBLIC.
- THE CONTRACTOR SHALL NOT CONDUCT ANY NOISY OPERATIONS NOR PERFORM ANY NOISY WORK PERTAINING TO THE PROJECT BETWEEN THE HOURS OF 6:00 P.M. AND 6:00 A.M. ON ANY DAY NOR ON SATURDAY, SUNDAY OR ANY HOLIDAY AT ANY TIME WITHOUT PRIOR APPROVAL, IN WRITING, OF THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF CLEANING AND HAULING ANY HAZARDOUS AND DETRIMENTAL MATERIAL, DISCOVERED DURING AND AFTER THE WORK, FROM THE SITE.
- THESE NOTES SHALL TAKE PRECEDENCE OVER THE INFORMATION APPEARING ON THE PLANS.
- ALL WORK PROPOSED IN THE STATE RIGHT OF WAY REQUIRES A SEPARATE ENCROACHMENT PERMIT FROM CALTRANS.
- CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UNDERGROUND UTILITY LINES OR STRUCTURES WHETHER SHOWN OR NOT SHOWN ON THIS PLAN, AND SHALL BE RESPONSIBLE FOR PROTECTING THEM FROM DAMAGE. THE CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT (USA) A MINIMUM OF TWO WORKING DAYS BEFORE DIGGING. THE USA NUMBER SHALL BE PROVIDED TO THE CITY ENGINEER.
- NO WORK MAY BEGIN WITHOUT AN APPROVED TRAFFIC CONTROL PLAN: ONCE BEGUN, THE CONTRACTOR SHALL ENDEAVOR TO COMPLETE WORK IN THE STREET AND/OR PUBLIC RIGHT OF WAY WITHOUT DELAY SO AS TO PROVIDE MINIMUM INCONVENIENCE TO ADJACENT PROPERTY OWNERS AND TO THE TRAVELING PUBLIC.
- ANY CONTRACTOR WORKING WITHIN THE PUBLIC RIGHT OF WAY IS SUBJECT TO THE LICENSING AND INSURANCE REQUIREMENTS OF THE CITY.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY AND PROPER PRECAUTIONS TO PROTECT ADJACENT PROPERTIES FROM ANY AND ALL DAMAGE THAT MAY OCCUR FROM STORM WATER RUNOFF AND/OR ANY DEPOSIT OF WATER RUNOFF AND/OR DEBRIS RESULTING FROM ANY AND ALL WORK IN CONNECTION WITH CONSTRUCTION.
- TREES, FOLIAGE, SIGNS, AND OTHER IMPROVEMENTS SHALL BE PROTECTED IN PLACE AND ANY DAMAGE TO EXISTING IMPROVEMENTS SHALL BE REPAIRED OR REPLACED IN KIND TO THE SATISFACTION OF THE ENGINEER.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL SUBSTRUCTURES WITHIN THE ALIGNMENT OF THE PROPOSED IMPROVEMENTS, AND IN THE EVENT OF SUBSTRUCTURE DAMAGE, THE CONTRACTOR SHALL BEAR THE TOTAL COST OF REPAIR OR REPLACEMENT.
- ALL EXCAVATED MATERIALS SHALL BECOME THE CONTRACTOR'S PROPERTY AND SHALL BE REMOVED FROM THE JOB SITE UNLESS INSTRUCTED BY THE ENGINEER, IN WRITING, TO DO OTHERWISE.
- NO TRENCHES, REGARDLESS OF DEPTH OR WIDTH MAY BE LEFT OPEN OVERNIGHT UNLESS PRIOR APPROVAL IS SECURED, IN WRITING, FROM THE ENGINEER.
- TRENCHES DEEPER THAN 5'-0" WILL REQUIRE A CAL-OSHA PERMIT. A COPY OF THE PERMIT SHALL BE PROVIDED TO THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE DURING ALL PHASES OF THE WORK TO PROVIDE FOR PUBLIC SAFETY AND CONVENIENCE. THE CONTRACTOR SHALL ESTABLISH ADEQUATE ACCESS TO DRIVEWAYS AT THE END OF EACH WORKING DAY TO THE SATISFACTION OF THE ENGINEER.
- THE CONTRACTOR SHALL PROVIDE A 72-HOUR NOTIFICATION TO THE AFFECTED PROPERTIES, THE POLICE DEPARTMENT, AND THE FIRE DEPARTMENT IN THE EVENT OF A CHANGE IN STREET CLOSURE TO TRAFFIC AND/OR PUBLIC SAFETY VEHICLES, PARKING RESTRICTIONS, AND ON EACH MONDAY MORNING DURING THE CONSTRUCTION PERIOD.
- ALL INSPECTION REQUESTS FOR WORK PERFORMED IN THE PUBLIC RIGHT OF WAY SHALL BE DIRECTED TO THE PUBLIC WORKS DEPARTMENT, AND SHALL BE MADE BY THE CONTRACTOR A MINIMUM OF FORTY-EIGHT (48) HOURS BEFORE THE SERVICES THEREOF WILL BE REQUIRED.
- FOR NEW STREET CONSTRUCTION, RECONSTRUCTION OR REHABILITATION OF AN EXISTING STREET, AND/OR MATCH UP ASPHALT CONCRETE (AC) PAVEMENT, MATERIAL SHALL MEET THE MINIMUM REQUIREMENTS OF PG 64-10 ASPHALT PAVEMENT; ALL BASE USED UNDER ASPHALT OR CONCRETE IMPROVEMENTS SHALL BE CLASS II BASE.
- ALL PORTLAND CEMENT CONCRETE (PCC) AND ASPHALT CONCRETE (AC) SHALL BE REMOVED TO A NEAT CLEAN EDGE.
- ALL TRAFFIC CONTROL DEVICES, SIGNS, MARKINGS OR TEMPORARY STRIPING MARKERS SHALL BE IN PLACE PRIOR TO PAVING. STREET STRIPING SHALL BE COMPLETED PRIOR TO STREET OPENING.

CITY OF LAGUNA BEACH PUBLIC WORKS DEPARTMENT WOODS COVE STREET LIGHT-AD 2014-2

STREET IMPROVEMENT NOTES (CONTINUED)

- THE CONTRACTOR SHALL FURNISH AND OPERATE A SELF-LOADING MOTOR SWEEPER WITH SPRAY NOZZLES DAILY AS NECESSARY TO KEEP PAVED AREAS CLEAN WHEREVER CONSTRUCTION, INCLUDING RESTORATION, IS COMPLETE, OR AS REQUIRED BY THE ENGINEER.

WATER QUALITY NOTES

- CONSTRUCTION-RELATED MATERIALS, WASTES, SPILLS, OR RESIDUES SHALL BE RETAINED ON SITE TO MINIMIZE TRANSPORT FROM THE SITE TO STREETS, DRAINAGE FACILITIES, OR ADJOINING PROPERTY BY WIND OR RUNOFF.
- RUNOFF FROM EQUIPMENT AND VEHICLE WASHING SHALL BE CONTAINED AT CONSTRUCTION SITE UNLESS TREATED TO REMOVE SEDIMENT AND OTHER POLLUTANTS.
- ALL CONTRACTOR AND SUBCONTRACTOR PERSONNEL ARE TO BE MADE AWARE OF THE REQUIRED BEST MANAGEMENT PRACTICES AND GOOD HOUSEKEEPING MEASURES FOR THE PROJECT SITE AND ANY ASSOCIATED CONSTRUCTION STAGING AREAS.
- AT THE END OF EACH DAY OF CONSTRUCTION ACTIVITY ALL CONSTRUCTION DEBRIS AND WASTE MATERIALS SHALL BE COLLECTED AND PROPERLY DISPOSED IN TRASH OR RECYCLE BINS.
- CONSTRUCTION SITES SHALL BE MAINTAINED IN SUCH A CONDITION THAT AN ANTICIPATED STORM DOES NOT CARRY WASTES OR POLLUTANTS OFF THE SITE. DISCHARGES OF MATERIAL OTHER THAN STORM-WATER ARE ALLOWED ONLY WHEN NECESSARY FOR PERFORMANCE AND COMPLETION OF CONSTRUCTION PRACTICES AND WHERE THEY DO NOT CAUSE OR CONTRIBUTE TO VIOLATION OF ANY WATER QUALITY STANDARDS; CAUSE OR THREATEN TO CAUSE POLLUTION, CONTAMINATION OR NUISANCE; OR CONTAIN A HAZARDOUS SUBSTANCE IN A QUANTITY REPORTABLE UNDER FEDERAL REGULATIONS 40 CFR PARTS 117 AND 302.
- POTENTIAL POLLUTANTS INCLUDE BUT ARE NOT LIMITED TO: SEDIMENTS, CEMENT PRODUCTS, SOLID OR LIQUID CHEMICAL SPILLS; WASTES FROM PAINTS, STAINS, SEALANTS, GLUES, LIME, PESTICIDES, HERBICIDES, WOOD PRESERVATIVES, AND SOLVENTS, ASBESTOS FIBERS, PAINT FLAKES OR STUCCO FRAGMENTS; FUELS, OILS LUBRICANTS, AND HYDRAULIC, RADIATOR OR BATTERY FLUIDS, CONCRETE, DETERGENT OR FLOATABLE WASTES; WASTES FROM ANY ENGINE/EQUIPMENT STEAM CLEANING OR CHEMICAL DEGREASING; AND SUPER-CHLORINATED POTABLE WATER LINE FLUSHINGS.

NOTICE TO CONTRACTOR

CAUTION: THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO, OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING, AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY FACILITIES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. THE LOCATIONS SHOWN ARE APPROXIMATE AND SHALL BE CONFIRMED IN THE FIELD BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ANY NECESSARY ADJUSTMENTS TO ALIGNMENT AND/OR GRADE OF THE PROPOSED IMPROVEMENTS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PREVENT DAMAGE TO ANY UTILITY FACILITIES SHOWN AND ANY OTHER FACILITIES NOT SHOWN ON THESE PLANS.

ALL CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK SHOWN ON THESE PLANS AGREE THAT, IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THEY WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT. THIS INCLUDES PROVIDING FOR THE SAFETY OF ALL PERSONS AND PROPERTY AND SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTORS AND SUBCONTRACTORS FURTHER AGREE TO DEFEND, INDEMNIFY AND HOLD HARMLESS THE DESIGN PROFESSIONAL FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.

DECLARATION OF RESPONSIBLE CHARGE

I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODE, AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

I UNDERSTAND THAT THE CHECK OF PLANS AND SPECIFICATIONS BY THE CITY OF LAGUNA BEACH IS CONFINED TO REVIEW ONLY, AND DOES NOT RELIEVE ME AS ENGINEER OF WORK OF MY RESPONSIBILITIES FOR THE PROJECT.



LOCATION MAP

UTILITY NOTE/PURVEYORS

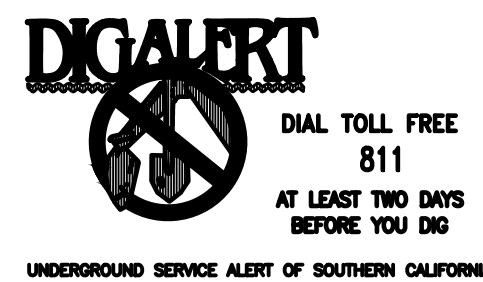
CONTRACTORS SHALL NOTIFY ALL UTILITY AGENCIES CONCERNED A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION, INCLUDING BUT NOT LIMITED TO:

UNDERGROUND SERVICE ALERT (USA)	811
SEWER: CITY OF LAGUNA BEACH WATER QUALITY HANNAH JOHNSON	(949) 497-0615
ELECTRICAL: SOUTHERN CALIFORNIA EDISON STEVE HOFFMAN	(949) 458-4452
TELEPHONE: FRONTIER MIKE MADRID	(714) 375-6720
GAS: SOUTHERN CALIFORNIA GAS ANDREW ALDAY	(714) 385-3377
CABLE: COX CABLE COMPANY DEBBI BORROEL	(949) 929-5570
WATER: LAGUNA BEACH COUNTY WATER DISTRICT JOHN LANGILL	(949) 464-3111

CONSTRUCTION NOTES		QTY
①	INSTALL NON-REMOVABLE BOLLARD PROTECTION AT THIS LOCATION PER DETAIL 2, SHEET 5.	8 EA
②	FURNISH AND INSTALL NEW MEUG16 (CALTRANS TYPE III-BF) METER PEDESTAL PER CALTRANS STD. DWG. ES-2E ON SHEET 3.	4 EA
③	FURNISH AND INSTALL STREET LIGHT POLES WITH THE FOLLOWING. CONSTRUCT STREET LIGHT POLE FOUNDATION PER DETAIL 4, SHEET 5. POLE LOCATIONS MARKED AND APPROVED BY THE CITY, PRIOR TO INSTALLATION:	--
	POLE - VALMONT FL210 IN SCL 16 WITH 8FT VALMONT ALHAMBRA ALUMINUM ARMS PER SHEET 4	24 EA
	LUMINAIRE - KING K728 AURORA JR. LED PER SHEET 4	24 EA
④	2" C - 2#10, 1#10G, PER CIRCUIT, PER DETAIL 5, SHEET 5	--
	CONSTRUCT 2" SCH 80 PVC CITY STREET LIGHT CONDUIT IN CITY AND SOUTHERN CALIFORNIA EDISON (SCE) JOINT TRENCH PER DETAIL 5, SHEET 5	8250 LF
	PROVIDE #10 AWG, THWN OR XHHW COPPER CONDUCTOR	32100 LF
⑤	FURNISH AND INSTALL NO. 5 PULLBOX (CHRISTY CONCRETE PRODUCT, MODEL NUMBERS FL30 AND FL30D) PER DETAIL 3, SHEET 5	--
⑥	CONSTRUCT 2" SCH 80 PVC SPARE CONDUIT IN SCE JOINT TRENCH PER DETAIL 5, SHEET 5	8250 LF
⑦	INSTALL NEW STREET LIGHT 3 FT. FROM EXISTING PCC CURB. INSTALL BOLLARDS AS INDICATED ON PLANS	2 EA
⑧	PROVIDE #6 GND. COPPER	24 EA
⑨	PROVIDE 3/4"x10FT COPPER-CLAD STEEL GROUND ROD.	24 EA
⑩	PROVIDE 20' POLE FOR THE INTERSECTION OF CATALINA AND PEARL ST AS INDICATED ON SHEET 4.	1 EA
DISPOSITION NOTES		QTY
1	AC CURB BY OTHERS	--
2	MAINTAIN MINIMAL RADIAL CLEARANCE OF 3-FT FROM EXISTING FIRE HYDRANT	--
3	NEW AC CURB IS NOT REQUIRED	--
4	EXISTING AC CURB	--
5	KEEP EXISTING BOLLARDS AND REPAINT	--
6	CONDUIT ROUTING IS SHOWN AS DIAGRAMMATIC AND FOR REFERENCE ONLY. CONTRACTOR TO PROVIDE ADDITIONAL PULL BOXES AND HANDHOLES AS NEEDED TO NOT EXCEED NEC PULLING REQUIREMENTS.	--

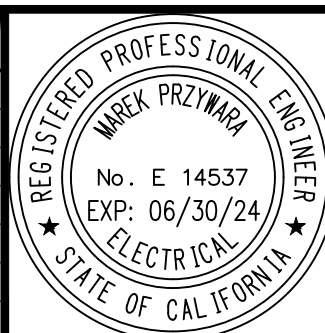
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REVISIONS

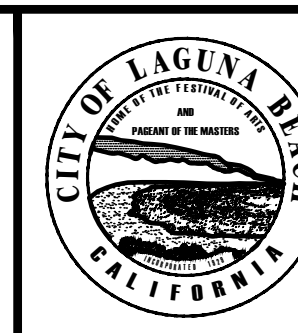
NO.	DATE	DESCRIPTION	APP'D	DATE



PREPARED BY:
Mark Trestik 14537 11/10/2022
FIRST LAST, LICENSE DATE

REVIEWED FOR D.R.B. CONFORMANCE BY:
PIERRE SAWAYA, PROJECT MANAGER DATE
RECOMMENDED BY: CAPITAL PROGRAM MANAGER
THOMAS PEREZ, P.E. DATE

APPROVED BY:
MARK A. TRESTIK, P.E., RCE 53708 DATE
CITY ENGINEER

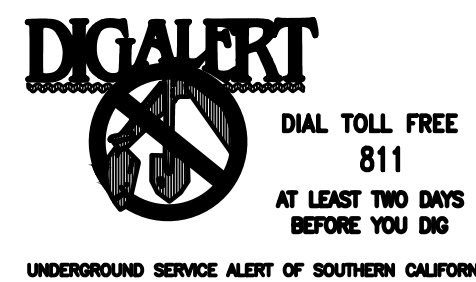


CITY OF LAGUNA BEACH
PUBLIC WORKS DEPARTMENT
WOODS COVE STREET LIGHT-AD2014-2
TITLE SHEET

SHEET
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AD 2014-2

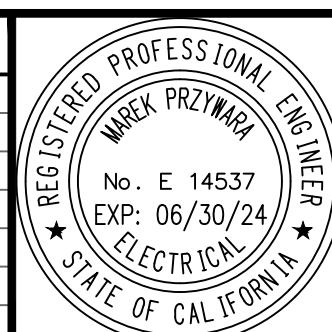
AD 2014-2 WOODS COVE STREET LIGHT

ELECTRICAL ABBREVIATIONS			ELECTRICAL SYMBOLS																													
A	AMPERES	LTS	LIGHTING, LIGHT	<table border="1"> <tr> <td></td> <td>FUSE</td> <td></td> <td>DETAIL NUMBER SHEET DETAIL IS DRAWN ON } DETAIL CALLOUT</td> </tr> <tr> <td></td> <td>TRANSFORMER OR TRANSFORMER BANK.</td> <td>—</td> <td>CONDUIT RUN IN WALL OR CEILING</td> </tr> <tr> <td></td> <td>GROUND ROD 3/4"X10'</td> <td>---</td> <td>CONDUIT RUN UNDERGROUND</td> </tr> <tr> <td></td> <td>FIXTURE TYPE } LIGHTING FIXTURE CALLOUT FIXTURE VOLT-AMPS</td> <td>—</td> <td>CONDUIT RUN STUBBED AND CAPPED</td> </tr> <tr> <td></td> <td>DUPLEX RECEPTACLE-WALL MOUNTED +12" U.O.N.</td> <td>—○</td> <td>CONDUIT RISE</td> </tr> <tr> <td></td> <td>CONDUIT NUMBER</td> <td>—●</td> <td>CONDUIT DROP</td> </tr> <tr> <td></td> <td>DUPLEX RECEPTACLE - WALL MOUNTED +12" U.O.N. (SURGE SUPPRESSION TYPE).</td> <td>—</td> <td>FLEXIBLE CONDUIT CONNECTION</td> </tr> </table>		FUSE		DETAIL NUMBER SHEET DETAIL IS DRAWN ON } DETAIL CALLOUT		TRANSFORMER OR TRANSFORMER BANK.	—	CONDUIT RUN IN WALL OR CEILING		GROUND ROD 3/4"X10'	---	CONDUIT RUN UNDERGROUND		FIXTURE TYPE } LIGHTING FIXTURE CALLOUT FIXTURE VOLT-AMPS	—	CONDUIT RUN STUBBED AND CAPPED		DUPLEX RECEPTACLE-WALL MOUNTED +12" U.O.N.	—○	CONDUIT RISE		CONDUIT NUMBER	—●	CONDUIT DROP		DUPLEX RECEPTACLE - WALL MOUNTED +12" U.O.N. (SURGE SUPPRESSION TYPE).	—	FLEXIBLE CONDUIT CONNECTION
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AIC	AMPS INTERRUPTING CAPACITY	M	METER																													
AFF	ABOVE FINISH FLOOR	MTG	MOUNTING																													
BC	BARE COPPER	NIC	NOT IN CONTRACT																													
BRKR	BREAKER	NO	NUMBER DESIGNATION																													
CB	CIRCUIT BREAKER	NTS	NOT TO SCALE																													
CKT	CIRCUIT	P	POLE																													
COND	CONDUCTOR	PNL	PANEL																													
C	CONDUIT, CENTIGRADE	PVC	POLYVINYL CHLORIDE																													
CO	CONDUIT ONLY	SEC	SECONDARY, SECOND																													
CU	COPPER	SHT	SHEET																													
DET	DETAIL	SPECS	SPECIFICATIONS																													
DWG	DRAWING	SS	STAINLESS STEEL																													
ELEV	ELEVATION	STD	STANDARD																													
GND	GROUND	TEL	TELEPHONE																													
GFI	GROUND FAULT INTERRUPTER	XFMR	TRANSFORMER																													
JB	JUNCTION BOX	TYP	TYPICAL																													
KVA	KILOVOLT-AMPERES	UG	UNDERGROUND																													
KV	KILOVOLT	V	VOLT																													
KW	KILOWATT	W	WATTS, WIRE, WIDTH																													
LCL	LONG CONTINUOUS LOAD	WP	WEATHERPROOF																													
GENERAL ELECTRICAL NOTES																																
<ol style="list-style-type: none"> ALL WIRING DESIGN IS BASED ON 75 DEGREE C CONDITIONS FOR COPPER CONDUCTORS OF TYPE THWN OR XHHW UNLESS OTHERWISE STATED. ELECTRICAL CONTRACTOR TO SIZE ALL WIRING NOT EXPLICITLY SHOWN ON DRAWINGS ACCORDING TO THE REQUIREMENTS OF NATIONAL ELECTRICAL CODE (NEC) FOR THE SPECIFIC APPLICATION AND CONDITIONS. ALL CONDUCTORS SHALL BE COPPER (MINIMUM SIZE #10 AWG UNLESS SPECIFICALLY NOTED OTHERWISE). ALL INDICATIONS OF NUMBER OF CONDUCTORS EXCLUDE GREEN WIRE GROUND CONDUCTOR WHICH MUST BE PROVIDED. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO CONFORM TO ALL LOCAL CODES AND ORDINANCES, THE STATE OF CALIFORNIA ELECTRICAL SAFETY ORDERS, THE NATIONAL ELECTRICAL CODE AND ANY ADDITIONAL JURISDICTION RELATING TO THE WORK. THE ELECTRICAL CONTRACTOR SHALL PROVIDE SEISMIC ANCHORAGE FOR ALL ELECTRICAL EQUIPMENT IN ACCORDANCE WITH CBC SECTION 1630.2. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL POLES, FIXTURES, CONDUIT, WIRE, AND PULLBOXES REQUIRED FOR A COMPLETE AND OPERATIONAL ELECTRICAL SYSTEM. IN THE EVENT OF A CONFLICT OR INCONSISTENCY BETWEEN ITEMS INDICATED ON THE PLANS OR WITH CODE REQUIREMENTS, THE NOTE, SPECIFICATION OR CODE WHICH PRESCRIBES AND ESTABLISHES THE MORE COMPLETE JOB OR HIGHER STANDARD SHALL PREVAIL. ALL ELECTRICAL EQUIPMENT EXPOSED TO THE CLIMATE SHALL BE WEATHERPROOF. CONDUIT SHALL BE SCHEDULE 80, P.V.C. SIZE AS NOTED ON PLAN. ALL UNDERGROUND CONDUIT SHALL BE INSTALLED AT 30" BELOW FINISHED GRADE MINIMUM AND 36" BELOW TOP OF CURB, UNLESS OTHERWISE NOTED. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING UNDERGROUND FACILITIES AND PROTECTING THESE FACILITIES FROM DAMAGE. THE ELECTRICAL CONTRACTOR SHALL ROUTE CONDUITS AS REQUIRED PER FIELD CONDITIONS, C.E.C., AND SCE STANDARDS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING UNDERGROUND FACILITIES. ALL ELECTRICAL EQUIPMENT IN THIS PROJECT SHALL BE U.L. LISTED. STREET LIGHT CONTRACTOR SHALL SUBMIT "AS BUILT" UNDERGROUND WIRING PLANS TO THE OWNER. LIGHT FIXTURE LOCATIONS PULLBOXES AND CONDUIT RUNS ARE DIAGRAMMATIC. ALL CONDUIT ONLY INSTALLATIONS SHALL INCLUDE 1/4" PULL ROPE. CONTRACTOR SHALL PROVIDE SUBMITTALS FOR LIGHTING FIXTURES, POLES, PULLBOXES, WIRING, WARNING TAPE, UNMETERED PEDESTAL AND DRY TYPE TRANSFORMER FOR APPROVAL PRIOR TO INSTALLATION. 																																



