CUSTOMER CONTACT: KEVIN KWAK 310-217-9643
SERVICE PLANNER: JOSHUA REMIJIO 562-756-3241
PRE CONSTRUCTION INSPECTOR: RON WHITTAKER 310-710-9606

CITY OF GARDENA
2SN- COMM/INDUST M&S UG
COPRA 4KV
MONETA SUB

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

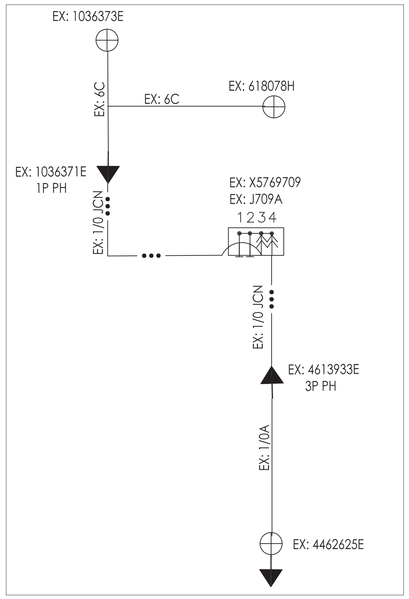
D16: Rev. 05/28/20

CUSTOMER AND CREW MAP
TD2136115

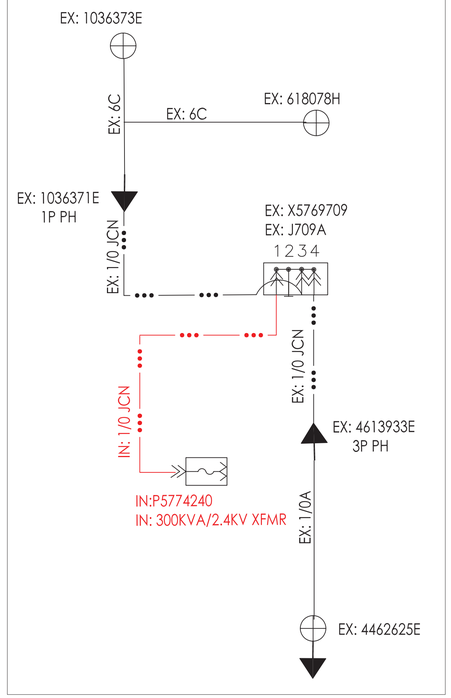
PROJECT REQUIREMENTS (Y/N)	
EDISON EASEMENT REQUIRED	[N]
PWRD 88 REQUIRED	[N]
UG CIVIL ONLY WORK ORDER	[N]
PERMIT REQUIRED	[Y]
PERMIT TYPE: ENCROACHMENT	
OUTAGE REQUIRED	[N]
OUTAGE DATE: N TIME: N	
TRAFFIC CONTROL REQUIRED	[Y]
PED. TRAFFIC CONTROL REQ'D	[N]
CONVEYANCE LETTER REQ'D	[N]
ENVIRONMENTAL REQUIREMENTS DOCUMENT (ERD) REQUIRED	[N]
CSD 140 (TLM) REQ'D	[Y]
CIRCUIT MAP CHANGE REQ'D (TD 203)	[Y]
DIG ALERT APP	[Y]
VERIFIED ACTIVE AND CONFIRMED USA TICKETS	[ ]
UTILIQUEST NOTIFIED	[ ]
STANDARD ADHERENCE: 2NDQ/2023 Y	

D124: Rev. 03/21/23

EXISTING SINGLE LINE
COPRA 4KV
MONETA SUB



PROPOSED SINGLE LINE
COPRA 4KV
MONETA SUB



TD2136115
EX: X5769709 PULL BOX 1
3'X5'X4' CONCRETE FULL TRAFFIC
CF: 160' – CM DUCT 5"
CF: 163' – CM DUCT FOR EXCAVATION
IN: 190 – CBL 1/0 AL 3–1/C 17KV CLP PJ
MI: 8 – CBL 1/0 AL 3–1/C 17KV CLP PJ

