

REQUIRED PERMITS
 COUNTY CITY
 TRAFFIC CONTROL

NOTES: 09-18-18

REFER TO ELECTRIC & GAS SERVICE REQUIREMENTS (GREEN BOOK) OR SEPARATE PG&E STANDARD DRAWINGS. CONTACT YOUR PG&E REPRESENTATIVE FOR COPIES, OR ACCESS www.pge.com/greenbook

- CONDUIT, TRENCHING, AND BACKFILL:**
- 1) ALL DIMENSIONS AND LOCATIONS ARE ESTIMATED, APPROXIMATE AND MAY BE SUPERSEDED BY A JOINT TRENCH DRAWING. REFER TO THE JOINT TRENCH COMPOSITE DRAWING FOR EXACT TRENCH LOCATION
 - 2) MAINTAIN MAXIMUM PRACTICABLE HORIZONTAL CLEARANCE BETWEEN PG&E FACILITIES AND "WET" UTILITIES (WATER, SEWER, STORM DRAIN, ETC.). THE MIN. ALLOWABLE SEPARATION BETWEEN PG&E FACILITIES AND ANY PARALLEL "WET" UTILITY IS 3'/FT. WITH A PRESENCE OF 1'/FT. OF UNDISTURBED EARTH OR THE INSTALLATION OF A SUITABLE BARRIER. THIS MEASUREMENT IS BETWEEN THE OUTER EDGE OF THE PG&E FACILITY AND THE OUTER EDGE OF THE PARALLEL "WET" FACILITY. IF 3'/FT. CANNOT BE MAINTAINED, A FORMAL VARIANCE MUST BE OBTAINED FROM PG&E WORK WITH THE PG&E INSPECTOR (REFERENCE PG&E UO STANDARD S5453).
 - 3) BOX, PAD, AND CONDUIT SIZES AND LOCATIONS SHALL CONFORM TO THE PG&E ELECTRIC CONSTRUCTION DRAWING.
 - 4) PROVIDE LONG CONDUIT SWEEPS WHERE INDICATED. RECOMMENDED SWEEP RADIUS (10' OF RADIUS PER INCH OF CONDUIT DIAMETER) EXAMPLE: 4" CONDUIT = 40' RADIUS
 - 5) DO NOT EXCEED 300 DEGREES OF BENDS IN ANY CONDUIT RUN (INCLUDING FEED LOCATION). NOTE: SECONDARY AND SERVICE RUNS OF 200 FEET OR LESS MAY HAVE UP TO 315 DEGREES OF BENDS (REFERENCE PG&E DOCUMENT 038193).
 - 6) MANUFACTURED BENDS OR APPLICATION OF HEAT SHALL NOT BE USED TO OBTAIN LONG CONDUIT SWEEPS.
 - 7) ALL CONDUITS SHALL BE PROVEN AND A POLYESTER PULLING TAPE INSTALLED.
 - 8) MANUFACTURED BENDS ARE NOT TO BE CUT, SHORTENED, OR ALTERED IN ANY WAY.
 - 9) IDENTIFY ENDS OF BURIED CONDUIT WITH AN ELECTRONIC MARKER AND A VERTICAL CONDUIT SCRAP INSTALLED FROM RIGID CAP TO GROUND LEVEL.
 - 10) CONDUITS ENTERING PRIMARY BOXES SHALL BE AT A RIGHT ANGLE TO THE WINDOW OR WALL.
 - 11) STUB CONDUITS AT RISER POLES IN QUADRANTS AS SHOWN. AT IDENTIFIED POLE LOCATIONS, THE TRENCHING AGENT IS TO EXCAVATE TO TRENCH DEPTH AND INSTALL A 30" DIAMETER CARDBOARD TUBE. THE RISER CONDUIT BEND IS TO BE PLACED OUTSIDE AND ADJACENT TO THE TUBE AT THE POLE QUADRANT INDICATED. BACKFILL AROUND AND INSIDE TUBE WITH CLEAN NATIVE FILL.
 - 12) LS2 STREET LIGHT CONDUIT GOING TO PG&E BOXES OR PEDESTALS NOT DESIGNATED AS P.O.S. (INCLUDING TRANSFORMERS) WILL NOT BE ACCEPTED OR CONNECTED.
 - 13) ONLY ONE LS2 STREET LIGHT (P.O.S.) CONNECTION PER BOX OR PEDESTAL.

