

February 7, 2022

**ADDENDUM NO. 3**  
**TO THE CONTRACT DOCUMENTS, SPECIFICATIONS, & STANDARD DRAWINGS FOR THE**  
Ladera Linda Community Park Project (City Project No. 8405)

In accordance with "Addenda" on page I-1 of the "Instructions to Bidders", the following changes (revisions, additions, and/or deletions) as noted below, are hereby incorporated and made a part of the subject plans, specifications and contract documents for this project. Portions of the Contract, not specifically mentioned in the Addendum, remain in force. All trades affected shall be fully advised of these revisions, deletions, and additions.

This Addendum forms a part of the Contract Documents for the above-identified project and modifies the original specifications and Contract Documents.


Each bidder shall be responsible for ascertaining, prior to submitting a Bid, that it has received all issued Addenda and shall **ACKNOWLEDGE RECEIPT OF THIS ADDENDUM ON THE BIDDER'S CERTIFICATION**, attached. A bidder's failure to address the requirements of this addendum or failure to acknowledge the receipt of this addendum may result in that Bid being rejected as non-responsive.

Note the following changes and/or additions to the Plans and Specifications for the project indicated above. **The bidder shall execute the Certification at the end of this addendum, and shall submit it with their Bid.**

1. Addendum 3 replaces sheet E0.0 SCE DRAFT DUCTS AND STRUCTURES MAP with the following two (2) sheets:
  - **E0.0A**
  - **E0.0B**

**End of Addendum No. 3**

Any questions regarding this Addendum should be directed to the Project Manager, Robert Godfrey, at (949)-497-9000 Ext. 211.

  
Sean Lopez  
Assistant Engineer, City of RPV

## BIDDER'S CERTIFICATION

I acknowledge receipt of the foregoing **Addendum No. 3** and accept all conditions contained therein.

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Name of Bidder

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Bidder's Signature

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Date

**Please sign above and include this signed acknowledgement in the Bid package. Failure to do so may result in your Bid being rejected as non-responsive.**



REGIONAL CIVIL:

–HOT TIE REQUIRED AT INT PT "A". CUSTOMER WILL INSTALL ALL CONDUIT AND STRUCTURES LEADING UP TO THAT POINT  
–PER CUSTOMER POT HOLE, CONDUITS MAY BE SEMI-ENCASED  
–WILL REQUIRE JOINT MEET ON ENERGIZE DAY TO INTERCEPT DUCT.

CREW NOTES:

–PER CUSTOMER POT HOLE, EXISTING PRIMARY AND SECONDARY CONDUIT IS ENCASED IN CONCRETE AND WILL NEED TO BE INTERCEPTED W REGIONAL CIVIL ON ENERGIZE DAY  
–CUSTOMER WILL BE INSTALLING A NEW 3'X5'X4' CUSTOMER OWNED PULL BOX AND INSTALLING 5" CONDUIT TO INT PT "A".  
–CUSTOMER WILL EXPOSE 10' SOUTH OF INT PT "A" ON EXISTING CONDUIT PATH TO CUT LONG AND FEED BACK INTO H661B (FOR SECONDARY ONLY).  
–PER UG PSPEC, CREWS WILL REMOVE 2/C 1/0 CLP 17KV & INSTALL 3/C 1/0 JCN AND DEVIATION SUPPORT TO REUSE 2'X3'X3' AND EX 5" FROM EX V5425 TO X4427. PRIMARY WILL LOOP THROUGH X4427 AND CONNECT AT X9662 .  
–CUSTOMER TO INSTALL 2– 17"x30"x24" CONCRETE HANDHOLE W TRAFFIC RATED LIDS TO BACKFEED EXISTING COMMUNICATION PEDESTALS OUT ON STREET. INTERCEPT EXISTING SECONDARY CABLE @ INT PT "A"  
–CREW TO INSTALL 1– 75KVA 120/208 3P 16KV XFMR AND 1 50KVA 120/240 1P 16KV.  
–JOINT MEET REQUIRED ON ENERGIZE DAY WITH CUSTOMER AND REGIONAL CIVIL FOR INTERCEPT.  
–PREV MAINT WORKORDER TO REPLACE 3 WAY 3 PULL BURD SWITCH DUE TO LOW GAS PER UDI. OUTAGE WILL BE REQUIRED  
–PLEASE ABANDON REMAINING SVC CABLE. CITY NOR PLANNER/UDI COULD NOT LOCATE THE METER (222011–102467) AND CONFIRMED DISCONNECT ON METER FROM IDLE USE. CITY CONFIRMED.

