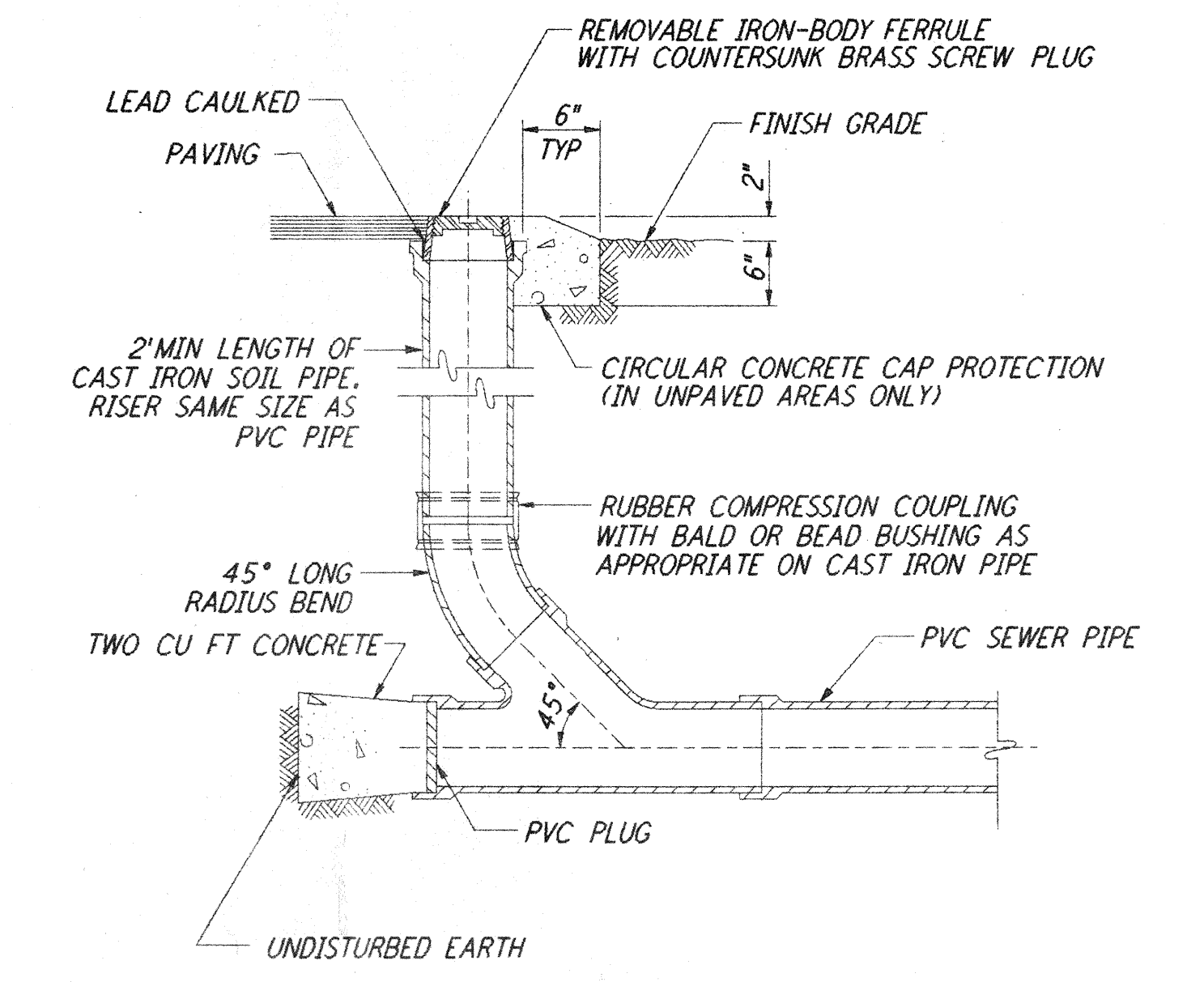
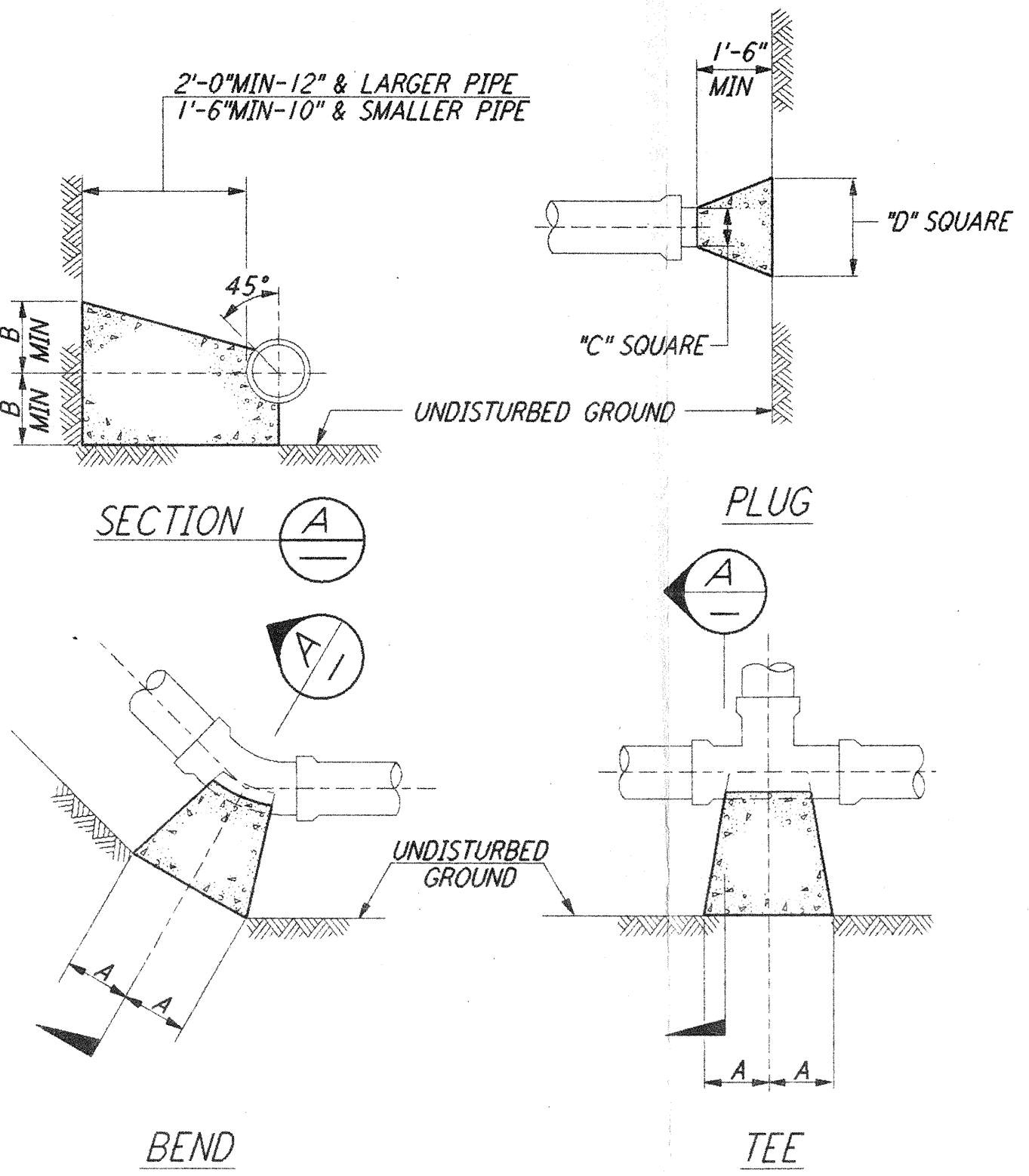


