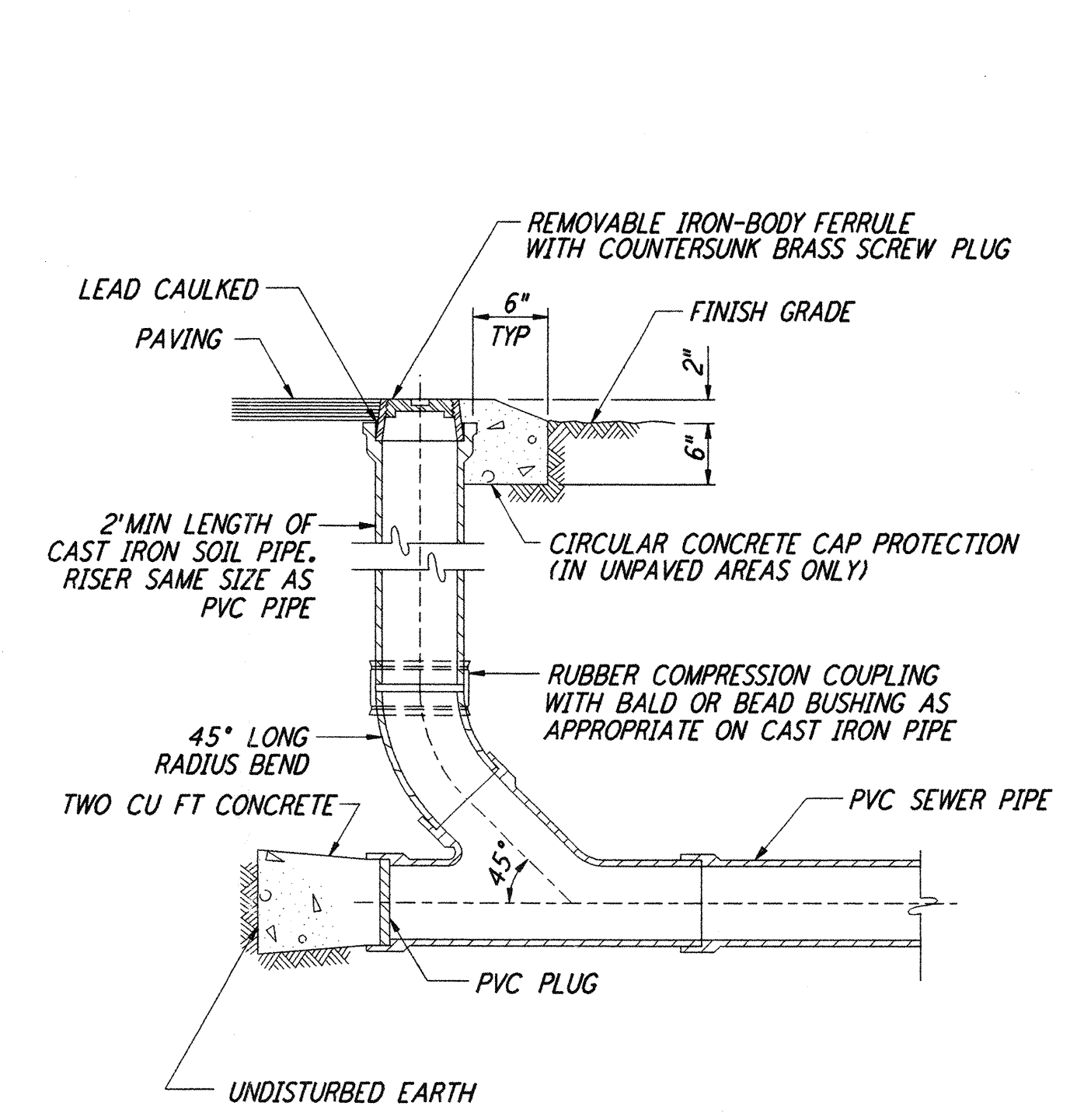
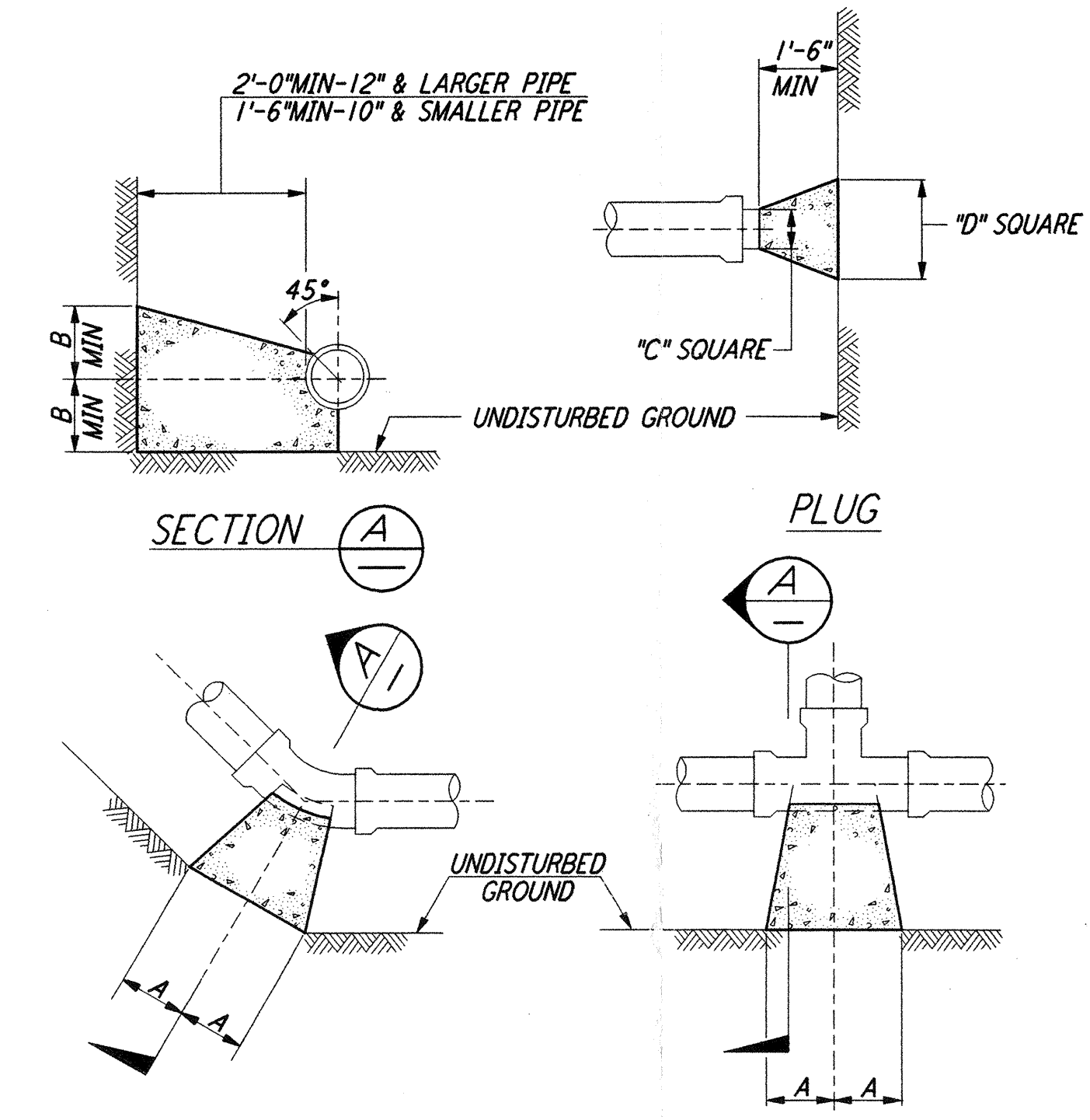