REVISIONS

NO.	DATE	DESCRIPTION	APP'D	DATE

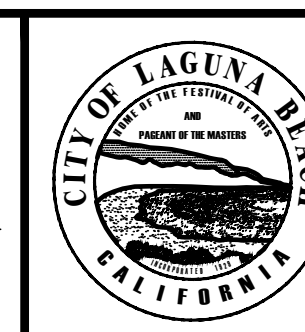


PREPARED BY:

 FIRST LAST, LICENSE 14537 DATE 11/10/2022

REVIEWED FOR D.R.B. CONFORMANCE BY:
 PIERRE SAWAYA, PROJECT MANAGER DATE
 RECOMMENDED BY: CAPITAL PROGRAM MANAGER
 THOMAS PEREZ, P.E. DATE

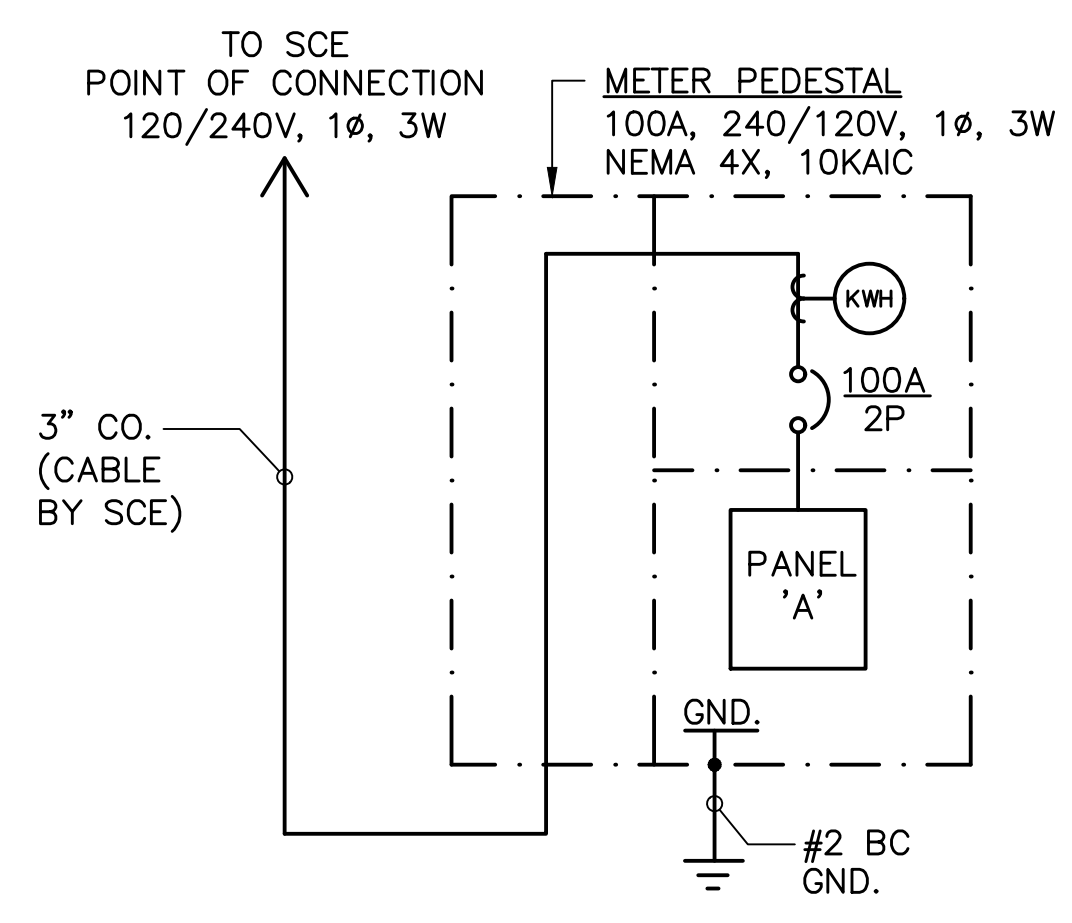
APPROVED BY:
 MARK A. TRESTIK, P.E., RCE 53708 DATE
 CITY ENGINEER



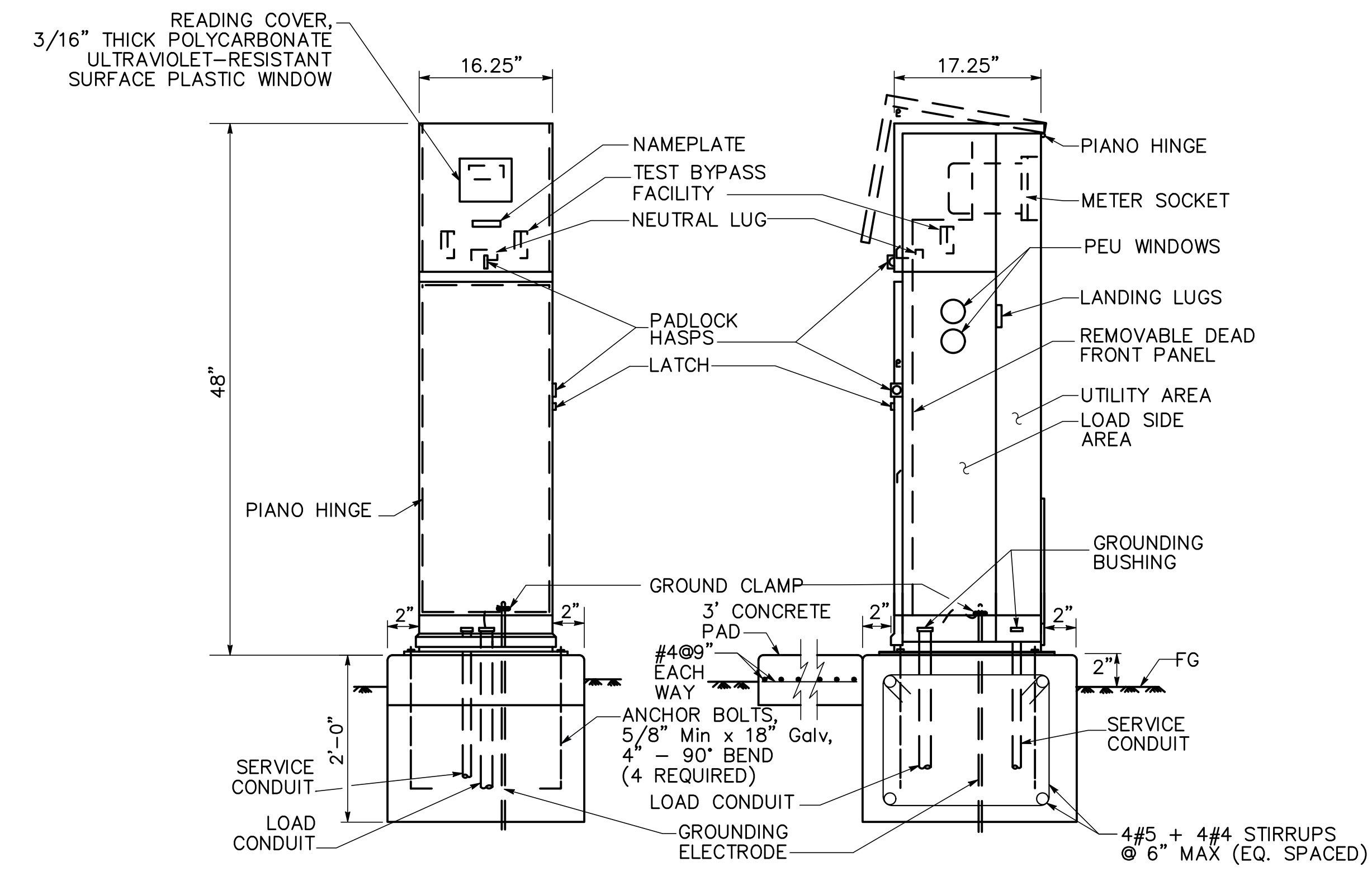
CITY OF LAGUNA BEACH
 PUBLIC WORKS DEPARTMENT
 WOODS COVE STREET LIGHT-AD2014-2
 ELECTRICAL NOTES, SYMBOLS
 AND ABBREVIATIONS

SHEET
 2
 OF
 17
 AD 2014-2

AD 2014-2 WOODS COVE STREET LIGHT



SINGLE LINE DIAGRAM
N.T.S (TYP. FOR ALL METER PEDESTALS)



MEUG16 (CALTRANS TYPE III-BF) METER PEDESTAL
N.T.S (TYP. FOR ALL METER PEDESTALS)

PANELBOARD SCHEDULE																	
VOLTS		120/240		PANEL		PANEL A		MAIN BREAKER:		50A							
PHASE		1		BUS RATING:		100A											
WIRE		3		LOCATION		SANTA CRUZ ST. & BLUEBIRD CANYON DR.		AIC RATING:		10KAIC							
DESCRIPTION	LTS	REC	MIS	VOLT ØA	AMPS ØB	BRKR AMP	CIR	BUS CONN	CIR	BRKR AMP	VOLT ØA	AMPS ØB	LTS	REC	MIS	DESCRIPTION	
STREET LIGHTING	2			44		20	2/1	+	2	20	1					SPACE	
					44		3	+	4	20	1					SPACE	
STREET LIGHTING	2			44		20	2/5	+	6	20	1					SPACE	
					44		7	+	8	20	1					SPACE	
SPACE						20	1/9	+	10	20	1					SPACE	
SPACE						20	1/11	+	12	20	1					SPARE	
SUBTOTAL				88		88											
LOAD		ØA		88		ØB		88									
LCL X .25		22		22		PANEL TOTAL		220		VOLT AMPS =		0.92		AMPS@240V			
TOTAL		110		110		HIGH LEG - Ø		110		VOLT AMPS =		0.92		AMPS@120V			

- NOTES:
- CONTRACTOR TO PROVIDE 2" SCH 80 PVC CONDUIT AND MINIMUM #10 AWG CONDUCTORS FOR ALL LIGHTING CIRCUITS.

PANELBOARD SCHEDULE																	
VOLTS		120/240		PANEL		PANEL B		MAIN BREAKER:		50A							
PHASE		1		BUS RATING:		100A											
WIRE		3		LOCATION		PEARL ST. & CATALINA ST.		AIC RATING:		10KAIC							
DESCRIPTION	LTS	REC	MIS	VOLT ØA	AMPS ØB	BRKR AMP	CIR	BUS CONN	CIR	BRKR AMP	VOLT ØA	AMPS ØB	LTS	REC	MIS	DESCRIPTION	
STREET LIGHTING	3			66		20	2/1	+	2	20	1					STREET LIGHTING	
					66		3	+	4	20	1					SPACE	
STREET LIGHTING	3			66		20	2/5	+	6	20	1					SPACE	
					66		7	+	8	20	1					SPACE	
SPACE						20	1/9	+	10	20	1					SPACE	
SPACE						20	1/11	+	12	20	1					SPACE	
SUBTOTAL				132		132											
LOAD		ØA		176		ØB		176									
LCL X .25		44		44		PANEL TOTAL		440		VOLT AMPS =		1.83		AMPS@240V			
TOTAL		220		220		HIGH LEG - Ø		220		VOLT AMPS =		1.83		AMPS@120V			

PANELBOARD SCHEDULE																	
VOLTS		120/240		PANEL		PANEL C		MAIN BREAKER:		50A							
PHASE		1		BUS RATING:		100A											
WIRE		3		LOCATION		GLENNEYRE ST. & CENTER ST.		AIC RATING:		10KAIC							
DESCRIPTION	LTS	REC	MIS	VOLT ØA	AMPS ØB	BRKR AMP	CIR	BUS CONN	CIR	BRKR AMP	VOLT ØA	AMPS ØB	LTS	REC	MIS	DESCRIPTION	
STREET LIGHTING	3			66		20	2/1	+	2	20	1					STREET LIGHTING	
					66		3	+	4	20	1					SPACE	
SPACE						20	1/5	+	6	20	1					SPACE	
SPACE						20	1/7	+	8	20	1					SPACE	
SPACE						20	1/9	+	10	20	1					SPACE	
SPACE						20	1/11	+	12	20	1					SPACE	
SUBTOTAL				66		66											
LOAD		ØA		176		ØB		176									
LCL X .25		44		44		PANEL TOTAL		440		VOLT AMPS =		1.83		AMPS@240V			
TOTAL		220		220		HIGH LEG - Ø		220		VOLT AMPS =		1.83		AMPS@120V			

PANELBOARD SCHEDULE																	
VOLTS		120/240		PANEL		PANEL D		MAIN BREAKER:		50A							
PHASE		1		BUS RATING:		100A											
WIRE		3		LOCATION		GLENNEYRE ST. & ARCH ST.		AIC RATING:		10KAIC							
DESCRIPTION	LTS	REC	MIS	VOLT ØA	AMPS ØB	BRKR AMP	CIR	BUS CONN	CIR	BRKR AMP	VOLT ØA	AMPS ØB	LTS	REC	MIS	DESCRIPTION	
STREET LIGHTING	2			44		20	2/1	+	2	20	1					SPACE	
					44		3	+	4	20	1					SPACE	
STREET LIGHTING	2			44		20	2/5	+	6	20	1					SPACE	
					44		7	+	8	20	1					SPACE	
SPACE						20	1/9	+	10	20	1					SPACE	
SPACE						20	1/11	+	12	20	1					SPACE	
SUBTOTAL				88		88											
LOAD		ØA		88		ØB		88									
LCL X .25		22		22		PANEL TOTAL		220		VOLT AMPS =		0.92		AMPS@240V			
TOTAL		110		110		HIGH LEG - Ø		110		VOLT AMPS =		0.92		AMPS@120V			



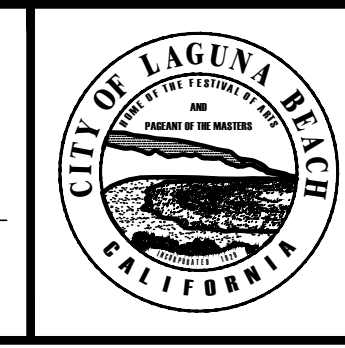
REVISIONS				
NO.	DATE	DESCRIPTION	APP'D	DATE



PREPARED BY:
 Mark Prunone 14537 11/10/2022
 FIRST LAST, LICENSE DATE

REVIEWED FOR D.R.B. CONFORMANCE BY:
 PIERRE SAWAYA, PROJECT MANAGER DATE
 RECOMMENDED BY: CAPITAL PROGRAM MANAGER
 THOMAS PEREZ, P.E. DATE

APPROVED BY:
 MARK A. TRESTIK, P.E., RCE 53708
 CITY ENGINEER DATE

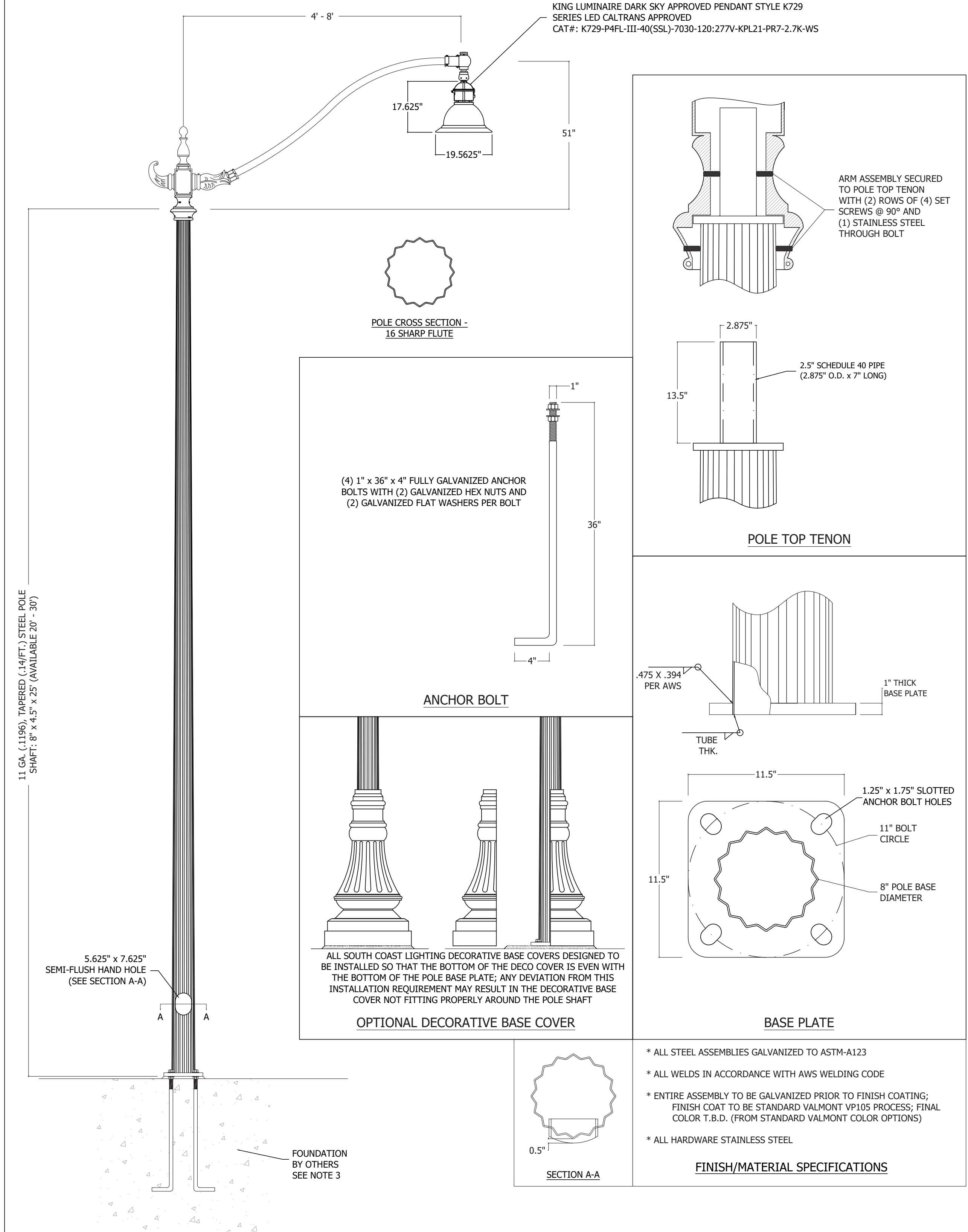


CITY OF LAGUNA BEACH
 PUBLIC WORKS DEPARTMENT
 WOODS COVE STREET LIGHT-AD2014-2
 PANELBOARD SCHEDULES, SINGLE LINE
 DIAGRAM AND PEDESTAL ELEVATION

SHEET
 3
 OF
 17
 AD 2014-2

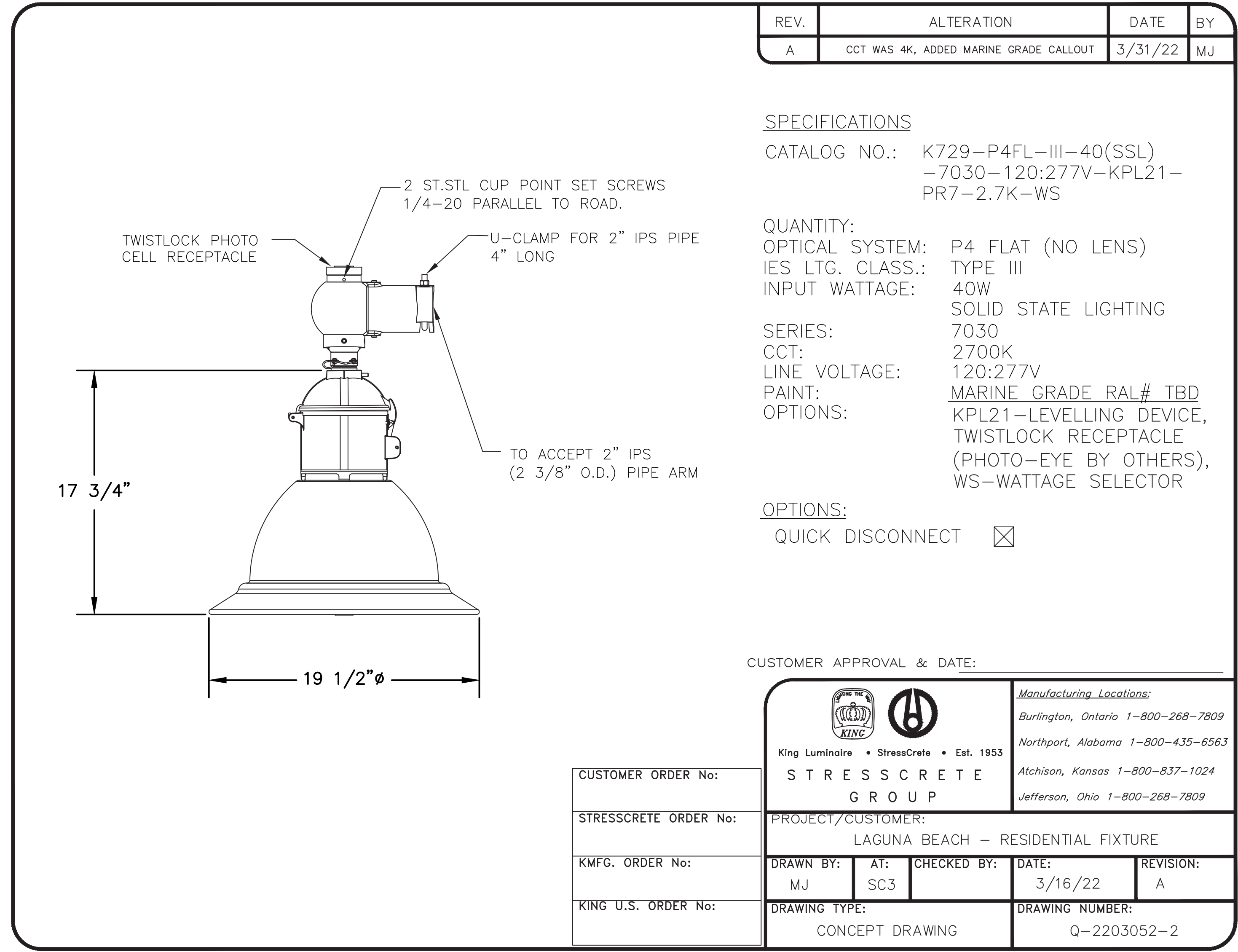
AD 2014-2 WOODS COVE STREET LIGHT

REV.	REV. #	REVISION NOTE	DATE	CHECKED BY
A	1	UPDATE PER CUSTOMER EMAIL COMMENTS OF 3/14/22	3/14/22	G.K.
B	1	REVISE TO 16 SHARP FLUTE TAPERED POLE	3/15/22	G.K.



NOTES:

1. PROVIDE VALMONT, 25' ROUND TAPERED, FLUTED, GALVANIZED POLE WITH BASE COVER AS SHOWN WITH 12" BASE PLATE. POLE SHALL BE SCL 16 SHARP FLUTED, MEDIUM BRONZE IN COLOR, AND FINISHED IN VALMONT PRO V4 FINISH. INTERSECTION OF CATALINA AND PEARL SHALL USE 20' POLE.
2. POLE ARM SHALL BE VALMONT ALHAMBRA CONTEMPORARY, MEDIUM BRONZE IN COLOR, AND 8' IN LENGTH. LIGHT FIXTURE SHALL BE KING K729FL, PAINTED BRONZE.
3. REFER TO DETAIL 4 ON SHEET 5 FOR STREET LIGHT POLE FOUNDATION DETAILS.



REV.	ALTERATION	DATE	BY
A	CCT WAS 4K, ADDED MARINE GRADE CALLOUT	3/31/22	MJ

SPECIFICATIONS

CATALOG NO.: K729-P4FL-III-40(SSL)
-7030-120:277V-KPL21-PR7-2.7K-WS

QUANTITY:
OPTICAL SYSTEM: P4 FLAT (NO LENS)
IES LTG. CLASS.: TYPE III
INPUT WATTAGE: 40W
SOLID STATE LIGHTING

SERIES: 7030
CCT: 2700K
LINE VOLTAGE: 120:277V
PAINT: MARINE GRADE RAL# TBD
OPTIONS: KPL21-LEVELLING DEVICE, TWISTLOCK RECEPTACLE (PHOTO-EYE BY OTHERS), WS-WATTAGE SELECTOR

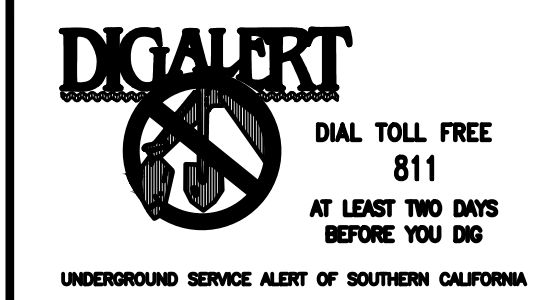
OPTIONS:
QUICK DISCONNECT

CUSTOMER APPROVAL & DATE:

 King Luminaire • StressCrete • Est. 1953 STRESSCRETE GROUP	<i>Manufacturing Locations:</i> Burlington, Ontario 1-800-268-7809 Northport, Alabama 1-800-435-6563 Atchison, Kansas 1-800-837-1024 Jefferson, Ohio 1-800-268-7809	
	CUSTOMER ORDER No: STRESSCRETE ORDER No: KMFG. ORDER No: KING U.S. ORDER No:	PROJECT/CUSTOMER: LAGUNA BEACH - RESIDENTIAL FIXTURE DRAWN BY: MJ AT: SC3 CHECKED BY: SC3 DATE: 3/16/22 REVISION: A DRAWING TYPE: CONCEPT DRAWING DRAWING NUMBER: Q-2203052-2

STREET LIGHT FIXTURE
N.T.S (TYP. FOR ALL STREET LIGHT FIXTURES)

 SOUTH COAST LIGHTING & DESIGN 1101 VIA CALLEJON, STE. 200, SAN CLEMENTE, CA. 92673 VOICE - 949.276.8850 / FAX - 949.276.8855 SALES@SOUTHCOASTLIGHTING.COM / WWW.SOUTHCOASTLIGHTING.COM DUE TO CONTINUING IMPROVEMENTS, SOUTH COAST LIGHTING & DESIGN, INC. RESERVES THE RIGHT TO CHANGE DIMENSIONS, DESIGNS, AND CONSTRUCTION FROM THAT WHICH IS SHOWN IN THIS BROCHURE. CONTACT FACTORY FOR DETAILED ENGINEERING DRAWINGS	SALES: DRAWN BY: R.R. PRODUCTION: CUSTOMER FINAL:	CATALOG # SCL800A(HT)-CAALH8-K729LED PROJECT NAME: RESIDENTIAL STREET LIGHTING CUSTOMER: C.O. LAGUNA BEACH DRAWING NUMBER: R-031522-1S SHEET: 1 OF 1	DATE: 3.15.22
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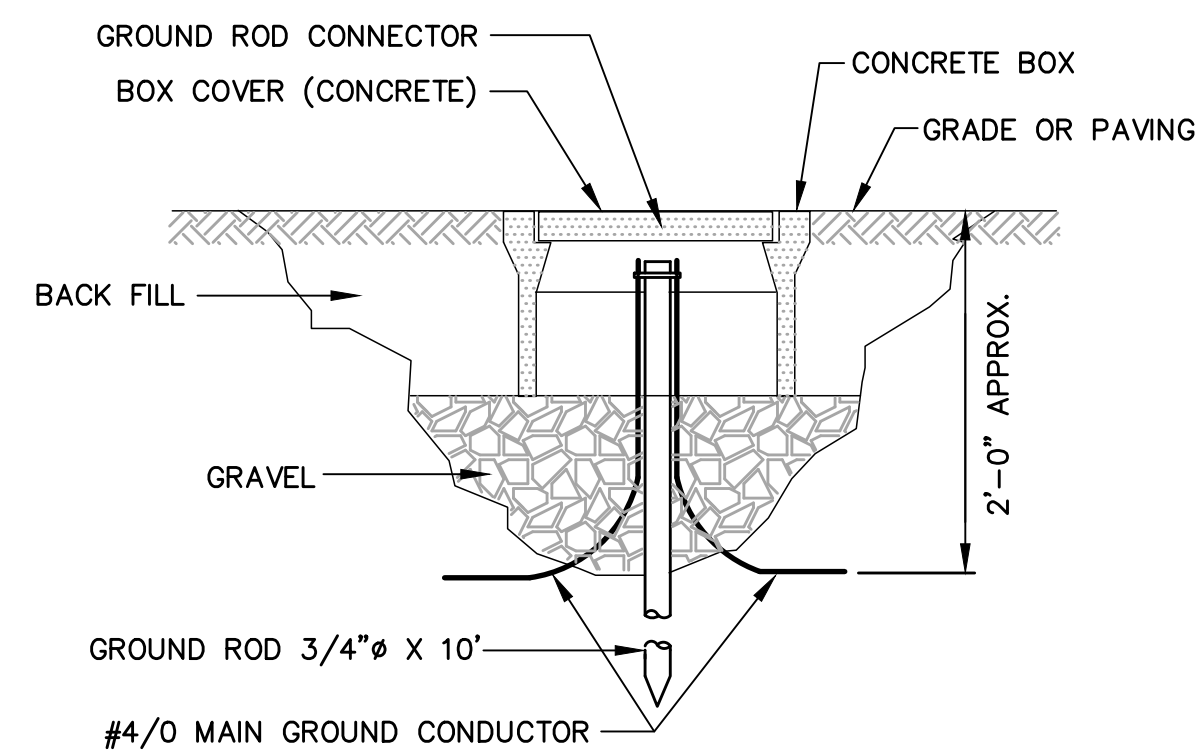
STREET LIGHT POLE
N.T.S (TYP. FOR ALL STREET LIGHT POLES)

REVISIONS			
NO.	DATE	DESCRIPTION	APP'D DATE

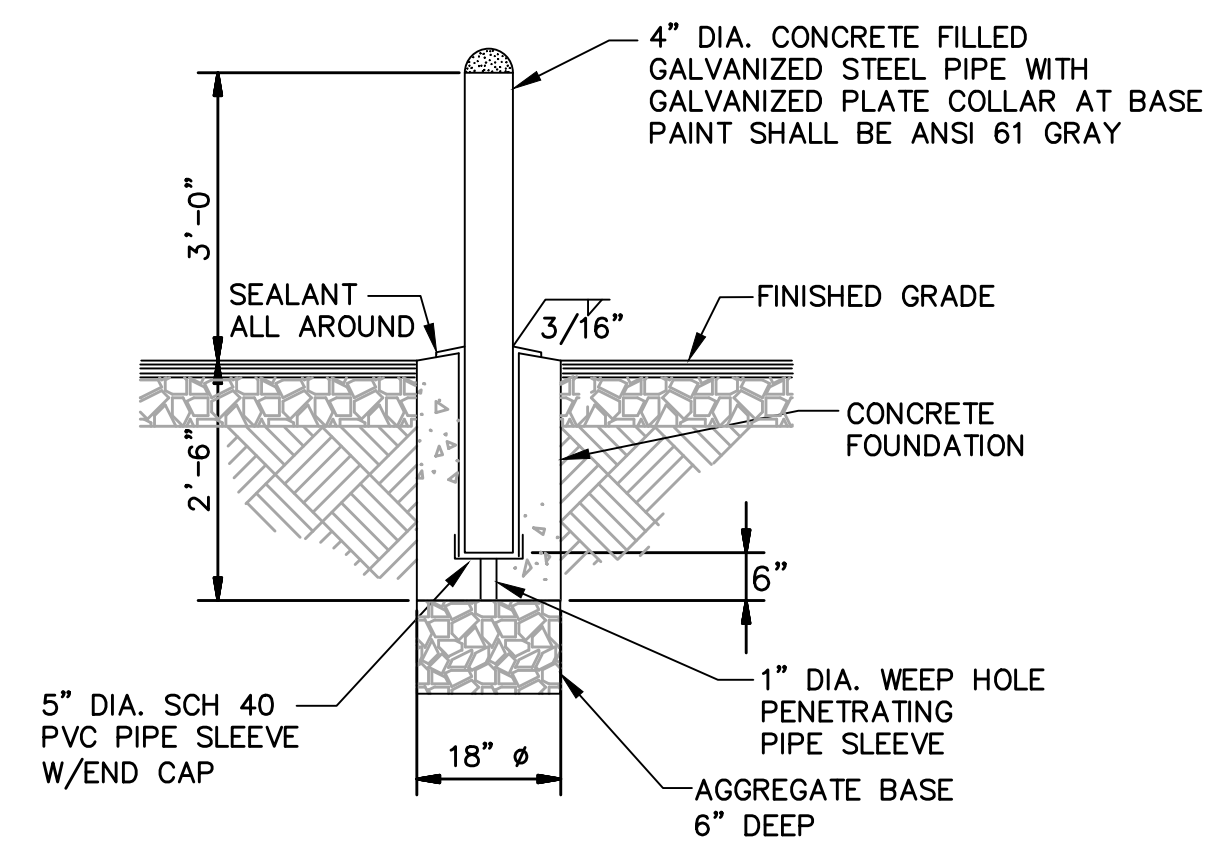
 PREPARED BY: Mark A. Trestik 14537 11/10/2022 FIRST LAST, LICENSE DATE	REVIEWED FOR D.R.B. CONFORMANCE BY: PIERRE SAWAYA, PROJECT MANAGER DATE RECOMMENDED BY: CAPITAL PROGRAM MANAGER THOMAS PEREZ, P.E. DATE	APPROVED BY: MARK A. TRESTIK, P.E., RCE 53708 CITY ENGINEER DATE
--	--	--

