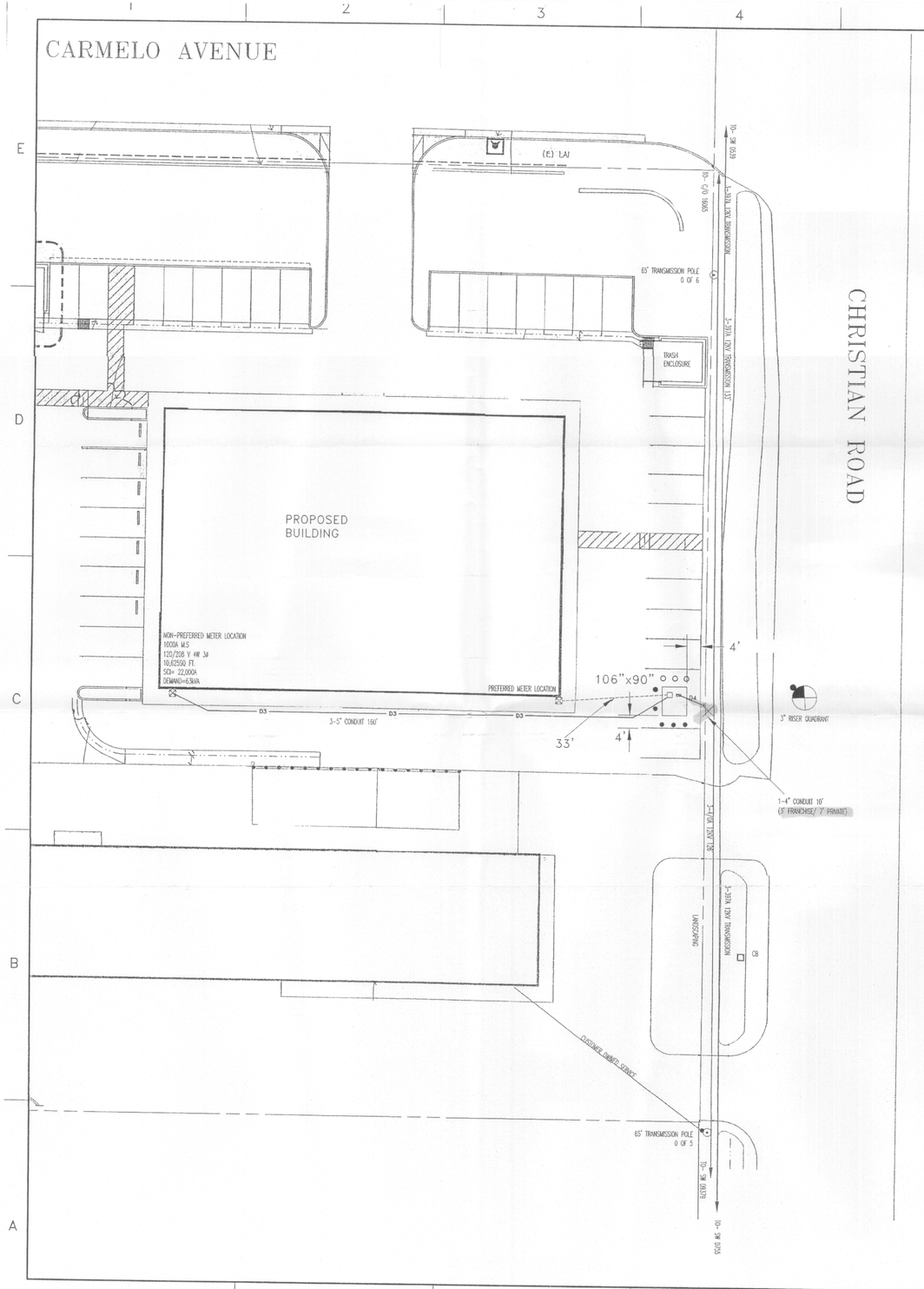
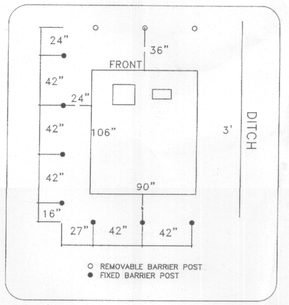
EP-07-58





