EP.06-339

GAS MAIN EXTENSION - IN JOINT TRENCH

PRESTON PIPE CO.
12833 S. MANTHEY RD.
LATHROP INC. - S.J. COUNTY

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

ENGINEERING AND PLANNING DEPT.
4040 WEST LANE
STOCKTON, CA 95204
PHONE #:(209) 942-1498 FAX #:(209) 942-1737
PACIFIC GAS AND ELECTRIC COMPANY

EST: JG HOUBEIN
ADE: RD GIBBS
SUPV: MR FERNANDEZ
REP: CR CALLAS
PLNR: DC RYMERS
SCALE: 1"=40'
DATE: 9/23/06

CO:
SD:
NOTE: 102008495
Other: ELECTRIC30519100
SHT: SHEETS
PM: 30521754
REV.

LEGEND

- TRENCH FOR OTHERS
- PROPOSED GAS MAIN IN JOINT TRENCH
- EXISTING GAS MAIN
- GAS SERVICE
- ANODE
- PAD MOUNTED JUNCTION
- PAD MOUNTED TRANSFORMER
- AT&T 3'x5' SPLICE BOX
- ELECTRIC PANEL
- GAS METER

DESIGN CHANGES

TRENCHING AGENT:

PROPER DEPTH OF TRENCH AND SUBSTRUCTURES ARE IMPERATIVE TO THE DESIGN OF OUR UTILITY DISTRIBUTION SYSTEM.

IF A VARIANCE IS NECESSARY, PLEASE NOTIFY PG&E SO THAT OUR INSPECTOR OR ENGINEERING DEPT. CAN APPROVE AND INITIAL THOSE SECTIONS OF TRENCH AND/OR SUBSTRUCTURES WHICH DO NOT COMPLY WITH THE ORIGINAL DESIGN. THIS MUST BE DONE PRIOR TO INSTALLATION OF ANY SUBSTRUCTURES.

THE TRENCHING AGENT WILL BE HELD RESPONSIBLE FOR ANY UNAPPROVED DESIGN CHANGES IN TRENCH OR SUBSTRUCTURE DEPTH OR CONFIGURATION.

THIS DOES NOT SUPERSEDE, BUT IS IN ADDITION TO ANY OF THE NORMAL TRENCH INSPECTIONS YOUR PROJECT MAY REQUIRE.

THANK YOU FOR YOUR COOPERATION.