 CITY OF LAGUNA BEACH PUBLIC WORKS DEPARTMENT WOODS COVE STREET LIGHT-AD2014-2 LIGHT POLE AND FIXTURE DETAILS	SHEET 4 OF 17 AD 2014-2
---	-------------------------------------

AD 2014-2 WOODS COVE STREET LIGHT

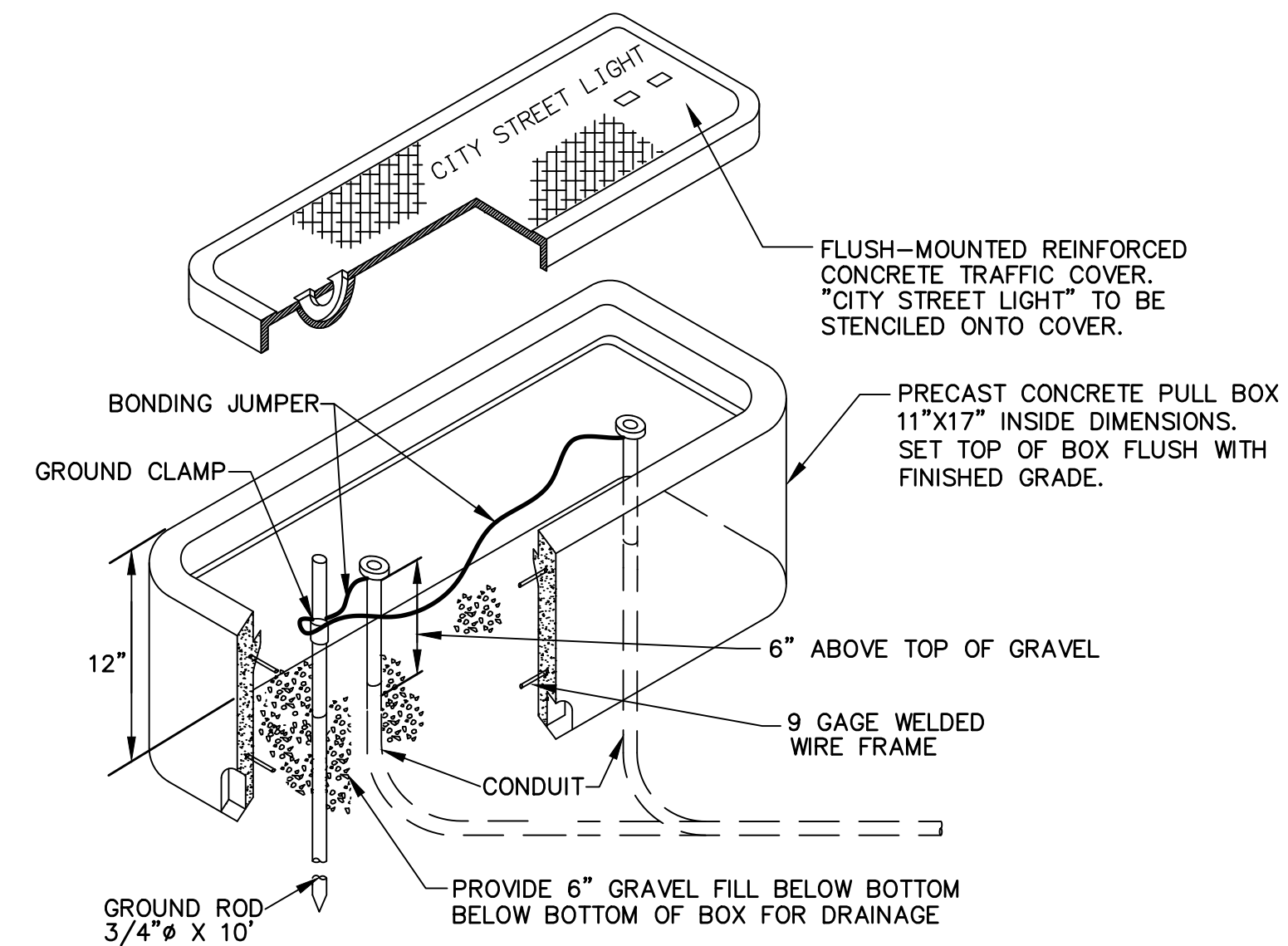


GROUND ROD AND WELL (1)
NTS

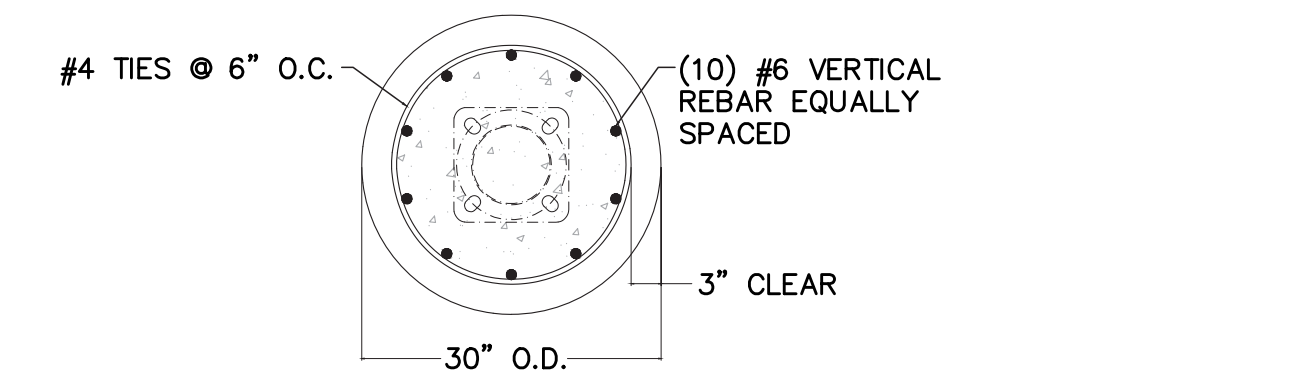


NOTES:
CONTRACTOR TO OBTAIN APPROVAL OF BOLLARD PLACEMENT FROM UTILITY PRIOR TO INSTALLATION.

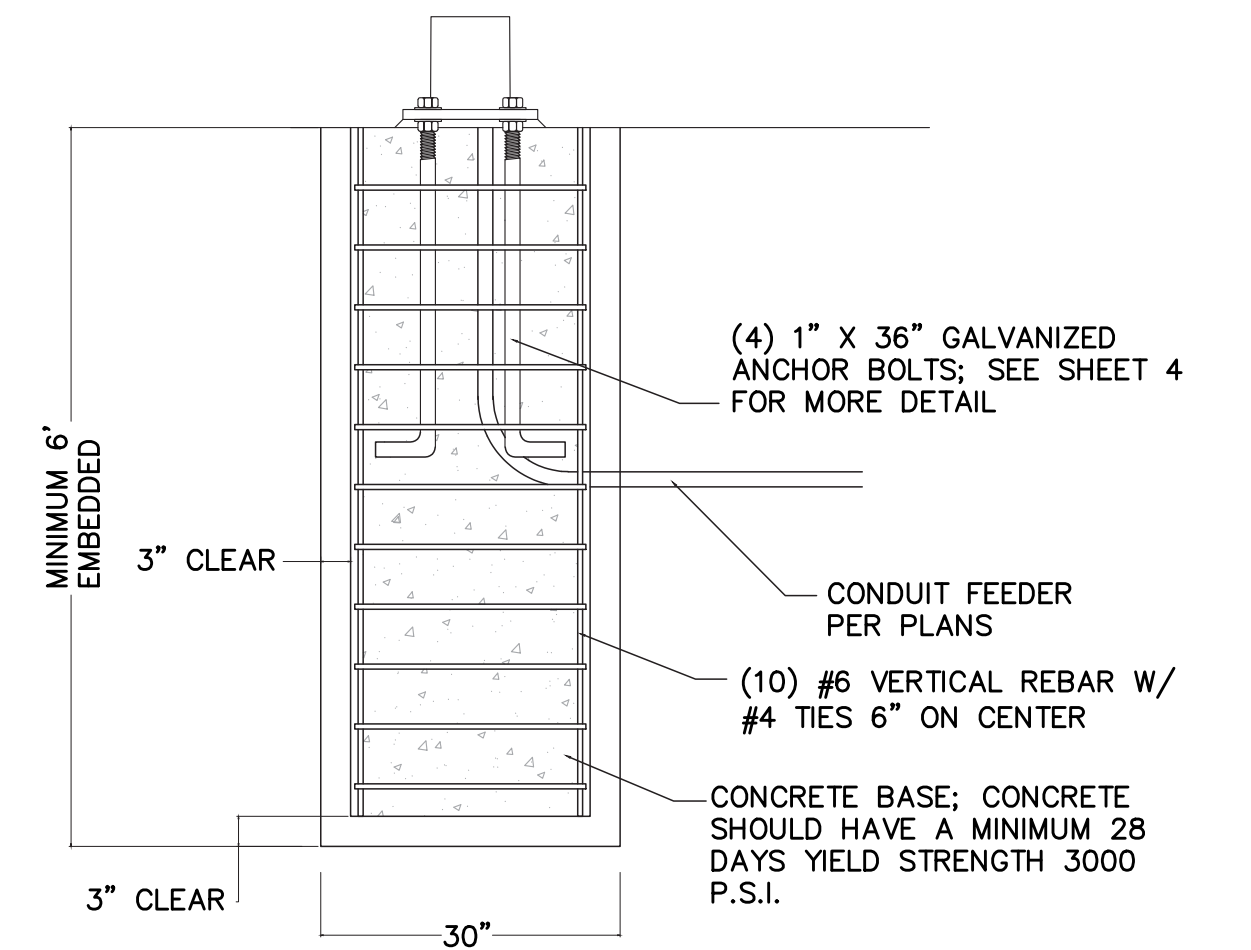
GUARD POST DETAIL (2)
NTS



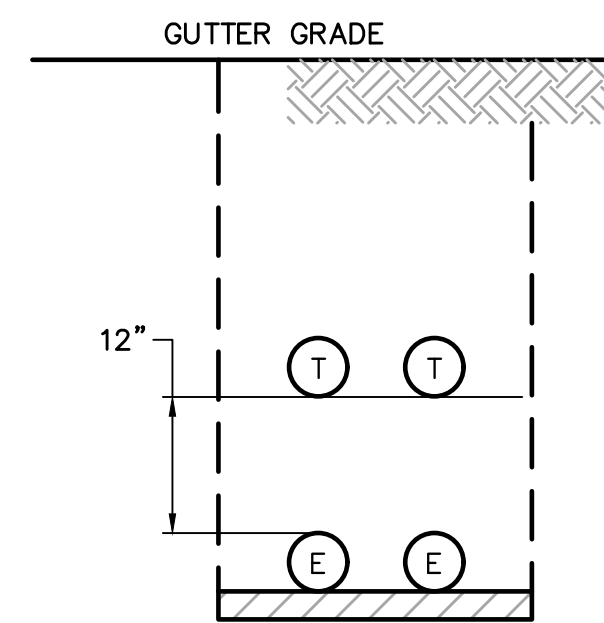
PULLBOX INSTALLATION DETAIL (3)
NTS



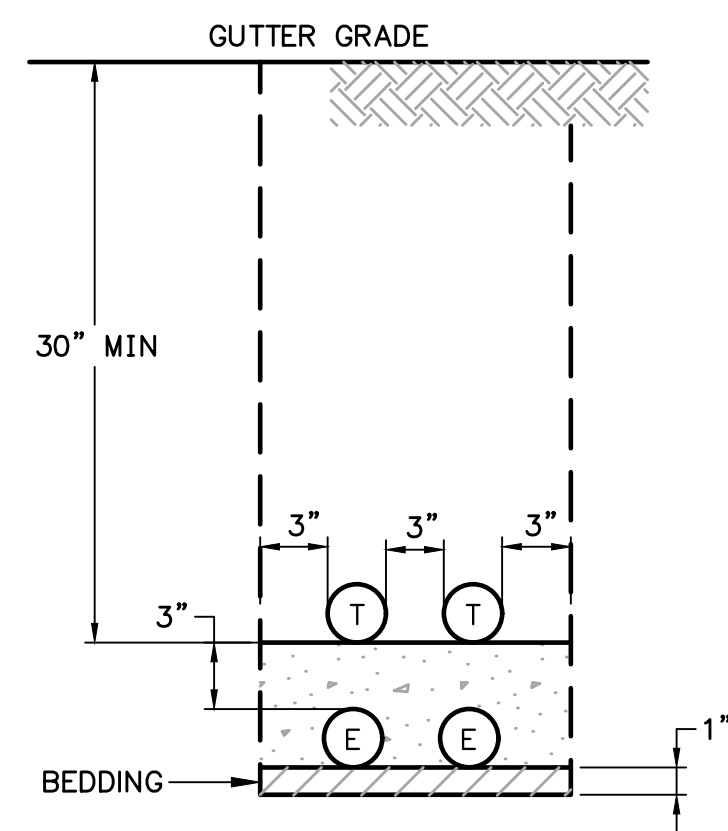
PLAN VIEW



30\"/>



TYPICAL CONDUIT SECTION (A)
NTS

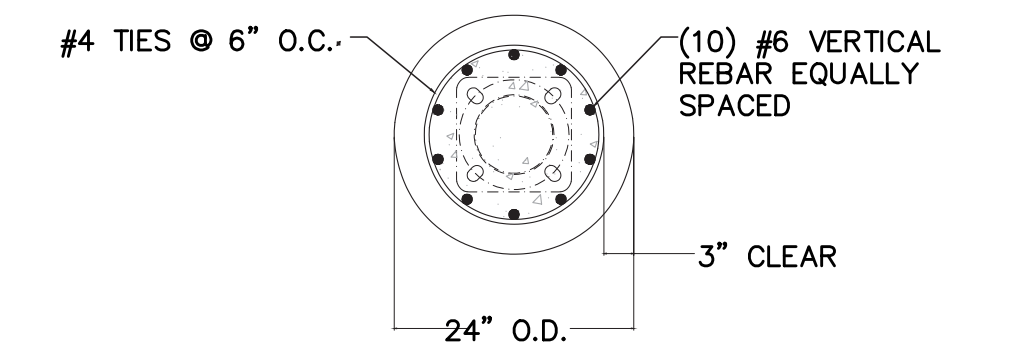


ALTERNATE JOINT TRENCH - ENCASEMENT CONCRETE (B)
NTS

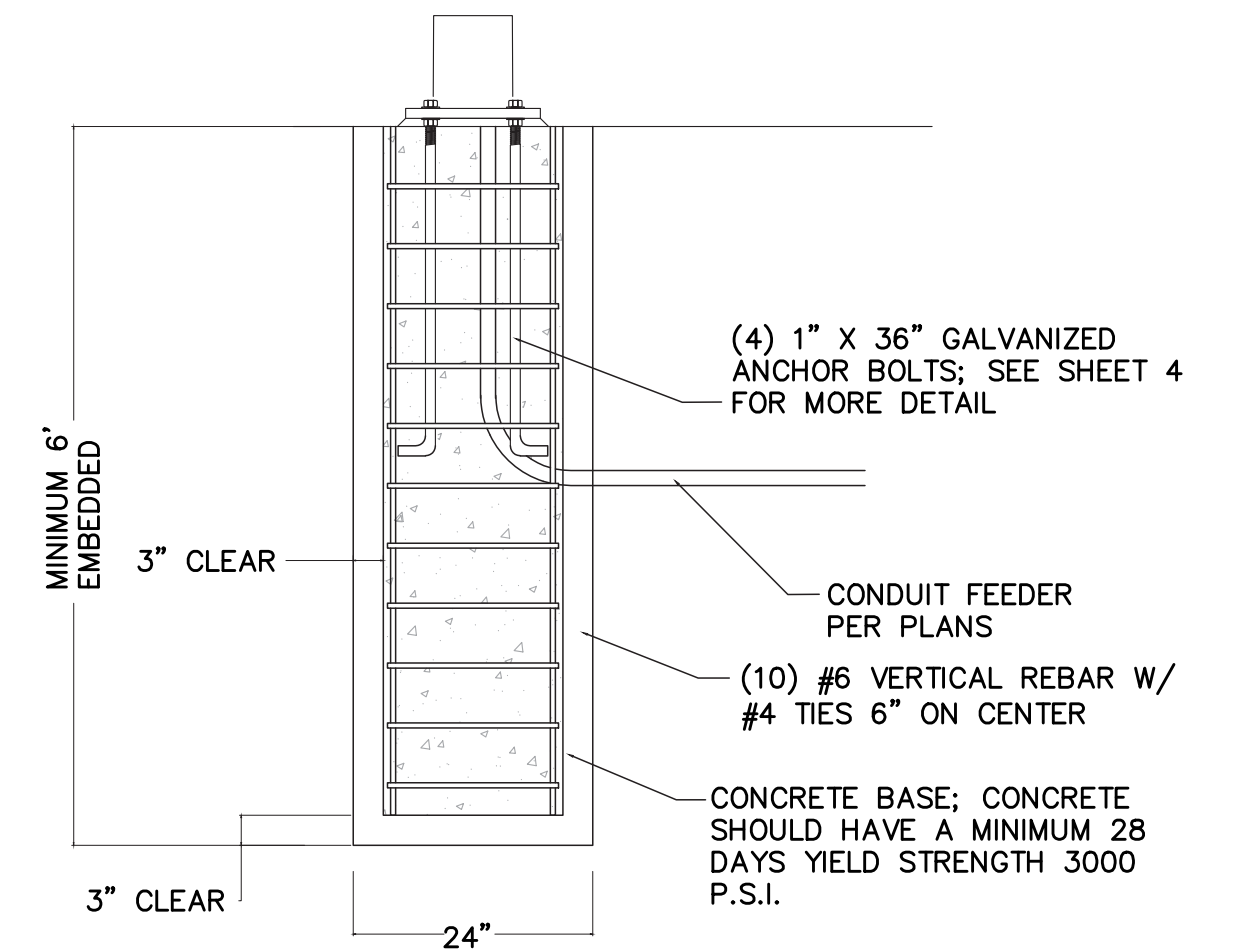
NOTES:

- REFER TO SCE UGS STANDARD CD 120, CD 115 AND CD 110 FOR MORE DETAILS

DUCTBANK DETAILS (5)
NTS

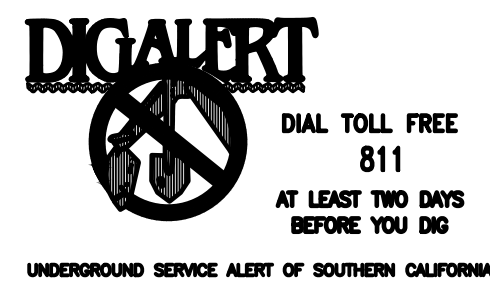


PLAN VIEW



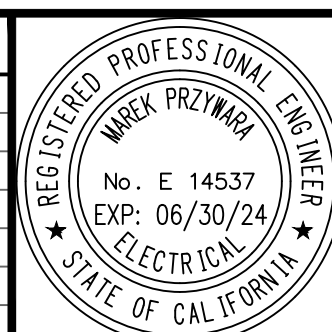
24\"/>

POLE LIGHTING FOUNDATION (4)
NTS



REVISIONS

NO.	DATE	DESCRIPTION	APP'D	DATE



PREPARED BY:
Mark Prizman 14537 11/10/2022
FIRST LAST, LICENSE DATE

REVIEWED FOR D.R.B. CONFORMANCE BY:
PIERRE SAWAYA, PROJECT MANAGER DATE
RECOMMENDED BY: CAPITAL PROGRAM MANAGER
THOMAS PEREZ, P.E. DATE

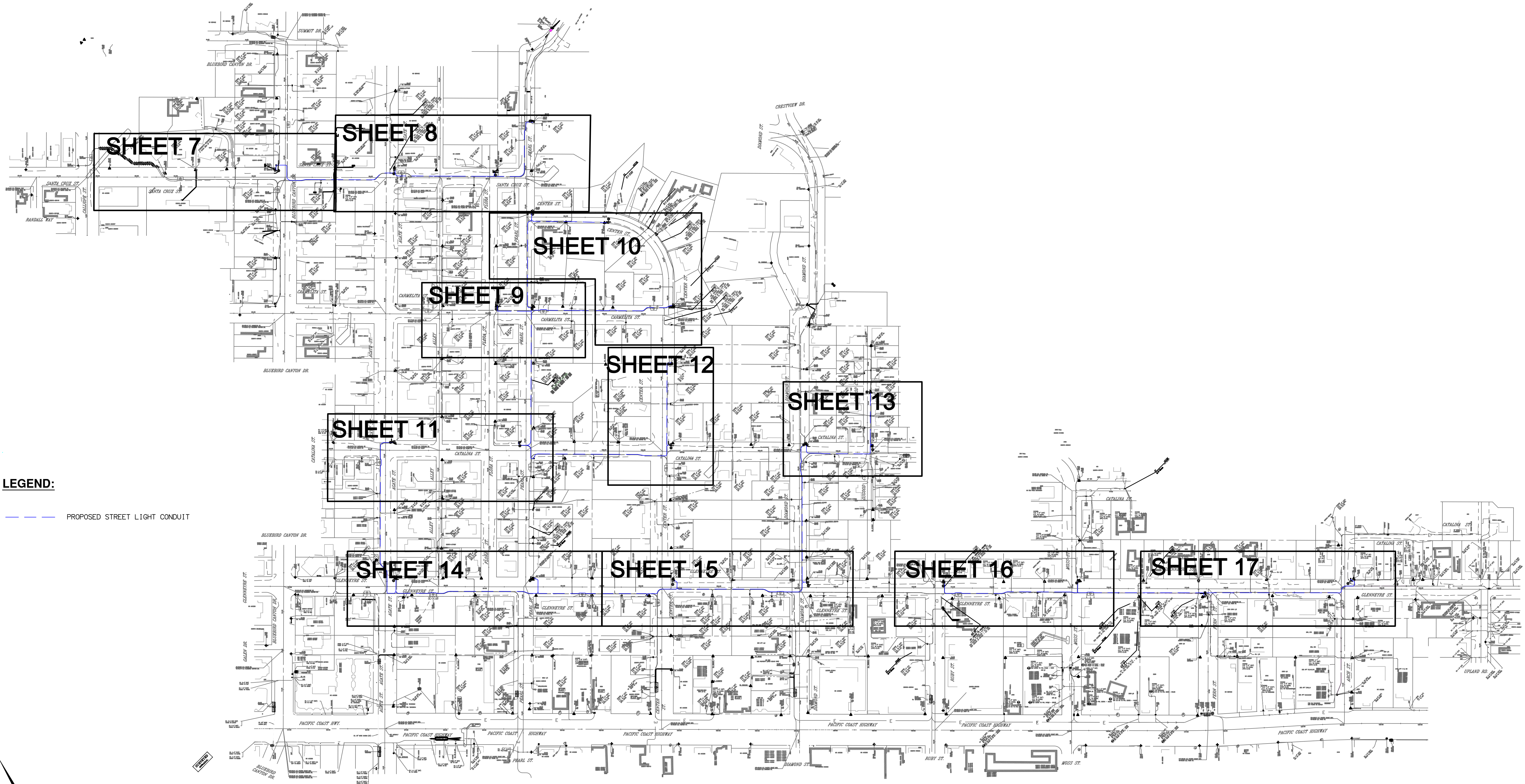
APPROVED BY:
MARK A. TRESTIK, P.E., RCE 53708 DATE
CITY ENGINEER



CITY OF LAGUNA BEACH
PUBLIC WORKS DEPARTMENT
WOODS COVE STREET LIGHT-AD2014-2
ELECTRICAL DETAILS

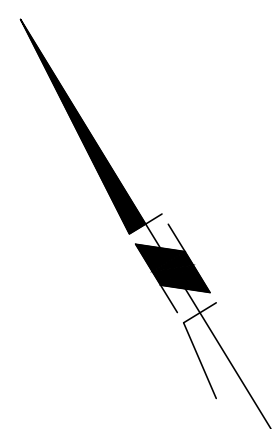
SHEET
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OF
17
AD 2014-2

AD 2014-2 WOODS COVE STREET LIGHT



LEGEND:

--- PROPOSED STREET LIGHT CONDUIT



DIALERT

DIAL TOLL FREE
811
AT LEAST TWO DAYS
BEFORE YOU DIG

UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

GRAPHIC SCALE

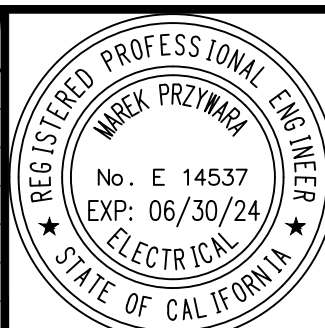


(IN FEET)

1 inch = 120 ft.

