

SANITARY SEWER

EMBEDMENT DETAILS FOR SANITARY SEWER

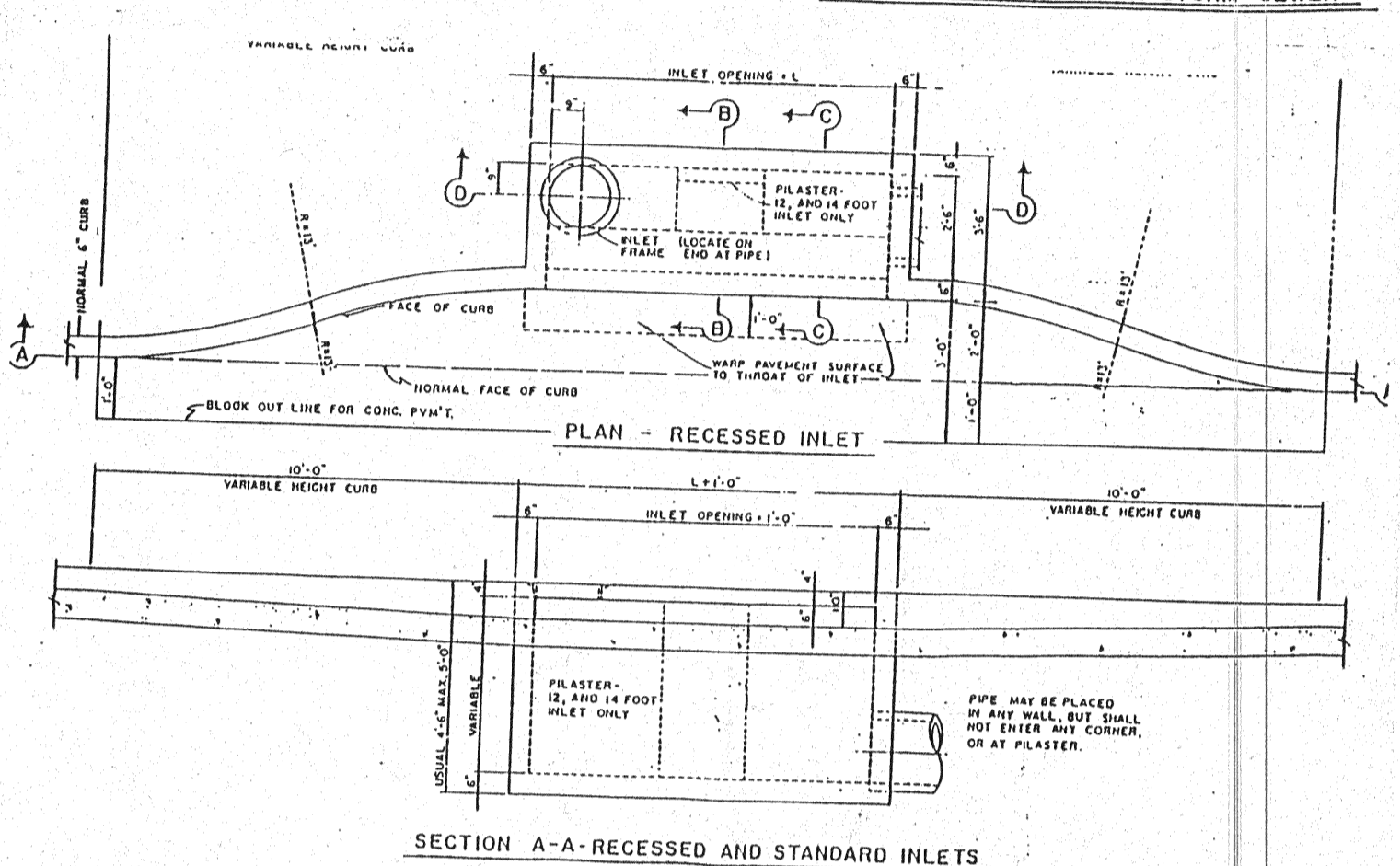
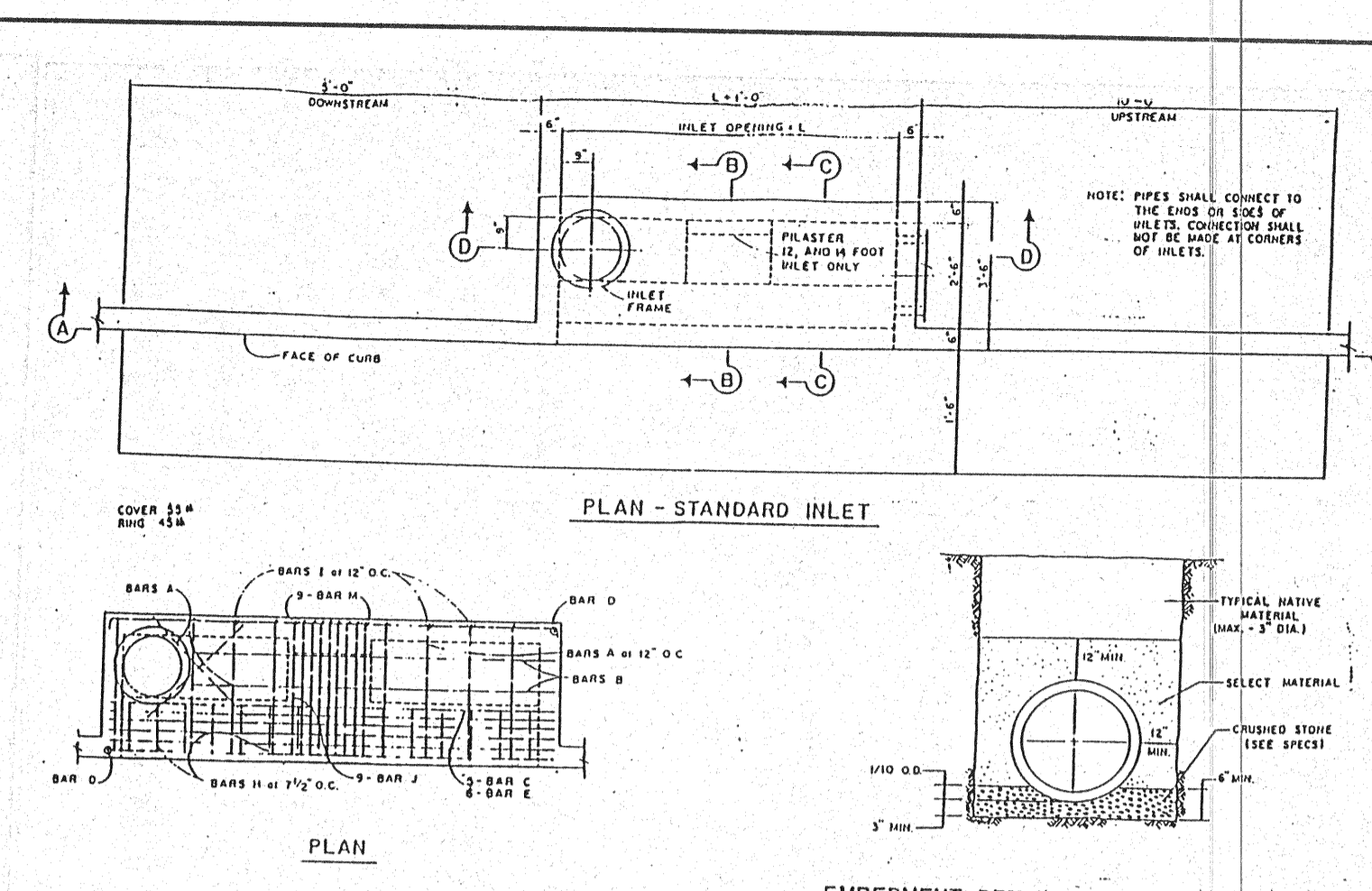
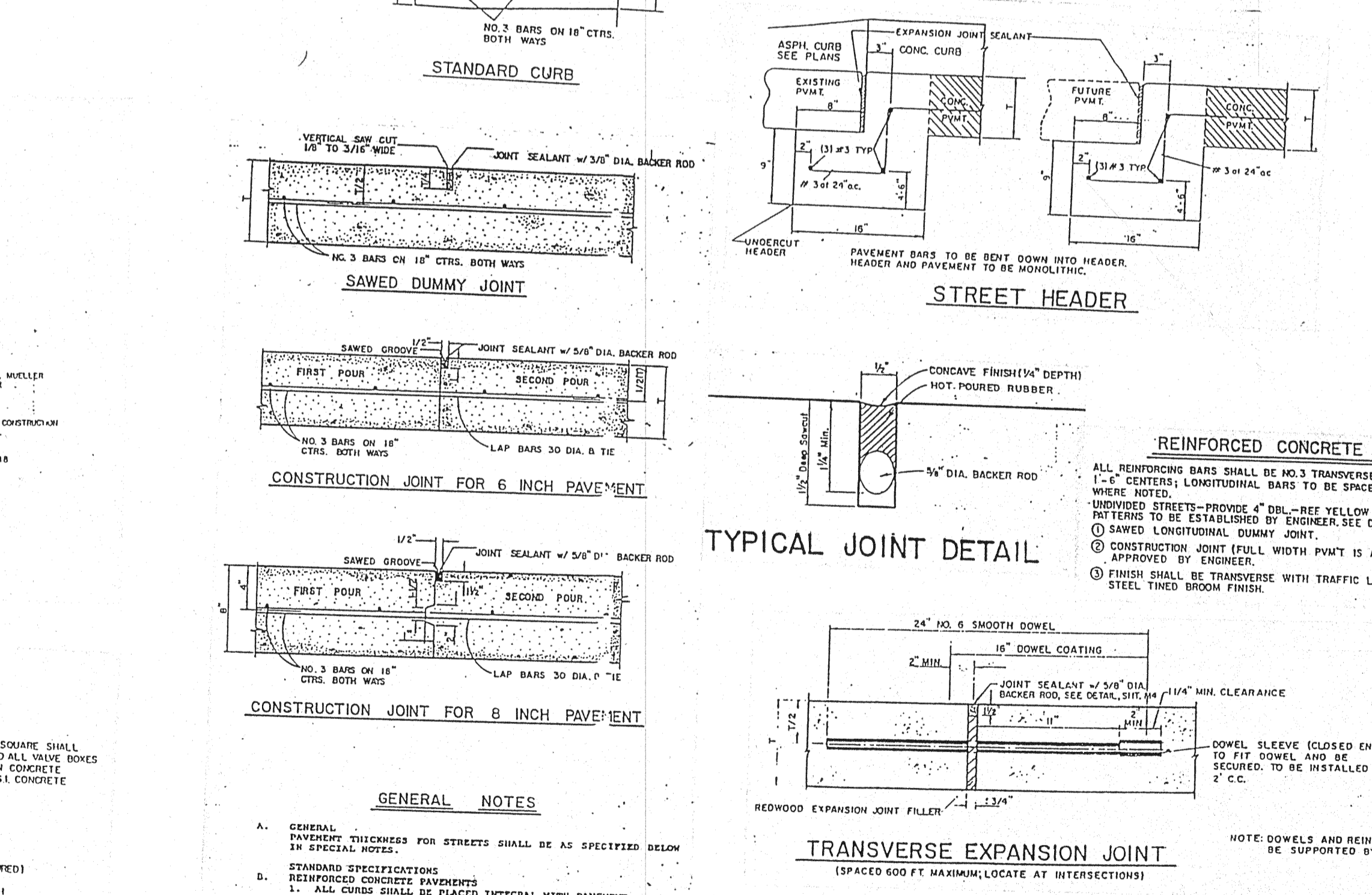
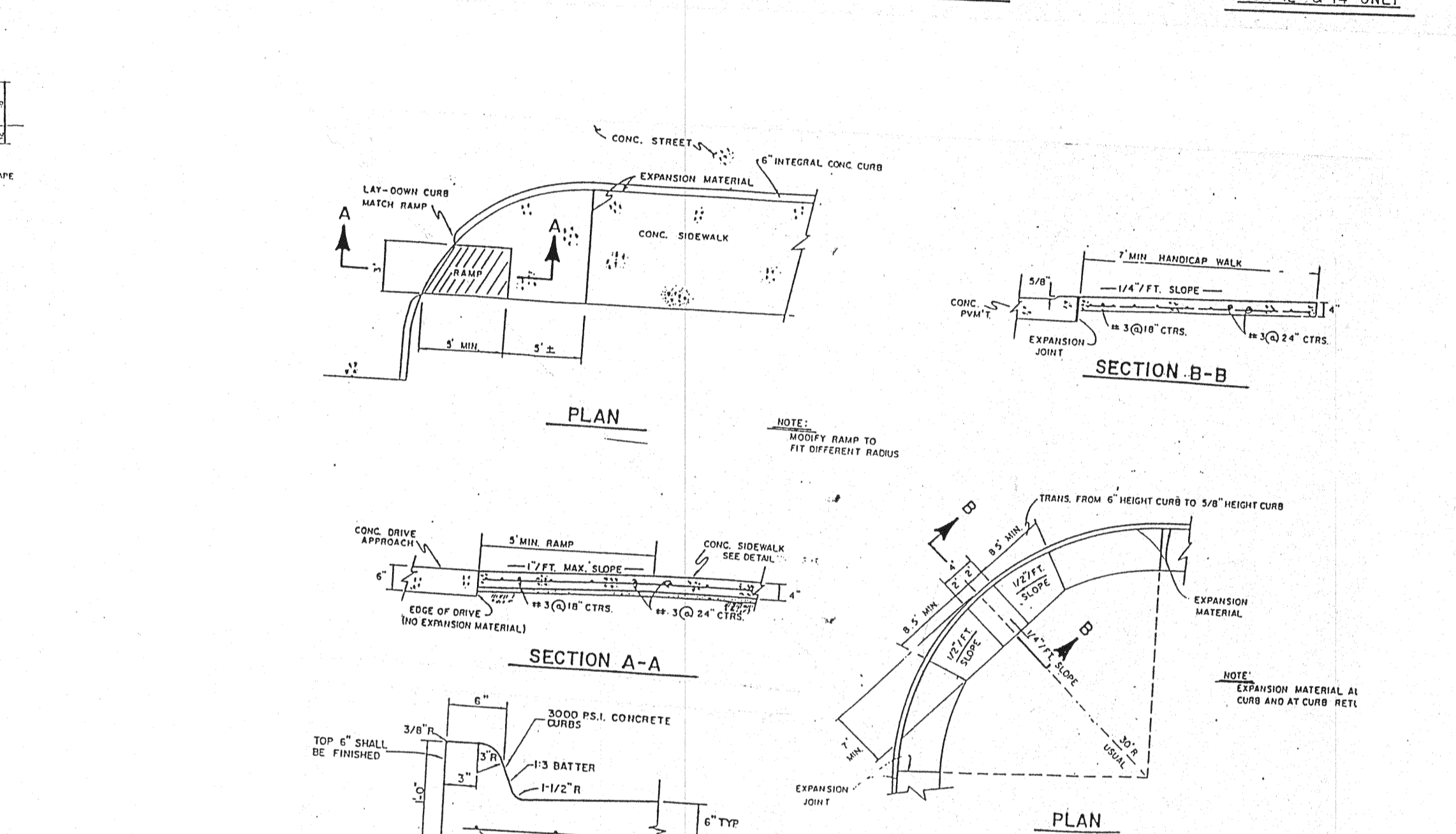
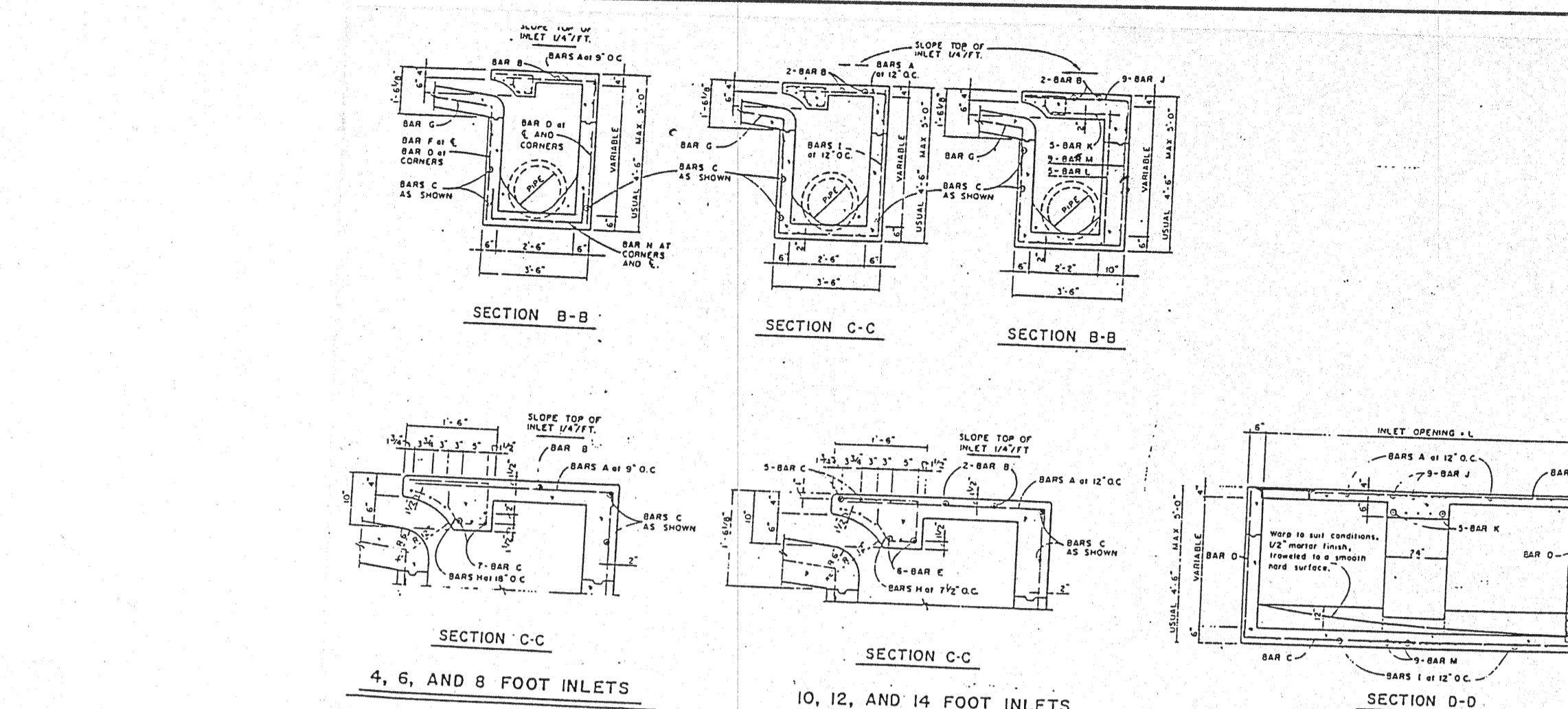
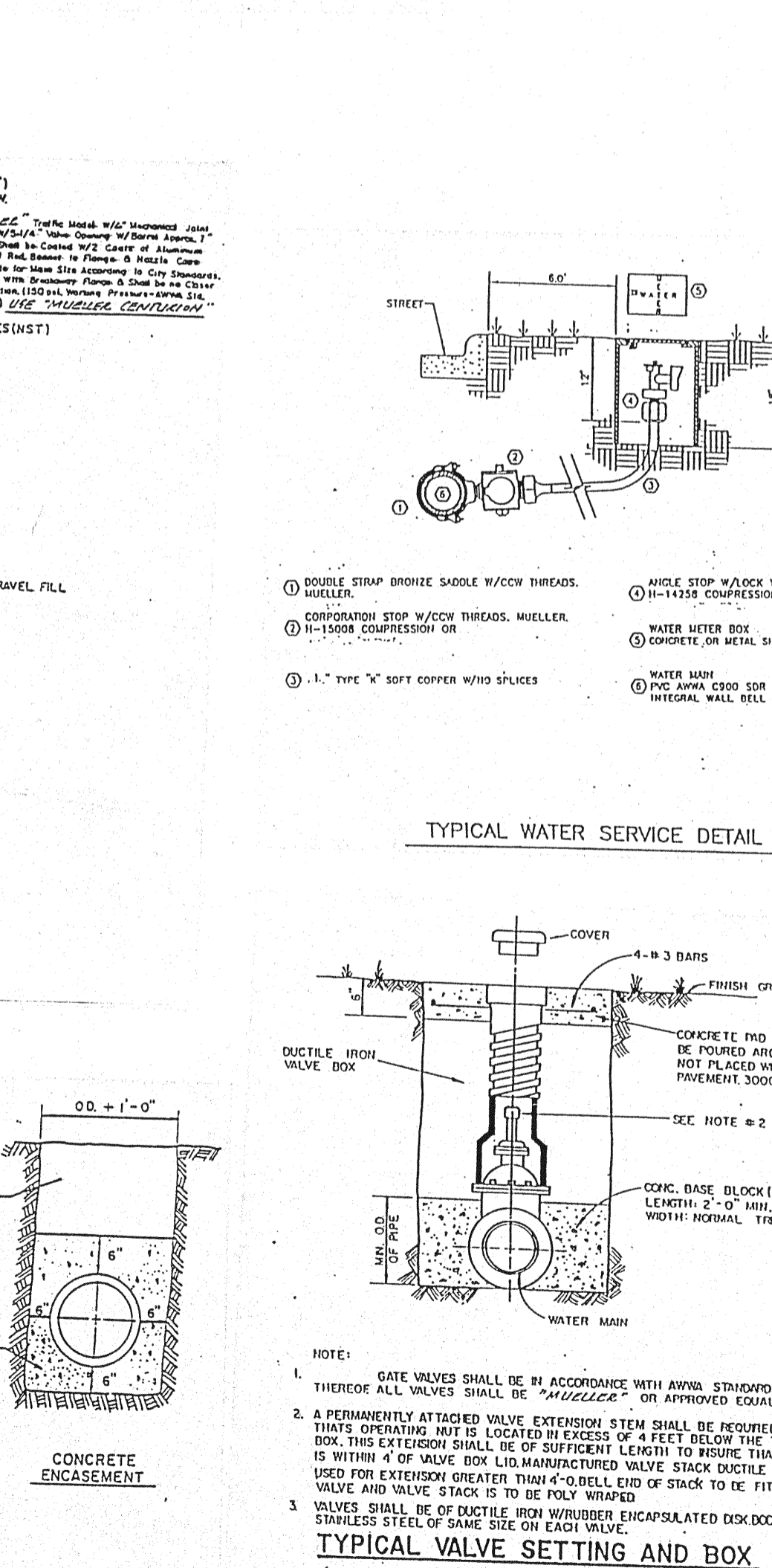
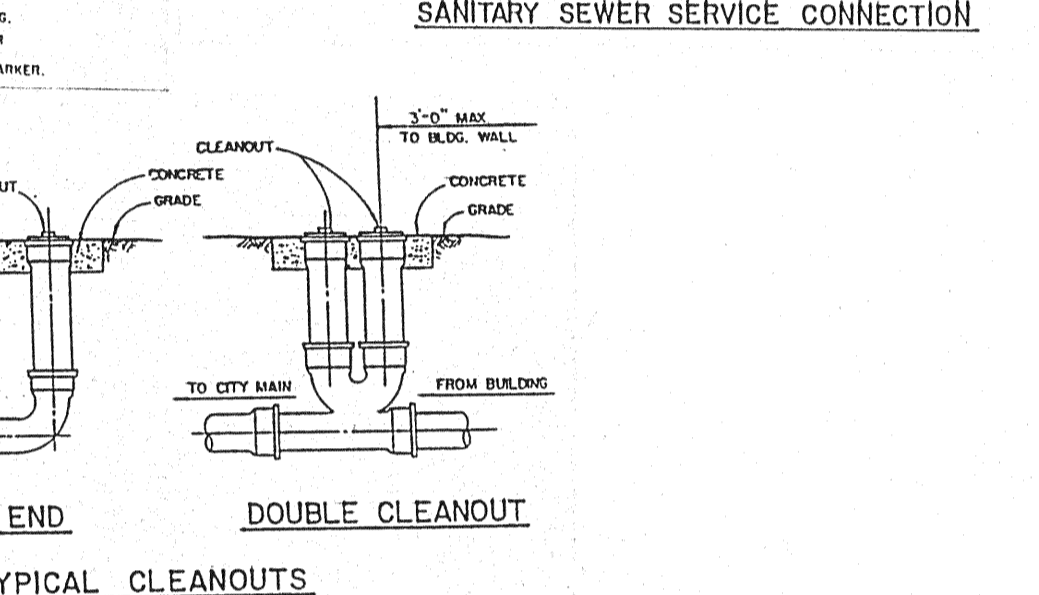
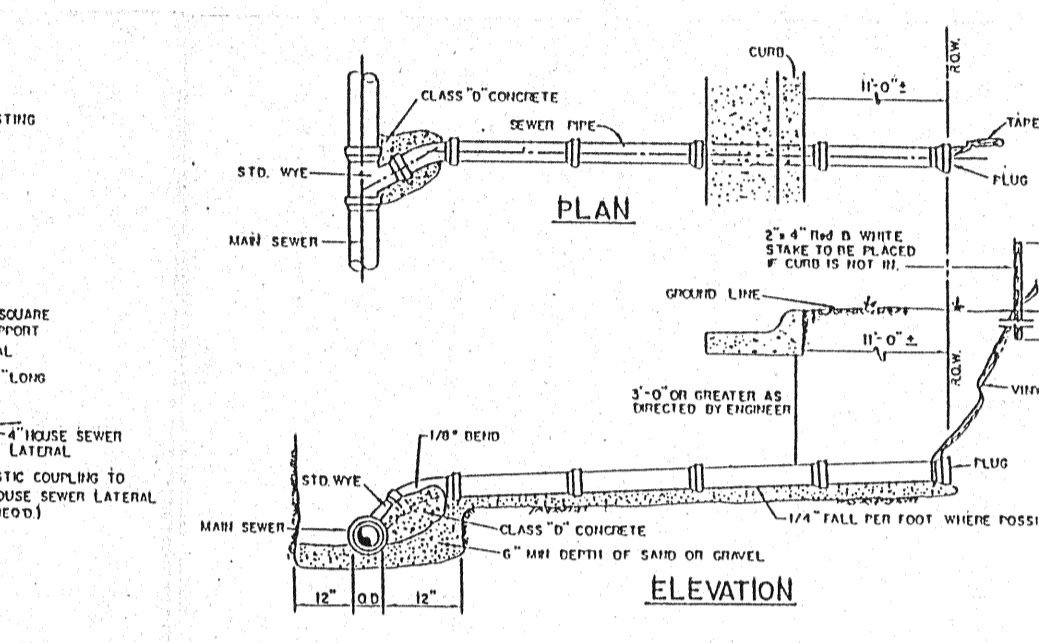
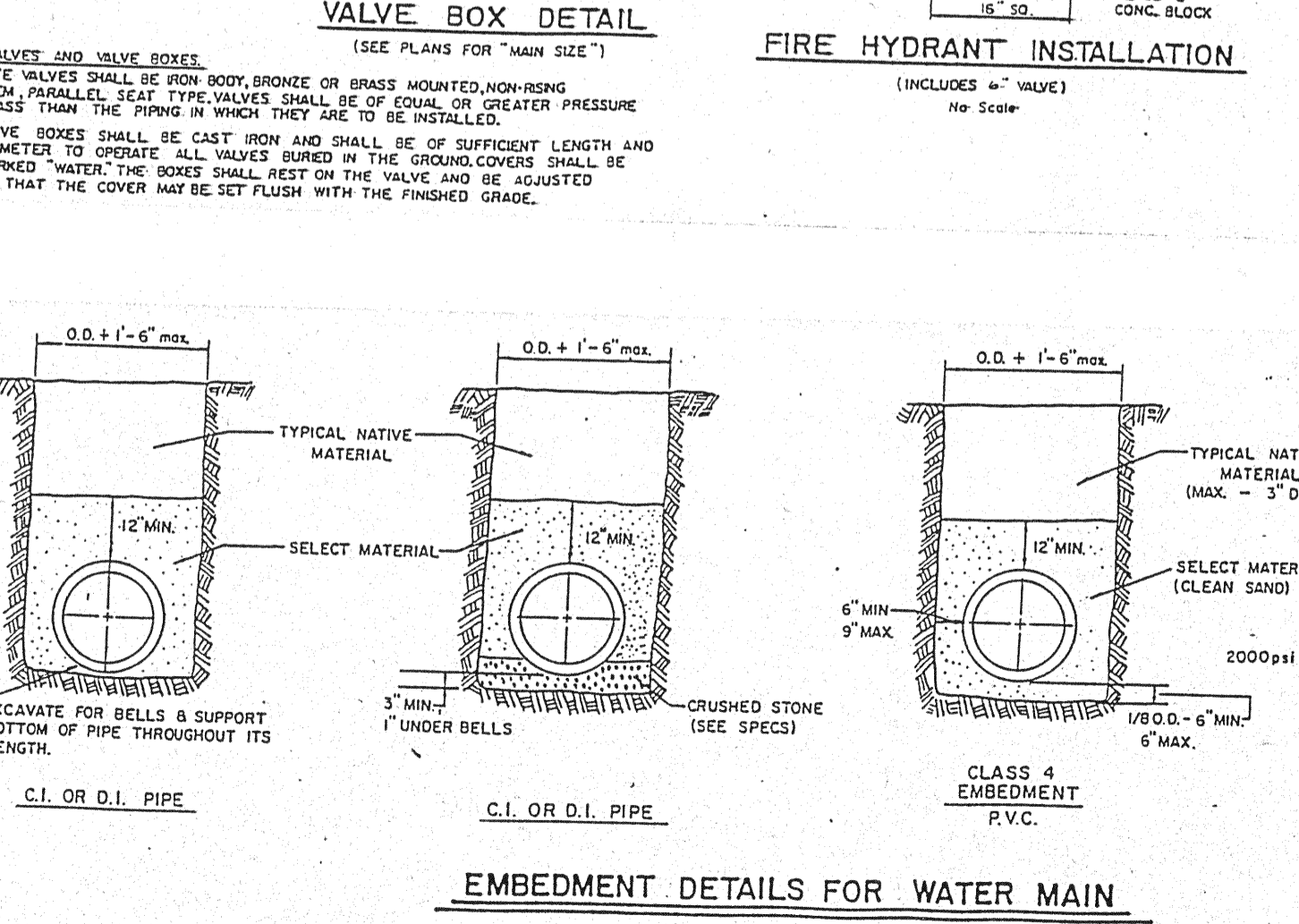
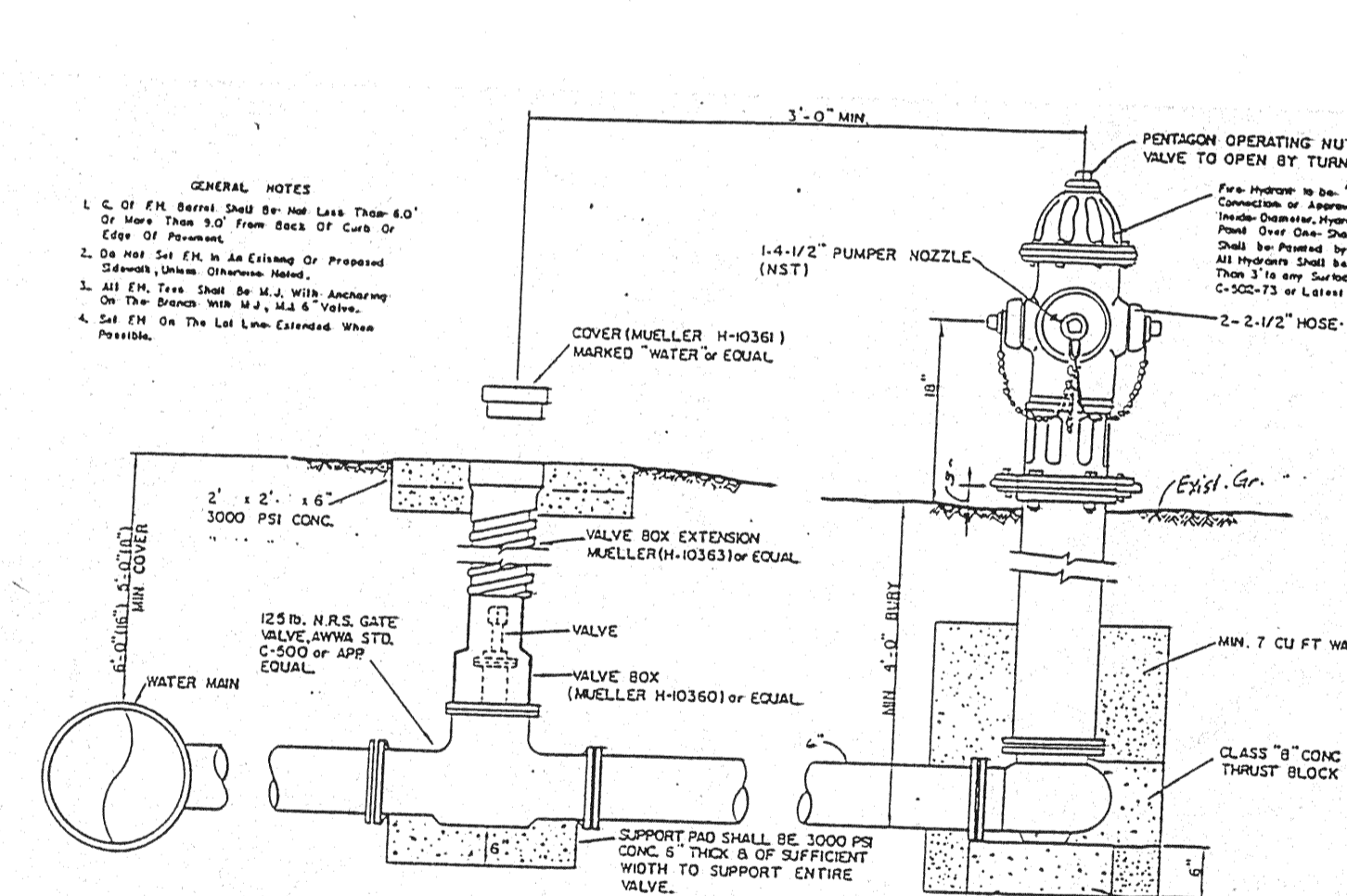
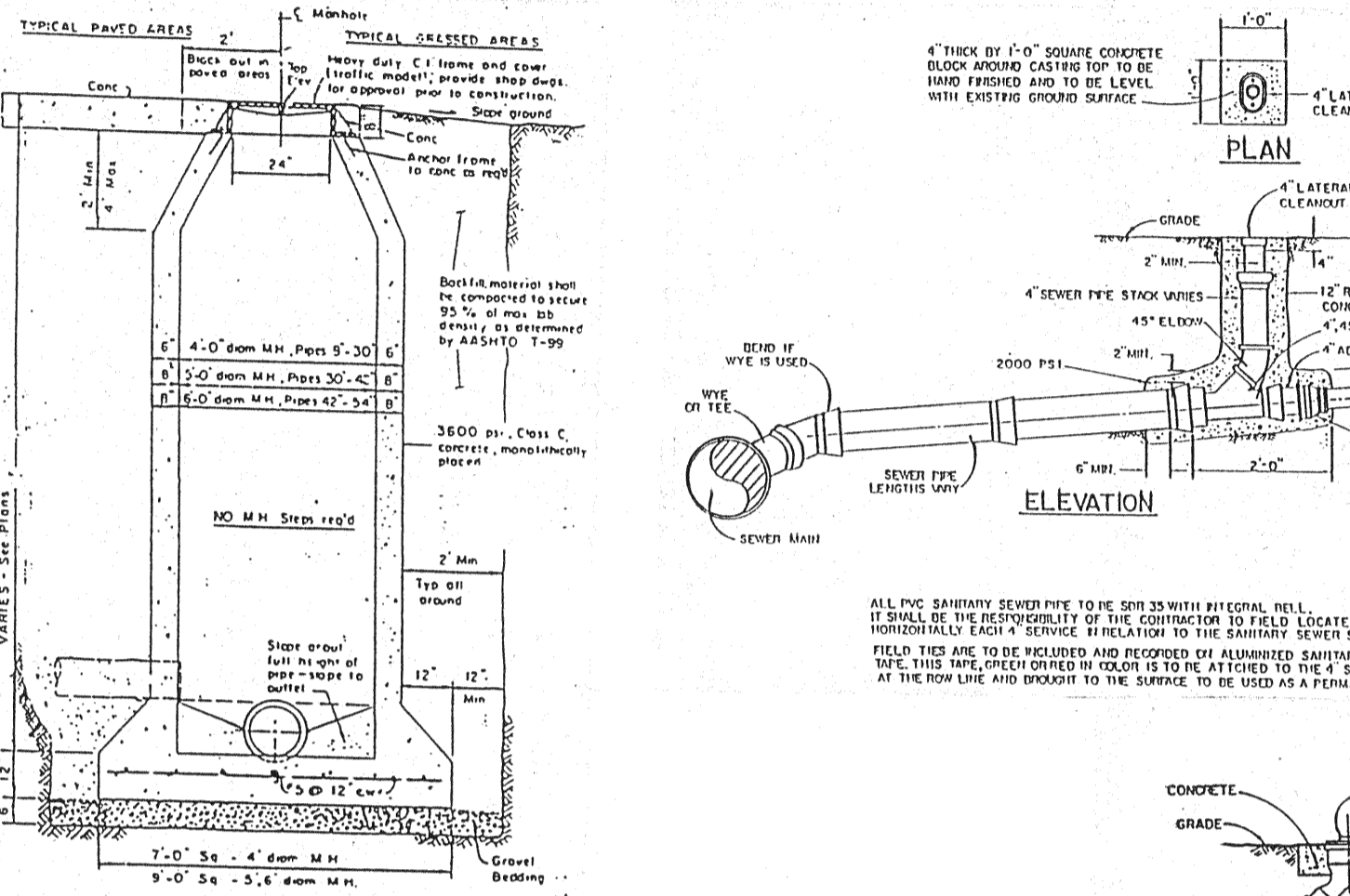
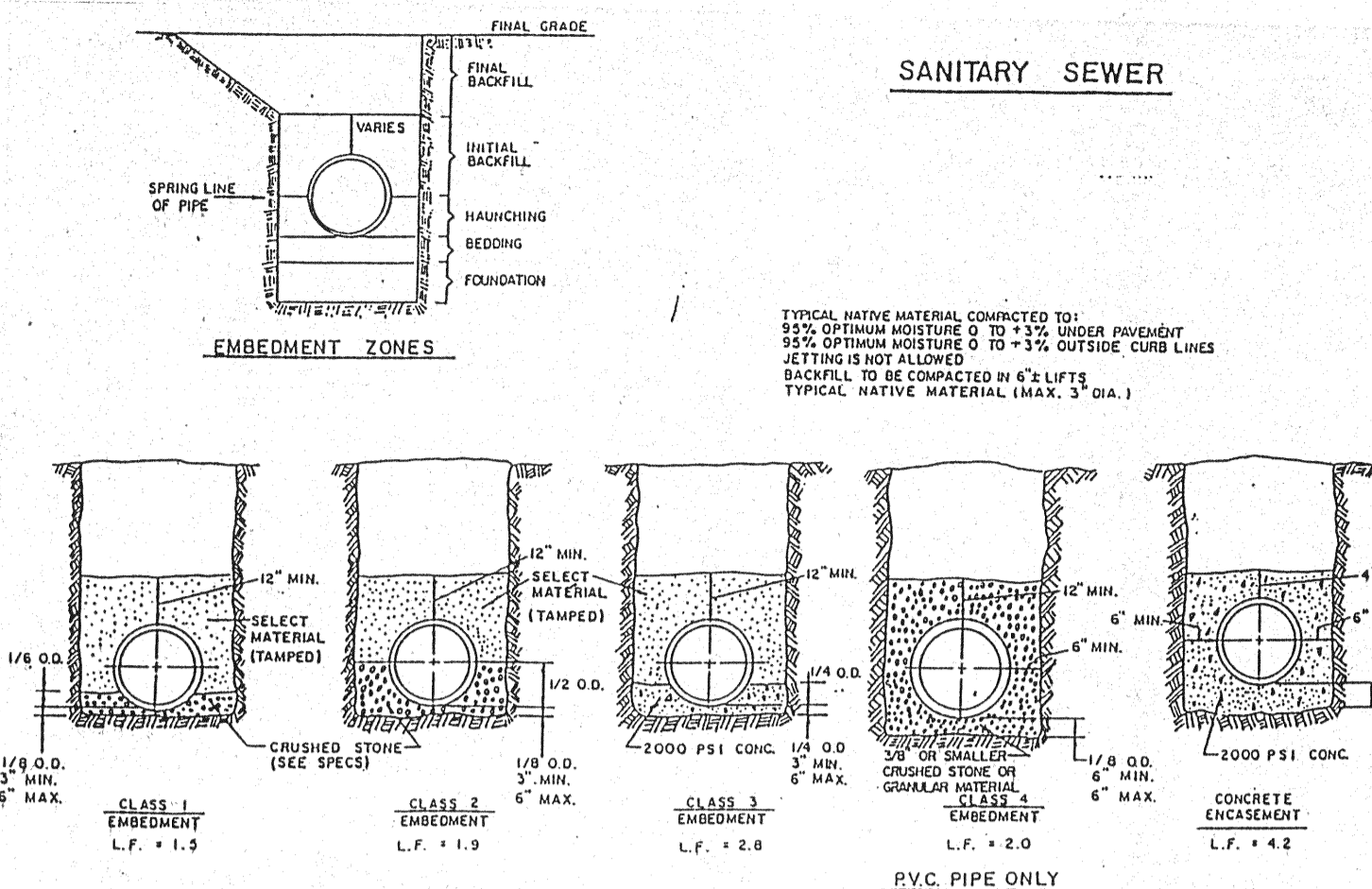