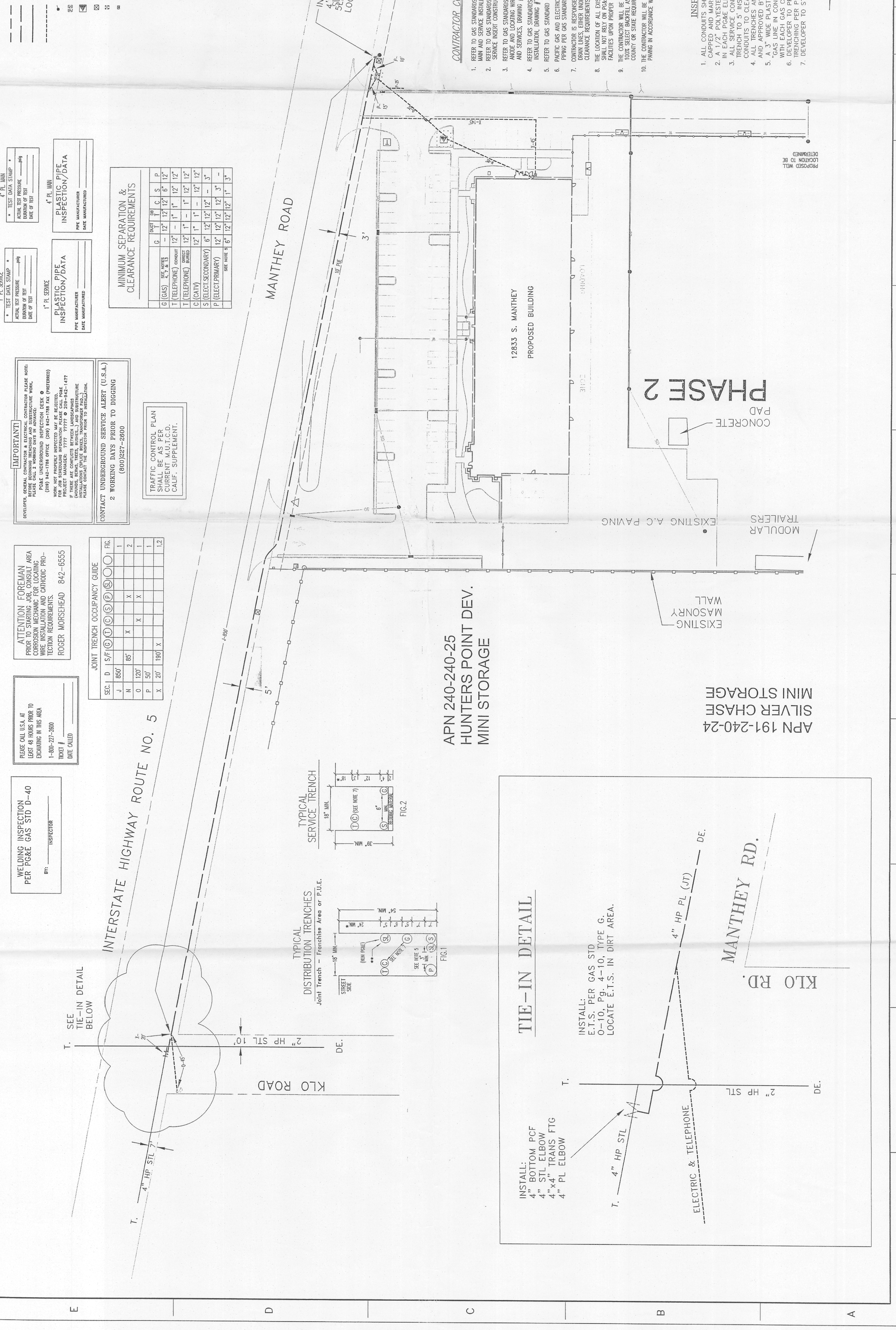
CONTRACTOR CONSTRUCTION REFERENCES

1. REFER TO GAS STANDARDS A-90 & A-91 FOR TYPICAL DIRECT BURIAL PLASTIC GAS MAIN AND SERVICE INSTALLATION, DRAWING #'S 283429 & 283430.
2. REFER TO GAS STANDARDS A-90.1 & A-91.2 FOR TYPICAL PLASTIC GAS MAIN AND SERVICE INSERT CONSTRUCTION, DRAWING #'S 283725 & 283431.
3. REFER TO GAS STANDARDS A-90.2 & A-90.3, D-12, D-13.1 & D-14 FOR TYPICAL ANODE AND LOCATING WIRE INSTALLATION ON DIRECT BURIAL PLASTIC GAS MAIN AND SERVICES, DRAWING #'S 283752, 283753, 282630 , 283593 & 283975.
4. REFER TO GAS STANDARDS A-91.3 & A-91.4 FOR TYPICAL GAS SERVICE RISER INSTALLATION, DRAWING #'S 284193 & 283967.
5. REFER TO GAS STANDARD A-34 FOR TEST CRITERIA ON GAS MAIN AND SERVICES.
6. PACIFIC GAS AND ELECTRIC TO PERFORM ALL HOT TIE-INS AND PURGING OF GAS PIPING PER GAS STANDARD A-38.
7. CONTRACTOR IS RESPONSIBLE FOR CROSSING EXISTING WATER, SEWER AND STORM DRAIN LINES, EITHER UNDER OR OVER, AS REQUIRED TO MEET PG&E COVER AND CLEARANCE REQUIREMENTS. REFER TO STANDARD PRACTICE 463-4.
8. THE LOCATION OF ALL EXISTING OR NEWLY INSTALLED WATER, SEWER, AND STORM SHALL NOT RELY ON PG&E TO LOCATE FACILITIES. (PG&E WILL LOCATE PG&E FACILITIES UPON PROPER USA NOTIFICATION). CALL USA AT (800) 642-2444.
9. THE CONTRACTOR WILL BE REQUIRED TO REMOVE AND REPLACE TRENCH SPOIL WITH 100% SELECT BACKFILL AS REQUIRED BY PG&E SPECIFICATIONS, AND ANY LOCAL CITY, COUNTY OR STATE REQUIREMENTS.
10. THE CONTRACTOR WILL BE REQUIRED TO PLACE TEMPORARY AND/OR PERMANENT PAVING IN ACCORDANCE WITH ANY LOCAL CITY, COUNTY OR STATE REQUIREMENTS.