NOTE: EX: 5" CAPPED CONDUIT WORK TO BE DONE ON TD:2030934

CF 1 5"
3 160'
P/L TO CAP
IN: 190' 3–1/0 JCN 16KV
TENSION 3–1/0 JCN 5" DUCT
P4240 TO CAP – 297 LBS
CAP TO P4240 – 463 LBS

CO: 1–5" (32')
P4240 TO P/L
IN: 190' 3–1/0 JCN 16KV
TENSION 3–1/0 JCN 5" DUCT
P4240 TO CAP – 297 LBS
CAP TO P4240 – 463 LBS

TD2136115
2 CO:P5774240 PAD
94"X72" CONCRETE
CO: 1 – S PRECAST PAD 72" X 94"
IN: 1 – CNN BOLTS PM 4/0 AND UP 12/16KV 3P
IN: 1 – TR PM F DE 300KVA 4KV 277/480Y 3P
SN: _____
IN: 24' – CBL (2) 4/0, (1) 1/0 600V CLP PLEX
MI: 8' – CBL (2) 4/0, (1) 1/0 600V CLP PLEX
IN: 2 – CNN HYLUGS PM 3–4/0 1–1/0 12/16KV 3P
IN: 1 – MTR XRANGE CT BAR TO 600/5 277/480 3P 4W