CUSTOMER NOTE:

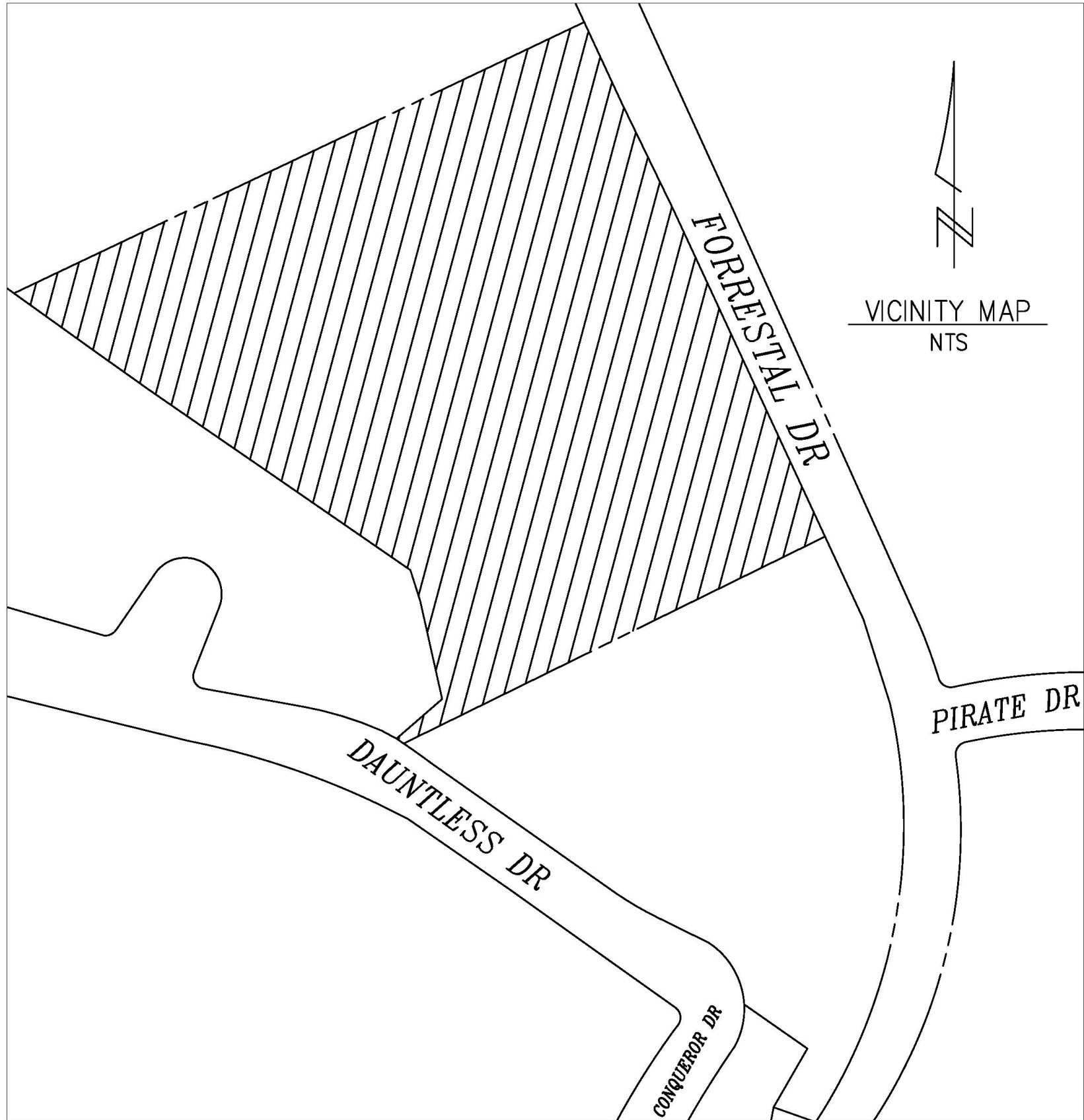
–CUSTOMER WILL BE INSTALLING 1 NEW 3'X5'X4' CUSTOMER OWNED PULL BOX (TRAFFIC RATED LID REQUIRED) AND 5" CONDUIT TO INTERCEPT PRIMARY @ INT PT "A".  
–CUSTOMER TO INSTALL 2– 17"x30"x24" CONCRETE HANDHOLE W TRAFFIC RATED LIDS TO BACKFEED EXISTING COMMUNICATION PEDESTALS OUT ON STREET.  
–NEW EASEMENTS WILL BE REQUIRED DUE TO COMM PEDESTALS. EXISTING SECONDARY CABLE FEEDING OTHER CUSTOMERS IS SCE RESPONSIBILITY, SO AN EASEMENT IS NEEDED TO FULLY EXECUTE THIS RELOCATION  
–CUSTOMER MAY NOT REMOVE ANY EXISTING CONDUIT/TRANSFORMER PAD UNTIL AFTER ENERGIZE DAY, WHEN ALL STRUCTURES ARE ABANDONED AND DE-ENERGIZED. SCE WILL NOT BE ABLE TO DE-ENERGIZE EXISTING P5059816 PRIOR TO ENERGIZATION DUE TO COMM PEDESTALS CURRENTLY BEING FED FROM P9816.  
–CUSTOMER TO HAVE EDISON INSPECTOR APPROVE DUCT/TRENCHES PRIOR TO BACKFILLING  
–CUSTOMER TO PERFORM MANDREL PULL WITH EDISON INSPECTOR PRESENT  
–PANEL TO HAVE PERMANENT PLACARD SHOWING ADDRESS, VOLTAGE, SWITCHGEAR SIZE (IF AVAILABLE). CONSULT EDISON INSPECTOR FOR ALL CLEARANCES, PROTECTIVE BARRIERS & OTHER REQUIREMENTS  
ALL INVOICES, CONTRACT, EASEMENTS, CITY & EDISON INSPECTIONS, & BILLING APPLICATIONS TO BE COMPLETED PRIOR TO JOB BEING RELEASED TO THE 45 DAY SCHEDULING WINDOW