**VALVE BOX** (1) REF  
 NOT TO SCALE WA-C-055 WA-C-509  
 NOTES: WA-C-510  
 VALVE SIZE 12" MAXIMUM



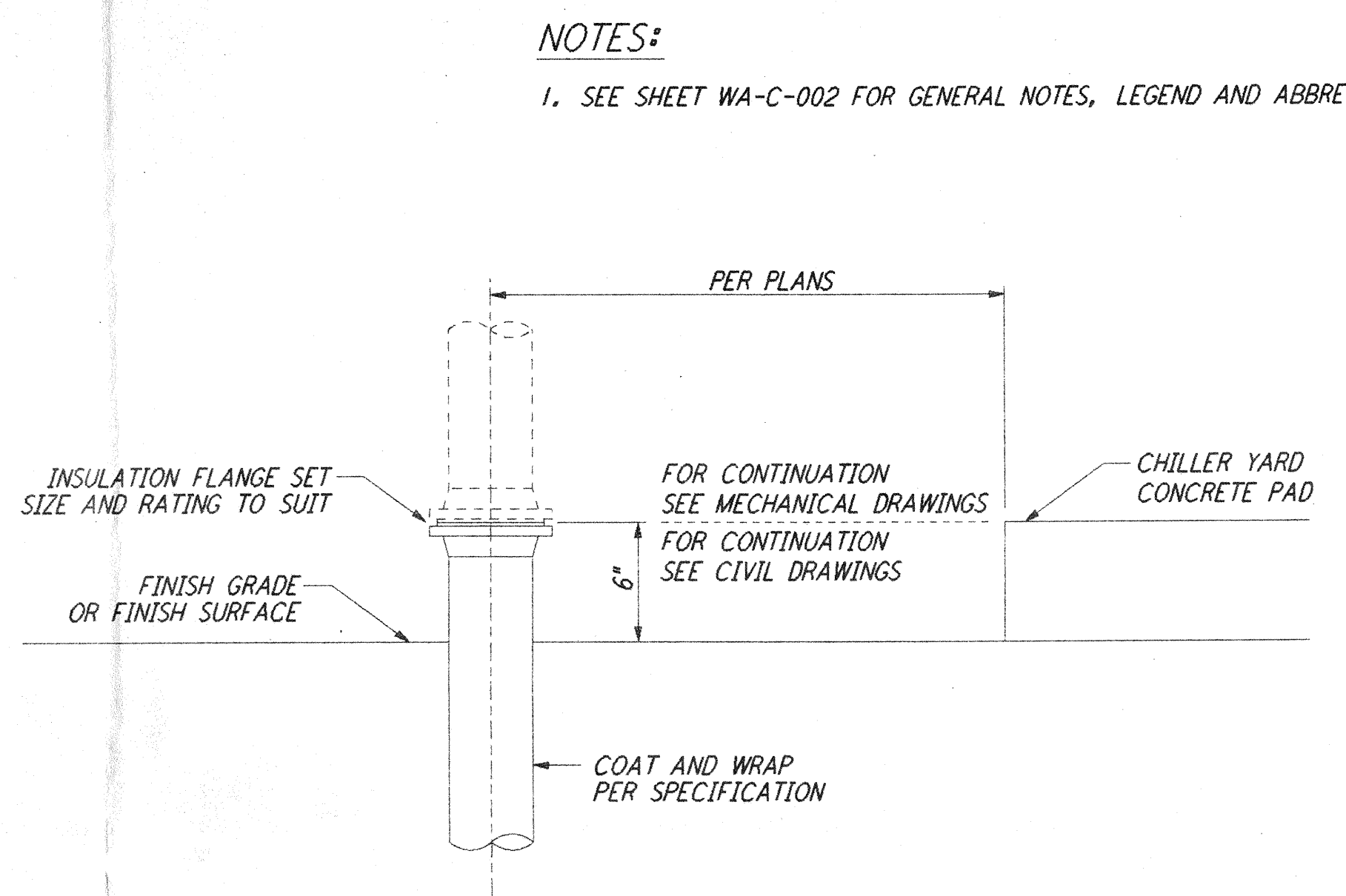
**SANITARY SEWER CLEANOUT** (2) REF  
 NOT TO SCALE WA-C-055 WA-C-509  
 WA-C-510



