

**SANITARY SEWER**

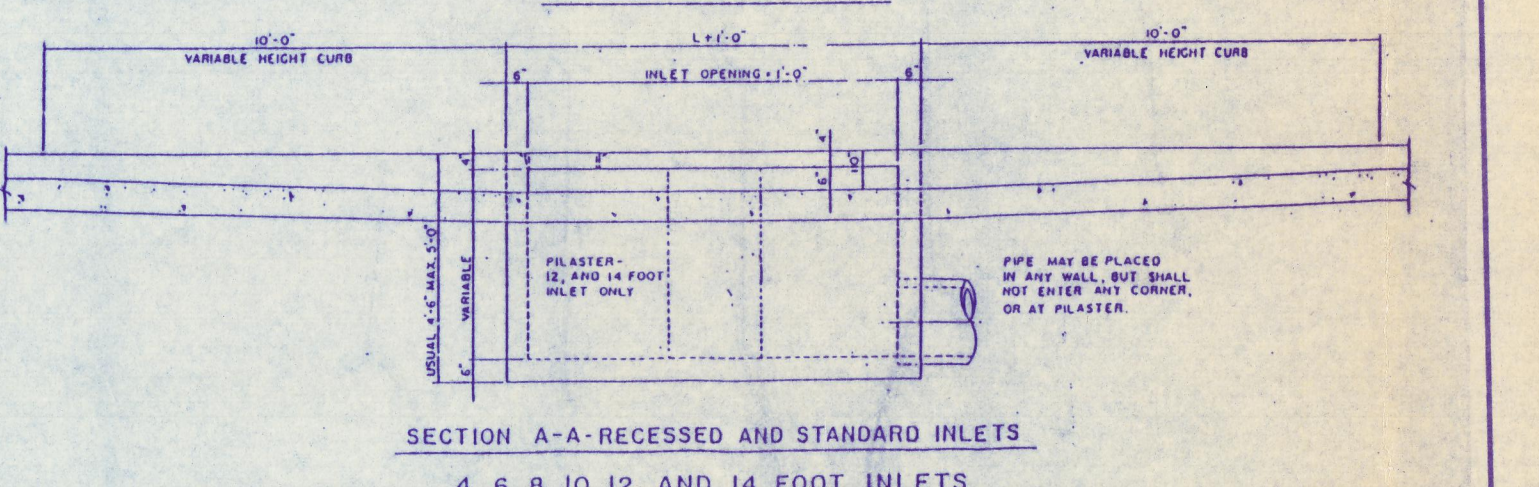
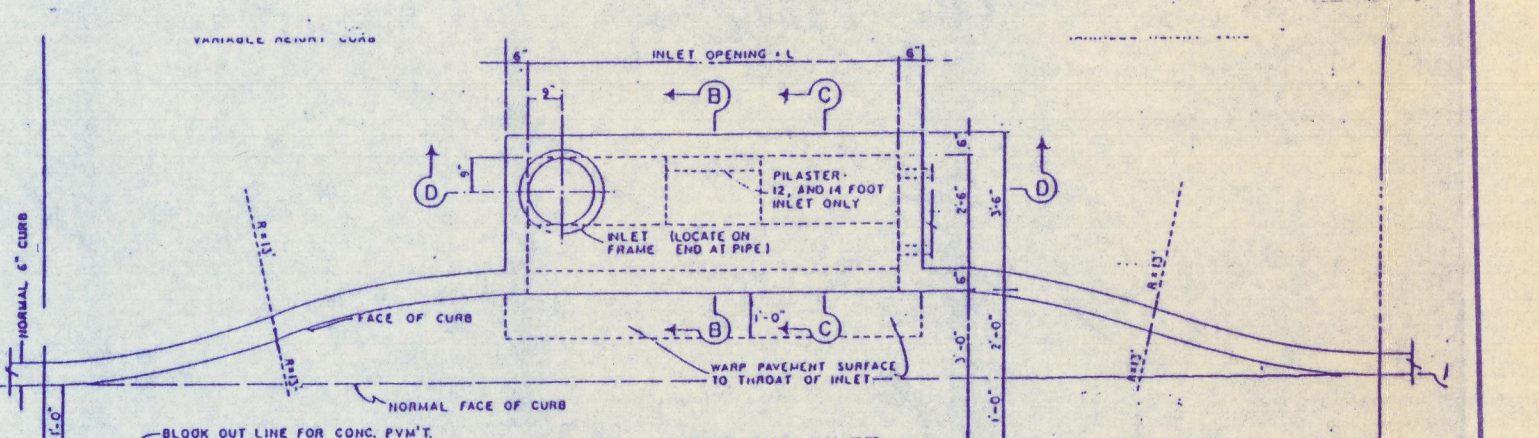
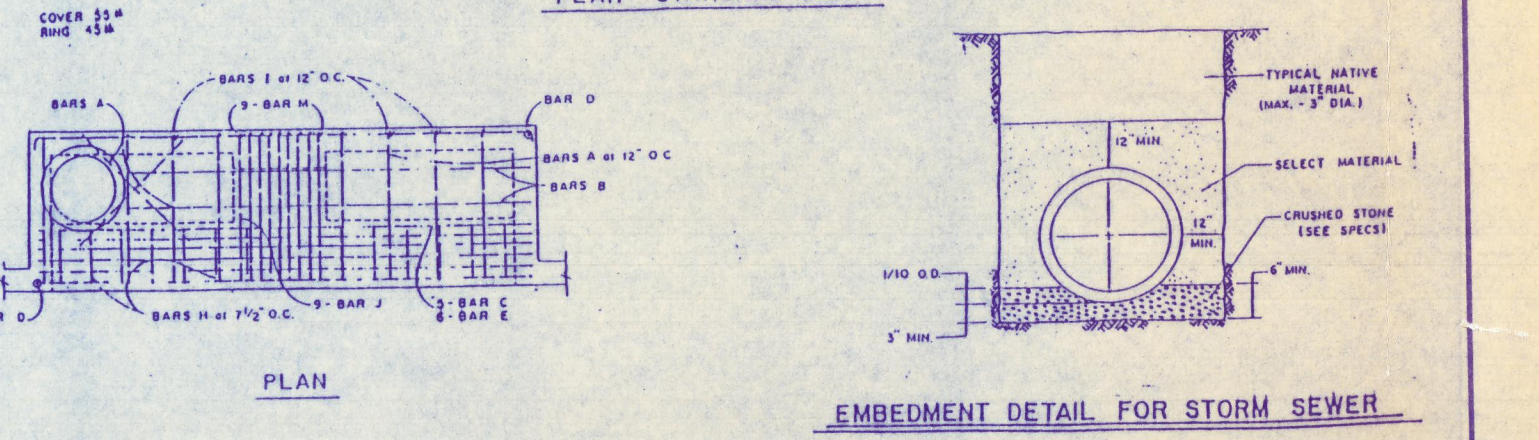
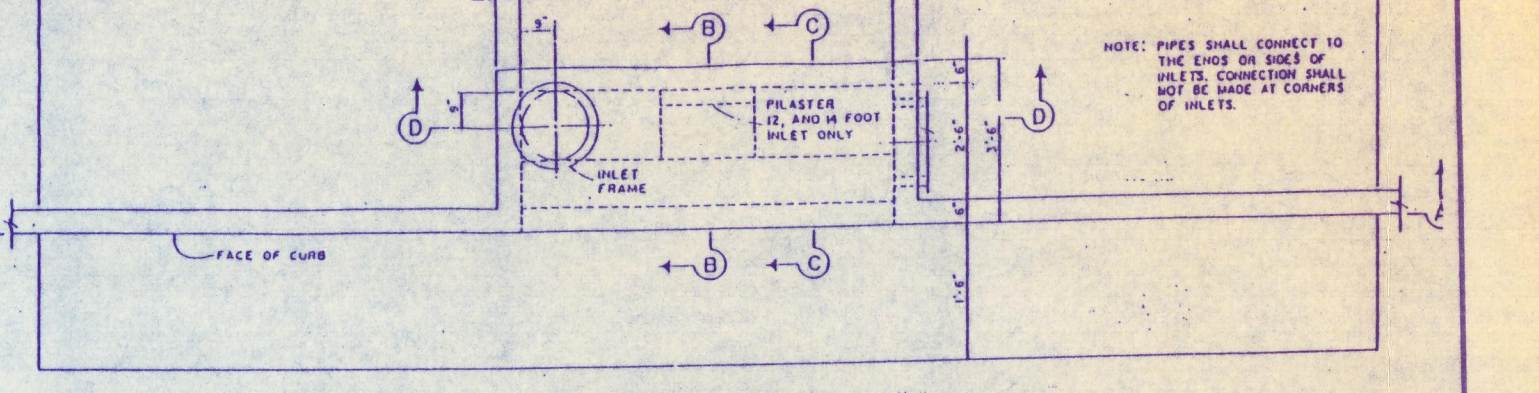
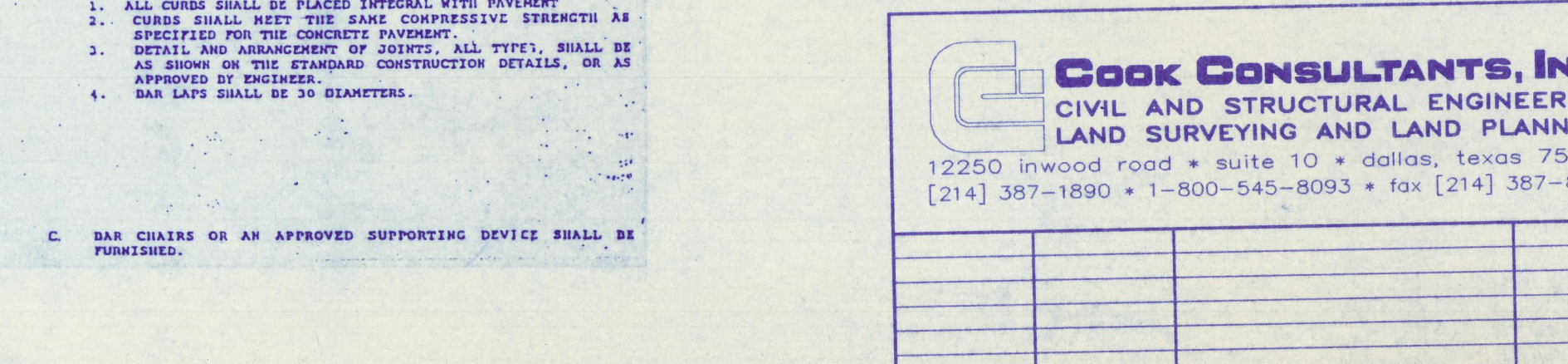
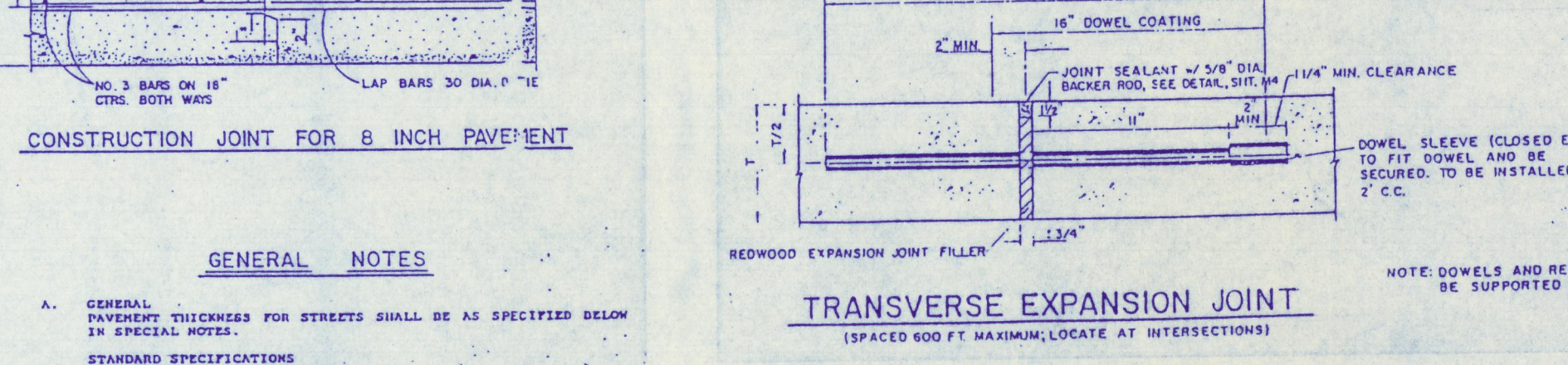
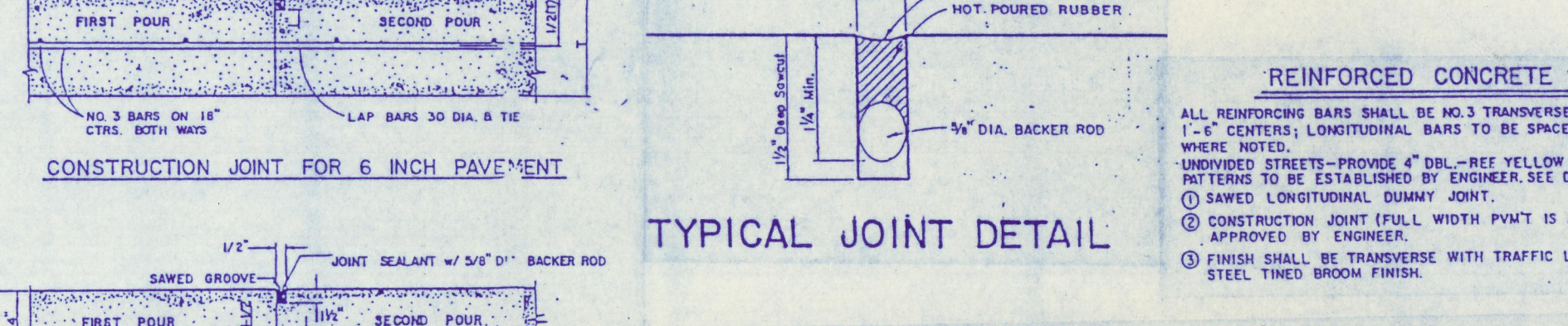
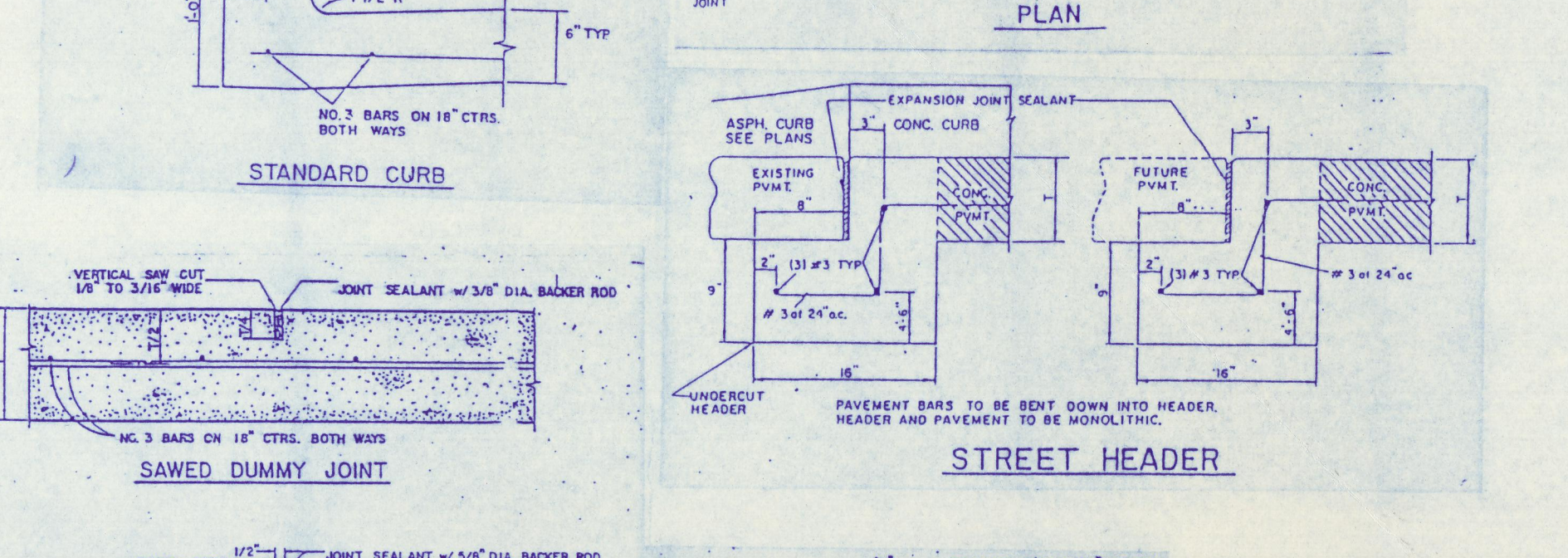
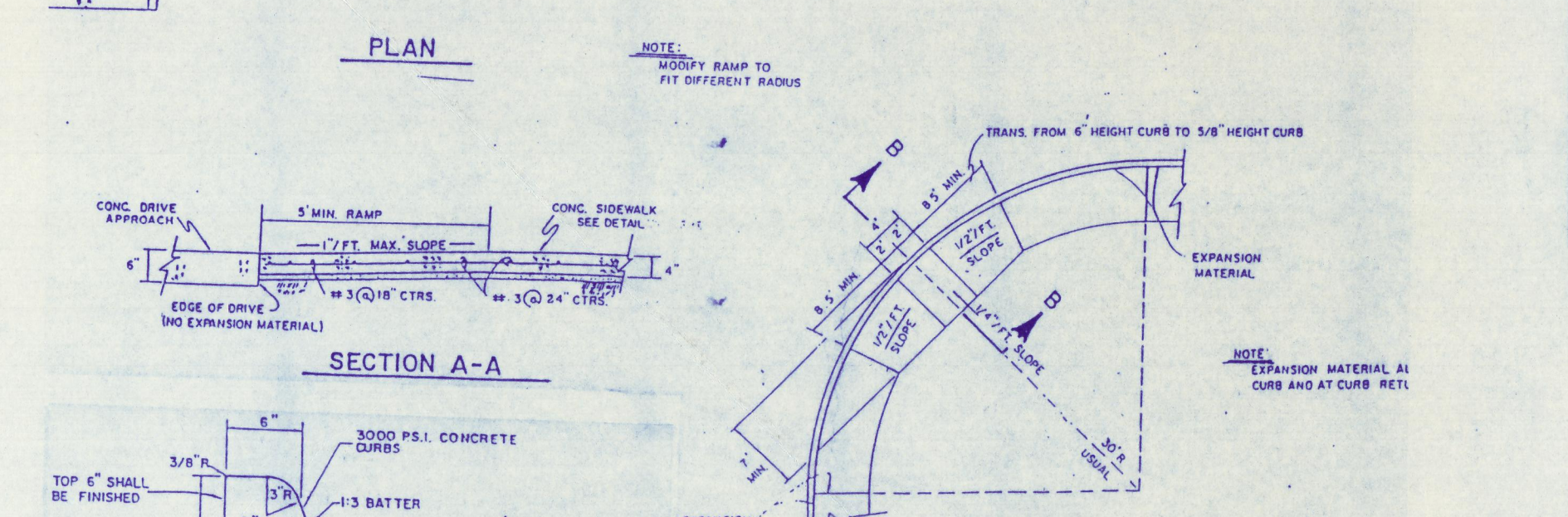
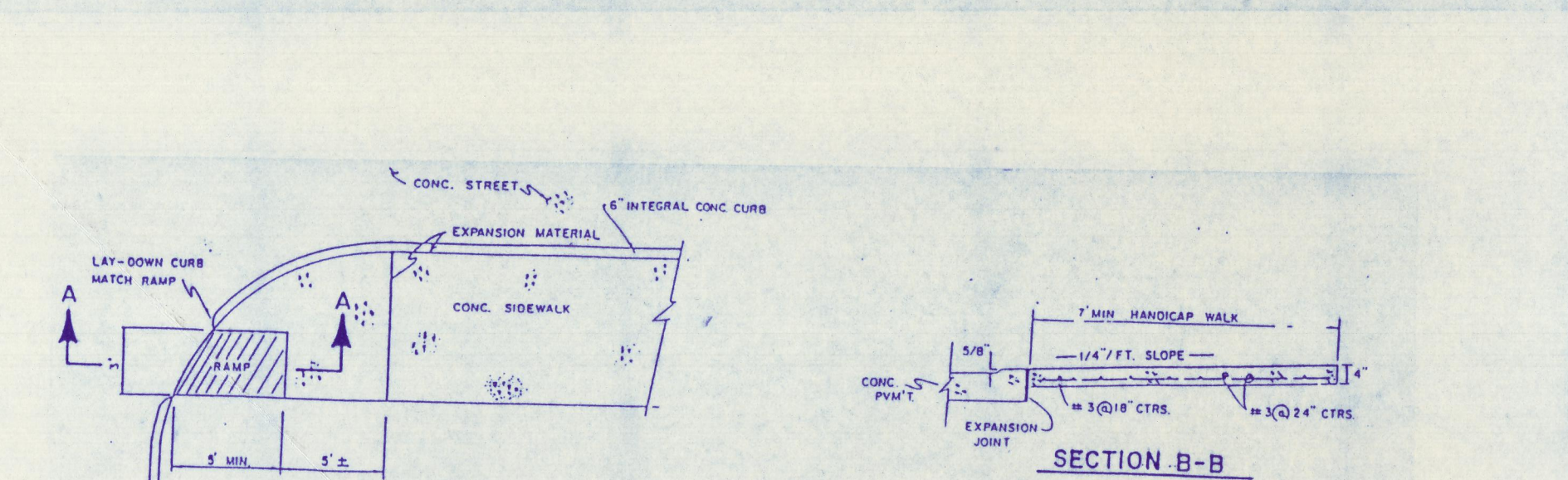
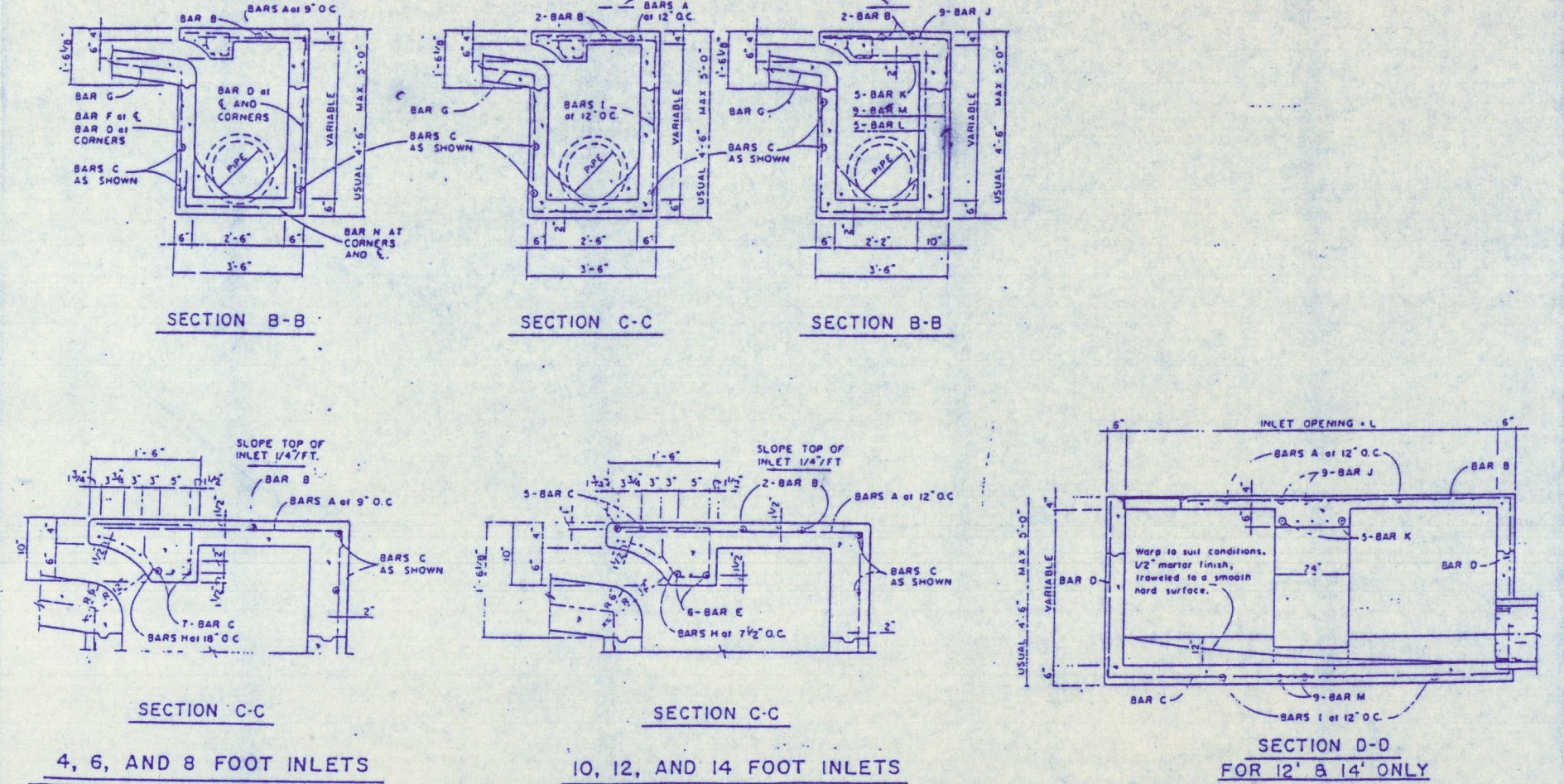
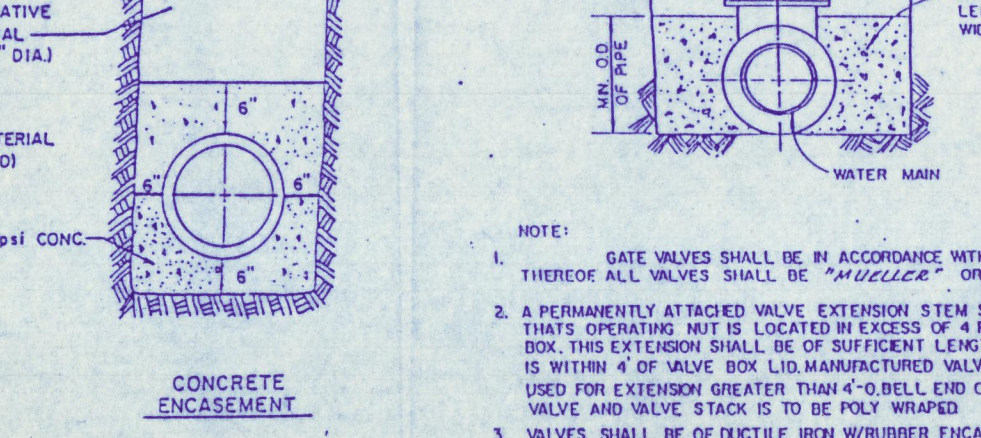
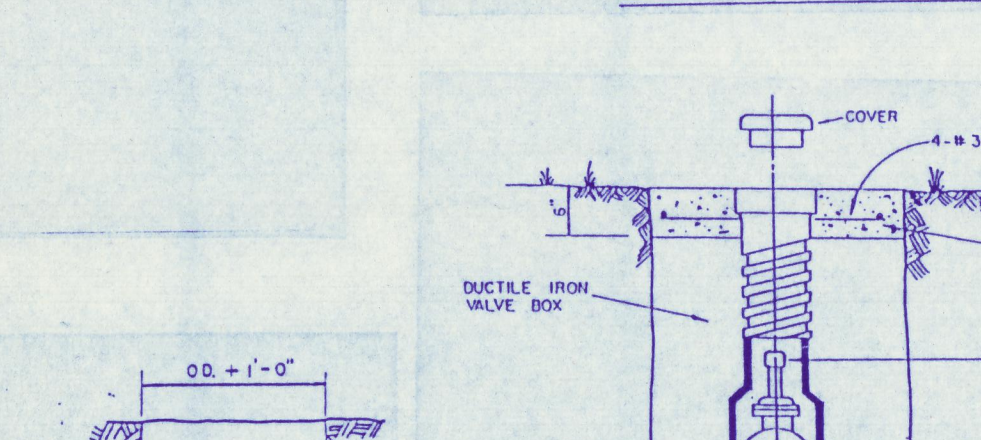
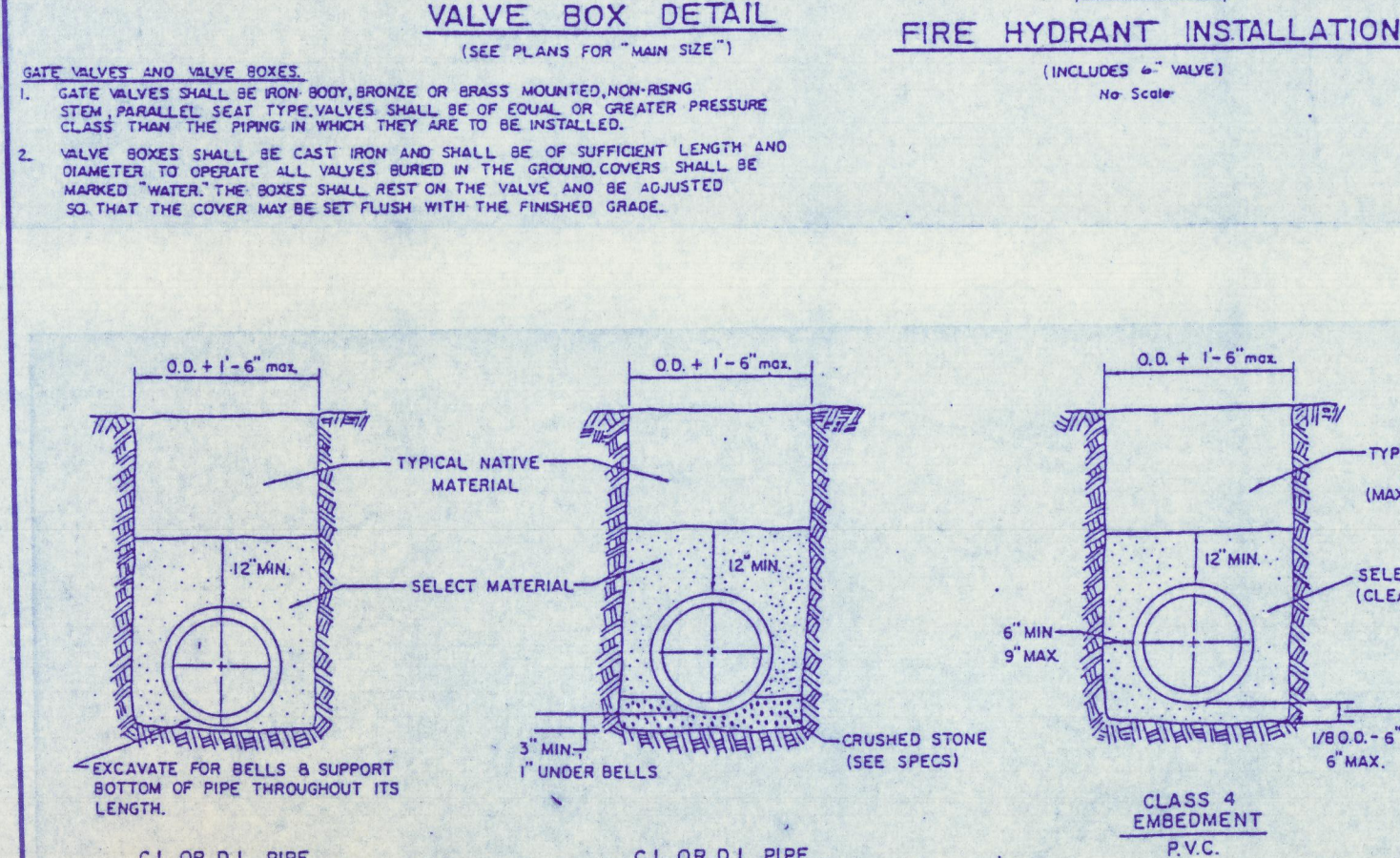
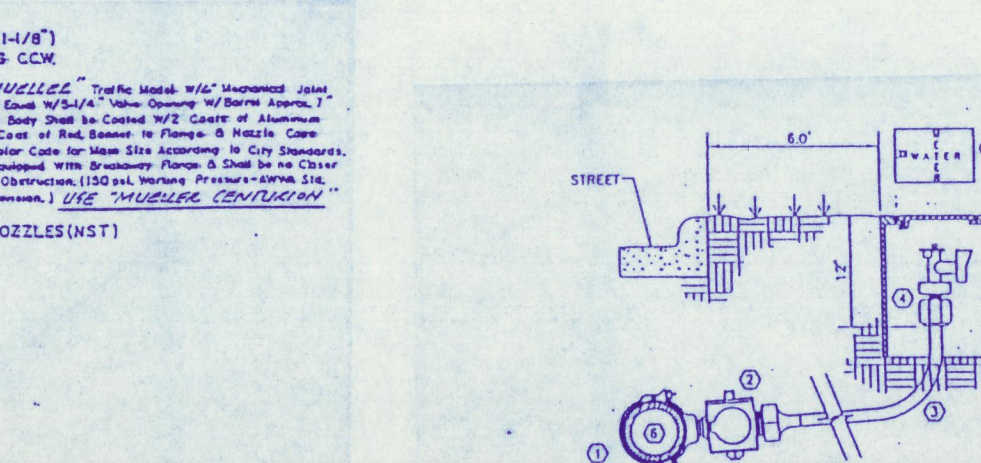
