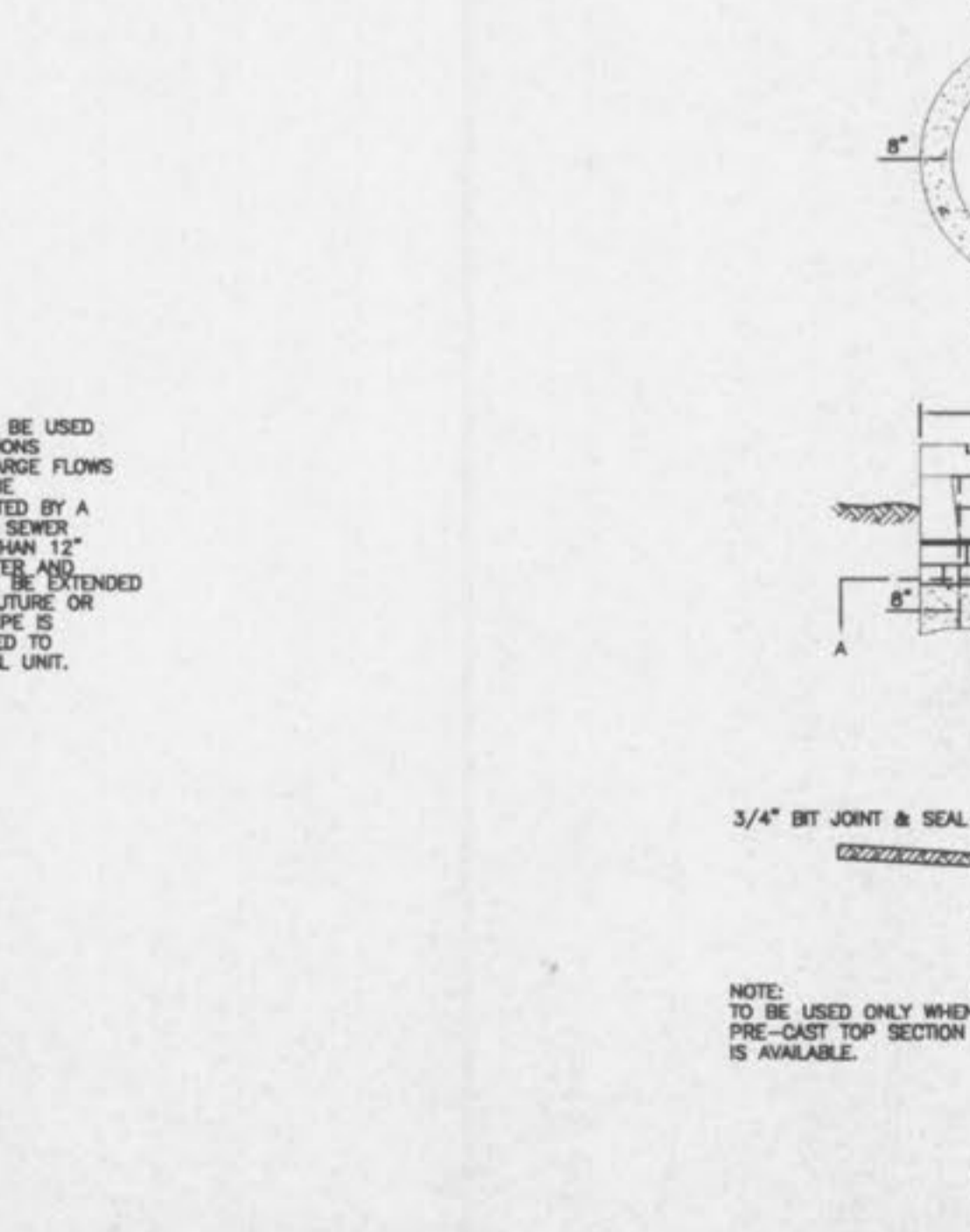
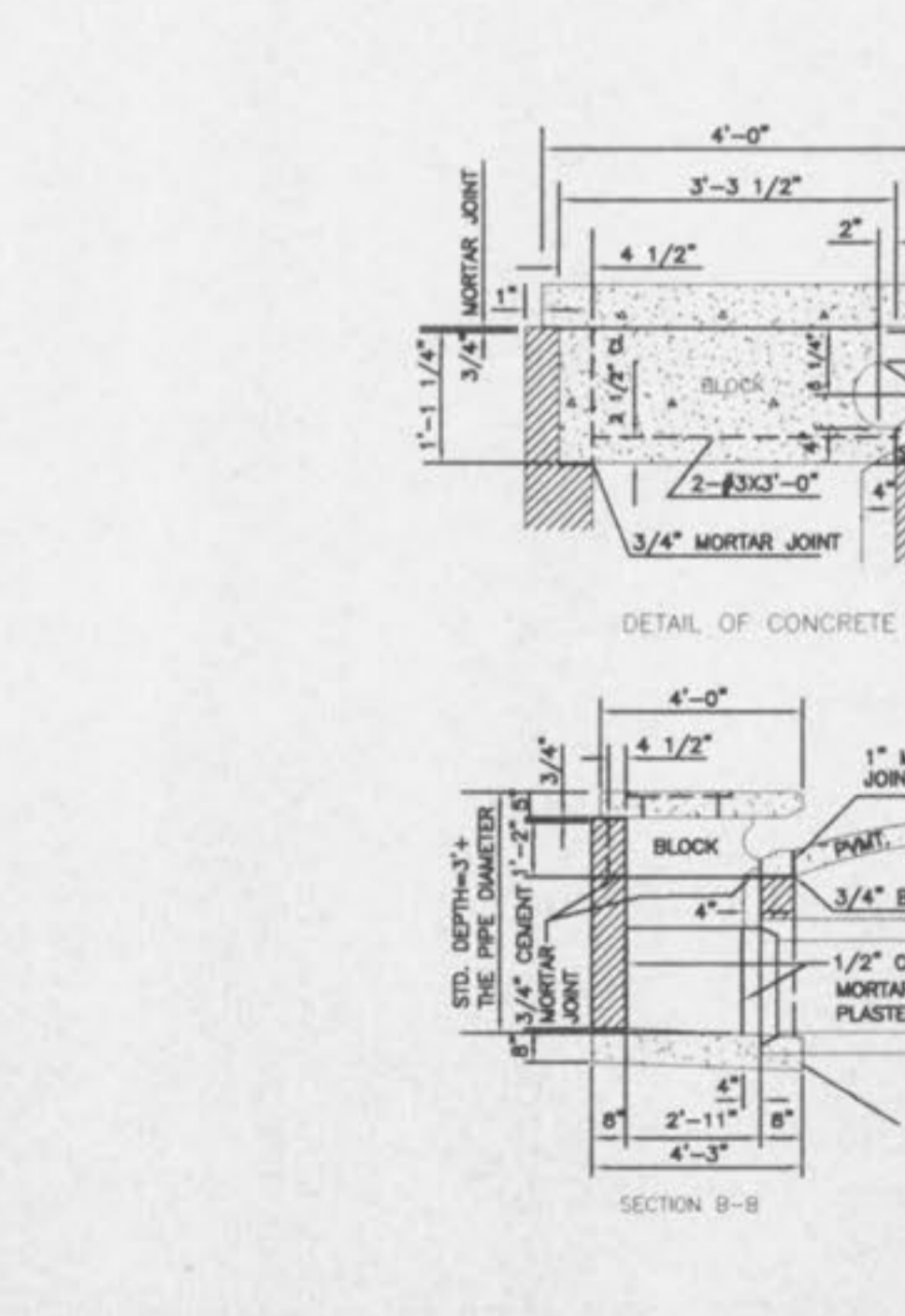
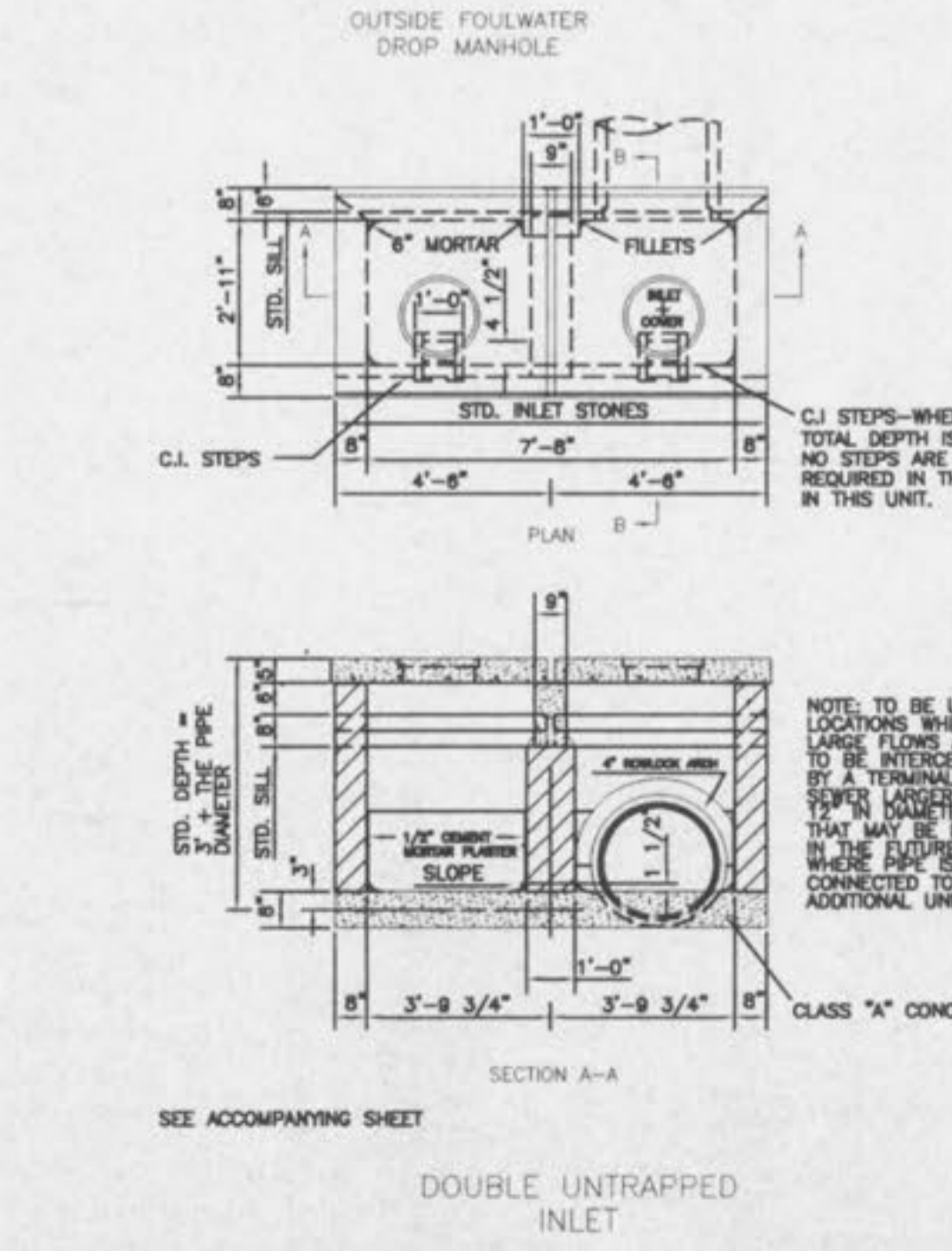
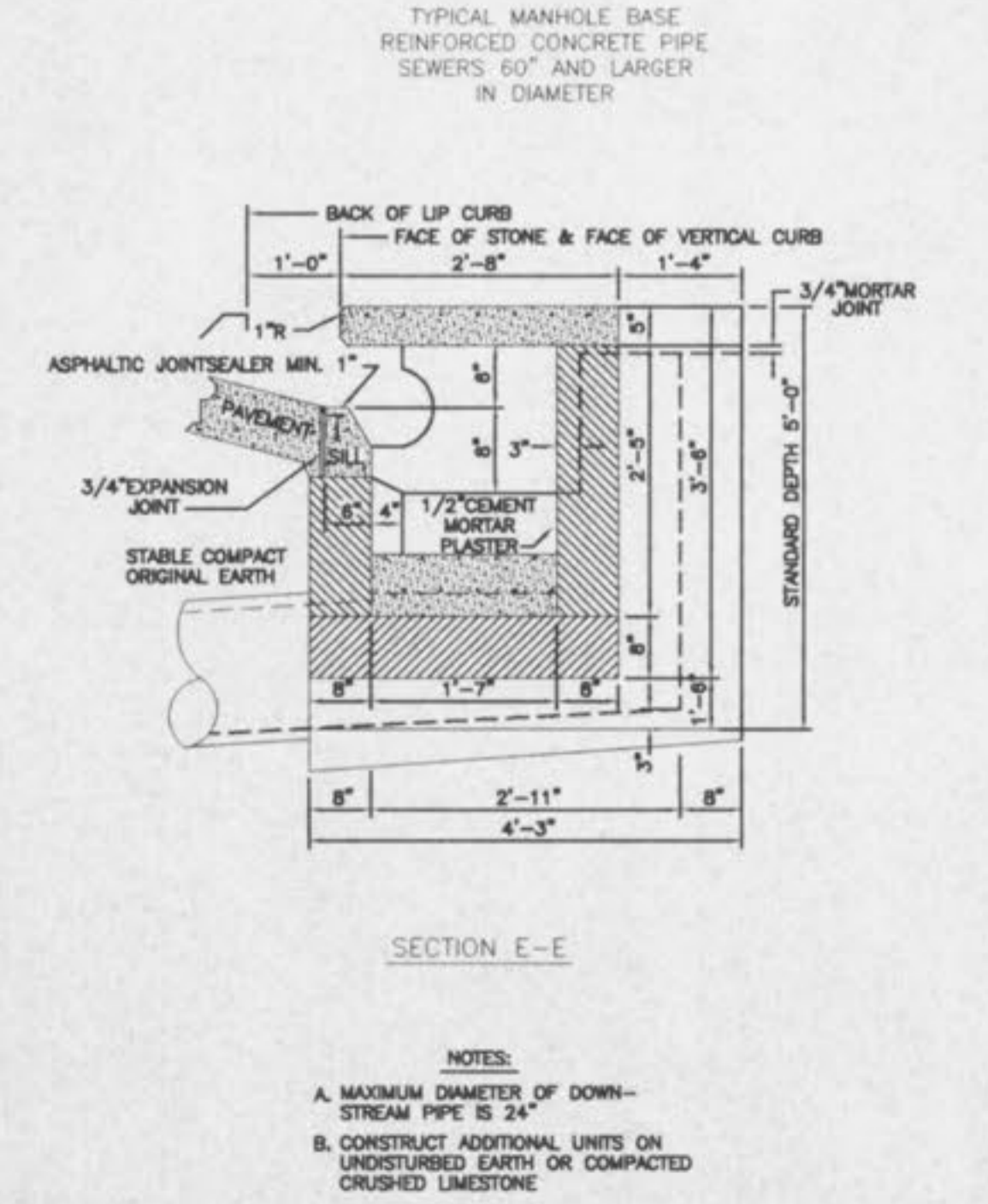
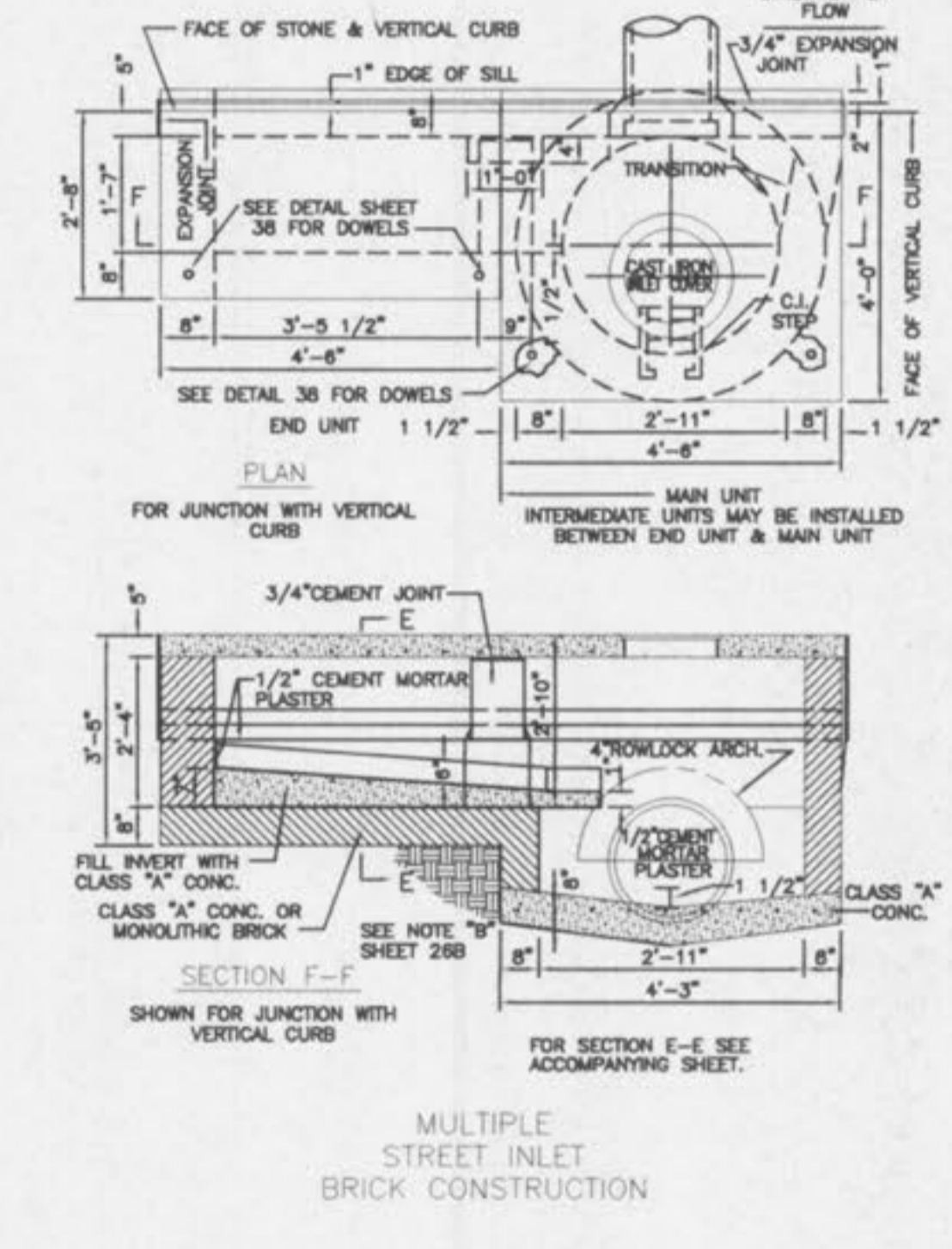
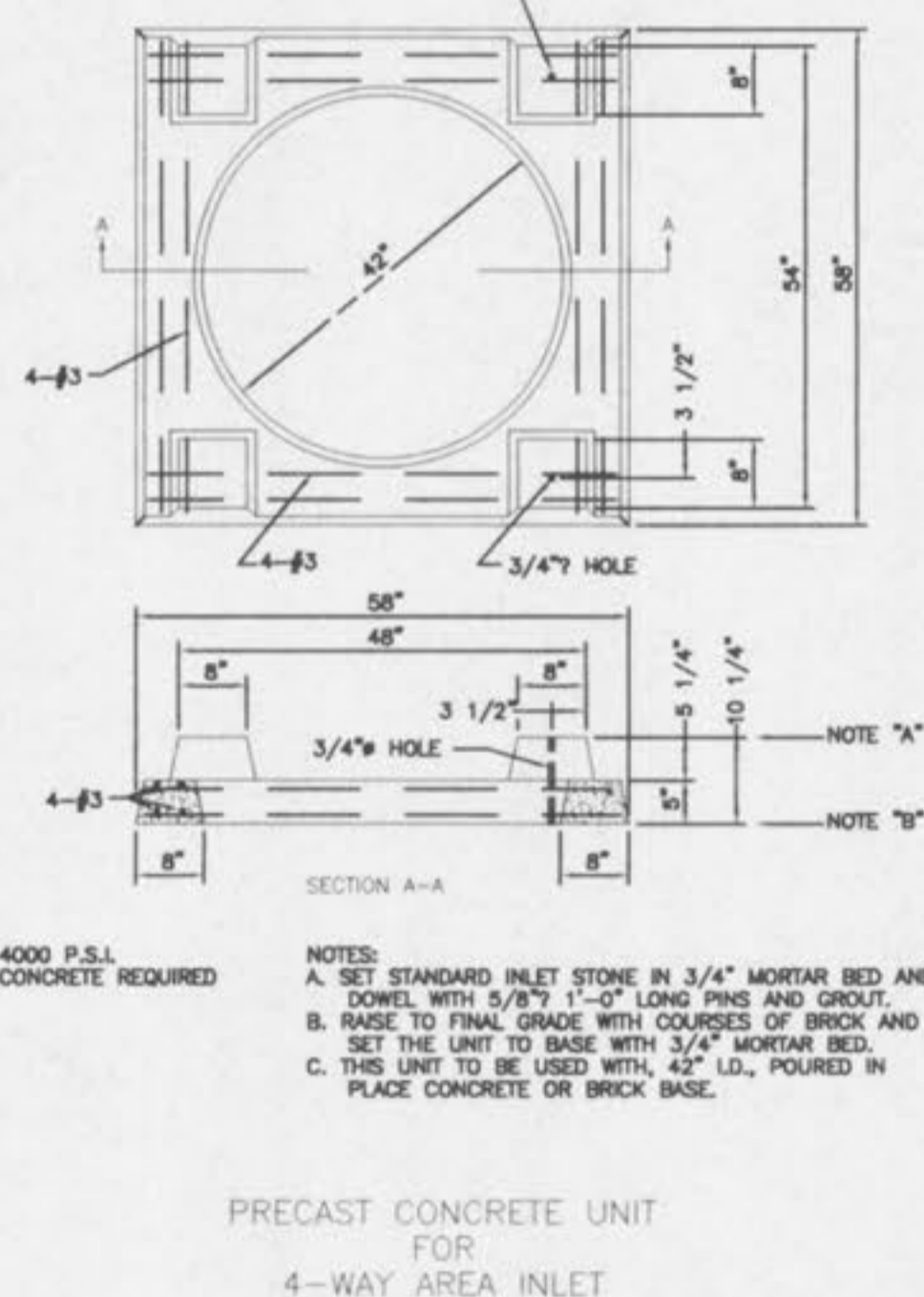
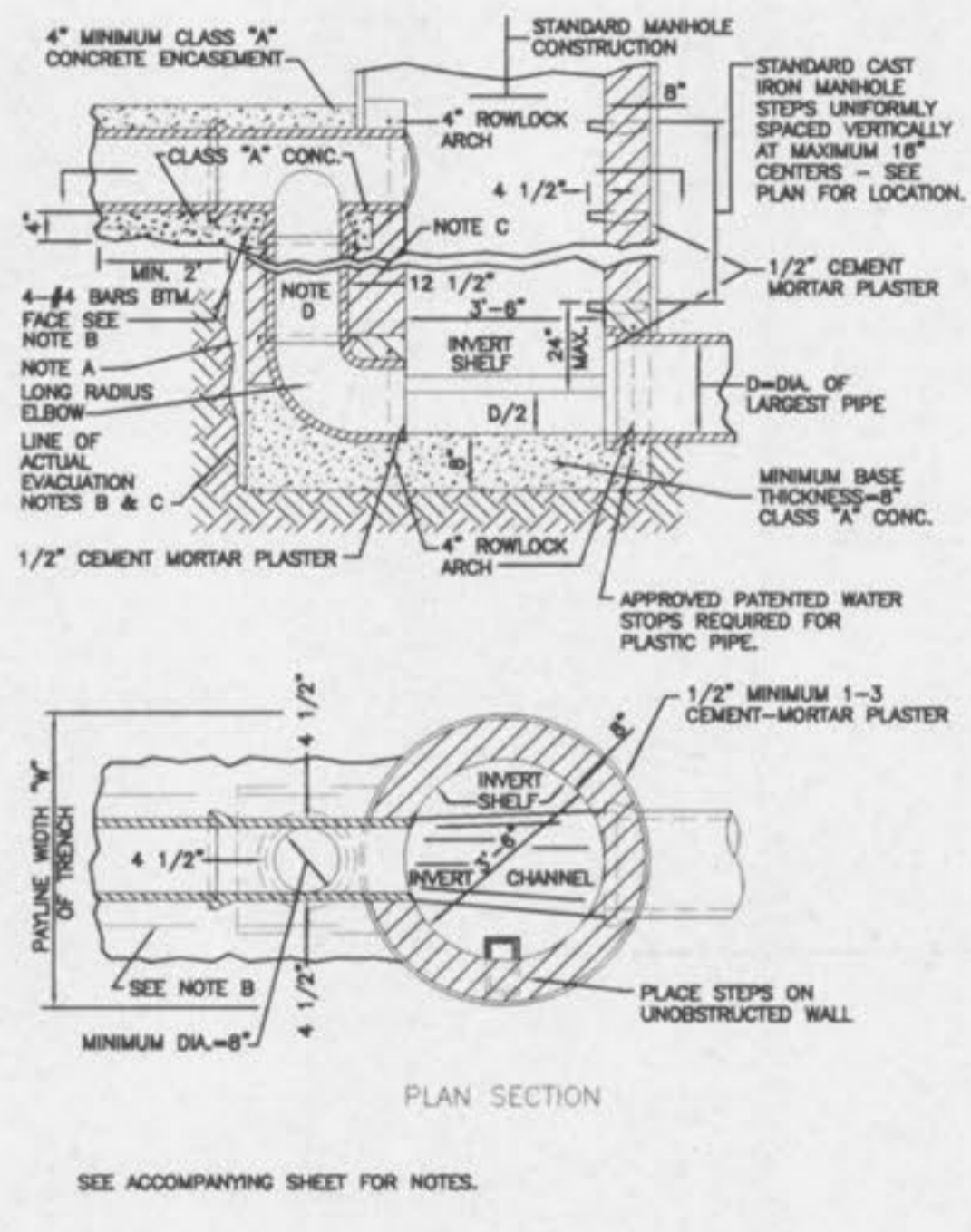
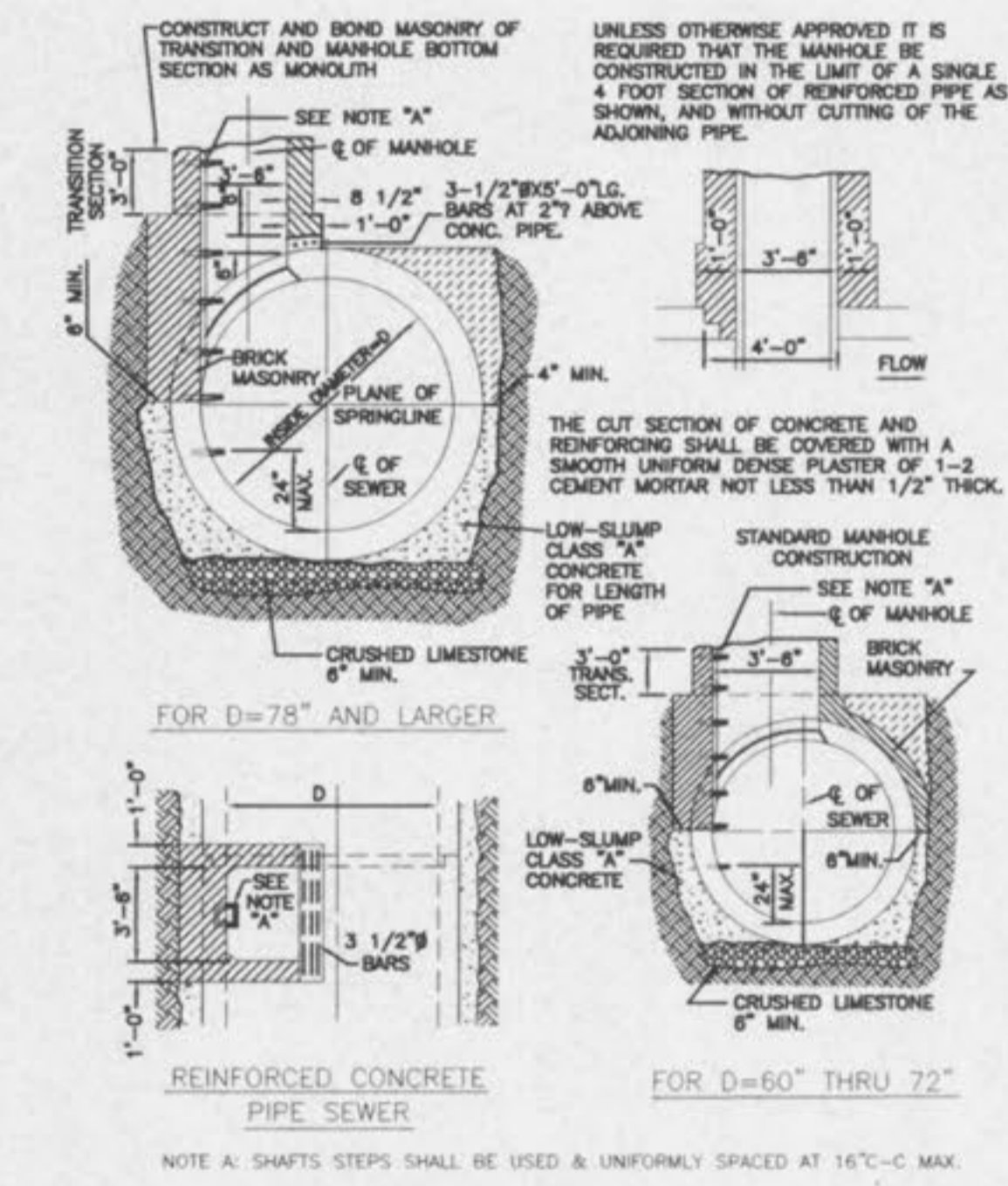
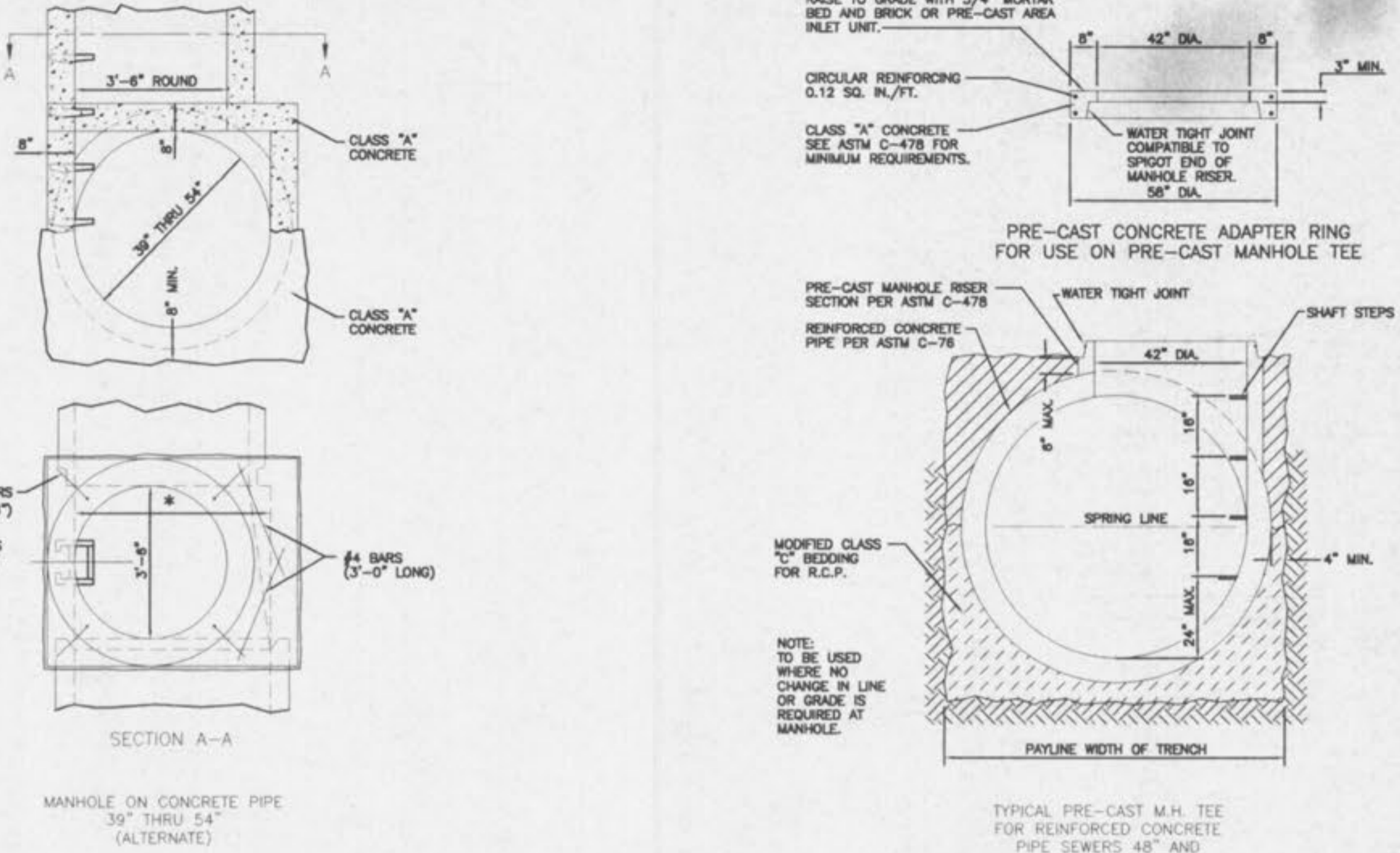