CO: 1–4" (24')
P4240 TO PNL
IN: 24' 4/0 1P
TENSION 4/0 1P 4" DUCT
P4240 TO PNL – 6 LBS

VD=0.28
400 PANEL
277/480V 3P
122KW OTONS
1654 W 160TH ST
GARDENA,CA 90247

T.L.M. DATA: P5774240

	SIZE	KVA	CUST	% LOAD
EXIST.	0	0	0	0%
PROP.	300	143	1	47%

VOLTAGE DROP: 0.28
FLICKER FACTOR: N/A
PRI. CIRCUIT: COPRA 4KV

D27: REV: 12/10/21

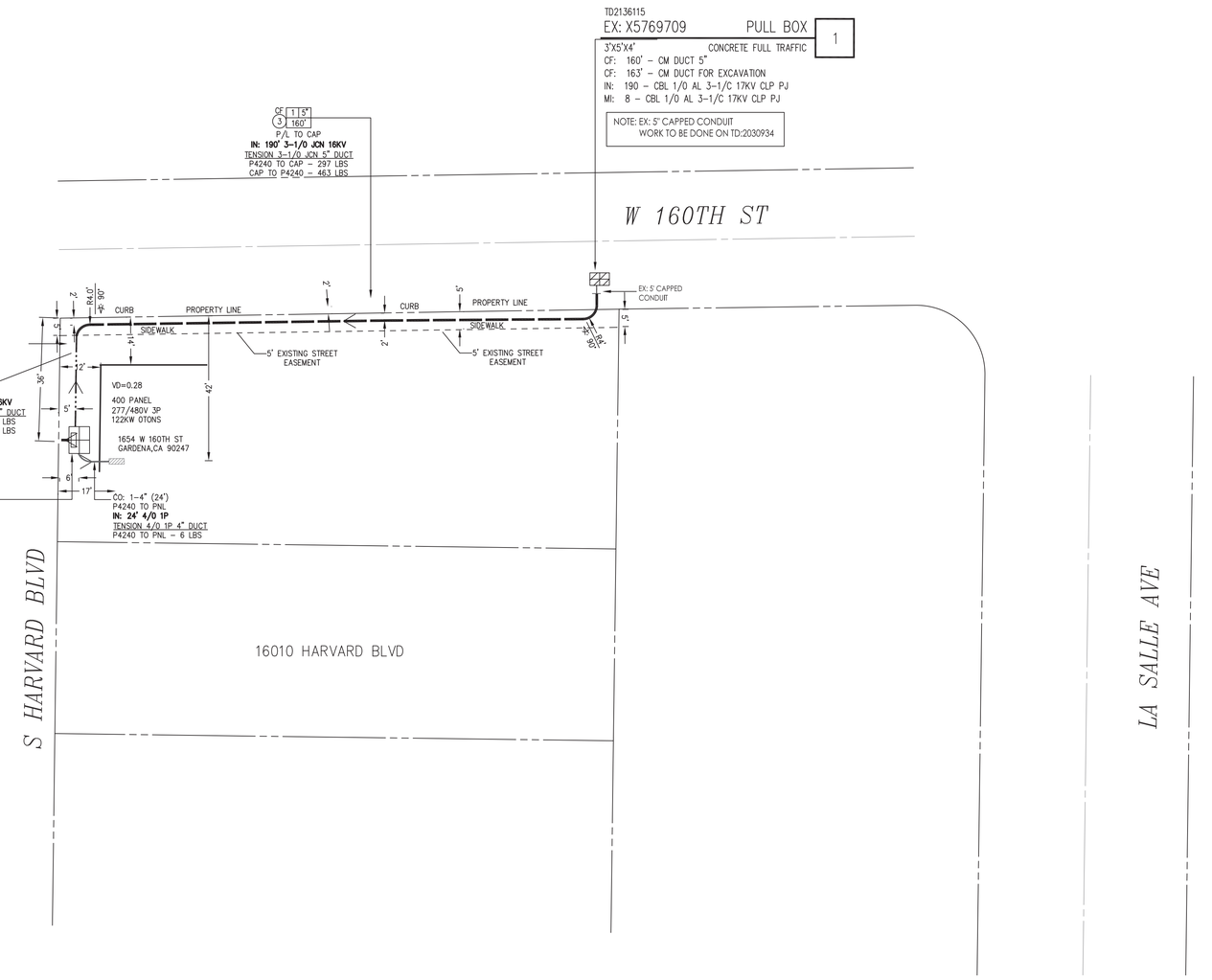
THIS PLAN APPROVED AS TO LOCATION AND TYPE OF ELECTRIC SUBSTRUCTURES

Developer: _____
Attn: _____
Address: _____
_____
Telephone: _____
FAX: _____

Dwg./Rev.	Developer's Signature	Date
Original		
Rev.		
Rev.		
Rev.		

CHANGES IN THESE PLANS WILL REQUIRE AN ADDITIONAL 3 TO 4 WEEKS AND CUSTOMER WILL BE CHARGED IN ADVANCE FOR REQUESTED CHANGES.

D26: Rev. 02/12/08



N

SOUTHERN CALIFORNIA EDISON
An EDISON INTERNATIONAL Company

SCALE: 1" = 20'
0 20 40

FINAL DESIGN
APPROVED FOR CONSTRUCTION

DISTRICT: 44 – SOUTH BAY	PROJ MGR. REMIJIO, JOSHUA M PHONE 562–756–3241	PLANNER REMIJIO, JOSHUA M PHONE 562–756–3241	DESIGNER ELLIS, CASSANDRA D	
PROJECT NO. 2653032	SERVICE REQUEST 3540168	MSR NO.	PRODUCT–1 2136115–NEW METER & SERVICE	ASSOC DESGN
CIRCUIT / VOLTAGE COPRA 4KV		GPS	PRODUCT–2	ASSOC DESGN
SUB / PG NO. MONETA		CIRCUIT CODE	PRODUCT–3	ASSOC DESGN
INVENTORY MAP 043–068A		J.P.A. NO.	PROPOSED CONSTRUCTION (LOCATION) NEW SERVICE 400A – 277/480A – 3P – 4W 1654 W 160TH ST GARDENA CA 90247	
F 6/13/2023	MICHAEL GLENN	JOSHUA REMIJO	C ELLIS	33308
TYPE DATE	APPROVED BY	CHECKED BY	DRAWN BY	PAX #
Southern California Edison Company			SHEET 1 OF 2	DESIGN\DRWG NO. 1629466_1.01

FILE NAME:1629466_1.01.DWG SAVE DATE:6/29/2023 12:16 PM SAVED BY:SHNE1

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.

