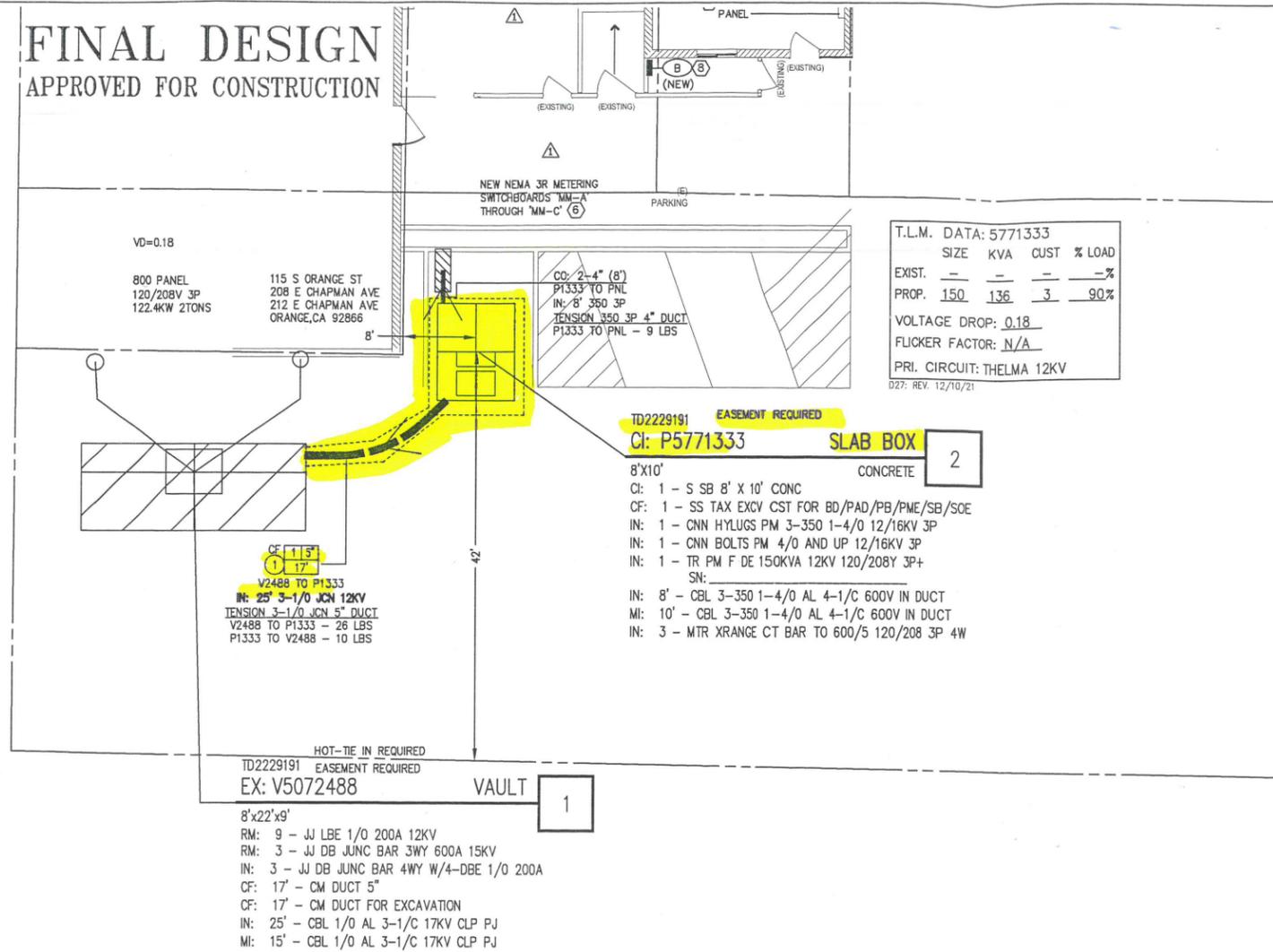


FINAL DESIGN
APPROVED FOR CONSTRUCTION

S ORANGE



T.L.M. DATA: 5771333

SIZE	KVA	CUST	% LOAD
EXIST.	-	-	-
PROP.	150	136	3 90%

VOLTAGE DROP: 0.18
FLICKER FACTOR: N/A
PRI. CIRCUIT: THELMA 12KV
D27: REV. 12/10/21

TD2229191 EASEMENT REQUIRED
CI: P5771333
8'x10' CONCRETE
CI: 1 - S SB 8' X 10' CONC
CF: 1 - SS TAX EXCV CST FOR BD/PAD/PB/PME/SB/SOE
IN: 1 - CNN HYLUGS PM 3-350 1-4/0 12/16KV 3P
IN: 1 - CNN BOLTS PM 4/0 AND UP 12/16KV 3P
IN: 1 - TR PM F DE 150KVA 12KV 120/208Y 3P+ SN:
IN: 8' - CBL 3-350 1-4/0 AL 4-1/C 600V IN DUCT
MI: 10' - CBL 3-350 1-4/0 AL 4-1/C 600V IN DUCT
IN: 3 - MTR XRANGE CT BAR TO 600/5 120/208 3P 4W

HOT-TIE IN REQUIRED
TD2229191 EASEMENT REQUIRED
EX: V5072488
8'x22'x9'
RM: 9 - JJ LBE 1/0 200A 12KV