TD1881824–RELOCATE FACILITIES  
TD1944555–LINE EXTENTION  
TD1944556–PREVENTIVE MAINT  
CITY OF RANCHO PALOS VERDES  
SHORELINE 16KV % MARYMOUNT SUB

CONTACT NAME: DOUG WILLMORE  
CONTACT NUMBER: 310–544–5200

PROJECT REQUIREMENTS (Y/N)		T.L.M. DATA: P5769660
EDISON EASEMENT REQUIRED	<input checked="" type="checkbox"/>	SIZE KVA CUST % LOAD
PWRD 88 REQUIRED	<input checked="" type="checkbox"/>	EXIST. 00 00 00 00 %
UG CIVIL ONLY WORK ORDER	<input type="checkbox"/>	PROP. 75 55 1 73 %
PERMIT REQUIRED	<input checked="" type="checkbox"/>	VOLTAGE DROP: 0.41%
PERMIT TYPE: NO PARKING		FLICKER FACTOR: N/A
OUTAGE REQUIRED	<input checked="" type="checkbox"/>	PRI. CIRCUIT: SHORELINE 16KV
OUTAGE DATE: TBD TIME: TBD		
TRAFFIC CONTROL REQUIRED	<input checked="" type="checkbox"/>	T.L.M. DATA: P5769661
PED. TRAFFIC CONTROL REQ'D	<input checked="" type="checkbox"/>	SIZE KVA CUST % LOAD
CONVEYANCE LETTER REQ'D	<input type="checkbox"/>	EXIST. 00 00 00 00 %
ENVIRONMENTAL REQUIREMENTS DOCUMENT (ERD) REQUIRED	<input type="checkbox"/>	PROP. 50 5.2 3 10.4 %
CSD 140 (TLM) REQ'D	<input checked="" type="checkbox"/>	VOLTAGE DROP: N/A
DIG ALERT APP	<input checked="" type="checkbox"/>	FLICKER FACTOR: N/A
VERIFIED ACTIVE AND CONFIRMED USA TICKETS	<input checked="" type="checkbox"/>	PRI. CIRCUIT: SHORELINE 16KV
UTILQUEST NOTIFIED	<input checked="" type="checkbox"/>	
STANDARD ADHERENCE: Q/___Y		T.L.M. DATA: P5059816
		SIZE KVA CUST % LOAD
		EXIST. 50 12.4 6 25 %
		PROP. 00 00 00 00 %
		VOLTAGE DROP: N/A
		FLICKER FACTOR: N/A
		PRI. CIRCUIT: SHORELINE 16KV

D124: Rev. 10/12/21



CONSTRUCTION NOTES:

Unless otherwise specified on the working drawing which forms a part of the specification, the Contractor/Developer shall furnish the following items at no cost to the Edison Company.  
Southern California Edison Company has attempted to correctly show all existing utilities and substructures in the vicinity of the work, but does not guarantee there are no other substructures in the area.  
Failure of SCE to show all substructures in their correct location will not be a basis for a claim for extra work, and the contractor shall be responsible for all damages to substructures whether shown or not.

1. FOR GENERAL SPECIFICATIONS SEE UGS GI 001.

2. CONDUITS:  
a. Minimum cover in street or driveway is 30" below gutter grade, unless noted otherwise.  
b. Minimum cover on private property is 30" below finished grade, unless noted otherwise.  
c. Contractor is to furnish and install approved conduit to Edison specifications per UGS CD 100.1, 110 and 120.  
d. For the type of conduit for this job, See UGS CD 110.1.  
e. Install all risers per UGS CD 160, 161, 162 and 170.  
f. Cap all mainline conduits per UGS CD 146 and service conduits per UGS CD 150.  
g. Install blank conduit plugs in all conduits terminating into vaults, manholes, PHE's, SCE's & oil cap locations, per UGS GI 180.1 & UGS CD 180.2.  
h. Install pull rope in all conduit runs. Pull rope to be at least 3/8" polypropylene rope, braided or twisted. For specifications, approved makes, and suppliers, see UGS GI 040.  
i. All conduit must be mandrelled with the approved mandrel UGS CD 197.

3. CONDUIT RADIUS REQUIREMENTS:  
a. The minimum radius for bends are:  
36" for conduits 3" in diameter or smaller  
48" for conduits 4" and 5" in diameter  
60" for 6" diameter conduit.  
b. The minimum radius for all sweeps of all mainline conduits is 12'-6" (unless noted otherwise).