INSPECTION NOTES

1. ALL CONDUITS SHALL BE PROVEN FREE OF DIRT, CAPPED AND MARKED.
2. A 1/2" POLYESTER PULL TAPE SHALL BE INSTALLED IN EACH PG&E ELECTRIC CONDUIT.
3. ALL SERVICE CONDUITS TO EXTEND FROM MAIN LINE TRENCH TO 5' INSIDE PROPERTY LINE. ALL OTHER CONDUITS TO CLEAR SIDEWALK AT RADIUS.
4. ALL TRENCHES AND CONDUITS MUST BE INSPECTED AND APPROVED BY A PG&E INSPECTOR.
5. A 3" WIDE PLASTIC MARKING TAPE LABELED: "GAS LINE IN CONDUIT" SHALL BE INSTALLED WITH EACH GAS CONDUIT.
6. DEVELOPER TO PROVIDE ALL ON-SITE AND OFF-SITE TRENCHING PER PG&E SPECIFICATIONS.
7. DEVELOPER TO STAKE LOT LINES AT PROP. CORNER.

MAP: 3061-G1
CPA: 306106
TBA: X-03
MAOP: 60 PSIG
E.S.ZONE: 16-MA-01-B



1" PL SERVICE
* TEST DATA STAMP *
ACTUAL TEST PRESSURE ____psig
DURATION OF TEST _____
DATE OF TEST _____

1" PL SERVICE
PLASTIC PIPE INSPECTION/DATA
PIPE MANUFACTURER _____
DATE MANUFACTURED _____

4" PL MAIN
* TEST DATA STAMP *
ACTUAL TEST PRESSURE ____psig
DURATION OF TEST _____
DATE OF TEST _____

4" PL MAIN
PLASTIC PIPE INSPECTION/DATA
PIPE MANUFACTURER _____
DATE MANUFACTURED _____

MINIMUM SEPARATION & CLEARANCE REQUIREMENTS

	G (GAS) SEE NOTES 4, 7 & 13	T (TELEPHONE) CONDUIT	T (TELEPHONE) DIRECT BURIED	C (CATV)	S (ELECT.SECONDARY)	P (ELECT.PRIMARY)	SEE NOTE 5
G (GAS)	—	12"	12"	12"	12"	12"	6"
T (TELEPHONE) CONDUIT	12"	—	1"	1"	12"	12"	12"
T (TELEPHONE) DIRECT BURIED	12"	1"	—	1"	12"	12"	12"
C (CATV)	12"	1"	1"	—	12"	12"	12"
S (ELECT.SECONDARY)	6"	12"	12"	12"	—	3"	3"
P (ELECT.PRIMARY)	12"	12"	12"	12"	3"	—	3"
SEE NOTE 5	6"	12"	12"	12"	1"	3"	

IMPORTANT!
DEVELOPER, GENERAL CONTRACTOR & ELECTRICAL CONTRACTOR PLEASE NOTE:
BEFORE BEGINNING TRENCHING AND SUBSTRUCTURE WORK, PLEASE CALL 2 WORKING DATS IN ADVANCE:
PG&E UNDERGROUND INSPECTION DESK
(209) 942-1788 OFFICE (209) 942-1788 FAX (PREFERRED)
WORK NOT PROPERLY INSPECTED MAY BE REJECTED.
FOR JOB SCHEDULING INFORMATION PLEASE CALL PG&E PROJECT MANAGER: ???? ????? 209-942-1477
IF THERE ARE CONFLICTS BETWEEN LANDSCAPINGS (MOUNDS, BERMS, TREES, BUSHES..) AND SUBSTRUCTURE INSTALLATIONS (SPLICE BOXES, TRANSFORMER PAD..) PLEASE CONTACT THE INSPECTOR PRIOR TO INSTALLATION.

CONTACT UNDERGROUND SERVICE ALERT (U.S.A.)
2 WORKING DAYS PRIOR TO DIGGING
(800)227-2600

TRAFFIC CONTROL PLAN SHALL BE AS PER CURRENT M.U.T.C.D. CALIF. SUPPLEMENT.

ATTENTION FOREMAN
PRIOR TO STARTING JOB, CONSULT AREA CORROSION MECHANIC FOR LOCATING WIRE INSTALLATION AND CATHODIC PROTECTION REQUIREMENTS.
ROGER MORSEHEAD 842-6555

JOINT TRENCH OCCUPANCY GUIDE

SEC.	D	S/F	G	T	C	S	P	SL			FIG.
J	850'										1
N		85'			X		X				2
O	120'					X	X				1
P	50'										1
X	20'	190'	X								1,2

PLEASE CALL U.S.A. AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA
1-800-227-2600
TICKET # _____
DATE CALLED _____

WELDING INSPECTION PER PG&E GAS STD D-40
BY: _____ INSPECTOR