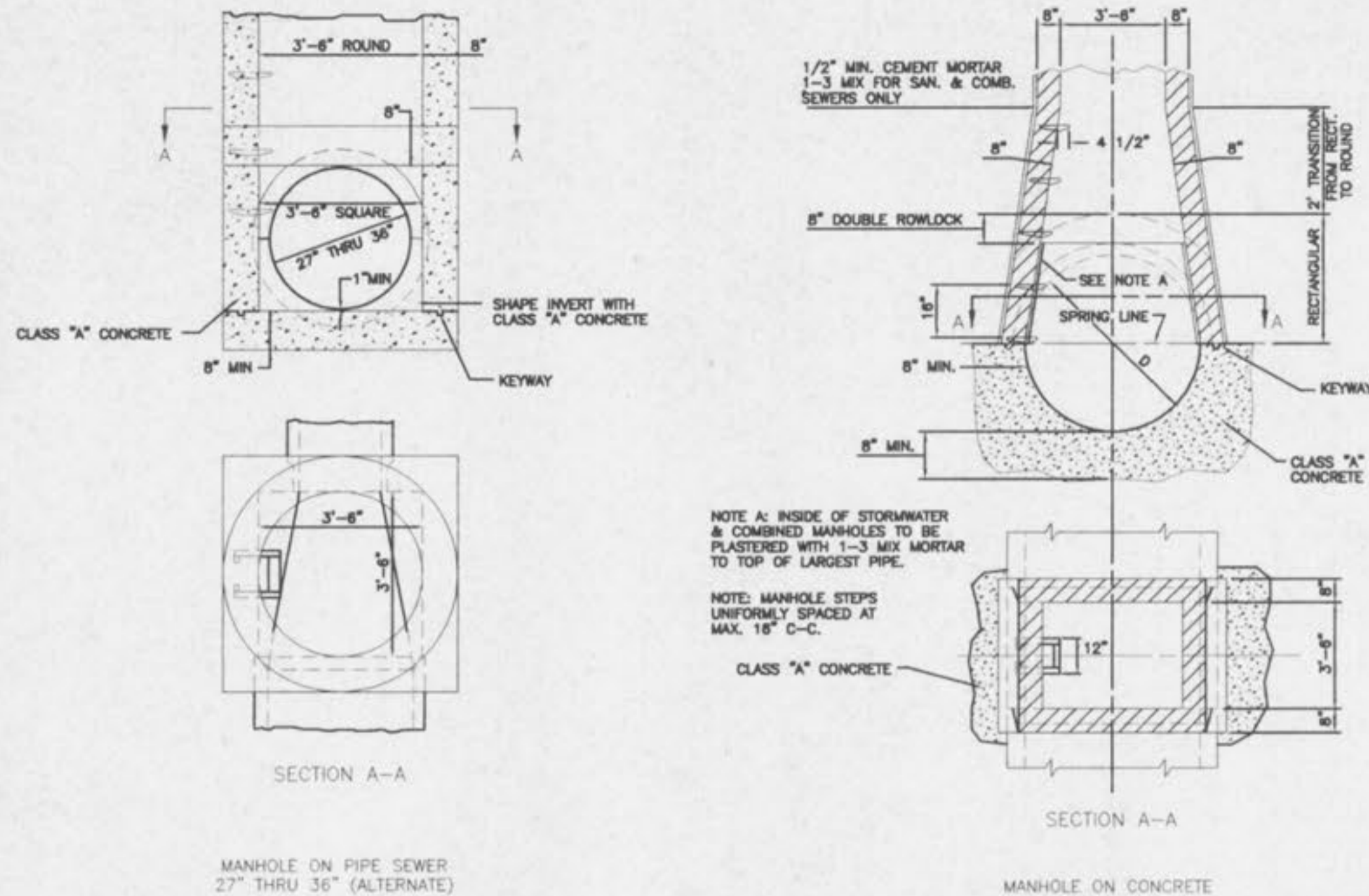


ROUND PIPE				HORIZONTAL ELLIPTICAL PIPE			
Inside Diameter of Pipe (Inches)	Payline Width of Trench (Inches)	Payline Width of Trench (Feet)	Pay-volume as ft. per ft. of Concrete Encasement	Inside Diameter of Pipe (Inches)	Payline Width of Trench (Inches)	Payline Width of Trench (Feet)	Pay-volume as ft. per ft. of Concrete Encasement