CITY OF GARDENA
2SN- COMM/INDUST M&S UG
COPRA 4KV
MONETA SUB

CUSTOMER AND CREW MAP
TD2136115

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. CONDUIT:
   a. Minimum cover in street or parkway 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 148 and service conduits per UGS CD 150.
   g. Install blank conduit plugs in all conduits terminating into Vaults, Manhole's, PMH's, SOE's & all cap locations, per UGS CD 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 mandreled 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 6.4 and around PMH'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 floored 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.

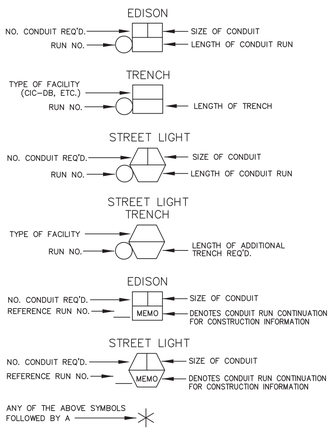
18. INSPECTION:
    Inspection is required during the construction period. A 48 hour advance notice of intent to start construction is required from the contractor to the Southern California Edison Company. Standards of Edison construction requirements are available upon request.

Duct and Structure Inspector: RON WHITTAKER Phone: 310-710-9606

Cabling Construction Coordinator: Phone:

D05: Rev. 07/21/16

LEGEND 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

CONCRETE PRODUCTS

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

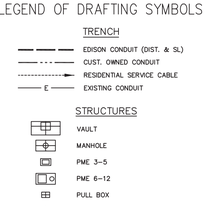
JENSEN PRECAST
14221 San Bernardino Ave., Fontana, Calif. 92335
Phone: (909) 350-4111
(800) 257-6100

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

LEGEND OF DRAFTING SYMBOLS



D128: Rev. 11/10/20

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 8256. 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 FACILITES.

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: 11/13/18

FOR PLASTIC PRODUCTS:

Plastic structures shown on this drawing are available from one or more of the following companies

Armorcast Products Co.
13230 Saticoy Street
North Hollywood, CA 91605
(818) 982-3600

Associated Plastics, Inc.
2626 Kansas Avenue
Riverside, CA 92507
(909) 787-0600

Brooks Products, Inc.
1850 Parco Avenue
Ontario, CA 91761
(909) 947-7470

Carson Industries, Inc.
1925 "A" Street
La Verne, CA 91750
(909) 596-1988

CDR Systems Corp.
533 N. Nova Road, Suite 208
Ormond Beach, FL 32174
(800) 929-8207

Quazite Corp.
615 North King Road
San Jose, CA 95133
(408) 923-5333 / (310) 225-5500

D130: Rev. 11/10/20

RUN NUMBER CALL-OUTS AS FOLLOWS:

(1) – (199) MAINLINE CONDUIT

(200) – (599) SERVICE CONDUIT

(600) – (799) STREET LIGHT CONDUIT

D84: Rev. 10/26/20

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 sweeps are:
36" for conduits 3" in diameter or smaller
12'-6" for conduits 4" in diameter and larger, unless otherwise noted.

PAD FOR SURFACE-MOUNTED TRANSFORMER
SEE UGS SS 504

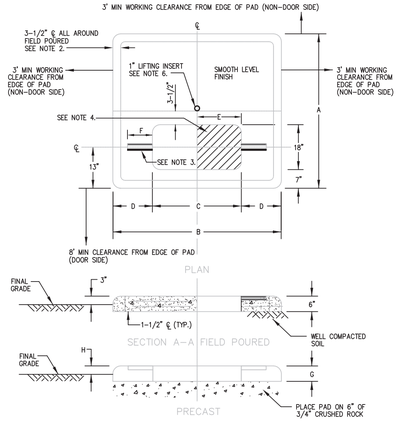


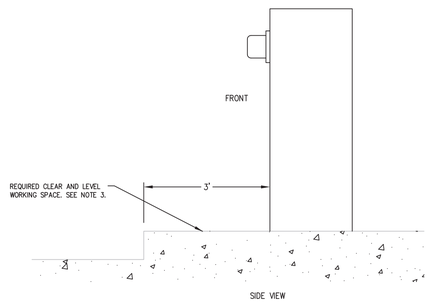
TABLE SS 504-1: Surface-Mounted Transformer Pads-Dimensions

