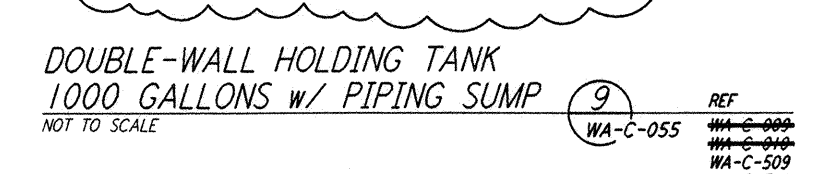
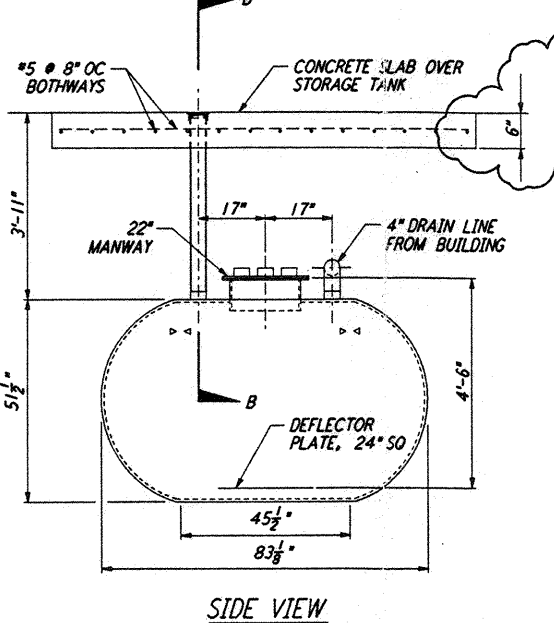
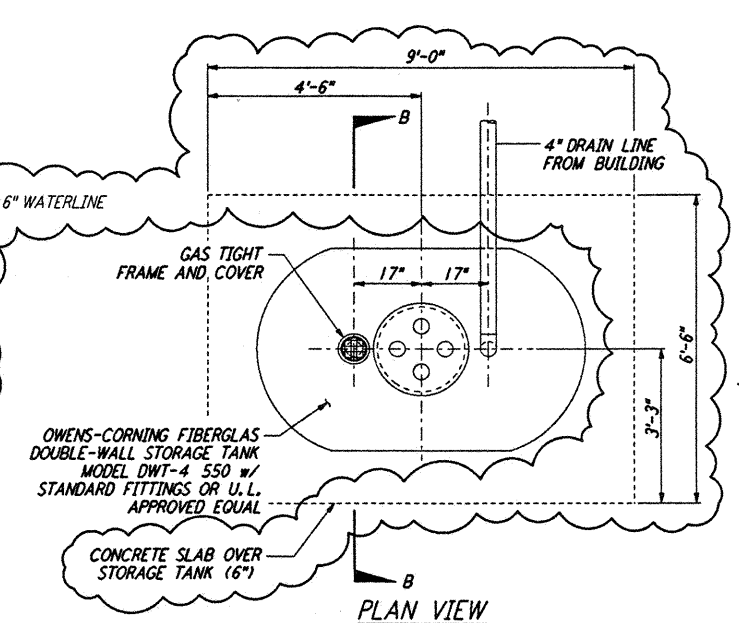
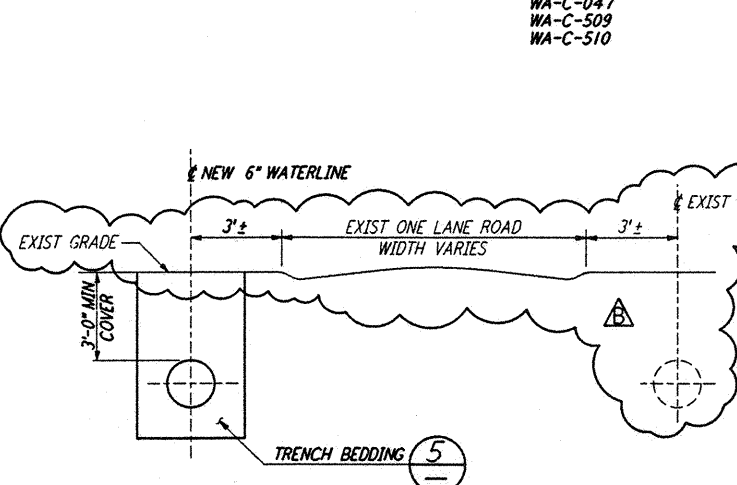
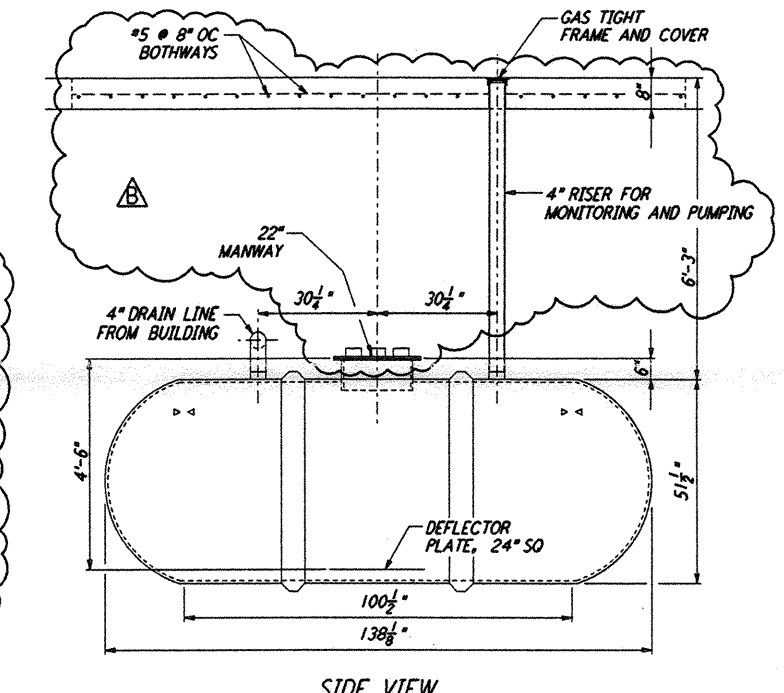
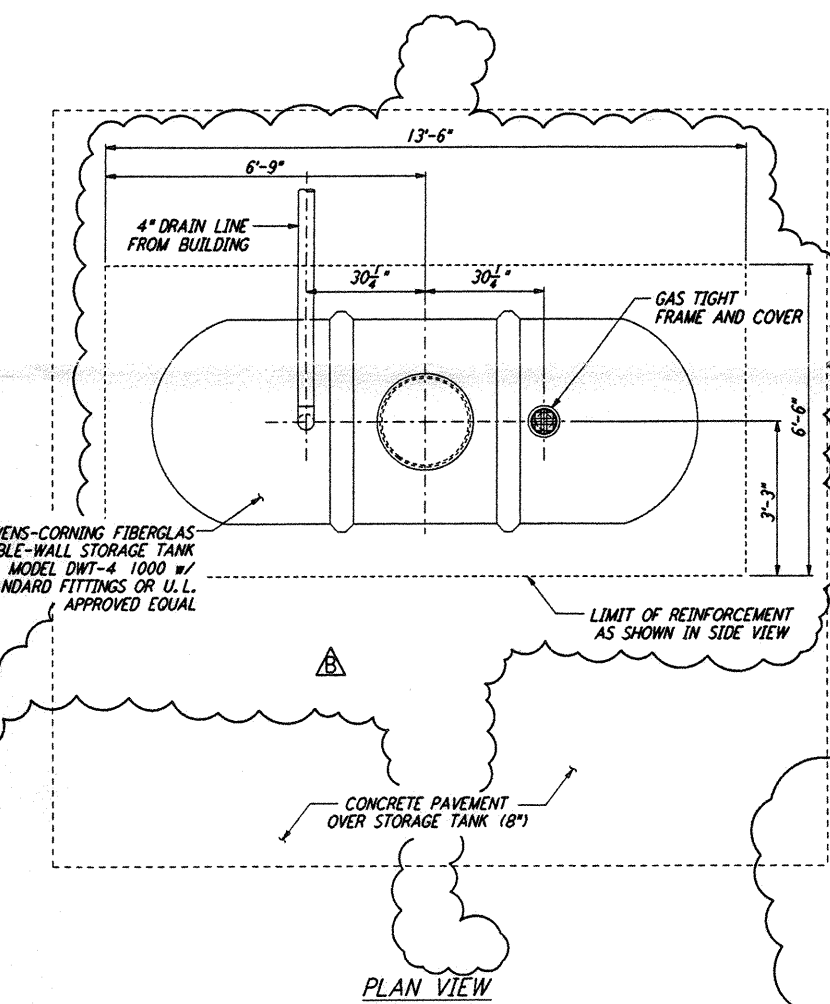
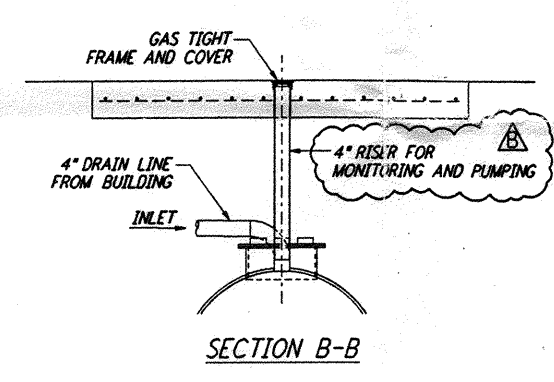
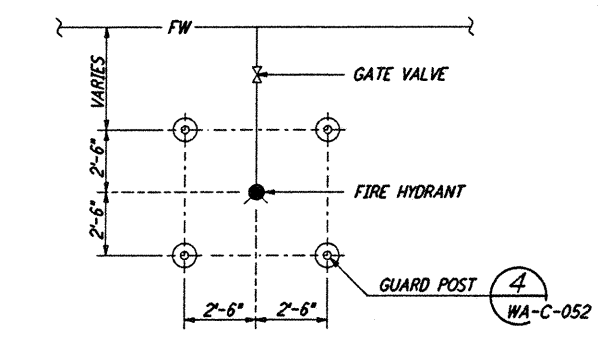
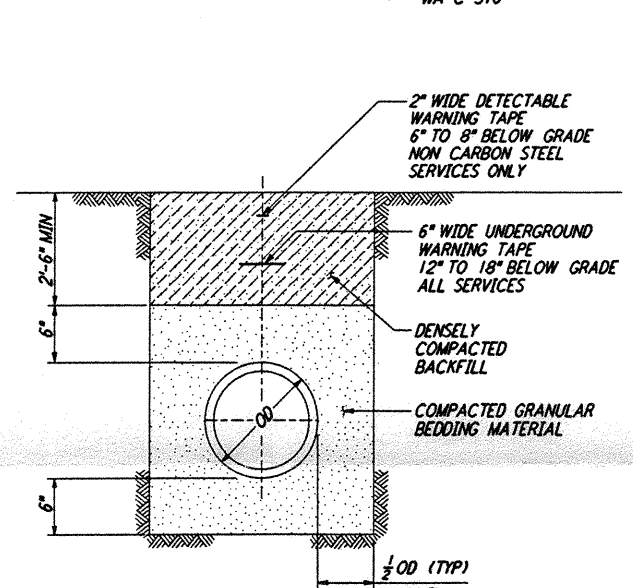
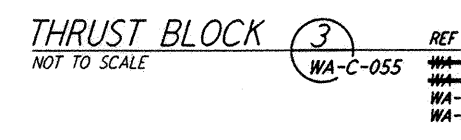