**THRUST BLOCK** (3) REF  
 NOT TO SCALE WA-C-055 WA-C-509  
 WA-C-510

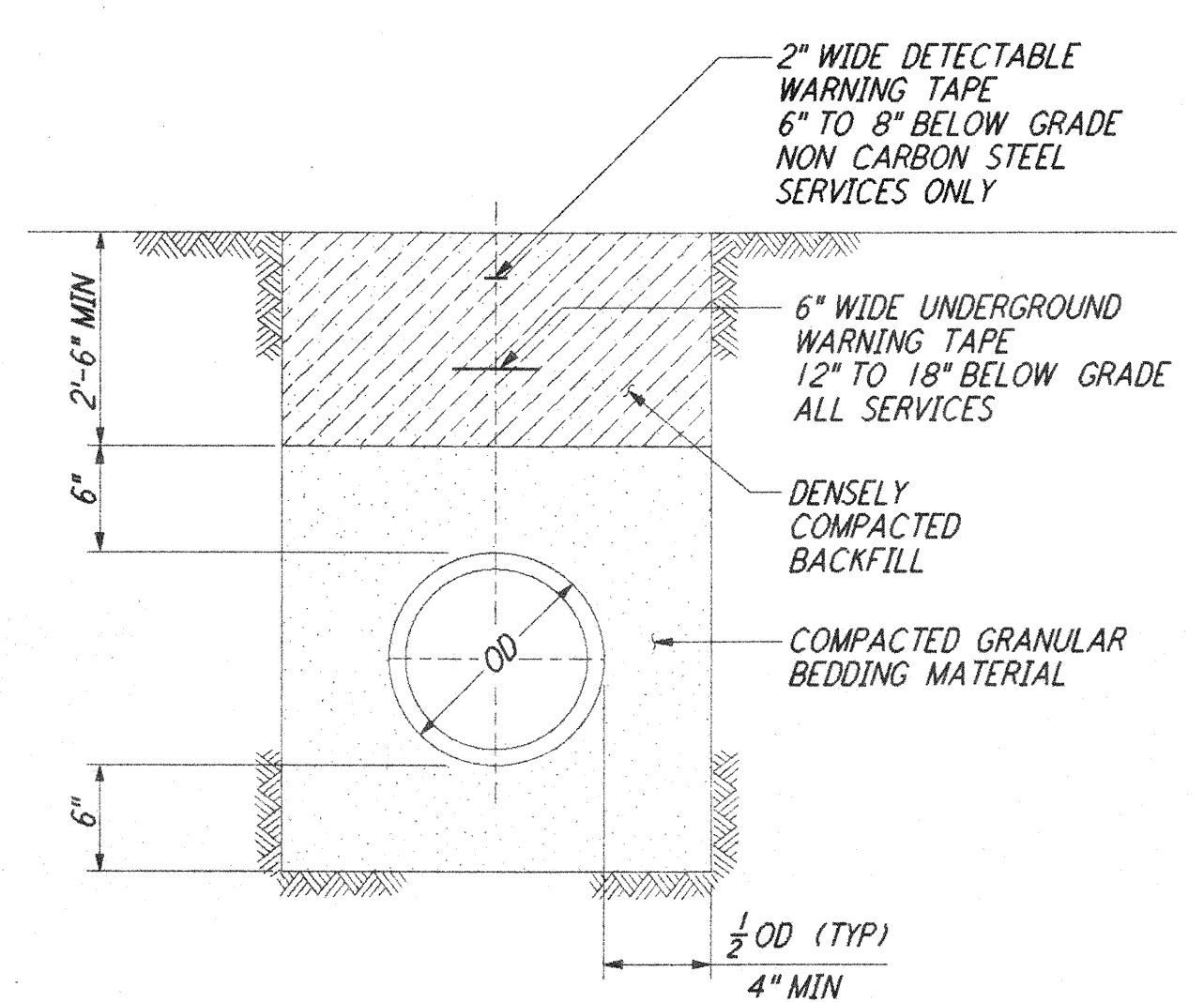
TYPE	SIZE	90° BEND		45° BEND		22½° BEND		TEE		PLUG	
		A	B	A	B	A	B	A	B	C	D
TYPE I 4000 PSF FILL	4"	6"	8"	4"	6"	3"	6"	6"	6"	8"	13"
	6"	8"	10"	6"	8"	3"	8"	8"	8"	10"	15"
	8"	12"	12"	8"	10"	5"	9"	9"	12"	12"	20"
	10"	16"	14"	10"	12"	6"	10"	11"	14"	14"	25"
	12"	19"	16"	12"	14"	8"	11"	14"	16"	16"	30"
TYPE II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

