

ISSUE	REMARKS/DATE
1	05-14-03 1st Submittal
2	05-24-03 City of Offalton Comments

McBride & Son Home, Inc.
#1 McBride & Son Center Drive
Chesterfield, Missouri 63005
(636) 537-2000

PREPARED FOR:



PREPARED BY:

STERLING CO.
ENGINEERS & SURVEYORS
505 NEW BAUMGARTNER ROAD
ST. LOUIS, MISSOURI 63129
(314) 447-0440 FAX: 487-8944
E-Mail: Sterling@conestl.net

PREPARED FOR:



PREPARED BY:

BRIARCHASE PHASE TWO
CONSTRUCTION DETAILS
PROJECT: #0203043
DESIGNED: 02/03/2003
CHECKED: 02/03/2003
DRAWN: 02/03/2003

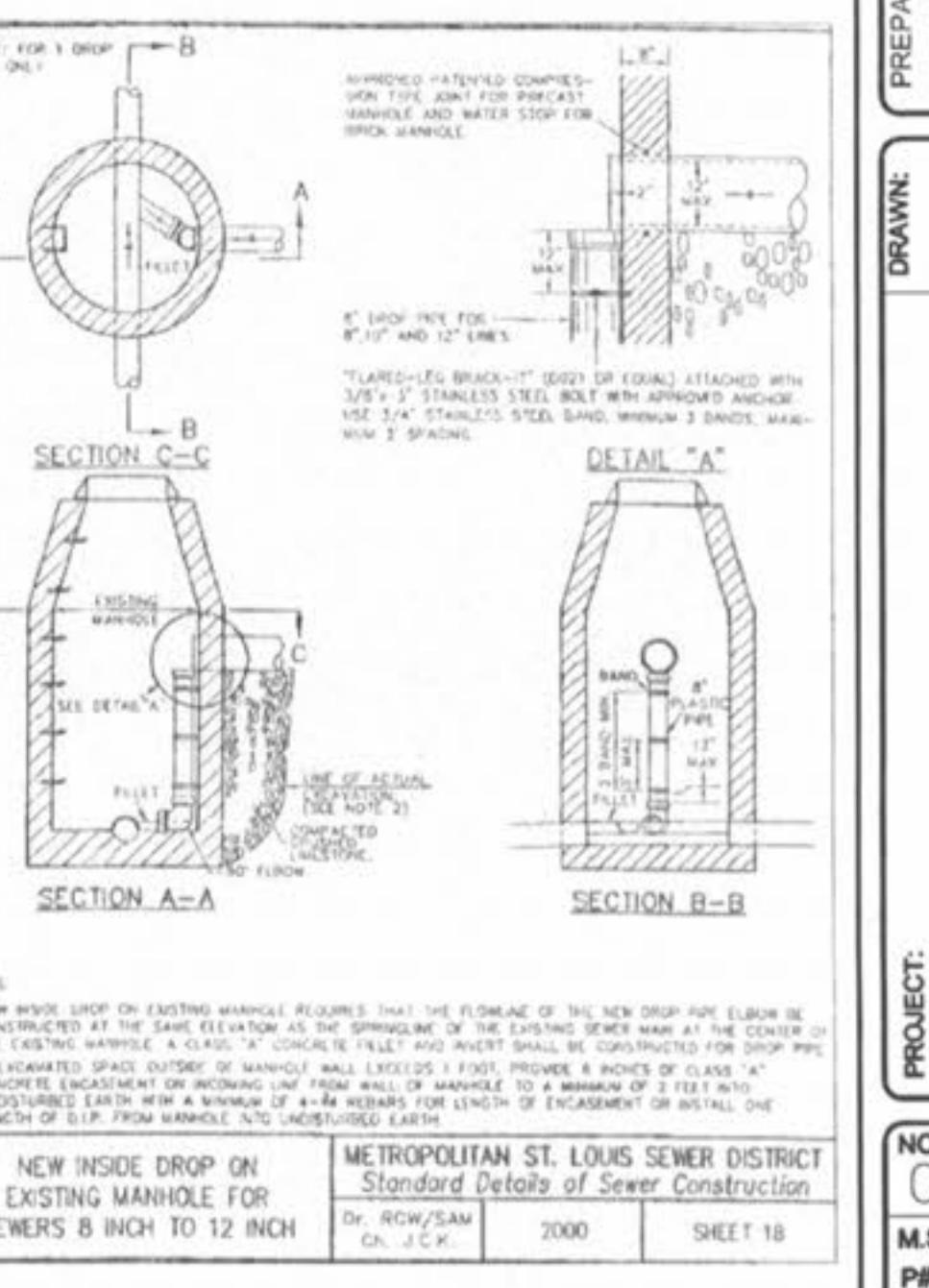
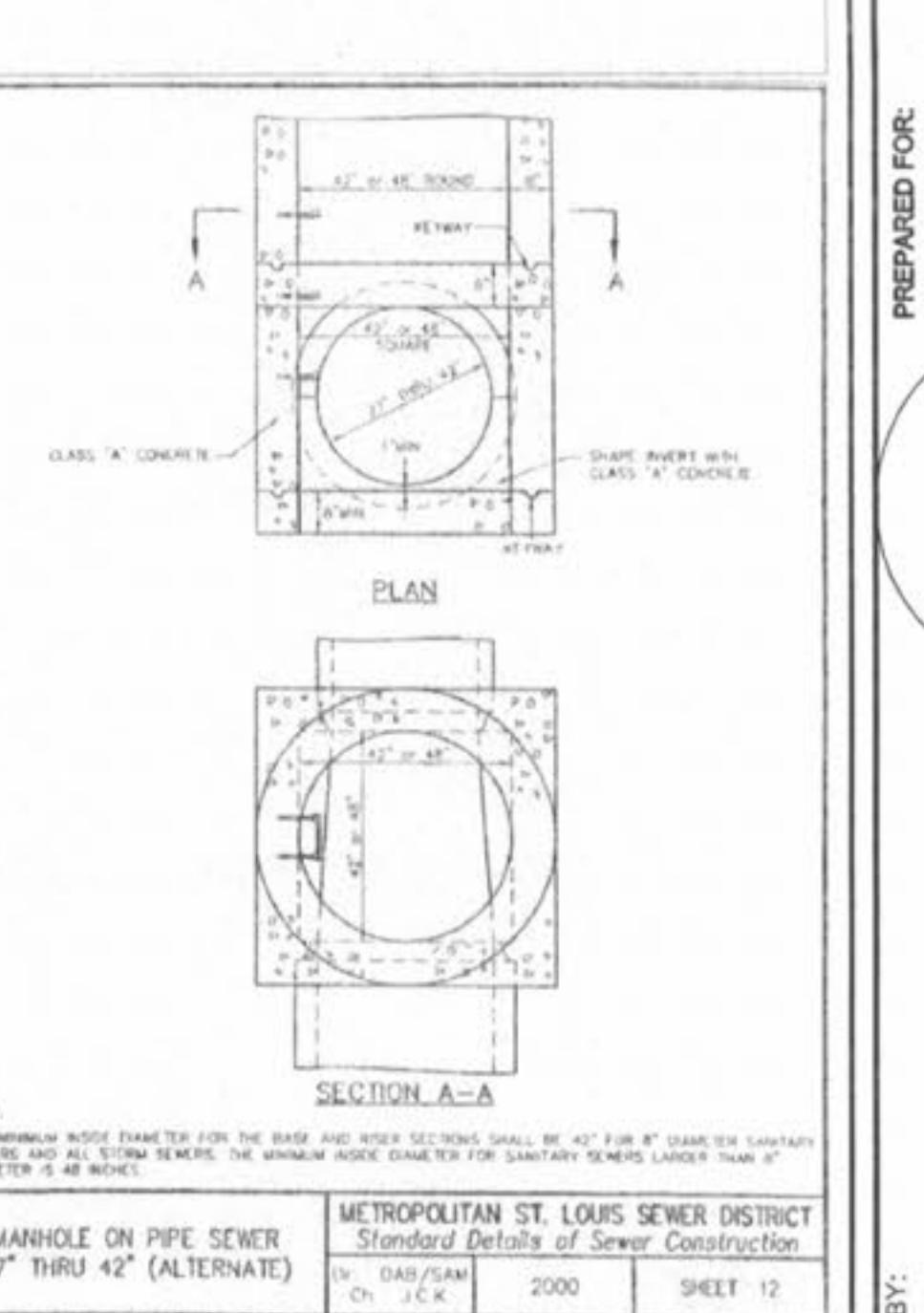