VALVE BOX (1) REF
 NOT TO SCALE LA-C-055 LA-C-009
 NOTE: VALVE SIZE 12" MAXIMUM LA-C-010



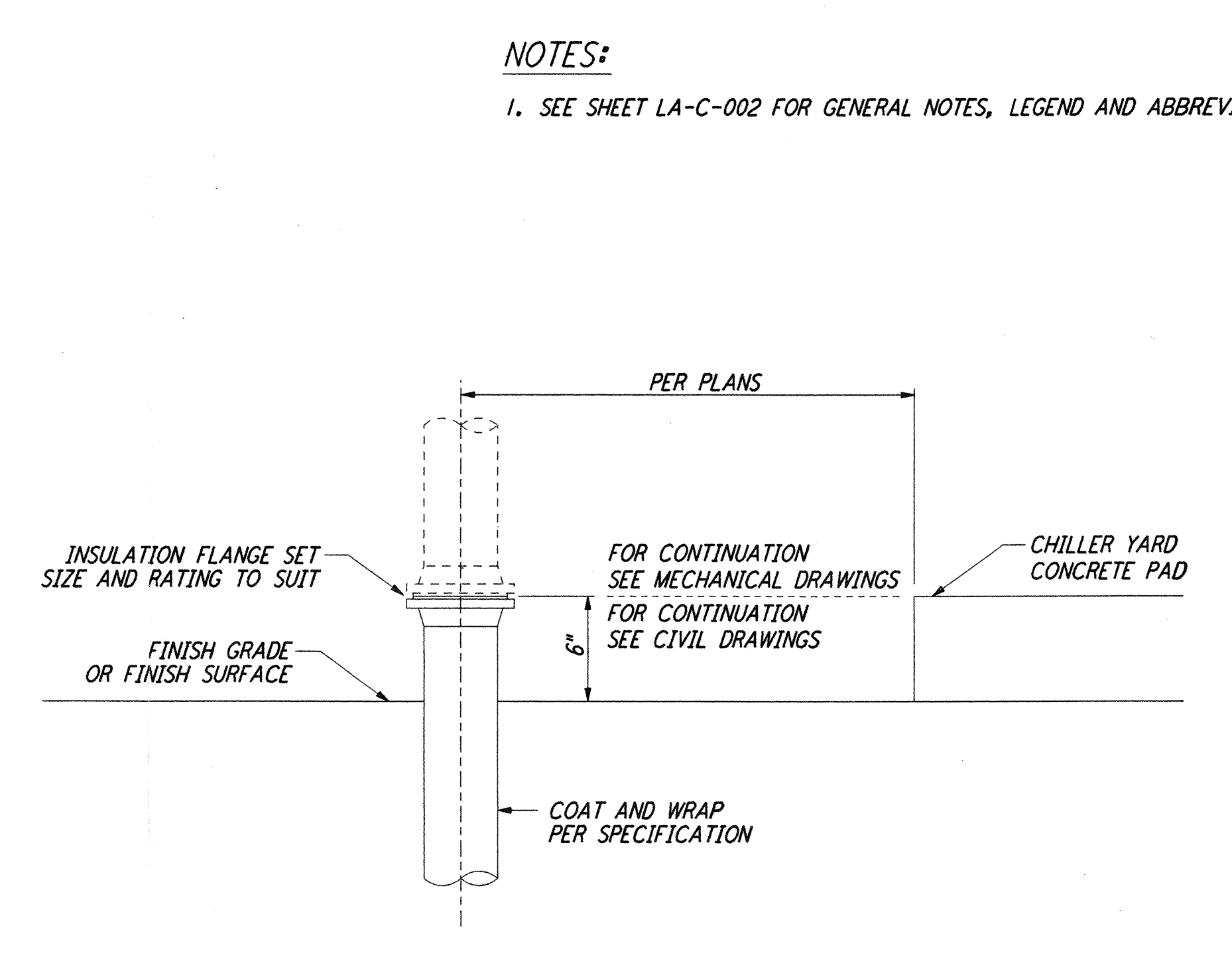
SANITARY SEWER CLEANOUT (2) REF
 NOT TO SCALE LA-C-055 LA-C-009
 LA-C-010



