

MAIN DETAIL
SCALE: 1" = 20'

GENERAL NOTES:

ALL CONDITIONS ON THIS DRAWING MUST BE MET PRIOR TO PERMANENT ELECTRICAL SERVICE.

- X = INDICATES NOTE IS REQUIRED FOR THIS JOB.
- SERVICE VOLTAGE SHALL BE 208/120V. V. 4 W 3 Ø (PER UNIT).
- AVAILABLE SHORT CIRCUIT IS _____ AMPS SYMMETRICAL.
- ALL METERS MUST BE GROUPED AND ACCESSIBLE TO TENANTS AND THE UTILITY AT ALL TIMES.
- METER ENCLOSURES SHALL MEET METER CABINET ENCLOSURE CLEARANCES PER CITY OF SANTA CLARA ELECTRIC DEPARTMENT DRAWINGS MS-06 AND MS-07, REVISION 0.
- ELECTRIC METERS AND MAIN SERVICE DISCONNECTS SHALL BE LOCATED OUTSIDE OF BUILDING OR IN A UTILITY ROOM DIRECTLY ACCESSIBLE FROM THE OUTSIDE. THE CITY SHALL HAVE IMMEDIATE AND UNHINDERED ACCESS TO THIS EQUIPMENT AT ALL TIMES WITHOUT NOTICE.
- SWITCHBOARD MANUFACTURER SHALL SUBMIT SWITCHBOARD DRAWINGS FOR REVIEW, IN TRIPPLICATE, PRIOR TO FABRICATION. SEND TO: SILICON VALLEY POWER, 1500 WARBURTON AV, SANTA CLARA, CA 95050 - ATTN: JOHN SANDERS
- CUSTOMER TO FILL OUT LOAD SURVEY FORM (COPY ATTACHED) WITH COMPLETE LOAD BREAKDOWNS, SERVICE DATE, SIZE AND NUMBER OF SERVICE ENTRANCE CONDUCTORS (PER BLDG.).
- PROVIDE 1-2" CONDUIT FROM UTILITY METER COMPARTMENT TO MPOE PHONE BOARD COORDINATE WITH METER SHOP FOREMAN GARY O'CONNELL AT (408) 615-5626.
- ELECTRICAL PERMITS FOR SERVICE ENTRANCE AND OTHER PRIVATE ELECTRICAL WORK SHALL BE OBTAINED FROM THE CITY PERMIT CENTER PRIOR TO START OF WORK OR PROVIDE LETTER FROM
- ELECTRIC EASEMENTS ARE REQUIRED AND MUST BE SIGNED PRIOR TO CONNECTING PERMANENT SERVICE. DOCUMENTS TO FOLLOW. NO TREES MAY BE PLANTED IN UG EASEMENT AREAS
- DEVELOPER SHALL FURNISH AND INSTALL ALL MATERIAL ON-SITE AND OFF-SITE IN ACCORDANCE WITH THIS DRAWING AND SILICON VALLEY POWER STANDARD U.G. 1000, REVISION 5.
- PROVIDE REDWOOD HEADERS OR CONFORM LANDSCAPE MOUNDS TO AVOID COVERING ELECTRICAL PULLBOXES AND VAULTS. TREES SHALL BE A MINIMUM OF 5'-0" FROM CENTER LINE OF TRENCH.
- SEE U.G. 1000, REVISION 5, SHEETS 3 & 4 FOR WORK REQUIREMENTS. LABEL PHASE AND NEUTRAL ON SERVICE ENTRANCE CONDUCTORS. FOR MULTI-BLDG. SITE, IDENTIFY AS TO BLDG. SERVED. SILICON VALLEY POWER ELECTRIC CREWS WILL MAKE ALL CONNECTIONS TO UTILITY SYSTEM.
- SEE UG-1000, REVISION 5, SHEET 9 FOR UTILITY INSPECTIONS. CALL (408) 640-6302
- FOR ALL WORK IN THE PUBLIC RIGHT-OF-WAY, OBTAIN REQUIRED STREET OPENING PERMIT FROM THE CITY PERMIT CENTER. TREES SHALL BE A MINIMUM OF 5' FROM CENTERLINE OF TRENCH.
- PRIOR TO ANY EXCAVATION, CALL UNDERGROUND SERVICE ALERT (U.S.A.) AT (800) 227-2600.
- COORDINATE WORK WITH LINE MAINTENANCE AND CONSTRUCTION DIVISION AT (408) 615-5600.