4. EXCAVATION AND BACKFILL:  
a. Work area shall be cleared and rough graded to within four inches of final grade prior to installation of Edison conduit or structures.  
b. All excavations shall be in accordance with the California State Construction Safety Orders (when applicable), Edison specifications, and all governing local ordinances.  
c. Each trench to be a uniform depth below final grade prior to installation of Edison conduit or structures.  
d. Backfill shall be provided by the Contractor for all excavations and shall include crushed rock, concrete, and/or imported backfill, when required.  
e. Backfill with a MINIMUM of one sack per yard sand cement slurry around and over vaults and manholes per UGS GI 030, section 5.4 and around PHE's within one foot of finished grade, per UGS SS 590.1.  
f. Backfill, per Edison specifications, shall immediately follow conduit or substructure installation. At no time shall conduit be left exposed over 24 hours.  
g. No rocks are allowed within 12 inches of direct-buried cables or any conduit without concrete encasement. Native backfill capable of passing through a one-half inch mesh screen shall be considered to be "rock free". If existing backfill does not pass through a 1/2" screen, place imported sand 3" below and 12" above Edison cables. After this point, no rocks larger than 12" diameter are permitted.  
h. All backfill shall be compacted to meet or exceed local ordinances or other requirements. It shall be placed in a manner that will not damage the conduit or substructure or allow future subsidence of the trench or structures.

5. PAVING:  
Repaving, where required, shall be placed in such a manner that interference with traffic, including pedestrian traffic, will be kept to a minimum. The Contractor shall establish a program of repaving acceptable to the Municipality, County, or other authority having jurisdiction and which is acceptable to Edison.

6. STRUCTURES:  
a. All substructures shall be constructed or installed to Edison specifications.  
b. Install protection barriers per UGS MS 830 when required in areas exposed to traffic, per Edison Inspector.  
c. All conduit lines and concrete fenced substructures shall be water tight.  
d. All grounding materials shall be furnished and installed by the Contractor.

7. RETAINING WALLS:  
When required, retaining walls shall be provided by the Developer. Walls are required wherever grade rises more than 18 inches above the structure or 24" above the pad surface at a distance of 5 feet from the same, or in areas subject to erosion. Design and installation must comply with local building ordinances. Refer to Edison Inspector for typical space requirements.

8. PERMITS:  
All permits necessary for excavation shall be provided by the Contractor/Developer.

9. ACCESS:  
Heavy truck access shall be maintained to equipment locations. Structures must be clear of all appurtenances that would obstruct the loading or unloading of equipment.

10. SERVICES:  
a. Meters and services shall comply with Edison Electrical Services Requirements.  
b. Wiring must be in accordance with applicable local ordinances and approved by local inspection Authorities.

11. LOCATION:  
a. The location of excavations and structures for Edison shall be as shown on the working drawing. No deviation from the planned locations will be permitted unless approved by the Edison Inspector. See UGS GI 001, section 2.2.  
b. Actual location of obstructions, storm drains, and/or other foreign utilities to be the responsibility of the Contractor. See UGS GI 001, section 2.3.

12. Contractor is to verify location and widths of all sidewalks and driveways prior to street light installation. See UGS CD 175.1, UGS CD 175.2 and UGS CD 175.3.

13. SURVEY:  
Surveying of street improvements, property corners, lot lines, finished grade, etc., necessary for the installation of underground facilities must be completed and markers or stakes placed prior to the start of the installation. In addition, Developer shall maintain the markers during the installation and inspection by Edison. Grade and property line stakes must show any offset measurements.

14. COORDINATION AND SUPERVISION:  
The Developer shall provide supervision over and coordination among the various contractors working within the development in order to prevent damage to Edison facilities. He is responsible for the cost of repairs, replacement, relocation, or other corrections to Edison facilities made necessary by his failure to provide supervision or to otherwise comply with these specifications.

15. TELEPHONE AND OTHER UTILITY REQUIREMENTS:  
The drawing prepared for this job may also cover the facilities to be installed for the telephone company and/or other utility. Any questions concerning details of their installation should be referred to the company concerned.

16. OWNERSHIP:  
Developer is to deed to the Edison Company all structures shown hereon except those shown as customer owned.