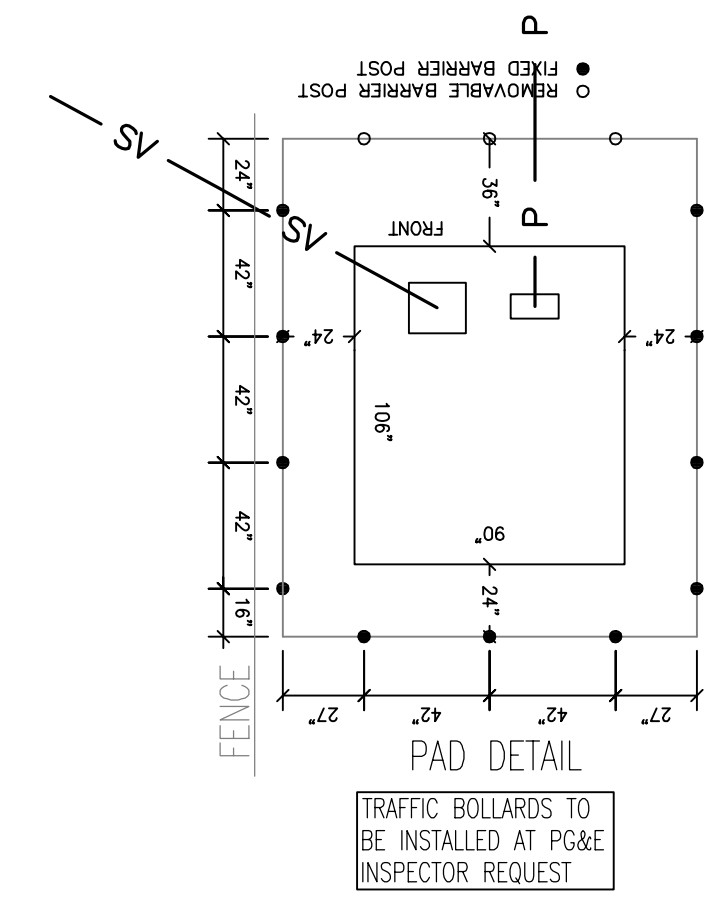
LAND RIGHTS AND EASMENTS:

- 14) APPLICANT TO PROVIDE ADEQUATE P.U.E.'S AND/OR ROW'S FOR PG&E FACILITIES. ANY ADDITIONAL REQUIRED RIGHTS OF WAY ARE TO BE SURVEYED AND DOCUMENTED BY PG&E AT THE APPLICANT'S EXPENSE.

SAFETY AND WORKMANSHIP:

- 15) CALL 811 (UNDERGROUND SERVICE ALERT) 48 HOURS PRIOR TO EXCAVATION FOR UNDERGROUND UTILITY LOCATION MARKING.
- 16) 48 HOUR NOTICE REQUIRED FOR UNDERGROUND INSPECTION.
- 17) MATERIALS AND WORKMANSHIP SHALL BE FIRST QUALITY IN EVERY RESPECT, PLUMB AND TRUE, AND ACCORDING TO THE SPECIFIC REQUIREMENTS OF THE DRAWINGS AND THE ABOVE APPLICABLE NOTES AND SPECIFICATIONS.
- 18) THE APPLICANT IS TO VERIFY ALL PROPOSED INSTALLATIONS, CONDITIONS & SPECIFICATIONS PRIOR TO COMMENCING WITH ANY PORTION OF WORK. ANY DISCREPANCIES, DELETIONS OR INCONSISTENCIES ARE TO BE REPORTED TO THE PG&E REPRESENTATIVE IMMEDIATELY. THE APPLICANT SHALL COMPLY WITH ALL APPLICABLE SPECIFICATIONS. ANY VARIATIONS FROM PLANS OR SPECIFICATIONS RELIEVES PG&E OF ALL RESPONSIBILITY FOR THE SUBSTRUCTURE OR DESIGN.

INSTALL		DESCRIPTION
— P —		PRIMARY CABLE: 3-1/0A EPR 12KV IN 4" CONDUIT
— SV —		SERVICE CABLE - 1-1000A QPX IN 1 OF 3-5" CONDUITS
EXISTING		DESCRIPTION
— — —		3 PHASE PRIMARY CABLE/CONDUCTOR - SIZE AS SHOWN
— — —		1 PHASE PRIMARY CABLE/CONDUCTOR - SIZE AS SHOWN
INSTALL	EXISTING	DESCRIPTION
		PM TRANSFORMER, DF-LB,
		MAIN SERVICE PANEL
		SOLELY OWNED POLE
		SOLELY OWNED ANCHOR
		RISER
		CUTOUT - FUSED AS SHOWN
		1 PHASE OH TRANSFORMER
		OPEN DELTA OH TRANSFORMER



EST: TJ BAILEY 559-753-0056
 ADE: RICK PETINAK 559-347-5016
 SUPV: MIKE STEWART 559-347-5279
 REP: SAXON CUMMINS 559-347-5044
 PLNR: ABE ORTIZ 559-263-7353

ENGINEERING AND PLANNING DEPT.
 8 RIVER PARK PL E
 FRESNO, CA 93720

NO ENVIRONMENTAL ISSUES
 NEAR LOC: NONE

DATE: 11/19/2020
 SCALE: 1"=40'
 SHEET: 1 OF 1 REV. 0

PRIMARY VOLTAGE: 12 kV VOLTAGE AREA: 2
 LATITUDE: 36.739818 LONGITUDE: -119.826476
 SOURCE SIDE DEVICE: FUSE D686
 SUB & CIRCUIT: WEST FRESNO 1111
 DSGN SAG: SSU RAPTOR ZONE: YES
 LOADING AREA: LIGHT ARRESTER DIST: 2
 CORROSION AREA: NON INSULATION DIST: B
 EXEMPT EQUIP. INST.: N/A FIRE AREA: LRA-TIER 1

CONSTRUCTION SKETCH
 310 S WEST AVE
 FRESNO