REVISIONS

NO.	DATE	DESCRIPTION	APP'D	DATE



PREPARED BY:

Mark Prizman 14537 11/10/2022
FIRST LAST, LICENSE DATE

REVIEWED FOR D.R.B. CONFORMANCE BY:

PIERRE SAWAYA, PROJECT MANAGER DATE
RECOMMENDED BY: CAPITAL PROGRAM MANAGER
THOMAS PEREZ, P.E. DATE

APPROVED BY:

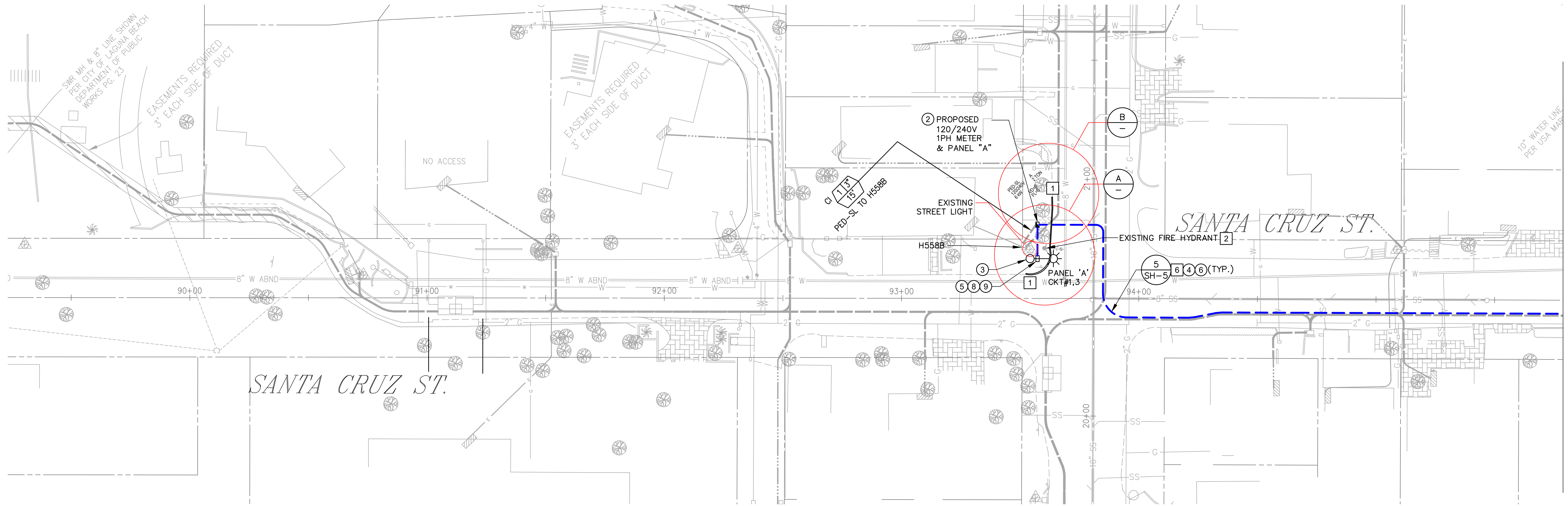
MARK A. TRESTIK, P.E., RCE 53708 DATE
CITY ENGINEER



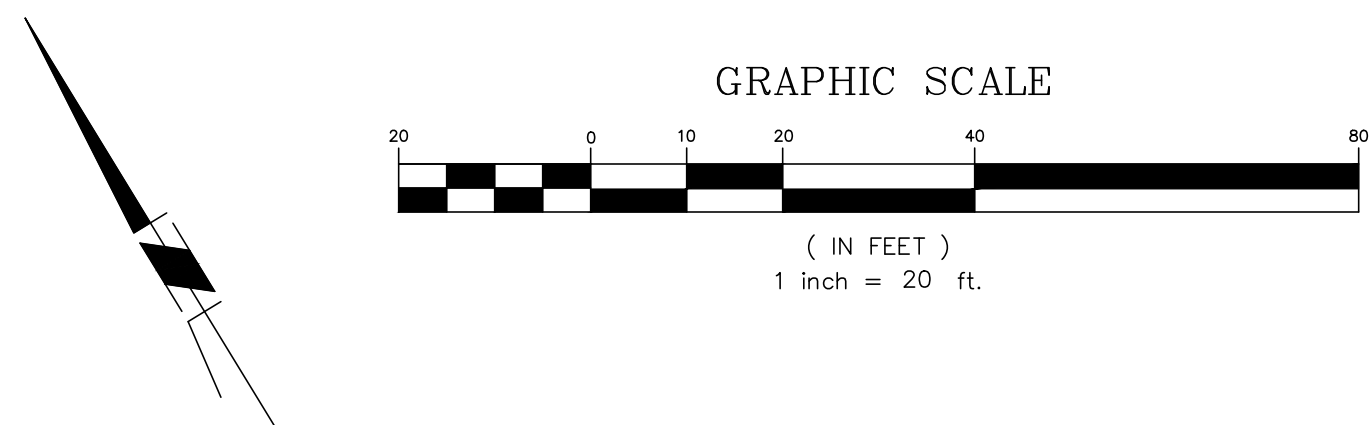
CITY OF LAGUNA BEACH
PUBLIC WORKS DEPARTMENT
WOODS COVE STREET LIGHT-AD2014-2
WOODS COVE STREET LIGHT INDEX

SHEET
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OF
17
AD 2014-2

AD 2014-2 WOODS COVE STREET LIGHT



CONTINUE ON SHEET 8



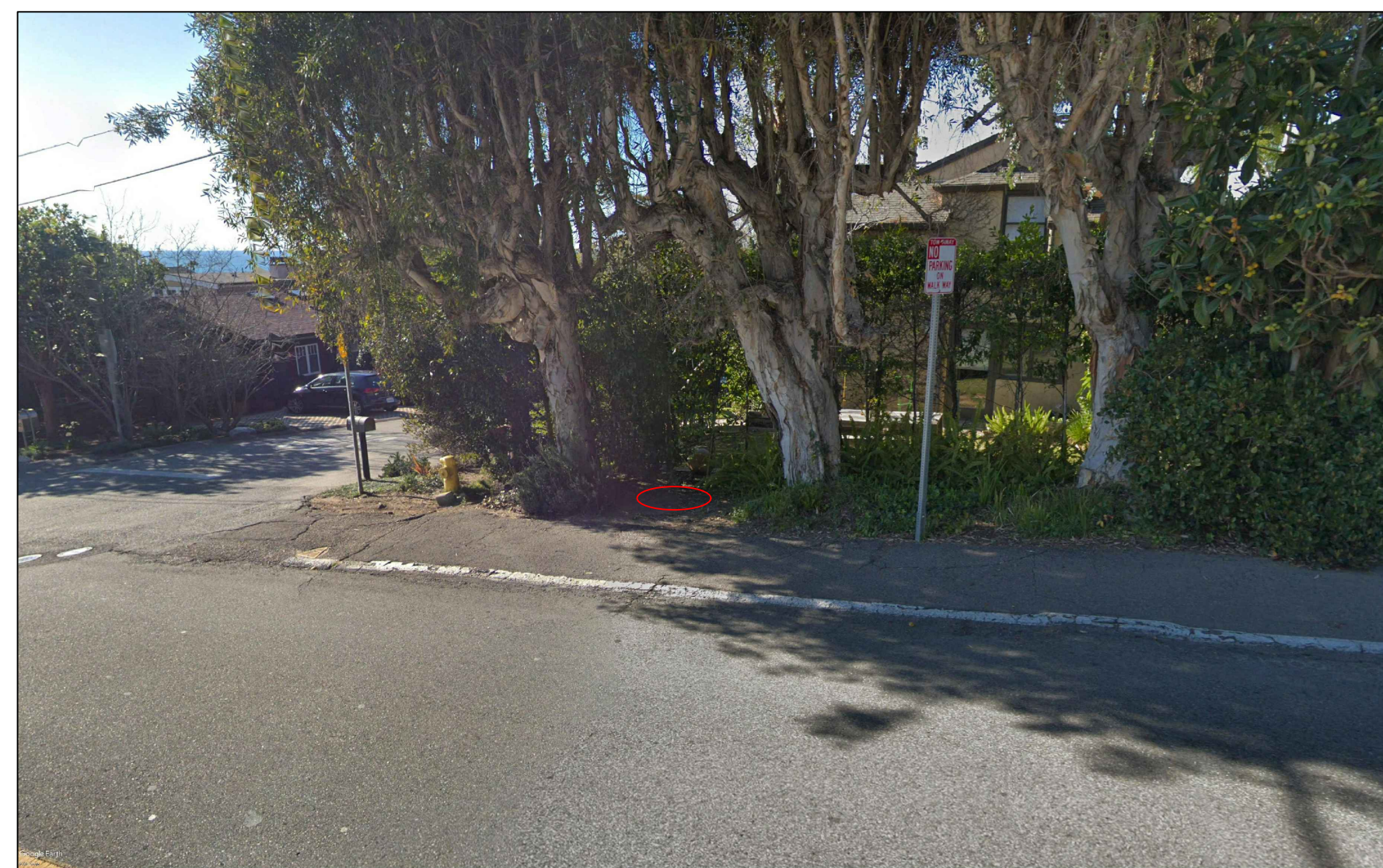
LEGEND:

- SCE PRIMARY LINES (NOT IN CONTRACT)
- SCE SECONDARY LINES (NOT IN CONTRACT)
- SCE SECONDARY SERVICE LINES (NOT IN CONTRACT)
- PROPOSED STREET LIGHT 2" CONDUITS (UNLESS OTHERWISE NOTED)
- PROPOSED 120/240V 1PH METER
- PROPOSED LIGHT FIXTURE



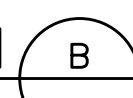
PROPOSED LOCATION

SANTA CRUZ ST. &
BLUEBIRD CANYON DR.



PROPOSED PEDESTAL LOCATION

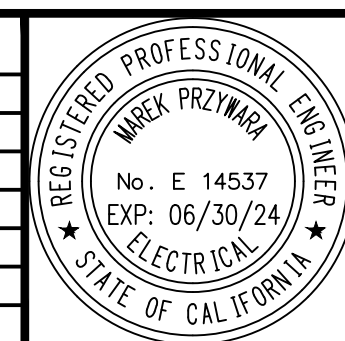
SANTA CRUZ ST. & BLUEBIRD CANYON DR.



CONSTRUCTION NOTES	QTY
1. INSTALL NON-REMOVABLE BOLLARD PROTECTION AT THIS LOCATION PER DETAIL 2, SHEET 5.	8 EA
2. FURNISH AND INSTALL NEW MEUG16 (CALTRANS TYPE III-BF) METER PEDESTAL PER CALTRANS STD. DWG. ES-2E ON SHEET 3.	4 EA
3. FURNISH AND INSTALL STREET LIGHT POLES WITH THE FOLLOWING. CONSTRUCT STREET LIGHT POLE FOUNDATION PER DETAIL 4, SHEET 5. POLE LOCATIONS MARKED AND APPROVED BY THE CITY, PRIOR TO INSTALLATION: POLE - VALMONT FL210 IN SCL 16 WITH 8FT VALMONT ALHAMBRA ALUMINUM ARMS PER SHEET 4 LUMINAIRE - KING K728 AURORA JR. LED PER SHEET 4	--
4. 2"C - 2#10, 1#10G, PER CIRCUIT, PER DETAIL 5, SHEET 5	--
CONSTRUCT 2" SCH 80 PVC CITY STREET LIGHT CONDUIT IN CITY AND SOUTHERN CALIFORNIA EDISON (SCE) JOINT TRENCH PER DETAIL 5, SHEET 5	8250 LF
PROVIDE #10 AWG, THWN OR XHHW COPPER CONDUCTOR	32100 LF
5. FURNISH AND INSTALL NO. 5 PULLBOX (CHRISTY CONCRETE PRODUCT, MODEL NUMBERS FL30 AND FL30D) PER DETAIL 3, SHEET 5	--
6. CONSTRUCT 2" SCH 80 PVC SPARE CONDUIT IN SCE JOINT TRENCH PER DETAIL 5, SHEET 5	8250 LF
7. INSTALL NEW STREET LIGHT 3 FT. FROM EXISTING PCC CURB. INSTALL BOLLARDS AS INDICATED ON PLANS	2 EA
8. PROVIDE #6 GND. COPPER	24 EA
9. PROVIDE 3/4"x10FT COPPER-CLAD STEEL GROUND ROD.	24 EA
10. PROVIDE 20' POLE FOR THE INTERSECTION OF CATALINA AND PEARL ST AS INDICATED ON SHEET 4.	1 EA
DISPOSITION NOTES	QTY
1. AC CURB BY OTHERS	--
2. MAINTAIN MINIMAL RADIAL CLEARANCE OF 3-FT FROM EXISTING FIRE HYDRANT	--
3. NEW AC CURB IS NOT REQUIRED	--
4. EXISTING AC CURB	--
5. KEEP EXISTING BOLLARDS AND REPAINT	--
6. CONDUIT ROUTING IS SHOWN AS DIAGRAMMATIC AND FOR REFERENCE ONLY. CONTRACTOR TO PROVIDE ADDITIONAL PULL BOXES AND HANDHOLES AS NEEDED TO NOT EXCEED NEC PULLING REQUIREMENTS.	--



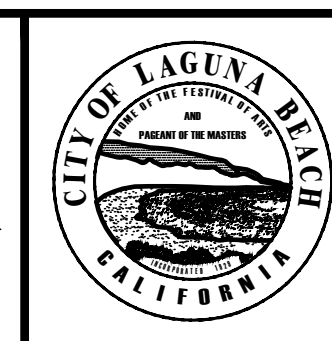
REVISIONS				
NO.	DATE	DESCRIPTION	APP'D	DATE



PREPARED BY:
Mark Prizman 14537 11/10/2022
FIRST LAST, LICENSE DATE

REVIEWED FOR D.R.B. CONFORMANCE BY:
PIERRE SAWAYA, PROJECT MANAGER DATE
RECOMMENDED BY: CAPITAL PROGRAM MANAGER
THOMAS PEREZ, P.E. DATE

APPROVED BY:
MARK A. TRESTIK, P.E., RCE 53708 DATE
CITY ENGINEER

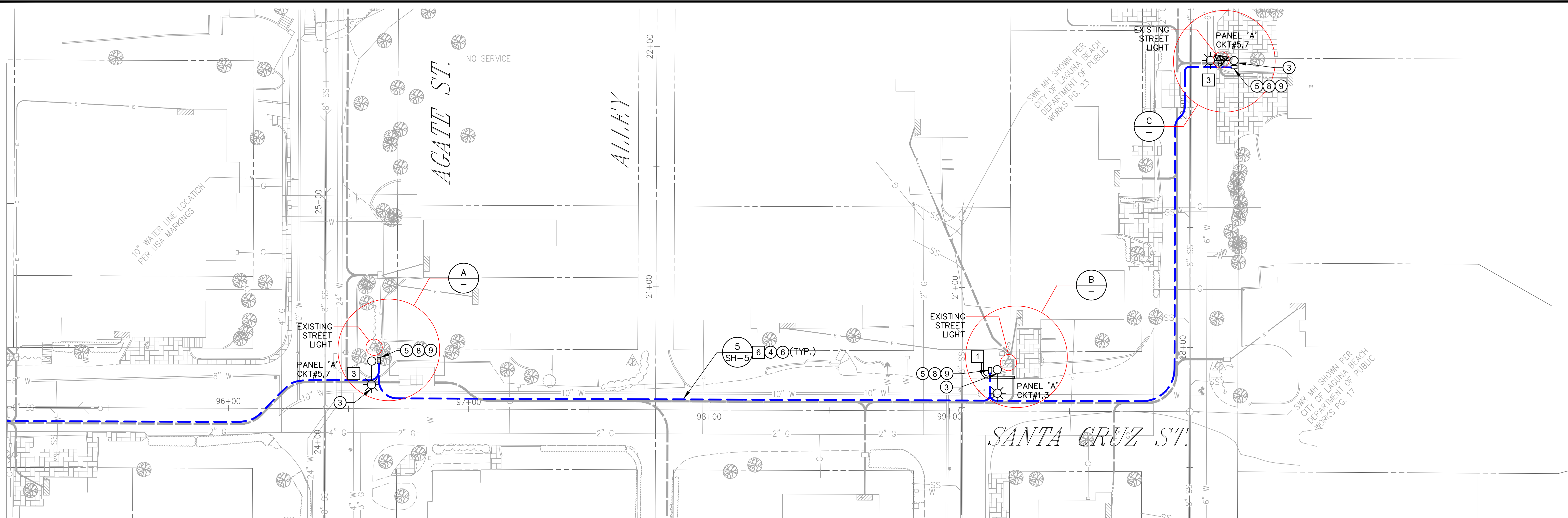


CITY OF LAGUNA BEACH
PUBLIC WORKS DEPARTMENT
WOODS COVE STREET LIGHT-AD2014-2
SANTA CRUZ & BLUEBIRD CANYON

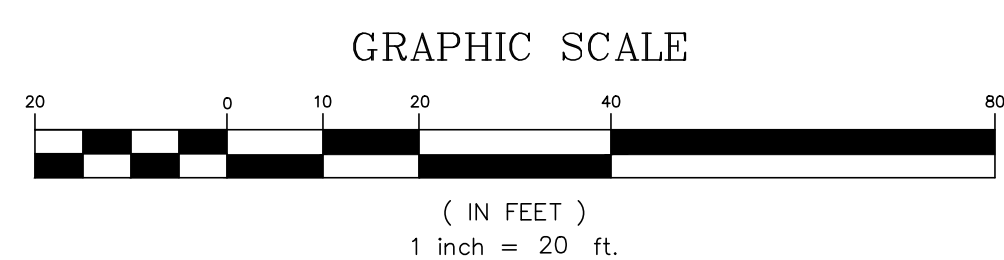
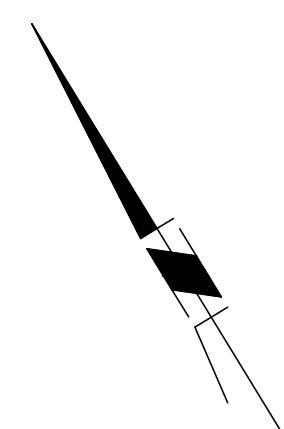
SHEET
7
OF
17
AD 2014-2

AD 2014-2 WOODS COVE STREET LIGHT

CONTINUE ON SHEET 7



CONTINUE ON SHEET 9



LEGEND:

- SCE PRIMARY LINES (NOT IN CONTRACT)
- SCE SECONDARY LINES (NOT IN CONTRACT)
- SCE SECONDARY SERVICE LINES (NOT IN CONTRACT)
- PROPOSED STREET LIGHT 2" CONDUITS (UNLESS OTHERWISE NOTED)
- PROPOSED 120/240V 1PH METER
- PROPOSED LIGHT FIXTURE



PROPOSED LOCATION (A)



PROPOSED LOCATION (B)

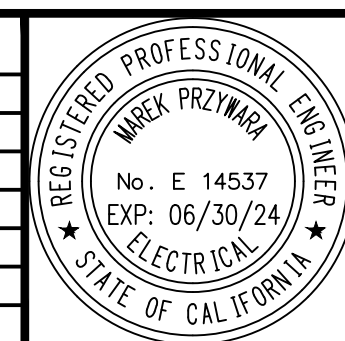


PROPOSED LOCATION (C)

CONSTRUCTION NOTES		QTY
①	INSTALL NON-REMOVABLE BOLLARD PROTECTION AT THIS LOCATION PER DETAIL 2, SHEET 5.	8 EA
②	FURNISH AND INSTALL NEW MEUG16 (CALTRANS TYPE III-BF) METER PEDESTAL PER CALTRANS STD. DWG. ES-2E ON SHEET 3.	4 EA
③	FURNISH AND INSTALL STREET LIGHT POLES WITH THE FOLLOWING. CONSTRUCT STREET LIGHT POLE FOUNDATION PER DETAIL 4, SHEET 5. POLE LOCATIONS MARKED AND APPROVED BY THE CITY, PRIOR TO INSTALLATION:	--
	POLE - VALMONT FL210 IN SCL 16 WITH 8FT VALMONT ALHAMBRA ALUMINUM ARMS PER SHEET 4	24 EA
	LUMINAIRE - KING K728 AURORA JR. LED PER SHEET 4	24 EA
④	2" C - 2#10, 1#10G, PER CIRCUIT, PER DETAIL 5, SHEET 5	--
	CONSTRUCT 2" SCH 80 PVC CITY STREET LIGHT CONDUIT IN CITY AND SOUTHERN CALIFORNIA EDISON (SCE) JOINT TRENCH PER DETAIL 5, SHEET 5	8250 LF
	PROVIDE #10 AWG, THWN OR XHHW COPPER CONDUCTOR	32100 LF
⑤	FURNISH AND INSTALL NO. 5 PULLBOX (CHRISTY CONCRETE PRODUCT, MODEL NUMBERS FL30 AND FL30D) PER DETAIL 3, SHEET 5	--
⑥	CONSTRUCT 2" SCH 80 PVC SPARE CONDUIT IN SCE JOINT TRENCH PER DETAIL 5, SHEET 5	8250 LF
⑦	INSTALL NEW STREET LIGHT 3 FT. FROM EXISTING PCC CURB. INSTALL BOLLARDS AS INDICATED ON PLANS	2 EA
⑧	PROVIDE #6 GND. COPPER	24 EA
⑨	PROVIDE 3/4"x10FT COPPER-CLAD STEEL GROUND ROD.	24 EA
⑩	PROVIDE 20' POLE FOR THE INTERSECTION OF CATALINA AND PEARL ST AS INDICATED ON SHEET 4.	1 EA
DISPOSITION NOTES		QTY
①	AC CURB BY OTHERS	--
②	MAINTAIN MINIMAL RADIAL CLEARANCE OF 3-FT FROM EXISTING FIRE HYDRANT	--
③	NEW AC CURB IS NOT REQUIRED	--
④	EXISTING AC CURB	--
⑤	KEEP EXISTING BOLLARDS AND REPAINT	--
⑥	CONDUIT ROUTING IS SHOWN AS DIAGRAMMATIC AND FOR REFERENCE ONLY. CONTRACTOR TO PROVIDE ADDITIONAL PULL BOXES AND HANDHOLES AS NEEDED TO NOT EXCEED NEC PULLING REQUIREMENTS.	--



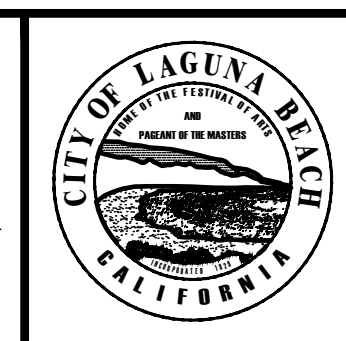
REVISIONS				
NO.	DATE	DESCRIPTION	APP'D	DATE



PREPARED BY:
Mark A. Trestik 14537 11/10/2022
 FIRST LAST, LICENSE DATE

REVIEWED FOR D.R.B. CONFORMANCE BY:
 PIERRE SAWAYA, PROJECT MANAGER DATE
 RECOMMENDED BY: CAPITAL PROGRAM MANAGER
 THOMAS PEREZ, P.E. DATE

APPROVED BY:
 MARK A. TRESTIK, P.E., RCE 53708 DATE
 CITY ENGINEER



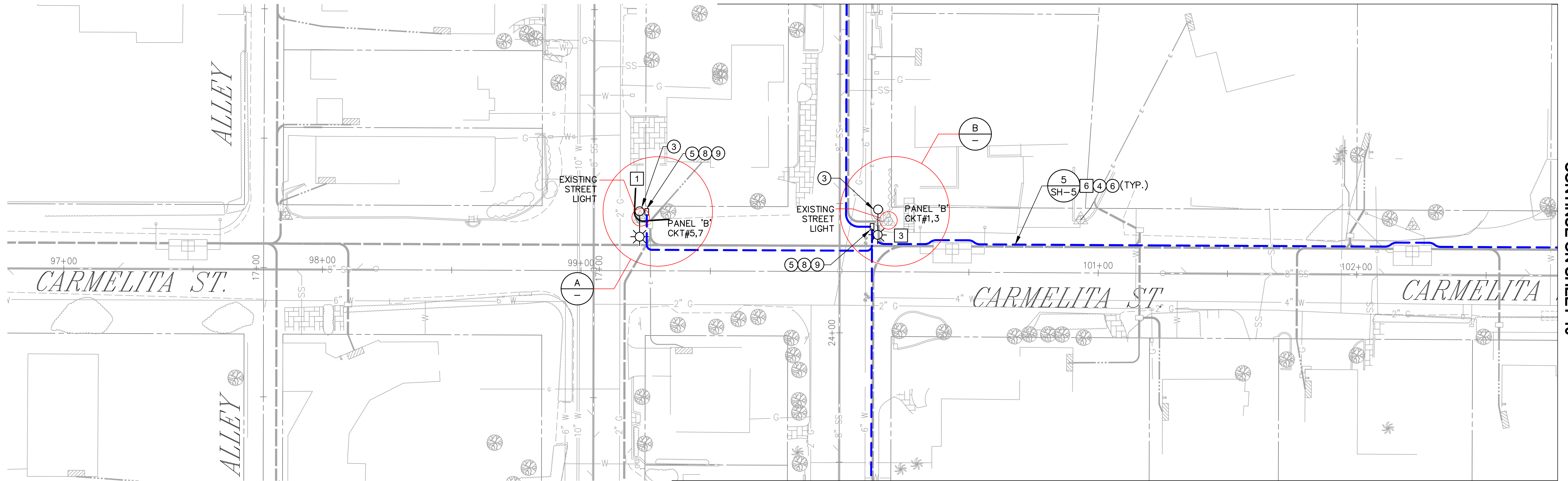
CITY OF LAGUNA BEACH
 PUBLIC WORKS DEPARTMENT
WOODS COVE STREET LIGHT-AD2014-2
 SANTA CRUZ & AGATE

SHEET
8
 OF
17
 AD 2014-2

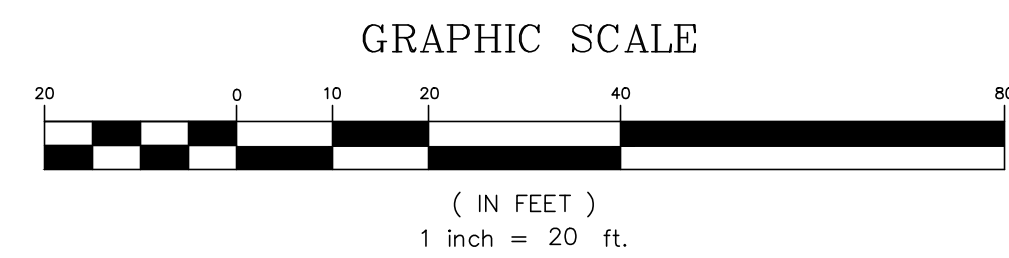
AD 2014-2 WOODS COVE STREET LIGHT

CONTINUE ON SHEET 10

CONTINUE ON SHEET 10



CONTINUE ON SHEET 11

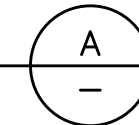


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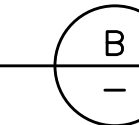
- SCE PRIMARY LINES (NOT IN CONTRACT)
- SCE SECONDARY LINES (NOT IN CONTRACT)
- SCE SECONDARY SERVICE LINES (NOT IN CONTRACT)
- PROPOSED STREET LIGHT 2" CONDUITS (UNLESS OTHERWISE NOTED)
- PROPOSED 120/240V 1PH METER
- ☉ PROPOSED LIGHT FIXTURE



PROPOSED LOCATION
CARMELITA ST. & FLORA ST.



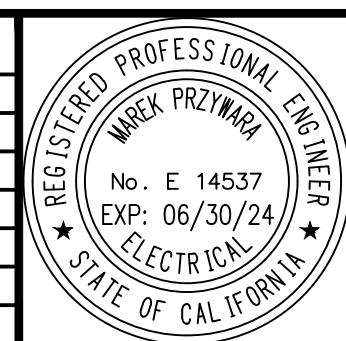
PROPOSED LOCATION
CARMELITA ST. & PEARL ST.



