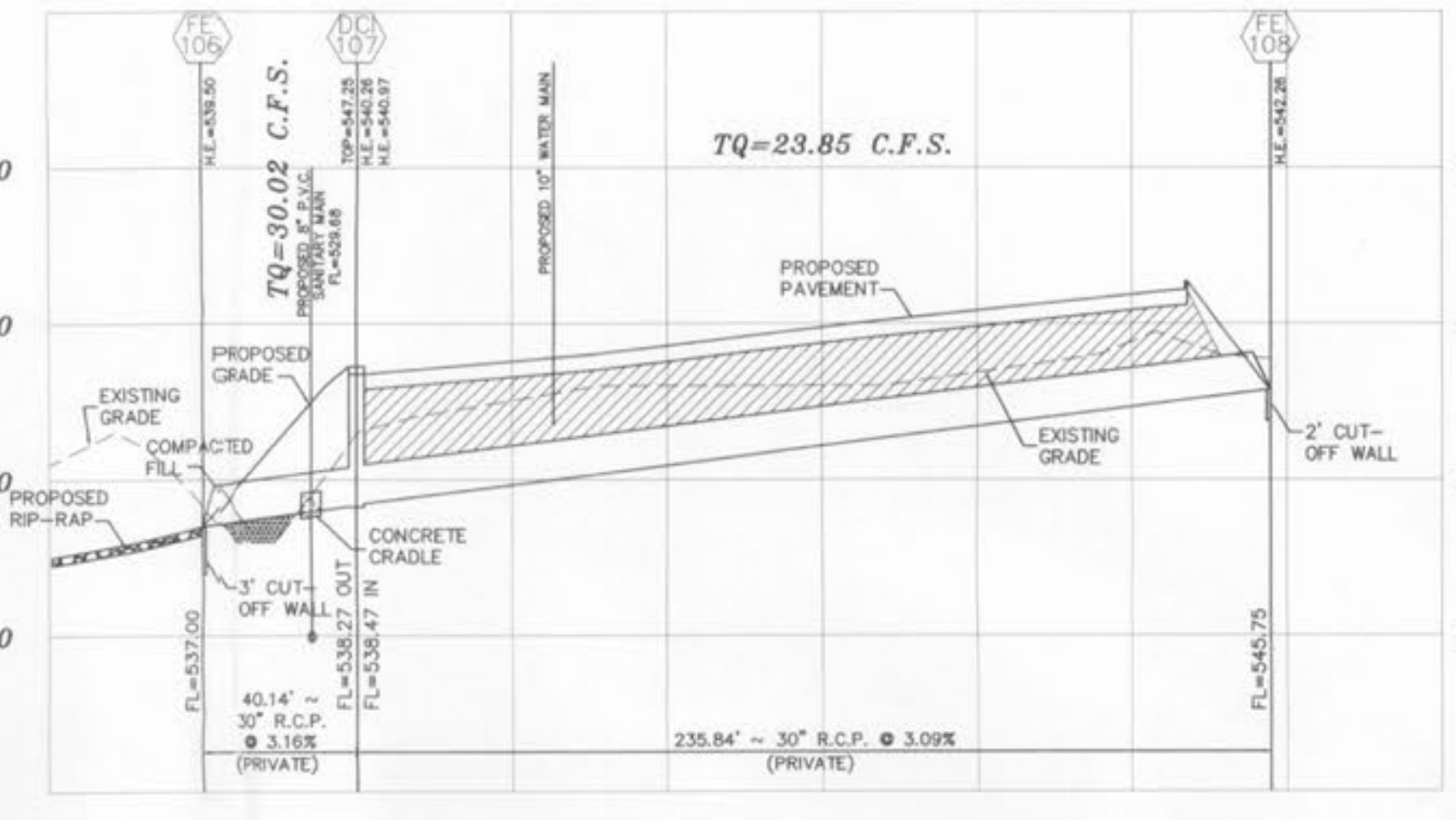
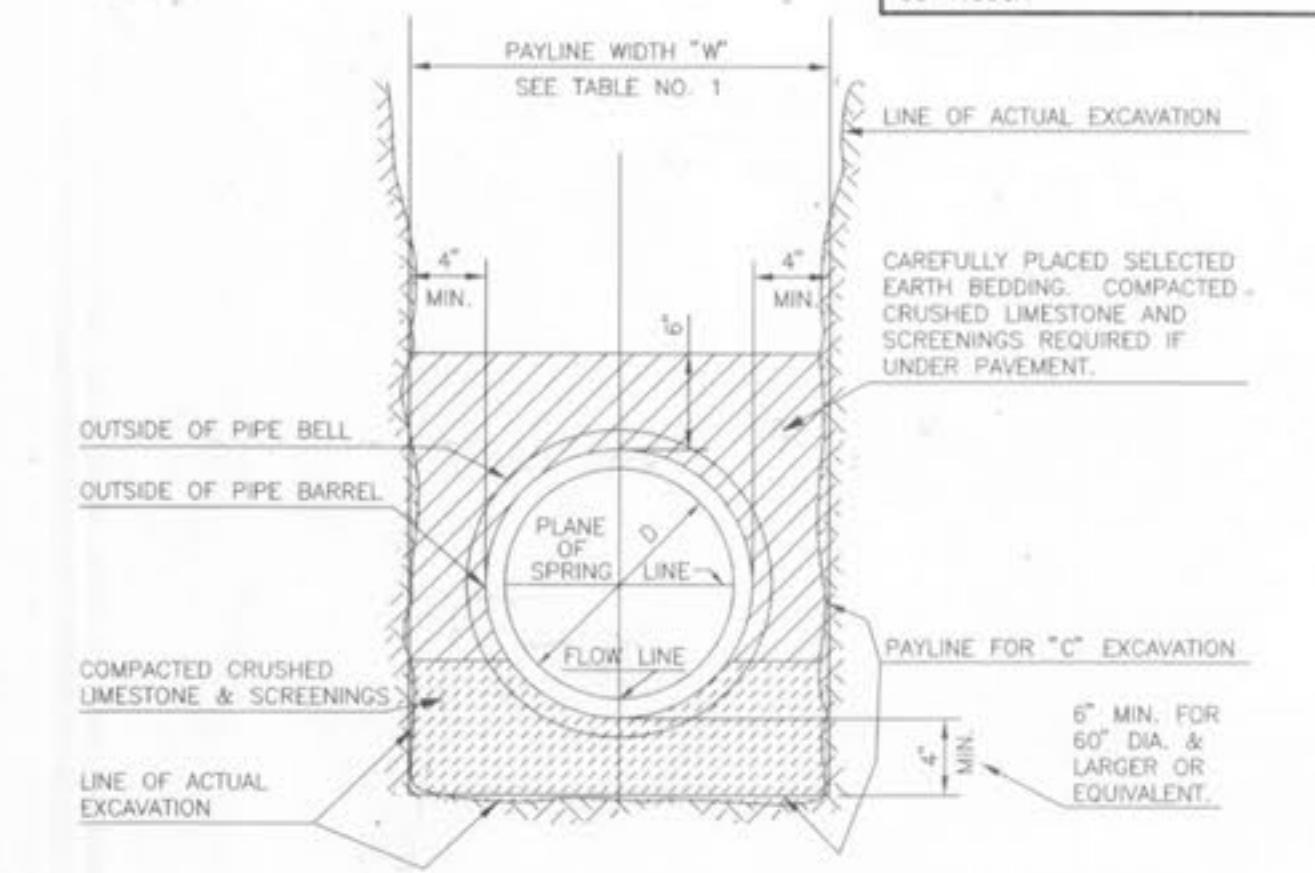


