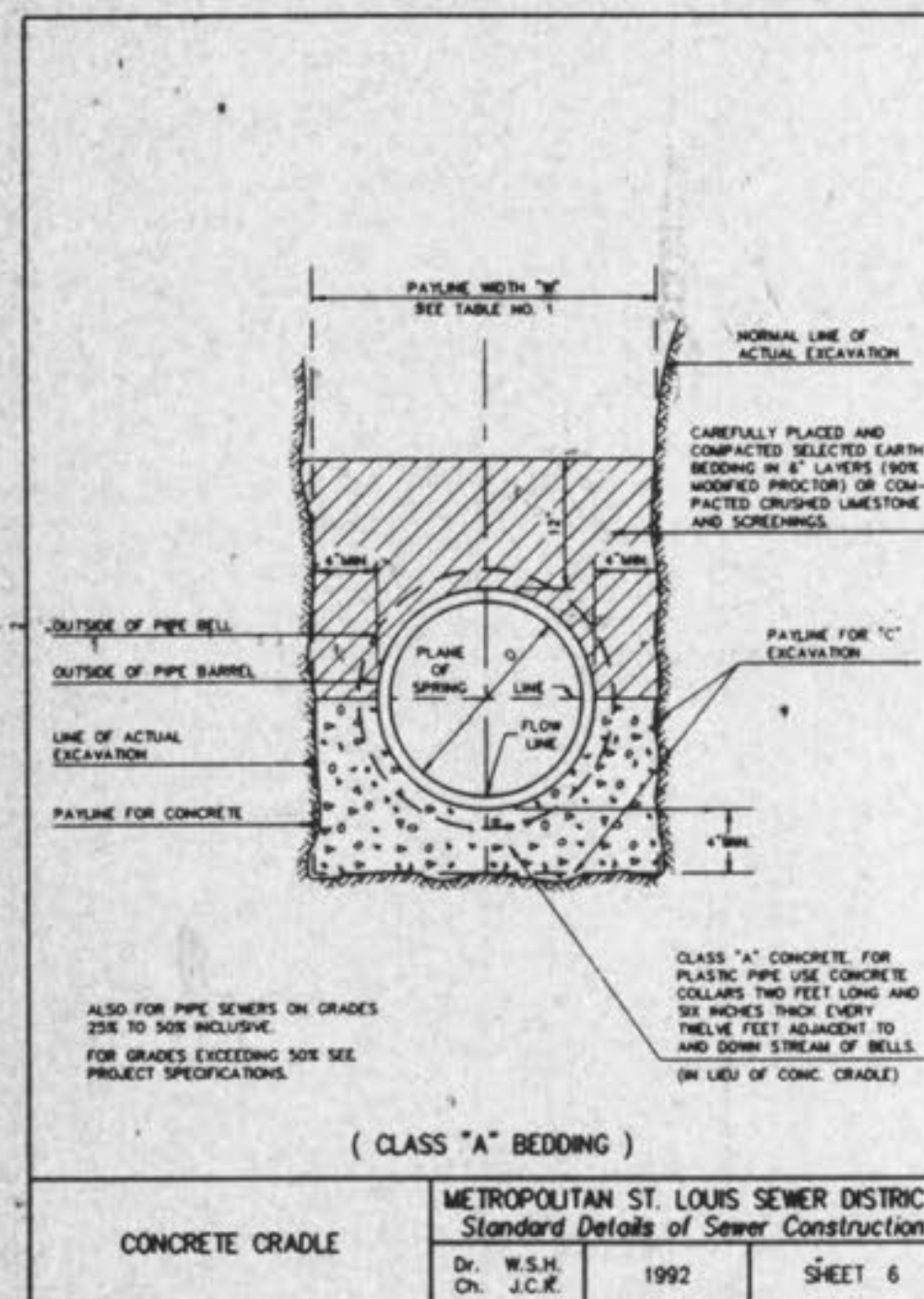
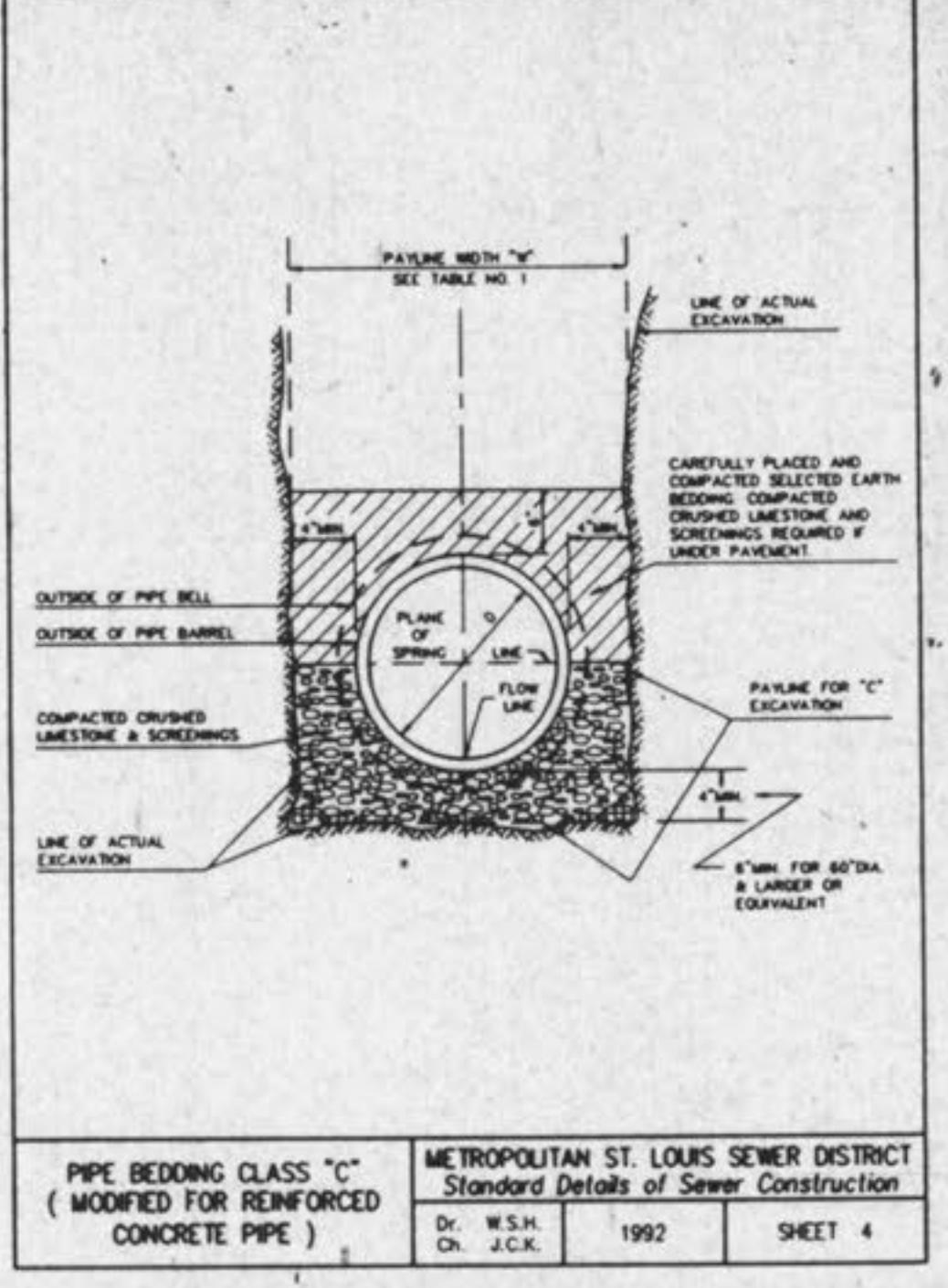
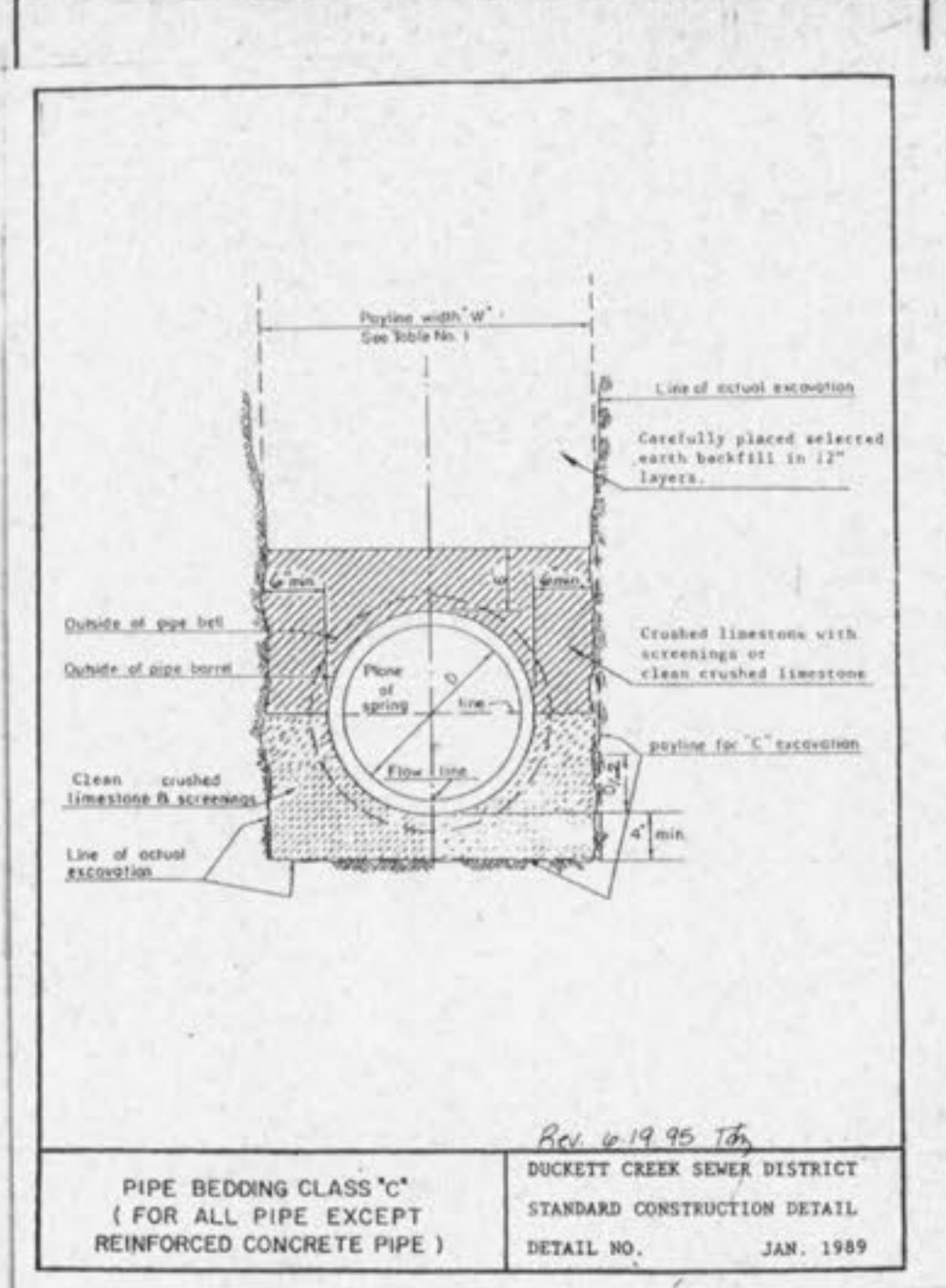
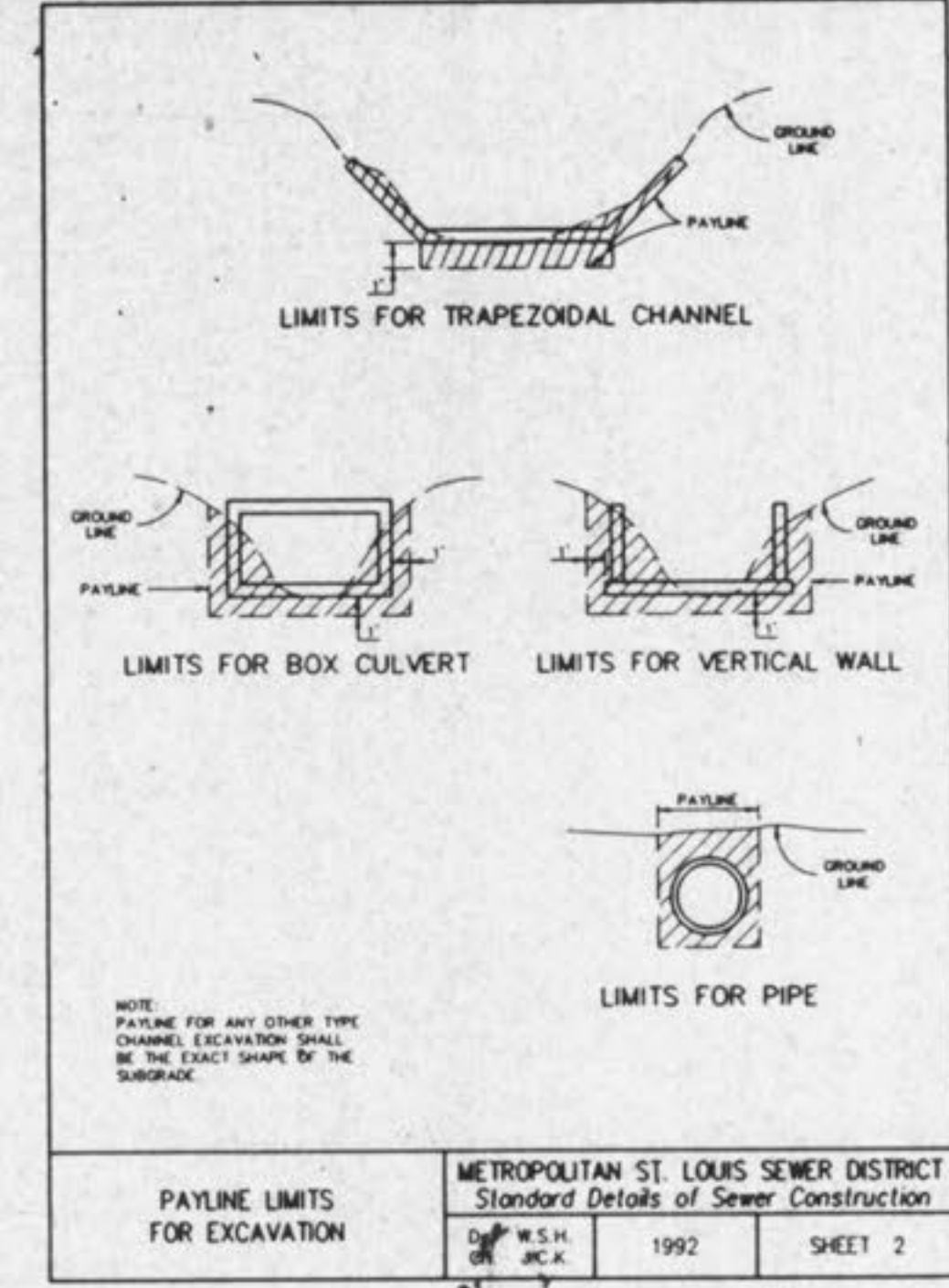


ROUND PIPE				HORIZONTAL ELLIPTICAL PIPE			
PIPE DIAMETER (INCHES)	PAVLINE WIDTH OF TRENCH (INCHES)	PAVLINE WIDTH OF TRENCH (FEET)	PAV. QUANT. CONCRETE ENCASUREMENT (CU. FT. PER FT.)	