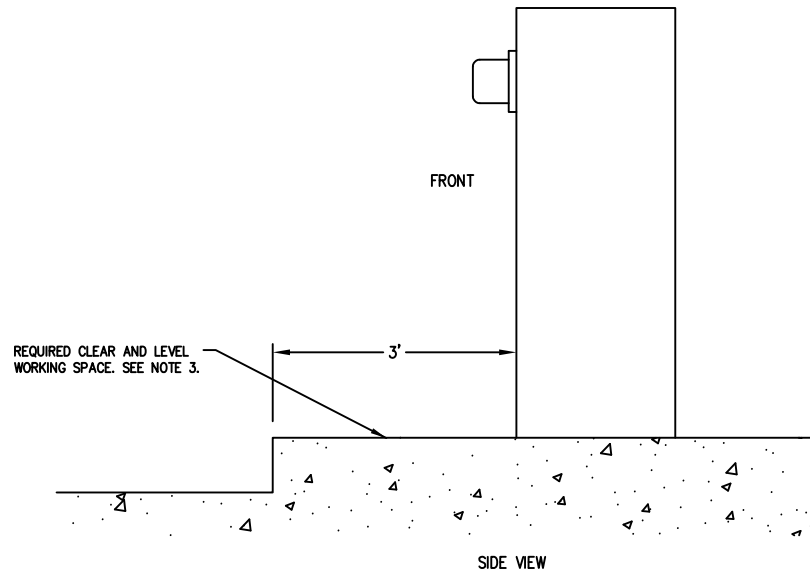


PANEL CLEARANCE  
UNDERGROUND SERVICE CONNECTIONS 0–600 VOLTS  
SEE ESR 3–16



NOTES:

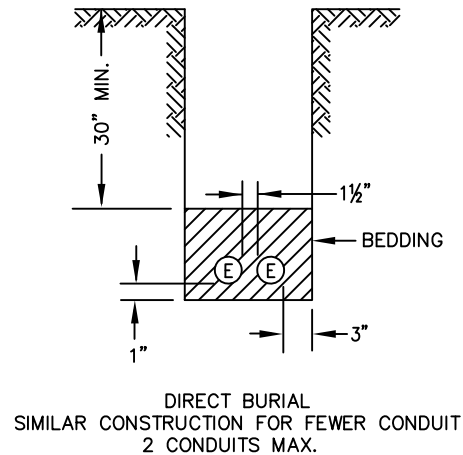
- A MINIMUM OF THREE (3) FEET OF CLEAR, LEVEL WORK SPACE IS REQUIRED IN FRONT OF ALL TERMINATION, METERING, AND SERVICE EQUIPMENT.
- SEE ESR-5 FOR METER-MOUNTING HEIGHT REQUIREMENTS. METER MOUNTING HEIGHT WILL BE MEASURED FROM THE STANDING AND WORKING SPACE TO THE CENTERLINE OF THE METER(S).
- WHEN SERVICE EQUIPMENT IS INSTALLED ON AN ELEVATED PORTION OF THE FLOOR/GROUND, OR HOUSEKEEPING PAD, THE PAD SHALL BE FLUSH WITH AND EXTEND A MINIMUM OF THREE (3) FEET. THIS IS MEASURED FROM THE FRONT OF THE SERVICE EQUIPMENT OR THE OUTER DOOR(S) OF THE SWITCHBOARD NEMA 3R ENCLOSURE WHEN INSTALLED. IN NO CASE SHALL THE MAXIMUM METER HEIGHT OF SIX (6) FEET THREE (3) INCHES BE EXCEEDED.
- TO MAINTAIN A SAFE, CLEAR, AND LEVEL WORKING AREA IN FRONT OF NEW OR EXISTING METER AND SERVICE EQUIPMENT, A CONCRETE SLAB OR OTHER SUITABLE PERMANENT HARD SURFACE, ACCEPTABLE TO THE COMPANY, MUST BE USED.
- FOR SWITCHBOARDS ABOVE 600V, FIVE-FOOT MINIMUM OF CLEAR AND LEVEL STANDING AND WORKING SPACE IS REQUIRED IN THE FRONT, REAR, AND SIDE OF ANY SECTION WHERE SUCH PART SUPPORTS OR PROVIDES ACCESS TO METERING, TESTING EQUIPMENT, OR SERVICE CABLE TERMINATION SECTIONS.