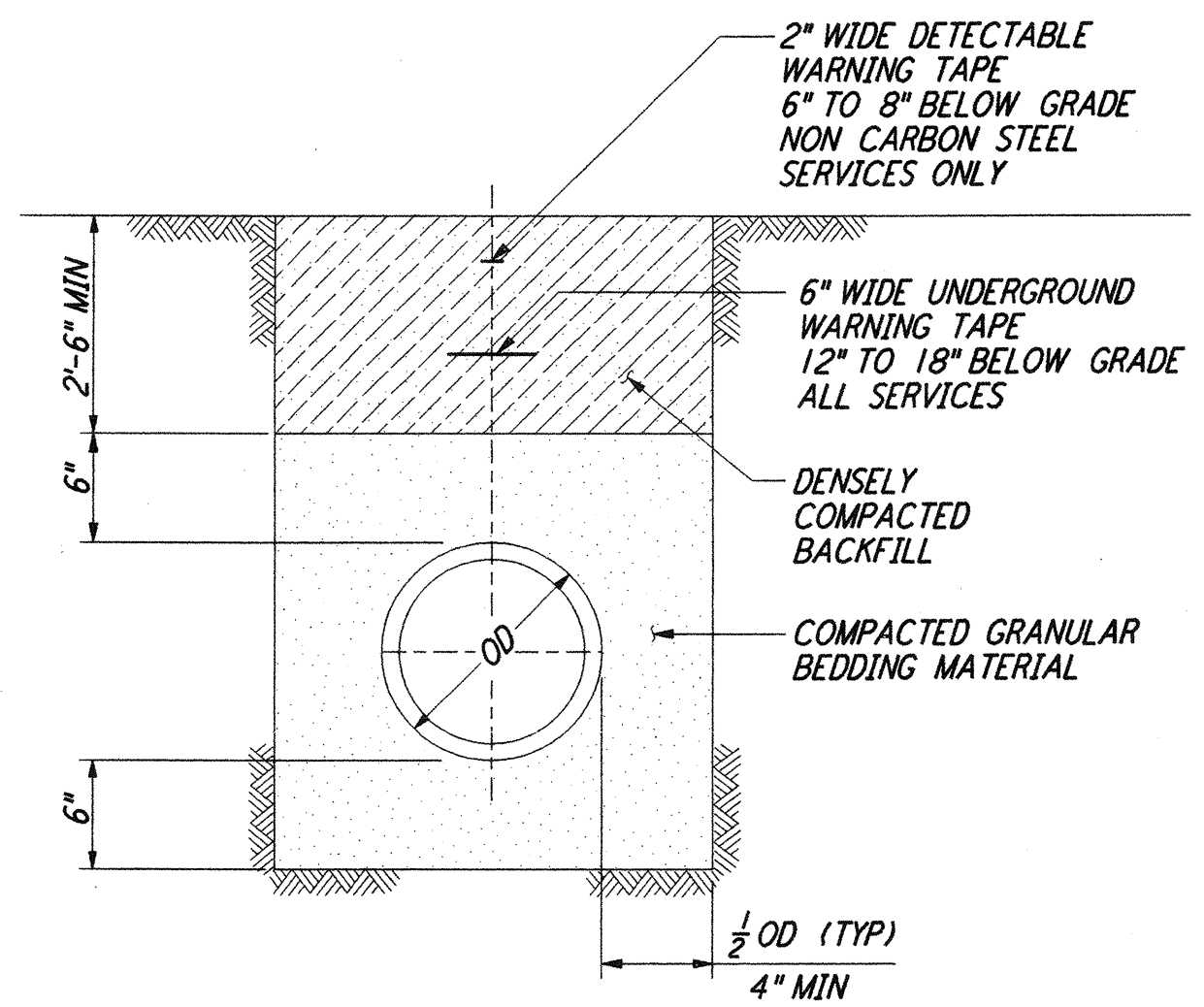
BEND (3) REF
 NOT TO SCALE LA-C-055 LA-C-009
 LA-C-010

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"	18"	24"	16"	41"
14"	35"	24"	19"	24"	12"	20"	22"	27"	18"	48"	