STORM SEWER PROFILE
SCALE: 1" = 10' VERTICAL
1" = 40' HORIZONTAL



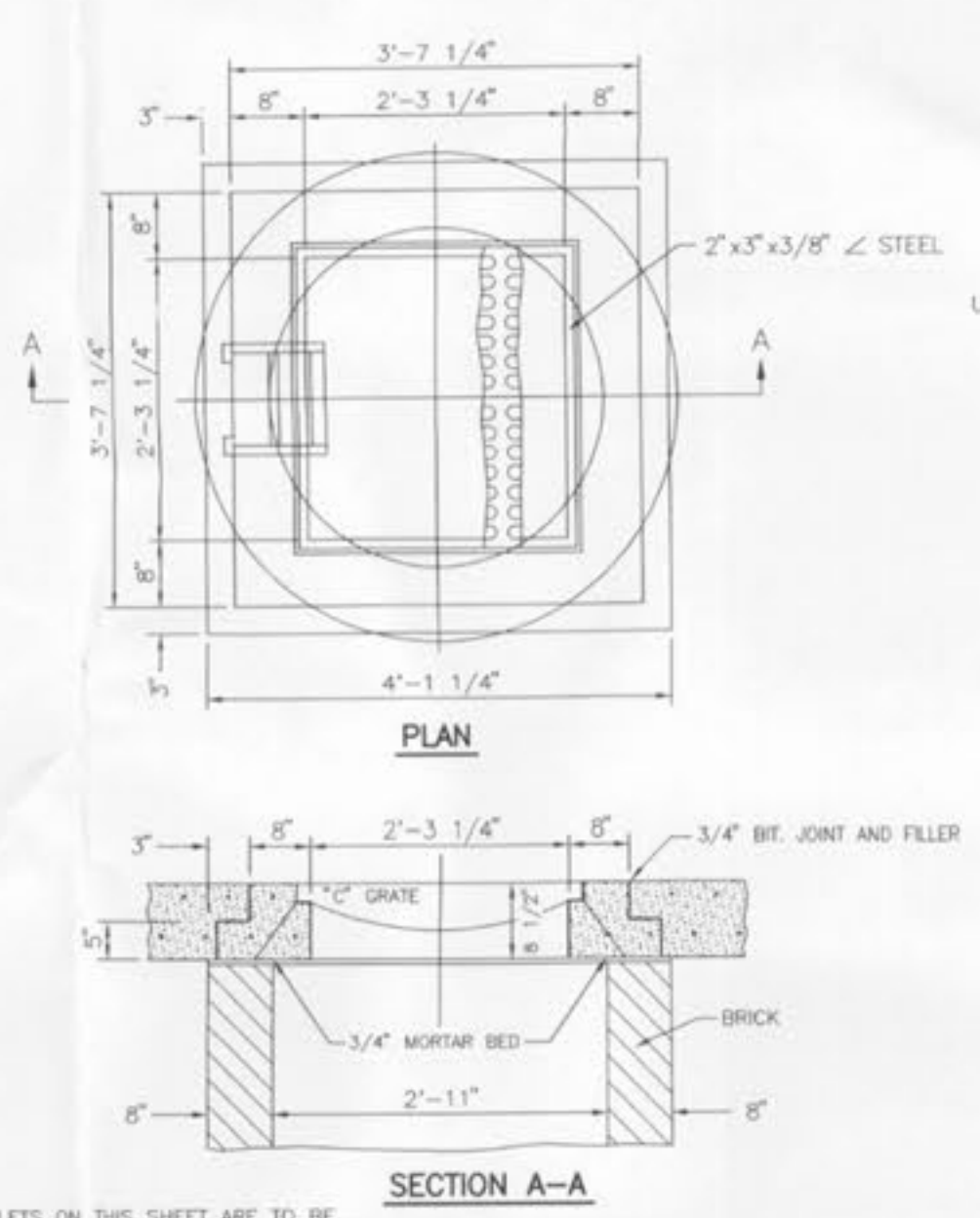
STORM SEWER PROFILE
SCALE: 1" = 10' VERTICAL
1" = 40' HORIZONTAL



**PIPE BEDDING CLASS "C"
(MODIFIED FOR REINFORCED CONCRETE PIPE)**

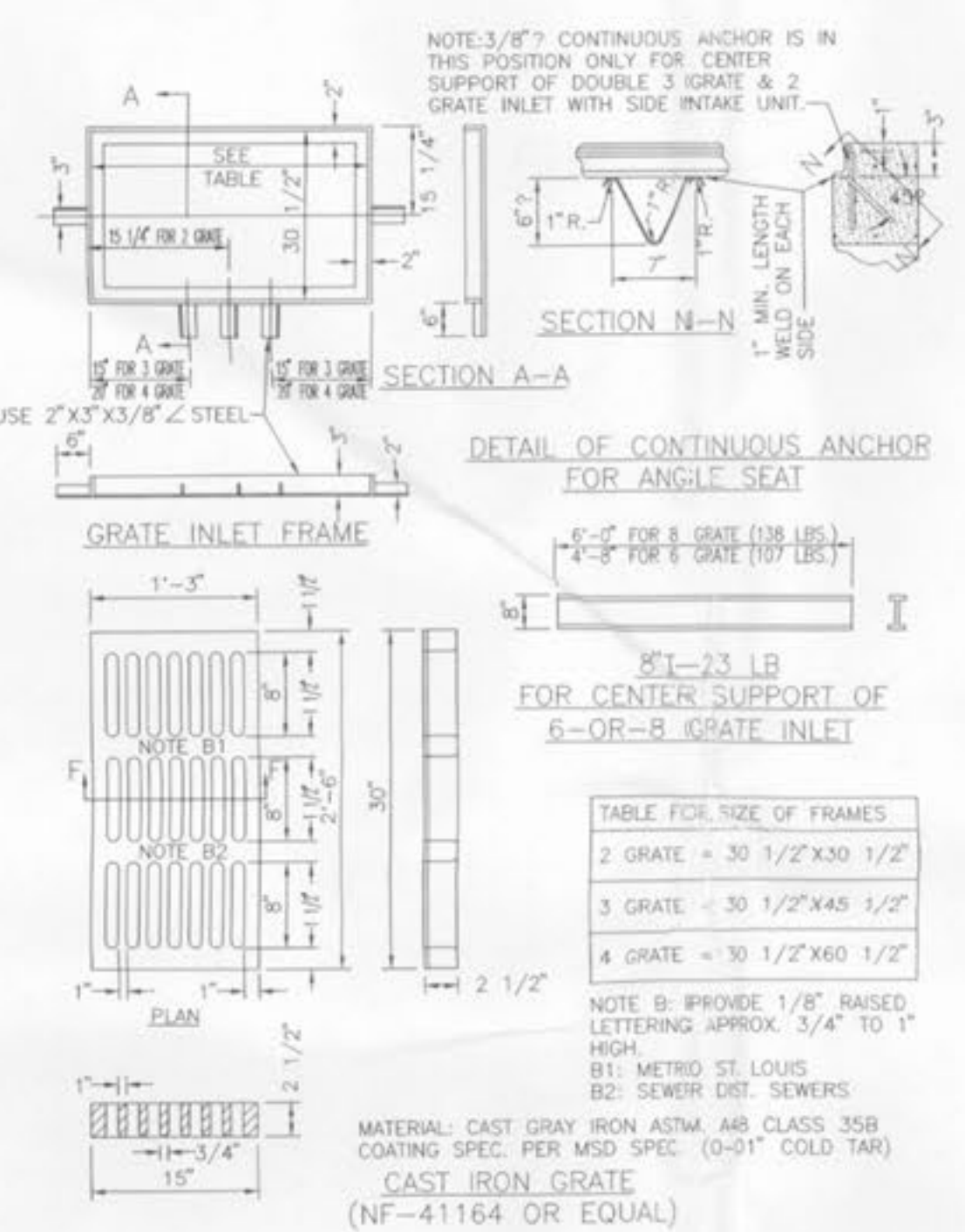
ROUND PIPE				HORIZONTAL ELLIPTICAL PIPE			
Inside Diameter of Pipe (inches)	"W" Payline Width of Trench (inches)	"W" Payline Width of Trench (Feet)	Pay-volumes cu. ft. per ft. of Pipe (Concrete Encasement)	Inside Diameter of Pipe (inches)	"W" Payline Width of Trench (inches)	"W" Payline Width of Trench (Feet)	Pay-volumes cu. ft. per ft. of Pipe (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
21	39	3.25	6.61				
24	42	3.50	7.39	19 X 30	49	4.08	7.68
27	45	3.75	8.18	22 X 34	53	4.42	8.61
30	49	4.08	9.30	24 X 38	58	4.83	9.70
33	53	4.42	10.53	27 X 42	62	5.17	10.71
36	56	4.67	11.43	29 X 45	66	5.50	11.72
39				32 X 49	71	5.92	13.14
42				34 X 53	75	6.25	14.05
48				38 X 60	83	6.92	16.18
54				43 X 68	92	7.67	18.81
60				48 X 76	101	8.42	21.59
66				53 X 83	109	9.08	24.35
72				58 X 91	118	9.83	27.45
78				63 X 98	126	10.50	30.50
84				68 X 106	135	11.25	33.91
90				72 X 113	143	11.92	36.99
96				77 X 121	152	12.67	40.69
102				82 X 128	160	13.33	44.45
108				87 X 136	168	14.00	47.79
114				92 X 143	176	14.67	51.70
120				97 X 151	185	15.42	56.01
126				102 X 158			
132				106 X 166	202	16.83	64.48
144				116 X 180	218	18.17	73.59

