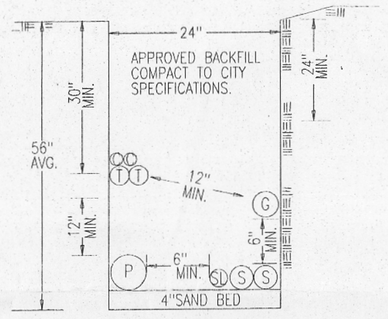
EP.06:326

CPA – 300503

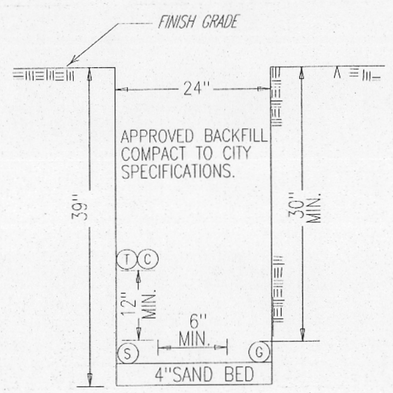
JOINT TRENCH RECAP

TRENCH SIZE CALL OUTS ARE MINIMUMS

TRENCH SECTION	TRENCH SIZE "W"X"D"	TRENCH FOOTAGE	TRENCH FIG.	DIST. OR SUBV	BACKFILL						SURFACE			
					SAC #	SAC #	#2 BASE	ASPHALT PATCH	GRAVEL	SPREAD	NATIVE	DIRT	PAVE.	CONC.	OTHER
GPSTCL	24"X59"	84		X			X			X		X			
GPSTC	24"X59"	587		X			X			X		X			
GSTC	24"X59"	63		X			X			X		X			
GPTC	24"X59"	166		X			X			X		X			
GSTCL	24"X59"	179		X			X			X		X			
PTC	24"X53"	72		X			X			X		X			
L	12"X27"	152		X			X			X		X			
GSTC	24"X39"	250			X		X			X		X			
GSTC	24"X39"	857				X	X			X		X			
TOTAL		2410													



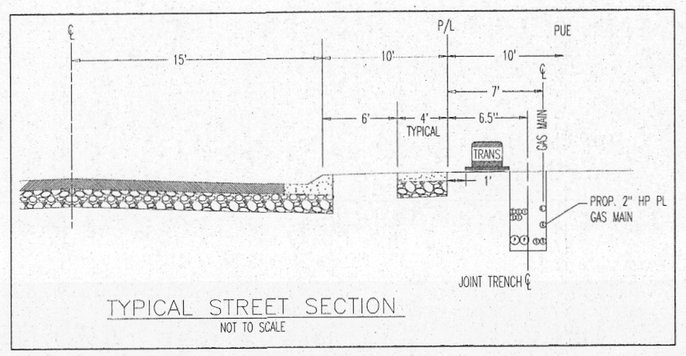
DISTRIBUTION



SERVICE

MINIMUM COVER AND CLEARANCES

	G	T	C	S	P	COVER
GAS	–	6"	6"	12"	12"	24",30"STREET
TELE.	12"	–	0"	12"	12"	24",30"STREET
CATV	6"	0"	–	6"	12"	24",30"STREET
ELEC. SEC.	12"	6"	6"	–	6"	24",30"STREET
ELEC. PRI.	12"	12"	12"	6"	–	30",36"STREET