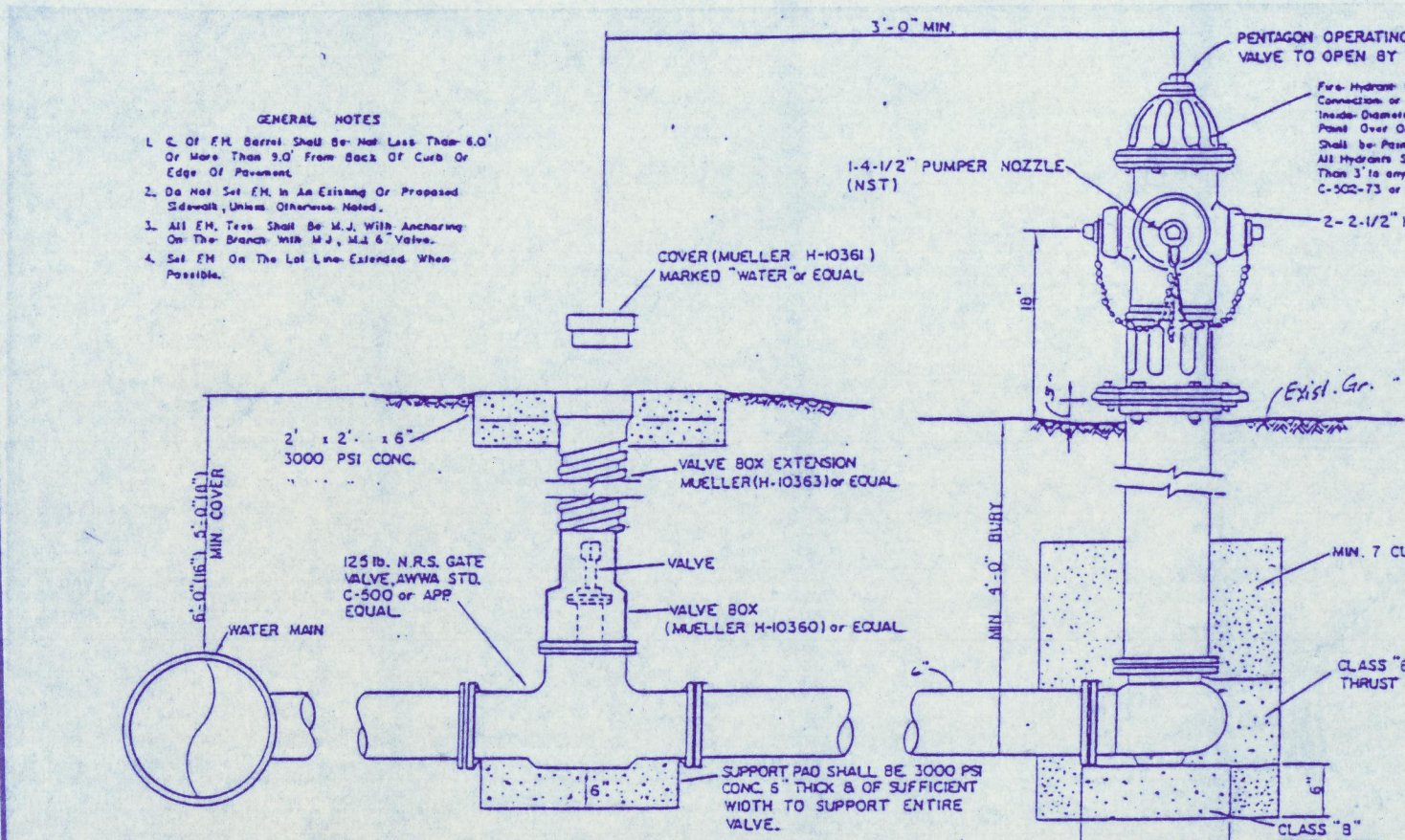
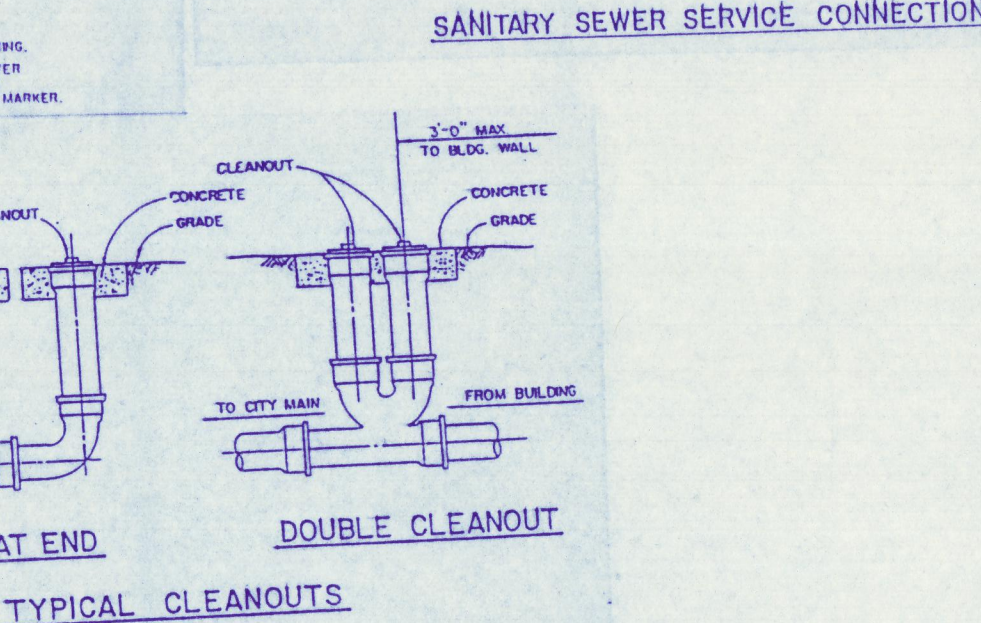
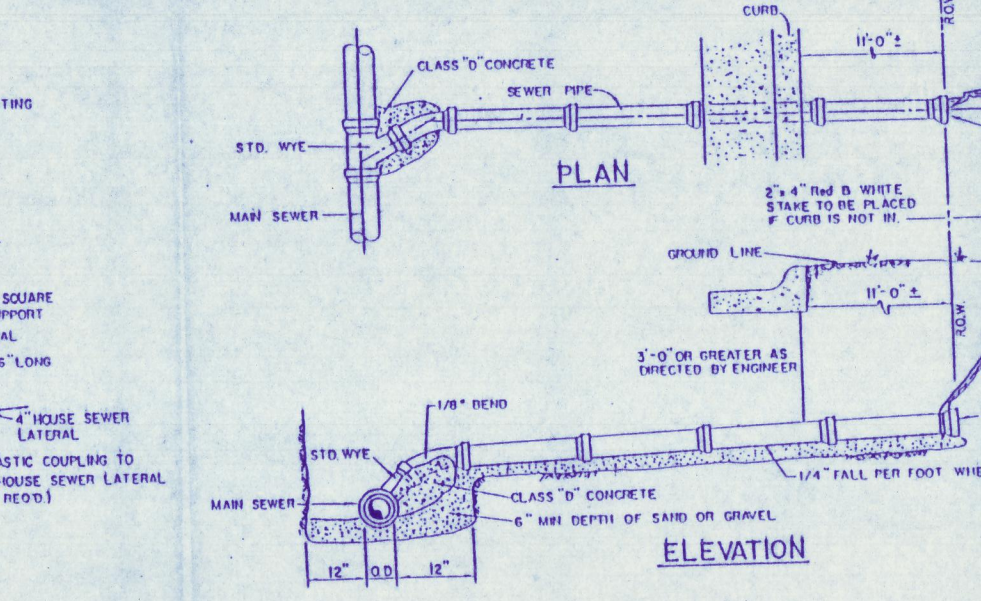
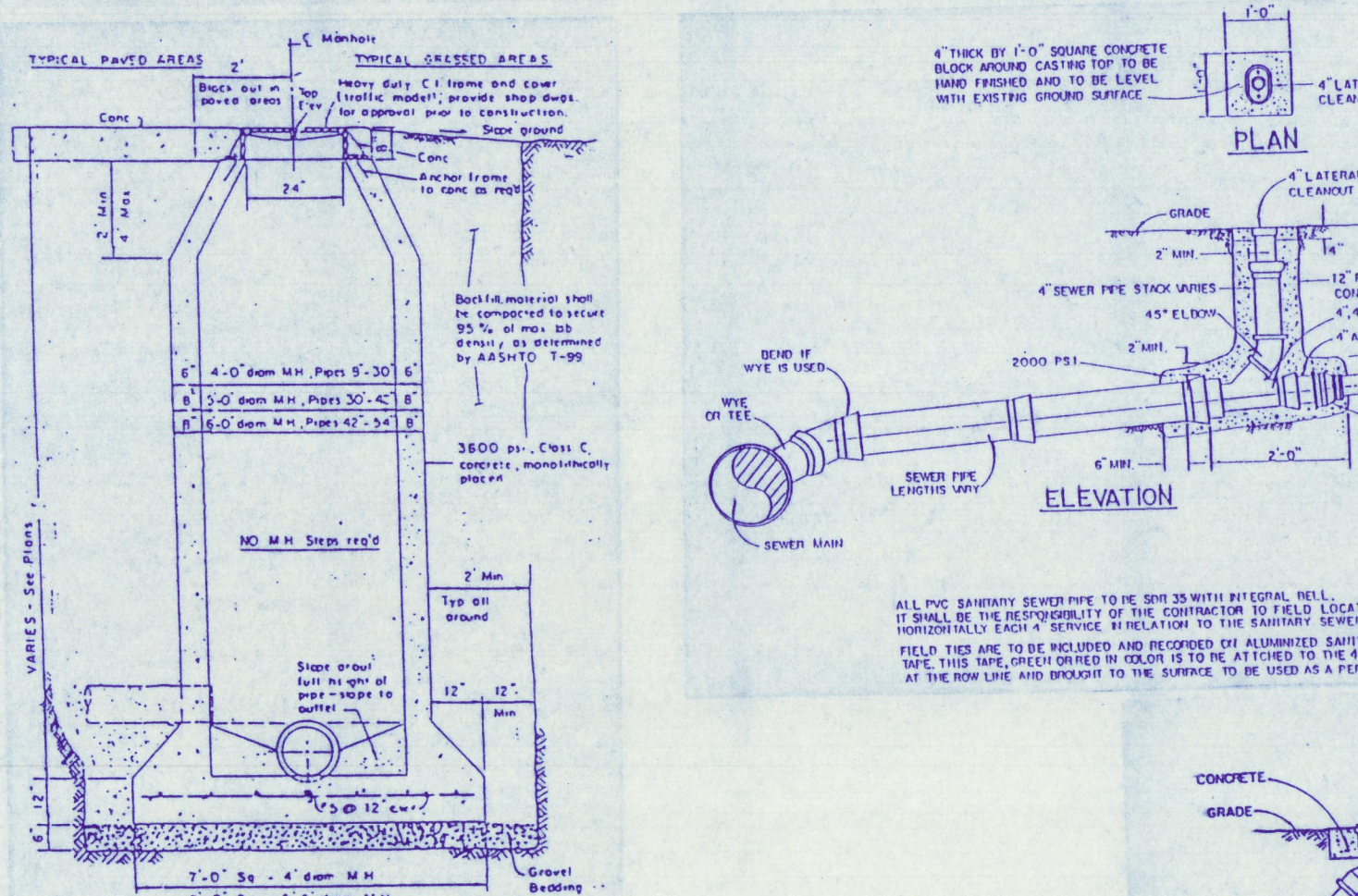
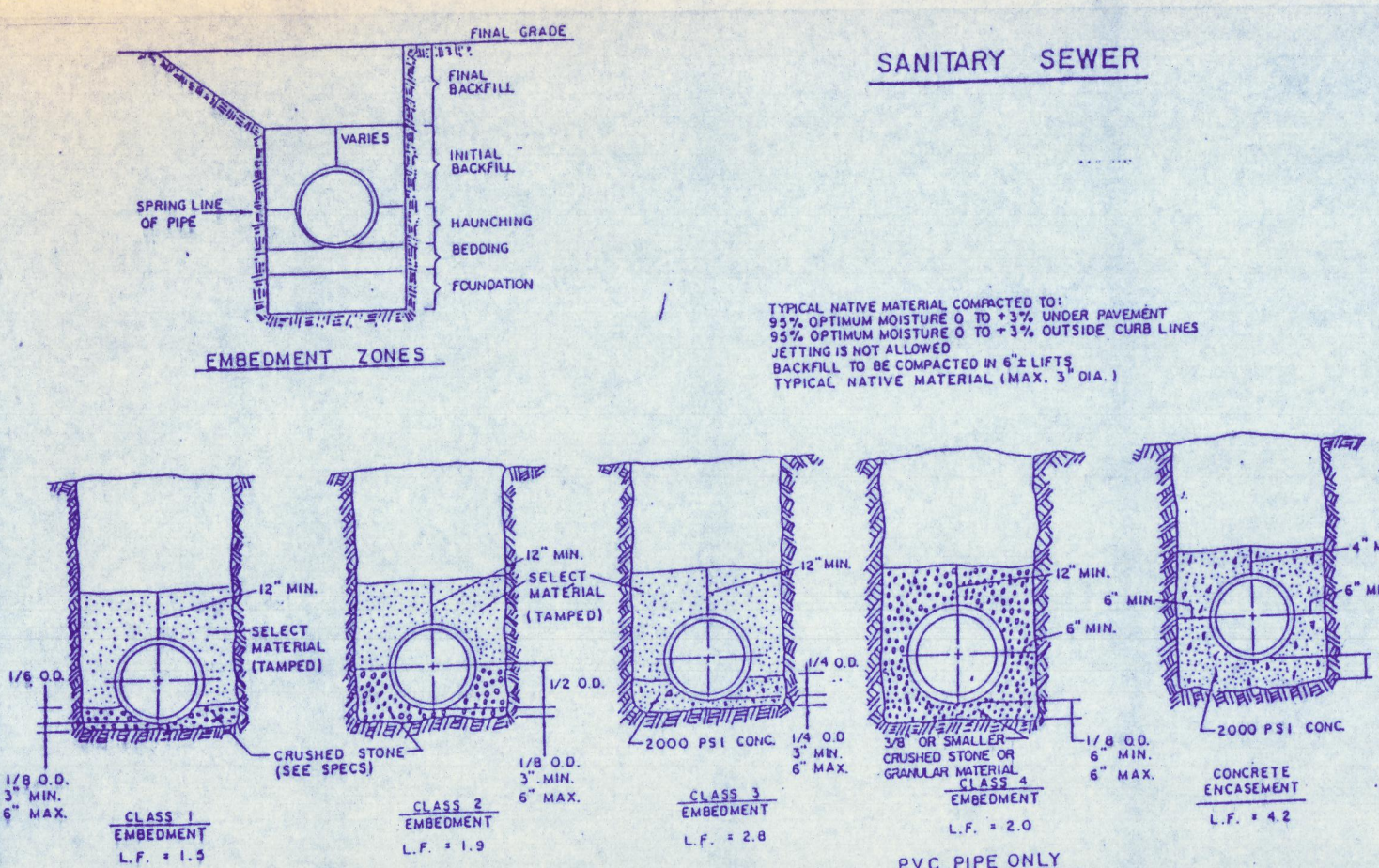
**EMBEDMENT DETAILS FOR SANITARY SEWER**

TABLE OF QUANTITIES PER 100 LINEAR FEET REINFORCED CONCRETE PIPE IN CUBIC YARDS PER 100 LINEAR FEET FOR EACH CLASS EMBEDMENT

SIZE OF PIPE IN INCHES	DEPTH OF TRENCH IN FEET	TRENCH WIDTH IN FEET	CLASS 1 CONCRETE ENCASEMENT	CLASS 2 CONCRETE ENCASEMENT	CLASS 3 CONCRETE ENCASEMENT	CONCRETE ENCASEMENT
12	15.00	38	3.47	4.1	5.5	15.8
15	19.00	38	3.00	4.5	7.8	18.3
18	23.00	39	3.25	5.7	9.2	21.3
