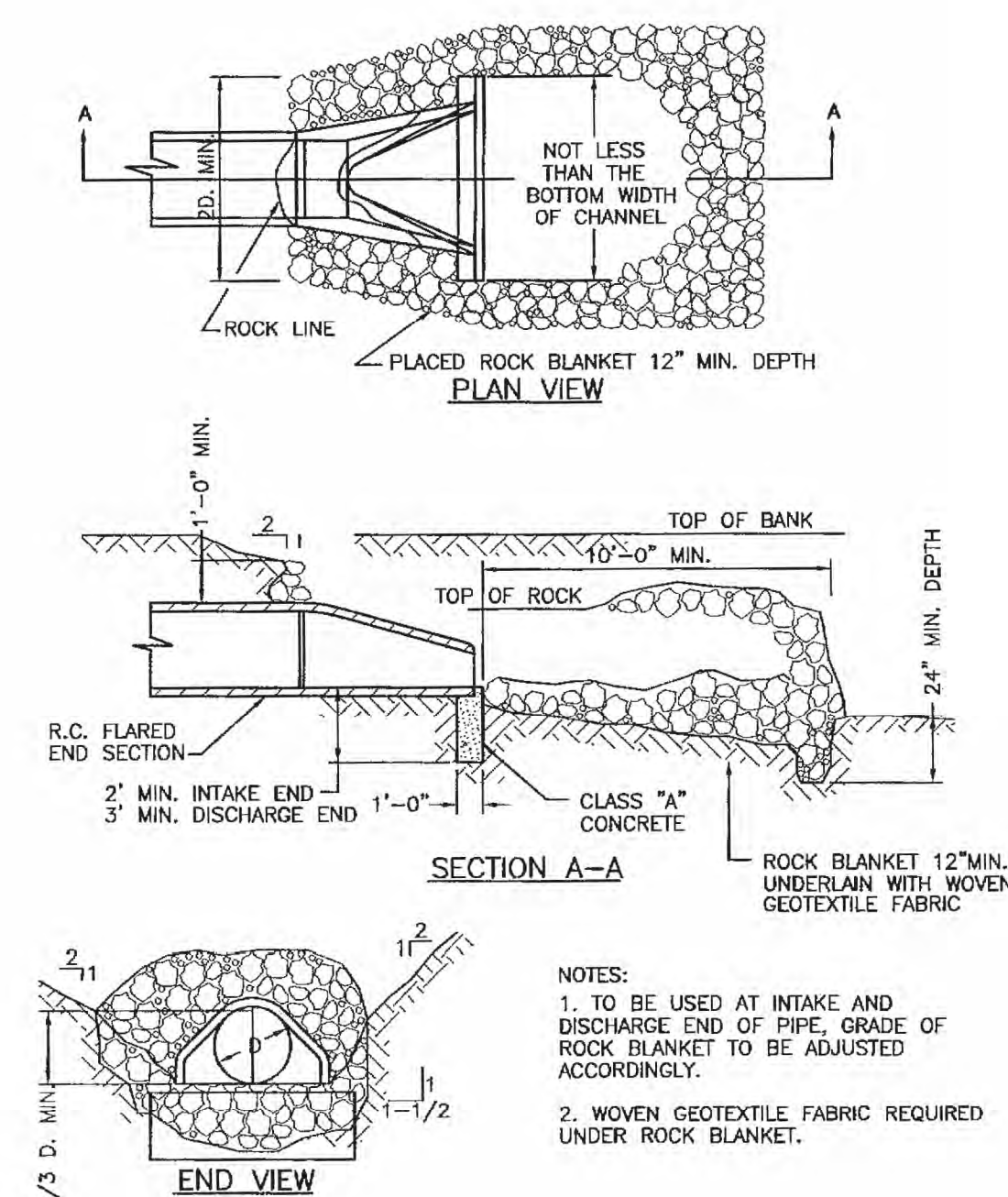


BAX PROJECT NAME : 04-12985  
BAX PROJECT NO. : 04-12985  
DESIGN DATE : 3-2-05  
DESIGNED BY : CLS

SUBMITTED: 3-2-05 FILENAME: 04-12995

UPP STR	LOW STR	L	DIA	UPPER FL LN	LOWER FL LN	PS	UPPER ST EL	DEPTH HY GR	UPPER HY EL	LOWER HY EL	HYDR GRADE	FR HEAD	VEL	VEL HEAD	JUNC LOSS	TQ	PIPE CAP	REMARKS	
AL105	MH104	242	12	570.30	567.78	1.04	577.54	6.71	570.83*	568.78	.00310	0.75	2.52	0.10	0.10	1.98	3.63	1	HW=564.81 I.T.P.