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

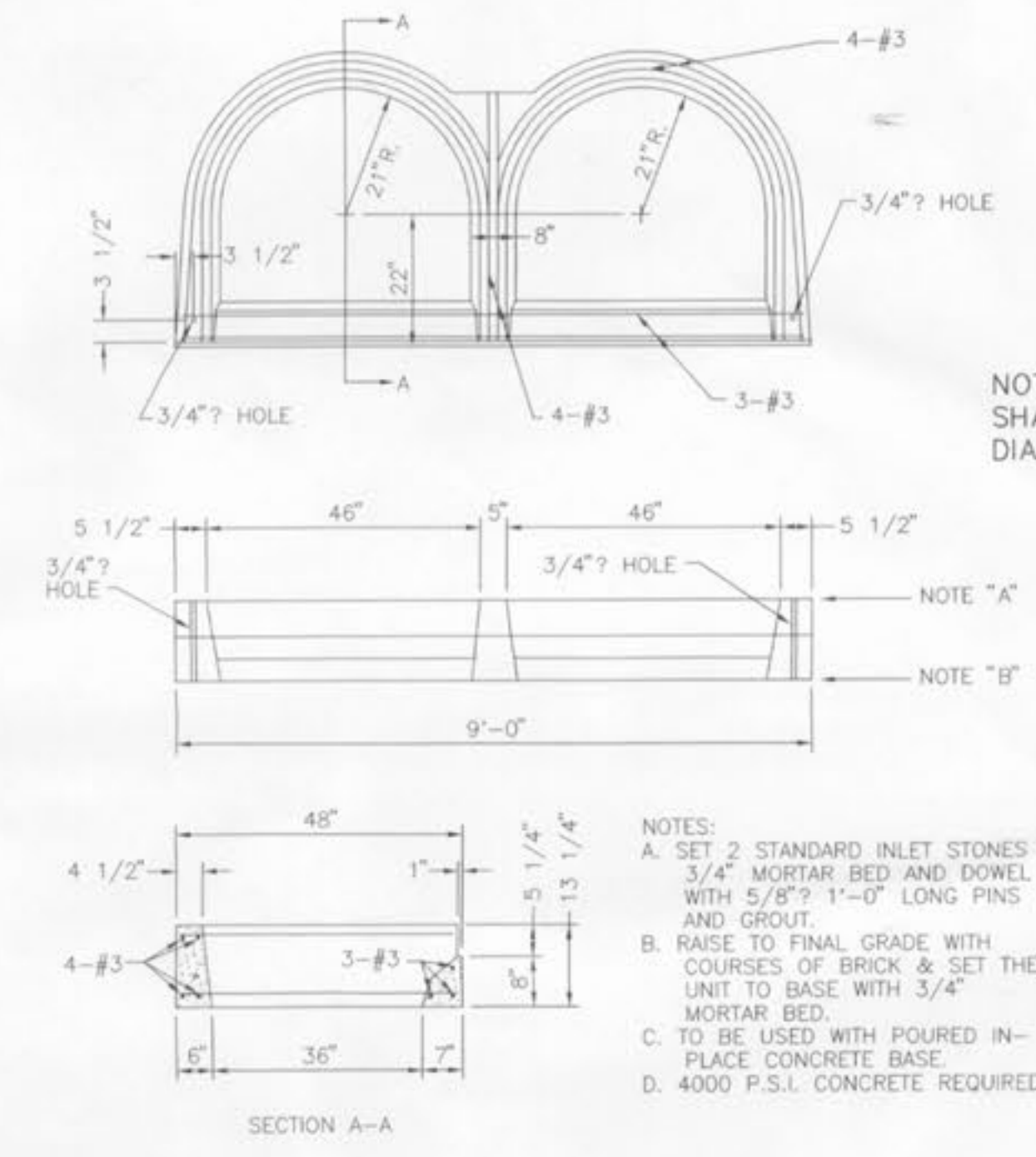


NOTE: INLETS ON THIS SHEET ARE TO BE USED IN LOCATIONS WHERE STANDARD OPEN THROAT INLETS CAN NOT BE USED, IN PAVED TRAFFIC WAY, AND IN LIMITED EASEMENTS.