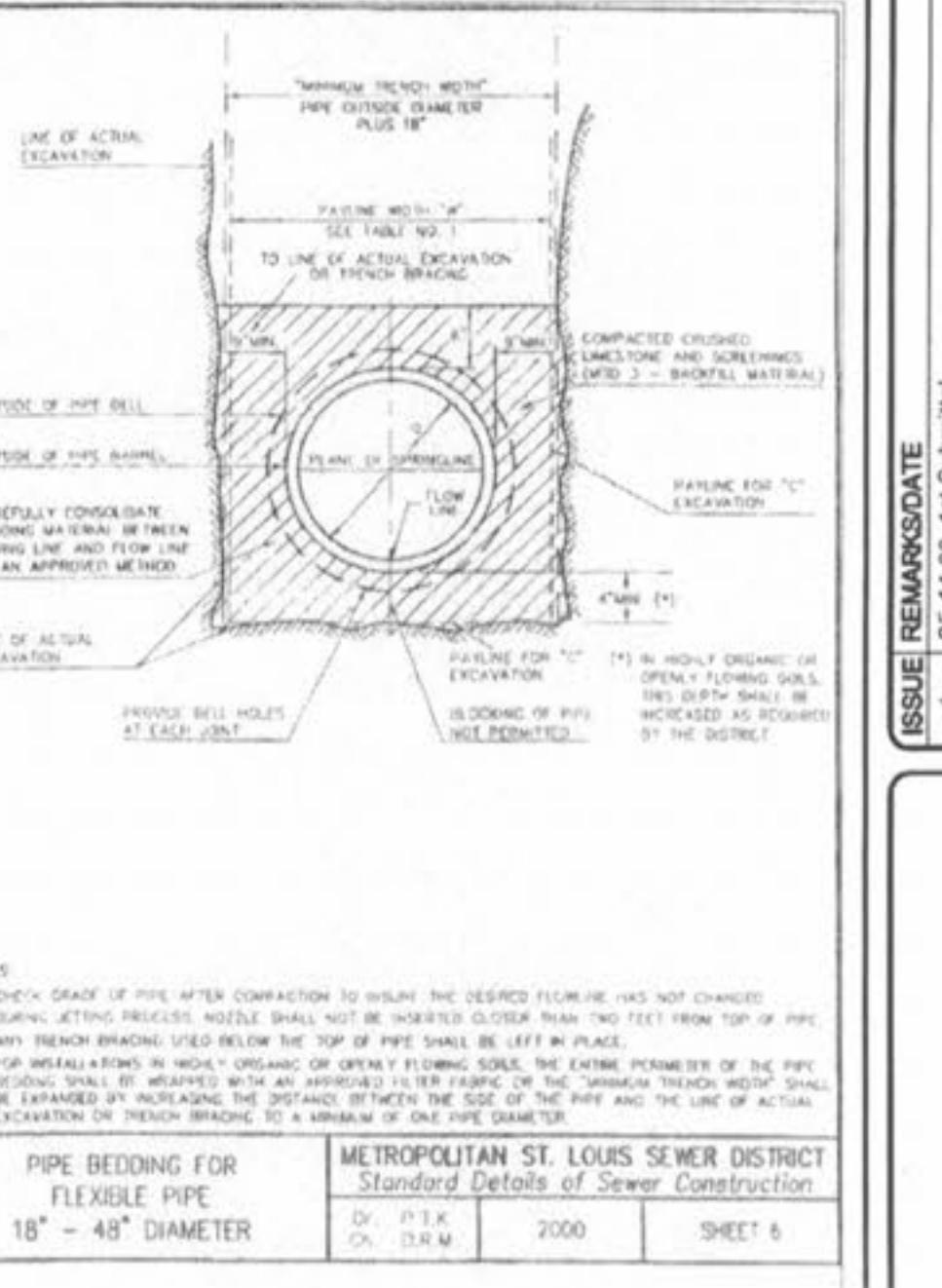
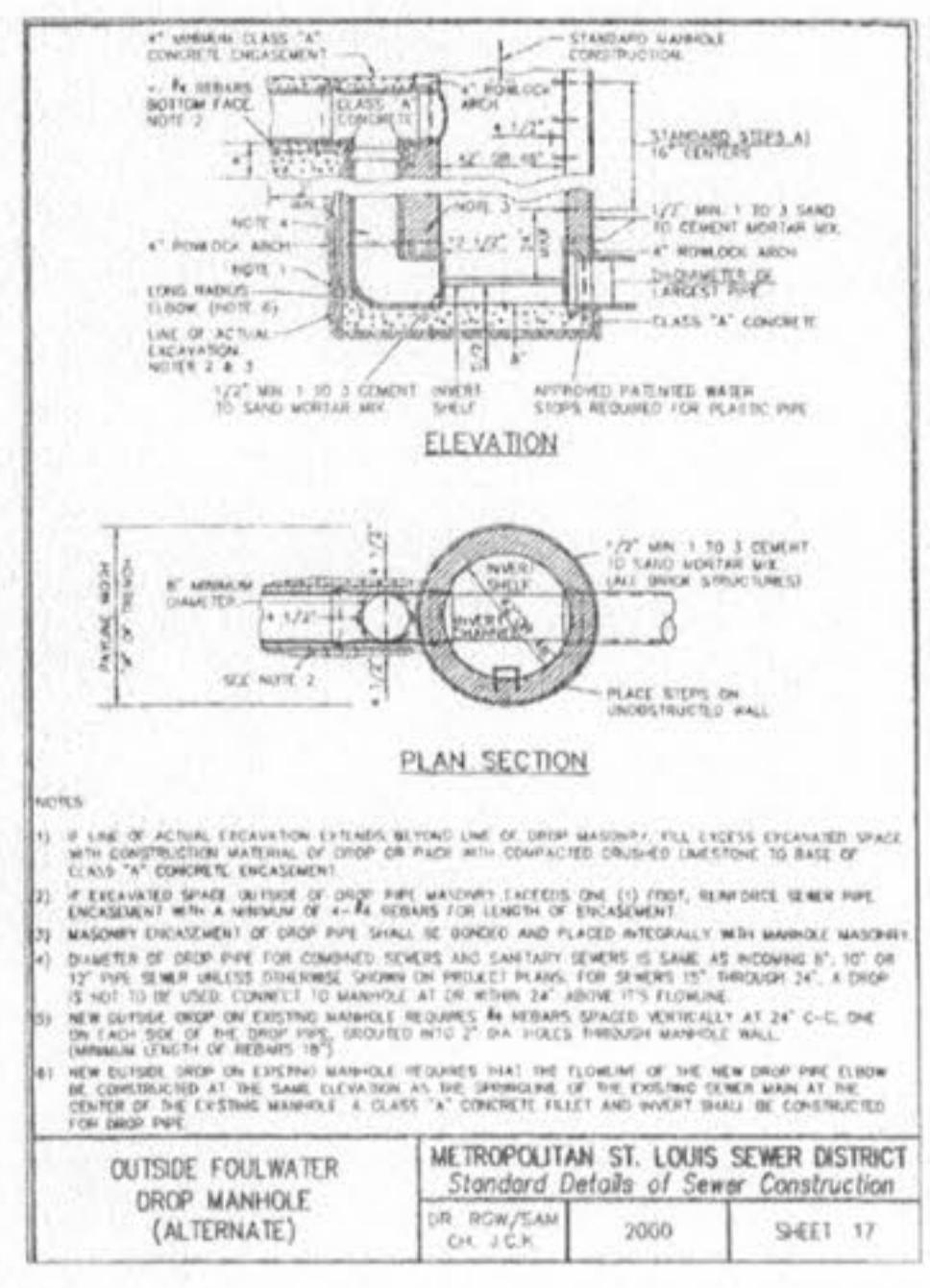
