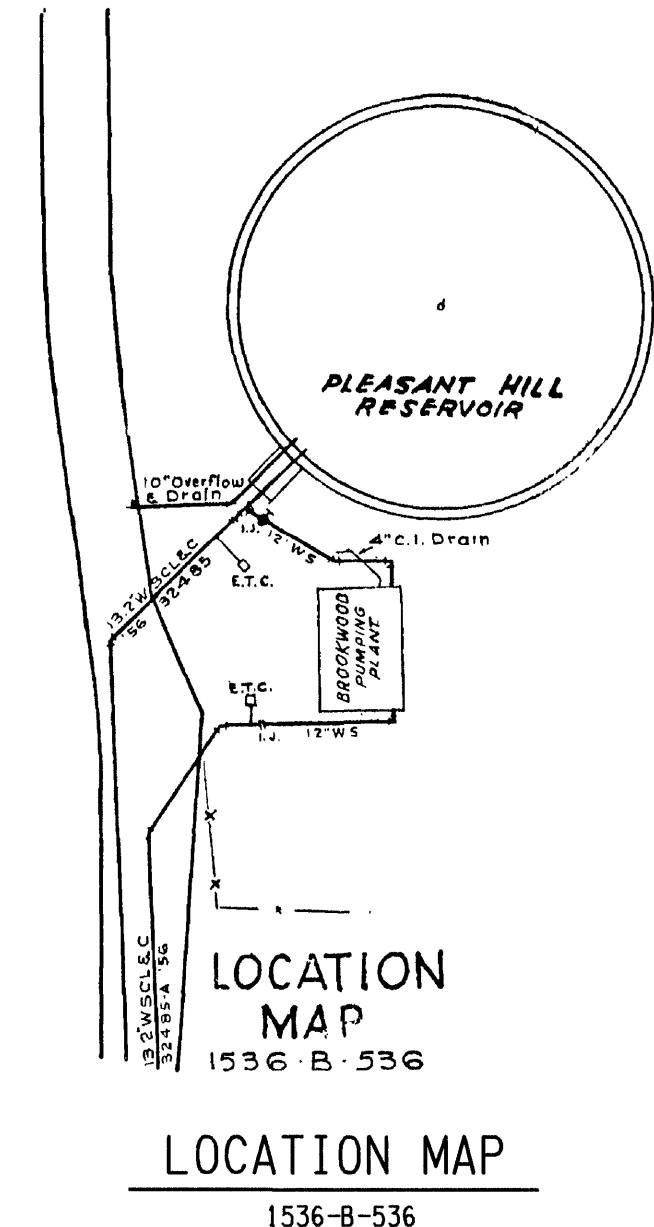
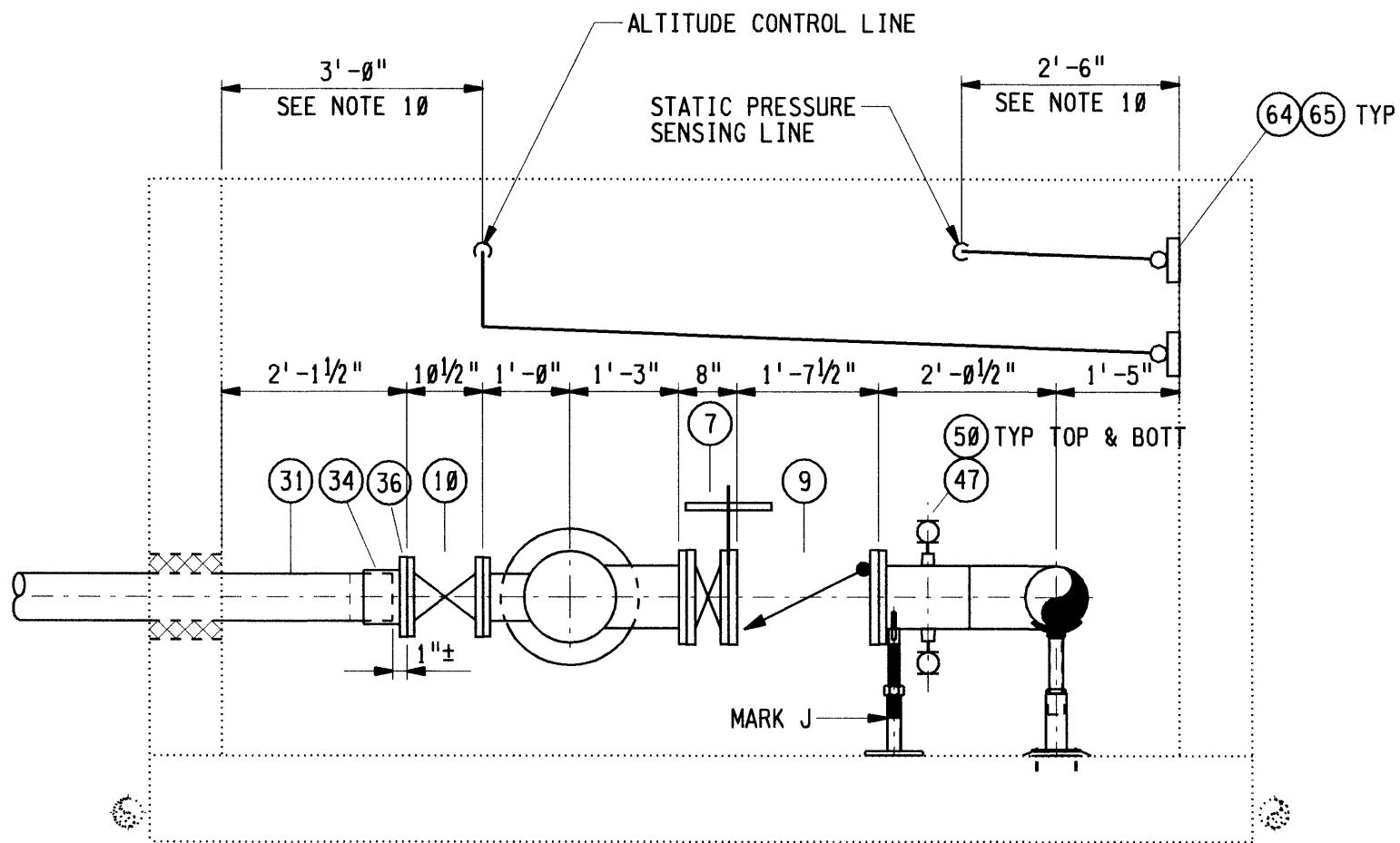
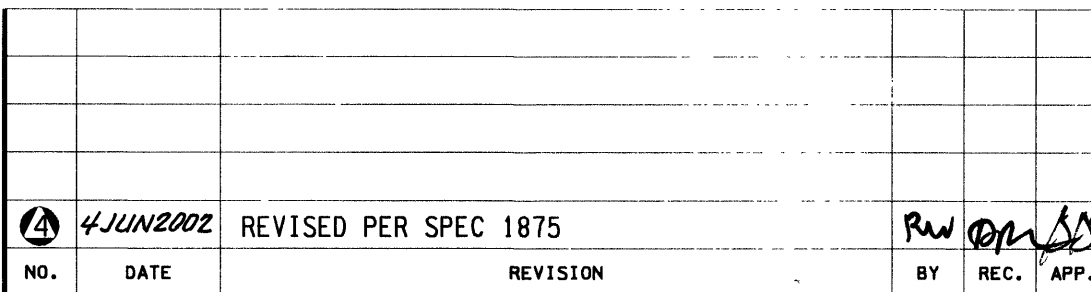




MATERIAL LIST			
ITEM	REQUIRED	DESCRIPTION	REMARKS
1	2	12" BUTTERFLY VALVE, 150LB FLGD W/ HANDWHEEL OPERATOR	
2	2	12" BUTTERFLY VALVE, 150LB FLGD W/ BURIED NUT OPERATOR, OPEN CW	
3	1	12" DOUBLE DISC CHECK VALVE, WAFER STYLE, 125LB	
4			
5	1	10" RUBBER FLAPPER CHECK VALVE, 125LB FLGD	
6			
7	2	8" BUTTERFLY VALVE, 150LB FLGD, W/ HANDWHEEL OPERATOR	
8	1	8" ALTITUDE VALVE, GLOBE STYLE, 125LB FLGD	
9	1	8" RUBBER FLAPPER CHECK VALVE, W/ HOLD OPEN DEVICE, 125LB FLGD	
10	1	6" GATE VALVE, OS&Y, 125LB FLGD	
11			
12	AS REQD	12" STEEL PIPE, SCH 40	
13	1	12" STEEL TEE, STD WT	
14	1	12" STEEL 45° ELBOW, ST WT	
15	11	12" SLIP-ON FLG, ANSI 150LB, FLAT FACED	
16	2	12" BUTT STRAP, 1/4" THICK X 4" WIDE X 41" LONG, ASTM A36, SIMILAR TO STD DWG 1932-A	
17	1	12" FLEXIBLE COUPLING, MAX LENGTH 8"	
18	2	12" INSULATING FLANGE GASKET SET	
19			
20			
21	AS REQD	10" STEEL PIPE, SCH 40	
22	2	10" SLIP-ON FLG, ANSI 150LB, FLAT FACED	