PIPE DIMENSIONS (INCHES)	PAVLINE WIDTH OF TRENCH (INCHES)	PAVLINE WIDTH OF TRENCH (FEET)	PAV. QUANT. CONCRETE ENCASUREMENT (CU. FT. PER FT.)
4	30	2.50	3.28				
6	30	2.50	3.59				
8	30	2.50	3.87				
10	30	2.50	4.09				
12	30	2.50	4.25				
15	36	3.00	5.55				
18	36	3.00	5.77	14 x 23	41	3.42	5.94
21	36	3.25	6.41				
24	42	3.50	7.39	19 x 30	49	4.06	7.66
27	42	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	48	4.42	10.53	27 x 42	63	5.17	10.71
36	54	4.87	11.43	29 x 45	66	5.50	11.72
DISCONTINUED							
39	63	5.25	13.28	32 x 49	71	5.92	13.14
42	63	5.63	15.87	36 x 60	83	6.92	16.18
48	72	6.42	18.13	42 x 68	92	7.87	18.81
54	84	7.00	20.73	48 x 76	100	8.42	21.59
60	91	7.58	23.45	53 x 83	109	9.08	24.35
72	96	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	106 x 166	202	16.83	64.48
132	168	14.00	63.27	108 x 168	209	18.17	73.59
144	182	15.17	72.49	118 x 185	229	18.17	73.59

TABLE 1
 PAYLINE WIDTHS OF TRENCH AND PAV. QUANTITIES OF CONCRETE
 METROPOLITAN ST. LOUIS SEWER DISTRICT
 Standard Details of Sewer Construction
 Dr. B.E.B. Ch. J.C.K. 1992 SHEET 1



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

TABLE NO. 2
 STANDARD MANHOLE DIMENSIONS

METROPOLITAN ST. LOUIS SEWER DISTRICT
 Standard Details of Sewer Construction
 Dr. R.G.W. Ch. J.C.K. 1992 SHEET 7

