

- ### APPLICANT CONSTRUCTION NOTES
1. APPLICANT TO TRENCH & INSTALL 1-1/4" CONDUIT FROM S/E QUADRANT OF POLE @ LOC. 3 TO NEW SPLICE BOX @ LOC. 5 -- AND FROM SPLICE BOX TO NEW TRANSFORMER PAD @ LOC. 7.
  2. APPLICANT TO INSTALL 3' x 5' FULL-TRAFFIC BOX @ LOC. 5 (CODE# 041668) - SEE DETAIL BELOW.
  3. APPLICANT TO INSTALL 108" x 90" TRANSFORMER PAD (CODE# 040292) @ LOC. 7 -- SEE DETAIL BELOW.
  4. APPLICANT TO INSTALL 5-5" CONDUITS FROM TRANSFORMER PAD @ LOC. 7 TO NEW 1600AMS.
  5. ALL TRENCHING & SUBSTRUCTURES REQUIRE PG&E INSPECTION PRIOR TO CONSTRUCTION SCHEDULING. PLEASE CALL 209-942-1786, OR FAX 209-942-1788, TO REQUEST PRE-CONSTRUCTION MEETING & INSPECTION APPOINTMENTS.
  6. 48 HRS. ADVANCE NOTICE IS REQUIRED FOR PRE-CONSTRUCTION & INSPECTION APPTS.

### LEGEND

INSTALL	EXISTING	DESCRIPTION
— P3	—	3# PRIMARY CABLE/CONDUCTOR -- SIZE AS SHOWN
— P4	—	PRIMARY CABLE, 3-1/0 AL EPR-CONC-ENCAP 12KV (25KV IN 1-1/2" DUCT BY APPL.
— S06	—	SERVICE CABLE - 3-1000AL + 1-350AL IN 1 OF 5-5" DUCTS BY APPL.
⊠	⊠	3' x 5' x 3/4" PRIMARY ENCLOSURE
⊠	⊠	PH TRANSFORMER, DF-LB
⊠	⊠	MAIN SERVICE PANEL
▲	▲	3 PHASE OH TRANSFORMER
○	○	RISER
×	×	CUTOUT - FUSES AS SHOWN

### NOTES:

09-18-13

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](http://www.pge.com/greenbook)

#### CONDUIT, TRENCHING, AND BACKFILL:

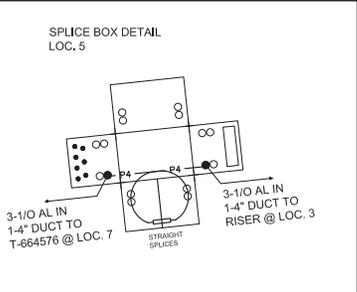
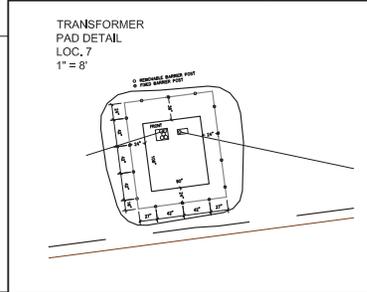
- 1) ALL DIMENSIONS AND LOCATIONS ARE ESTIMATED, APPROXIMATE AND MAY BE SUPERSEDED BY A JOINT TRENCH DRAWING. REFER TO THE JOINT TRENCH COMPOSITE DRAWING FOR EXACT TRENCH LOCATION.
- 2) MAINTAIN MAXIMUM PRACTICABLE HORIZONTAL CLEARANCE BETWEEN PG&E FACILITIES AND "WET" UTILITIES (WATER, SEWER, STORM DRAIN, ETC.). THE MIN. ALLOWABLE SEPARATION BETWEEN PG&E FACILITIES AND ANY PARALLEL "WET" UTILITY IS 3/16" WITH A PRESENCE OF 1/16" 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 3/16" CANNOT BE MAINTAINED, A FORMAL VARIANCE MUST BE OBTAINED FROM PG&E. WORK WITH THE PG&E INSPECTOR (REFERENCE PG&E UO STANDARD 55453).
- 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 FLEX LOCATION). NOTE: SECONDARY AND SERVICE RUNS OF 200 FEET OR LESS MAY HAVE UP TO 315 DEGREES OF BENDS (REFERENCE PG&E DOCUMENT 033555, REV. 7, DATED 6-28-13).
- 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 CARBONADO 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 WASTEL 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.L.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.