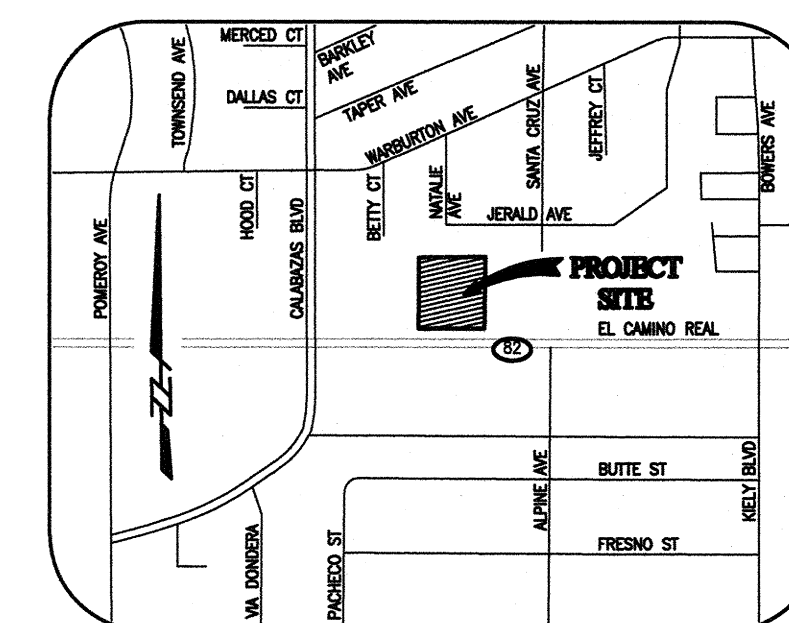
CONSTRUCTION NOTES:

- 1 CAP 4P5, S5, AND UE4 AT PROPERTY LINE FOR FUTURE SVP USE.
- 2 ROUTE SL2 INTO (E) SL BOX
- 3 SWEEP 4P5, S5, UE4, AND SL2 WITHOUT USING BENDS OR ANGLE COUPLINGS. SEE UG-1000, REV 5.1, SHEET 32.
- 4 ROUTE SL2 INTO (E) SL BOX AS SHOWN.
- 5 INSTALL: 1-5" X 45" X 5'R PVC BEND (SECONDARY).
INSTALL: 1-2" X 45" X 3'R PVC BEND (U/E).
INSTALL: 2-2" X 45" X 3'R PVC BEND (U/E).
- 6 DEMOLISH (E) SL BOX AND (E) ST BASE. CONNECT BOTH ENDS OF CONDUITS.
- 7 INTERCEPT & CUT-INTO E1FA1.5 & ESL3. ROUTE BOTH ENDS INTO (N) SL BOX.
- 8 INSTALL: 4-5" X 90" X 5'R PVC BENDS (PRIMARY).
- 9 INSTALL: 4-5" X 90" X 5'R PVC BENDS (PRIMARY).
INSTALL: 2-4" X 90" X 3'R PVC BEND (U/E).
INSTALL: 1-2" X 90" X 3'R PVC BEND (S/L).
- 10 INSTALL: 2-5" X 90" X 5'R PVC BENDS (PRIMARY).
INSTALL: 1-4" X 90" X 3'R PVC BEND (U/E).
INSTALL: 1-2" X 90" X 3'R PVC BEND (S/L).
- 11 INSTALL: 4-5" X 45" X 5'R PVC BEND (SECONDARY).
- 12 CUSTOMER OWNED UNDERGROUND ELETRIC SERVICE ENTRANCE BY DEVELOPER IN ACCORDANCE WITH CITY OF SANTA CLARA BUILDING INSPECTION CODES. DEVELOPER TO CONFIRM SIZE, QUANTITY AND ROUTING OF SERVICE CONDUITS WITH CSC BUILDING INSPECTOR PRIOR TO INSTALLATION. TYPICAL EACH BUILDING.
- 13 INSTALL: 2-5" X 45" X 5'R PVC BEND (SECONDARY).
- 14 CAP 4P5, S5, UE4, AND SL2 AT PROPERTY LINE FOR FUTURE SVP USE.
- 15 INSTALL: 2-5" X 90" X 5'R PVC BENDS (PRIMARY).
- 16 ROUTE 1 OF 2P5 TO RISER AT BASE OF POLE USING 5" X 45" X 5'R PVC BEND (PRIMARY). CAP 1P5 AT PROPERTY LINE FOR FUTURE SVP USE.
- 17 SWEEP S5 & UE4 AROUND (N) MH-1883 WITHOUT USING BENDS OR ANGLE COUPLINGS. SWEEP 4P5 INTO (N) MH-1883 WITHOUT USING BENDS OR ANGLE COUPLINGS. SEE UG-1000, REV 5.1, SHEET 32.
- 18 INSTALL: 4-5" X 90" X 5'R PVC BENDS (PRIMARY).
INSTALL: 1-4" X 22.5" X 3'R PVC BEND (U/E).