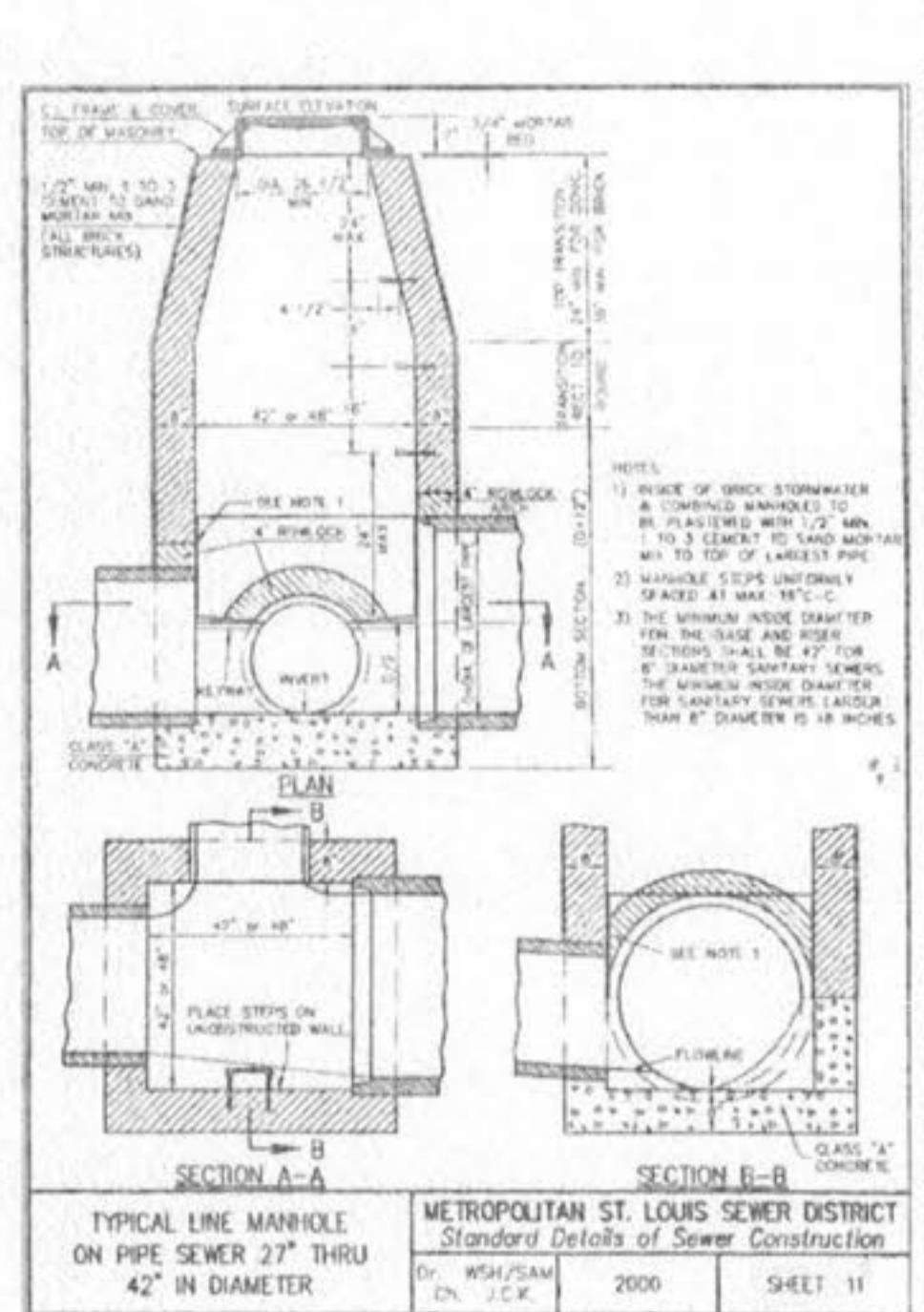
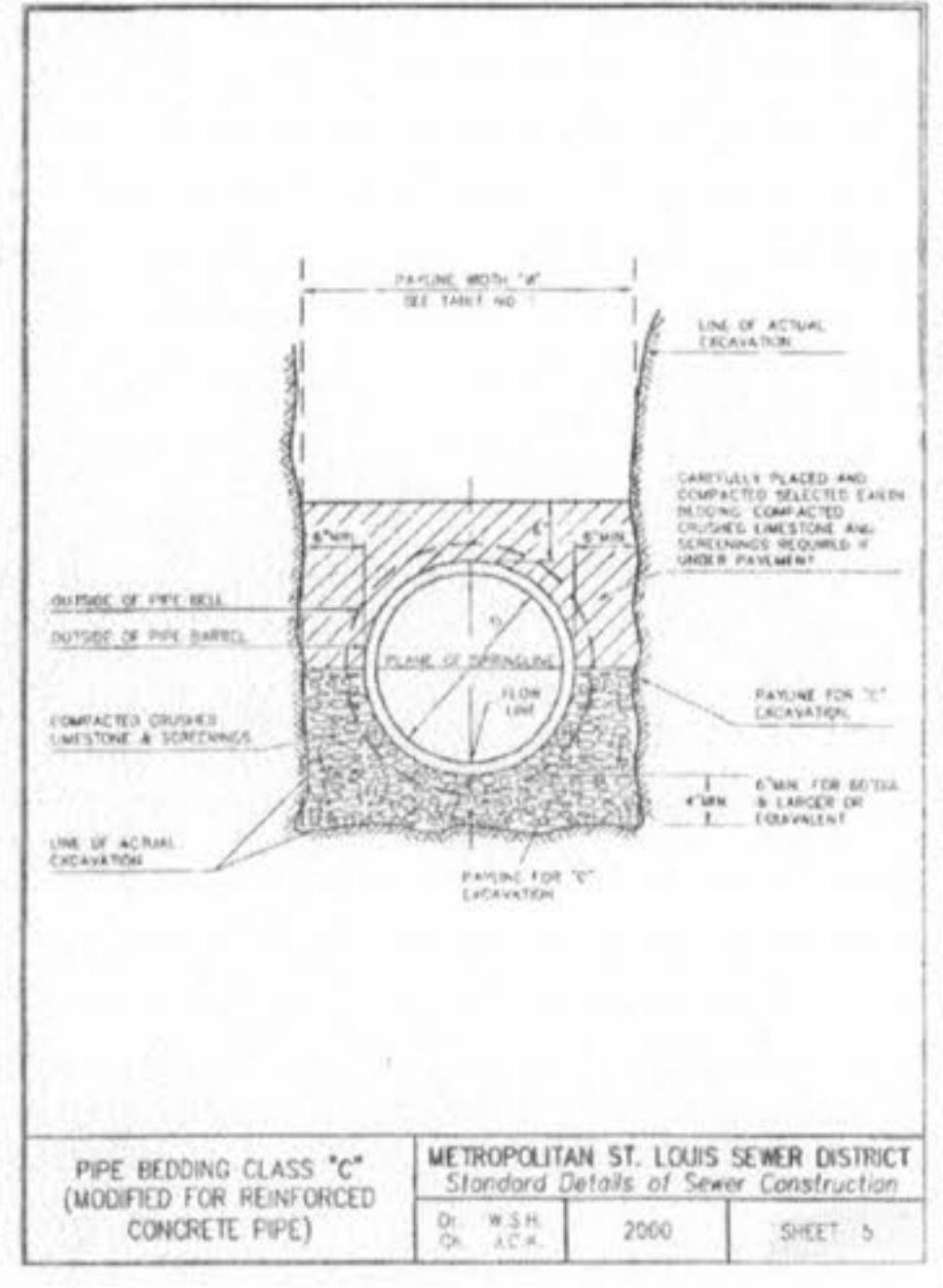
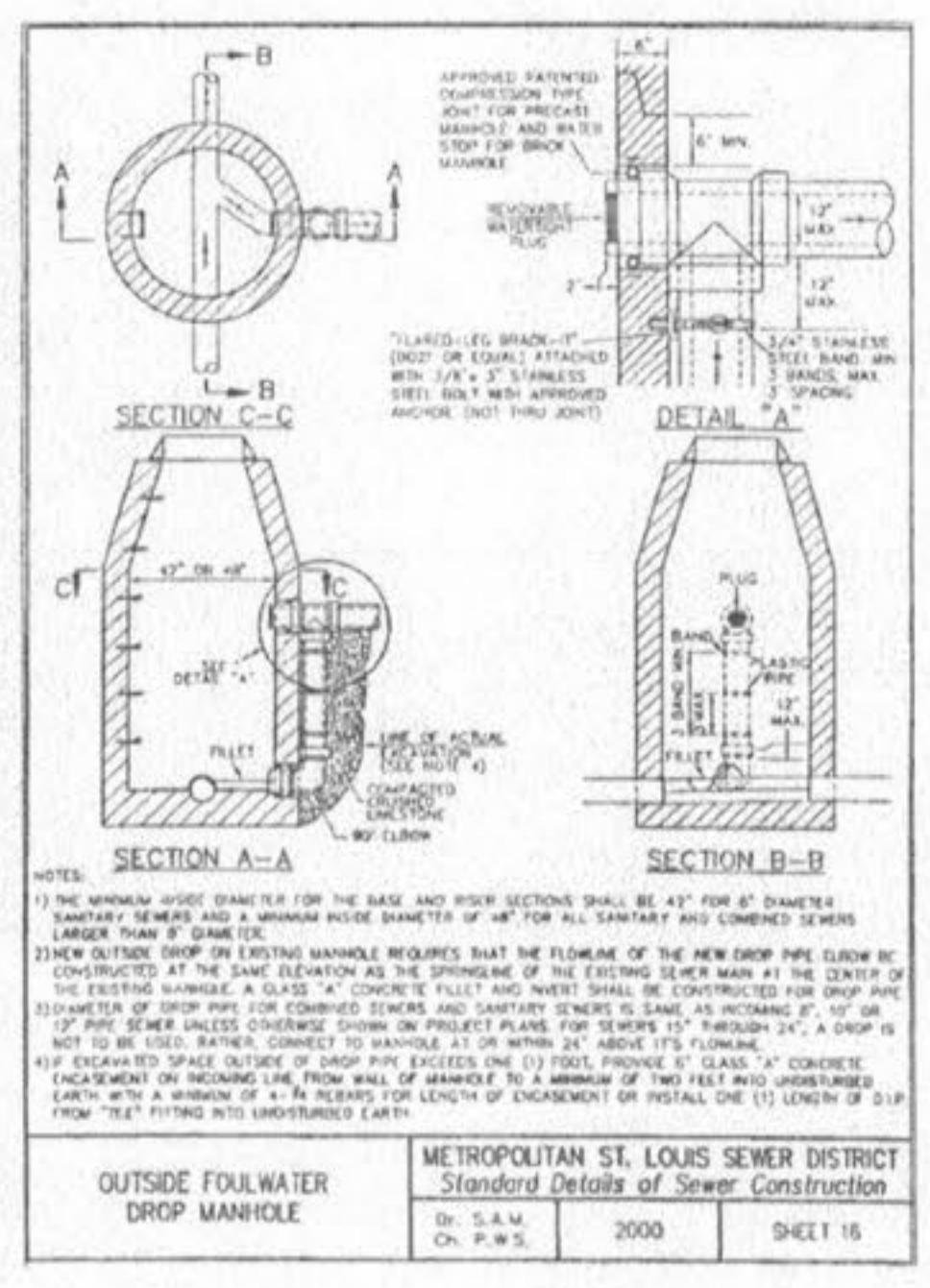