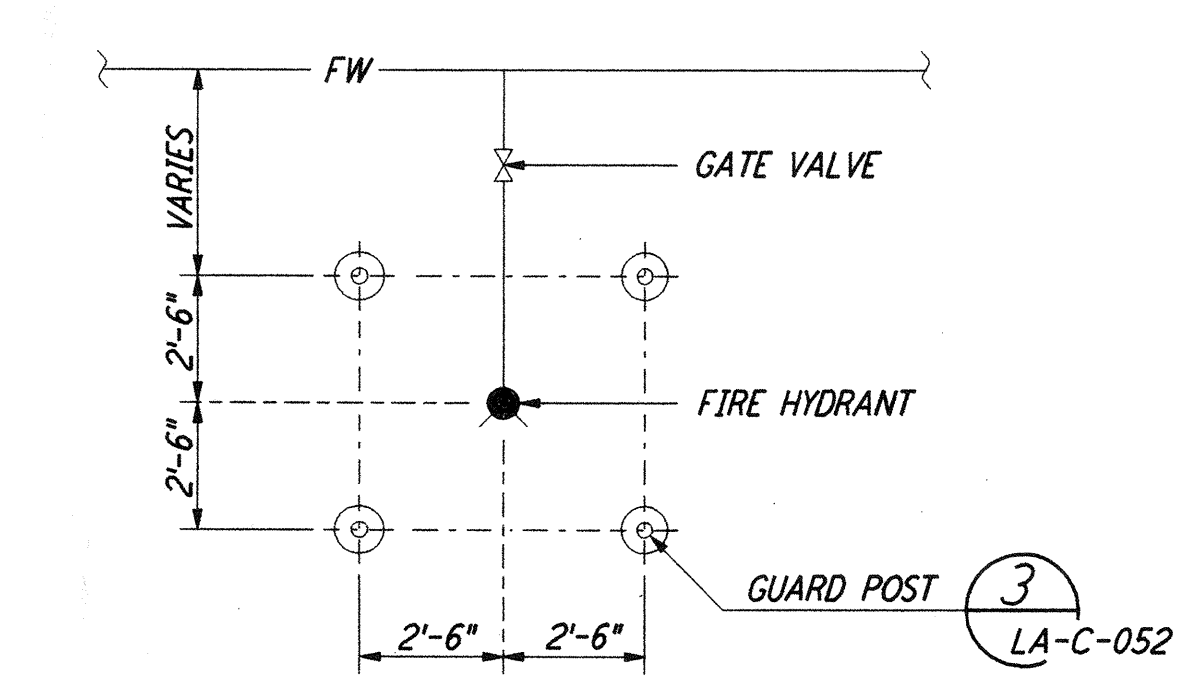
NOTES:
 1. BASED ON 150 PSI STATIC PRESSURE PLUS ANWA WATER HAMMER.
 2. ALL OTHER CONDITIONS MUST BE CALCULATED.



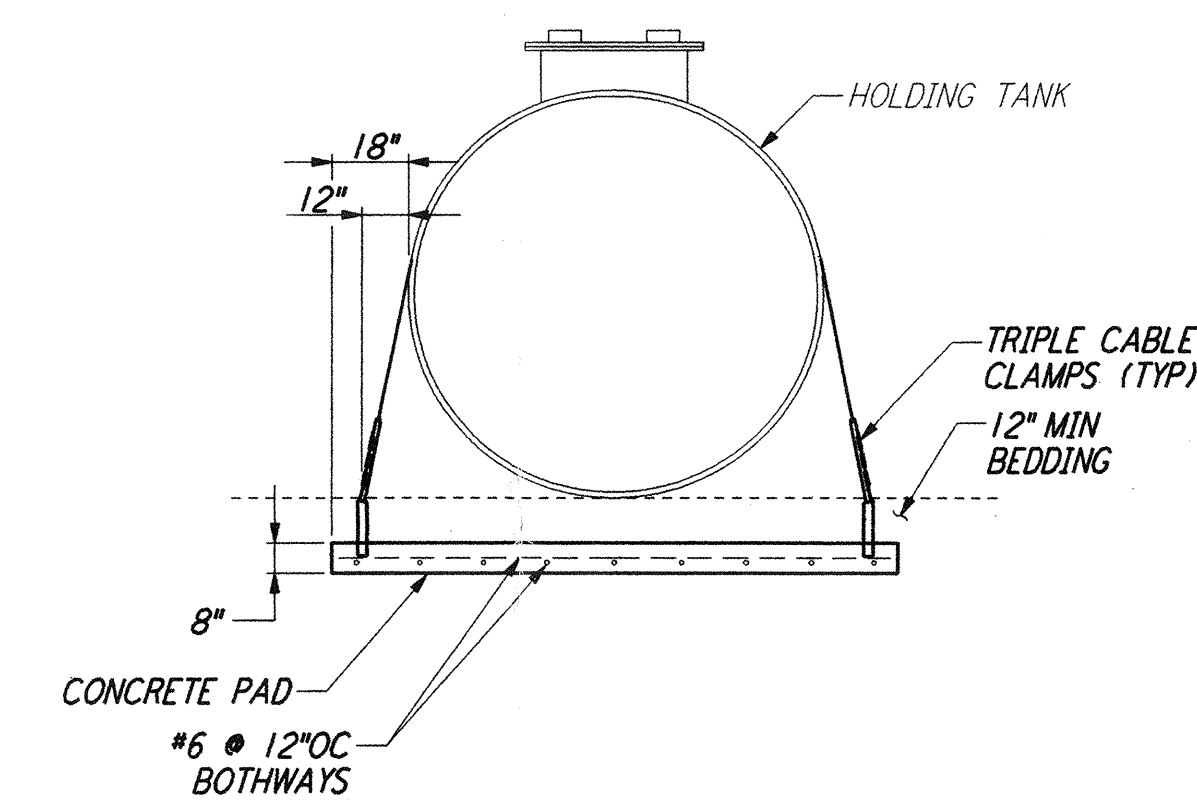
PIPE CONNECTION (4) REF
 NOT TO SCALE LA-C-055 LA-C-009
 LA-C-010
 LA-C-027
 LA-C-047