16.12. PROTECTIVE BARRIERS FOR SERVICE EQUIPMENT

BARRIER POSTS ARE USED TO PROTECT THE METER AND SERVICE EQUIPMENT, AS WELL AS PERSONNEL, FROM VEHICULAR CONTACT, AND TO PROHIBIT ENCROACHMENT INTO THE WORKING SPACE. (FOR EXAMPLE: LOADING ZONES, DRIVEWAYS, CONGESTED AREAS, OFF STREET PARKING, AND SO ON). THE CUSTOMER SHALL PROVIDE AND INSTALL "NON-REMOVABLE" BARRIERS TO PROVIDE THE PROPER SAFE WORKING CLEARANCES WHERE THE WORKSPACE IS EXPOSED TO VEHICULAR OR OTHER HAZARDOUS CONDITIONS. METERS WILL NOT BE SET UNTIL THE BARRIERS HAVE BEEN INSTALLED.

D99: 10/26/20

TYPICAL CONDUIT BANK SECTION  
SEE UGS CD 120



D81: Rev. 09/23/09

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.

TIE-IN MADE INTO A SECONDARY HANDHOLE

If PVC conduit is used, riser bend installation may be made by the customer with prior SCE approval. Customer not to remove handhole cover. If metallic conduit is used or handhole cover needs to be removed, a SCE Qualified Person must be present.

SCE Inspection

Contact SCE 48 Hours in advance  
for a Pre-Construction meeting  
and/or Inspection.

Email: NDPFCS@SCE.COM

D50: Rev. 05/17/21

UNDERGROUND SERVICE ALERT

Contact USA  
Dial 811 or 800-422-4133  
[www.digalert.org/contact](http://www.digalert.org/contact)