RM: 3 - JJ DB JUNC BAR 3WY 600A 15KV
IN: 3 - JJ DB JUNC BAR 4WY W/4-DBE 1/0 200A
CF: 17' - CM DUCT 5"
CF: 17' - CM DUCT FOR EXCAVATION
IN: 25' - CBL 1/0 AL 3-1/C 17KV CLP PJ
MI: 15' - CBL 1/0 AL 3-1/C 17KV CLP PJ

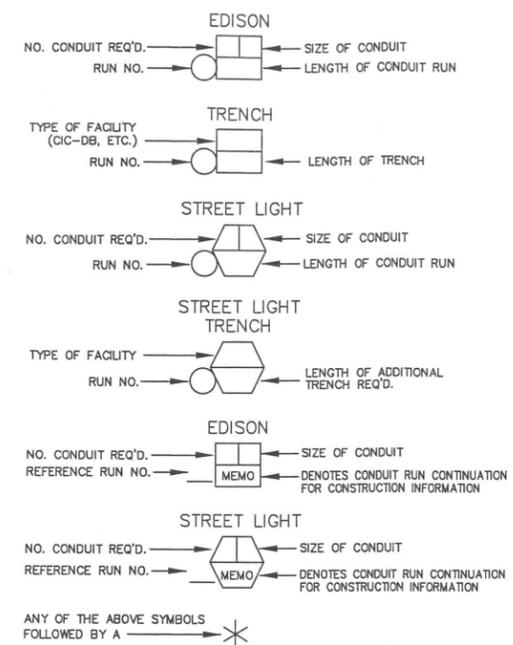
TIE-IN MADE THROUGH SIDE WALL OF STRUCTURE
(Vault, Manhole, PME, SOE/CST, BURD, Slab Box, Pull Box, PMH)
The customer is responsible to trench to the structure entrance point and bring the conduit to within 5' of the structure being entered. The customer is to provide slip coupling and conduit.

CREW NOTES

- CREW TO INSTALL NEW 150KVA 120/208 3P TRANSFORMER ON 8' X 10' SLAB.
- CREW TO REMOVE AND REPLACE 3 WAY JBARS WITH 4 WAY JBARS AND RUN NEW 1/0 PRIMARY TO TRANSFORMER.
- CREW TO RUN NEW 350 SERVICE TO CUSTOMER 800A SWITCH GEAR.