17. WARRANTY:  
Applicants expressly represent and warrant that all work performed and all material used in meeting Applicants' obligations herein are free from defects in workmanship and are in conformity with Southern California Edison Company's requirements. This warranty shall commence upon receipt by Applicants of Company's final acceptance and shall expire one year from that date. Applicants agree to promptly correct to the Company's satisfaction and that of any governmental agency having jurisdiction and at Applicant's expense any breach of this warranty which may become apparent through inspection or operation of underground electric system by Company during this warranty period.

18. INSPECTION:  
Inspection is required during the construction period. A 48 hour advance notice of intent to start construction is required from the contractor to the Southern California Edison Company. Standards of Edison construction requirements are available upon request.

Duct and Structure Inspector: RON WHITTAKER Phone: 310–710–9606  
Cabling Construction Coordinator: Phone:

D05: Rev. 07/21/16

LEGEND CODE DEFINITIONS

CI – CUSTOMER CONTRACTOR INSTALLED: MATERIALS FURNISHED AND INSTALLED BY APPLICANT AT EDISON'S EXPENSE AND ARE DEEDED TO EDISON. (EXCEPTION: STREET LIGHT ELECTROLUMS WILL BE INSTALLED BY EDISON'S CONTRACTOR.)

CO – CUSTOMER CONTRACTOR OWNED: MATERIALS FURNISHED, INSTALLED, OWNED, AND MAINTAINED BY APPLICANT.

CF – CUSTOMER CONTRACTOR FURNISHED: MATERIALS FURNISHED AND INSTALLED BY APPLICANT AT APPLICANT'S EXPENSE THAT MAY BE DEEDED TO EDISON.

IN – INSTALL: MATERIALS FURNISHED AND INSTALLED BY APPLICANT IF APPLICANT INSTALLED PROJECT OR BY EDISON IF EDISON INSTALLED PROJECT. (EXCEPTION: FOR AN APPLICANT INSTALLED LINE EXTENSION, STATION NOS. HAVING AN ASTERISK ADJACENT TO AN "N" LEGEND CODE REPRESENTS MATERIALS TO BE PROVIDED BY APPLICANT AND INSTALLED BY EDISON IN ALL CASES. REFER TO UPS 8258, PROJECT MATERIAL LIST BY ASSEMBLY WITHIN A STATION.)

MI – MEMO INSTALL: SAME AS IN-INSTALL.

MR – MEMO REMOVE: MATERIALS REMOVED BY EDISON.

RM – MEMO REMOVED: MATERIALS REMOVED BY EDISON.