21	26.50	43	3.58	6.9	11.1	24.7
24	30.00	46	3.88	8.2	13.1	28.8
27	33.50	51	4.15	10.3	15.4	32.8
30	37.00	57	4.75	12.7	18.1	38.2
33	40.50	61	5.15	15.1	21.1	43.8
36	44.00	67	5.58	18.0	25.1	51.8

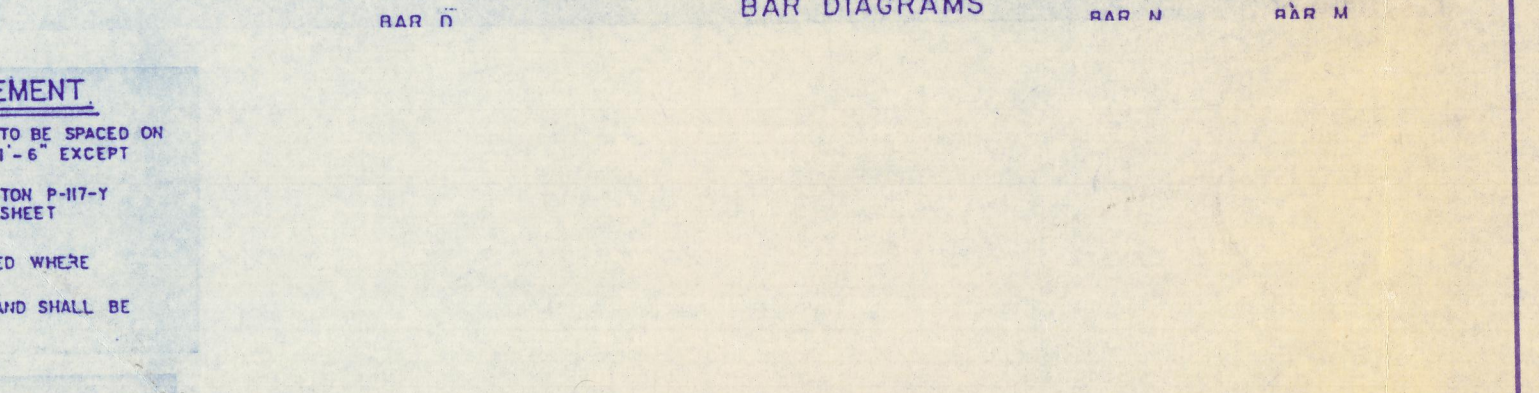
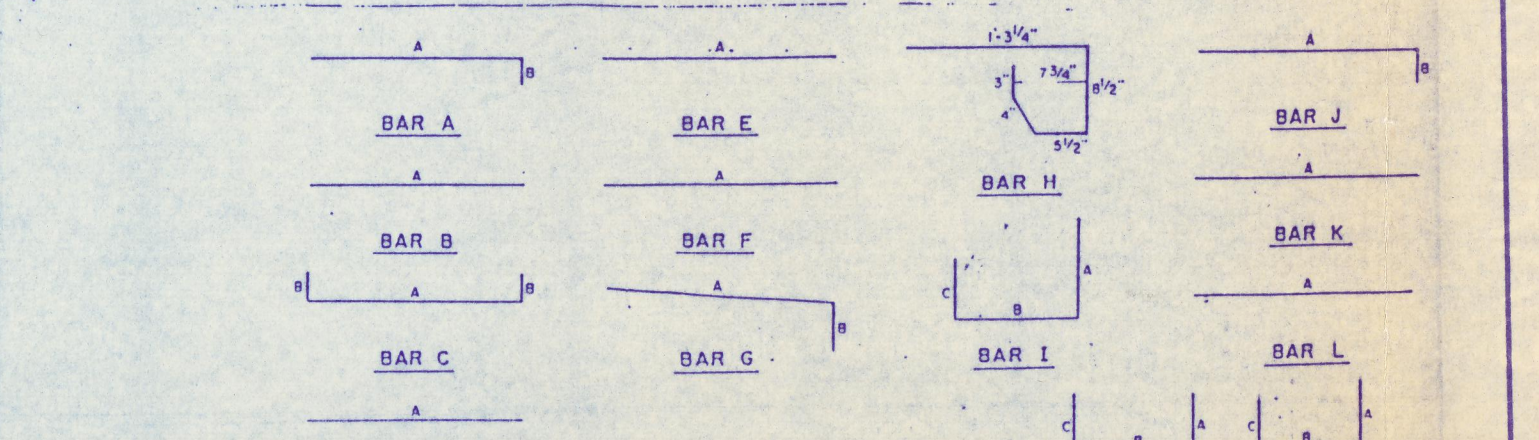
TABLE OF QUANTITIES PER 100 LINEAR FEET PVC PIPE

SIZE OF PIPE IN INCHES	TRENCH WIDTH IN FEET	TRENCH DEPTH IN FEET	CLASS 4 CONCRETE ENCASEMENT	CONCRETE ENCASEMENT
6	6.28	2.4	2.00	8.0
8	8.15	3.0	2.60	11.4
10	10.25	3.6	3.10	14.2
12	12.44	4.2	3.70	17.5
15	15.30	5.1	4.50	21.8
18	18.10	6.0	5.40	27.0
21	20.80	7.0	6.40	33.0
24	23.50	8.1	7.50	39.8
27	26.20	9.3	8.70	47.5
