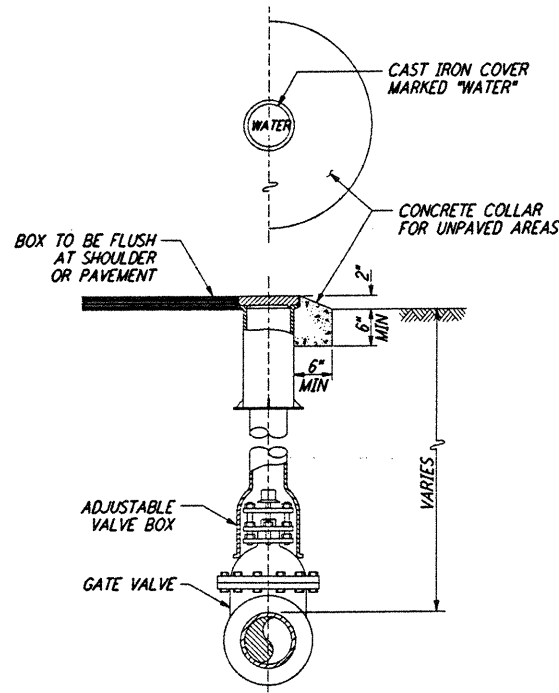
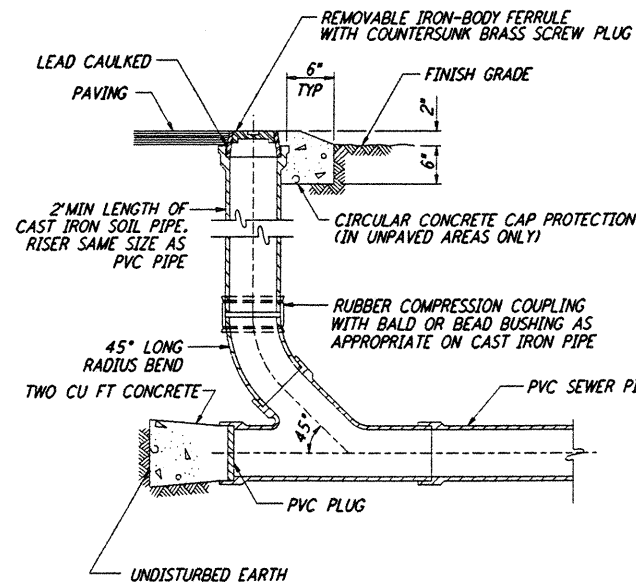


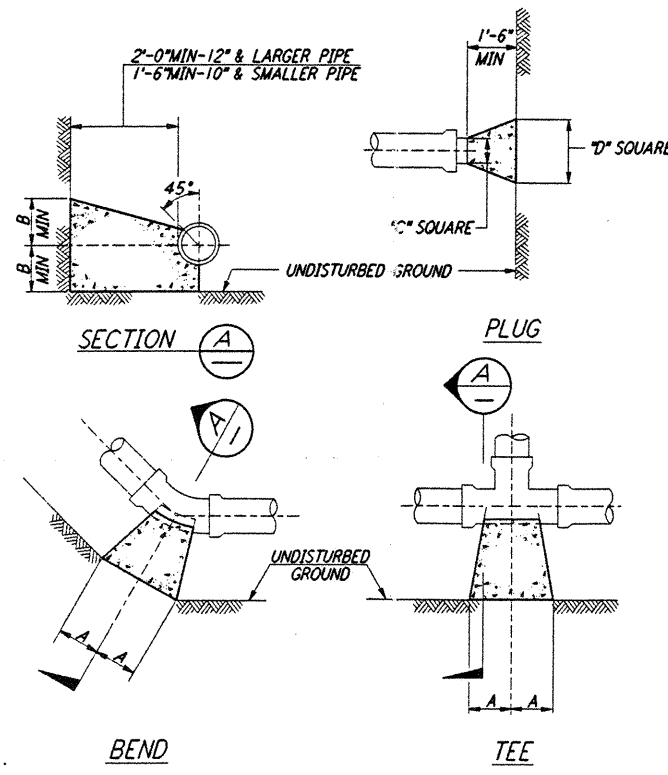
NOTES:
1. SEE SHEET LA-C-002 FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.