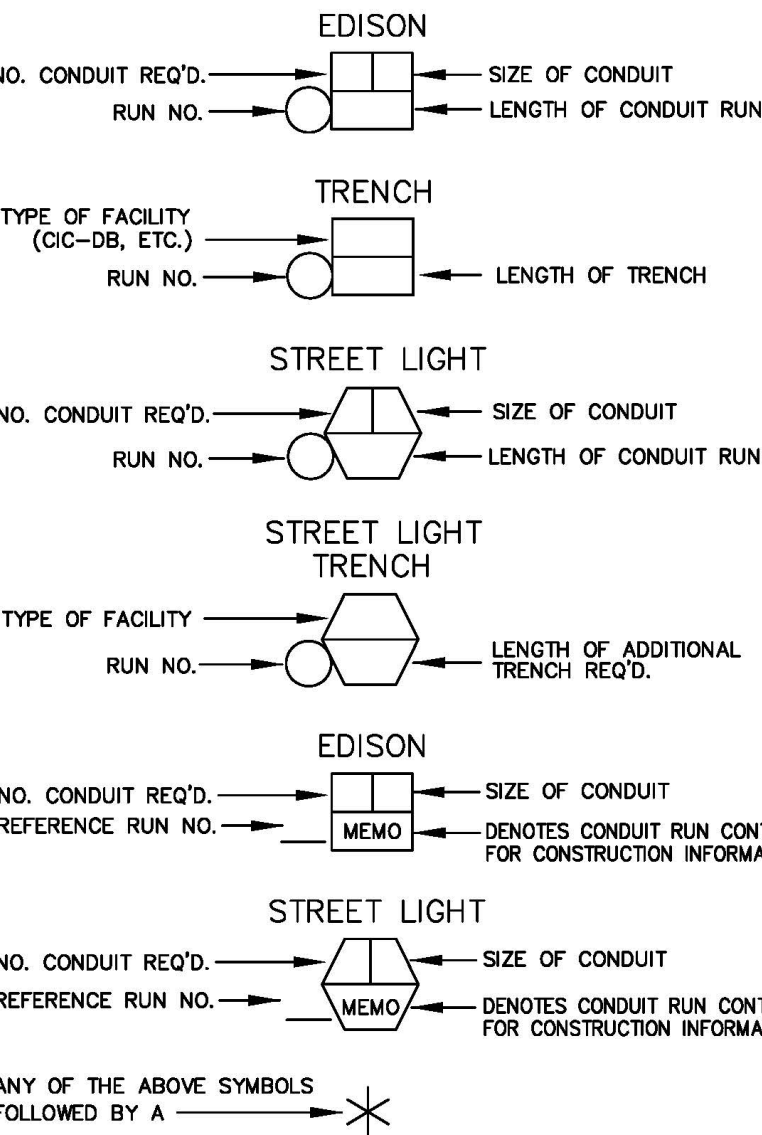
SI – SHOOFLY IN: MATERIALS FURNISHED AND INSTALLED BY EDISON FOR TEMPORARY CONSTRUCTION.

SR – SHOOFLY REMOVE: MATERIALS REMOVED BY EDISON FOR TEMPORARY CONSTRUCTION.

TR – TRANSFER: EDISON LABOR REQUIRED TO TRANSFER EXISTING FACILITIES.

D31: Rev. 01/16/85

LEGEND OF CONDUIT SYMBOLS  
(CONVENTIONAL U. G.)



DENOTES THE FOLLOWING:

DB CONDUIT WITHOUT ENCASEMENT IS ACCEPTABLE FOR PORTIONS OF TRENCH WITH ONLY ONE OR TWO CONDUITS

SEM-ENCASEMENT IS REQUIRED FOR PORTIONS OF TRENCH WITH ONLY THREE OR FOUR CONDUITS

FULL ENCASEMENT IS REQUIRED FOR MORE THAN FOUR CONDUITS

D18: Rev. 5/08/2006

CONNECTING TO EXISTING SCE STRUCTURES

• Per SCE requirements, customers are not allowed to enter, intercept or tie-in to existing SCE facilities, e.g. structures, equipment, multi-conduit runs/banks, or conductors. These facilities may be energized and the work will only be performed by SCE. Contact the appropriate SCE Inspector to schedule an appointment. Customers may connect to an existing conduit stub without a SCE Inspector present.

• Multi-conduit runs/banks are runs of conduit in close proximity to each other and other SCE facilities. A conduit stub is a single empty conduit stub that is not in close proximity to other SCE owned facilities. Refer to the work order map for details.

• Per CPUC/SCE's Rule 15 B.1.A. and Rule 16 D.1.A., the customer will provide all necessary excavations (with the exception of excavation under pads and primary splice boxes), material (including conduit and structures) and encasement, to be utilized in the intercept/tie-in process.

• The customer must adhere to all applicable Cal-OSHA, local, city, state and federal regulations, (including, but not limited to, all necessary shoring and traffic control in place to perform the intercept/tie-in work by SCE's underground civil contractor(s)).

• Intercept/tie-in work must be coordinated with SCE's civil contractors through the Division Inspector/P-Spec to limit exposure of excavation(s). Customer is responsible for securing excavation(s).