Transformer	Pad Dimensions (in)								Weight (lb)	SAP
	A	B	C	D	E	F	G	H		
1ø 25 KVA-167 KVA	54	48	26	11	12	6	4	2	750	10118012
3ø 75 KVA-500 KVA SW and Fuse	72	94	50	22	22	14	6	3	3,200	10118013

Note(s):
1. Concrete to be 3,000 psi (minimum) at 28 days.
2. Reinforcing steel to be No. 4 bars installed in a double net. Perimeter bars to be continuous (8" minimum lap or weld).
3. Hold-down brackets to be P-3200 series unistrut (or equal).
4. Primary cables must be installed in shaded area of drawing above as far to the right as possible on single phase transformers only. On three-phase transformers primary cables must be installed in the unshaded area of drawing above as far left as possible.
5. See AC 701 for pad-mounted transformer/capacitor grounding requirements and AC 703 for approved grounding materials.
6. 1-inch listing insert to be located at center of gravity on precast pads.
7. See SS 500 for approved manufacturers.
8. The three-phase transformer shall only be used on a pad when four or fewer services are to be installed. A slab box should be used when more than four services will be installed.
9. Use a thin layer of redi-crete (or equivalent) for rodent and weed control or where transformer does not fully cover opening in pad.
10. A 17" x 30" x 15" plastic handhole (SAP 10117726) shall be inverted and installed under the cable opening of the pad. This will provide adequate cable slack for operation of the load-break elbows on single phase transformers only.

D43: Rev. 10/26/20

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



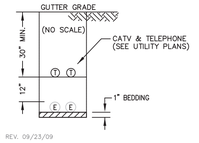
NOTES:
1. A MINIMUM OF THREE (3) FEET OF CLEAR, LEVEL WORK SPACE IS REQUIRED IN FRONT OF ALL TERMINATION, METERING, AND SERVICE EQUIPMENT.
2. SEE ESR-5 FOR METER-MOUNTING HEIGHT REQUIREMENTS. METER MOUNTING HEIGHT WILL BE MEASURED FROM THE STANDING AND WORKING SPACE TO THE CENTERLINE OF THE METER(S).
3. 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.
4. 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.
5. 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 SECTION
JOINT WITH CATV & TELE
SEE UGS CD 120



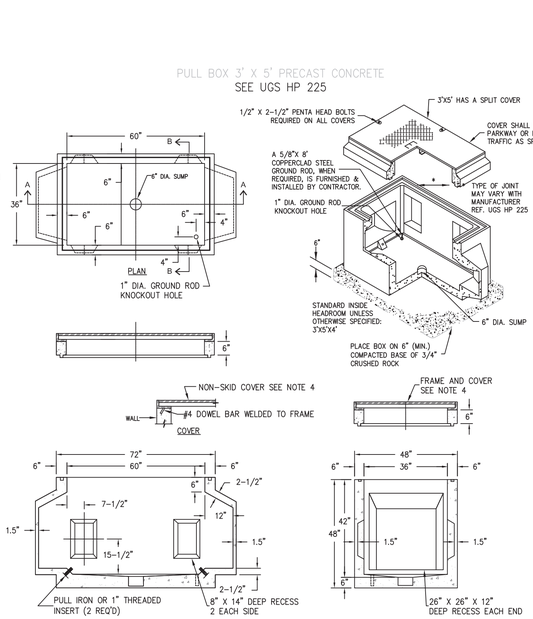
D81-J REV. 09/23/09

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).

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.