VALVE BOX (1) REF. LA-C-009 LA-C-010
NOT TO SCALE
NOTE: VALVE SIZE 12" MAXIMUM



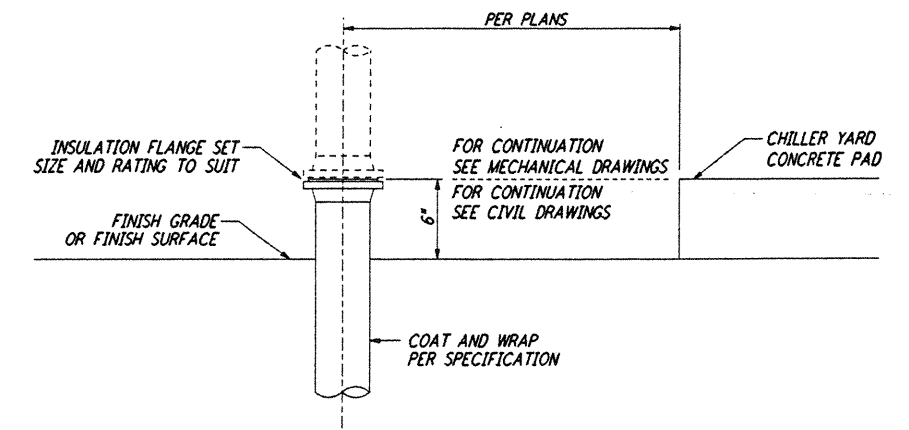
SANITARY SEWER CLEANOUT (2) REF. LA-C-009 LA-C-010
NOT TO SCALE



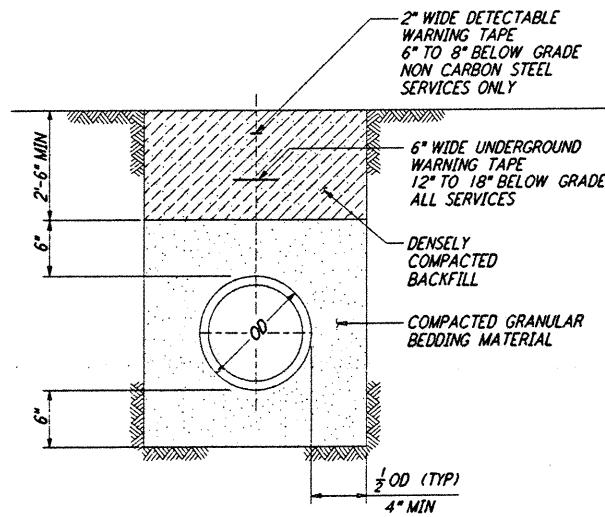
TYPE	SIZE	90° BEND		45° BEND		22½° BEND		TEE			PLUG	
		A	B	A	B	A	B	A	B	C	D	
TYPE I 4000 PSF FILL	4"	6"	8"	4"	6"	3"	6"	6"	6"	8"	13"	
	6"	8"	10"	6"	8"	3"	8"	8"	8"	10"	15"	
	8"	12"	12"	8"	10"	5"	9"	9"	12"	12"	20"	
	10"	16"	14"	10"	12"	6"	10"	11"	14"	14"	25"	
	12"	19"	16"	12"	14"	8"	11"	14"	16"	16"	30"	
TYPE II 2000 PSF FILL	4"	14"	8"	7"	8"	4"	6"	8"	10"	8"	19"	
	6"	15"	10"	9"	10"	6"	8"	10"	12"	10"	21"	
	8"	22"	13"	12"	13"	8"	10"	13"	15"	12"	20"	
	10"	26"	17"	14"	17"	10"	13"	16"	20"	14"	36"	
	12"	29"	21"	16"	21"	11"	16"	18"	24"	16"	41"	
14"	35"	24"	19"	24"	12"	20"	22"	27"	18"	48"		

NOTES:
1. BASED ON 150 PSI STATIC PRESSURE PLUS ANVA WATER HAMMER.
2. ALL OTHER CONDITIONS MUST BE CALCULATED.

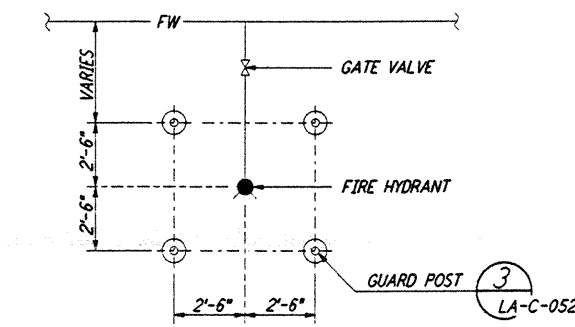
THRUST BLOCK (3) REF. LA-C-009 LA-C-010
NOT TO SCALE