IN ORDER TO CONSTRUCT WORK SHOWN ON THIS DRAWING YOU MUST HAVE A VALID BUILDING PERMIT AND START CONSTRUCTION WITHIN 6 MONTHS OF DATE OF APPROVAL OF THIS DRAWING. FOR AN EXTENSION OF TIME PLEASE CONTACT S.V.P. AT (408) 261-5292.

LEGEND

	NEW/INSTALL	EXISTING
PL	PROPERTY LINE	
EE	ELECTRICAL EASEMENT	
CONDUITS/TRENCH INSTALL PER NOTE (34)		
NOTE: DO NOT USE FLEX CONDUIT, OR DEGREE COUPLINGS ANYWHERE ON THIS JOB. ONLY USE BENDS WHERE CALLED FOR BY CONSTRUCTION NOTE. FOR TYPICAL TRENCH SECTION SEE UG-1000 REV.5 SHEET 34		
P	OR PRI	PRIMARY
S	OR SEC	SECONDARY
S/L	OR ST. LT.	STREET LIGHT
F/A		FIRE ALARM
U/E		UTILITY/ELECTRICAL
PP	POWER POLE & RISER AS REQUIRED ON PLAN. RISER PER NOTE (37)	
S/L	FD	STREET LIGHT FOUNDATION
S/L	FD	STREET LIGHT FOUNDATION AND ELECTROLIER
UNDERGROUND ELECTRIC SERVICE ENTRANCE BY DEVELOPER IN ACCORDANCE WITH CITY OF SANTA CLARA BUILDING INSPECTION DIVISION CODES.		
GUARD PIPE PER NOTE (13) 'A' OR 'B' (13)		
TYPE 'A' OR 'B' AS REQUIRED		
LVPB	LOW VOLTAGE PULL BOX	
PER NOTE (18) S/L, LV, OR U/E (AS NOTED ON PLAN)		
PER NOTE (21)		
PER NOTE (19)		
PB	PRIMARY PULLBOX PER NOTE (24) LABEL 'PB-ID#*' (USE ID# SHOWN ON PLAN)	
MH	PRIMARY MANHOLE PER NOTE (25) LABEL 'MH-ID#*' (USE ID# SHOWN ON PLAN)	
V	PRIMARY SWITCH VAULT PER NOTE (26) LABEL 'V-ID#*' (USE ID# SHOWN ON PLAN)	
TRANSFORMER PAD PER NOTE (15)		
UG-1000 REV. 5		
CITY OF SANTA CLARA ELECTRIC DEPT. UNDERGROUND ENGINEERING STANDARD, REVISION NUMBER 5.		
FOR DETAILS OF THESE BALLOON NOTE NUMBERS SEE THE CORRESPONDING PAGE NUMBER IN UG-1000 REVISION 5.		



LOCATION MAP
N.T.S.

DEVELOPER'S WORK

REVISION	DATE	APPROVED
DESIGNED BY:		
APPROVED BY:		
L. Buttitta		
MIXED-USE DEVELOPMENT 3035 EL CAMINO REAL		DRAWN BY: B. RUBIO/J. TIU SCALE: 1/20 DATE: 9/14/21
SILICON VALLEY POWER CITY OF SANTA CLARA		MAP #: XX SHT 1 OF 1 DRAWING NUMBER 35680
		REV