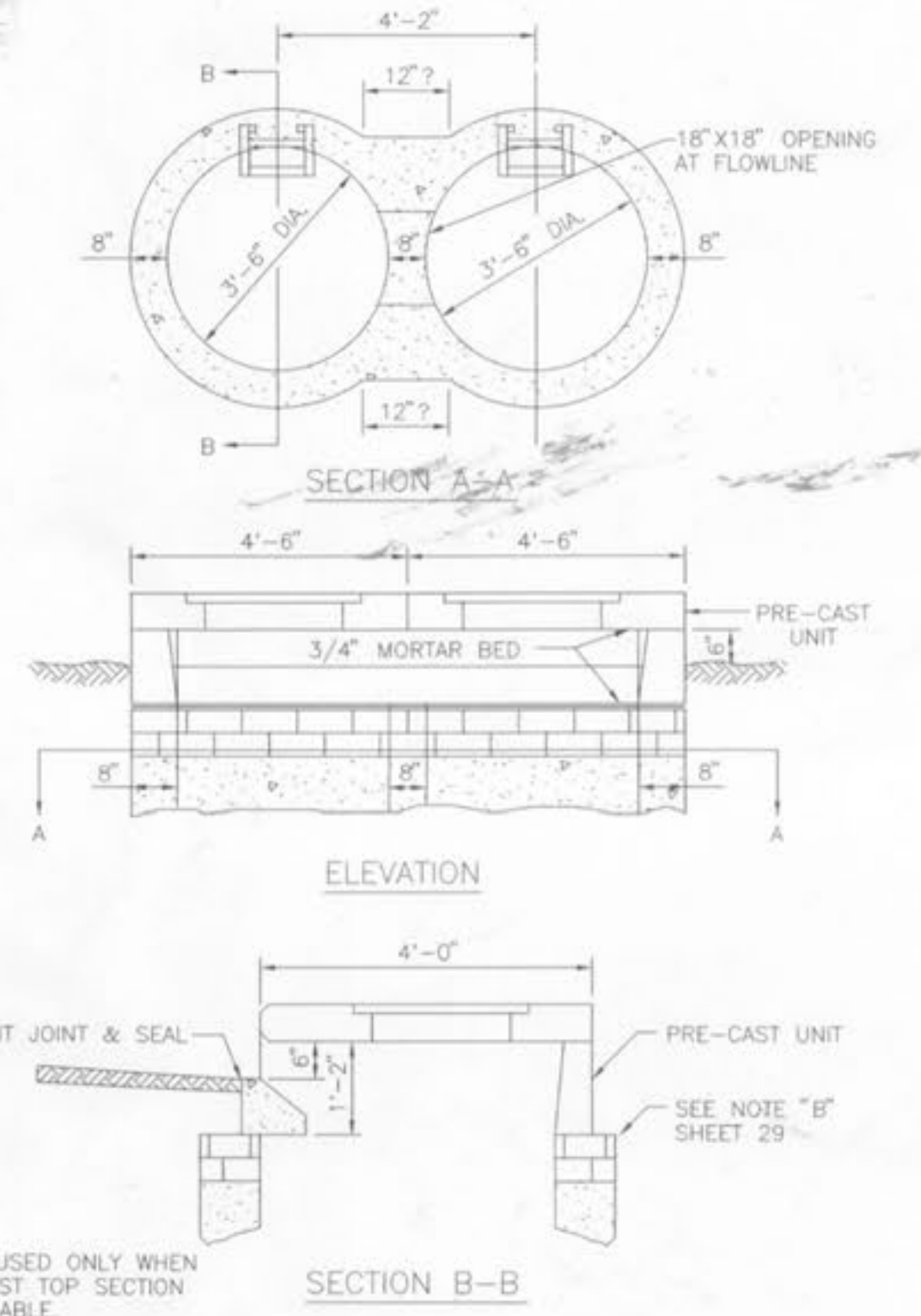
2 GRATE INLET



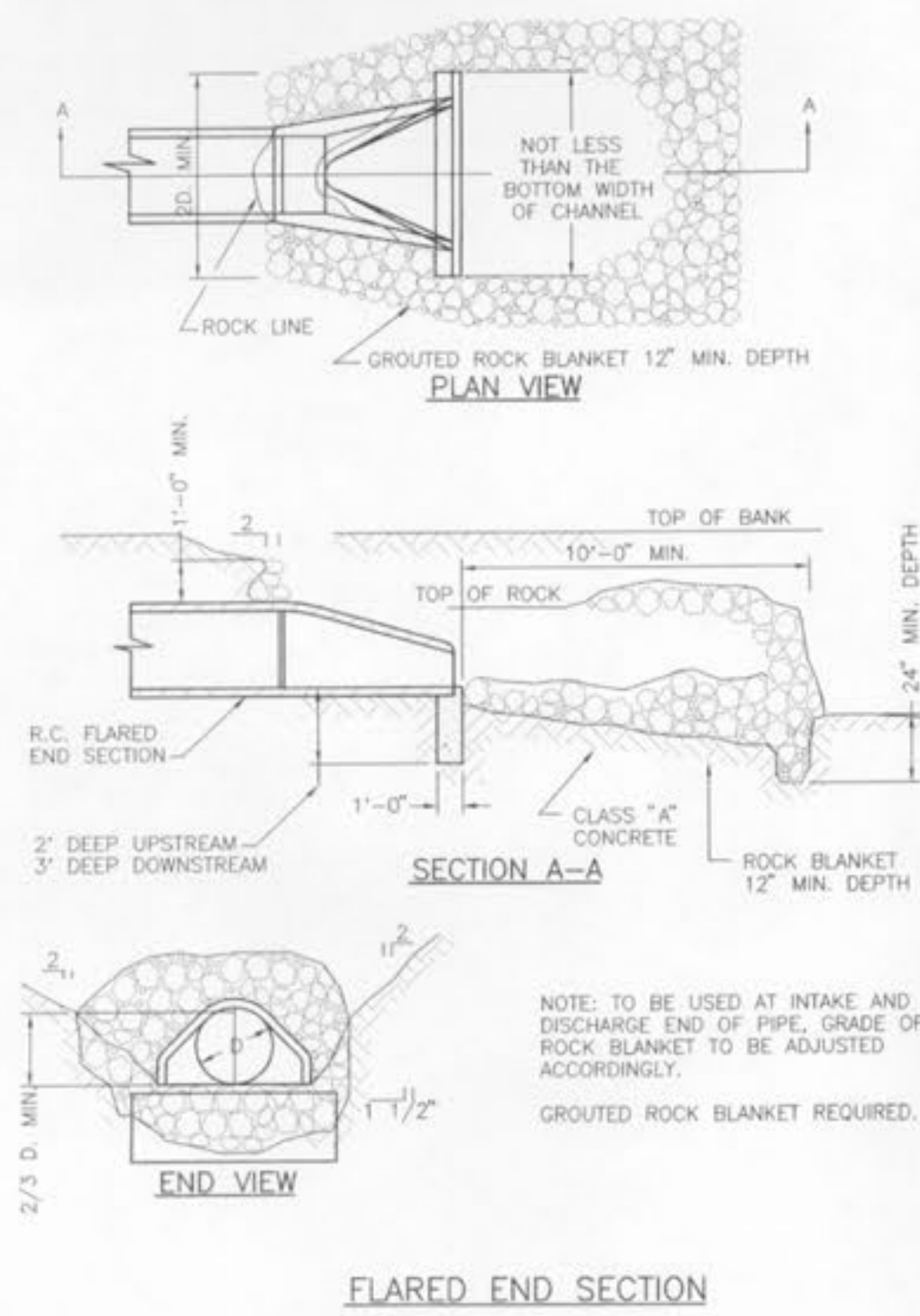
**DETAILS OF INLET
FRAME AND GRATES**



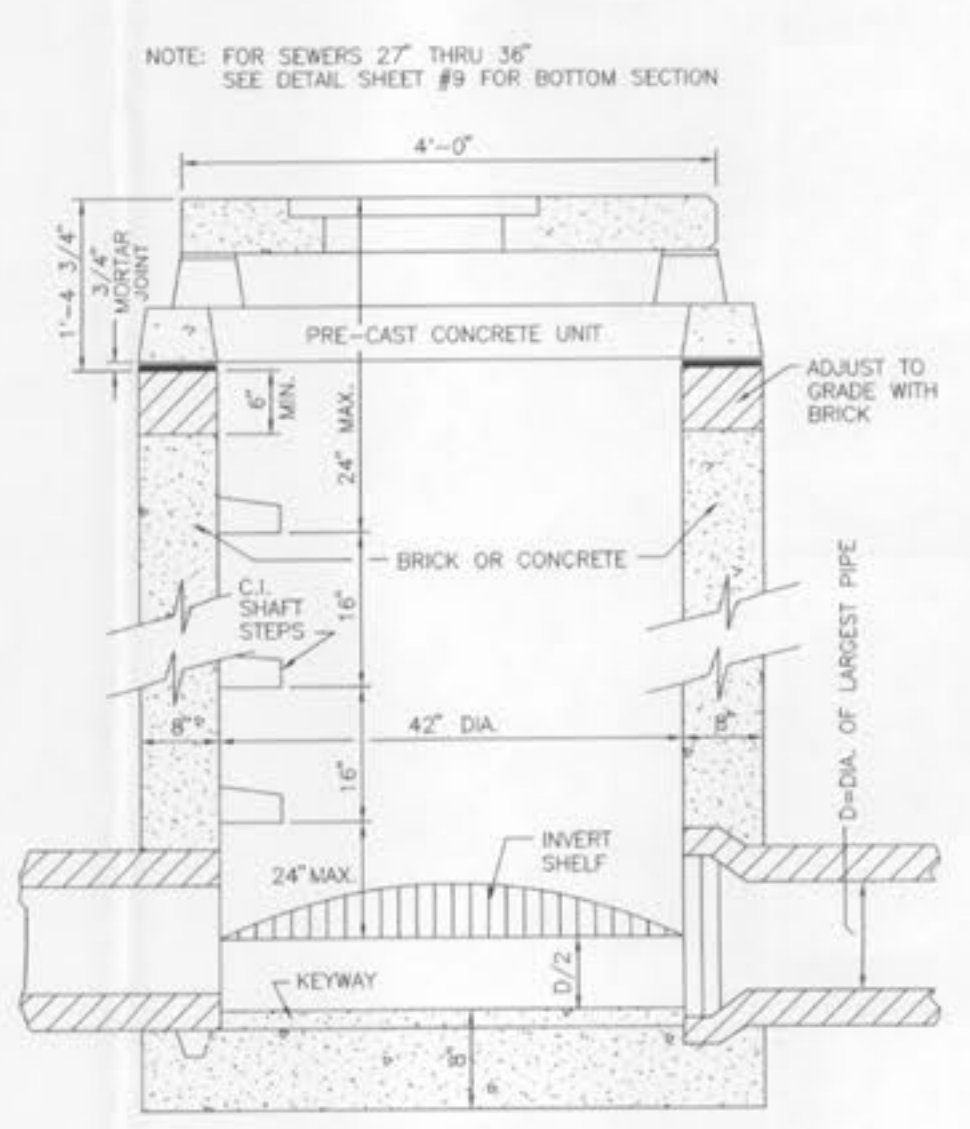