4	28	2.33	3.20				
6	28	2.33	3.46				
8	28	2.33	3.70				
10	28	2.33	3.98				
12	28	2.33	3.98				
15	32	2.67	4.89				
18	35	2.92	5.83	14 X 23	41	3.42	5.94
21	39	3.25	6.81				
24	42	3.50	7.36	19 X 30	49	4.08	7.68
27	45	3.75	8.18	22 X 34	53	4.42	8.61
30	48	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	58	4.87	11.43	29 X 45	68	5.50	11.72
39	DISCONTINUED			32 X 49	71	5.92	13.14
42	63	5.25	13.38	34 X 53	75	6.25	14.05
48	70	5.83	15.67	36 X 60	83	6.92	16.18
54	77	6.42	18.15	43 X 68	92	7.67	18.81
60	84	7.00	20.73	48 X 76	101	8.42	21.59
66	91	7.58	23.45	53 X 83	109	9.08	24.35
72	98	8.17	26.37	58 X 91	118	9.83	27.45
78	105	8.75	29.39	63 X 98	126	10.50	30.50
84	112	9.33	32.57	68 X 106	135	11.25	33.91
90	119	9.92	35.90	72 X 113	143	11.92	36.99
96	126	10.50	39.37	77 X 121	152	12.67	40.89
102	133	11.08	42.99	82 X 128	160	13.33	44.45
108	140	11.67	46.75	87 X 136	168	14.00	47.79
114	147	12.25	50.66	92 X 143	176	14.67	51.70
120	154	12.83	54.72	97 X 151	185	15.42	56.01
126	161	13.42	58.92				
132	168	14.00	63.27	106 X 166	202	16.83	64.48
144	182	15.17	72.40	116 X 180	218	18.17	73.59