For Underground Locating  
Two Working Days Before You Dig

D16: Rev. 05/28/20

T.L.M. DATA: P5535593

	SIZE	KVA	CUST	% LOAD
EXIST.	25	0.9	2	4%
PROP.	25	20	3	80%

VOLTAGE DROP: 0.17

FLICKER FACTOR: N/A

PRI. CIRCUIT: KLEVEN 12KV

D27: REV. 12/10/21

Figure 3–27: Non-Residential Service Pedestals 0–200A, 0–600V

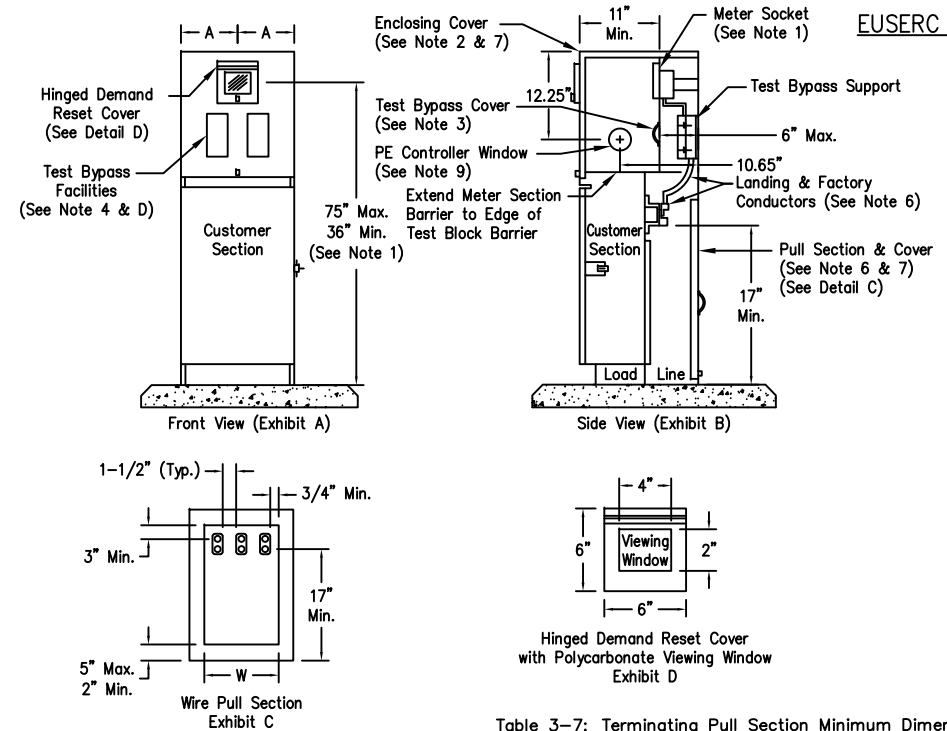


Table 3–7: Terminating Pull Section Minimum Dimensions

Service	W a/ (in)	A b/ (in)	a/ See Note 6. b/ See Note 2.
1 Phase	10–1/2	10	
3 Phase	12–1/2		

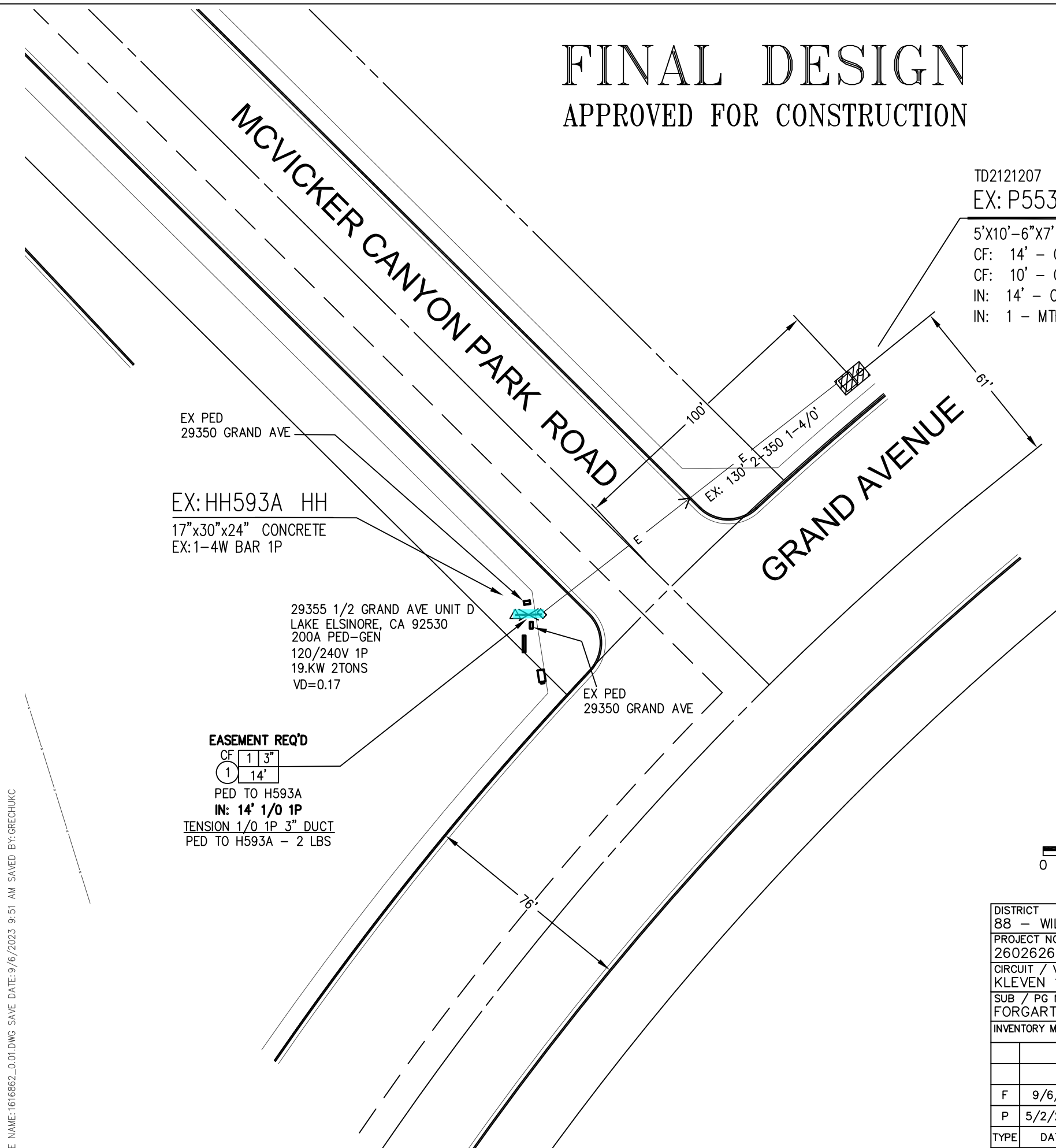
(Notes):