23	3	10" BUTT STRAP, 1/4" THICK X 4" WIDE X 34 3/4" LONG, ASTM A36, SIMILAR TO STD DWG 1932-A	
24			
25			
26	AS REQD	8" STEEL PIPE, SCH 40	
27	2	8" STEEL 90° ELBOW, STD WT	
28	4	8" SLIP-ON FLGD, ANSI 150LB, FLAT FACED	
29			
30			
31	5 FT±	6" STEEL PIPE, SCH 40	
32			
33	1	6" STEEL 90° ELBOW, STD WT	
34	1	6" FLANGED COUPLING ADAPTER, MAX 10" LENGTH	
35	1	6" SLIP-ON FLG, ANSI 150LB, FLAT FACED	
36	1	6" FLG INSULTING FLG GASKET SET	
37	10'±	6" ML&PCS PIPE	DIST FURN
38	2	2" COUPLING, 150LB SST, THREADED	
39	4	2" FLG, ANSI 150LB X THREADED, TYPE 304 SST	
40		2" SST STEEL PIPE, SCH 40	
41	2	2" X CLOSE SST PIPE NIPPLE, SCH 40	
42	2	2" INSULATING FLG GASKET SET	
43	1	2" SST PIPE CAP, 150LB	
44	1	1 1/2" STEEL COUPLING, STD WT, THREADED	
45	4	3/4" THREADED OUTLET X 12" RUN, STD WT	
46	2	3/4" THREADED OUTLET X 8" RUN, STD WT	
47	7	3/4" PIPE NIPPLE X 1 1/2" LONG, SCH 40, TYPE 304 SST, THREADED	
48			
49	AS REQD	3/4" BRASS PIPE, STD WT W/ 125LB THREADED BRASS FITTINGS	
50	10	3/4" BALL VALVE, BRONZE BODY, THREADED	
51	1	3/4" CHECK VALVE, BRONZE BODY, THREADED	
52	1	3/4" AIR AND VACUUM RELEASE VALVE	