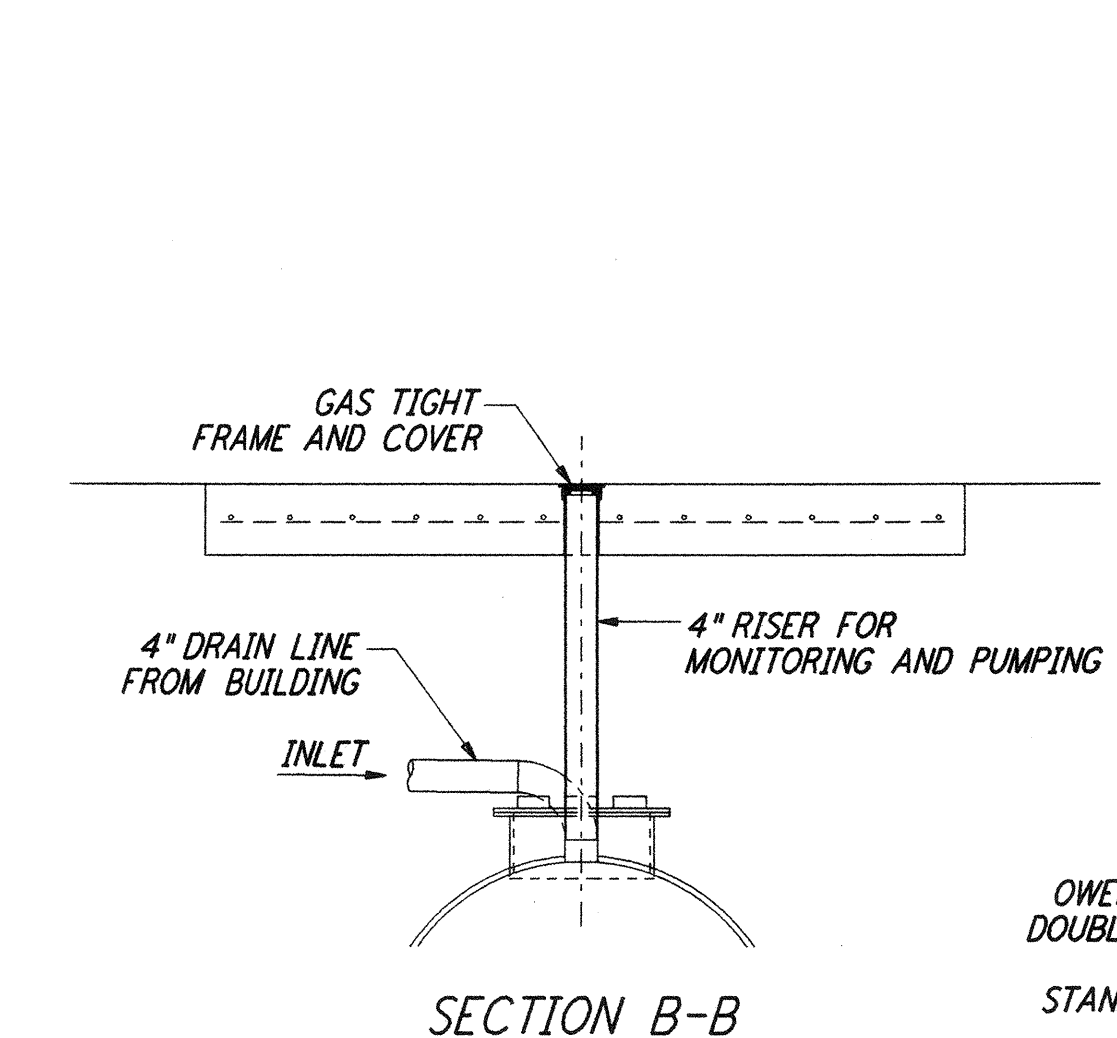
TRENCH BEDDING (5) REF
 NOT TO SCALE LA-C-055 LA-C-009
 LA-C-010
 LA-C-027
 LA-C-047