- The meter socket shall be rigidly mounted on a support, attached to the meter panel, and provided with a sealing ring. Ringless sockets are not acceptable. Meter height is measured from the center of the meter socket.
- The meter socket shall be enclosed and the enclosing cover shall be as follows:
  - Hinged to allow the top and front to be rotated back as one unit to expose the metering compartment. The 'A' Dimension applies when the metering compartment side panels are fixed and obstruct the meter side clearance. The lifting force required to open the cover shall not exceed 25 pounds.
  - Equipped with a lifting handle.
  - Provided with a demand reset cover with a viewing window (see Exhibit D). The reset cover shall be sealable and lockable with a padlock having a 5/16-inch lockshaft.
- Test-bypass compartment covers shall be sealable and fitted with a lifting handle; covers exceeding 16 inches in width shall require two lifting handles.
- Test-bypass blocks with rigid barriers shall be furnished, installed, and wired or bussed to the meter socket by the manufacturer. Connection sequences shall be LINE-LOAD from left to right and clearly identified by 3/4-inch minimum block letter labeling. See ESR-5 for test-bypass block details.
- Test-bypass shall be installed with the following clearances:
  - Three inches of vertical clearance from the upper test connector stud to the upper compartment access opening and 3 inches from the center of the cable terminal screw to the lower compartment access opening.
  - One and one-half inches of side clearance from the rigid insulating barriers to the compartment sides and one inch to the compartment access openings.
- The terminating pull section requirements are as follows:
  - Comply with the minimum dimensions shown in Table 3-7 (the 'W' Dimension is measured between the access opening return flanges), accept a minimum three-inch conduit, and the cover shall be equipped with a lifting handle.
  - Be equipped with aluminum-bodied, pressure-type lugs, with a range of #8 AWG through 250 kcmil, for termination of the service conductors. Insulated cable or bus shall be installed between the termination lugs and the test-bypass facilities.
  - Have a protective metallic barrier (16-gauge minimum) between the pull section and the customer distribution section. There shall be a 1/4-inch minimum clearance between the customer section wall and the barrier to prevent screws and bolts from protruding into the pull section.
- Compartment covers (for example, meter cover, demand reset cover, and pull section) shall be sealable and lockable with a padlock having a 5/16-inch lockshaft.
- Internal equipment attached to the outer walls of the enclosure shall be secured in place with devices that may not be loosened from the outside. Screws or bolts requiring special tools for installation or removal are not acceptable.
- Pedestals serving both metered and unmetered loads, for instance, traffic signals and street lighting, must have landing lugs, with customer wire from lugs-to-bypasses (metered load) and from lugs-to-breakers (unmetered loads). A photoelectric (PE) receptacle shall be required in the meter/test bypass compartment for the unmetered service. Company will furnish and install PE controller for unmetered service.
- Pedestal shall be structurally supported with anchors on a concrete pad.
- For identification purposes, the numeric portion of the address must be painted with weatherproof paint on the exterior face of the portion of the pedestal facing the street or drivable surface in numbers at least one inch high.