UNDERGROUND SERVICE ALERT
Contact USA
Dial 811 or 800-422-4133
www.digalert.org/contact
For Underground Locating
Two Working Days Before You Dig

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
SEMI-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

PROJECT REQUIREMENTS (Y/N)

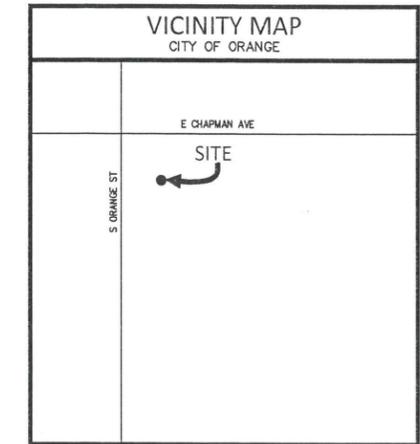
EDISON EASEMENT REQUIRED	<input checked="" type="checkbox"/>
PWRD 88 REQUIRED	<input checked="" type="checkbox"/>
UG CIVIL ONLY WORK ORDER	<input type="checkbox"/>
PERMIT REQUIRED	<input type="checkbox"/>
PERMIT TYPE:	
OUTAGE REQUIRED	<input checked="" type="checkbox"/>
OUTAGE DATE: _____ TIME: _____	
TRAFFIC CONTROL REQUIRED	<input type="checkbox"/>
PED. TRAFFIC CONTROL REQ'D	<input type="checkbox"/>
CONVEYANCE LETTER REQ'D	<input type="checkbox"/>
ENVIRONMENTAL REQUIREMENTS DOCUMENT (ERD) REQUIRED	<input type="checkbox"/>
CSD 140 (TLM) REQ'D	<input type="checkbox"/>
CIRCUIT MAP CHANGE REQ'D (TD 203)	<input checked="" type="checkbox"/>
DIG ALERT APP	<input checked="" type="checkbox"/>
VERIFIED ACTIVE AND CONFIRMED USA TICKETS	<input type="checkbox"/>
UTILQUEST NOTIFIED	<input type="checkbox"/>
STANDARD ADHERENCE: 1_Q/2024_Y	

D124: Rev. 03/21/23

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 ELECTROLIERS 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 "IN" LEGEND CODE REPRESENTS MATERIALS TO BE PROVIDED BY APPLICANT AND INSTALLED BY EDISON IN ALL CASES. REFER TO DPB 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 - SHOOPLY IN: MATERIALS FURNISHED AND INSTALLED BY EDISON FOR TEMPORARY CONSTRUCTION.
- SR - SHOOPLY REMOVE: MATERIALS REMOVED BY EDISON FOR TEMPORARY CONSTRUCTION.
- TR - TRANSFER: EDISON LABOR REQUIRED TO TRANSFER EXISTING FACILITIES.

D31: Rev. 11/85



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: Rev. 11/13/18

DISTRICT 29 - SANTA ANA	PROJ. MGR. DIAZ, DAVID PHONE 626-630-2575	PLANNER DIAZ, DAVID PHONE 626-630-2575	DESIGNER DIAZ, DAVID
PROJECT NO. 2594518	SERVICE REQUEST 3482610	MSR NO. 2229191-LINE EXTENSION	ASSOC DESGN
CIRCUIT / VOLTAGE THELMA 12KV	GPS	PRODUCT-2	ASSOC DESGN
SUB / PG NO. LA VETA	CIRCUIT CODE 17754	PRODUCT-3	ASSOC DESGN
INVENTORY MAP 049-015B-9	J.P.A. NO.	PROPOSED CONSTRUCTION (LOCATION)	
		208 E CHAPMAN AVE ORANGE CA 92866	
F 02/16/24	D.H./S.H.	DIAZ D.	DIAZ D.
TYPE DATE	APPROVED BY	CHECKED BY	DRAWN BY PAX #
Southern California Edison Company			SHEET 1 of 3
			DESIGN/DRWG NO. 1671389_0.01

FILE NAME: 071989_01.DWG. SAME DATE: 2/27/2024 10:24 AM SAVED BY: DADA