TABLE OF QUANTITIES OF 2000 PSI CONCRETE, GRAVEL, OR CRUSHED STONE IN CUBIC YARDS PER 100 LINEAR FEET FOR EACH CLASS EMBEDMENT

TABLE OF QUANTITIES PER 100 LINEAR FEET REINFORCED CONCRETE PIPE

SIZE OF PIPE IN INCHES I.D.	O.D. OF PIPE IN INCHES	TRENCH WIDTH IN INCHES	TRENCH DEPTH IN FEET	CLASS 1 ENCASEMENT CRUSHED STONE	CLASS 2 ENCASEMENT CRUSHED STONE	CLASS 3 ENCASEMENT CRUSHED STONE	CONCRETE ENCASEMENT
12	16.00	36	3.67	4.1	5.1	6.1	18.8
15	19.50	36	3.00	4.5	7.5	8.5	19.2
18	23.00	36	3.33	5.7	9.7	11.7	21.2
21	26.50	48	3.33	6.3	11.0	13.0	24.8
24	30.00	48	3.33	8.3	12.1	14.1	28.7
27	33.50	36	4.25	10.3	16.1	18.1	32.8
30	37.00	36	4.75	12.7	20.1	22.1	34.8
33	40.50	48	3.17	12.1	19.1	21.1	32.2
36	44.00	48	3.58	18.0	18.6	22.1	43.8

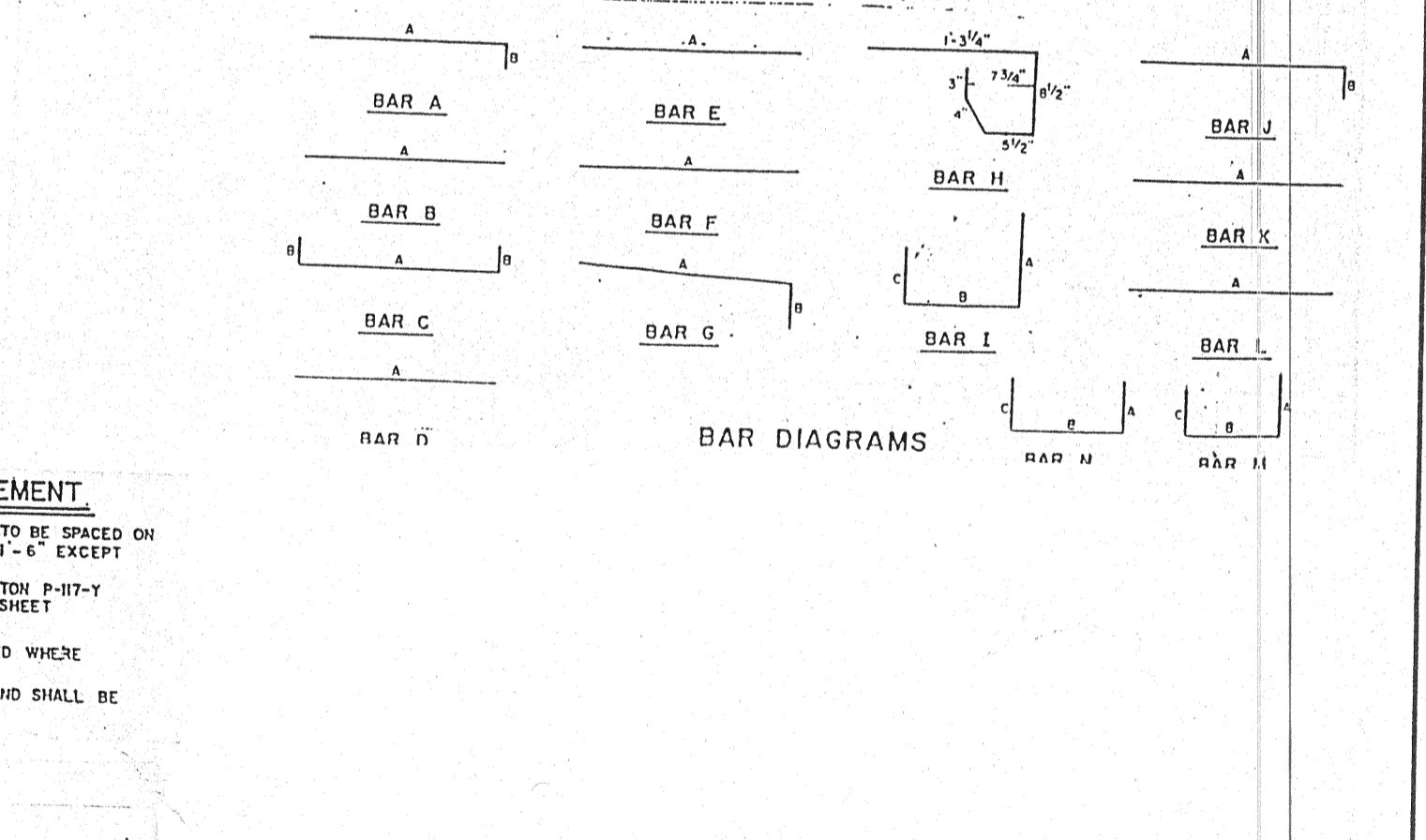
TABLE OF QUANTITIES PER 100 LINEAR FEET PVC PIPE

SIZE OF PIPE IN INCHES I.D.	O.D. OF PIPE IN INCHES	TRENCH WIDTH IN INCHES	TRENCH DEPTH IN FEET	CLASS 4 ENCASEMENT CRUSHED STONE	CONCRETE ENCASEMENT
6	8.18	24	2.00	8.0	11.7
8	8.18	24	2.00	8.7	12.4
10	10.20	16	2.10	10.2	14.2
12	12.14	28	2.33	11.7	15.9
15	15.30	36	3.00	14.0	18.8
18	18.50	36	3.00	15.3	19.8
20		42	3.5		



REINFORCING STEEL SCHEDULE

BAR NUMBER	DIAMETER	WEIGHT PER FOOT	AREA	AREA PER SQUARE FOOT