PULL BOX 3' X 5' PRECAST CONCRETE
SEE UGS HP 225



NOTE(S):
1. REINFORCEMENT:
   H20-S BRIDGE LOADING.
2. CONCRETE:
   CONCRETE SHALL BE CLASS "A" WITH 28-DAY COMPRESSIVE STRENGTH OF 3,000 PSI (MINIMUM). SLIGHT TAPER (3/4" IN DEPTH OF PULL BOX) AND 1" CHAMFER ON ALL INSIDE CORNERS PERMITTED FOR EASE OF FORMING.
3. INSTALLATION:
   PULL BOX SHALL BE PLACED ON 6" (MINIMUM) COMPACTED ROCK OR SAND BASE TO ENSURE UNIFORM DISTRIBUTION OF SOIL PRESSURE IN FLOOR. MINIMUM EXCAVATION FOR PULL BOX SHALL BE 52" X 97" X DEPTH TO SUIT JOB.
4. COVERS:
   SEE FC 612 AND FC 618 FOR PULL BOX COVERS.
5. GRADE RINGS:
   INSTALLING CONTRACTOR SHALL PROVIDE GRADE RINGS (6" MINIMUM) AS NECESSARY IN ORDER TO MAINTAIN COVER OVER CONDUITS PER SCE SPECIFICATIONS OR PERMIT AGENCY SPECIFICATIONS, WHICHEVER IS GREATER.
6. PULL IRONS AND EYES:
   SEE AC 729 OR PULL IRONS AND AC 720 FOR PULL EYES.

D53C: Rev. 02/12/21

DISTRICT	PROJ. MGR. REMIJIO, JOSHUA M	PLANNER REMIJIO, JOSHUA M	DESIGNER
44 – SOUTH BAY	PHONE 562-756-3241	PHONE 562-756-3241	ELLIS, CASSANDRA D

PROJECT NO.	SERVICE REQUEST	MSR NO.	PRODUCT-1	ASSOC DESGN
2653032	3540168		2136115-NEW METER & SERVICE	
CIRCUIT / VOLTAGE		GPS	PRODUCT-2	ASSOC DESGN
COPRA 4KV				
SUB / PG NO.		CIRCUIT CODE	PRODUCT-3	ASSOC DESGN
MONETA				

INVENTORY MAP	J.P.A. NO.	PROPOSED CONSTRUCTION (LOCATION)
043-068A		NEW SERVICE 400A – 277/480A – 3P – 4W
		1654 W 160TH ST
		GARDENA CA 90247

