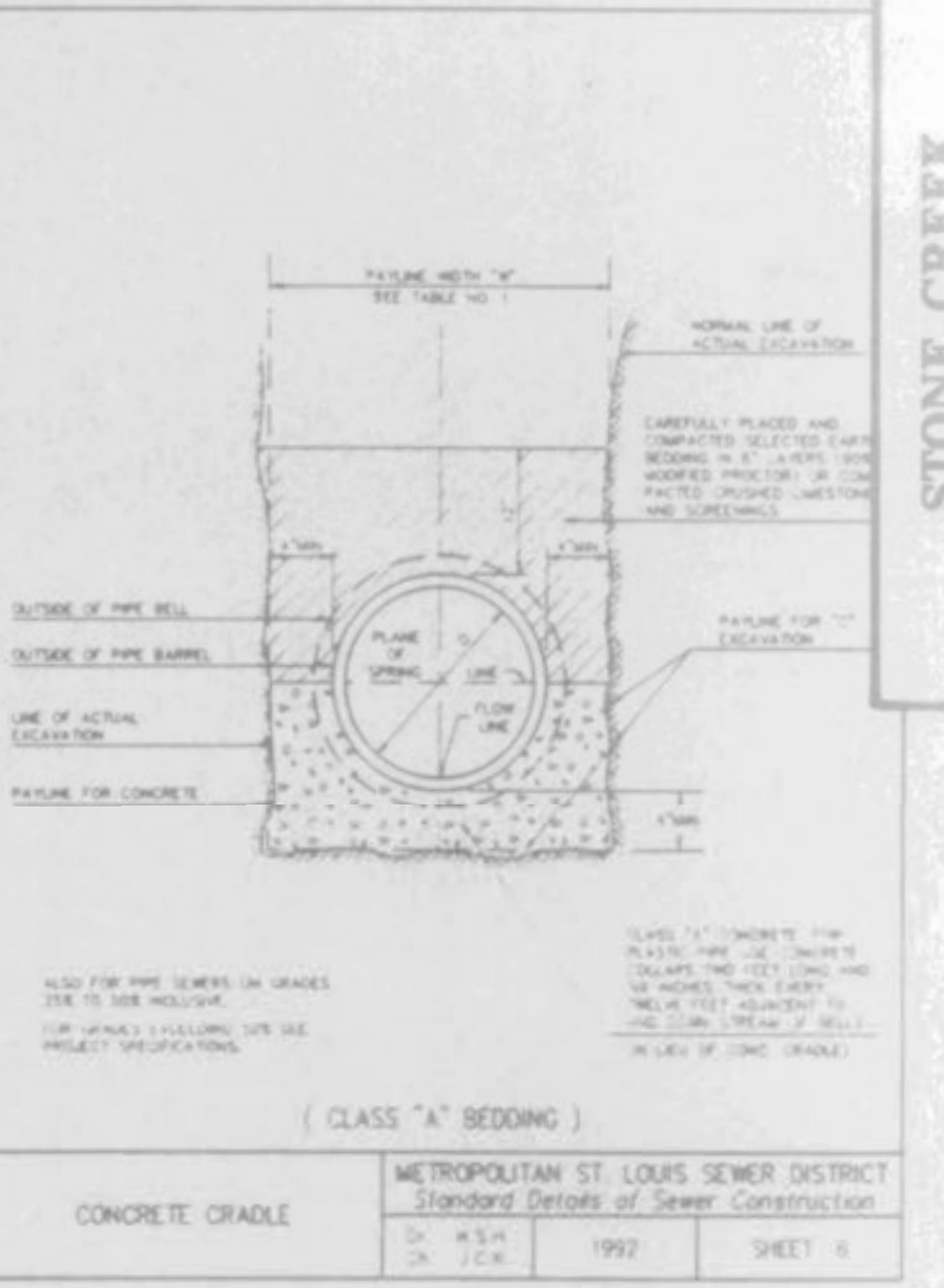
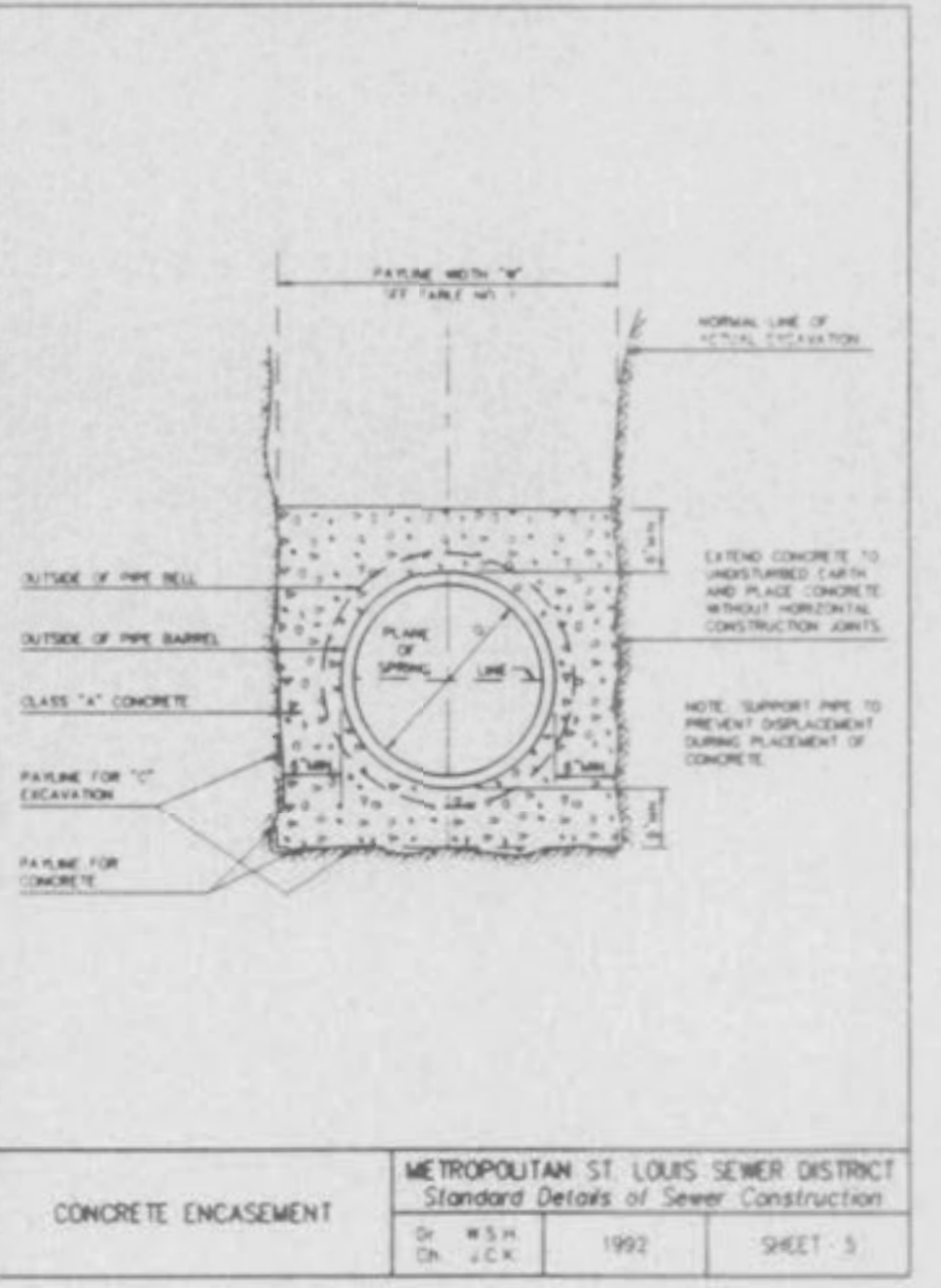
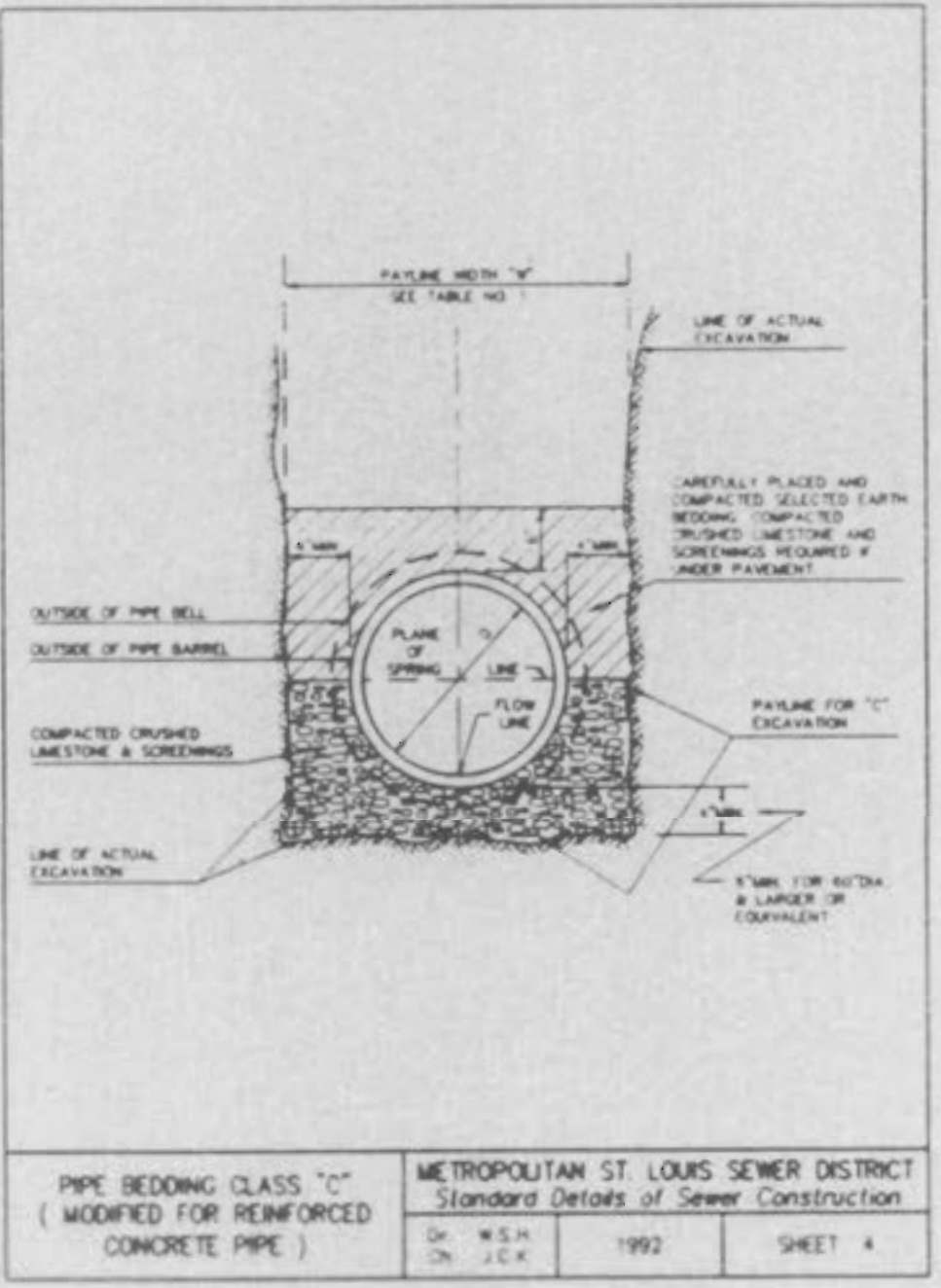
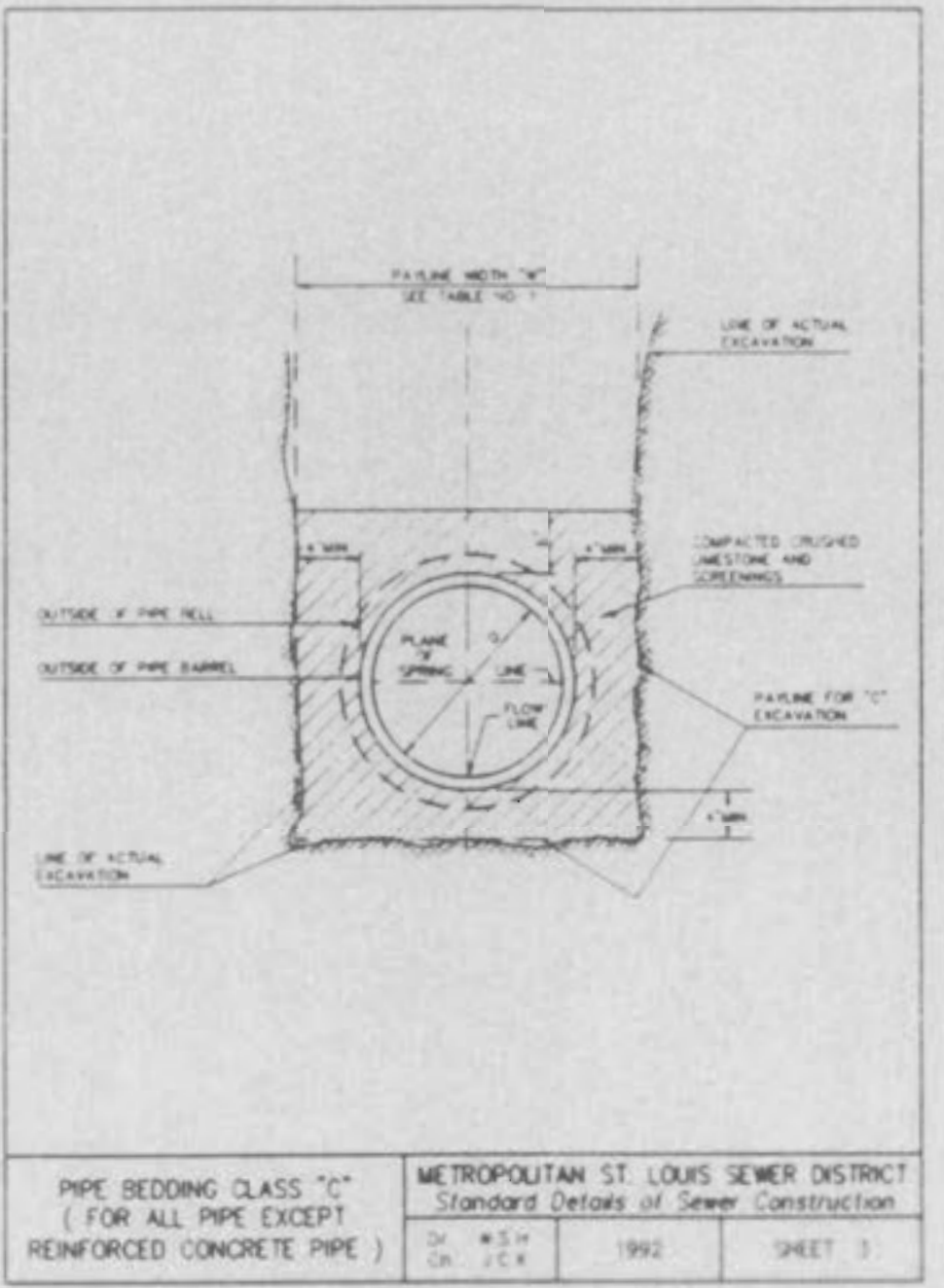
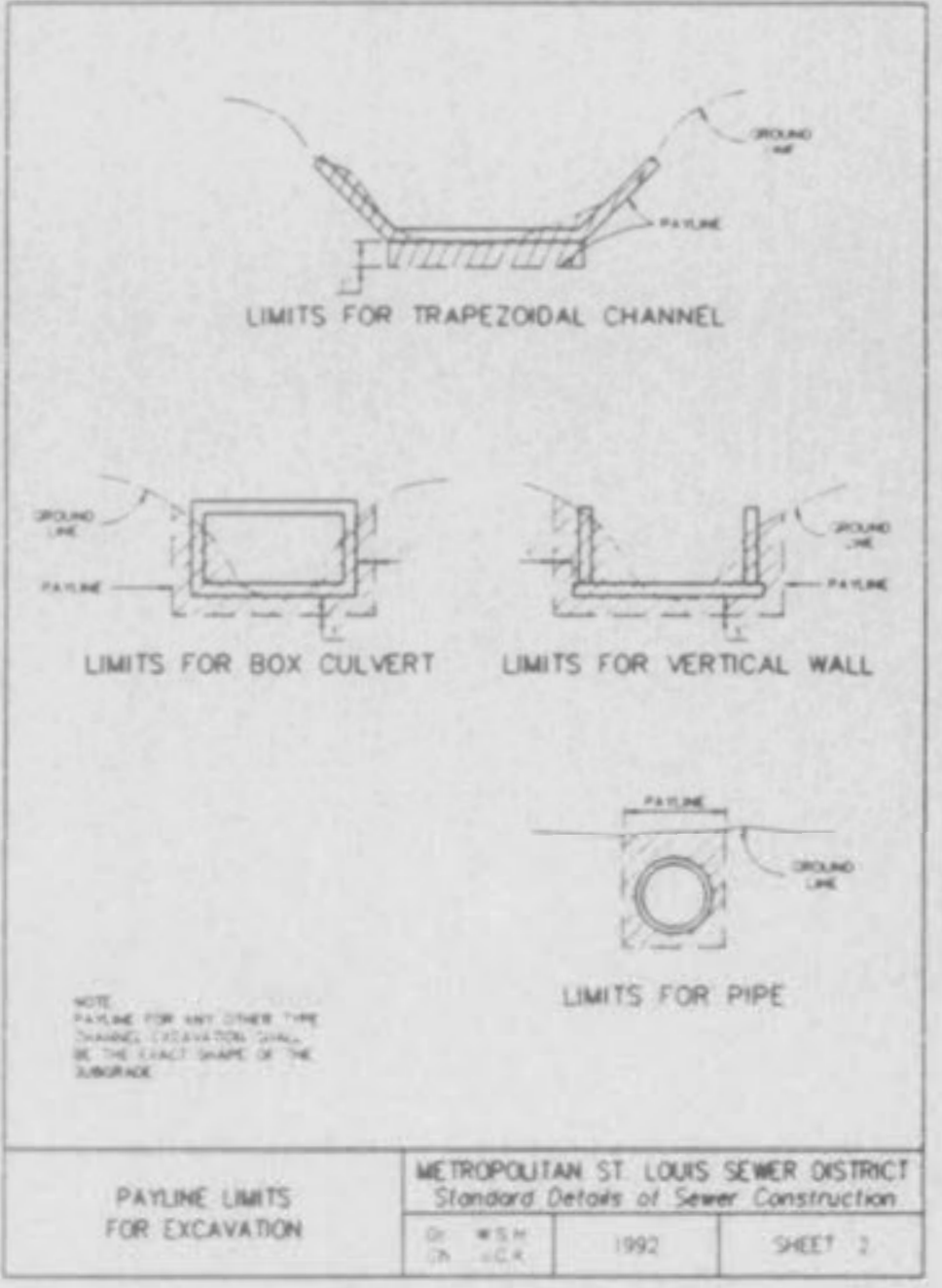


ROUND PIPE				HORIZONTAL ELLIPTICAL PIPE			
PIPE DIAMETER (INCHES)	PAVING DEPTH (FEET)	PAVING DEPTH (FEET)	CONCRETE ENCASEMENT (INCHES)	PAVING DEPTH (FEET)	PAVING DEPTH (FEET)	CONCRETE ENCASEMENT (INCHES)	CONCRETE ENCASEMENT (INCHES)
