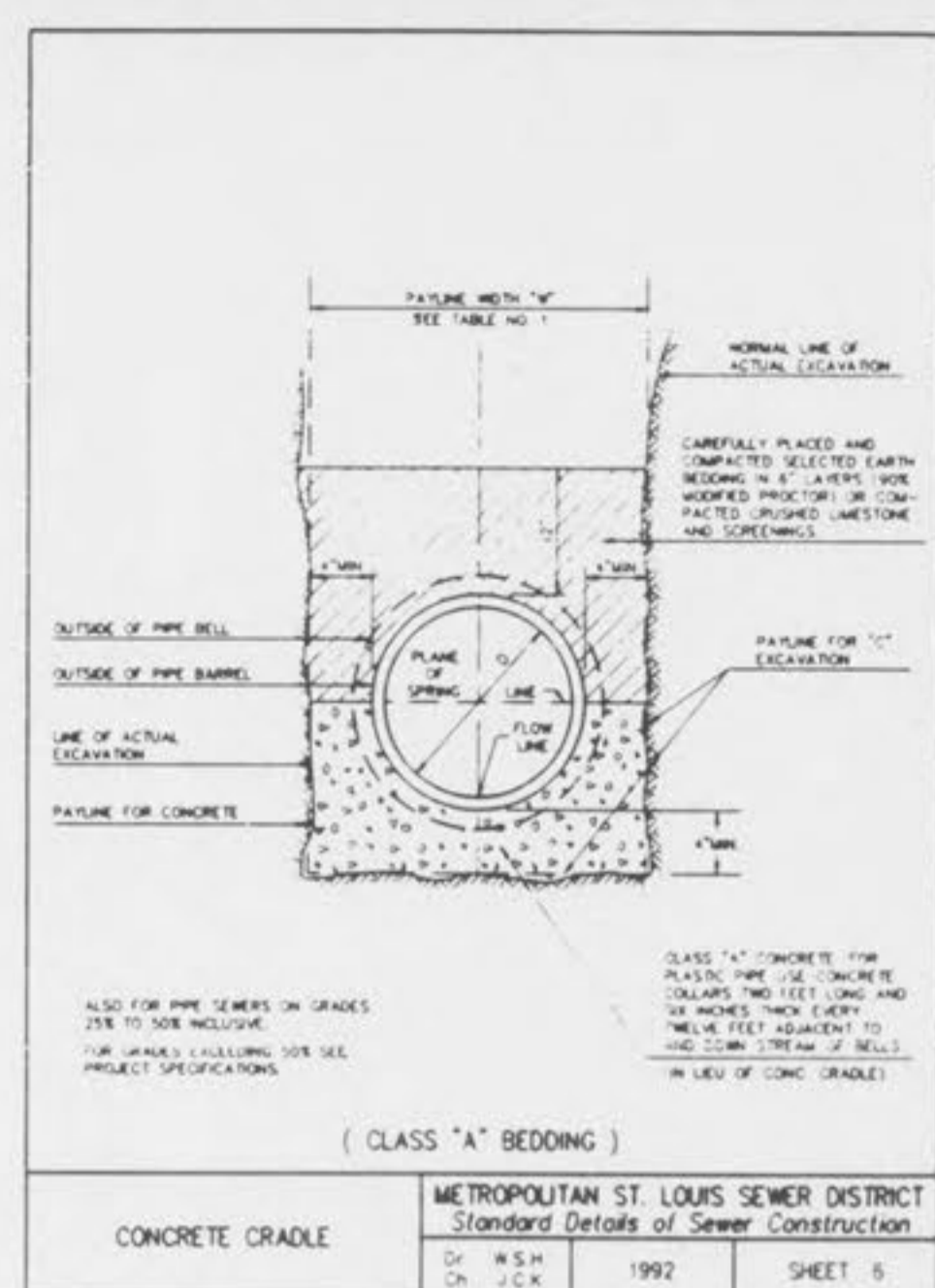
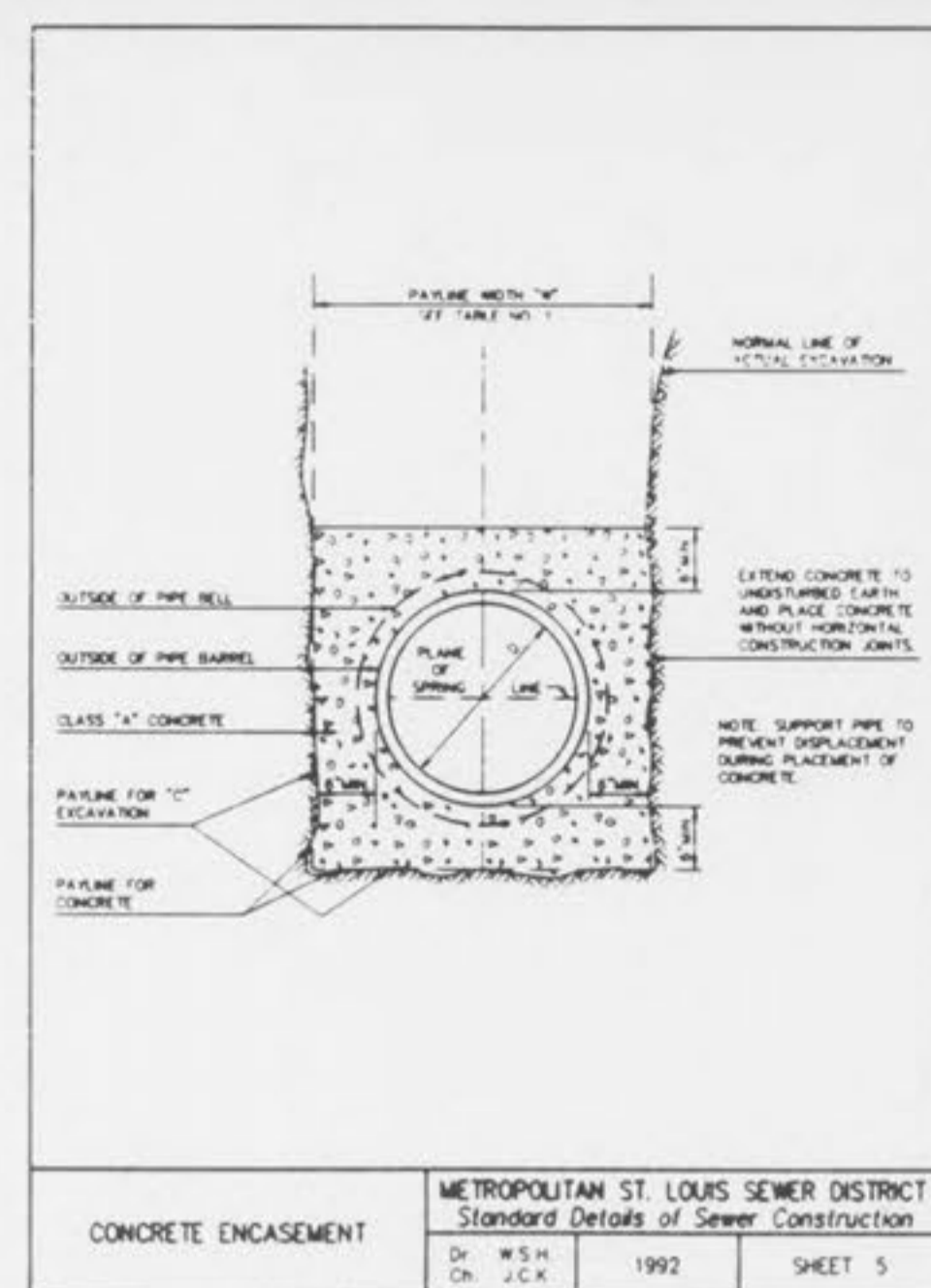
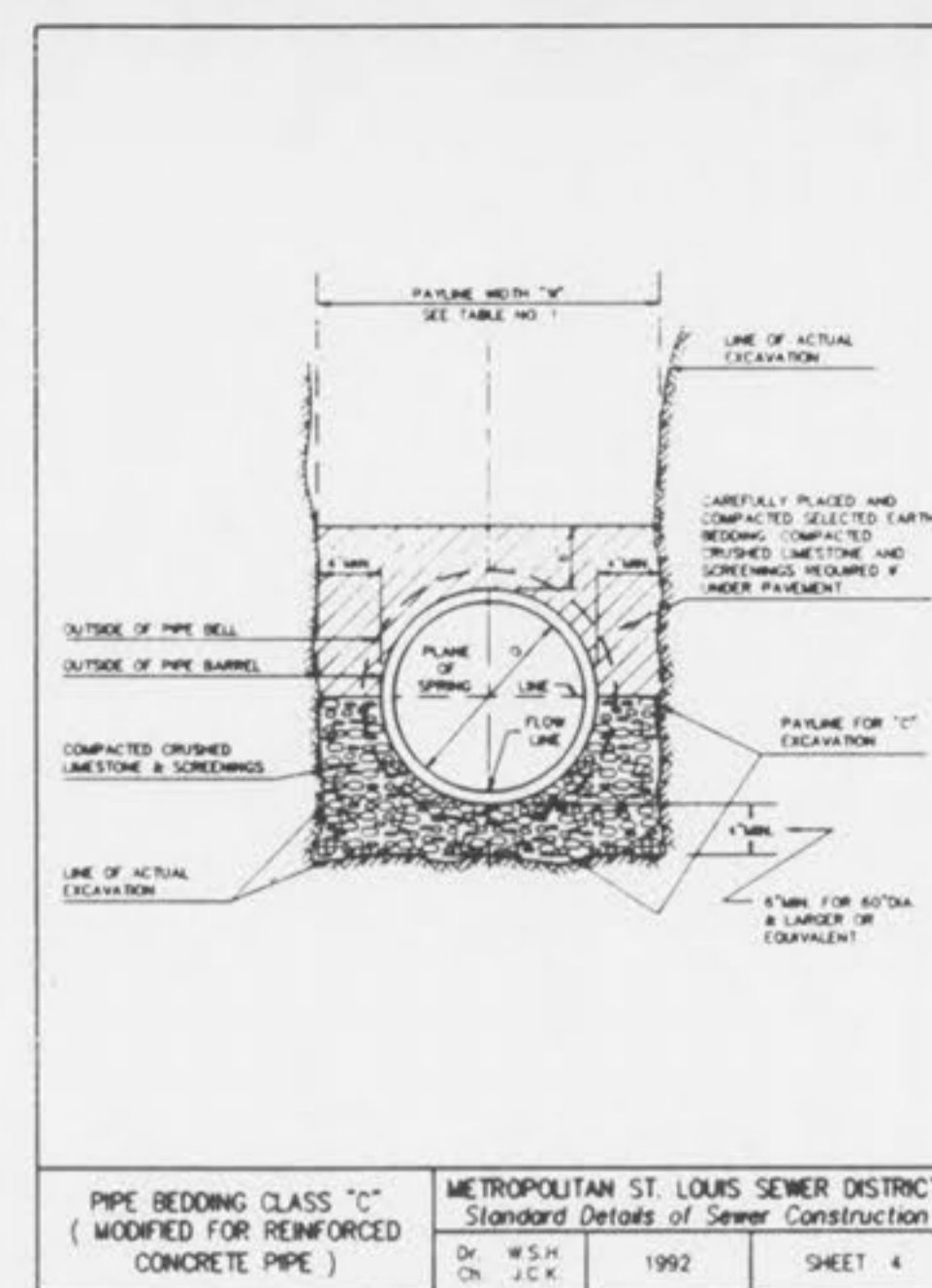
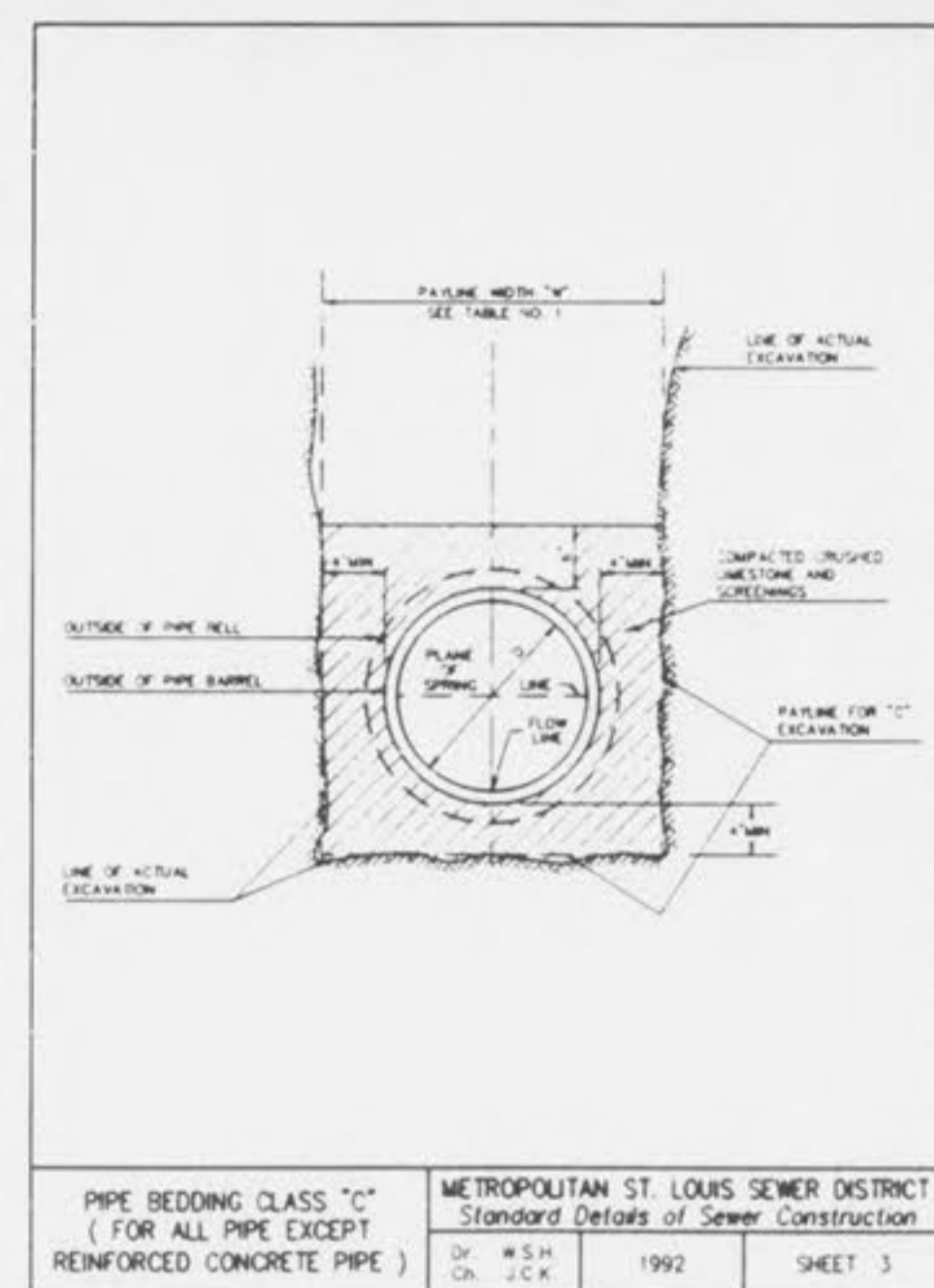
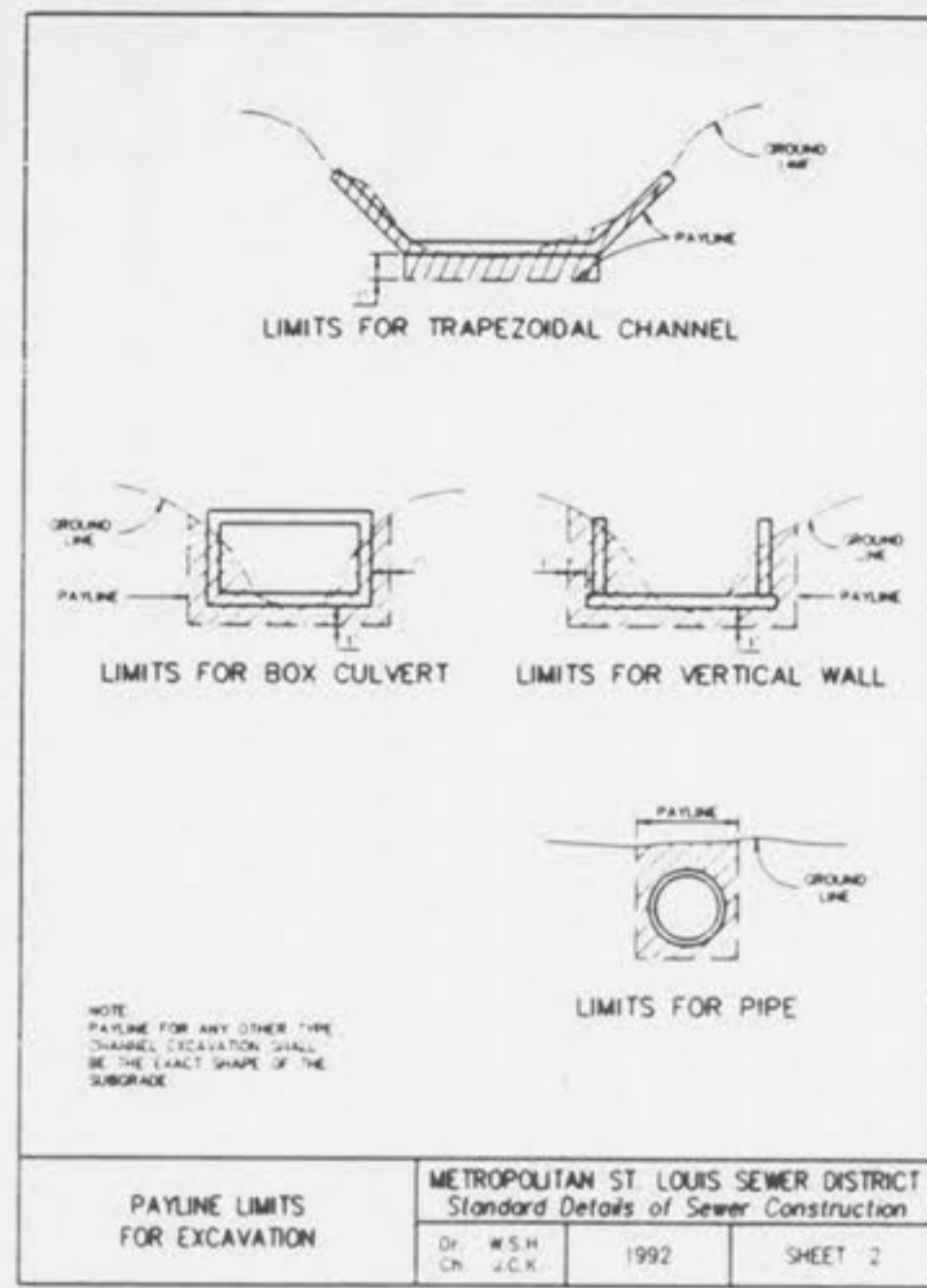


ROUND PIPE				HORIZONTAL ELLIPTICAL PIPE			
DIAMETER OF PIPE (INCHES)	"T" PAYLINE WIDTH OF TRENCH (INCHES)	"T" PAYLINE WIDTH OF TRENCH (FEET)	PAY-VOLUMES (CU FT PER FT)	INSIDE DIMENSIONS OF PIPE (INCHES)	"T" PAYLINE WIDTH OF TRENCH (INCHES)	"T" PAYLINE WIDTH OF TRENCH (FEET)	PAY-VOLUMES (CU FT PER FT)