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

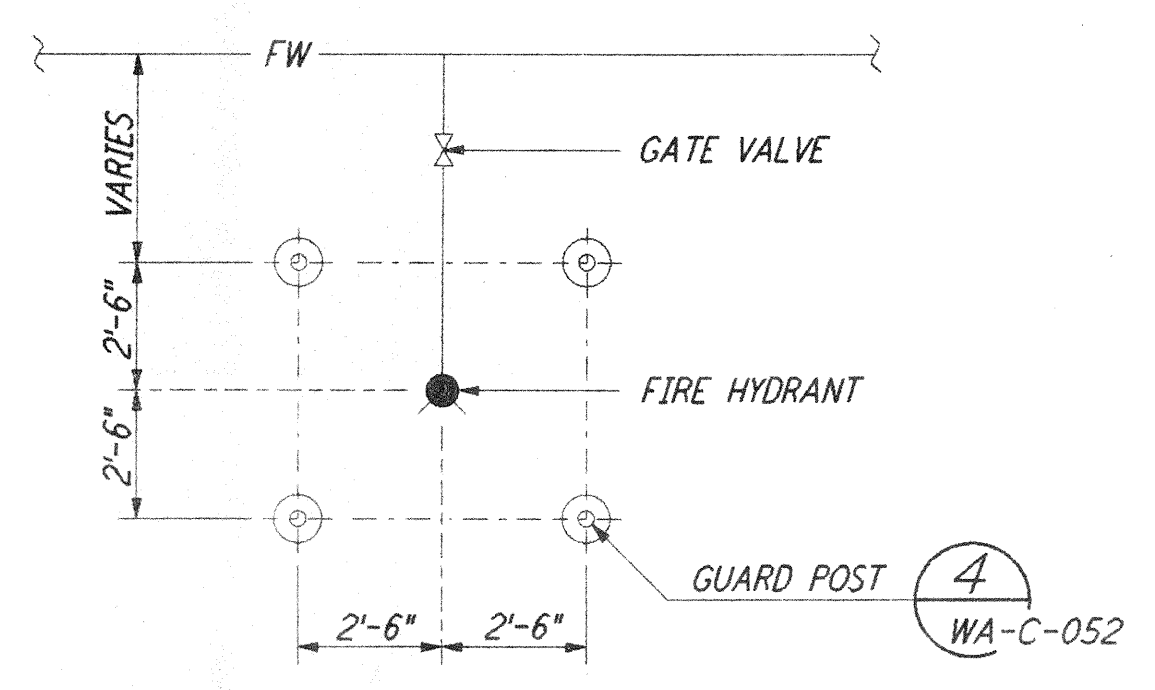


**PIPE CONNECTION** (4) REF  
 (UNDERGROUND TO OVERHEAD) NOT TO SCALE WA-C-055 WA-C-509  
 WA-C-510  
 WA-C-023  
 WA-C-027  
 WA-C-043  
 WA-C-047

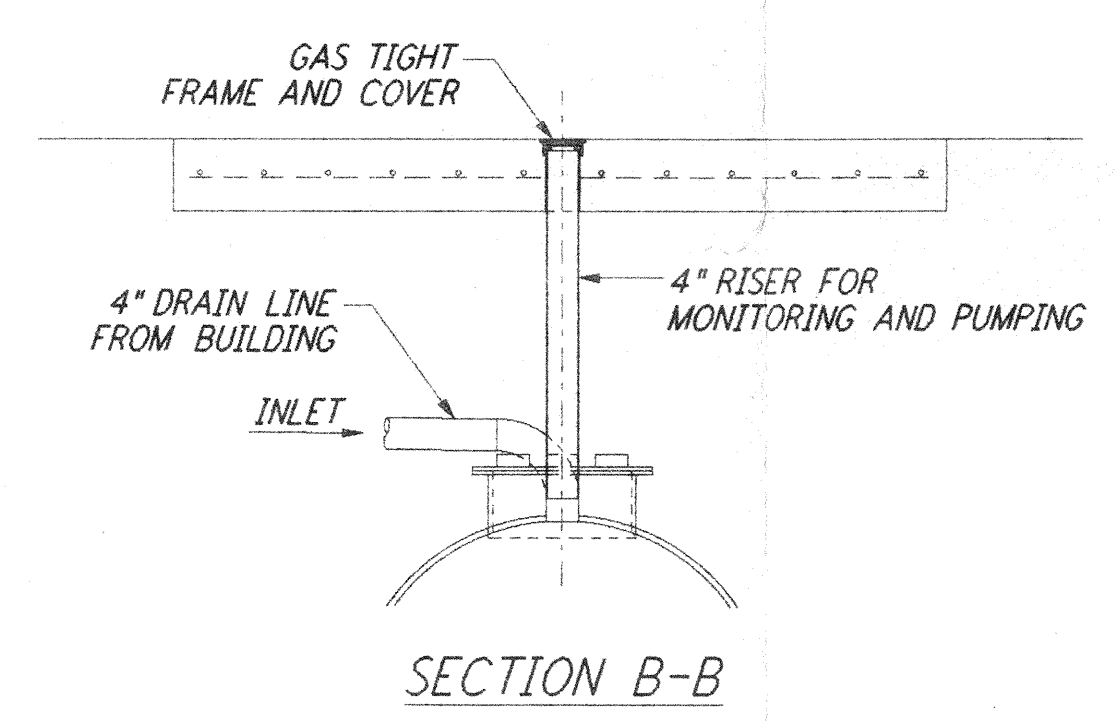
NOTES:  
 1. SEE SHEET WA-C-002 FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.