MH104	EX-FE	38	15	567.58	563.56	10.58	574.50	6.52	567.98*	564.81	.00570	0.22	3.98	0.25	0.21	4.88	21.02	2	
GI101	FE100	125	15	567.15	564.60	2.05	571.50	3.67	567.83*	565.85	.00650	0.81	4.24	0.28	0.28	5.20	9.24	3	HW=565.85 I.T.P.
FE103	FE102	98	15	563.75	561.50	2.29	565.00	1.13	563.88*	562.75	.00000	0.00	0.18	0.00	0.00	0.22	9.78	4	HW=562.75 I.T.P.

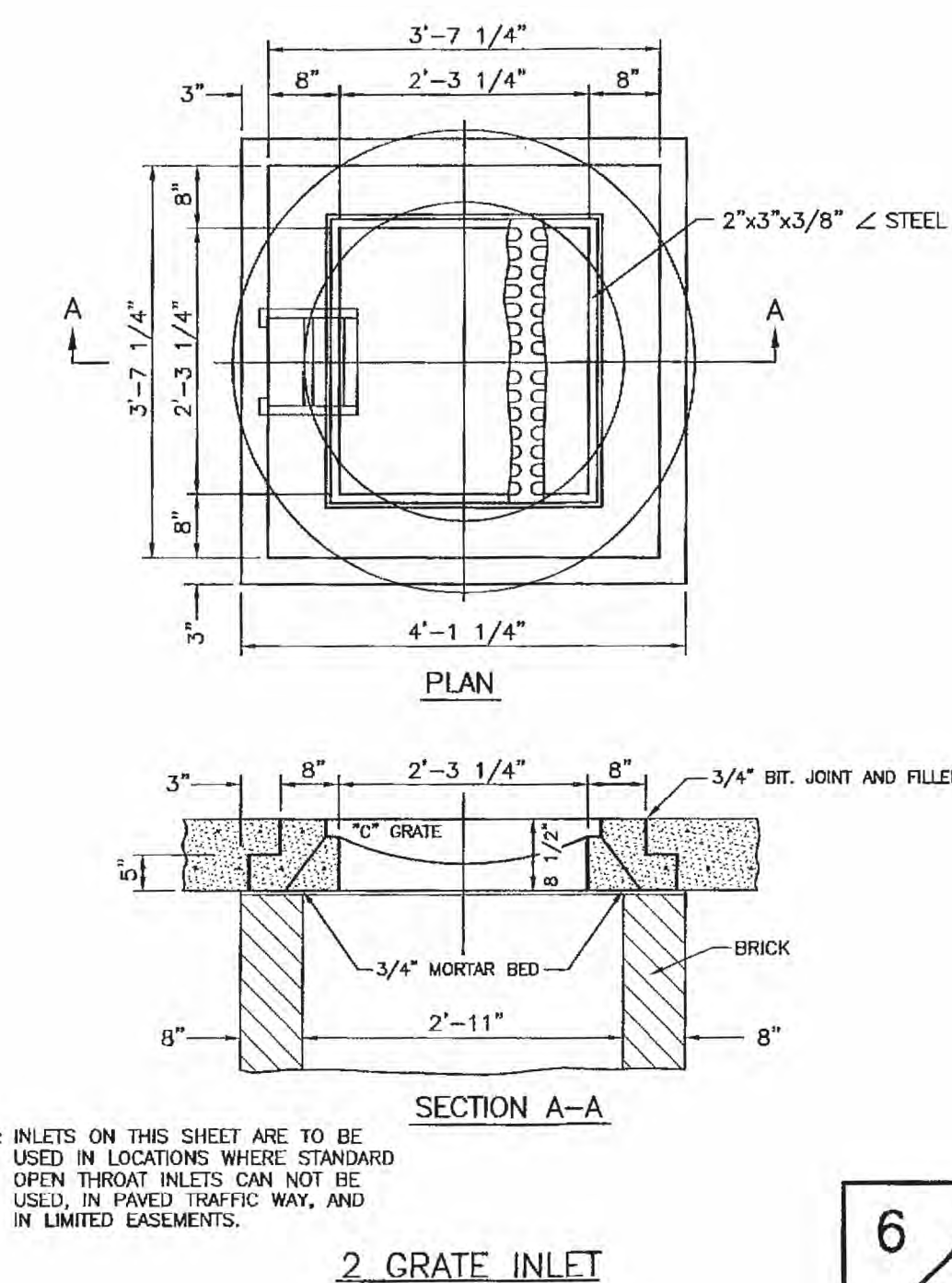
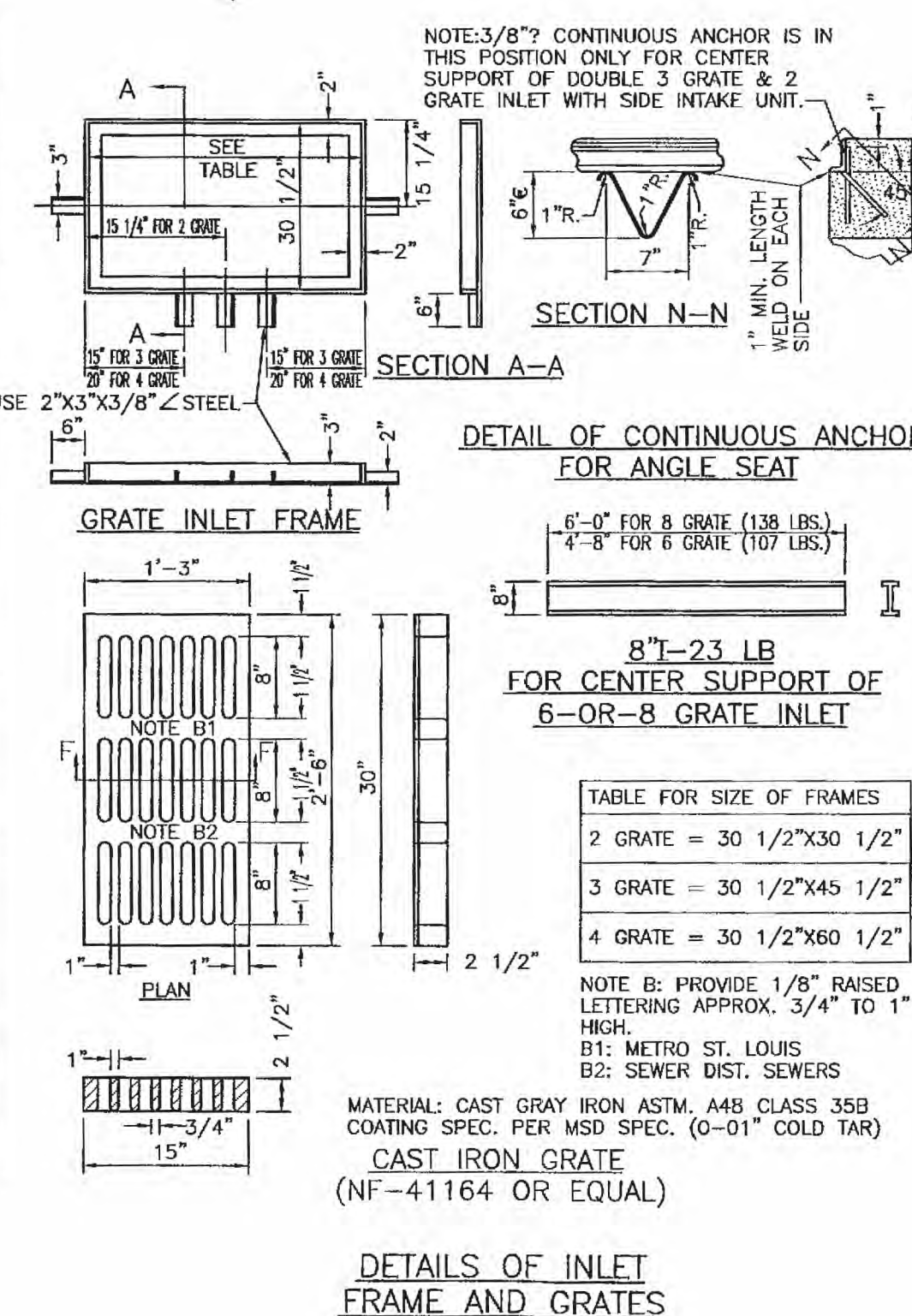
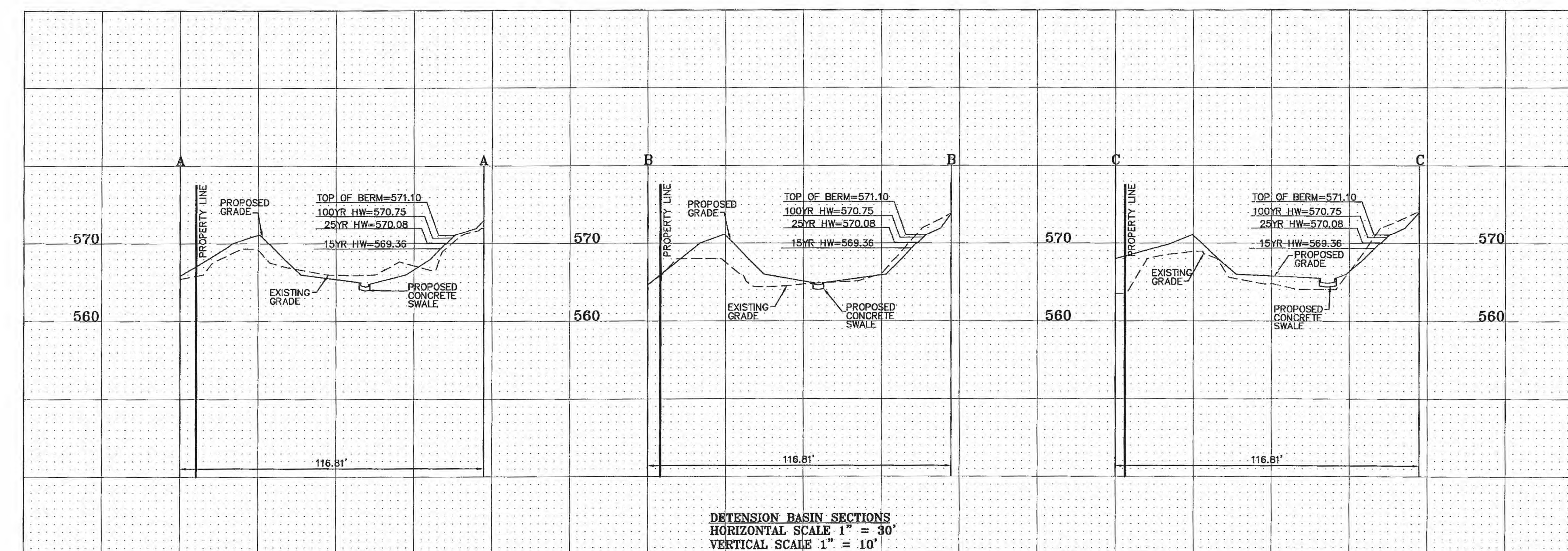
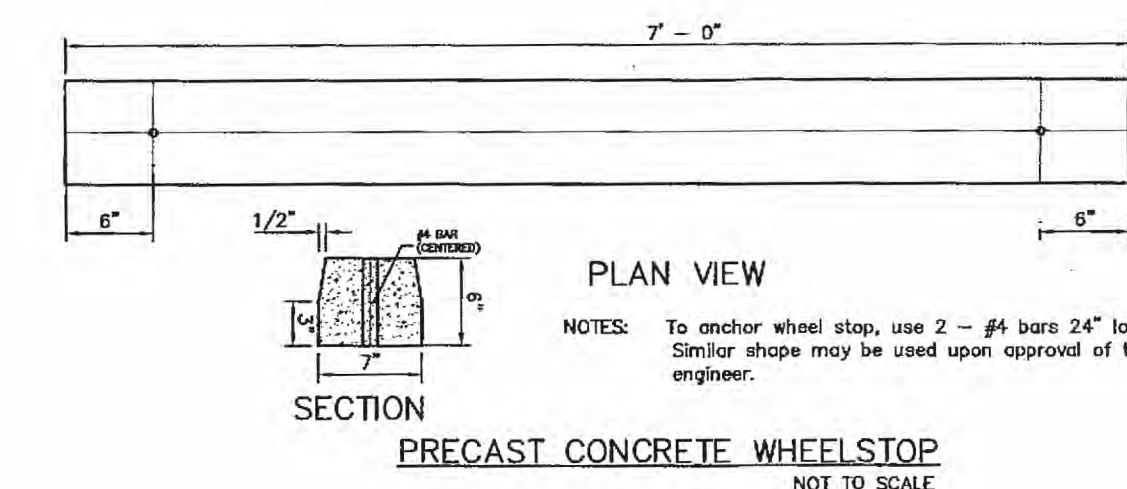
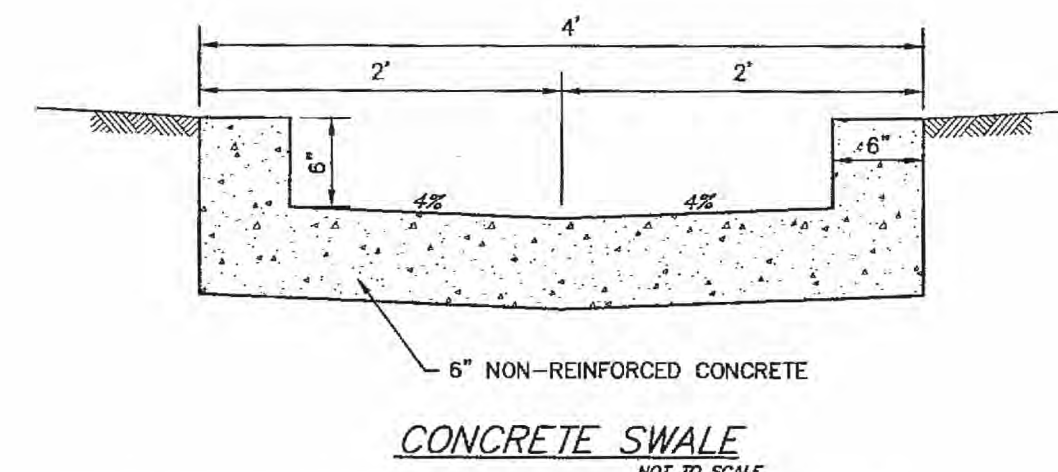
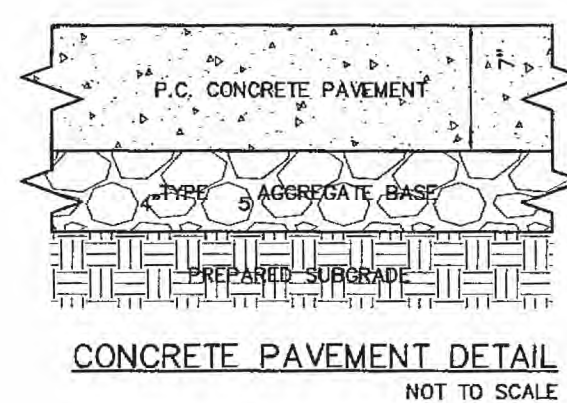
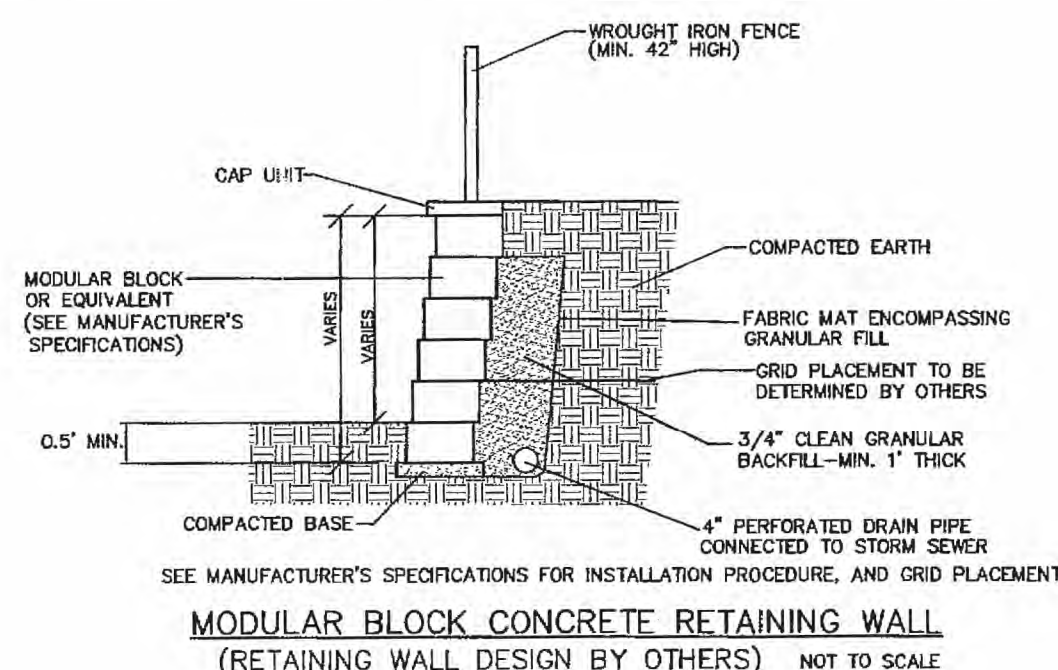