CONSTRUCTION NOTES	QTY
① INSTALL NON-REMOVABLE BOLLARD PROTECTION AT THIS LOCATION PER DETAIL 2, SHEET 5.	8 EA
② FURNISH AND INSTALL NEW MEUG16 (CALTRANS TYPE III-BF) METER PEDESTAL PER CALTRANS STD. DWG. ES-2E ON SHEET 3.	4 EA
③ FURNISH AND INSTALL STREET LIGHT POLES WITH THE FOLLOWING. CONSTRUCT STREET LIGHT POLE FOUNDATION PER DETAIL 4, SHEET 5. POLE LOCATIONS MARKED AND APPROVED BY THE CITY, PRIOR TO INSTALLATION: POLE - VALMONT FL210 IN SCL 16 WITH 8FT VALMONT ALHAMBRA ALUMINUM ARMS PER SHEET 4 LUMINAIRE - KING K728 AURORA JR. LED PER SHEET 4	24 EA
④ 2" C - 2#10, 1#10G, PER CIRCUIT, PER DETAIL 5, SHEET 5	8250 LF
CONSTRUCT 2" SCH 80 PVC CITY STREET LIGHT CONDUIT IN CITY AND SOUTHERN CALIFORNIA EDISON (SCE) JOINT TRENCH PER DETAIL 5, SHEET 5	32100 LF
PROVIDE #10 AWG, THWN OR XHHW COPPER CONDUCTOR	---
⑤ FURNISH AND INSTALL NO. 5 PULLBOX (CHRISTY CONCRETE PRODUCT, MODEL NUMBERS FL30 AND FL30D) PER DETAIL 3, SHEET 5	8250 LF
⑥ CONSTRUCT 2" SCH 80 PVC SPARE CONDUIT IN SCE JOINT TRENCH PER DETAIL 5, SHEET 5	2 EA
⑦ INSTALL NEW STREET LIGHT 3 FT. FROM EXISTING PCC CURB. INSTALL BOLLARDS AS INDICATED ON PLANS	24 EA
⑧ PROVIDE #6 GND. COPPER	24 EA
⑨ PROVIDE 3/4"x10FT COPPER-CLAD STEEL GROUND ROD.	1 EA
⑩ PROVIDE 20' POLE FOR THE INTERSECTION OF CATALINA AND PEARL ST AS INDICATED ON SHEET 4.	---
DISPOSITION NOTES	QTY
① AC CURB BY OTHERS	---
② MAINTAIN MINIMAL RADIAL CLEARANCE OF 3-FT FROM EXISTING FIRE HYDRANT	---
③ NEW AC CURB IS NOT REQUIRED	---
④ EXISTING AC CURB	---
⑤ KEEP EXISTING BOLLARDS AND REPAIR	---
⑥ CONDUIT ROUTING IS SHOWN AS DIAGRAMMATIC AND FOR REFERENCE ONLY. CONTRACTOR TO PROVIDE ADDITIONAL PULL BOXES AND HANDHOLES AS NEEDED TO NOT EXCEED NEC PULLING REQUIREMENTS.	---



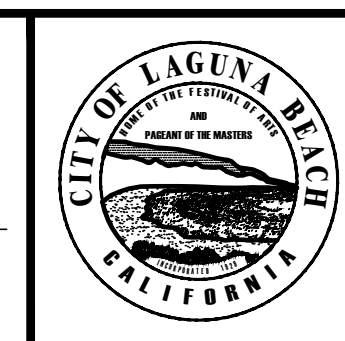
REVISIONS				
NO.	DATE	DESCRIPTION	APP'D	DATE



PREPARED BY:
Mark Prizman 14537 11/10/2022
FIRST LAST, LICENSE DATE

REVIEWED FOR D.R.B. CONFORMANCE BY:
PIERRE SAWAYA, PROJECT MANAGER DATE
RECOMMENDED BY: CAPITAL PROGRAM MANAGER
THOMAS PEREZ, P.E. DATE

APPROVED BY:
MARK A. TRESTIK, P.E., RCE 53708 DATE
CITY ENGINEER

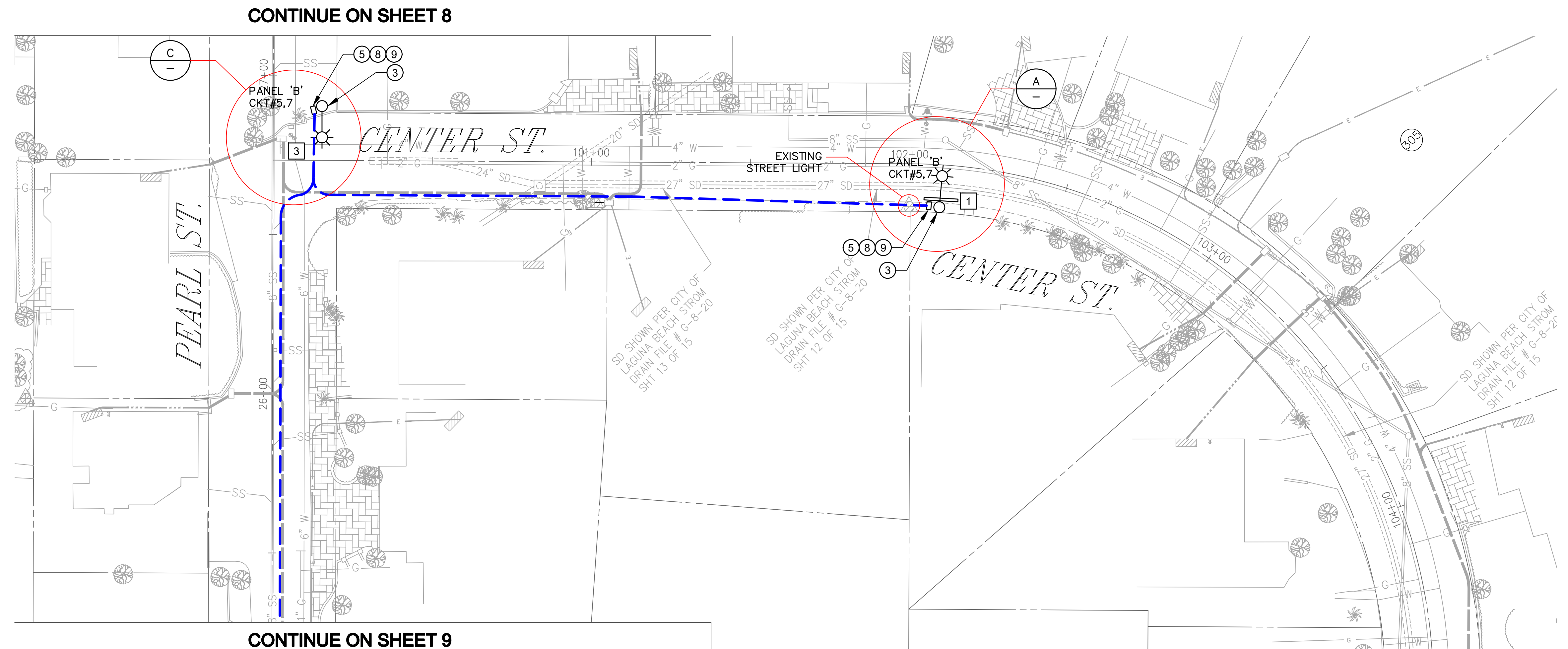


CITY OF LAGUNA BEACH
PUBLIC WORKS DEPARTMENT
WOODS COVE STREET LIGHT-AD2014-2
CARMELITA & FLORA

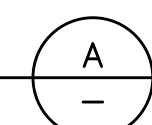
SHEET
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AD 2014-2 WOODS COVE STREET LIGHT

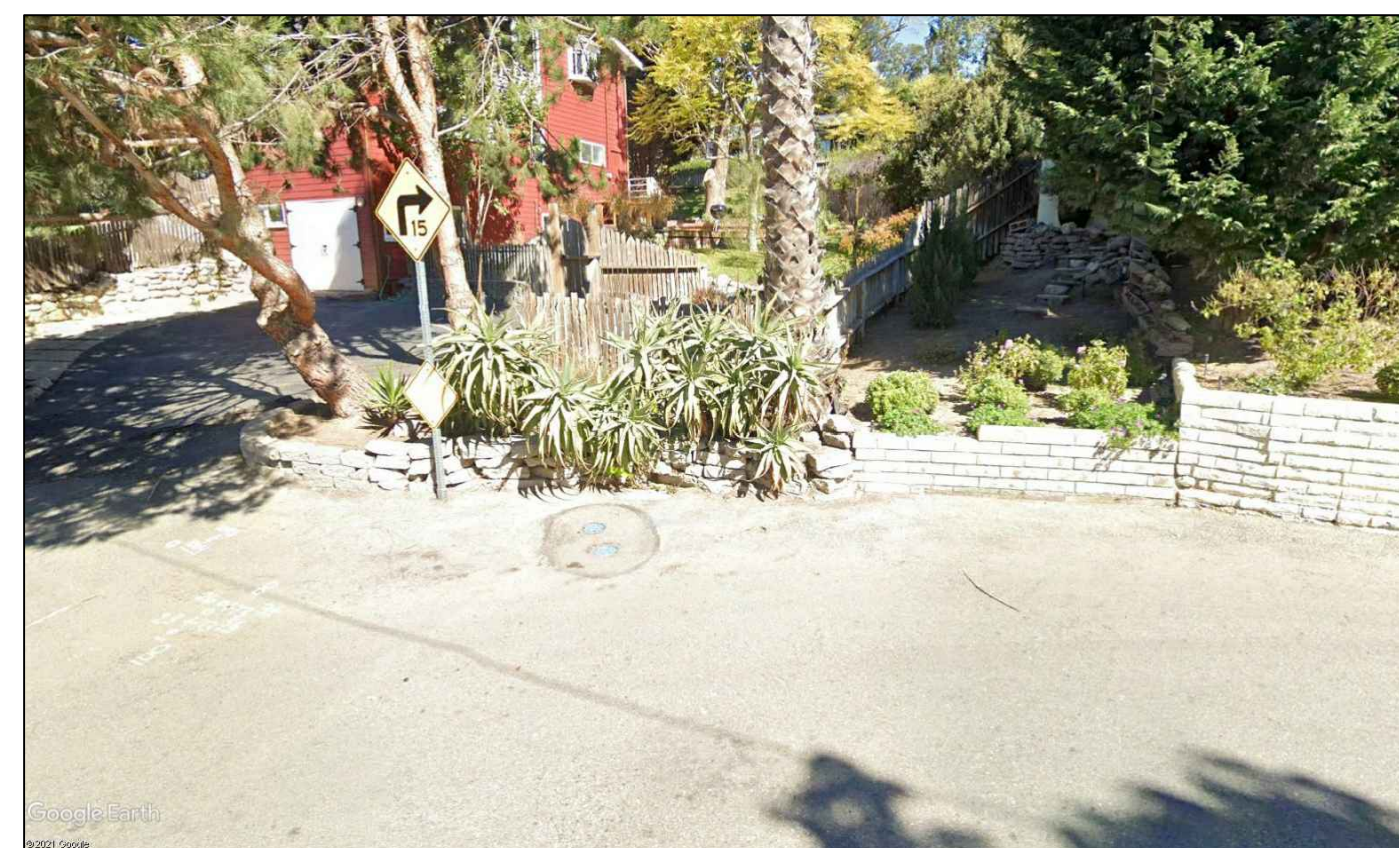
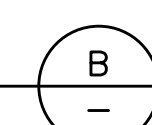
CONSTRUCTION NOTES		QTY
1	INSTALL NON-REMOVABLE BOLLARD PROTECTION AT THIS LOCATION PER DETAIL 2, SHEET 5.	8 EA
2	FURNISH AND INSTALL NEW MEUG16 (CALTRANS TYPE III-BF) METER PEDESTAL PER CALTRANS STD. DWG. ES-2E ON SHEET 3.	4 EA
3	FURNISH AND INSTALL STREET LIGHT POLES WITH THE FOLLOWING. CONSTRUCT STREET LIGHT POLE FOUNDATION PER DETAIL 4, SHEET 5. POLE LOCATIONS MARKED AND APPROVED BY THE CITY, PRIOR TO INSTALLATION:	--
	POLE - VALMONT FL210 IN SCL 16 WITH 8FT VALMONT ALHAMBRA ALUMINUM ARMS PER SHEET 4	24 EA
	LUMINAIRE - KING K728 AURORA JR. LED PER SHEET 4	24 EA
4	2" C - 2#10, 1#10G, PER CIRCUIT, PER DETAIL 5, SHEET 5	--
	CONSTRUCT 2" SCH 80 PVC CITY STREET LIGHT CONDUIT IN CITY AND SOUTHERN CALIFORNIA EDISON (SCE) JOINT TRENCH PER DETAIL 5, SHEET 5	8250 LF
	PROVIDE #10 AWG, THWN OR XHHW COPPER CONDUCTOR	32100 LF
5	FURNISH AND INSTALL NO. 5 PULLBOX (CHRISTY CONCRETE PRODUCT, MODEL NUMBERS FL30 AND FL30D) PER DETAIL 3, SHEET 5	--
6	CONSTRUCT 2" SCH 80 PVC SPARE CONDUIT IN SCE JOINT TRENCH PER DETAIL 5, SHEET 5	8250 LF
7	INSTALL NEW STREET LIGHT 3 FT. FROM EXISTING PCC CURB. INSTALL BOLLARDS AS INDICATED ON PLANS	2 EA
8	PROVIDE #6 GND. COPPER	24 EA
9	PROVIDE 3/4"x10FT COPPER-CLAD STEEL GROUND ROD.	24 EA
10	PROVIDE 20' POLE FOR THE INTERSECTION OF CATALINA AND PEARL ST AS INDICATED ON SHEET 4.	1 EA
DISPOSITION NOTES		QTY
1	AC CURB BY OTHERS	--
2	MAINTAIN MINIMAL RADIAL CLEARANCE OF 3-FT FROM EXISTING FIRE HYDRANT	--
3	NEW AC CURB IS NOT REQUIRED	--
4	EXISTING AC CURB	--
5	KEEP EXISTING BOLLARDS AND REPAINT	--
6	CONDUIT ROUTING IS SHOWN AS DIAGRAMMATIC AND FOR REFERENCE ONLY. CONTRACTOR TO PROVIDE ADDITIONAL PULL BOXES AND HANDHOLES AS NEEDED TO NOT EXCEED NEC PULLING REQUIREMENTS.	--



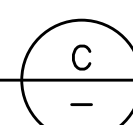
PROPOSED LOCATION
CENTER ST.



PROPOSED LOCATION
CARMELITA ST. & CENTER ST.



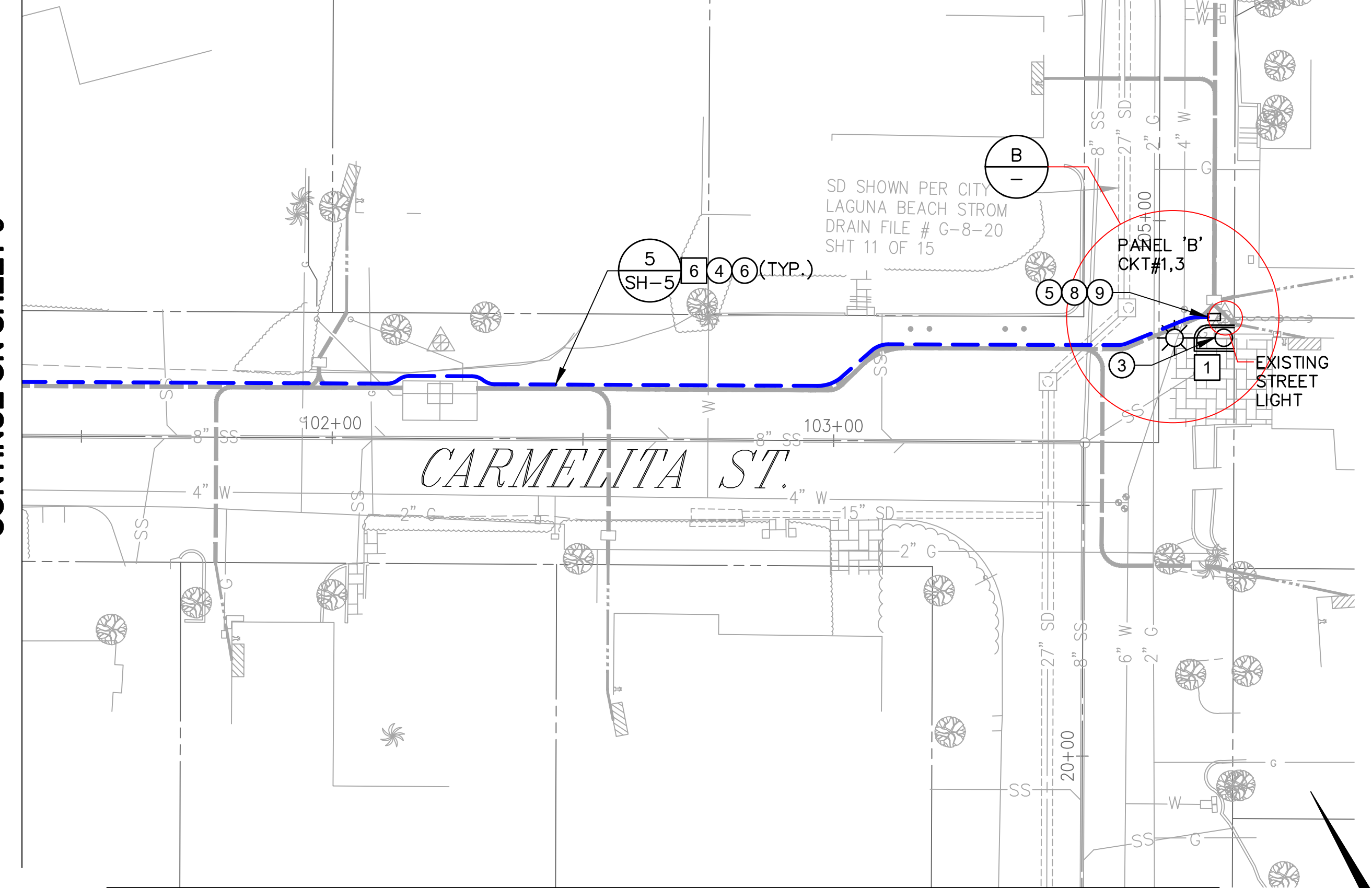
PROPOSED LOCATION
PEARL ST. & CENTER ST.



LEGEND:

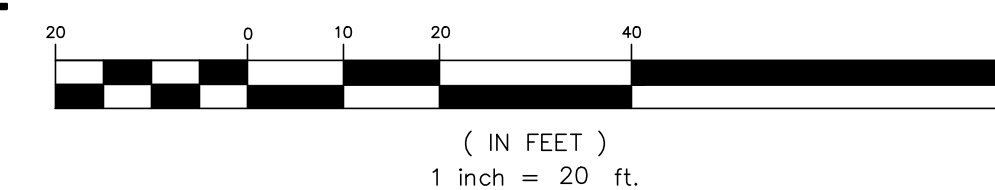
- SCE PRIMARY LINES (NOT IN CONTRACT)
- SCE SECONDARY LINES (NOT IN CONTRACT)
- SCE SECONDARY SERVICE LINES (NOT IN CONTRACT)
- PROPOSED STREET LIGHT 2" CONDUITS (UNLESS OTHERWISE NOTED)
- PROPOSED 120/240V 1PH METER
- ☉ PROPOSED LIGHT FIXTURE

CONTINUE ON SHEET 9



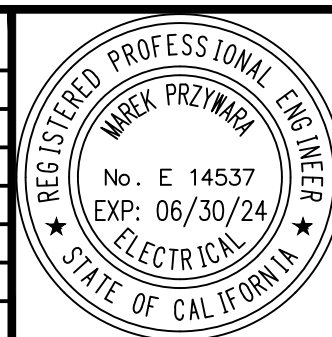
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GRAPHIC SCALE



REVISIONS

NO.	DATE	DESCRIPTION	APP'D	DATE



PREPARED BY:

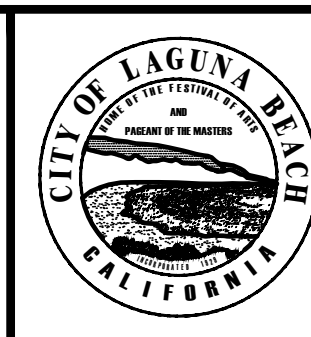
Mark A. Trestik 14537 11/10/2022
FIRST LAST, LICENSE DATE

REVIEWED FOR D.R.B. CONFORMANCE BY:

PIERRE SAWAYA, PROJECT MANAGER DATE
RECOMMENDED BY: CAPITAL PROGRAM MANAGER
THOMAS PEREZ, P.E. DATE

APPROVED BY:

MARK A. TRESTIK, P.E., RCE 53708 DATE
CITY ENGINEER

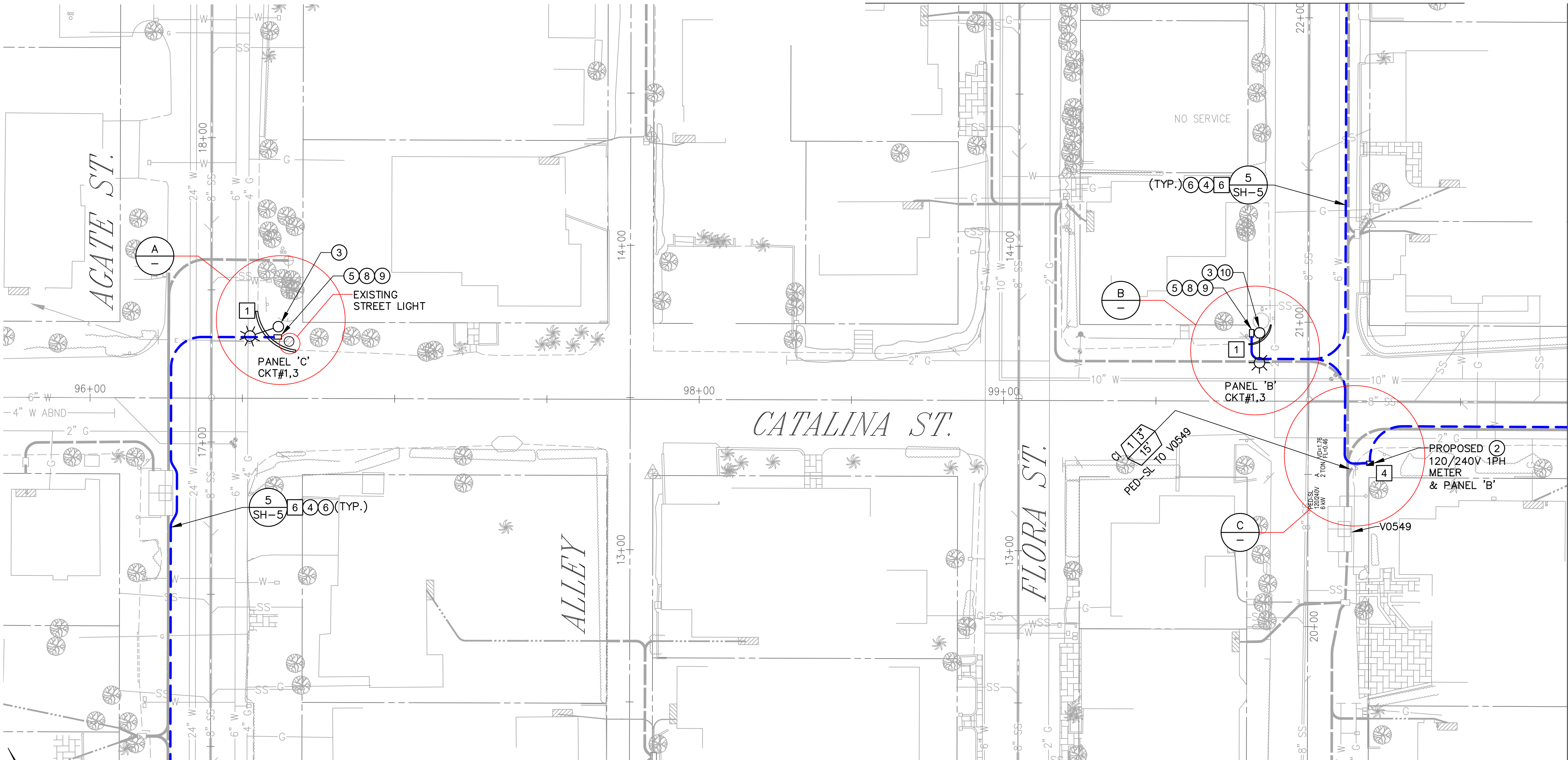


CITY OF LAGUNA BEACH
PUBLIC WORKS DEPARTMENT
WOODS COVE STREET LIGHT-AD2014-2
CARMELITA & CENTER

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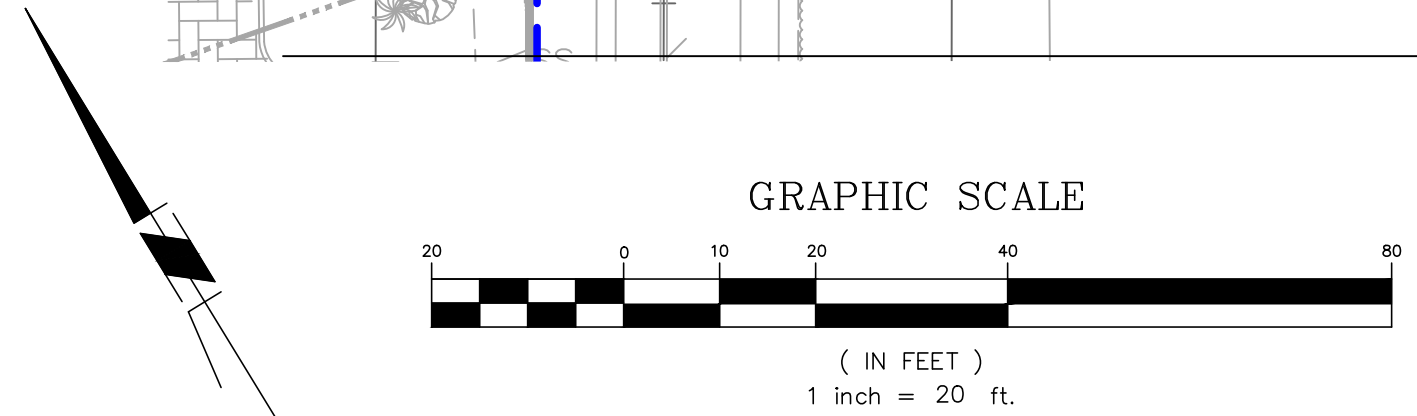
AD 2014-2 WOODS COVE STREET LIGHT

CONSTRUCTION NOTES		QTY
1	INSTALL NON-REMOVABLE BOLLARD PROTECTION AT THIS LOCATION PER DETAIL 2, SHEET 5.	8 EA
2	FURNISH AND INSTALL NEW MEUG16 (CALTRANS TYPE 111-BF) METER PEDESTAL PER CALTRANS STD. DWG. ES-2E ON SHEET 3.	4 EA
3	FURNISH AND INSTALL STREET LIGHT POLES WITH THE FOLLOWING. CONSTRUCT STREET LIGHT POLE FOUNDATION PER DETAIL 4, SHEET 5. POLE LOCATIONS MARKED AND APPROVED BY THE CITY, PRIOR TO INSTALLATION: POLE - VALMONT FL210 IN SCL 16 WITH 8FT VALMONT ALHAMBRA ALUMINUM ARMS PER SHEET 4	24 EA
	LUMINAIRE - KING K728 AURORA JR. LED PER SHEET 4	24 EA
4	2" C - 2#10, 1#10G, PER CIRCUIT, PER DETAIL 5, SHEET 5	--
	CONSTRUCT 2" SCH 80 PVC CITY STREET LIGHT CONDUIT IN CITY AND SOUTHERN CALIFORNIA EDISON (SCE) JOINT TRENCH PER DETAIL 5, SHEET 5	8250 LF
	PROVIDE #10 AWG, THWN OR XHHW COPPER CONDUCTOR	32100 LF
5	FURNISH AND INSTALL NO. 5 PULLBOX (CHRISTY CONCRETE PRODUCT, MODEL NUMBERS FL30 AND FL30D) PER DETAIL 3, SHEET 5	--
6	CONSTRUCT 2" SCH 80 PVC SPARE CONDUIT IN SCE JOINT TRENCH PER DETAIL 5, SHEET 5	8250 LF
7	INSTALL NEW STREET LIGHT 3 FT. FROM EXISTING PCC CURB. INSTALL BOLLARDS AS INDICATED ON PLANS	2 EA
8	PROVIDE #6 GND. COPPER	24 EA
9	PROVIDE 3/4"x10FT COPPER-CLAD STEEL GROUND ROD.	24 EA
10	PROVIDE 20" POLE FOR THE INTERSECTION OF CATALINA AND PEARL ST AS INDICATED ON SHEET 4.	1 EA
DISPOSITION NOTES		QTY
1	AC CURB BY OTHERS	--
2	MAINTAIN MINIMAL RADIAL CLEARANCE OF 3-FT FROM EXISTING FIRE HYDRANT	--
3	NEW AC CURB IS NOT REQUIRED	--
4	EXISTING AC CURB	--
5	KEEP EXISTING BOLLARDS AND REPAINT	--
6	CONDUIT ROUTING IS SHOWN AS DIAGRAMMATIC AND FOR REFERENCE ONLY. CONTRACTOR TO PROVIDE ADDITIONAL PULL BOXES AND HANDHOLES AS NEEDED TO NOT EXCEED NEC PULLING REQUIREMENTS.	--