TYPE	DATE	APPROVED BY	CHECKED BY	DRAWN BY	PAX #
F	6/13/2023	MICHAEL GLENN	JOSHUA REMIJIO	C ELLIS	33308

Southern California Edison Company

SHEET 2 of 2

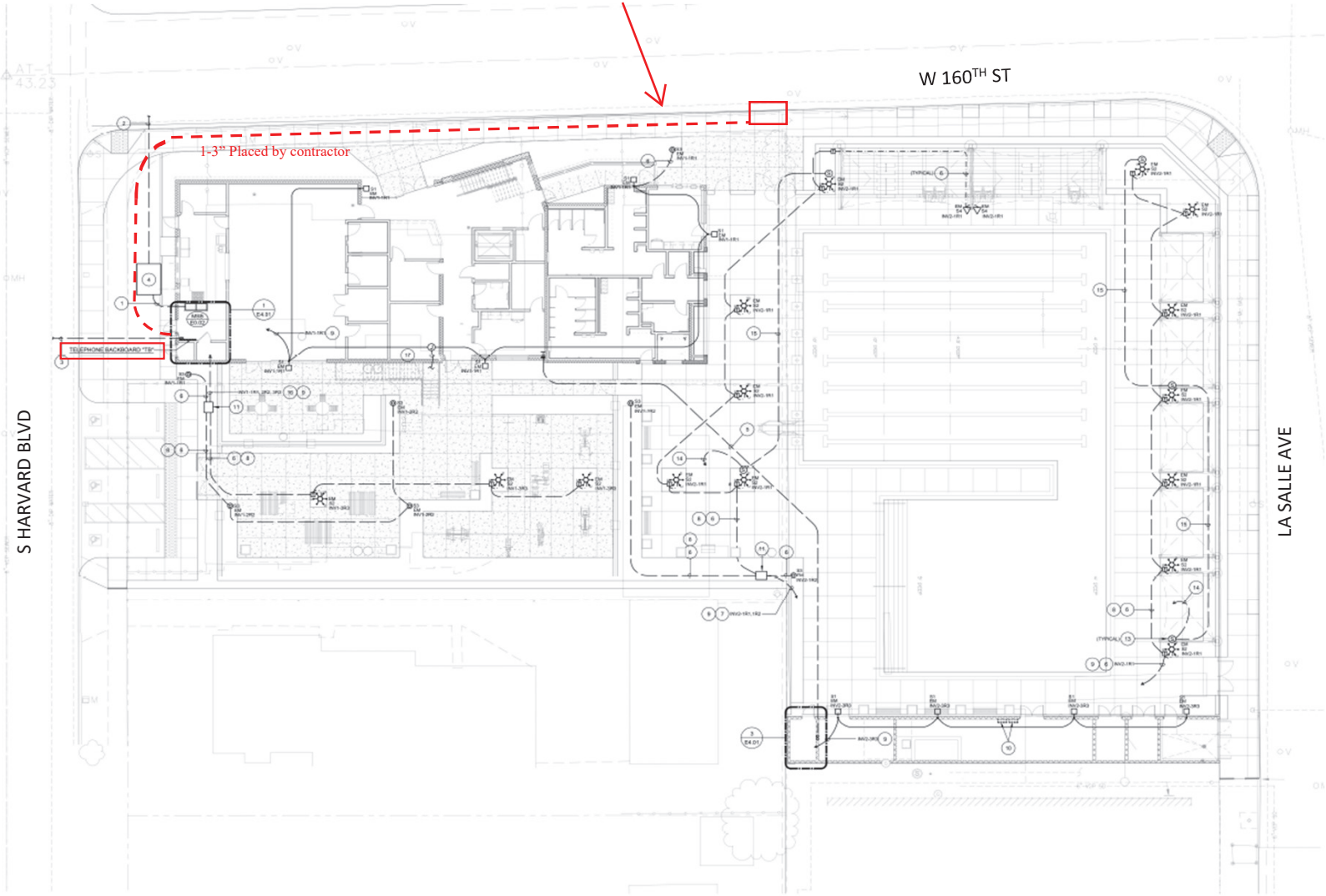
DESIGN\DRWG NO. 1629466_1.01

FILE NAME: 1629466_1.01.DWG SAVE DATE: 6/29/2023 12:16 PM SAVED BY: CHINET

Charter Inspector
Jose Ortiz | Construction Coordinator | (310) 429-3459
1529 Valley Dr. | Hermosa Beach, Ca 90254