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



**PICKETT RAY & SILVER**  
CIVIL ENGINEERS  
PLANNERS  
LAND SURVEYORS  
393 Mid Rivers Mall Drive  
St. Charles, MO 63376  
Phone: (636) 397-1211  
Fax: (636) 397-1104

**HAMPTON WOODS**  
CONSTRUCTION DETAILS  
Prepared For:  
SUMMIT POINTE L.C.  
239 FOX HILL ROAD  
ST. CHARLES, MO 63301  
636-940-9300

REV.	DATE	DESCRIPTION
1	07-31-02	REV. PER CITY OF FALLON
2	08-16-02	REV. PER CITY OF FALLON
3	08-28-02	REV. PER CITY OF FALLON

ENGINEERS AUTHENTICATION  
The responsibility for professional engineering liability on this project is hereby limited to the seal of plans authenticated by the seal, signature, and date hereunder attached. Responsibility is disclaimed for all other engineering plans involved in this project and specifically excludes revisions after this date unless reauthenticated.  
PICKETT, RAY & SILVER, INC.  
STATE OF MISSOURI  
HAROLD J. BARTON  
REGISTERED PROFESSIONAL ENGINEER  
E-17751

DRAWN	DATE
ABK	MAY, 2002
CHECKED	DATE
D.W.D.	MAY, 2002
PROJECT # 95067.SUPO.00R	TASK # 4
FIELD BOOK	806