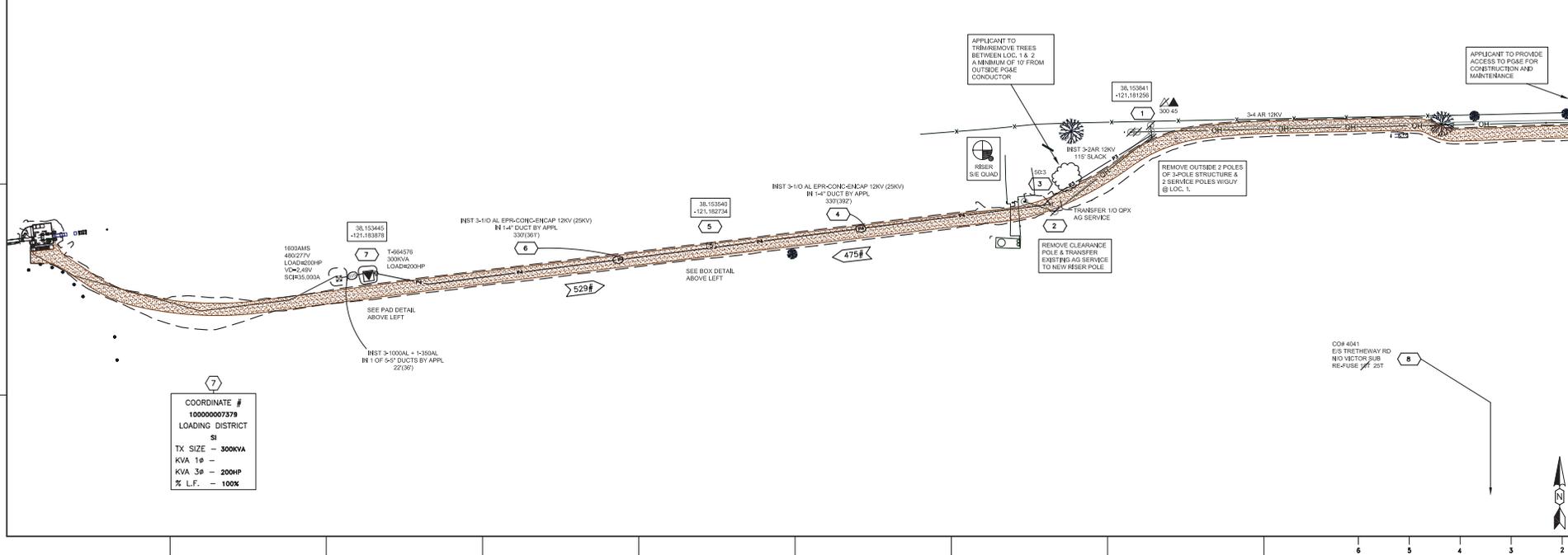
#### SAFETY AND WORKMANSHIP:

- 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, OMISSIONS 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.



### LAND DEPT. ACQUIRE/VERIFY LAND RIGHTS

REMOVE	INSTALL
COORDINATE # <b>318043760286</b> LOADING DISTRICT SI TX SIZE = 300KVA KVA 1# = KVA 3# = 85HP % L.F. = 20%	COORDINATE # <b>318043760286</b> LOADING DISTRICT SI TX SIZE = 450KVA KVA 1# = KVA 3# = 40HP % L.F. = 100%



### COORDINATE # 100000007379 LOADING DISTRICT SI TX SIZE = 300KVA KVA 1# = KVA 3# = 200HP % L.F. = 100%

EST. PEG&E ADDRESS	209-942-1414	
AGLE/ROY GABEL	209-942-1588	
SUPV. ONTARIO JOHNSON	209-942-1498	
REP. SANDRA OSME	209-942-1491	
FORN. STEVE JACKSON	851-784-3643	
SCALE: 1" = 40'	DATE: 09/18/13	
PROJECT NO.	PH: 31247793	
NO ENVIRONMENTAL CALL NUMBERS	NEAR LOC/VA	
NO ENVIRONMENTAL CALL NUMBERS	GAS MAP: 287108	
ENGINEERING AND PLANNING DEPT.	4040 WEST LANE STOCKTON, CA 95204	
PROJECT NO.	1107	
DATE	09/18/13	
SUB & CIRCUIT VECTOR	1107	
DESIGN SHEET NO.	1	
CORRECTION AREA NON	INSULATION DIST. B	
EQUIP. EQUIP. INST. NO.	FIRE AREA, VA	
NO. DATE	DESCRIPTION	
1	10/15/13	REVISED PER COMMENTS
2	11/15/13	REVISED PER COMMENTS
3	12/15/13	REVISED PER COMMENTS
4	01/15/14	REVISED PER COMMENTS
5	02/15/14	REVISED PER COMMENTS
6	03/15/14	REVISED PER COMMENTS
7	04/15/14	REVISED PER COMMENTS
8	05/15/14	REVISED PER COMMENTS
9	06/15/14	REVISED PER COMMENTS
10	07/15/14	REVISED PER COMMENTS
11	08/15/14	REVISED PER COMMENTS
12	09/15/14	REVISED PER COMMENTS
13	10/15/14	REVISED PER COMMENTS
14	11/15/14	REVISED PER COMMENTS
15	12/15/14	REVISED PER COMMENTS
16	01/15/15	REVISED PER COMMENTS
17	02/15/15	REVISED PER COMMENTS
18	03/15/15	REVISED PER COMMENTS
19	04/15/15	REVISED PER COMMENTS
20	05/15/15	REVISED PER COMMENTS
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25	10/15/15	REVISED PER COMMENTS
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97	10/15/21	REVISED PER COMMENTS
98	11/15/21	REVISED PER COMMENTS
99	12/15/21	REVISED PER COMMENTS
100	01/15/22	REVISED PER COMMENTS

### CONSTRUCTION SKETCH

765' WEST OF  
NORTH END TRETHEWAY RD  
LOCKEFORD

PACIFIC GAS & ELECTRIC COMPANY

1" = 40'