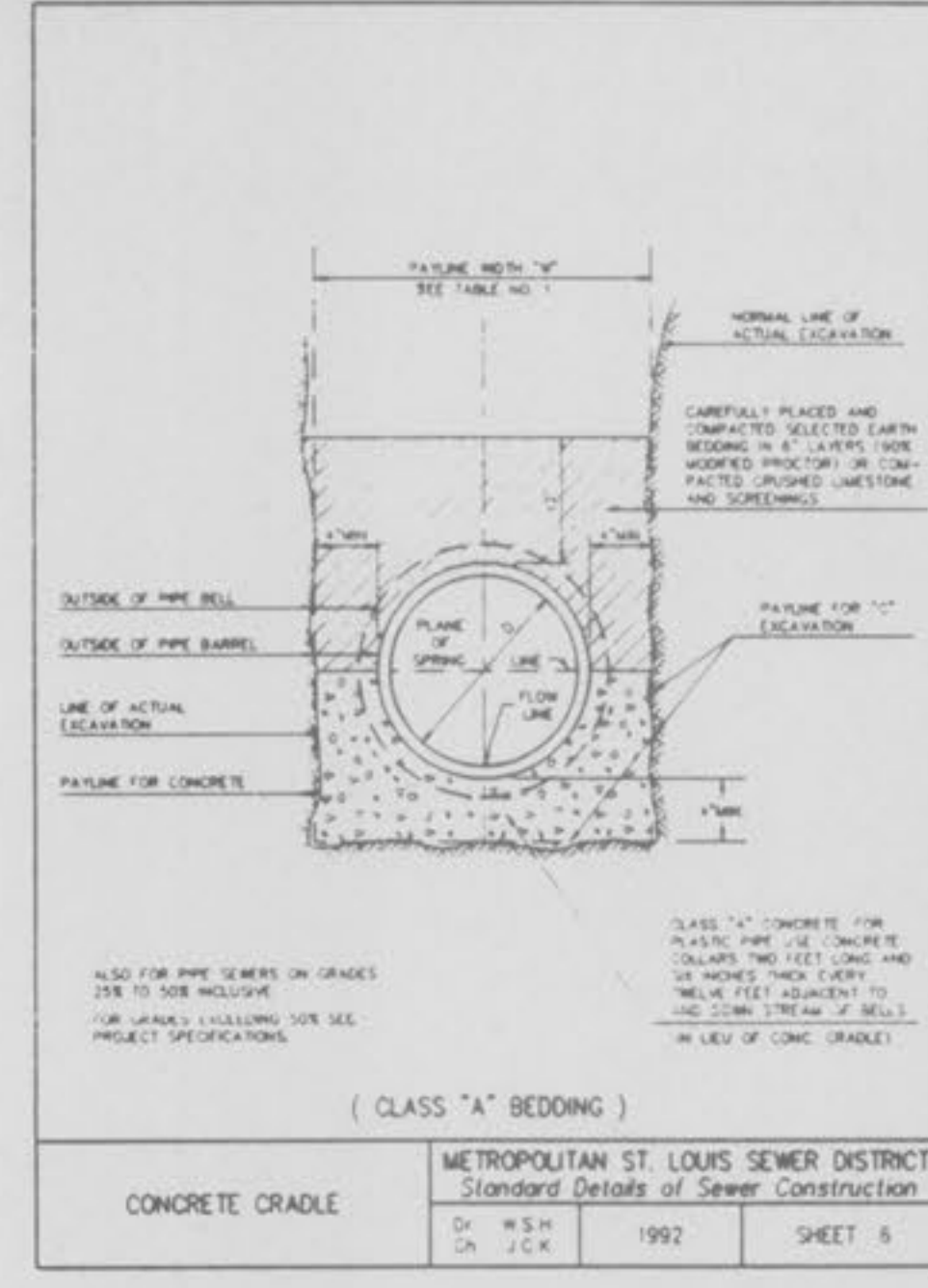
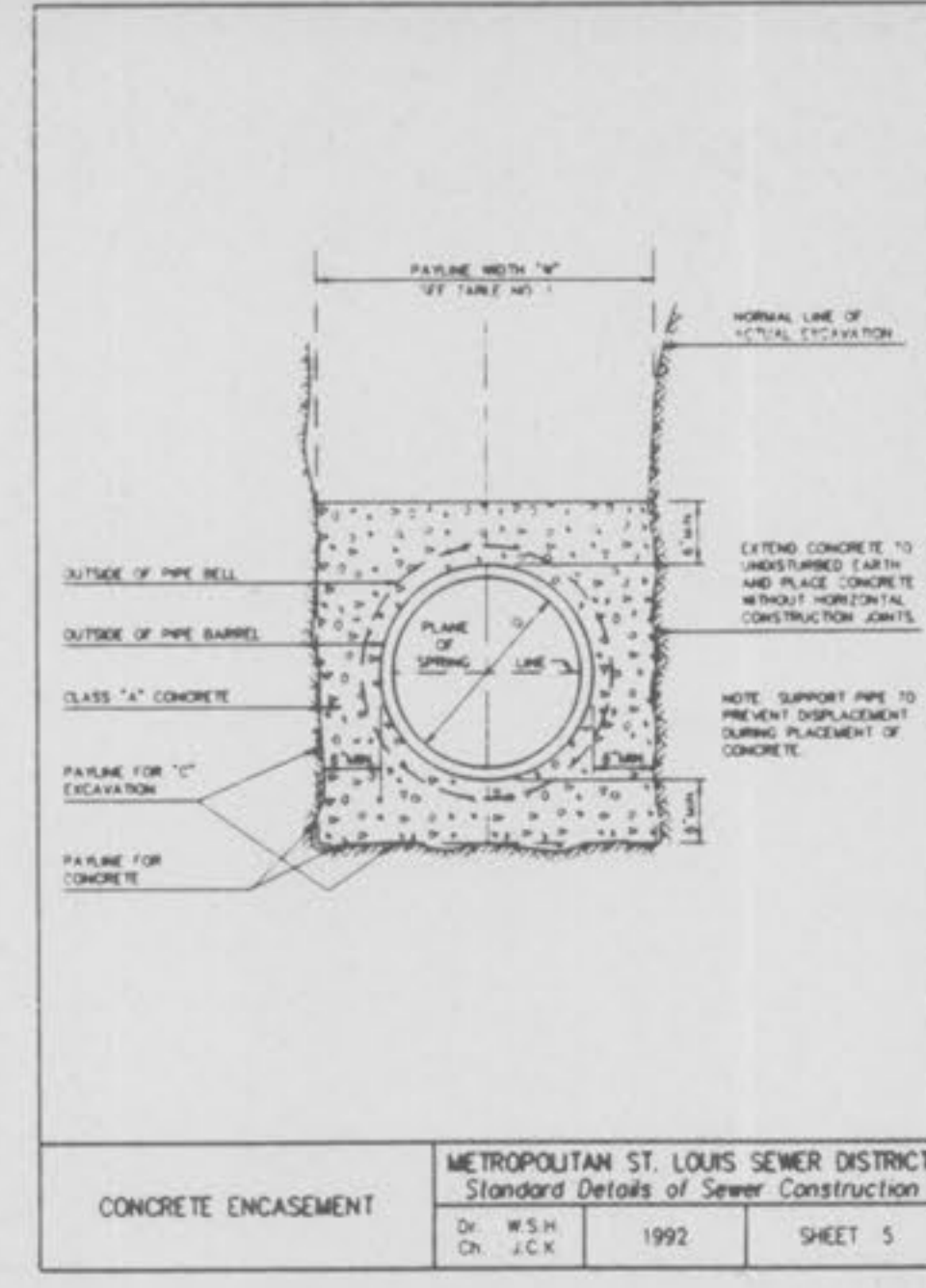
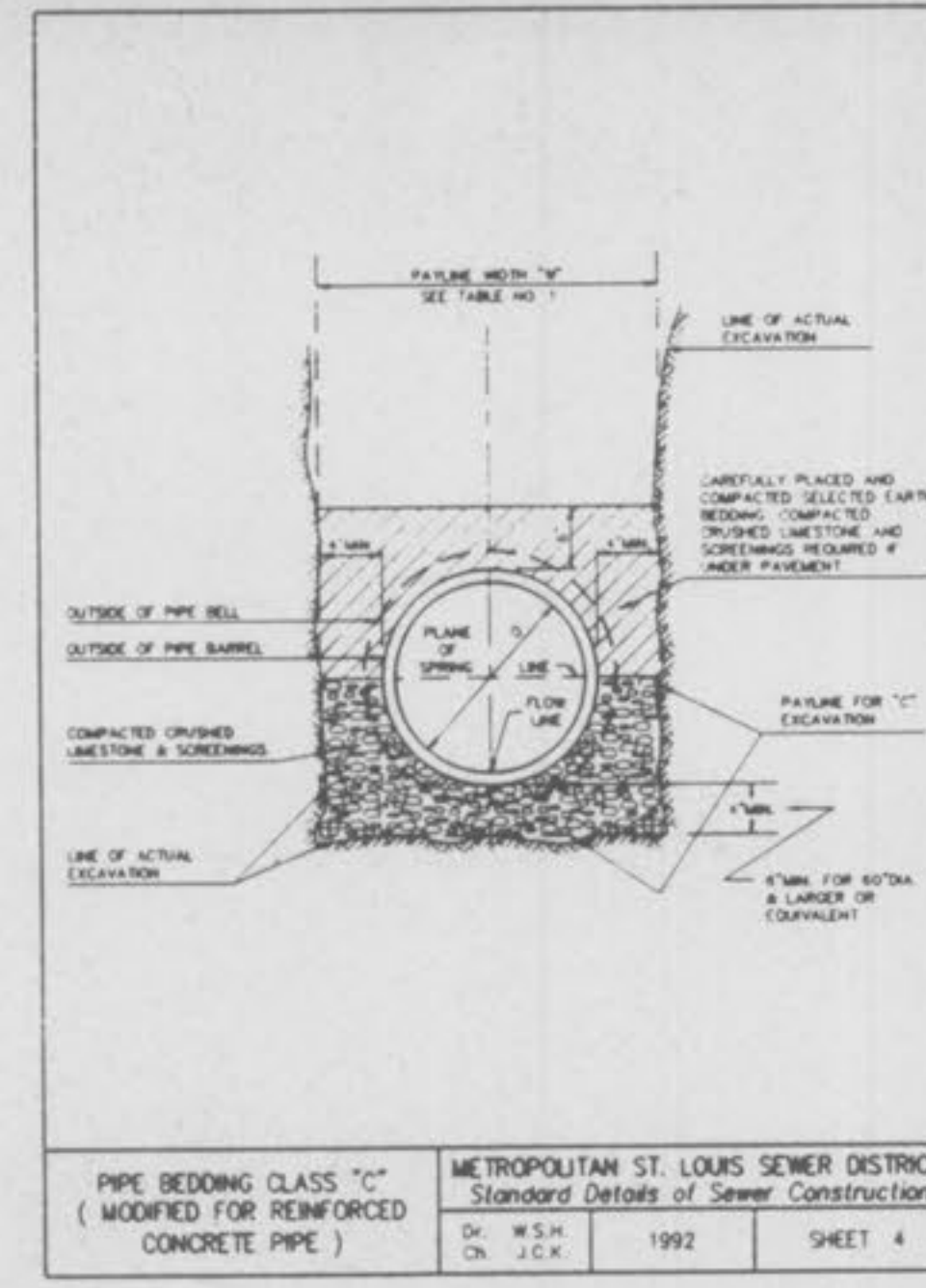
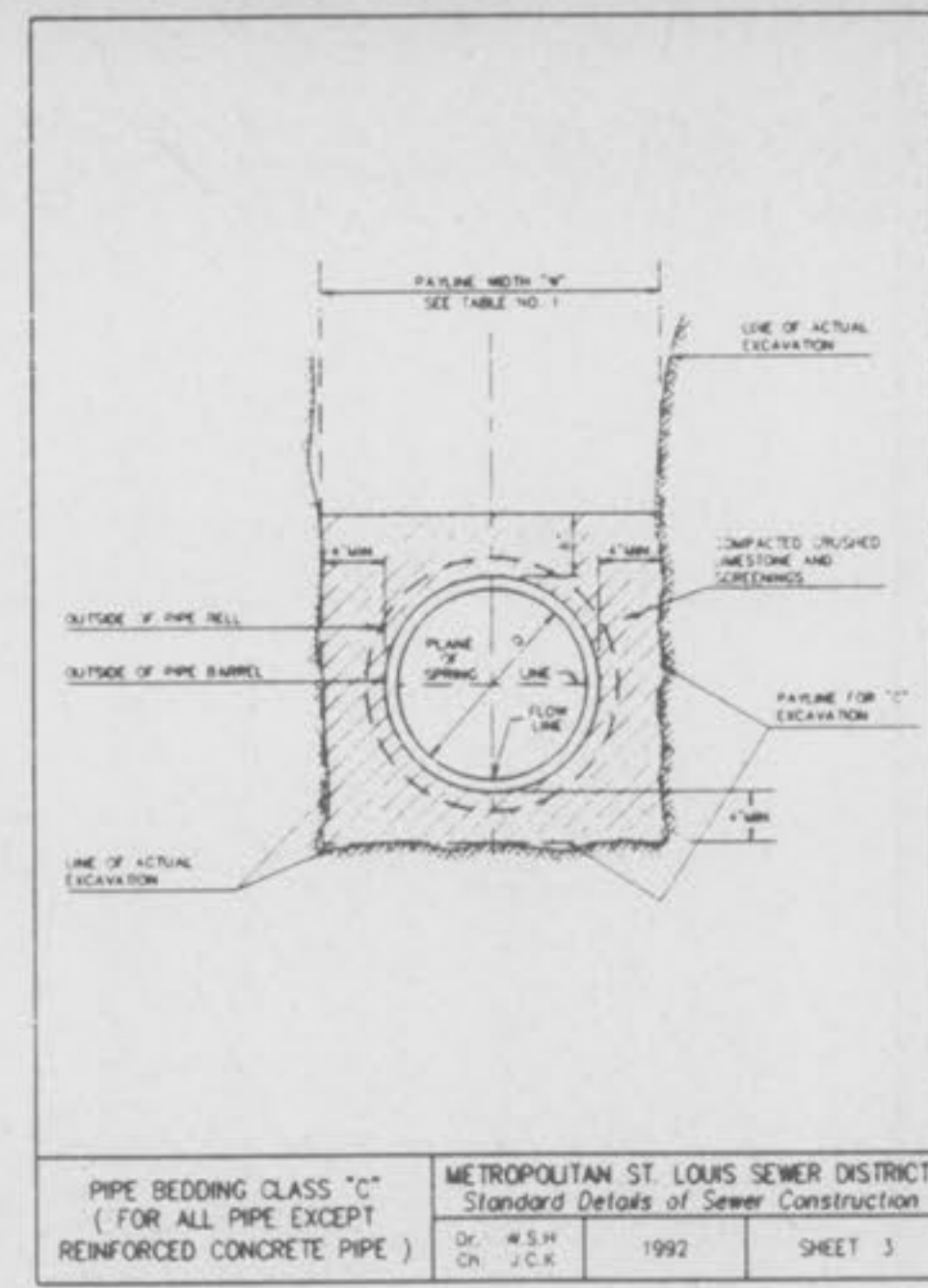
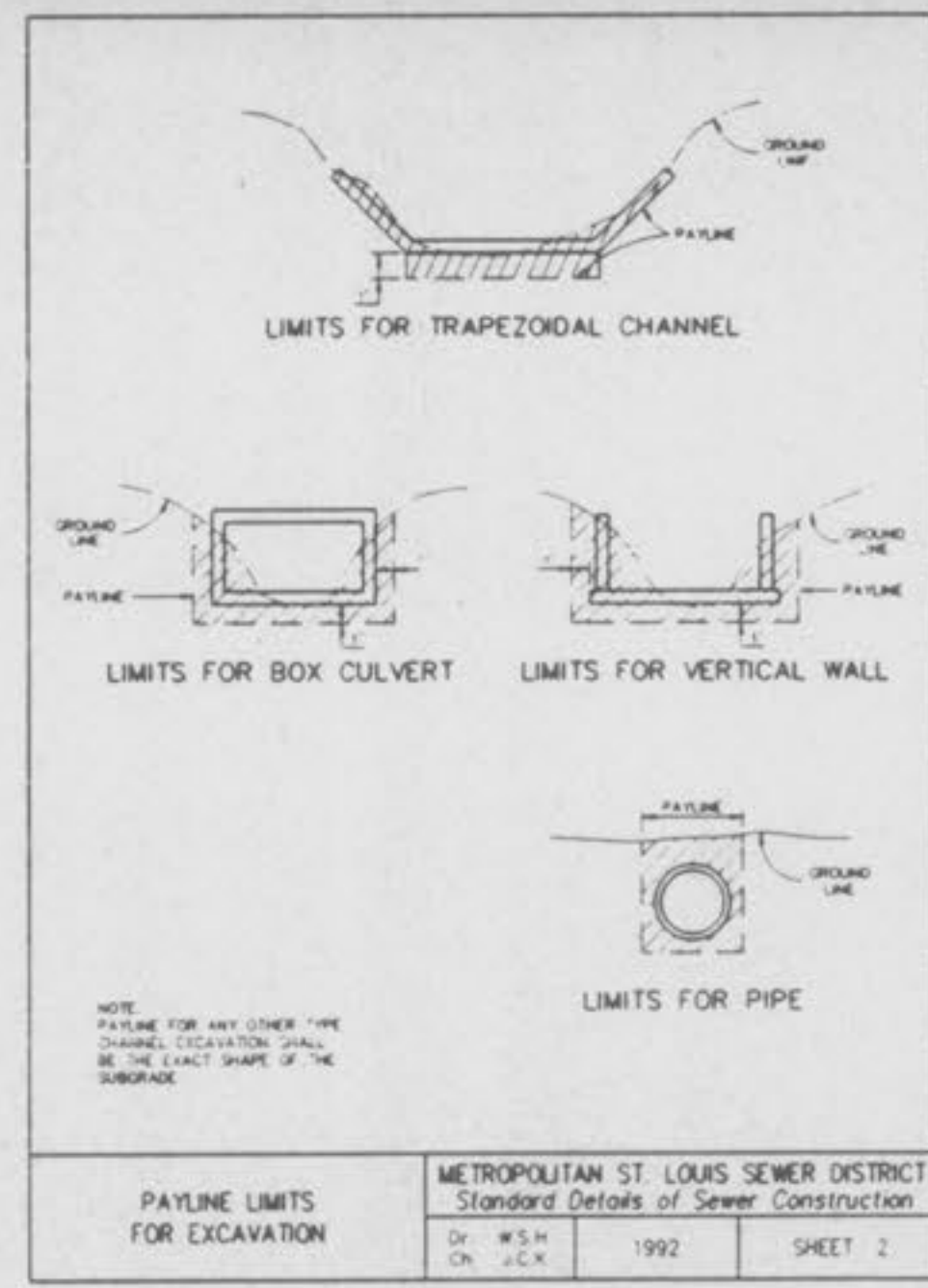


ROUND PIPE				HORIZONTAL ELLIPTICAL PIPE			
PIPE DIAMETER (INCHES)	PAVEMENT WIDTH OF TRENCH (INCHES)	PAVEMENT WIDTH OF TRENCH (FEET)	PAVEMENT WIDTH OF TRENCH (FEET)	PAVEMENT WIDTH OF TRENCH (INCHES)	PAVEMENT WIDTH OF TRENCH (FEET)	PAVEMENT WIDTH OF TRENCH (FEET)	PAVEMENT WIDTH OF TRENCH (FEET)
4	30	2.50	2.28				
6	30	2.50	2.28				
8	30	2.50	2.28				
10	30	2.50	2.28				
12	30	2.50	2.28				
15	36	3.00	2.75				
18	36	3.00	2.75	14 x 23	41	2.42	2.14
21	36	3.00	2.75				
24	42	3.50	3.25	18 x 30	48	3.08	2.78
27	42	3.50	3.25	22 x 34	52	3.42	3.08
30	48	4.00	3.75	24 x 38	58	3.83	3.47
33	48	4.00	3.75	27 x 42	62	4.17	3.71
36	48	4.00	3.75	28 x 45	64	4.30	3.84
39	54	4.50	4.25	32 x 49	71	4.82	4.34
42	54	4.50	4.25	34 x 53	75	5.16	4.68
48	60	5.00	4.75	38 x 60	83	5.82	5.38
54	66	5.50	5.25	42 x 66	91	6.48	5.98
60	72	6.00	5.75	48 x 78	101	7.24	6.68
66	78	6.50	6.25	53 x 83	109	8.00	7.44
72	84	7.00	6.75	58 x 91	118	8.83	8.24
78	90	7.50	7.25	63 x 96	126	9.59	8.94
84	96	8.00	7.75	68 x 108	135	10.42	9.74
90	102	8.50	8.25	72 x 113	143	11.24	10.54
96	108	9.00	8.75	77 x 120	152	12.07	11.34
102	114	9.50	9.25	82 x 126	160	12.90	12.14
108	120	10.00	9.75	87 x 138	168	13.73	12.94
114	126	10.50	10.25	92 x 143	176	14.56	13.74
120	132	11.00	10.75	97 x 151	185	15.39	14.54
126	138	11.50	11.25	102 x 156	193	16.22	15.34
132	144	12.00	11.75	106 x 166	202	17.05	16.14
144	156	13.00	12.75	116 x 180	216	18.71	17.54

TABLE 1
PAVEMENT WIDTHS OF TRENCH AND PAVEMENT QUANTITIES OF CONCRETE
METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction
D. B. E. B. 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. R. G. W. 1992 SHEET 7