1	1/8"	0.40	0.006	0.006
2	3/16"	0.67	0.015	0.015
3	1/4"	0.91	0.020	0.020
4	5/16"	1.20	0.028	0.028
5	3/8"	1.50	0.036	0.036
6	7/16"	2.04	0.050	0.050
7	1/2"	2.35	0.058	0.058
8	9/16"	2.87	0.072	0.072
9	5/8"	3.14	0.079	0.079
10	3/4"	3.77	0.094	0.094
11	7/8"	4.40	0.109	0.109
12	1"	5.03	0.125	0.125
13	1 1/8"	5.66	0.141	0.141
14	1 1/4"	6.29	0.157	0.157
15	1 3/8"	6.92	0.173	0.173
16	1 1/2"	7.55	0.189	0.189
17	1 5/8"	8.18	0.205	0.205
18	1 3/4"	8.81	0.221	0.221
19	1 7/8"	9.44	0.237	0.237
20	2"	10.07	0.253	0.253
21	2 1/8"	10.70	0.269	0.269
22	2 1/4"	11.33	0.285	0.285
23	2 3/8"	11.96	0.301	0.301
24	2 1/2"	12.59	0.317	0.317
25	2 5/8"	13.22	0.333	0.333
26	2 3/4"	13.85	0.349	0.349
27	2 7/8"	14.48	0.365	0.365
28	3"	15.11	0.381	0.381
29	3 1/8"	15.74	0.397	0.397
30	3 1/4"	16.37	0.413	0.413
31	3 3/8"	17.00	0.429	0.429
32	3 1/2"	17.63	0.445	0.445
33	3 5/8"	18.26	0.461	0.461
34	3 3/4"	18.89	0.477	0.477
35	3 7/8"	19.52	0.493	0.493
36	4"	20.15	0.509	0.509
37	4 1/8"	20.78	0.525	0.525
38	4 1/4"	21.41	0.541	0.541
39	4 3/8"	22.04	0.557	0.557
40	4 1/2"	22.67	0.573	0.573
41	4 5/8"	23.30	0.589	0.589
42	4 3/4"	23.93	0.605	0.605
43	4 7/8"	24.56	0.621	0.621
44	5"	25.19	0.637	0.637