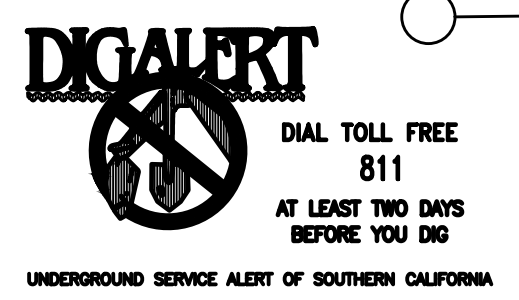
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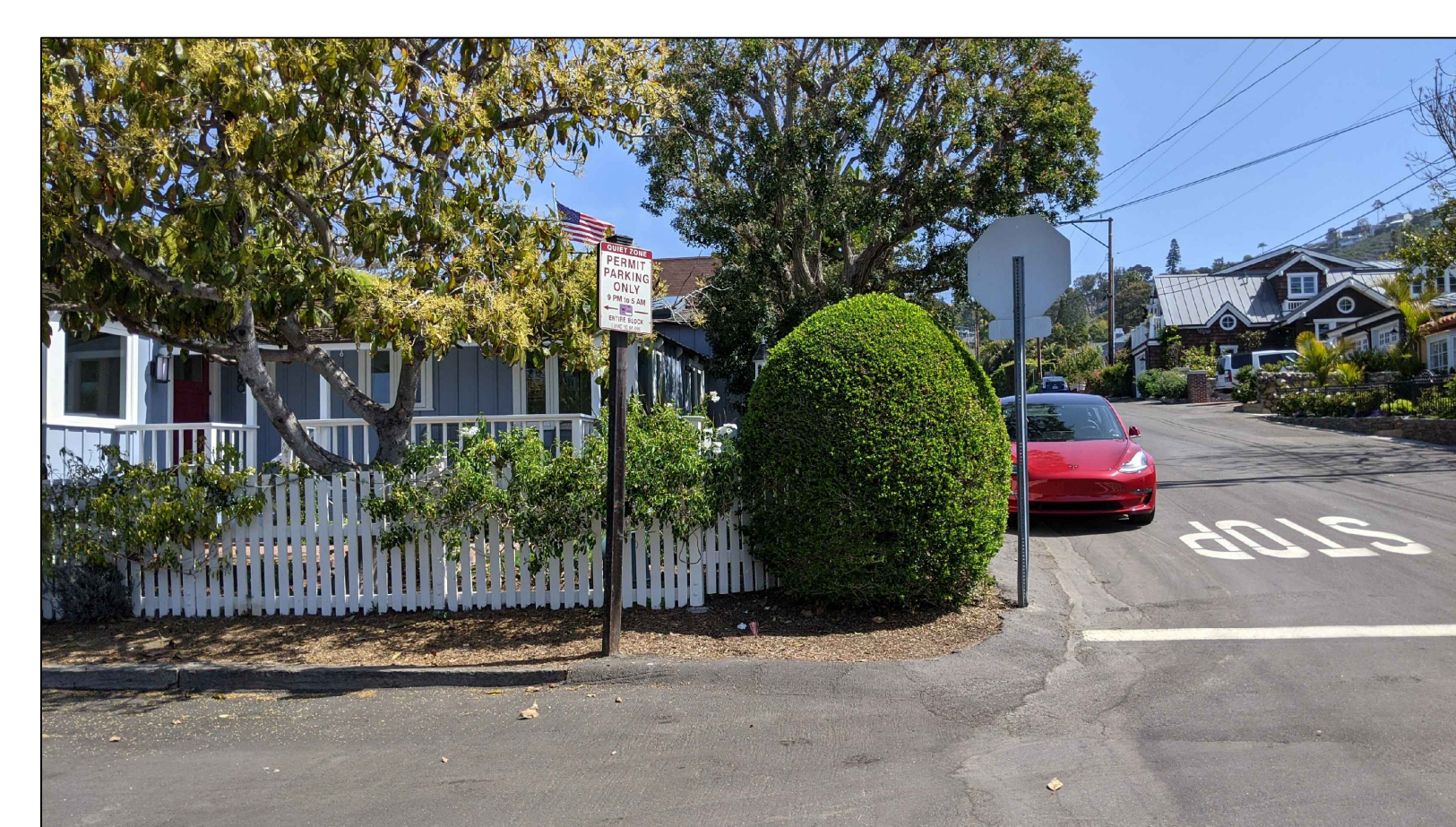


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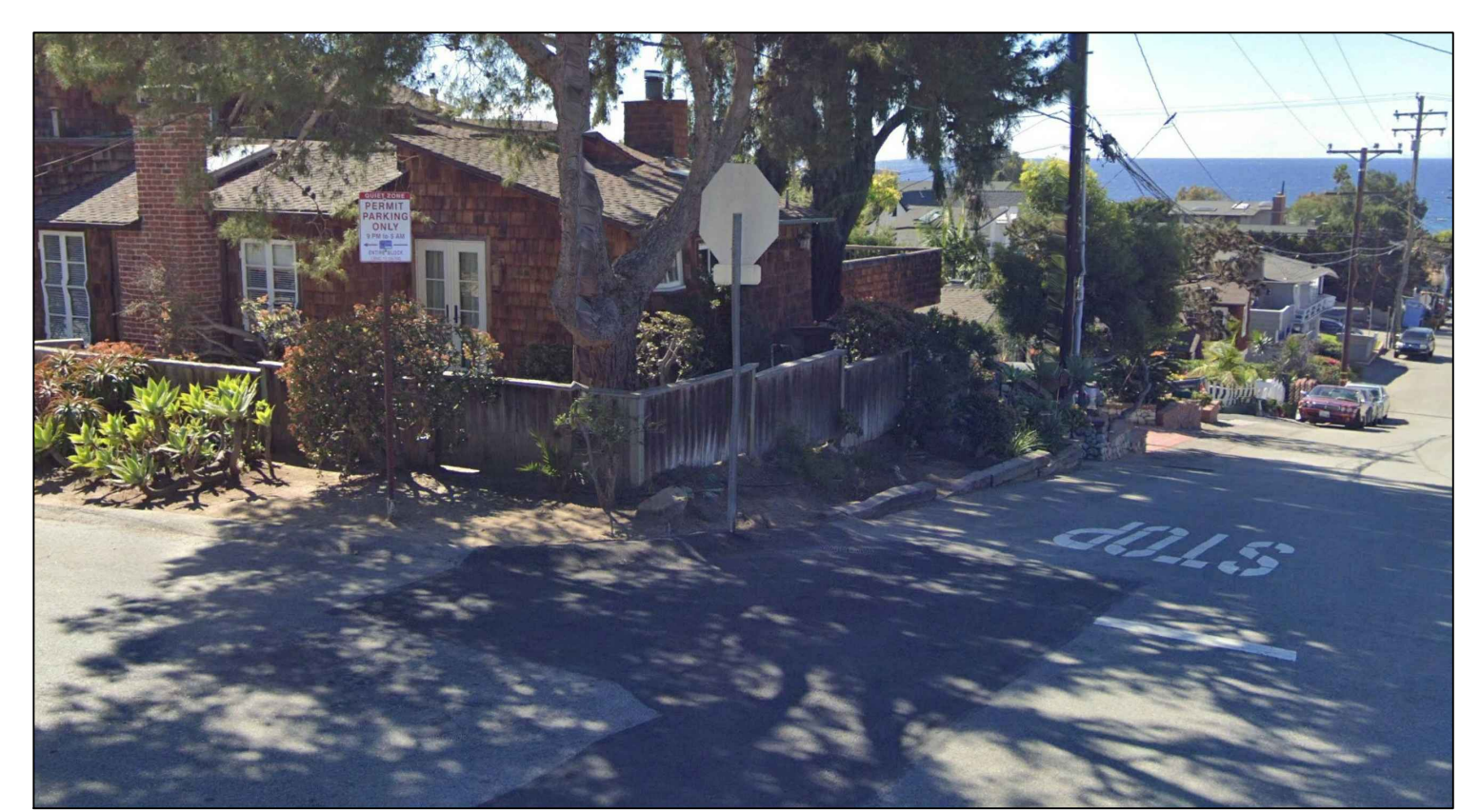
- SCE PRIMARY LINES (NOT IN CONTRACT)
- SCE SECONDARY LINES (NOT IN CONTRACT)
- SCE SECONDARY SERVICE LINES (NOT IN CONTRACT)
- PROPOSED STREET LIGHT 2" CONDUITS (UNLESS OTHERWISE NOTED)
- PROPOSED 120/240V 1PH METER
- PROPOSED LIGHT FIXTURE



PROPOSED LOCATION
CATALINA ST. & AGATE ST. (A)



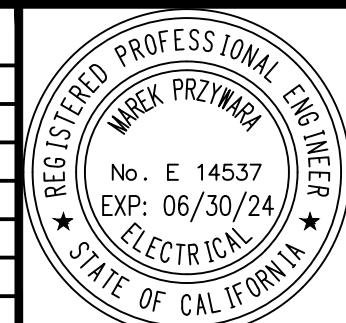
PROPOSED LOCATION
CATALINA ST. & PEARL ST. (B)



PROPOSED PEDESTAL LOCATION
CATALINA ST. & PEARL ST. (C)

AD 2014-2 WOODS COVE STREET LIGHT

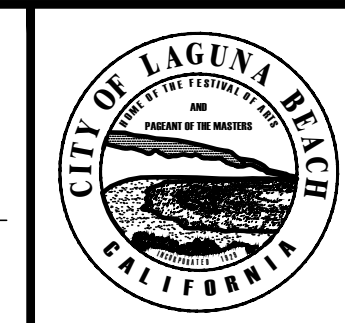
REVISIONS				
NO.	DATE	DESCRIPTION	APP'D	DATE



PREPARED BY:
Mark A. Trestik
14537 11/10/2022
FIRST LAST, LICENSE DATE

REVIEWED FOR D.R.B. CONFORMANCE BY:
PIERRE SAWAYA, PROJECT MANAGER DATE
RECOMMENDED BY: CAPITAL PROGRAM MANAGER
THOMAS PEREZ, P.E. DATE

APPROVED BY:
MARK A. TRESTIK, P.E., RCE 53708
CITY ENGINEER DATE



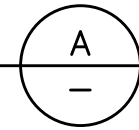
CITY OF LAGUNA BEACH
PUBLIC WORKS DEPARTMENT
WOODS COVE STREET LIGHT-AD2014-2
CATALINA & AGATE

SHEET
11
OF
17
AD 2014-2



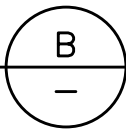
PROPOSED LOCATION

CENTER ST. (BETWEEN CARMELITA & CATALINA)



PROPOSED LOCATION

CATALINA ST. & CENTER ST.

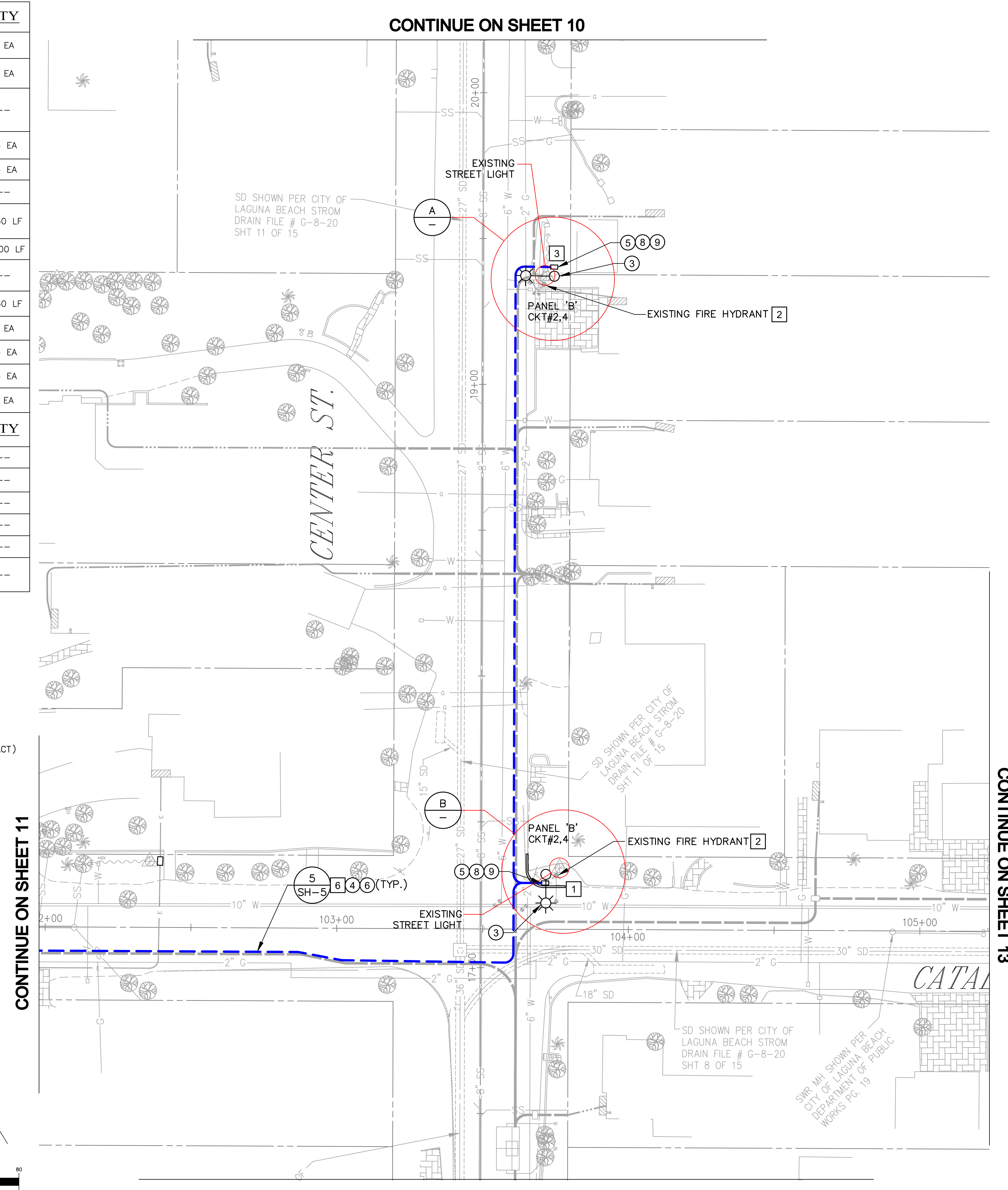
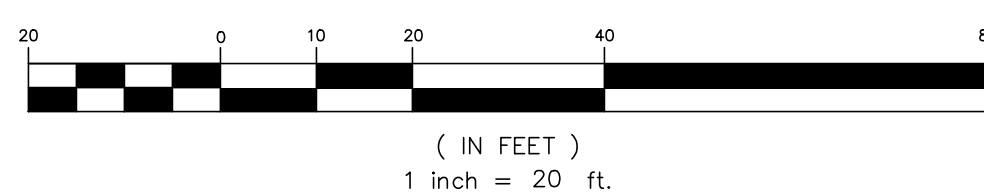


CONSTRUCTION NOTES		QTY
1	INSTALL NON-REMOVABLE BOLLARD PROTECTION AT THIS LOCATION PER DETAIL 2, SHEET 5.	8 EA
2	FURNISH AND INSTALL NEW MEUG16 (CALTRANS TYPE III-BF) METER PEDESTAL PER CALTRANS STD. DWG. ES-2E ON SHEET 3.	4 EA
3	FURNISH AND INSTALL STREET LIGHT POLES WITH THE FOLLOWING. CONSTRUCT STREET LIGHT POLE FOUNDATION PER DETAIL 4, SHEET 5. POLE LOCATIONS MARKED AND APPROVED BY THE CITY, PRIOR TO INSTALLATION: POLE - VALMONT FL210 IN SCL 16 WITH 8FT VALMONT ALHAMBRA ALUMINUM ARMS PER SHEET 4 LUMINAIRE - KING K728 AURORA JR. LED PER SHEET 4	--
4	2" C - 2#10, 1#10G, PER CIRCUIT, PER DETAIL 5, SHEET 5	--
	CONSTRUCT 2" SCH 80 PVC CITY STREET LIGHT CONDUIT IN CITY AND SOUTHERN CALIFORNIA EDISON (SCE) JOINT TRENCH PER DETAIL 5, SHEET 5	8250 LF
	PROVIDE #10 AWG, THWN OR XHHW COPPER CONDUCTOR	32100 LF
5	FURNISH AND INSTALL NO. 5 PULLBOX (CHRISTY CONCRETE PRODUCT, MODEL NUMBERS FL30 AND FL30D) PER DETAIL 3, SHEET 5	--
6	CONSTRUCT 2" SCH 80 PVC SPARE CONDUIT IN SCE JOINT TRENCH PER DETAIL 5, SHEET 5	8250 LF
7	INSTALL NEW STREET LIGHT 3 FT. FROM EXISTING PCC CURB. INSTALL BOLLARDS AS INDICATED ON PLANS	2 EA
8	PROVIDE #6 GND. COPPER	24 EA
9	PROVIDE 3/4" x 10FT COPPER-CLAD STEEL GROUND ROD.	24 EA
10	PROVIDE 20' POLE FOR THE INTERSECTION OF CATALINA AND PEARL ST AS INDICATED ON SHEET 4.	1 EA
DISPOSITION NOTES		QTY
1	AC CURB BY OTHERS	--
2	MAINTAIN MINIMAL RADIAL CLEARANCE OF 3-FT FROM EXISTING FIRE HYDRANT	--
3	NEW AC CURB IS NOT REQUIRED	--
4	EXISTING AC CURB	--
5	KEEP EXISTING BOLLARDS AND REPAINT	--
6	CONDUIT ROUTING IS SHOWN AS DIAGRAMMATIC AND FOR REFERENCE ONLY. CONTRACTOR TO PROVIDE ADDITIONAL PULL BOXES AND HANDHOLES AS NEEDED TO NOT EXCEED NEC PULLING REQUIREMENTS.	--

LEGEND:

- SCE PRIMARY LINES (NOT IN CONTRACT)
- SCE SECONDARY LINES (NOT IN CONTRACT)
- SCE SECONDARY SERVICE LINES (NOT IN CONTRACT)
- PROPOSED STREET LIGHT 2" CONDUITS (UNLESS OTHERWISE NOTED)
- PROPOSED 120/240V 1PH METER
- ☉ PROPOSED LIGHT FIXTURE

GRAPHIC SCALE

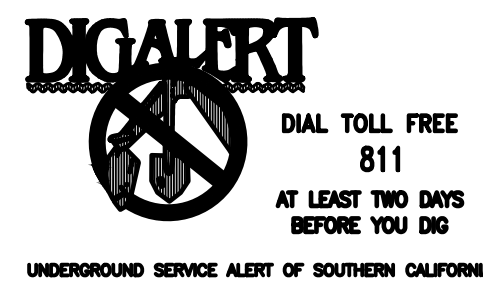


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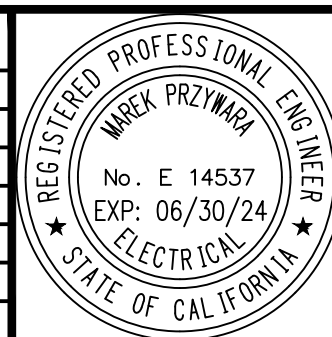
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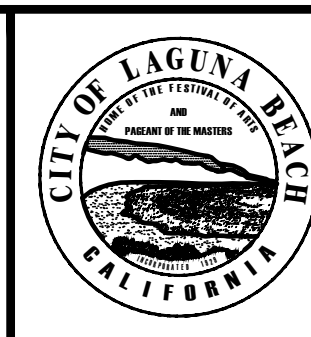
REVISIONS				
NO.	DATE	DESCRIPTION	APP'D	DATE



PREPARED BY:
Mark A. Trestik 14537 11/10/2022
 FIRST LAST, LICENSE DATE

REVIEWED FOR D.R.B. CONFORMANCE BY:
 PIERRE SAWAYA, PROJECT MANAGER DATE
 RECOMMENDED BY: CAPITAL PROGRAM MANAGER
 THOMAS PEREZ, P.E. DATE

APPROVED BY:
 MARK A. TRESTIK, P.E., RCE 53708 DATE
 CITY ENGINEER

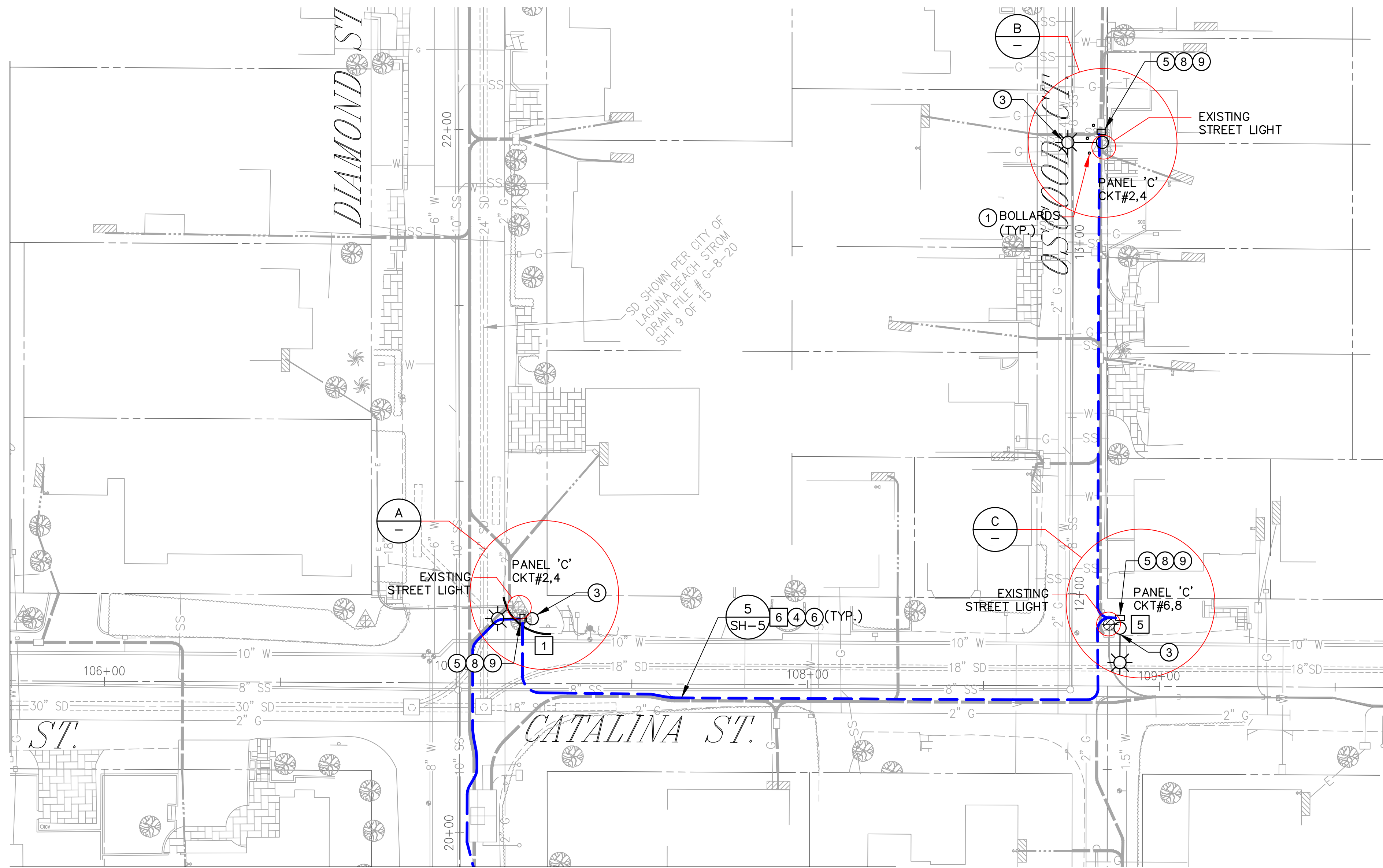


CITY OF LAGUNA BEACH
 PUBLIC WORKS DEPARTMENT
 WOODS COVE STREET LIGHT-AD2014-2
 CATALINA & CENTER

SHEET
 12
 OF
 17
 AD 2014-2

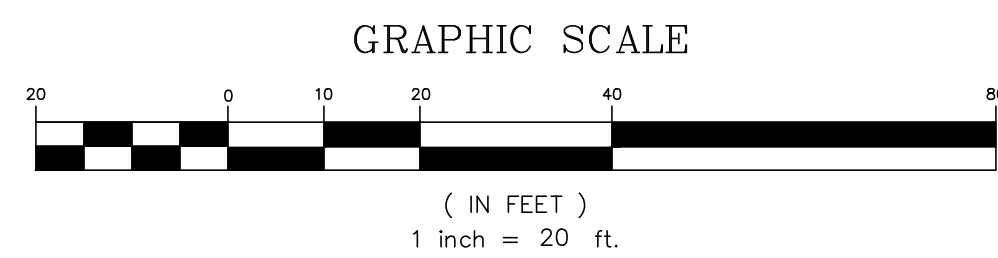
AD 2014-2 WOODS COVE STREET LIGHT

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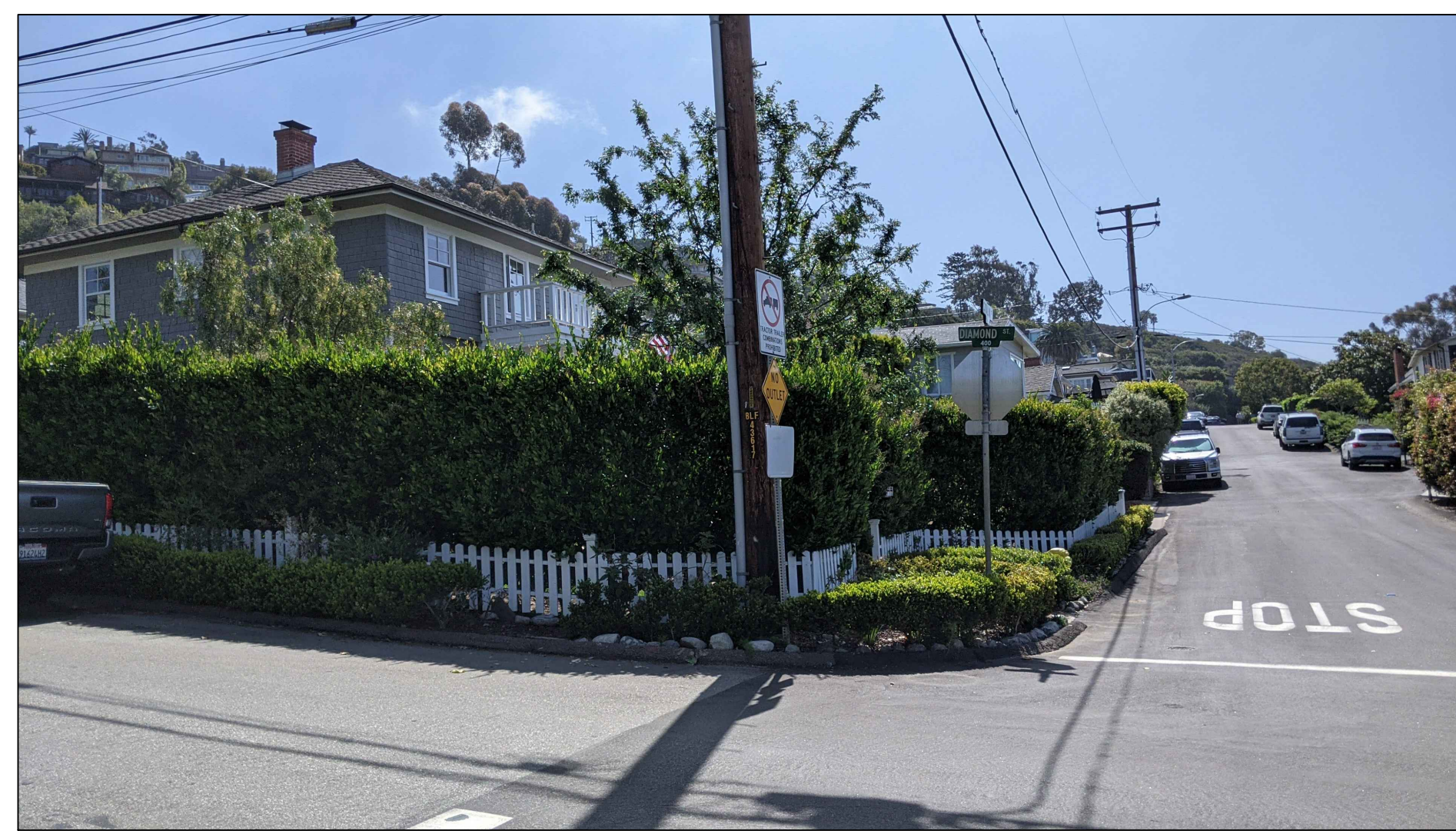