30	28.90	10.6	10.00	56.0
33	31.60	12.0	11.40	65.2
36	34.30	13.5	12.90	75.0



REINFORCING STEEL SCHEDULE

SECTION	TYPE	SIZE	LENGTH	QUANTITY	WEIGHT
A	1	#4	10'-0"	10	100
A	2	#4	10'-0"	10	100
A	3	#4	10'-0"	10	100
A	4	#4	10'-0"	10	100
A	5	#4	10'-0"	10	100
A	6	#4	10'-0"	10	100
A	7	#4	10'-0"	10	100
A	8	#4	10'-0"	10	100
A	9	#4	10'-0"	10	100
A	10	#4	10'-0"	10	100
A	11	#4	10'-0"	10	100
A	12	#4	10'-0"	10	100
A	13	#4	10'-0"	10	100
A	14	#4	10'-0"	10	100
A	15	#4	10'-0"	10	100
A	16	#4	10'-0"	10	100
A	17	#4	10'-0"	10	100
A	18	#4	10'-0"	10	100
A	19	#4	10'-0"	10	100
A	20	#4	10'-0"	10	100
A	21	#4	10'-0"	10	100
A	22	#4	10'-0"	10	100
A	23	#4	10'-0"	10	100
A	24	#4	10'-0"	10	100
A	25	#4	10'-0"	10	100
A	26	#4	10'-0"	10	100
A	27	#4	10'-0"	10	100
A	28	#4	10'-0"	10	100
A	29	#4	10'-0"	10	100
A	30	#4	10'-0"	10	100
A	31	#4	10'-0"	10	100
A	32	#4	10'-0"	10	100
A	33	#4	10'-0"	10	100
A	34	#4	10'-0"	10	100
A	35	#4	10'-0"	10	100
A	36	#4	10'-0"	10	100
A	37	#4	10'-0"	10	100
A	38	#4	10'-0"	10	100
A	39	#4	10'-0"	10	100
A	40	#4	10'-0"	10	100
A	41	#4	10'-0"	10	100
A	42	#4	10'-0"	10	100
A	43	#4	10'-0"	10	100
A	44	#4	10'-0"	10	100
A	45	#4	10'-0"	10	100
A	46	#4	10'-0"	10	100
A	47	#4	10'-0"	10	100
A	48	#4	10'-0"	10	100
A	49	#4	10'-0"	10	100
A	50	#4	10'-0"	10	100
A	51	#4	10'-0"	10	100