4	30	2.50	3.28				
6	30	2.50	5.58				
8	30	2.50	7.87				
10	30	2.50	10.17				
12	30	2.50	12.46				
14	36	3.00	14.75				
16	36	3.00	17.05				
18	36	3.00	19.34				
20	36	3.00	21.64				
22	36	3.00	23.93				
24	42	3.50	26.23				
26	42	3.50	28.52				
28	42	3.50	30.82				
30	42	3.50	33.11				
32	42	3.50	35.41				
34	48	4.00	37.70				
36	48	4.00	40.00				
38	48	4.00	42.29				
40	48	4.00	44.59				
42	48	4.00	46.88				
44	48	4.00	49.18				
46	48	4.00	51.47				
48	48	4.00	53.77				
50	48	4.00	56.06				
52	48	4.00	58.36				
54	48	4.00	60.65				
56	48	4.00	62.95				
58	48	4.00	65.24				
60	48	4.00	67.54				
62	48	4.00	69.83				
64	48	4.00	72.13				
66	48	4.00	74.42				
68	48	4.00	76.72				
70	48	4.00	79.01				
72	48	4.00	81.31				
74	48	4.00	83.60				
76	48	4.00	85.90				
78	48	4.00	88.19				
80	48	4.00	90.49				
82	48	4.00	92.78				
84	48	4.00	95.08				
86	48	4.00	97.37				
88	48	4.00	99.67				
90	48	4.00	101.96				
92	48	4.00	104.26				
94	48	4.00	106.55				
96	48	4.00	108.85				
98	48	4.00	111.14				
100	48	4.00	113.44				
102	48	4.00	115.73				
104	48	4.00	118.03				
106	48	4.00	120.32				
108	48	4.00	122.62				
110	48	4.00	124.91				
112	48	4.00	127.21				
114	48	4.00	129.50				
116	48	4.00	131.80				
118	48	4.00	134.09				
120	48	4.00	136.39				
122	48	4.00	138.68				
124	48	4.00	140.98				
126	48	4.00	143.27				
128	48	4.00	145.57				
130	48	4.00	147.86				
132	48	4.00	150.16				
134	48	4.00	152.45				
136	48	4.00	154.75				
138	48	4.00	157.04				
140	48	4.00	159.34				

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

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction
Dr. W.S.H. ON J.C.K. 1992 SHEET 1



SECTION OF MANHOLE		DIMENSION	
TOP SECTION	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
Dr. W.S.H. ON J.C.K. 1992 SHEET 7