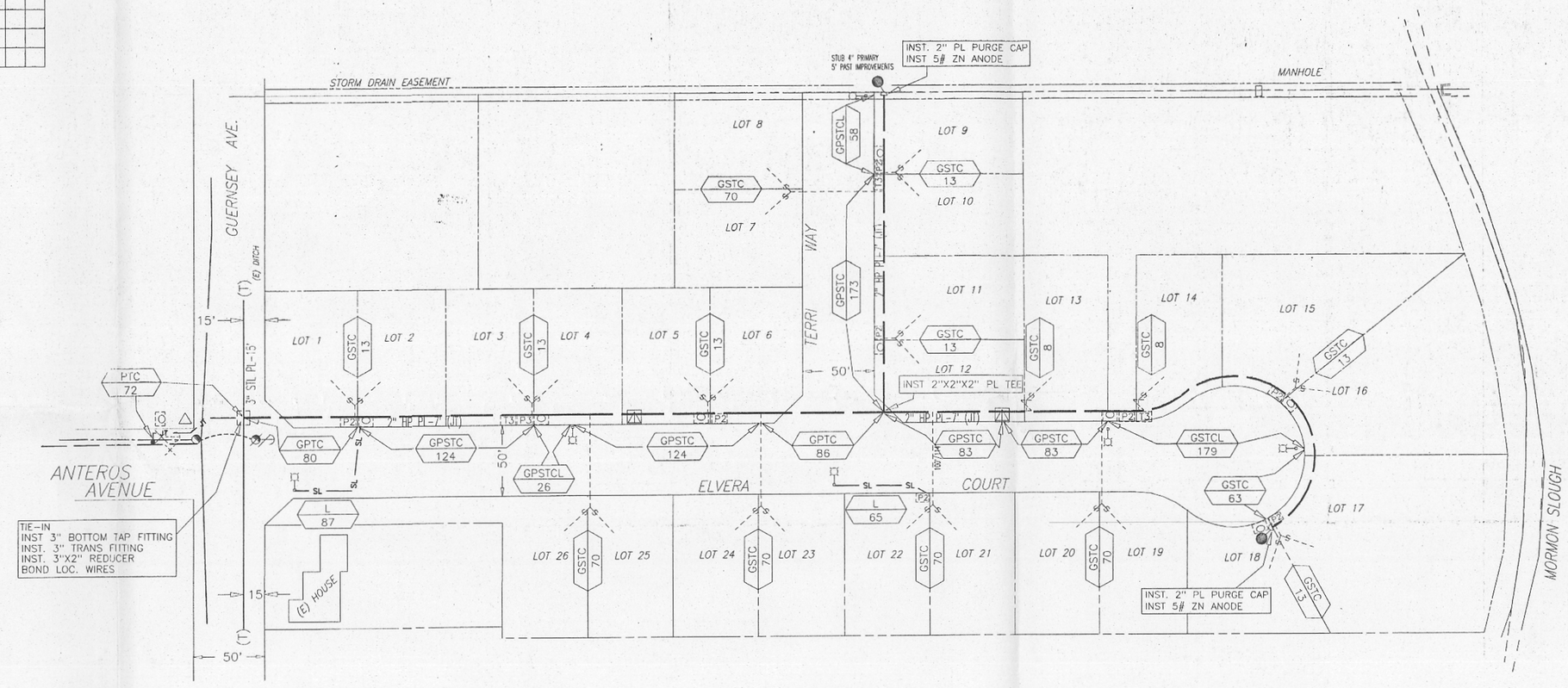


TYPICAL STREET SECTION
NOT TO SCALE

JOB NOTES:

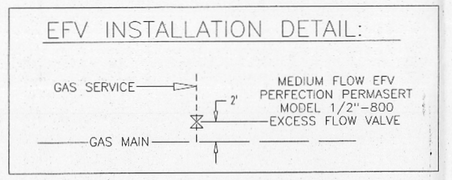
INSTALL : 1079' – OF HP. 2" PL.GAS MAIN (JT)
: (26) – HP.1/2"PL. GAS STUBS (JT)
: (2) – 5# ZINC ANODES
: (2) – MEDIUM 1/2" EXCESS FLOW VALVES

1. PG&E TO DO ALL HOT TIE–IN WORK.
2. PG&E TO PERFORM TRENCH INSPECTION. DEVELOPER TO CONFORM TO PG&E INSPECTOR REQUIREMENTS.
3. PG&E TO DO ALL TRENCH AND BACKFILL.
4. SAND IMPORT MAY REQUIRED, SAND WILL BE CALLED FOR BY INSPECTORS DISCRETION
5. OPTION #2 – JOINT TRENCH BY PG&E
   – GAS MAIN AND STUBS TO BE INSTALLED BY PG&E.
   SERVICE COMPLETION'S – JOINT TRENCH BY PG&E
   – SERVICE COMPLETIONS BY PG&E
6. TRENCHING AGENT TO MAINTAIN A MINIMUM 5' HORIZONTAL SEPARATION BETWEEN PG&E FACILITIES AND ALL WET FACILITIES.
7. TRENCHING AGENT TO PROVIDE A BELL HOLE AT ALL PG&E TIE–IN LOCATIONS MINIMUM 4'X 4'X 12" BELOW EXISTING GAS FACILITIES.



TEST AT 100–110 PSI FOR MINIMUM OF 5 MIN.			
PRESSURE	DURATION	INITIALS	DATE OF TEST
PLASTIC PIPE DATA			
SIZE	MANUFACTURED	DATE OF MANUFACTURE	

EFV INSTALLATION DETAIL:



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.

LEGEND

INSTALL	DESCRIPTION
	Gas Service Pipe
	Gas Main High Pressure
	Gas Anode
	Gas Main Caps
	Gas Main Tee
	Gas Excess Flow Valve
	Gas Elbow
	Gas Bottom Tap
	Gas Line Stopper 1/2 Fitting
	Gas Transition Fitting
	Gas Reducer
	Gas Cut–Off
"EM"	EMS Marker Ball
	Telephone Box 36"X24"X36"
	Cable Pedestal

EXISTING	DESCRIPTION
	Gas Main Pipe
OTHER	DESCRIPTION
	Lot Line
	Right of Way Line

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 283750, 283753, 282650 , 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 DRAIN OR OTHER LINES, SHALL BE DETERMINED BY THE CONTRACTOR. THE CONTRACTOR 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.

NOTIFY U.S.A.

48 HOURS PRIOR TO TRENCHING
CALL: 1–800–227–2600
DATE: _____
TICKET: _____
BY: _____

3005–E7
30464487
STOCKTON, CA
TBA X05

CO:
SD:
NOTE: 10177452
Other:
SHT: 1 OF 1 SHEETS
PM: 3046-4487 REV.

PROJECT SERVICES
3301 INDUSTRIAL AVE.
ESCALON, CA 95320
PHONE # 916-408-3286 FAX # 916-408-3286
PACIFIC GAS AND ELECTRIC COMPANY

ENGR:	SCOTT HARGILE	
DRAFT:	PHIL STEPHENS	
SUPV:	MIKE RYAN	
REP:	MICHAEL LONG	
PLNR:	KEN SCHNEIDER	
SCALE:	1=50'	DATE: 12/15/05

NO.	DATE	DESCRIPTION	ORDER #	DRWG SUPV	APVD BY
1		REVISIONS			

GAS CONSTRUCTION & COMPOSITE DRAWING
EAGLECREST UNIT 3 –
GUERNSEY AVE & ELVERA CT.
STOCKTON, CA

6 5 4 3 2 1 INCH 0