A	52	#4	10'-0"	10	100
A	53	#4	10'-0"	10	100
A	54	#4	10'-0"	10	100
A	55	#4	10'-0"	10	100
A	56	#4	10'-0"	10	100
A	57	#4	10'-0"	10	100
A	58	#4	10'-0"	10	100
A	59	#4	10'-0"	10	100
A	60	#4	10'-0"	10	100
A	61	#4	10'-0"	10	100
A	62	#4	10'-0"	10	100
A	63	#4	10'-0"	10	100
A	64	#4	10'-0"	10	100
A	65	#4	10'-0"	10	100
A	66	#4	10'-0"	10	100
A	67	#4	10'-0"	10	100
A	68	#4	10'-0"	10	100
A	69	#4	10'-0"	10	100
A	70	#4	10'-0"	10	100
A	71	#4	10'-0"	10	100
A	72	#4	10'-0"	10	100
A	73	#4	10'-0"	10	100
A	74	#4	10'-0"	10	100
A	75	#4	10'-0"	10	100
A	76	#4	10'-0"	10	100
A	77	#4	10'-0"	10	100
A	78	#4	10'-0"	10	100
A	79	#4	10'-0"	10	100
A	80	#4	10'-0"	10	100
A	81	#4	10'-0"	10	100
A	82	#4	10'-0"	10	100
A	83	#4	10'-0"	10	100
A	84	#4	10'-0"	10	100
A	85	#4	10'-0"	10	100
A	86	#4	10'-0"	10	100
A	87	#4	10'-0"	10	100
A	88	#4	10'-0"	10	100
A	89	#4	10'-0"	10	100
A	90	#4	10'-0"	10	100
A	91	#4	10'-0"	10	100
A	92	#4	10'-0"	10	100
A	93	#4	10'-0"	10	100
A	94	#4	10'-0"	10	100
A	95	#4	10'-0"	10	100
A	96	#4	10'-0"	10	100
A	97	#4	10'-0"	10	100
A	98	#4	10'-0"	10	100
A	99	#4	10'-0"	10	100
A	100	#4	10'-0"	10	100



**NOTE:**  
 THESE DOCUMENTS &/OR SPECIFICATIONS MAY BE USED FOR PURPOSES AS INDICATED BELOW  
 COORDINATION & PRELIMINARY  
 PERMITTING  
 BIDDING ONLY  
 CONSTRUCTION  
 UNDER THE AUTHORITY OF JACK C. COOK III  
 PROFESSIONAL ENGINEER  
 THESE DRAWINGS TO BE USED FOR PERMIT OR CONSTRUCTION ARE VALID ONLY IF SEALING PROFESSIONAL'S SEAL AND SIGNATURE NOT CORRECT AND DATED.

**DETAILS**  
**TOWN HOMES OF ADDISON**  
**DEPARTMENT OF PUBLIC WORKS**  
**TOWN OF ADDISON, TEXAS**

DESIGN: LD SC DATE: 4/23/98 SCALE: AS NOTED NOTES: CCI FILE NO. LD SC 4/23/98 AS NOTED CCI

**Cook Consultants, Inc.**  
 CIVIL AND STRUCTURAL ENGINEERING  
 LAND SURVEYING AND LAND PLANNING  
 12250 Inwood road • suite 10 • Dallas, Texas 75244  
 [214] 387-1890 • 1-800-545-8093 • fax [214] 387-8210

DATE: 7/17/98  
 PROJECT NO. 81215-35