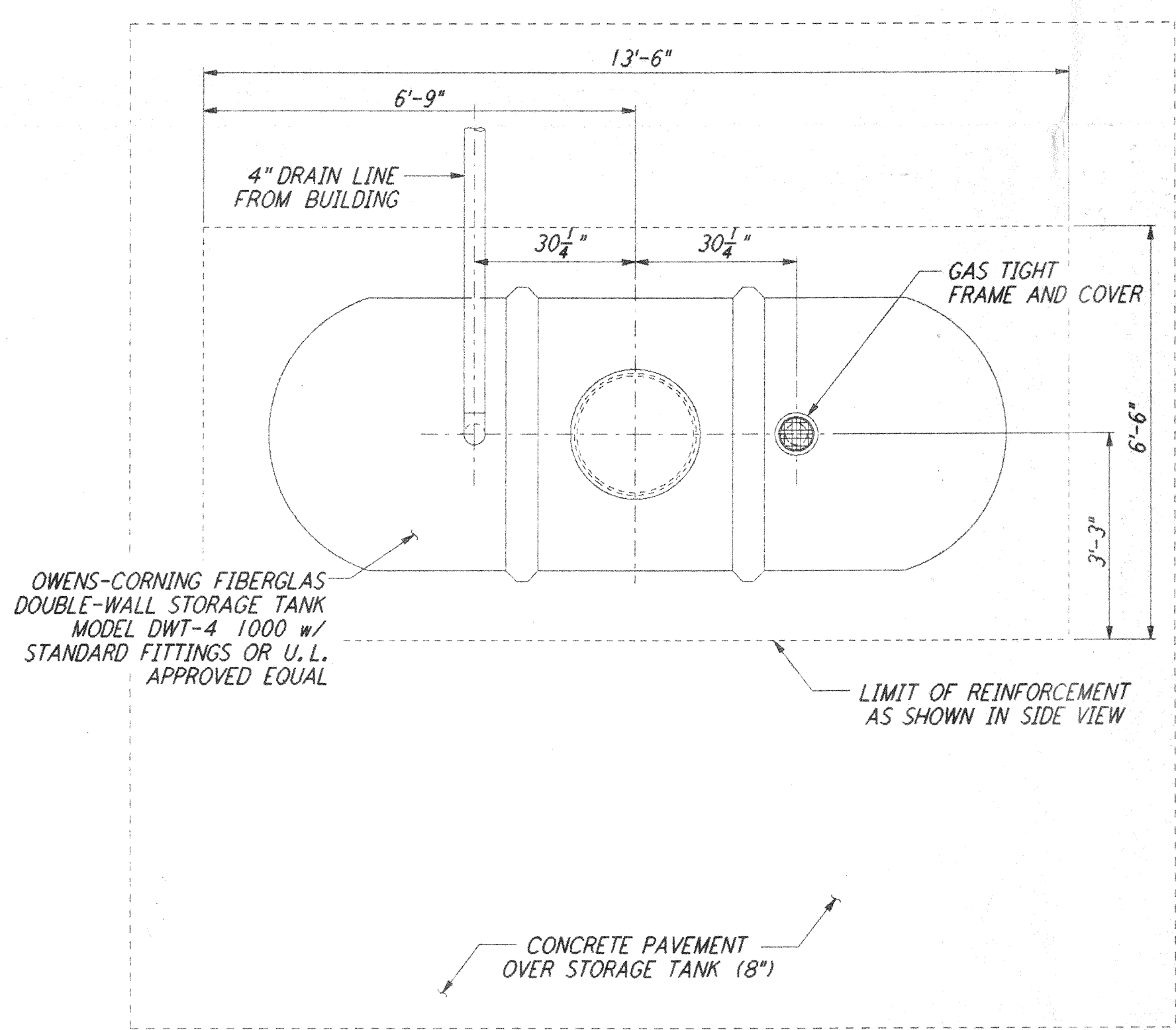
**TRENCH BEDDING** (5) REF  
 NOT TO SCALE WA-C-055 WA-C-509  
 WA-C-510  
 WA-C-023  
 WA-C-027  
 WA-C-043  
 WA-C-047