CONSTRUCTION NOTES		QTY
1	INSTALL NON-REMOVABLE BOLLARD PROTECTION AT THIS LOCATION PER DETAIL 2, SHEET 5.	8 EA
2	FURNISH AND INSTALL NEW MEUG16 (CALTRANS TYPE III-BF) METER PEDESTAL PER CALTRANS STD. DWG. ES-2E ON SHEET 3.	4 EA
3	FURNISH AND INSTALL STREET LIGHT POLES WITH THE FOLLOWING. CONSTRUCT STREET LIGHT POLE FOUNDATION PER DETAIL 4, SHEET 5. POLE LOCATIONS MARKED AND APPROVED BY THE CITY, PRIOR TO INSTALLATION:	--
	POLE - VALMONT FL210 IN SCL 16 WITH 8FT VALMONT ALHAMBRA ALUMINUM ARMS PER SHEET 4	24 EA
	LUMINAIRE - KING K728 AURORA JR. LED PER SHEET 4	24 EA
4	2" C - 2#10, 1#10G, PER CIRCUIT, PER DETAIL 5, SHEET 5	--
	CONSTRUCT 2" SCH 80 PVC CITY STREET LIGHT CONDUIT IN CITY AND SOUTHERN CALIFORNIA EDISON (SCE) JOINT TRENCH PER DETAIL 5, SHEET 5	8250 LF
	PROVIDE #10 AWG, THWN OR XHHW COPPER CONDUCTOR	32100 LF
5	FURNISH AND INSTALL NO. 5 PULLBOX (CHRISTY CONCRETE PRODUCT, MODEL NUMBERS FL30 AND FL30D) PER DETAIL 3, SHEET 5	--
6	CONSTRUCT 2" SCH 80 PVC SPARE CONDUIT IN SCE JOINT TRENCH PER DETAIL 5, SHEET 5	8250 LF
7	INSTALL NEW STREET LIGHT 3 FT. FROM EXISTING PCC CURB. INSTALL BOLLARDS AS INDICATED ON PLANS	2 EA
8	PROVIDE #6 GND. COPPER	24 EA
9	PROVIDE 3/4"x10FT COPPER-CLAD STEEL GROUND ROD.	24 EA
10	PROVIDE 20' POLE FOR THE INTERSECTION OF CATALINA AND PEARL ST AS INDICATED ON SHEET 4.	1 EA
DISPOSITION NOTES		QTY
1	AC CURB BY OTHERS	--
2	MAINTAIN MINIMAL RADIAL CLEARANCE OF 3-FT FROM EXISTING FIRE HYDRANT	--
3	NEW AC CURB IS NOT REQUIRED	--
4	EXISTING AC CURB	--
5	KEEP EXISTING BOLLARDS AND REPAINT	--
6	CONDUIT ROUTING IS SHOWN AS DIAGRAMMATIC AND FOR REFERENCE ONLY. CONTRACTOR TO PROVIDE ADDITIONAL PULL BOXES AND HANDHOLES AS NEEDED TO NOT EXCEED NEC PULLING REQUIREMENTS.	--

CONTINUE ON SHEET 15



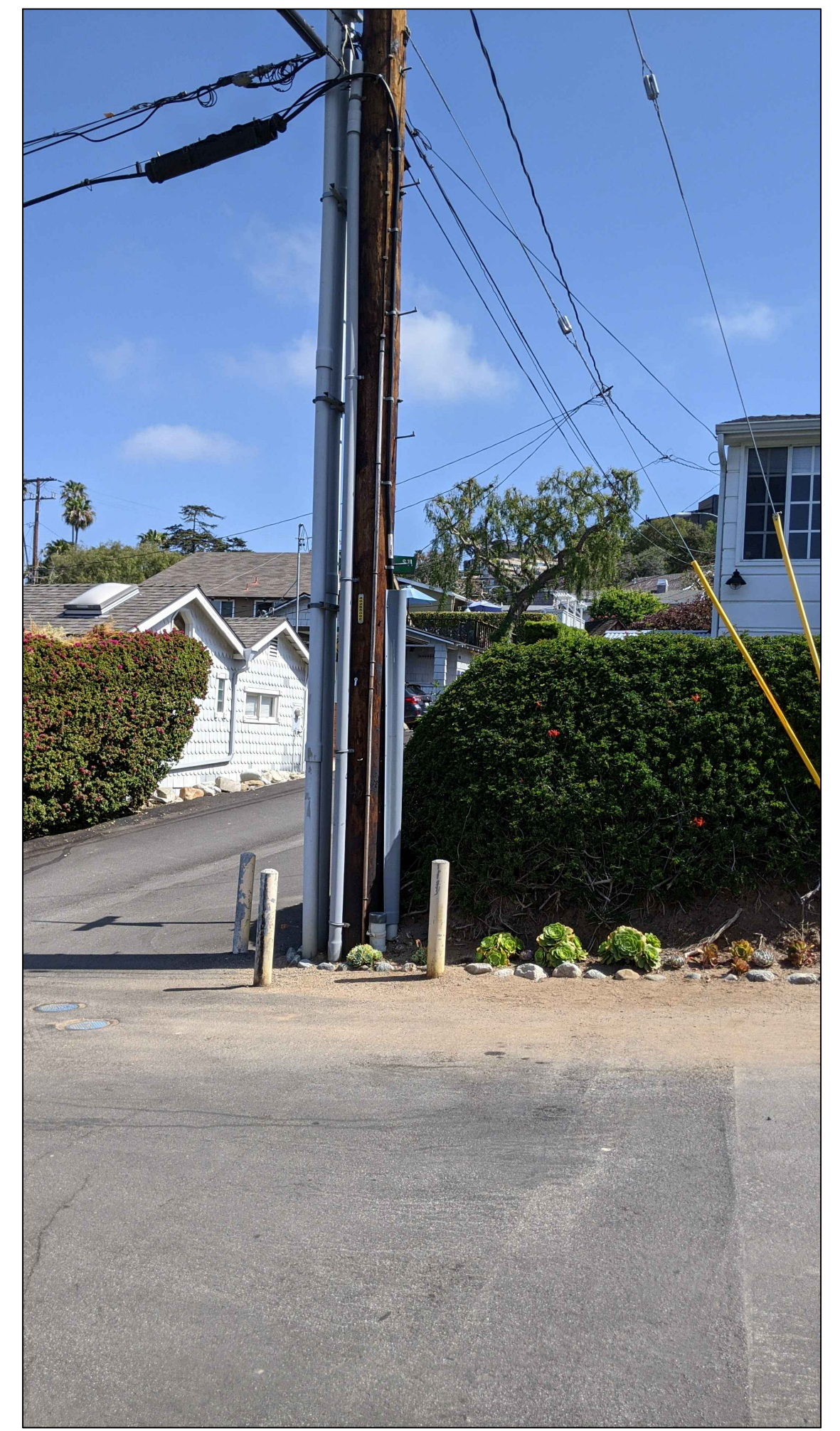
- LEGEND:**
- SCE PRIMARY LINES (NOT IN CONTRACT)
 - SCE SECONDARY LINES (NOT IN CONTRACT)
 - SCE SECONDARY SERVICE LINES (NOT IN CONTRACT)
 - PROPOSED STREET LIGHT 2" CONDUITS (UNLESS OTHERWISE NOTED)
 - PROPOSED 120/240V 1PH METER
 - PROPOSED LIGHT FIXTURE



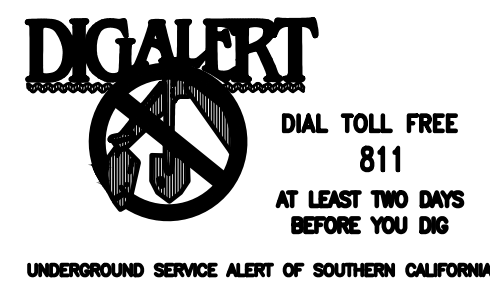
PROPOSED LOCATION A
CATALINA ST. & DIAMOND ST.



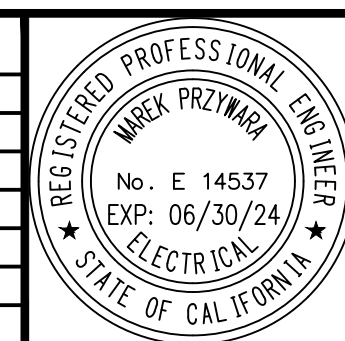
PROPOSED LOCATION B
OSGOOD CT. (NORTH OF CATALINA)



PROPOSED LOCATION C
CATALINA ST. & OSGOOD CT.



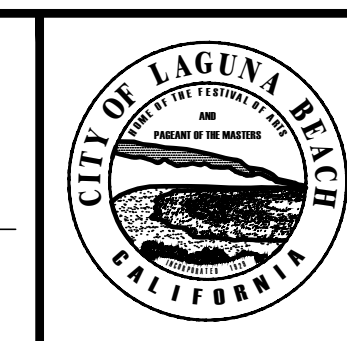
REVISIONS				
NO.	DATE	DESCRIPTION	APP'D	DATE



PREPARED BY:
Mark A. Trestik 14537 11/10/2022
FIRST LAST, LICENSE DATE

REVIEWED FOR D.R.B. CONFORMANCE BY:
PIERRE SAWAYA, PROJECT MANAGER DATE
RECOMMENDED BY: CAPITAL PROGRAM MANAGER
THOMAS PEREZ, P.E. DATE

APPROVED BY:
MARK A. TRESTIK, P.E., RCE 53708 DATE
CITY ENGINEER

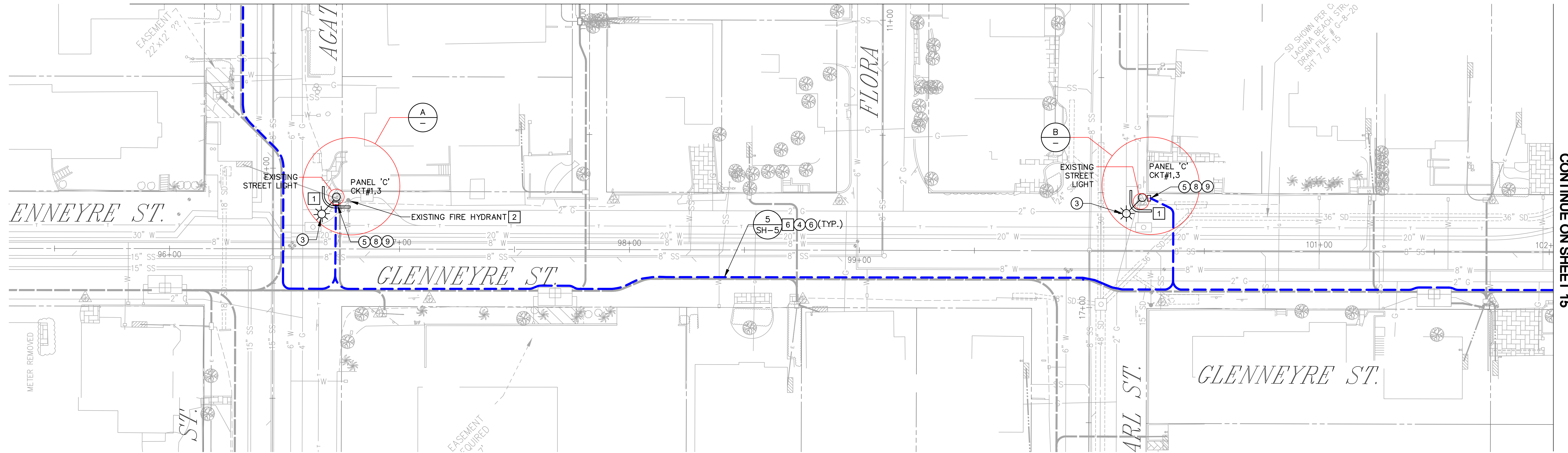


CITY OF LAGUNA BEACH
PUBLIC WORKS DEPARTMENT
WOODS COVE STREET LIGHT-AD2014-2
CATALINA & DIAMOND

SHEET
13
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17
AD 2014-2

AD 2014-2 WOODS COVE STREET LIGHT

CONTINUE ON SHEET 11

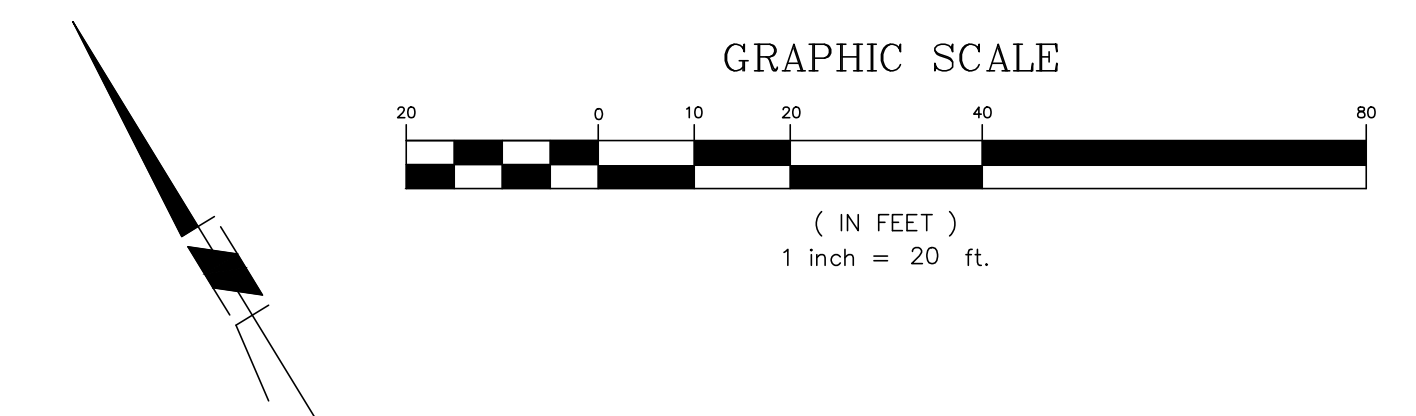


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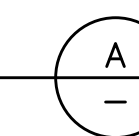
LEGEND:

- SCE PRIMARY LINES (NOT IN CONTRACT)
- SCE SECONDARY LINES (NOT IN CONTRACT)
- SCE SECONDARY SERVICE LINES (NOT IN CONTRACT)
- PROPOSED STREET LIGHT 2" CONDUITS (UNLESS OTHERWISE NOTED)
- PROPOSED 120/240V 1PH METER
- PROPOSED LIGHT FIXTURE

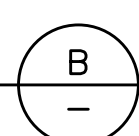
CONSTRUCTION NOTES	QTY
① INSTALL NON-REMOVABLE BOLLARD PROTECTION AT THIS LOCATION PER DETAIL 2, SHEET 5.	8 EA
② FURNISH AND INSTALL NEW MEUG16 (CALTRANS TYPE III-BF) METER PEDESTAL PER CALTRANS STD. DWG. ES-2E ON SHEET 3.	4 EA
③ FURNISH AND INSTALL STREET LIGHT POLES WITH THE FOLLOWING. CONSTRUCT STREET LIGHT POLE FOUNDATION PER DETAIL 4, SHEET 5. POLE LOCATIONS MARKED AND APPROVED BY THE CITY, PRIOR TO INSTALLATION: POLE - VALMONT FL210 IN SCL 16 WITH 8FT VALMONT ALHAMBRA ALUMINUM ARMS PER SHEET 4 LUMINAIRE - KING K728 AURORA JR. LED PER SHEET 4	--
④ 2" - 2#10, 1#10G, PER CIRCUIT, PER DETAIL 5, SHEET 5	--
CONSTRUCT 2" SCH 80 PVC CITY STREET LIGHT CONDUIT IN CITY AND SOUTHERN CALIFORNIA EDISON (SCE) JOINT TRENCH PER DETAIL 5, SHEET 5	8250 LF
PROVIDE #10 AWG, THWN OR XHHW COPPER CONDUCTOR	32100 LF
⑤ FURNISH AND INSTALL NO. 5 PULLBOX (CHRISTY CONCRETE PRODUCT, MODEL NUMBERS FL30 AND FL30D) PER DETAIL 3, SHEET 5	--
⑥ CONSTRUCT 2" SCH 80 PVC SPARE CONDUIT IN SCE JOINT TRENCH PER DETAIL 5, SHEET 5	8250 LF
⑦ INSTALL NEW STREET LIGHT 3 FT. FROM EXISTING PCC CURB. INSTALL BOLLARDS AS INDICATED ON PLANS	2 EA
⑧ PROVIDE #6 GND. COPPER	24 EA
⑨ PROVIDE 3/4"x10FT COPPER-CLAD STEEL GROUND ROD.	24 EA
⑩ PROVIDE 20' POLE FOR THE INTERSECTION OF CATALINA AND PEARL ST AS INDICATED ON SHEET 4.	1 EA
DISPOSITION NOTES	QTY
① AC CURB BY OTHERS	--
② MAINTAIN MINIMAL RADIAL CLEARANCE OF 3-FT FROM EXISTING FIRE HYDRANT	--
③ NEW AC CURB IS NOT REQUIRED	--
④ EXISTING AC CURB	--
⑤ KEEP EXISTING BOLLARDS AND REPAINT	--
⑥ CONDUIT ROUTING IS SHOWN AS DIAGRAMMATIC AND FOR REFERENCE ONLY. CONTRACTOR TO PROVIDE ADDITIONAL PULL BOXES AND HANDHOLES AS NEEDED TO NOT EXCEED NEC PULLING REQUIREMENTS.	--



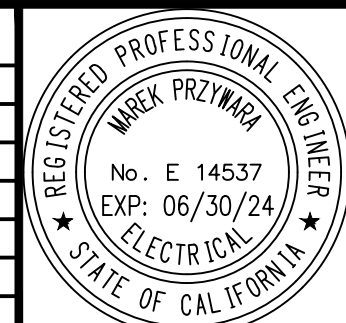
PROPOSED LOCATION
GLENNEYRE ST. & AGATE ST.



PROPOSED LOCATION
GLENNEYRE ST. & PEARL ST.



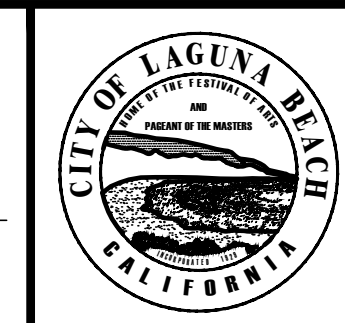
REVISIONS				
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PREPARED BY:
Mark Prizman 14537 11/10/2022
FIRST LAST, LICENSE DATE

REVIEWED FOR D.R.B. CONFORMANCE BY:
PIERRE SAWAYA, PROJECT MANAGER DATE
RECOMMENDED BY: CAPITAL PROGRAM MANAGER
THOMAS PEREZ, P.E. DATE

APPROVED BY:
MARK A. TRESTIK, P.E., RCE 53708 DATE
CITY ENGINEER



CITY OF LAGUNA BEACH
PUBLIC WORKS DEPARTMENT
WOODS COVE STREET LIGHT-AD2014-2
GLENNEYRE & AGATE

SHEET
14
OF
17
AD 2014-2

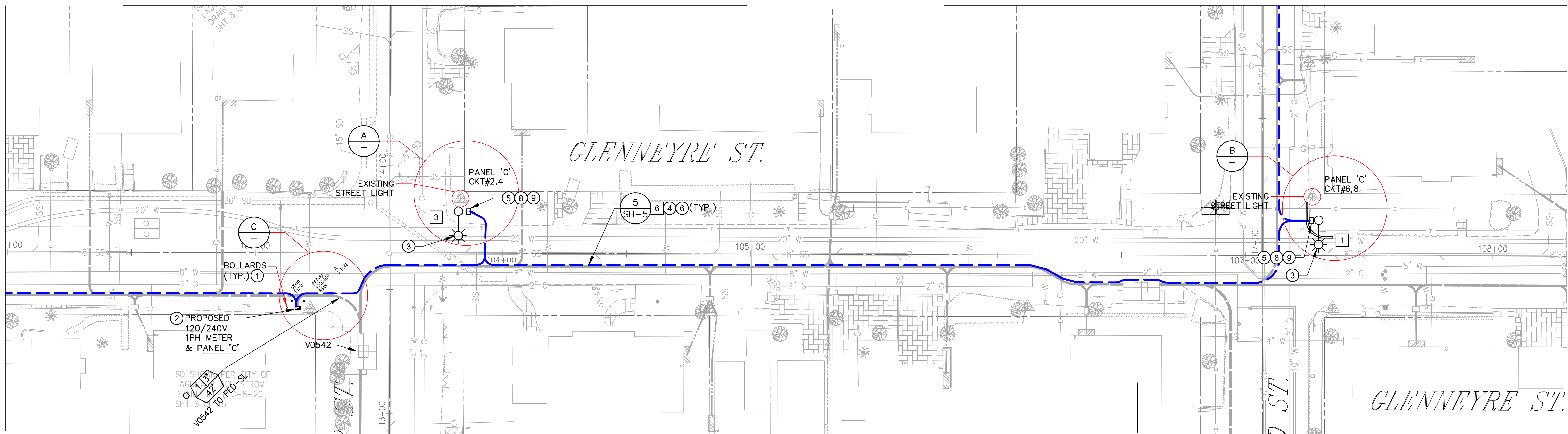
AD 2014-2 WOODS COVE STREET LIGHT

CONTINUE ON SHEET 12

CONTINUE ON SHEET 13

CONTINUE ON SHEET 14

CONTINUE ON SHEET 16



CONSTRUCTION NOTES

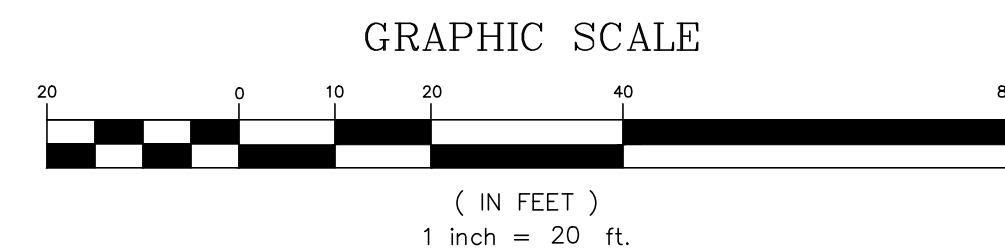
QTY	DESCRIPTION
8 EA	1 INSTALL NON-REMOVABLE BOLLARD PROTECTION AT THIS LOCATION PER DETAIL 2, SHEET 5.
4 EA	2 FURNISH AND INSTALL NEW MEUG16 (CALTRANS TYPE III-BF) METER PEDESTAL PER CALTRANS STD. DWG. ES-2E ON SHEET 3.
---	3 FURNISH AND INSTALL STREET LIGHT POLES WITH THE FOLLOWING. CONSTRUCT STREET LIGHT POLE FOUNDATION PER DETAIL 4, SHEET 5. POLE LOCATIONS MARKED AND APPROVED BY THE CITY, PRIOR TO INSTALLATION: POLE - VALMONT FL210 IN SCL 16 WITH 8FT VALMONT ALHAMBRA ALUMINUM ARMS PER SHEET 4 LUMINAIRE - KING K728 AURORA JR. LED PER SHEET 4
---	4 2" C - 2#10, 1#10G, PER CIRCUIT, PER DETAIL 5, SHEET 5
8250 LF	CONSTRUCT 2" SCH 80 PVC CITY STREET LIGHT CONDUIT IN CITY AND SOUTHERN CALIFORNIA EDISON (SCE) JOINT TRENCH PER DETAIL 5, SHEET 5
32100 LF	PROVIDE #10 AWG, THWN OR XHHW COPPER CONDUCTOR
---	5 FURNISH AND INSTALL NO. 5 PULLBOX (CHRISTY CONCRETE PRODUCT, MODEL NUMBERS FL30 AND FL30D) PER DETAIL 3, SHEET 5
8250 LF	6 CONSTRUCT 2" SCH 80 PVC SPARE CONDUIT IN SCE JOINT TRENCH PER DETAIL 5, SHEET 5
2 EA	7 INSTALL NEW STREET LIGHT 3 FT. FROM EXISTING PCC CURB. INSTALL BOLLARDS AS INDICATED ON PLANS
24 EA	8 PROVIDE #6 GND. COPPER
24 EA	9 PROVIDE 3/4"x10FT COPPER-CLAD STEEL GROUND ROD.
1 EA	10 PROVIDE 20' POLE FOR THE INTERSECTION OF CATALINA AND PEARL ST AS INDICATED ON SHEET 4.

DISPOSITION NOTES

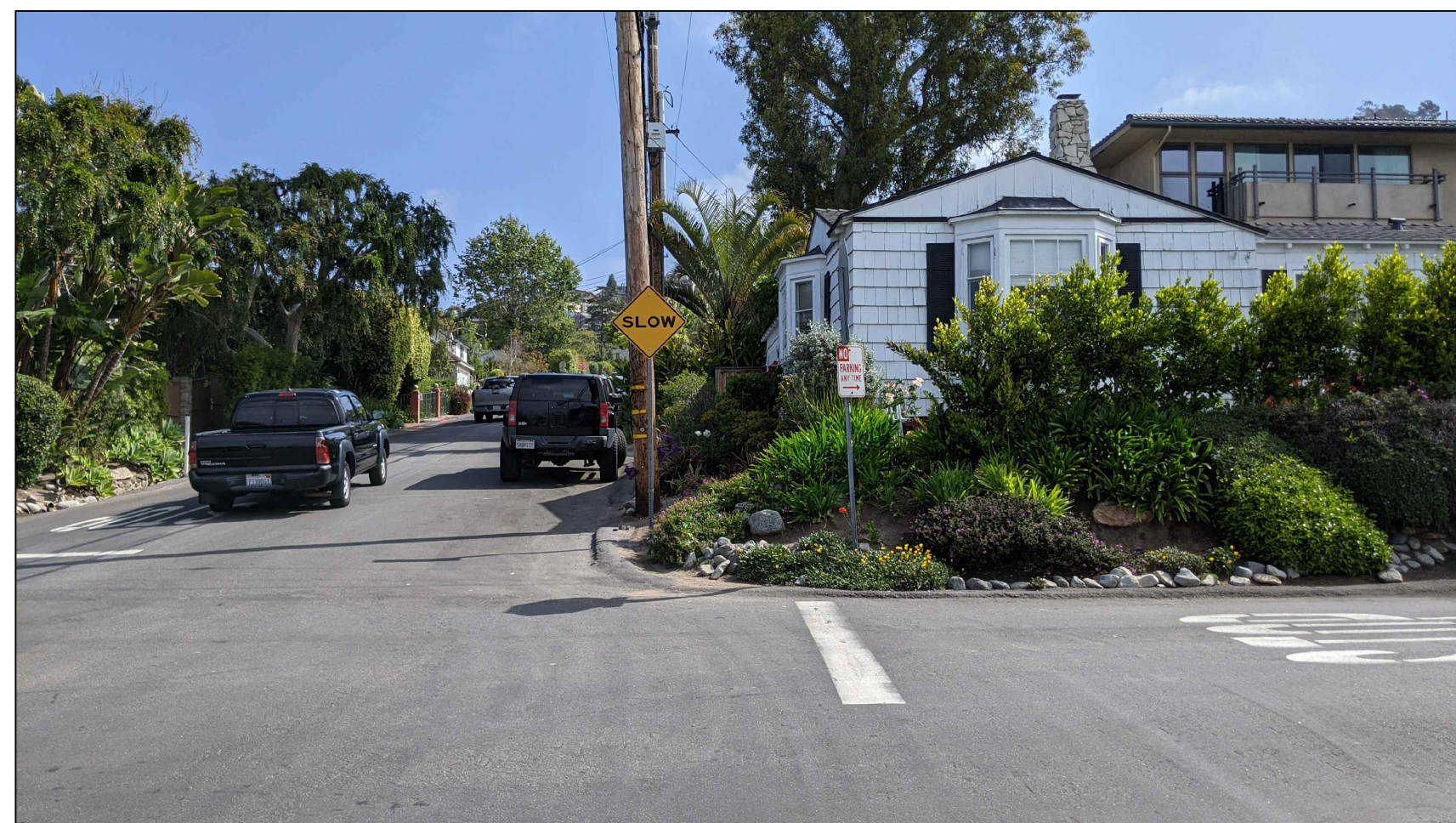
QTY	DESCRIPTION
---	1 AC CURB BY OTHERS
---	2 MAINTAIN MINIMAL RADIAL CLEARANCE OF 3-FT FROM EXISTING FIRE HYDRANT
---	3 NEW AC CURB IS NOT REQUIRED
---	4 EXISTING AC CURB
---	5 KEEP EXISTING BOLLARDS AND REPAINT
---	6 CONDUIT ROUTING IS SHOWN AS DIAGRAMMATIC AND FOR REFERENCE ONLY. CONTRACTOR TO PROVIDE ADDITIONAL PULL BOXES AND HANDHOLES AS NEEDED TO NOT EXCEED NEC PULLING REQUIREMENTS.