D155: Rev. 09/19/22

DISTRICT 88 – WILDOMAR			PROJ. MGR. VERNON, ROB PHONE (714) 973–5561			PLANNER KAROLINA GRECHUTA PHONE (951) 249–8622			DESIGNER KAROLINA GRECHUTA			
PROJECT NO. 2602626		SERVICE REQUEST 3490657		MSR NO.		PRODUCT–1 2121207–NEW METER & SERVICE					ASSOC DESGN	
CIRCUIT / VOLTAGE KLEVEN 12KV				GPS		PRODUCT–2					ASSOC DESGN	
SUB / PG NO. FOGARTY SUB (B1)				CIRCUIT CODE 09811		PRODUCT–3					ASSOC DESGN	
INVENTORY MAP 555–1651–5				J.P.A. NO.			PROPOSED CONSTRUCTION (LOCATION) DISH SITE #LSSNA02135C 29355 1/2 GRAND AVE UNIT D LAKE ELSINORE CA 92530					
F	9/6/23	A. ORTEGA	A. ORTEGA	K. GRECHUTA	19622							
P	5/2/2023	A. ORTEGA	A. ORTEGA	K. GRECHUTA	19622							
TYPE	DATE	APPROVED BY	CHECKED BY	DRAWN BY	PAX #	SHEET			DESIGN\DRWG NO.			
Southern California Edison Company						1 OF 2			1616862_0.01			

FINAL DESIGN  
APPROVED FOR CONSTRUCTION

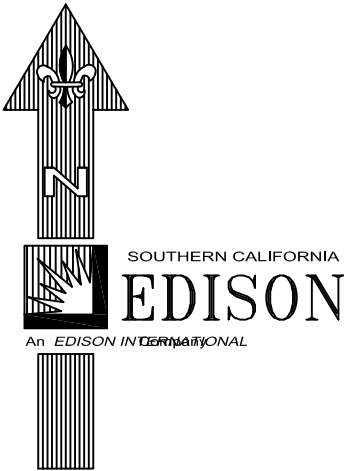


TD2121207  
EX: P5535593  
PME 1

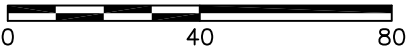
5'X10'-6"x7'  
TUB TYPE  
CF: 14' - CM DUCT 2 1/2" TO 4"  
CF: 10' - CM DUCT FOR EXCAVATION  
IN: 14' - CBL 2-1/0 1-2 AL 3-1/C 600V CLP PLEX  
IN: 1 - MTR KWH 30A 120/240 1P 3W

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 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"/>
DIG ALERT APP	<input type="checkbox"/>
VERIFIED ACTIVE AND CONFIRMED USA TICKETS	<input type="checkbox"/>
UTILQUEST NOTIFIED	<input type="checkbox"/>
STANDARD ADHERENCE: <u>1ST Q/ 2023</u> <u>Y</u>	

D124: Rev. 10/12/21



SCALE: 1" = 40'



DISTRICT 88 – WILDOMAR				PROJ. MGR. VERNON, ROB PHONE (714) 973–5561		PLANNER KAROLINA GRECHUTA PHONE (951) 249–8622		DESIGNER KAROLINA GRECHUTA		
PROJECT NO. 2602626		SERVICE REQUEST 3490657		MSR NO.		PRODUCT–1 2121207–NEW METER & SERVICE				ASSOC DESGN
CIRCUIT / VOLTAGE KLEVEN 12KV				GPS		PRODUCT–2				ASSOC DESGN
SUB / PG NO. FORGARTY SUB (B1)				CIRCUIT CODE 09811		PRODUCT–3				ASSOC DESGN
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Southern California Edison Company						2 OF 2		1616862_0.01		