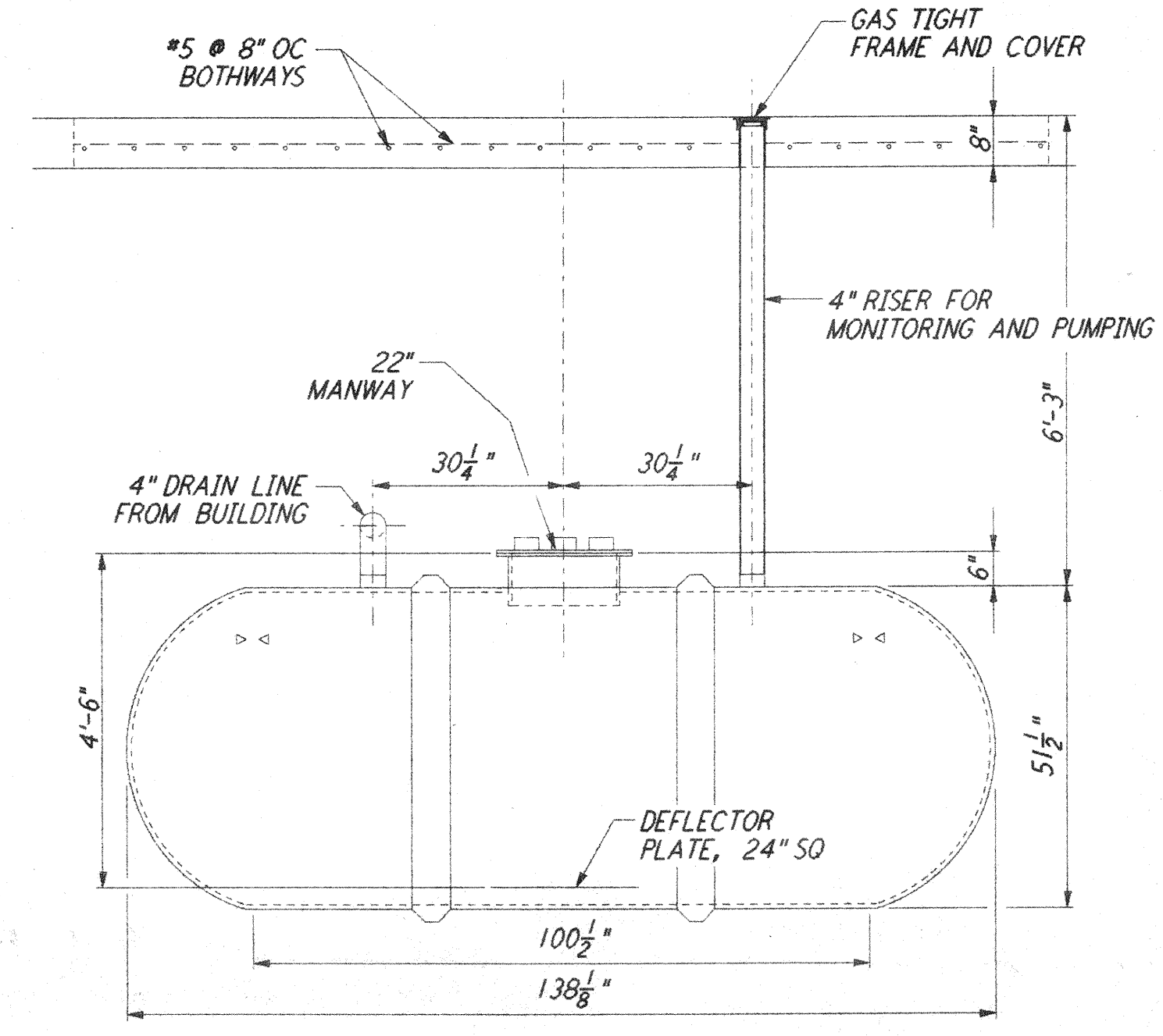
**GUARD POST LOCATIONS** (6) REF  
 (FIRE HYDRANT) NOT TO SCALE WA-C-055 WA-C-509  
 WA-C-510