LEGEND:

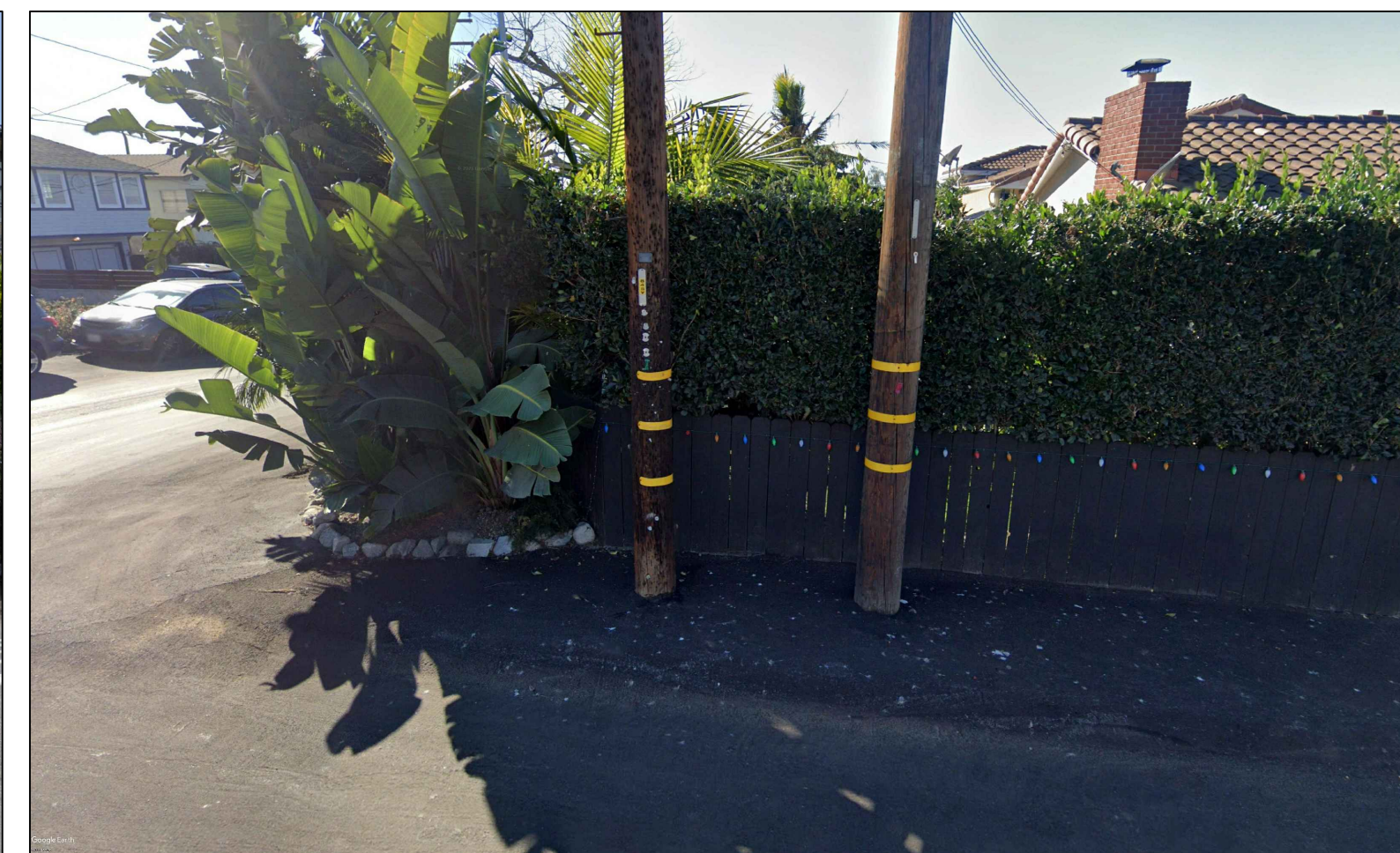
- SCE PRIMARY LINES (NOT IN CONTRACT)
- SCE SECONDARY LINES (NOT IN CONTRACT)
- SCE SECONDARY SERVICE LINES (NOT IN CONTRACT)
- PROPOSED STREET LIGHT 2" CONDUITS (UNLESS OTHERWISE NOTED)
- PROPOSED 120/240V 1PH METER
- PROPOSED LIGHT FIXTURE



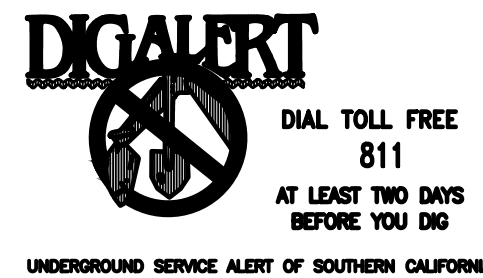
PROPOSED LOCATION
GLENNEYRE ST. & CENTER ST. (A)



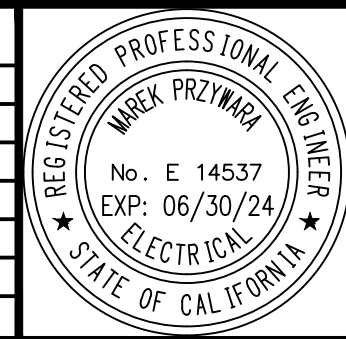
PROPOSED LOCATION
GLENNEYRE ST. & DIAMOND ST. (B)



PROPOSED PEDESTAL LOCATION
GLENNEYRE ST. & CENTER ST. (C)



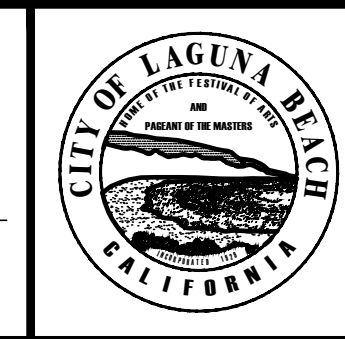
NO.	DATE	DESCRIPTION	APP'D	DATE



PREPARED BY:
Mark A. Trestik 14537 11/10/2022
FIRST LAST, LICENSE DATE

REVIEWED FOR D.R.B. CONFORMANCE BY:
PIERRE SAWAYA, PROJECT MANAGER DATE
RECOMMENDED BY: CAPITAL PROGRAM MANAGER
THOMAS PEREZ, P.E. DATE

APPROVED BY:
MARK A. TRESTIK, P.E., RCE 53708 DATE
CITY ENGINEER



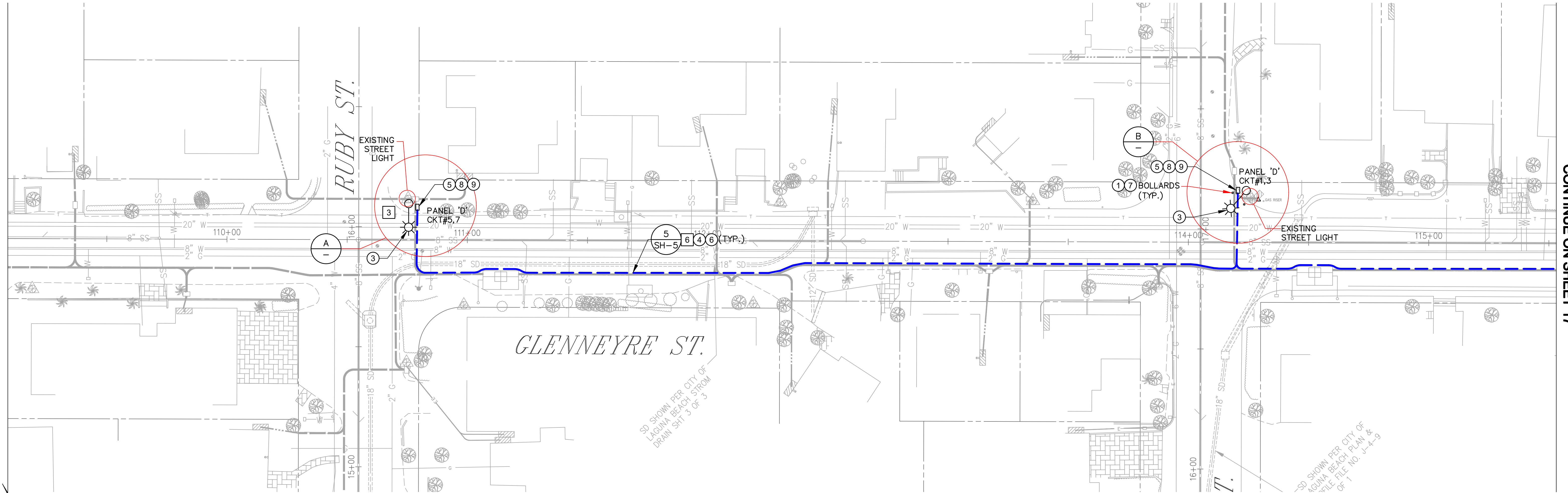
CITY OF LAGUNA BEACH
PUBLIC WORKS DEPARTMENT
WOODS COVE STREET LIGHT-AD2014-2
GLENNEYRE & CENTER

SHEET
15
OF
17
AD 2014-2

AD 2014-2 WOODS COVE STREET LIGHT

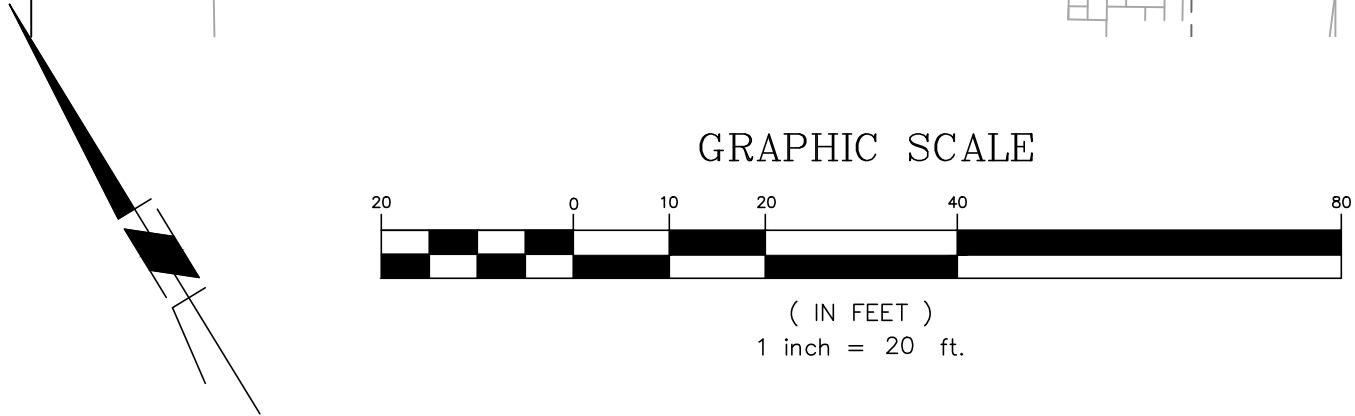
CONTINUE ON SHEET 15

CONTINUE ON SHEET 17



SD SHOWN PER CITY OF LAGUNA BEACH STROM DRAIN SHT 3 OF 3

SD SHOWN PER CITY OF LAGUNA BEACH PLAN & FILE NO. J-4-9 OF 1



- LEGEND:**
- SCE PRIMARY LINES (NOT IN CONTRACT)
 - SCE SECONDARY LINES (NOT IN CONTRACT)
 - SCE SECONDARY SERVICE LINES (NOT IN CONTRACT)
 - PROPOSED STREET LIGHT 2" CONDUITS (UNLESS OTHERWISE NOTED)
 - PROPOSED 120/240V 1PH METER
 - ☉ PROPOSED LIGHT FIXTURE

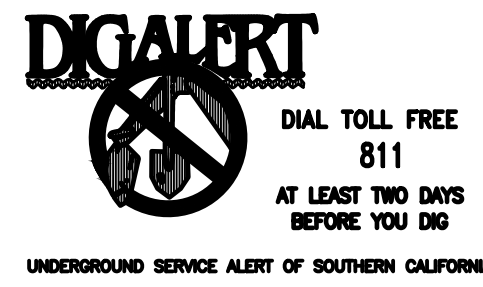


PROPOSED LOCATION
GLENNEYRE ST. & RUBY ST. (A)

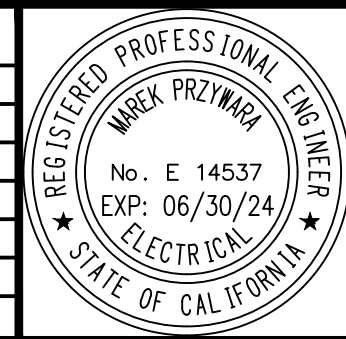


PROPOSED LOCATION
GLENNEYRE ST. & MOSS ST. (B)

CONSTRUCTION NOTES		QTY
1	INSTALL NON-REMOVABLE BOLLARD PROTECTION AT THIS LOCATION PER DETAIL 2, SHEET 5.	8 EA
2	FURNISH AND INSTALL NEW MEUG16 (CALTRANS TYPE 111-BF) METER PEDESTAL PER CALTRANS STD. DWG. ES-2E ON SHEET 3.	4 EA
3	FURNISH AND INSTALL STREET LIGHT POLES WITH THE FOLLOWING. CONSTRUCT STREET LIGHT POLE FOUNDATION PER DETAIL 4, SHEET 5. POLE LOCATIONS MARKED AND APPROVED BY THE CITY. PRIOR TO INSTALLATION: POLE - VALMONT FL210 IN SCL 16 WITH 8FT VALMONT ALHAMBRA ALUMINUM ARMS PER SHEET 4 LUMINAIRE - KING K728 AURORA JR. LED PER SHEET 4	--
4	2" C - 2#10, 1#10G, PER CIRCUIT, PER DETAIL 5, SHEET 5 CONSTRUCT 2" SCH 80 PVC CITY STREET LIGHT CONDUIT IN CITY AND SOUTHERN CALIFORNIA EDISON (SCE) JOINT TRENCH PER DETAIL 5, SHEET 5 PROVIDE #10 AWG, THWN OR XHHW COPPER CONDUCTOR	8250 LF 32100 LF
5	FURNISH AND INSTALL NO. 5 PULLBOX (CHRISTY CONCRETE PRODUCT, MODEL NUMBERS FL30 AND FL30D) PER DETAIL 3, SHEET 5	--
6	CONSTRUCT 2" SCH 80 PVC SPARE CONDUIT IN SCE JOINT TRENCH PER DETAIL 5, SHEET 5	8250 LF
7	INSTALL NEW STREET LIGHT 3 FT. FROM EXISTING PCC CURB. INSTALL BOLLARDS AS INDICATED ON PLANS	2 EA
8	PROVIDE #6 GND. COPPER	24 EA
9	PROVIDE 3/4"x10FT COPPER-CLAD STEEL GROUND ROD.	24 EA
10	PROVIDE 20' POLE FOR THE INTERSECTION OF CATALINA AND PEARL ST AS INDICATED ON SHEET 4.	1 EA
DISPOSITION NOTES		QTY
1	AC CURB BY OTHERS	--
2	MAINTAIN MINIMAL RADIAL CLEARANCE OF 3-FT FROM EXISTING FIRE HYDRANT	--
3	NEW AC CURB IS NOT REQUIRED	--
4	EXISTING AC CURB	--
5	KEEP EXISTING BOLLARDS AND REPAINT	--
6	CONDUIT ROUTING IS SHOWN AS DIAGRAMMATIC AND FOR REFERENCE ONLY. CONTRACTOR TO PROVIDE ADDITIONAL PULL BOXES AND HANDHOLES AS NEEDED TO NOT EXCEED NEC PULLING REQUIREMENTS.	--



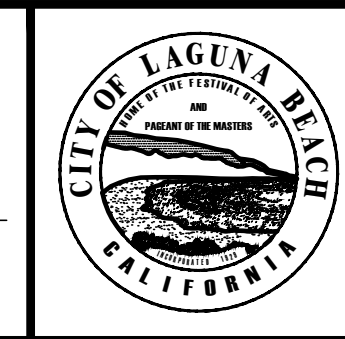
REVISIONS				
NO.	DATE	DESCRIPTION	APP'D	DATE



PREPARED BY:
Mark Prizman 14537 11/10/2022
FIRST LAST, LICENSE DATE

REVIEWED FOR D.R.B. CONFORMANCE BY:
PIERRE SAWAYA, PROJECT MANAGER DATE
RECOMMENDED BY: CAPITAL PROGRAM MANAGER
THOMAS PEREZ, P.E. DATE

APPROVED BY:
MARK A. TRESTIK, P.E., RCE 53708 DATE
CITY ENGINEER

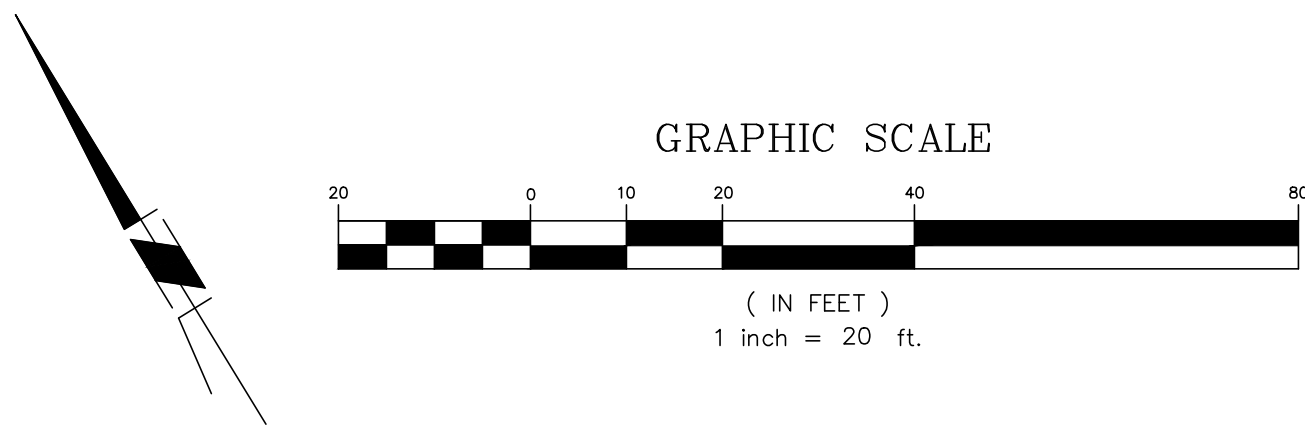
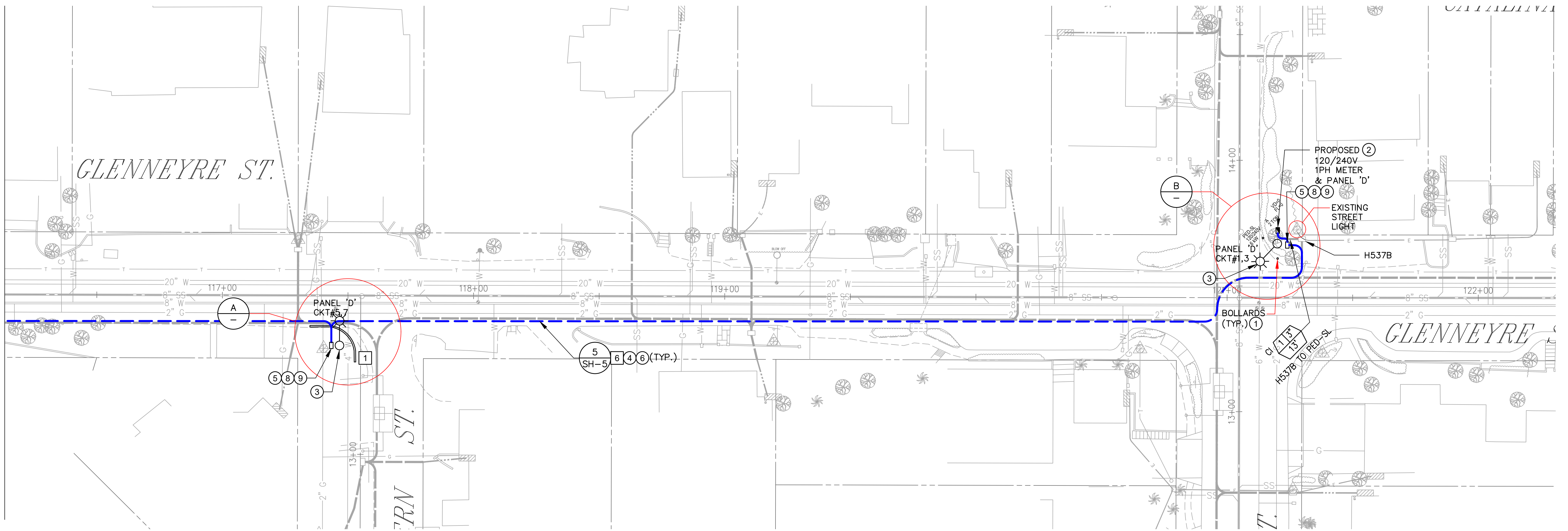


CITY OF LAGUNA BEACH
PUBLIC WORKS DEPARTMENT
WOODS COVE STREET LIGHT-AD2014-2
GLENNEYRE & RUBY

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OF
17
AD 2014-2

AD 2014-2 WOODS COVE STREET LIGHT

CONTINUE ON SHEET 16



LEGEND:

- SCE PRIMARY LINES (NOT IN CONTRACT)
- SCE SECONDARY LINES (NOT IN CONTRACT)
- SCE SECONDARY SERVICE LINES (NOT IN CONTRACT)
- PROPOSED STREET LIGHT 2" CONDUITS (UNLESS OTHERWISE NOTED)
- PROPOSED 120/240V 1PH METER
- ☉ PROPOSED LIGHT FIXTURE



PROPOSED LOCATION (A)

GLENNEYRE ST. & FERN ST.



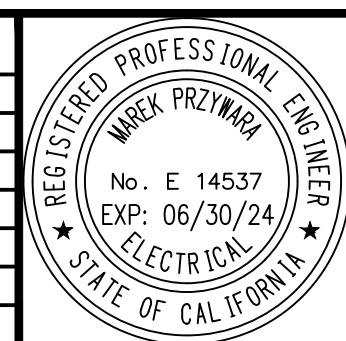
PROPOSED LIGHT & METER LOCATION (B)

GLENNEYRE ST. & ARCH ST.

CONSTRUCTION NOTES		QTY
1	INSTALL NON-REMOVABLE BOLLARD PROTECTION AT THIS LOCATION PER DETAIL 2, SHEET 5.	8 EA
2	FURNISH AND INSTALL NEW MEUG16 (CALTRANS TYPE III-BF) METER PEDESTAL PER CALTRANS STD. DWG. ES-2E ON SHEET 3.	4 EA
3	FURNISH AND INSTALL STREET LIGHT POLES WITH THE FOLLOWING. CONSTRUCT STREET LIGHT POLE FOUNDATION PER DETAIL 4, SHEET 5. POLE LOCATIONS MARKED AND APPROVED BY THE CITY, PRIOR TO INSTALLATION: POLE - VALMONT FL210 IN SOL 16 WITH 8FT VALMONT ALHAMBRA ALUMINUM ARMS PER SHEET 4 LUMINAIRE - KING K728 AURORA JR. LED PER SHEET 4	--
4	2" C - 2#10, 1#10G, PER CIRCUIT, PER DETAIL 5, SHEET 5	--
	CONSTRUCT 2" SCH 80 PVC CITY STREET LIGHT CONDUIT IN CITY AND SOUTHERN CALIFORNIA EDISON (SCE) JOINT TRENCH PER DETAIL 5, SHEET 5	8250 LF
	PROVIDE #10 AWG, THIN OR XHHW COPPER CONDUCTOR	32100 LF
5	FURNISH AND INSTALL NO. 5 PULLBOX (CHRISTY CONCRETE PRODUCT, MODEL NUMBERS FL30 AND FL30D) PER DETAIL 3, SHEET 5	--
6	CONSTRUCT 2" SCH 80 PVC SPARE CONDUIT IN SCE JOINT TRENCH PER DETAIL 5, SHEET 5	8250 LF
7	INSTALL NEW STREET LIGHT 3 FT. FROM EXISTING PCC CURB. INSTALL BOLLARDS AS INDICATED ON PLANS	2 EA
8	PROVIDE #6 GND. COPPER	24 EA
9	PROVIDE 3/4"x10FT COPPER-CLAD STEEL GROUND ROD.	24 EA
10	PROVIDE 20' POLE FOR THE INTERSECTION OF CATALINA AND PEARL ST AS INDICATED ON SHEET 4.	1 EA
DISPOSITION NOTES		QTY
1	AC CURB BY OTHERS	--
2	MAINTAIN MINIMAL RADIAL CLEARANCE OF 3-FT FROM EXISTING FIRE HYDRANT	--
3	NEW AC CURB IS NOT REQUIRED	--
4	EXISTING AC CURB	--
5	KEEP EXISTING BOLLARDS AND REPAINT	--
6	CONDUIT ROUTING IS SHOWN AS DIAGRAMMATIC AND FOR REFERENCE ONLY. CONTRACTOR TO PROVIDE ADDITIONAL PULL BOXES AND HANDHOLES AS NEEDED TO NOT EXCEED NEC PULLING REQUIREMENTS.	--



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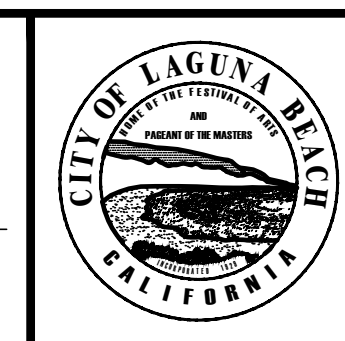
PREPARED BY:

 FIRST LAST, LICENSE 14537 11/10/2022 DATE

REVIEWED FOR D.R.B. CONFORMANCE BY:
 PIERRE SAWAYA, PROJECT MANAGER DATE
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APPROVED BY:

 MARK A. TRESTIK, P.E., RCE 53708 DATE
 CITY ENGINEER



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 PUBLIC WORKS DEPARTMENT
 WOODS COVE STREET LIGHT-AD2014-2
 GLENNEYRE & FERN

SHEET
 17
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