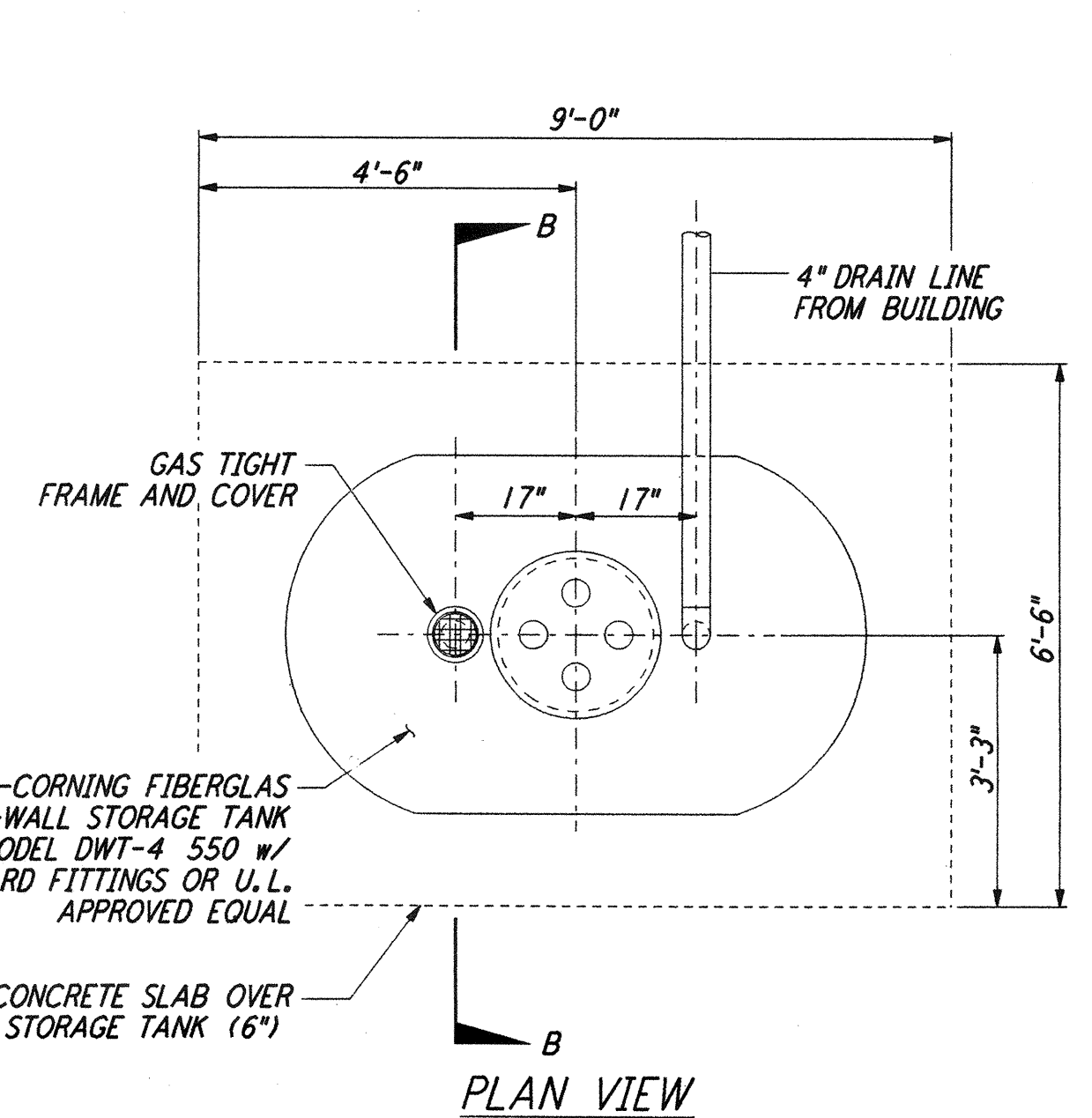
GUARD POST LOCATIONS (6) REF
 (FIRE HYDRANT) NOT TO SCALE LA-C-055 LA-C-009
 LA-C-010