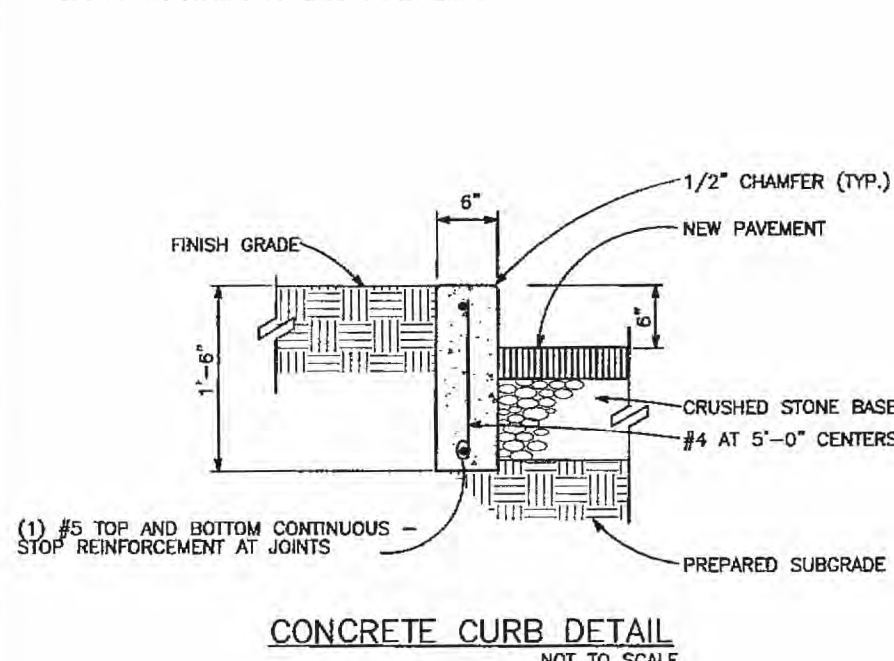
\* INDICATES CRITICAL DEPTH



NOTES:  
1. TO BE USED AT INTAKE AND DISCHARGE END OF PIPE. GRADE OF ROCK BLANKET TO BE ADJUSTED ACCORDINGLY.  
2. WOVEN GEOTEXTILE FABRIC REQUIRED UNDER ROCK BLANKET.

ROUND PIPE				HORIZONTAL ELLIPTICAL PIPE			
Inside Diameter of Pipe (Inches)	Payline Width of Trench (Inches)	Payline Width of Trench (Feet)	Pay-volumes cu. ft. per ft. Concrete Encasement	Inside Diameter of Pipe (Inches)	Payline Width of Trench (Inches)	Payline Width of Trench (Feet)	Pay-volumes cu. ft. per ft. Concrete Encasement
4	28	2.33	3.20				
6	28	2.33	3.46				
8	28	2.33	3.70				
10	28	2.33	3.86				
12	28	2.33	3.98				
15	32	2.67	4.89				
18	35	2.92	5.63	14 X 23	41	3.42	5.94

TABLE NO. 1  
PAYLINE WIDTHS OF TRENCH AND  
PAY-QUANTITIES OF CONCRETE



NOTE: INLETS ON THIS SHEET ARE TO BE USED IN LOCATIONS WHERE STANDARD OPEN THROAT INLETS CAN NOT BE USED, IN PAVED TRAFFIC WAY, AND IN LIMITED EASEMENTS.