45	5 1/8"	25.82	0.653	0.653
46	5 1/4"	26.45	0.669	0.669
47	5 3/8"	27.08	0.685	0.685
48	5 1/2"	27.71	0.701	0.701
49	5 5/8"	28.34	0.717	0.717
50	5 3/4"	28.97	0.733	0.733
51	5 7/8"	29.60	0.749	0.749
52	6"	30.23	0.765	0.765
53	6 1/8"	30.86	0.781	0.781
54	6 1/4"	31.49	0.797	0.797
55	6 3/8"	32.12	0.813	0.813
56	6 1/2"	32.75	0.829	0.829
57	6 5/8"	33.38	0.845	0.845
58	6 3/4"	34.01	0.861	0.861
59	6 7/8"	34.64	0.877	0.877
60	7"	35.27	0.893	0.893
61	7 1/8"	35.90	0.909	0.909
62	7 1/4"	36.53	0.925	0.925
63	7 3/8"	37.16	0.941	0.941
64	7 1/2"	37.79	0.957	0.957
65	7 5/8"	38.42	0.973	0.973
66	7 3/4"	39.05	0.989	0.989
67	7 7/8"	39.68	1.005	1.005
68	8"	40.31	1.021	1.021
69	8 1/8"	40.94	1.037	1.037
70	8 1/4"	41.57	1.053	1.053
71	8 3/8"	42.20	1.069	1.069
72	8 1/2"	42.83	1.085	1.085
73	8 5/8"	43.46	1.101	1.101
74	8 3/4"	44.09	1.117	1.117
75	8 7/8"	44.72	1.133	1.133
76	9"	45.35	1.149	1.149
77	9 1/8"	45.98	1.165	1.165
78	9 1/4"	46.61	1.181	1.181
79	9 3/8"	47.24	1.197	1.197
80	9 1/2"	47.87	1.213	1.213
81	9 5/8"	48.50	1.229	1.229
82	9 3/4"	49.13	1.245	1.245
83	9 7/8"	49.76	1.261	1.261
84	10"	50.39	1.277	1.277
85	10 1/8"	51.02	1.293	1.293
86	10 1/4"	51.65	1.309	1.309
87	10 3/8"	52.28	1.325	1.325
88	10 1/2"	52.91	1.341	1.341
89	10 5/8"	53.54	1.357	1.357
90	10 3/4"	54.17	1.373	1.373
91	10 7/8"	54.80	1.389	1.389
92	11"	55.43	1.405	1.405
93	11 1/8"	56.06	1.421	1.421
94	11 1/4"	56.69	1.437	1.437
95	11 3/8"	57.32	1.453	1.453
96	11 1/2"	57.95	1.469	1.469
97	11 5/8"	58.58	1.485	1.485
98	11 3/4"	59.21	1.501	1.501
99	11 7/8"	59.84	1.517	1.517
100	12"	60.47	1.533	1.533



NOTE:
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DETAILS
TOWN HOMES OF ADDISON

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
LD	SC	4/23/96	AS NOTED	CCI		

DATE: 7/17/96
PROJECT NO. 81215-35