SECTION B-B

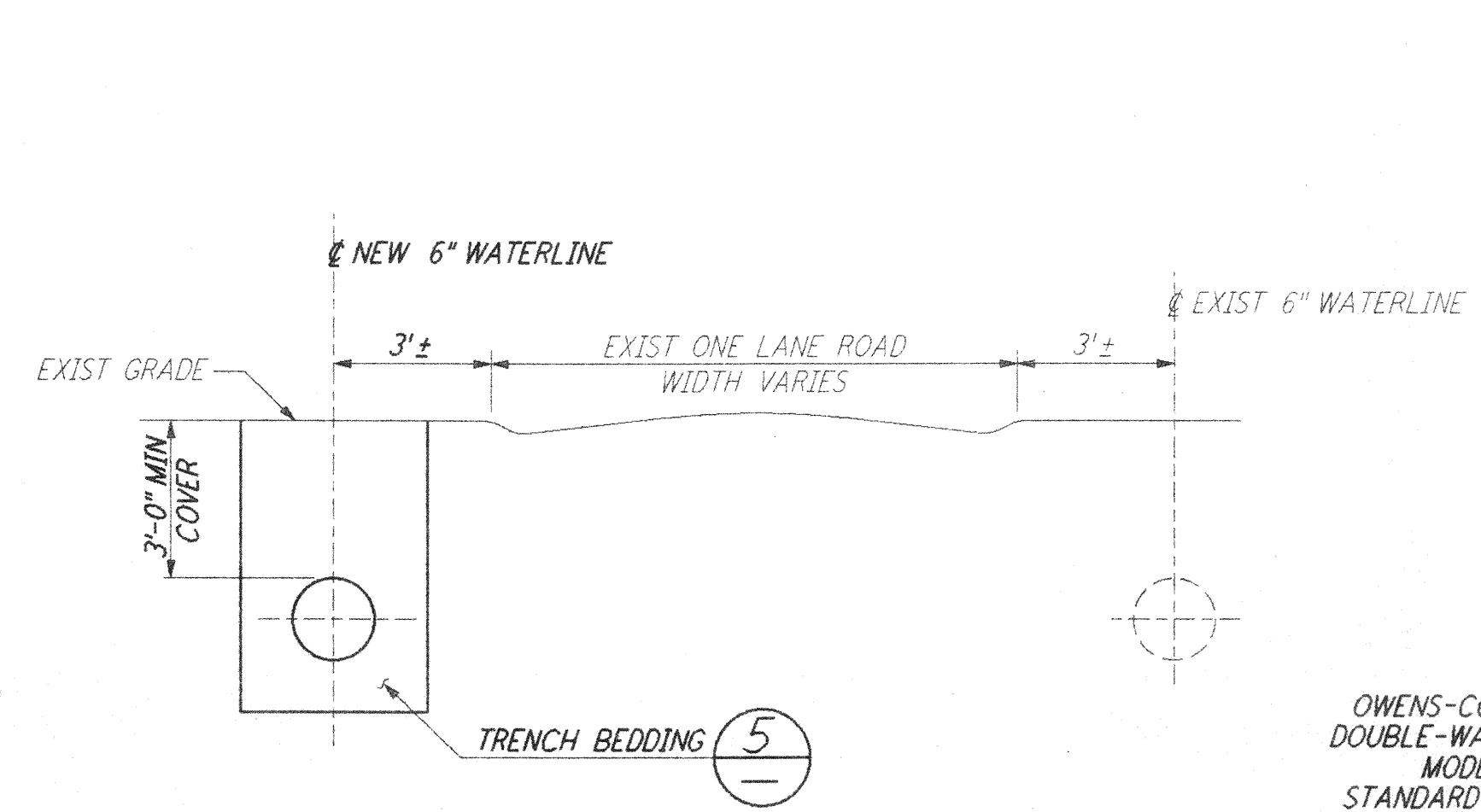


PLAN VIEW

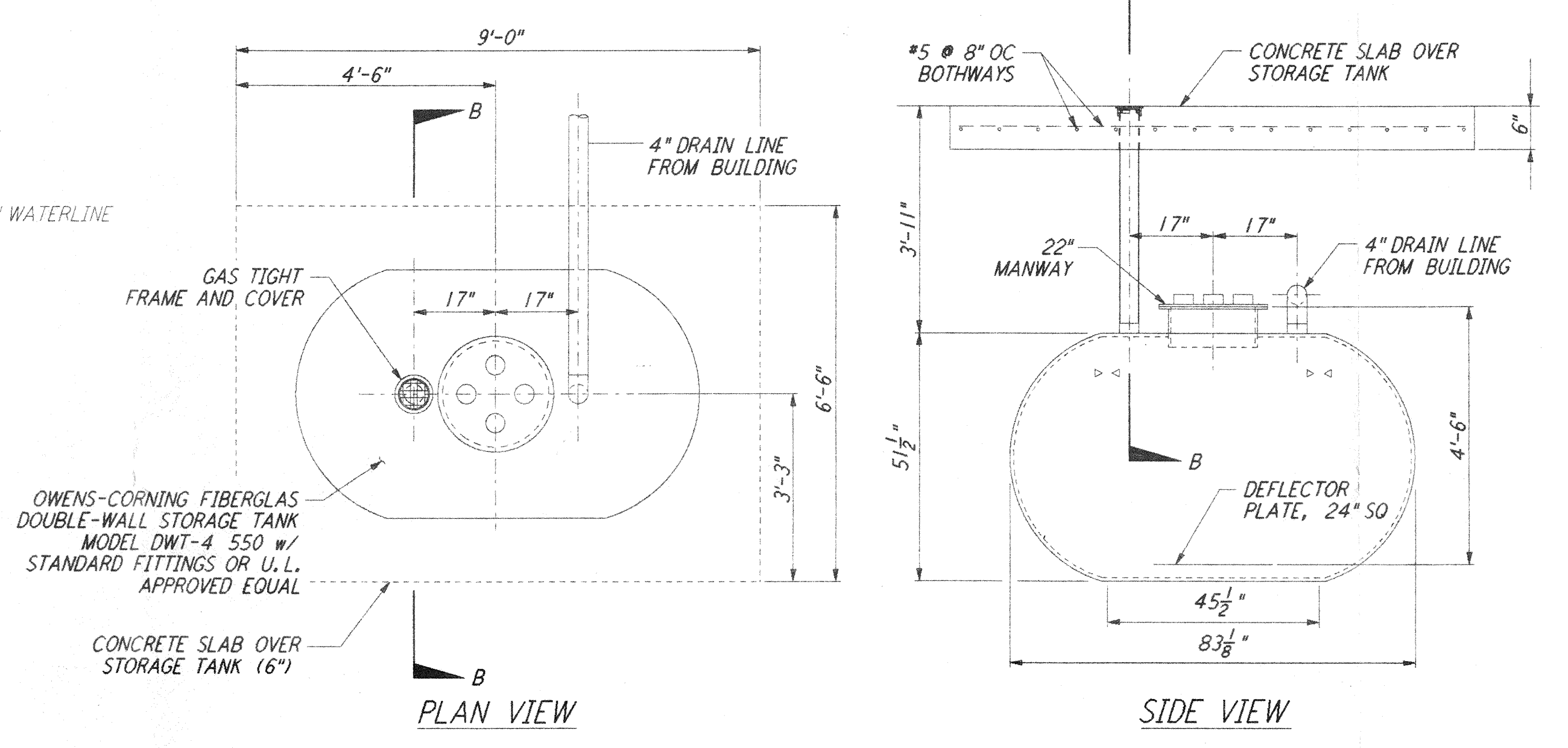


SIDE VIEW

**DOUBLE-WALL HOLDING TANK**  
 1000 GALLONS W/ PIPING SUMP  
 NOT TO SCALE (9) REF  
 WA-C-055 WA-C-509  
 WA-C-510



**SECTION THRU EXISTING AND NEW WATERLINES** (7) REF  
 NOT TO SCALE WA-C-055



PLAN VIEW

SIDE VIEW

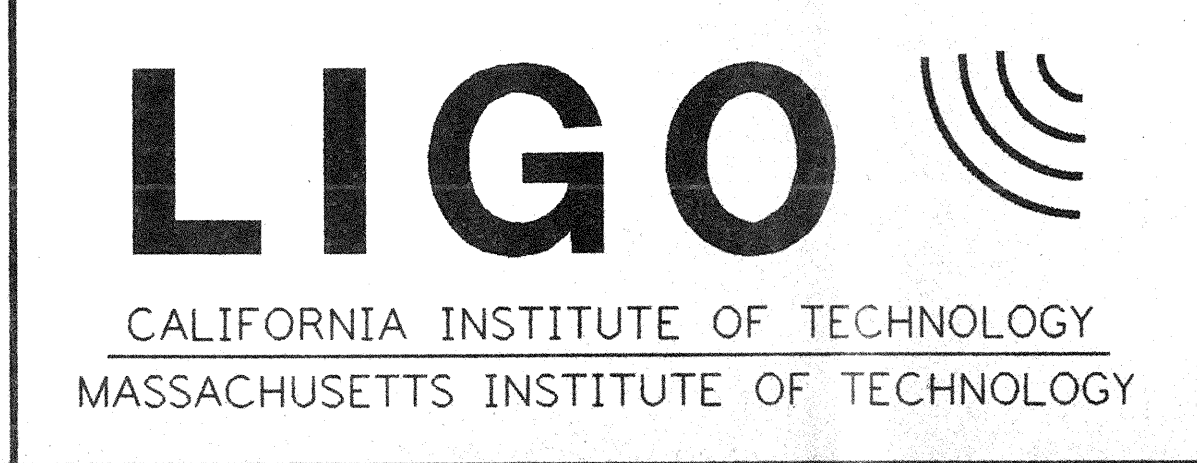
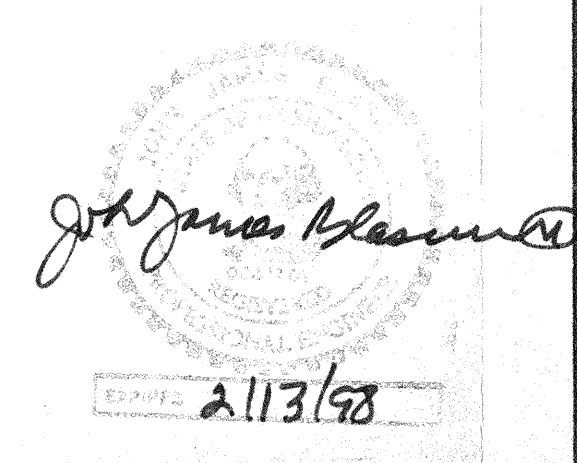
**DOUBLE-WALL HOLDING TANK**  
 500 GALLONS  
 NOT TO SCALE (8) REF  
 WA-C-055 WA-C-023  
 WA-C-027  
 WA-C-043  
 WA-C-047

not be reproduced, copied, loaned, exhibited, or used in any other way, except by written consent from PARSONS to the borrower.

This document and the design it covers are the property of PARSONS. They are loaned only with the borrower's expressed written agreement that they will

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION

FOR CONSTRUCTION	DATE
DRAWN	WRB 9/28/95
CHECKED	ML 7/7/96
ENGINEER	gh 7/5/96
PROJ	



LASER INTERFEROMETER GRAVITATIONAL-WAVE OBSERVATORY SITE NO. 1 - HANFORD, WASHINGTON							
TITLE	CIVIL UTILITY DETAILS SHEET 1	SCALE	AS NOTED	CONTRACT NUMBER	PPI 50969	PROJECT NUMBER	8094
SHEET NUMBER		WA - C - 055		REVISIONS			