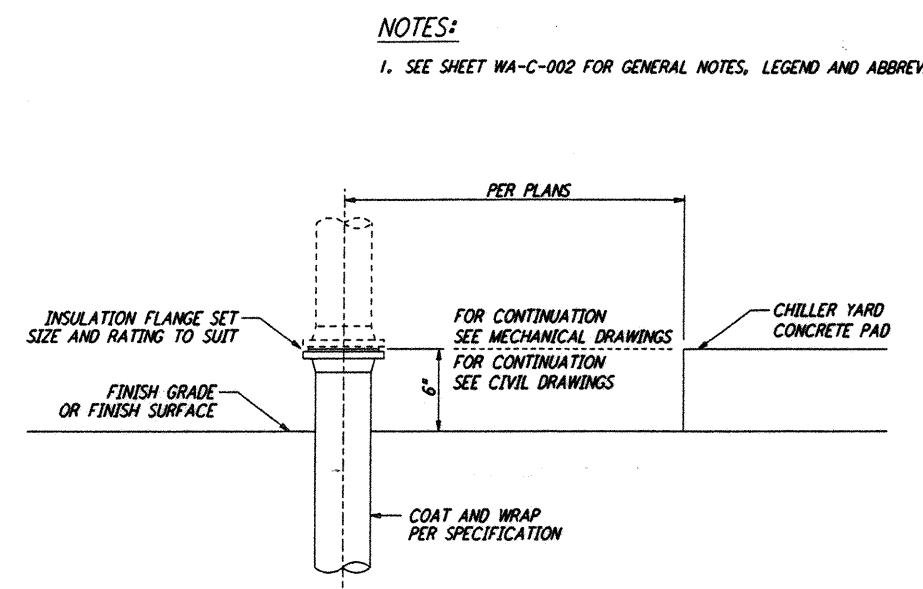


TYPE	SIZE	90° BEND		45° BEND		22½° BEND		TEE		PLUG	
		A	B	A	B	A	B	A	B	C	D
TYPE I 4000 PSI FILL	4"	6"	8"	4"	6"	3"	6"	6"	6"	8"	13"
	6"	8"	10"	6"	8"	3"	8"	8"	8"	10"	15"
	8"	12"	12"	8"	10"	5"	9"	9"	12"	12"	20"
	10"	16"	14"	10"	12"	6"	10"	11"	14"	14"	25"
	12"	19"	16"	12"	14"	8"	11"	14"	16"	16"	30"
TYPE II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



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NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
B	5/22/96	WRB	MZ			BID ADDENDUM #2
A	4/19/96	WRB	MZ			FINAL DESIGN REVIEW & BID

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION

DRAWN	WRB
CHECKED	
ENGINEER	
PROJ	

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PASADENA, CALIFORNIA

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CIVIL UTILITY DETAILS SHEET 1  
AS NOTED PP150969 8094  
**WA-C-055**