53	1	3/4" Y STRAINER BRONZE BODY, THREADED	
54	2	3/4" DIELECTRIC UNION, BRASS FEMALE PIPE X BRASS FEMALE PIPE	
55			
56	AS REQD	3/4" COPPER TUBE, TYPE K, HARD TEMPERED W/ SOLDERED FITTINGS	
57	AS REQD	3/8" BRASS PIPE, STD WT W/ 125LB THREADED BRASS FITTINGS	
58	1	3/8" NEEDLE VALVE, BRONZE BODY, W/ THREADED ENDS	
59	1	ALTITUDE GAUGE, 0 TO 70 FT, 1/4" NPT CONNECTION	
60			
61	AS REQD	1 5/8" SQUARE CHANNEL X 12 GA, TYPE 304 SST W/ SUPPORT FITTINGS	
62	2	PIPE PEDESTAL FOR 8" PIPE - STD DWG 248-EA	



SECTION $\frac{C}{M-\emptyset\emptyset 1}$
 $1/2" = 1' - 0"$



FORMERLY KNOWN AS DWG NO. 2687-G				
DESIGN	DESIGNED BY	EAST BAY MUNICIPAL UTILITY DISTRICT		
	DESIGN CHECKED BY	OAKLAND, CALIFORNIA		
	DRAWN BY			
A COPY OF THE ORIGINAL DRAWING WITH ORIGINAL SIGNATURES CAN BE FOUND IN ENGINEERING RECORDS.		PLEASANT HILL RESERVOIR SEISMIC UPGRADE 1.0 MG PRESTRESSED CONCRETE MECHANICAL		
REVIEW	PROJECT ENGR. R.P.E. NO.	VALVE PIT PIPING PLAN AND SECTION		
RECOMMENDED SE. ENGR. R.P.E. NO.		PROJ. NO.	798-M-001	04
APPROVED MGR. OF DESIGN R.P.E. NO.		SCALE AS SHOWN		
		DATE 1-15-53	STRUCT. DISC. NUMBER	REV.