**PRECAST CONCRETE UNIT FOR
DOUBLE CURB INLET
(WITH CONCRETE BASE)**



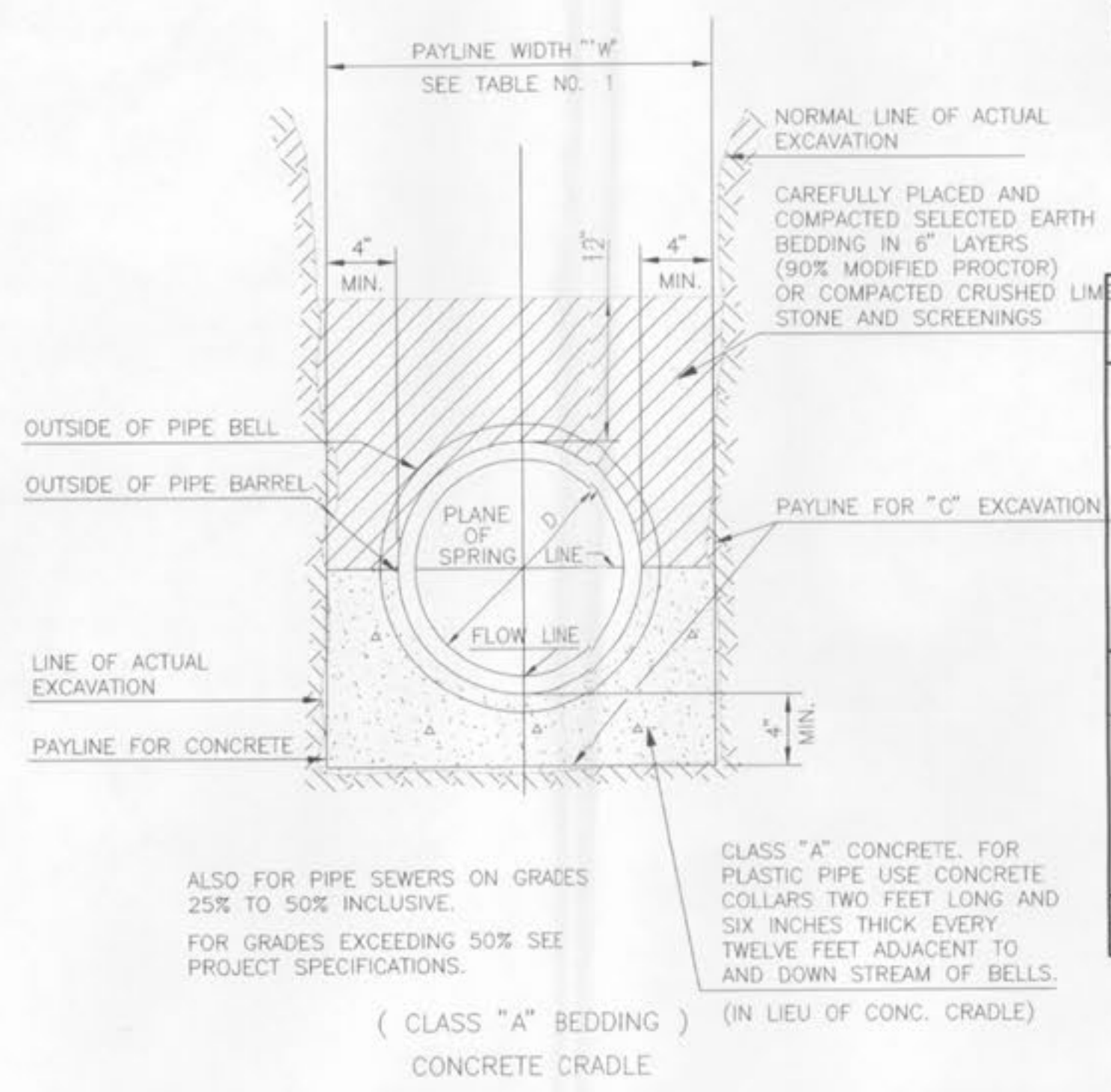
**CONCRETE DOUBLE
STREET INLET
W/PRE-CAST TOP UNIT**