D08: 11/13/18

CONCRETE PRODUCTS

Precast concrete item complete with neck. Cover and inserts may be obtained from any of the following listed and approved manufacturers:

JENSEN PRECAST  
14221 San Bernardino Ave., Fontana, Calif. 92335  
Phone: (909) 350–4111  
(800) 257–6100

OLDCASTLE PRECAST  
10650 Hemlock Ave., Fontana, Calif. 92337  
Phone: (909) 428–3700  
(800) 626–3860

FOR HANDHOLE AND PULLBOX MANUFACTURERS, SEE UGS HP 200.

D41: Rev. 01/21/09

UNDERGROUND SERVICE ALERT

Contact USA  
Dial 811 or 800-422-4133  
www.digalert.org/contact

For Underground Locating  
Two Working Days Before You Dig

D16: Rev. 05/26/20

WHERE CONDUITS ARE PICKED UP OR INTERCEPTED, CONDUIT SHALL BE MANDRELLED AND PULL ROPE INSTALLED FROM TERMINAL TO TERMINAL.

NOTE:  
ALL ELECTRICAL DUCTS AND STRUCTURES WILL CONFORM TO GENERAL ORDER #128 (RULES FOR CONSTRUCTION OF UNDERGROUND ELECTRICAL SUPPLY AND COMMUNICATION PRESCRIBED BY THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA, JANUARY 2006).

WARNING  
THE EXCAVATOR MUST TAKE ALL STEPS NECESSARY TO AVOID CONTACT WITH UNDERGROUND FACILITIES WHICH MAY RESULT IN INJURY TO PERSONS OR DAMAGE TO FACILITIES IN THE AREA. THE INDICATED LOCATIONS OF EDISON UNDERGROUND FACILITIES, AS PROVIDED, ARE BELIEVED TO BE ACCURATE. HOWEVER, THE FINAL DETERMINATION OF EXACT LOCATIONS AND THE COST OF REPAIR TO DAMAGED FACILITIES IS THE RESPONSIBILITY OF THE EXCAVATOR.

CUSTOMER-OWNED CONDUIT MATERIAL\* AND CONCRETE ENCASEMENT ARE TO BE INSTALLED IN ACCORDANCE WITH EDISON ELECTRICAL SERVICE REQUIREMENTS.  
\*SUBJECT TO APPROVAL BY LOCAL INSPECTION AUTHORITIES

D14: Rev. 01/85

INTERCEPT ENERGIZED CONDUIT IN EXISTING ENERGIZED DUCT BANK

(Split "Y" Fitting and/or Intercept Energized Conduit)  
The customer is responsible to trench up to and expose the top of the encased duct bank and the side of the encased duct bank at the location the conduit is to be intercepted. The customer is to provide the Split "Y" fitting and any slip couplings or conduit needed for the intercept.

E0.0A

DISTRICT 44 – SOUTH BAY	PROJ. MGR. KIM, PAUL PHONE 626–372–4368	PLANNER KIM, PAUL PHONE 626–372–4368	DESIGNER S. EKHTIARI, NASIMEH
PROJECT NO. SERVICE REQUEST 2214312 3108121	MSR NO. GPS	PRODUCT-1 1881824–RELOCATE FACILITIES	ASSOC DESIGN
CIRCUIT / VOLTAGE SHORELINE 16KV	CIRCUIT CODE	PRODUCT-2 1944555–LINE EXTENSION	ASSOC DESIGN
SUB / PD NO. MARYMOUNT		PRODUCT-3 1944556–PREVENTIVE MAINT (INSPECTION DRIVEN)	
INVENTORY MAP Q26–0650–7	J.P.A. NO.	PROPOSED CONSTRUCTION (LOCATION)	
		32201 FORRESTAL DR RANCHO PALOS VERDES CA 90275	
1/12/2022	IRMA KNIGHT	PAUL KIM	N.S.EKHITARI
TYPE	DATE	APPROVED BY	CHECKED BY
Southern California Edison Company		SHEET 2 of 3	DESIGN/DRWG NO. 1424974_0.01