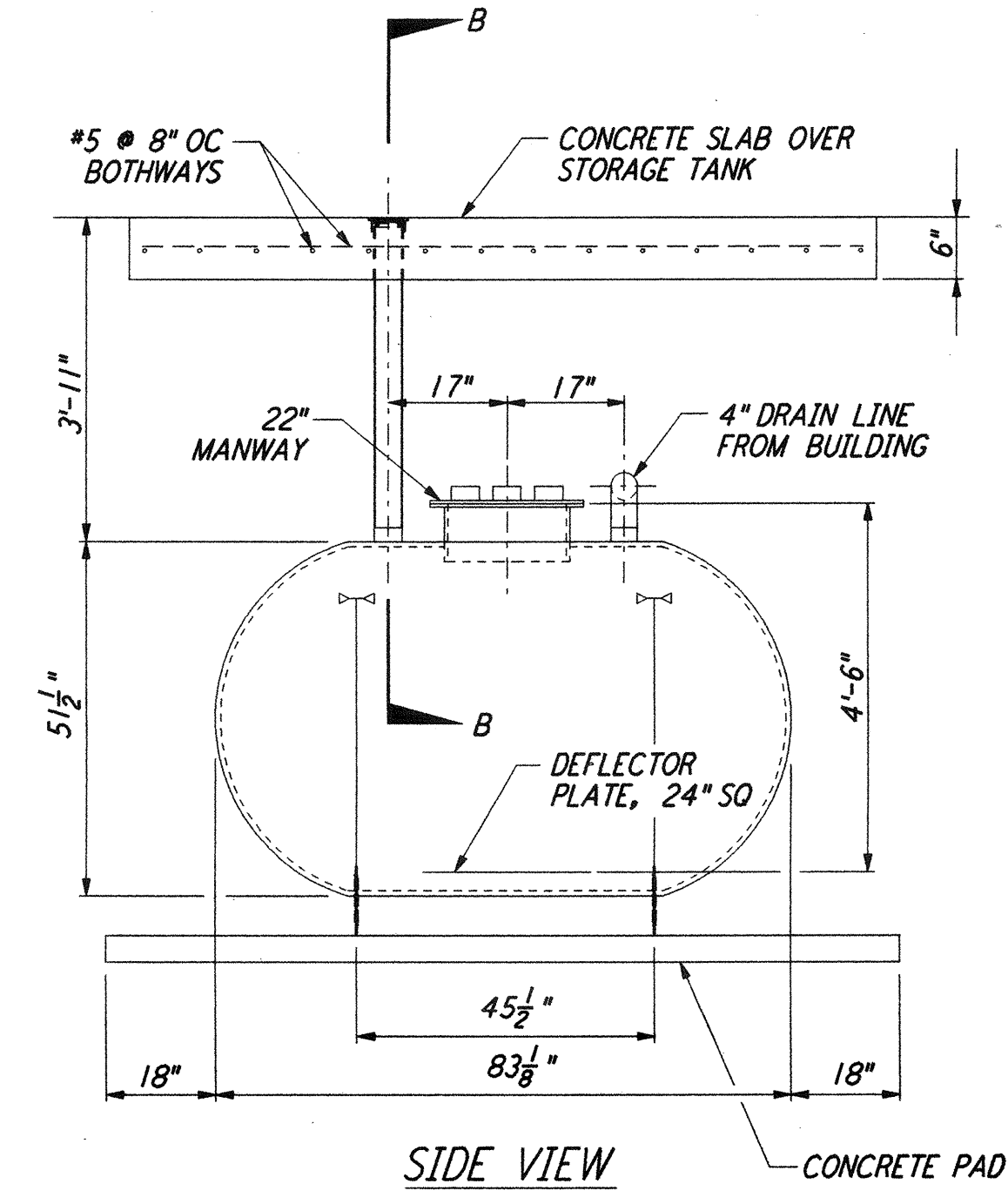
SIDE ELEVATION CONCRETE ANCHOR PAD FOR HOLDING TANKS - TYPICAL



SECTION B-B

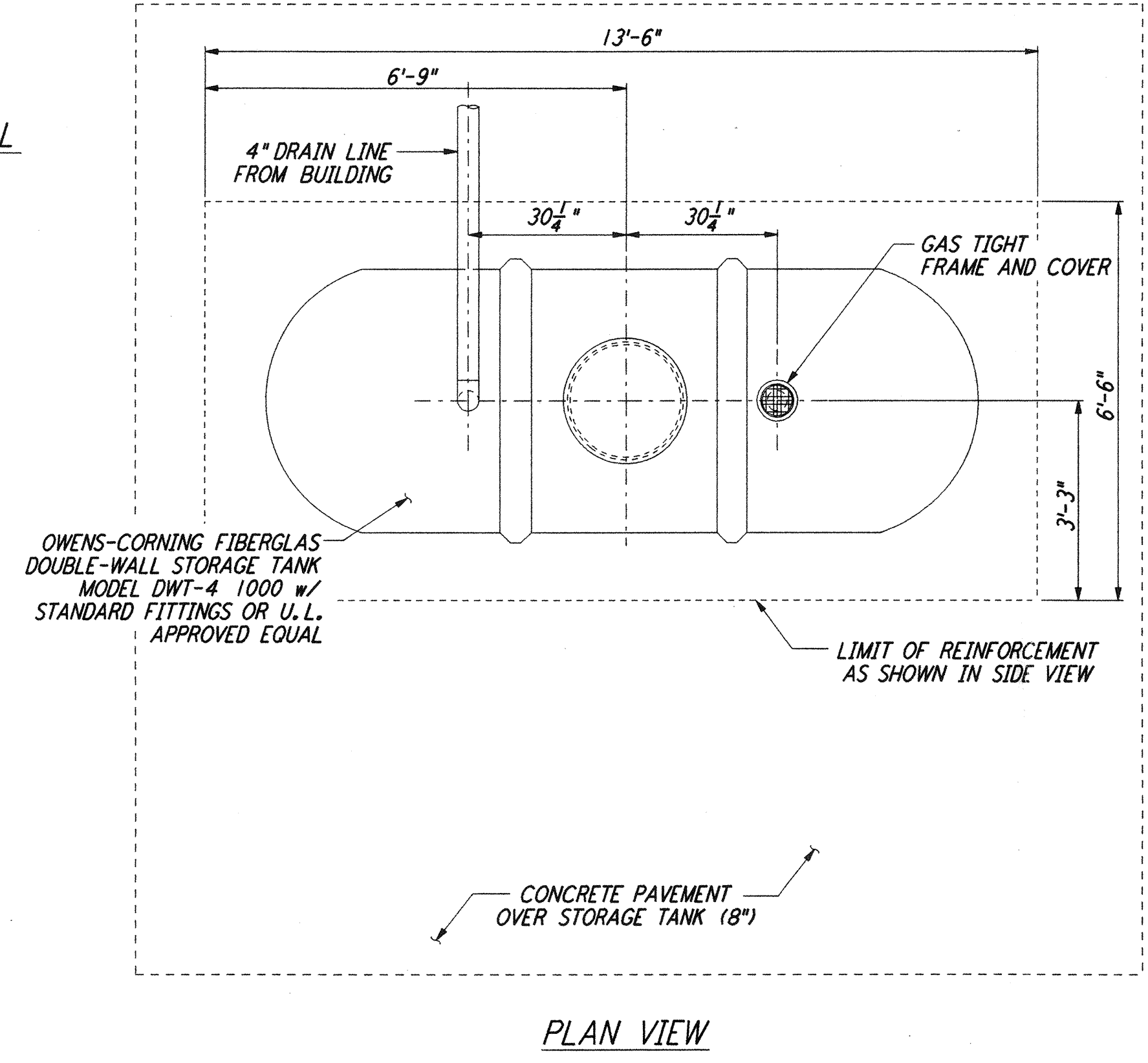


PLAN VIEW

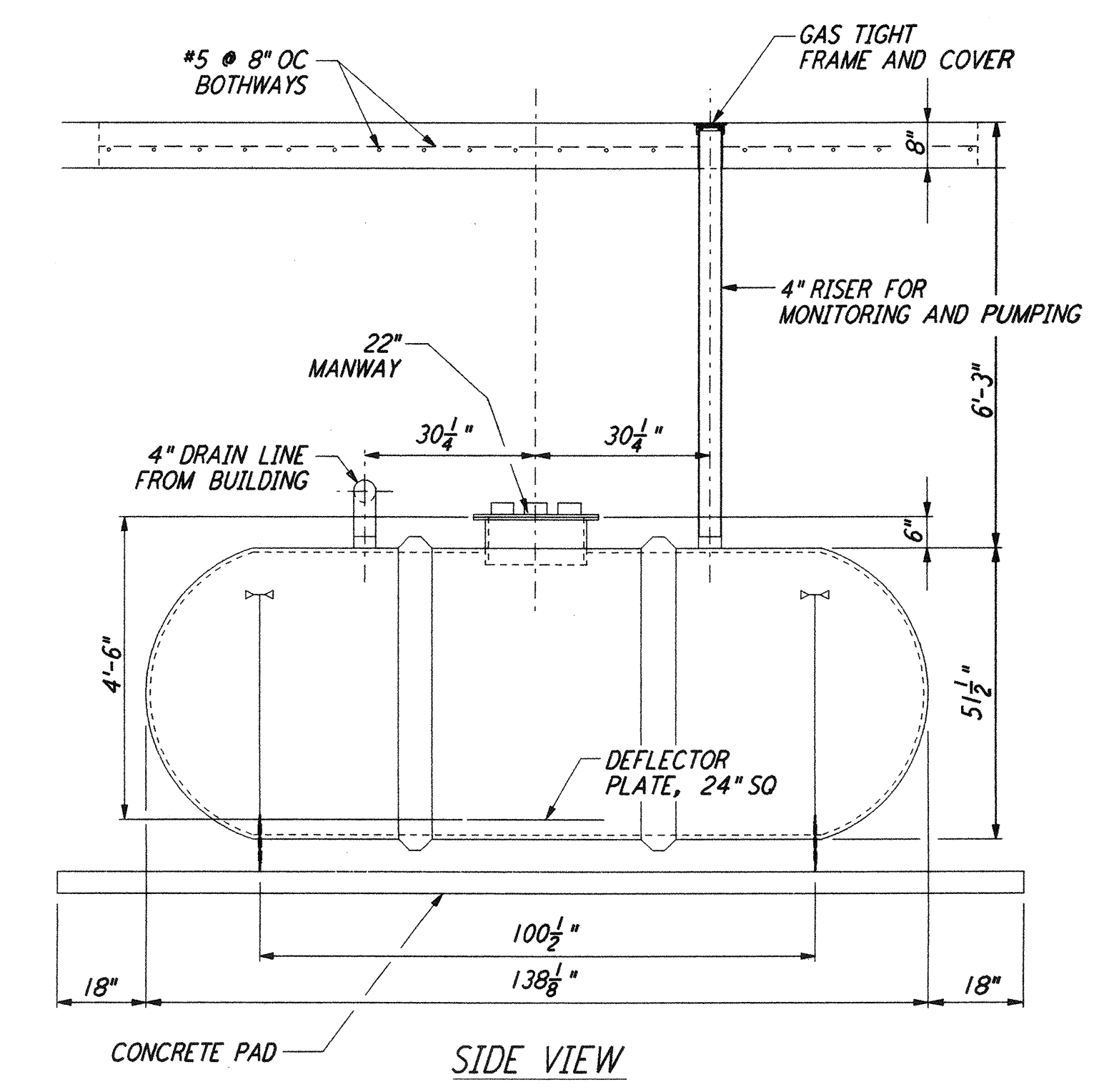


SIDE VIEW

DOUBLE-WALL HOLDING TANK 500 GALLONS (7) REF
 NOT TO SCALE LA-C-055 LA-C-027
 LA-C-047



PLAN VIEW



SIDE VIEW

DOUBLE-WALL HOLDING TANK 1000 GALLONS (8) REF
 NOT TO SCALE LA-C-055 LA-C-010

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
1	08-07-98	WRB				ISSUED FOR AS-BUILT

ISSUED FOR CONSTRUCTION
 DRAWN: WRB 11-15-96
 CHECKED: ML 11-15-96
 ENGINEER: JB 11-15-96
 PROJ: TDM 11-15-96
AS-BUILT DRAWINGS

PARSONS
 100 WEST WALNUT STREET
 PASADENA, CALIFORNIA

LIGO
 CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LIGO-D960864-01-0		
LASER INTERFEROMETER GRAVITATIONAL-WAVE OBSERVATORY SITE NO. 2 - LIVINGSTON, LOUISIANA		
TITLE	SCALE	PROJECT NUMBER
CIVIL UTILITY DETAILS	AS NOTED	PPI 50969 8094
SHEET NUMBER		REVISIONS
LA-C-055		

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