APPROVALS

ELECTRIC DEPARTMENT:

OK_____ DATE_____

APPROVED_____ DATE_____

GAS DEPARTMENT:

☐ REQUIREMENTS NOTED

☐ NO GAS REQUIREMENTS

BY_____ DATE_____

- PG&E WILL SET NEW POLE.
- APPLICANT TO TERMINATE PRIMARY CONDUIT 3' FROM PROPOSED POLE LOCATION.
- COMPLETION OF CONDUIT INSTALLATION (INCLUDING RISER BEND) TO BE DONE AFTER THE POLE HAS BEEN SET

NOTES:

10/02/2006

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

CONDUITS, TRENCHING, AND BACKFILL

1) ALL DIMENSIONS ARE ESTIMATED, APPROXIMATE AND MAY BE SUPERSEDED BY A JOINT TRENCH DRAWING. SEE THE JOINT TRENCH COMPOSITE DRAWING FOR THE EXACT LOCATION OF THE JOINT TRENCH.

2) MAINTAIN MAXIMUM PRACTICABLE HORIZONTAL CLEARANCE BETWEEN PG&E FACILITIES AND "WET" UTILITIES (WATER, SEWER, STORM DRAIN, ETC.). THE MINIMUM ALLOWABLE SEPARATION BETWEEN PG&E FACILITIES AND ANY PARALLEL "WET" UTILITIES IS 3 FEET WITH THE PRESENCE OF A MINIMUM OF 1 FOOT 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' 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 330 DEGREES OF BENDS IN ANY CONDUIT RUN (INCLUDING FEED LOCATION).S

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 & EASEMENTS:

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 APPLICANT'S EXPENSE.

SAFETY AND WORKMANSHIP:

15) NOTIFY USA (1-800-227-2600) 48 HOURS PRIOR TO DIGGING FOR UNDERGROUND LOCATING.

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.

APPLICANT NOTES:
- APPLICANT TO TRENCH, BACKFILL AND INSTALL ALL SUBSTRUCTURES ON FRANCHISE AND PRIVATE PROPERTY.
- APPLICANT TO INSTALL TRANSFORMER PAD (106"x90") CODE 040292

LEGEND

INSTALL	DESCRIPTION
—D1—D1—	1-4" CONDUIT 10'
—D3—D3—	3-5" CONDUIT 157'
×	45' Pole, PG&E Only (Install)
▫	TRANSFORMER PAD (106"x 90") 040292

Z-08-16

Minimum Bend Radius for 600V Services (unless otherwise noted)

CONDUIT DIAMETER	RADIUS	HORIZONTAL
3"	24"	36"
4"	36"	36"
5"	36"	60"

317-4049-95-3025

Approved By:
JAN 03 2007
Assoc. Mat. Engineer-Elec.
Francisco Rojas

		Phone#:
ESTIMATOR:	JP LIBIRAN:	(925) 270-2732
ADE:	FRANCISCO ROJAS:	(925) 270-2728
REP:	CHRIS CALLAS	(209) 942-1618
PLANNER:	DAN THOMAS	(209) 942-1470

CO:
SD:
NOTIF.: 102117495
Other:
SHT: 1 OF 1 SHEETS
PM: 305265579
REV. 0

ENGINEERING AND PLANNING DEPT.
1850 GATEWAY BLVD
CONCORD, CA 94520
PHONE #: (925) 270-2732 FAX #: (925) 270-2398
PG&E PACIFIC GAS AND ELECTRIC COMPANY

EST: JP LIBIRAN
ADE: FRANCISCO ROJAS
SUPV: JEFF GABRIEL
REP: CHRIS CALLAS
PLNR: DAVE THOMAS
SCALE: 1"=20'
DATE: 12/09/06

NO.	DATE	DESCRIPTION	ORDER #	DWN	CHKD	SUPV	APVD BY
		REVISIONS					

SUBSTRUCTURE SKETCH
NEW COMMERCIAL DEVLOPMENT
7502 W. CARMELO AVE
TRACY