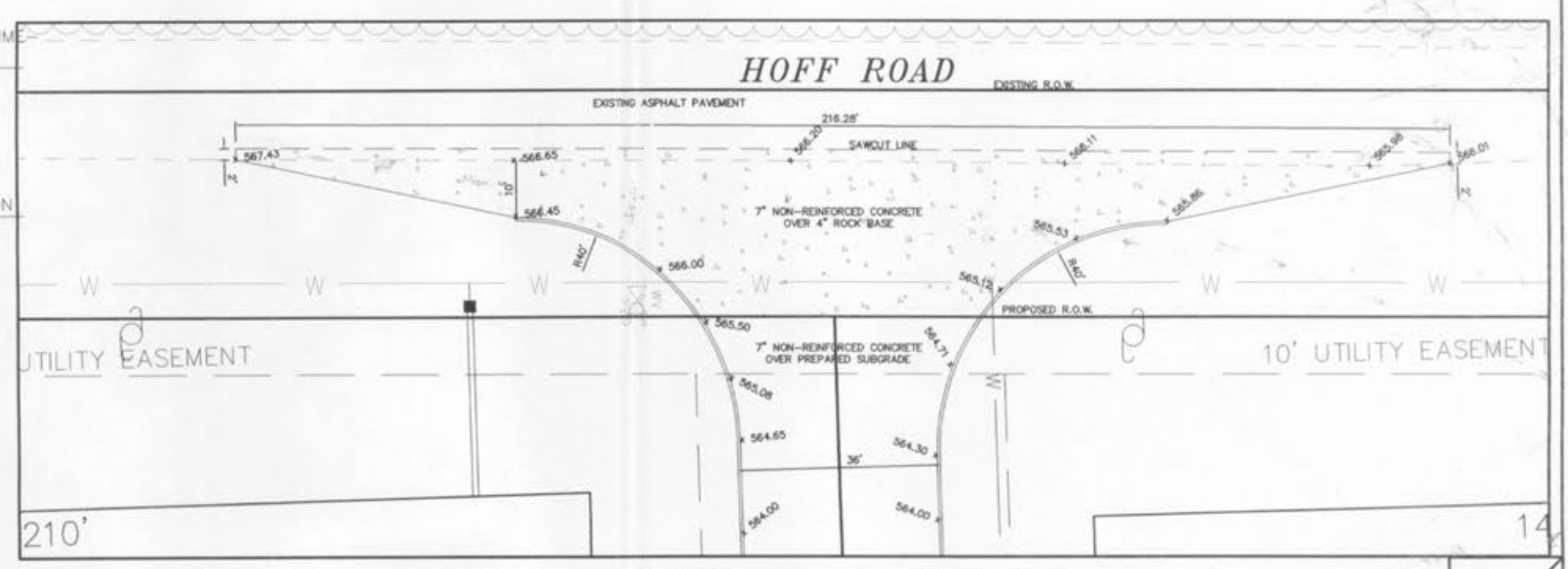
FLARED END SECTION



**AREA INLET
(12" THRU 24")**



ALSO FOR PIPE SEWERS ON GRADES 25% TO 50% INCLUSIVE. FOR GRADES EXCEEDING 50% SEE PROJECT SPECIFICATIONS.
(CLASS "A" BEDDING) (IN LIEU OF CONC. CRADLE)



ENTRANCE DETAIL
SCALE: 1" = 20'
NOTE: ALL SPOTS TO TOP OF PAVEMENT

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