4	3.0	2.50	2.50				
6	3.0	2.50	2.50				
8	3.0	2.50	2.50				
12	3.0	2.50	2.50				
15	3.0	2.50	2.50				
18	3.0	2.75	2.75	14 x 22	17	2.42	2.84
21	3.0	2.75	2.75				
24	3.0	2.75	2.75	18 x 30	19	1.86	2.68
27	3.0	2.75	2.75	22 x 34	22	1.42	2.61
30	3.0	2.75	2.75	24 x 38	24	1.03	2.70
33	3.0	2.75	2.75	27 x 42	27	0.71	2.71
36	3.0	2.75	2.75	28 x 45	28	0.50	2.72
39	3.0	2.75	2.75	32 x 49	32	0.30	2.74
42	3.0	2.75	2.75	34 x 53	34	0.20	2.75
45	3.0	2.75	2.75	36 x 57	36	0.15	2.76
48	3.0	2.75	2.75	38 x 61	38	0.11	2.77
51	3.0	2.75	2.75	40 x 65	40	0.08	2.78
54	3.0	2.75	2.75	42 x 69	42	0.06	2.79
57	3.0	2.75	2.75	44 x 73	44	0.05	2.80
60	3.0	2.75	2.75	46 x 77	46	0.04	2.81
63	3.0	2.75	2.75	48 x 81	48	0.03	2.82
66	3.0	2.75	2.75	50 x 85	50	0.02	2.83
69	3.0	2.75	2.75	52 x 89	52	0.02	2.84
72	3.0	2.75	2.75	54 x 93	54	0.01	2.85
75	3.0	2.75	2.75	56 x 97	56	0.01	2.86
