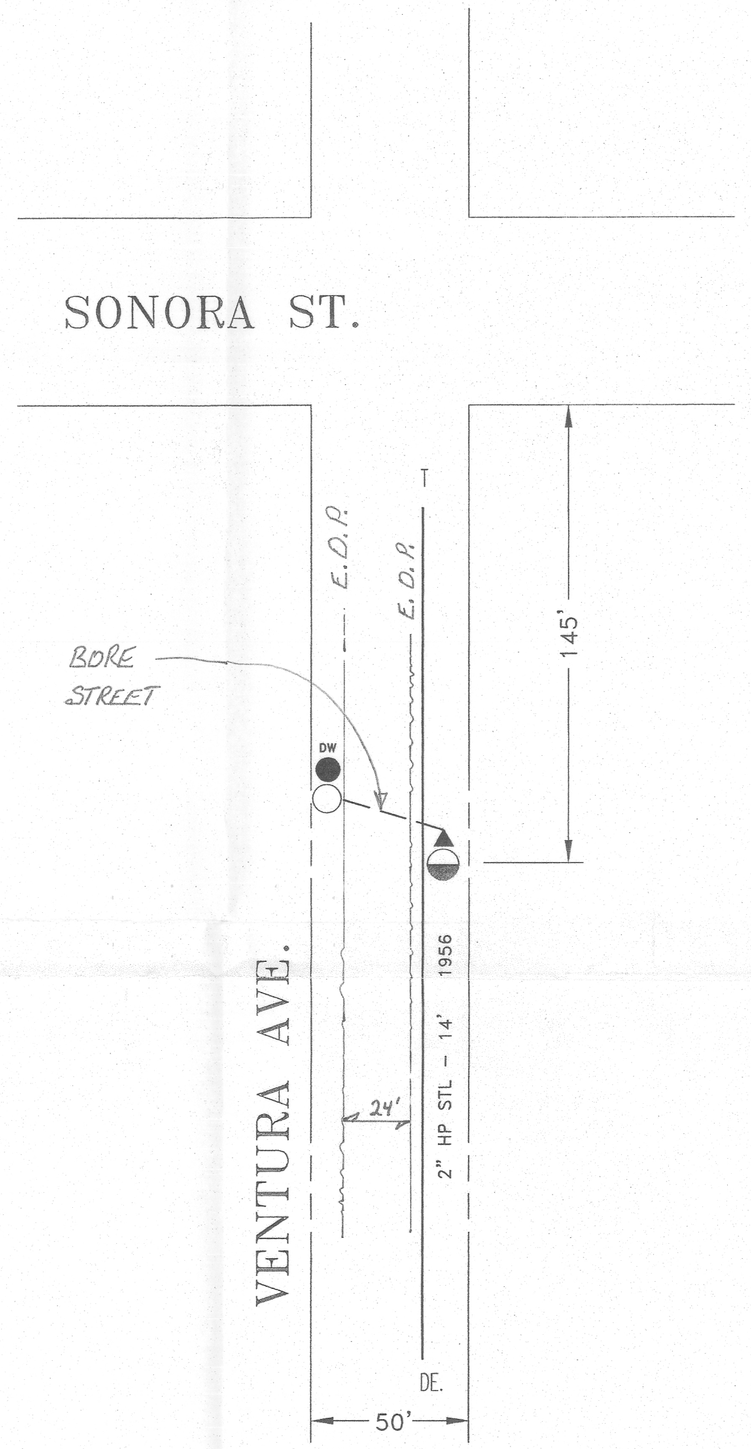

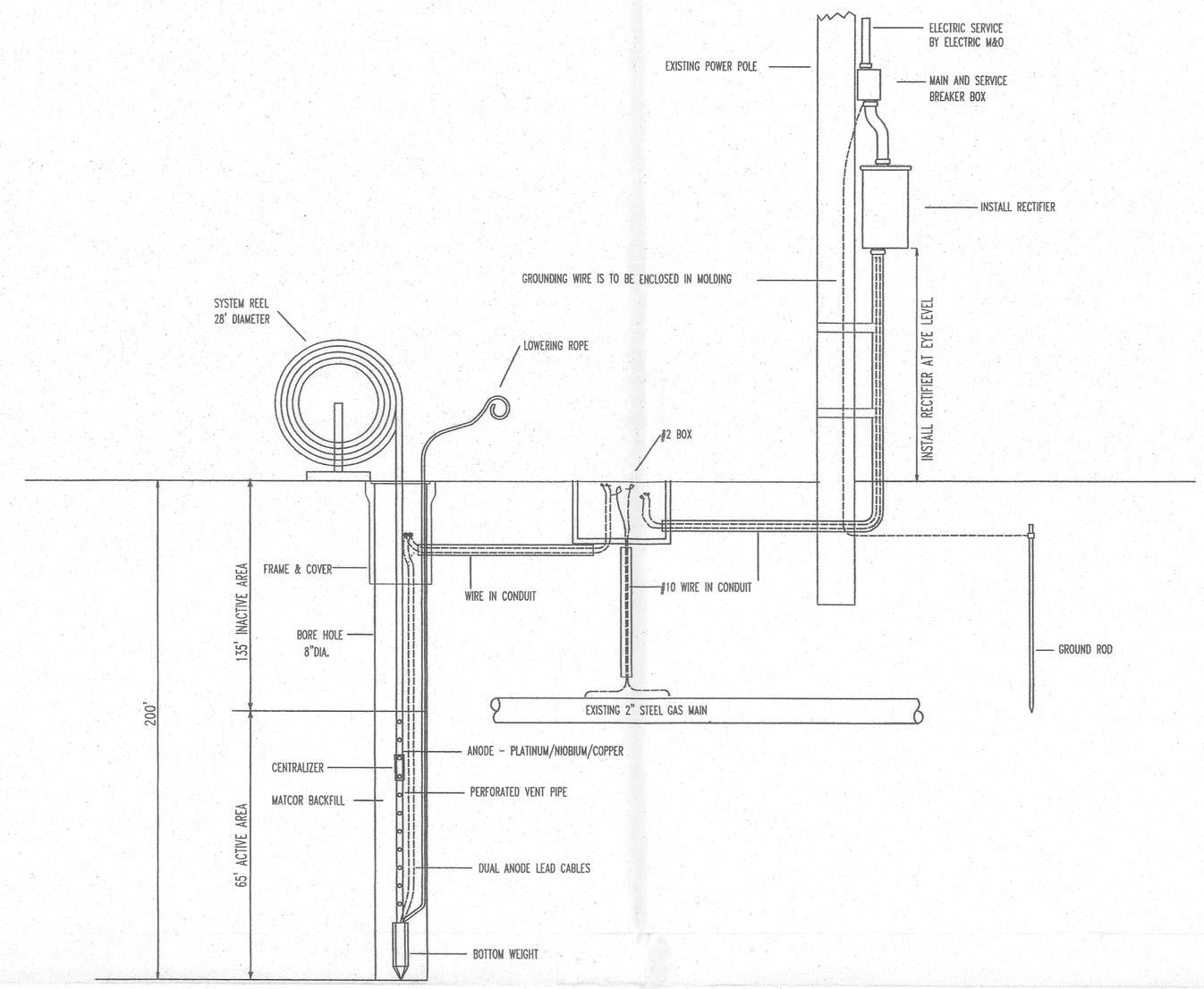

POLE MOUNTED RECTIFIER AND MATCOR ANODE INSTALLATION

N.T.S.

NOTES
- CALL U.S.A. (1-800-227-2600) 2 WORK DAYS PRIOR TO EXCAVATION.
- CORROSION MECHANIC TO ASSIST IN THE INSTALLATION OF ANODES, E.T.S. AND RECTIFIER. CORROSION MECHANIC TO INDICATE LOCATION OF ANODES.
- ELECTRIC DEPT TO PROVIDE POWER TO NEW RECTIFIER

RECAP
- REFER TO GAS STANDARD O-10, O-11.1 AND O-13.5 FOR INSTALLATION OF RECTIFIER AND ANODES.