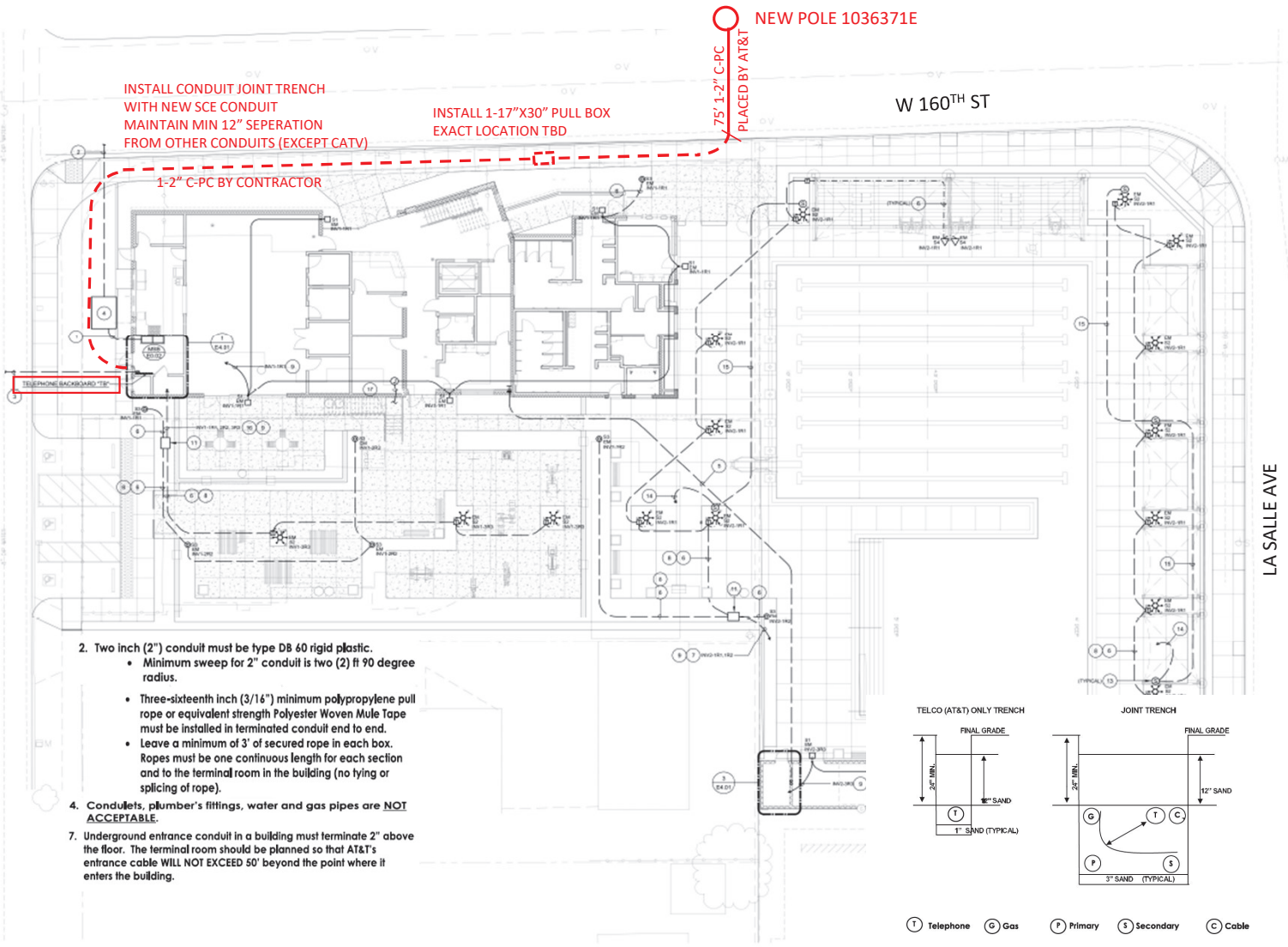
Place 1-3" conduit from vault being placed under relocation to customer MPOE

CHARTER PRELIMINARY
RECOMMENDATIONS FOR:
GARDENA COMMUNITY
AQUATICS AND SENIOR CENTER
PROJECT
1654 W 160TH ST. GARDENA, CA



PRELIMINARY RECOMMENDATIONS FOR:
GARDENA COMMUNITY AQUATICS AND
SENIOR CENTER PROJECT
1654 W 160TH ST. GARDENA, CA

NOT TO SCALE
DRAWN BY: CC1648



2. Two inch (2") conduit must be type DB 60 rigid plastic.
   - Minimum sweep for 2" conduit is two (2) ft 90 degree radius.
   - Three-sixteenth inch (3/16") minimum polypropylene pull rope or equivalent strength Polyester Woven Mule Tape must be installed in terminated conduit end to end.
   - Leave a minimum of 3' of secured rope in each box. Ropes must be one continuous length for each section and to the terminal room in the building (no tying or splicing of rope).
4. Conduits, plumber's fittings, water and gas pipes are NOT ACCEPTABLE.
7. Underground entrance conduit in a building must terminate 2" above the floor. The terminal room should be planned so that AT&T's entrance cable WILL NOT EXCEED 50' beyond the point where it enters the building.

T Telephone G Gas P Primary S Secondary C Cable

Material Specifications

All pull boxes, splice boxes and manholes placed by the developer that will be owned and maintained by the property owner must be approved for use by AT&T. The developer may purchase from any manufacturer that meets AT&T's specifications for boxes and manholes, and must include the appropriate racking, sump, bolt down cover, and pulling eyes. Boxes and manholes owned by the property owner must have a generic telephone emblem on the lid. The use of AT&T's name or logo is not permitted on a property owner's boxes and manholes.