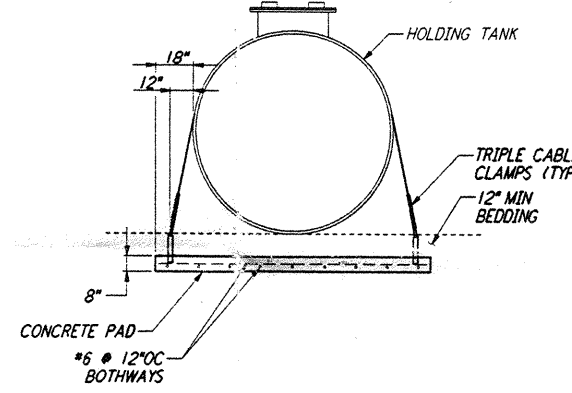
PIPE CONNECTION (4) REF. LA-C-009 LA-C-010 LA-C-027 LA-C-047
NOT TO SCALE



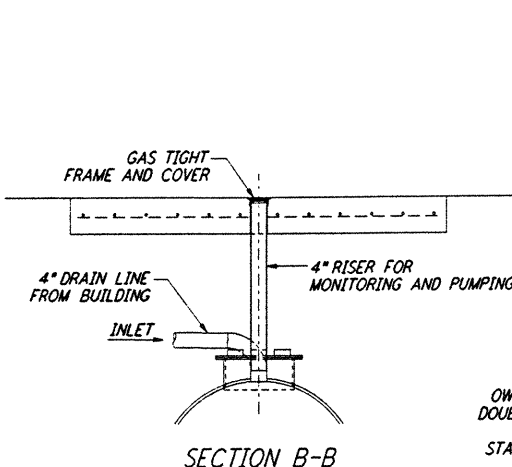
TRENCH BEDDING (5) REF. LA-C-009 LA-C-010 LA-C-027 LA-C-047
NOT TO SCALE



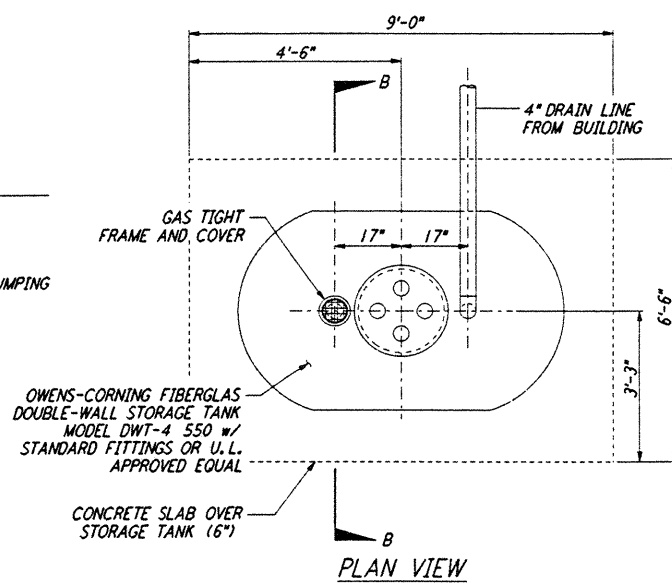
GUARD POST LOCATIONS (6) REF. LA-C-009 LA-C-010
NOT TO SCALE



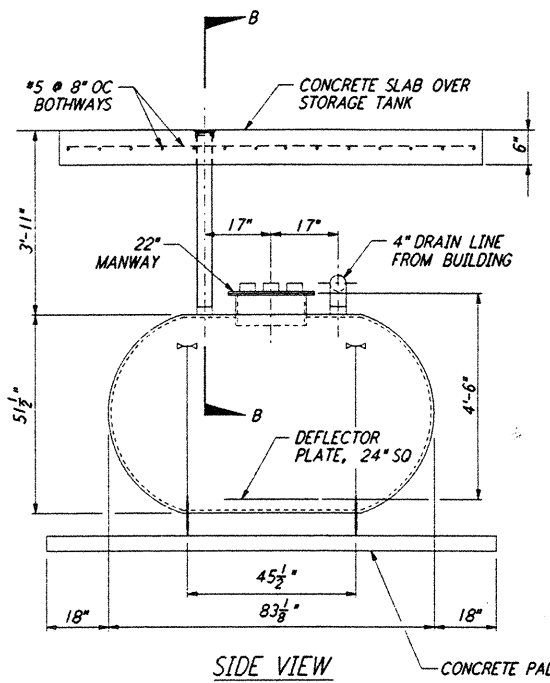
SIDE ELEVATION CONCRETE ANCHOR PAD FOR HOLDING TANKS - TYPICAL



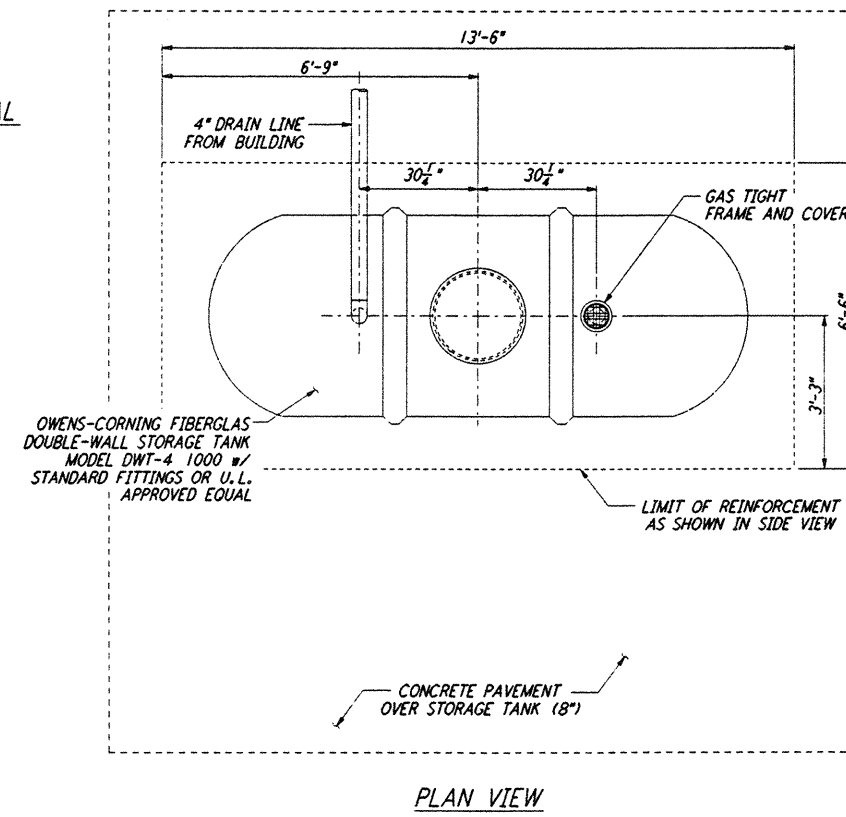
SECTION B-B



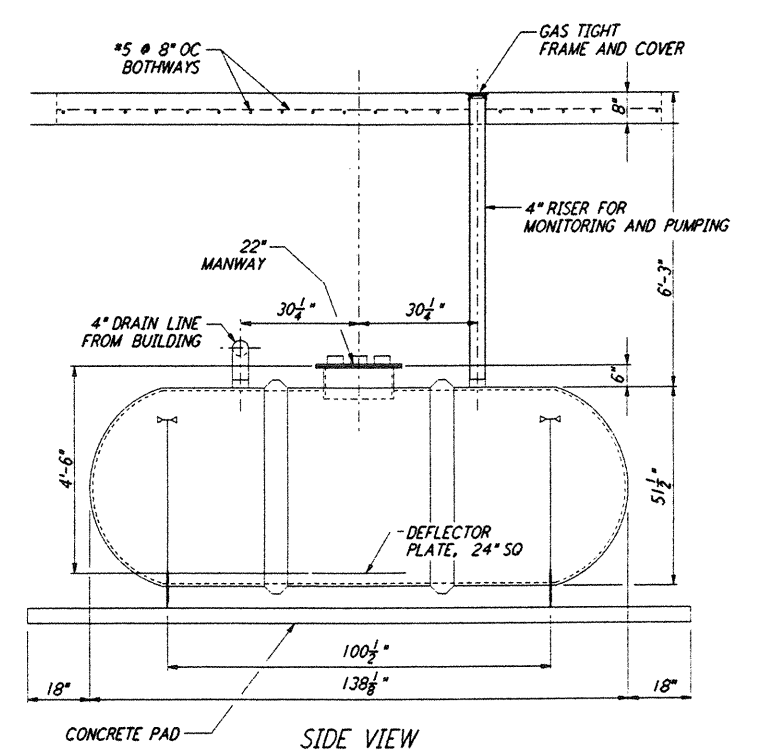
PLAN VIEW



SIDE VIEW



PLAN VIEW



SIDE VIEW

DOUBLE-WALL HOLDING TANK 500 GALLONS (7) REF. LA-C-009 LA-C-027 LA-C-047
NOT TO SCALE

DOUBLE-WALL HOLDING TANK 1000 GALLONS (8) REF. LA-C-009 LA-C-010
NOT TO SCALE

LIGO-D960864-A-0

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
A	6/14/96	WRB	NLL	DDM		FINAL DESIGN REVIEW

DRAWN	WRB
CHECKED	
ENGINEER	
PROJ	

PARSONS
100 WEST WALNUT STREET
PASADENA, CALIFORNIA

LIGO
CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LASER INTERFEROMETER GRAVITATIONAL-WAVE OBSERVATORY SITE NO. 2 - LIVINGSTON, LOUISIANA		
TITLE	CIVIL UTILITY DETAILS	AS NOTED PP150969 8094
SHEET NUMBER	LA-C-055	REVISIONS