SPECIAL NOTES
- ADHERE TO LOCAL GOV'T AGENCY AND DEPT OF WATER RESOURCES PERMIT REQUIREMENTS

LEGEND

- DW — Deep Well Anode (Install)
- Power Pole (Existing)
- Rectifier, Pole Mounted (Install)
- E.T.S. - FRAME & COVER
- Underground Anode Wiring (Install)
- Gas Main (Existing)
- Property Line

SAFETY PLEDGE

I ALWAYS PUT SAFETY FIRST.
I LOOK FOR AND ACT TO RESOLVE UNSAFE SITUATIONS.
I HELP AND ENCOURAGE OTHERS TO ACT SAFELY.

NOTIFIED U.S.A.
DATE:
TICKET #
BY:

CATHODIC PROTECTION IN WORK AREA
ATTENTION FOREMAN:
NOTIFY THE CORROSION DEPT.
AT * , 24 HOURS
PRIOR TO START OF WORK.

PIPE WRAP REMOVAL
- For work on pre-1972 pipe, assume the wrap contains >1% asbestos until the wrap can be tested.
- Obtain samples of the wrap, and have samples tested for asbestos in accordance with RP 4711.
- Test results are to be included with as-builts.
- Follow procedure in RP 4711 for removal of pipe wrap.

PIPE TYPE: _____
YEAR INSTALLED: _____

Cathodic Protection Levels Inspected as Noted on Drawing on Existing Protected Steel. All Levels Satisfactory per PG&E GS&S O-16

Qualified Employee _____ Date _____

BILL OF MATERIALS

ITEM	QUANITY	DESCRIPTION	CODE
1	1	MATCOR MODEL PL-SP-40-200-SBW	561290
		DEEP WELL ANODE	
2	1	INSTALL (1) UNIVERSAL POLE MOUNTED, AIR COOLED	270314
		40 VOLT OUTPUT, COMPLETE INSTALLATION WITH CASE, 5-AMPS,	
		(IF SUBGRADE ELECTRIC SEE GS&S O-11.1)	
3	1	GROUND ROD, 5/8" x 8' LONG	187013
4	12'	AWG #6 BARE COPPER GROUNDING WIRE	290072
5	50'	#10 SOLID COPPER BLACK WIRES (CATHODE)	290306
6	40'	#10 SOLID COPPER WHITE WIRES (ANODE)	290305
7	2	CARTRIDGES, CAD WELD CA-15 OR THERMOWELD 15P	159260
8	2	COPPER SLEEVES	303755
9	40'	1-1/4" PVC SCHEDULE 40 CONDUIT	360469
10	1	FRAME AND COVER FOR TRAFFIC	
		CAST IRON COVER	043225
		CONCRETE BODY	043271
11	1	#2 SPLICEBOX INCIDENTAL TRAFFIC OR	040937
		#2 SPLICEBOX FULL VEHICULAR TRAFFIC	019588
12	2	#10 x #10 WIRE SPLICES	306345
13	1	TAC TAPE	507036
14	1	ELECTRICAL TAPE	384153
15	3	1-1/4" PVC SCHEDULE 80, 90 BENDS	NO CODE

N

MAP: 3004-F5
CPA: 3004-6
PG&E NO: 16-147

INSTALL NEW DEEP WELL ANODE
WEST SIDE VENTURA AVE.
145 ' S/O SONORA ST.
STOCKTON UNINC. - S.J. COUNTY

NO.	DATE	DESCRIPTION	ORDER #	DWN	CHKD	SUPV	APV'D BY
		REVISIONS					

EST: JG HOUBEIN
ADE: RD GIBBS
SUPV: MM LANG
REP: RK MORSHEAD
PLNR: DC RYMERS
SCALE: 1"=40'
DATE: 12/19/07

ENGINEERING AND PLANNING DEPT.
4040 WEST LANE
STOCKTON, CA 95204
PHONE #:(209) 942-1498 FAX #:(209) 942-1788
PG&E PACIFIC GAS AND ELECTRIC COMPANY

CO:
SD:
NOTIF.: 102417675
Other:
SHT: 1 of 1 SHEETS
PM: 80003310 REV.

INCH 0 1