78	3.0	2.75	2.75	58 x 101	58	0.01	2.87
81	3.0	2.75	2.75	60 x 105	60	0.01	2.88
84	3.0	2.75	2.75	62 x 109	62	0.01	2.89
87	3.0	2.75	2.75	64 x 113	64	0.01	2.90
90	3.0	2.75	2.75	66 x 117	66	0.01	2.91
93	3.0	2.75	2.75	68 x 121	68	0.01	2.92
96	3.0	2.75	2.75	70 x 125	70	0.01	2.93
99	3.0	2.75	2.75	72 x 129	72	0.01	2.94
102	3.0	2.75	2.75	74 x 133	74	0.01	2.95
105	3.0	2.75	2.75	76 x 137	76	0.01	2.96
108	3.0	2.75	2.75	78 x 141	78	0.01	2.97
111	3.0	2.75	2.75	80 x 145	80	0.01	2.98
114	3.0	2.75	2.75	82 x 149	82	0.01	2.99
117	3.0	2.75	2.75	84 x 153	84	0.01	3.00
120	3.0	2.75	2.75	86 x 157	86	0.01	3.01
123	3.0	2.75	2.75	88 x 161	88	0.01	3.02
126	3.0	2.75	2.75	90 x 165	90	0.01	3.03
129	3.0	2.75	2.75	92 x 169	92	0.01	3.04
132	3.0	2.75	2.75	94 x 173	94	0.01	3.05
135	3.0	2.75	2.75	96 x 177	96	0.01	3.06
138	3.0	2.75	2.75	98 x 181	98	0.01	3.07
141	3.0	2.75	2.75	100 x 185	100	0.01	3.08

TABLE 1
PAYLINE WIDTHS OF TRENCH AND PAY-QUANTITIES OF CONCRETE

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction
D. W. S. H. 1992 SHEET 1



SECTION OF MANHOLE		DIMENSION
TOP TRANSITION	UPPER	26 1/2" DIA.
	LOWER	42" DIA.
BOTTOM SECTION	8" THRU 24" DIA. PIPE	42" DIA.
	27" THRU 36" DIA. PIPE	42" SQUARE

TABLE NO. 2
STANDARD MANHOLE DIMENSIONS

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction
D. W. S. H. 1992 SHEET 7