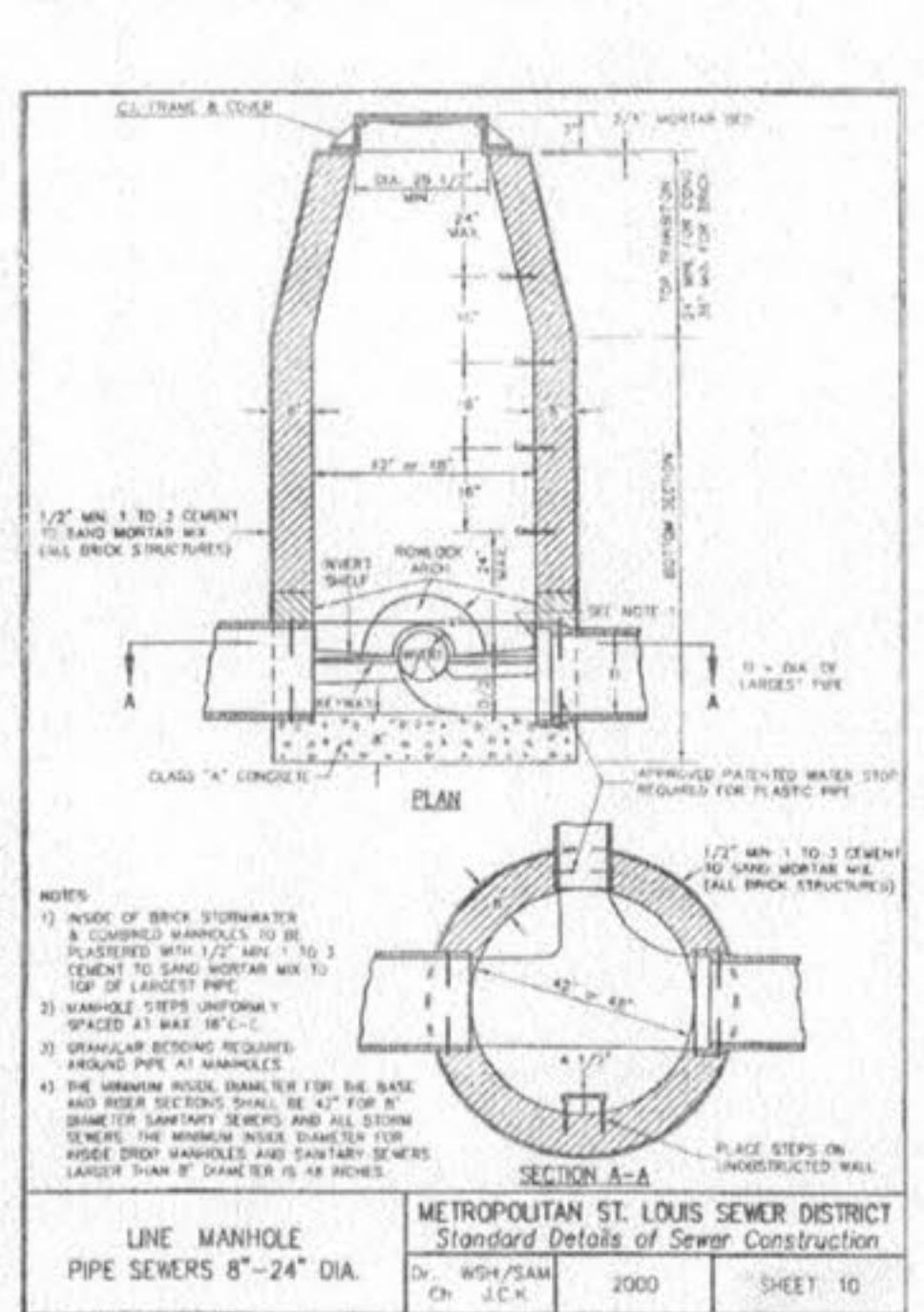
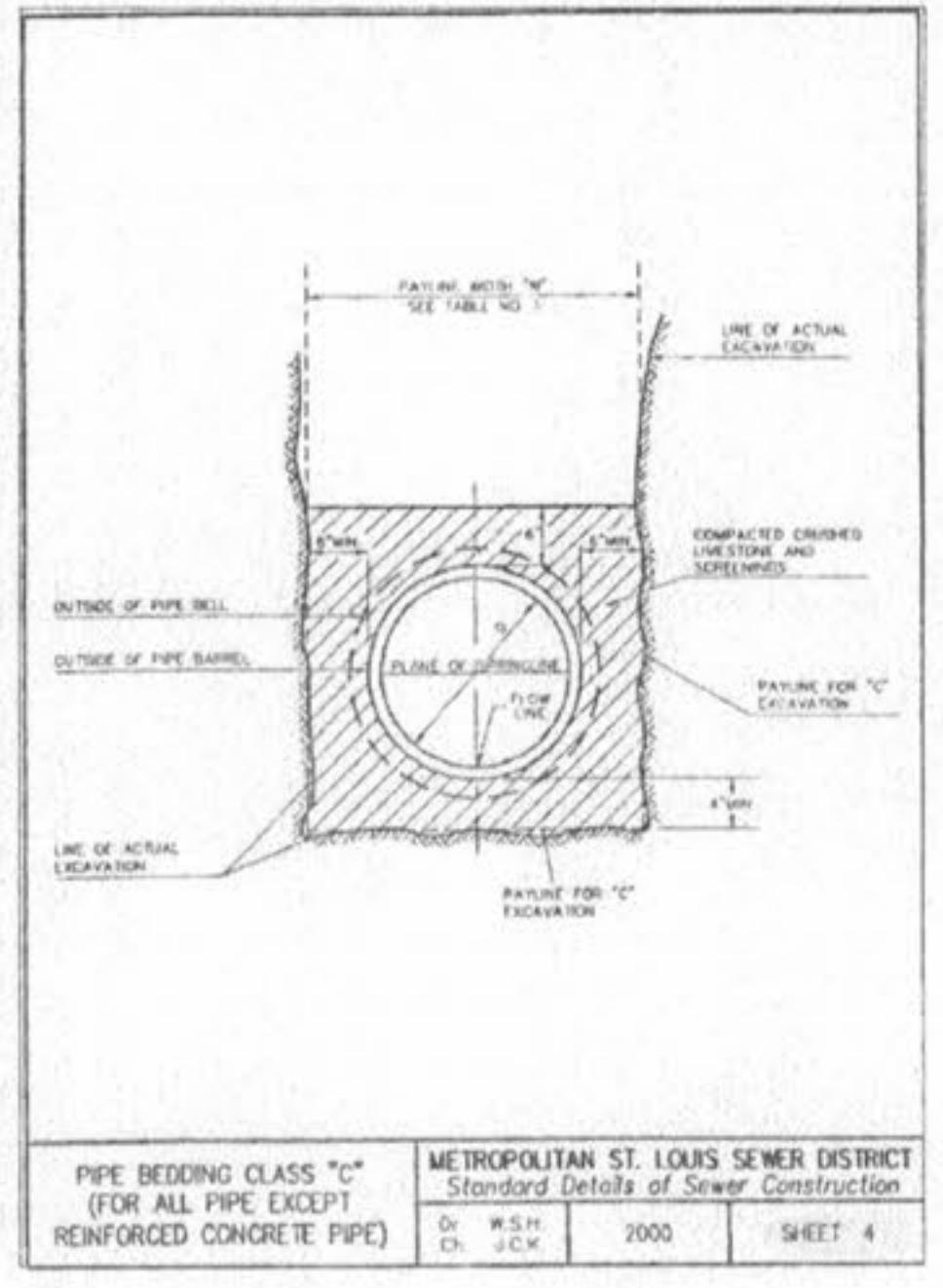
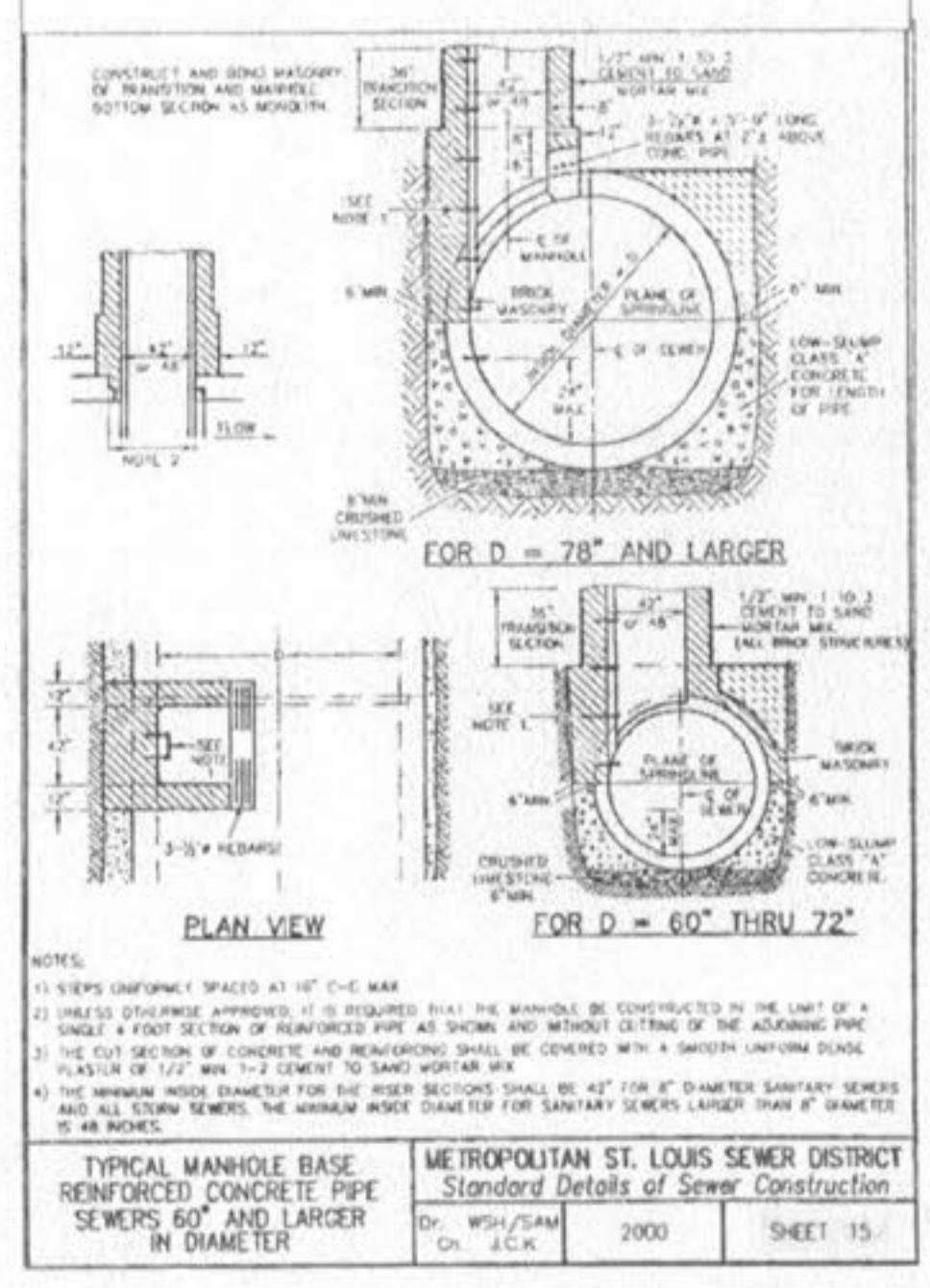
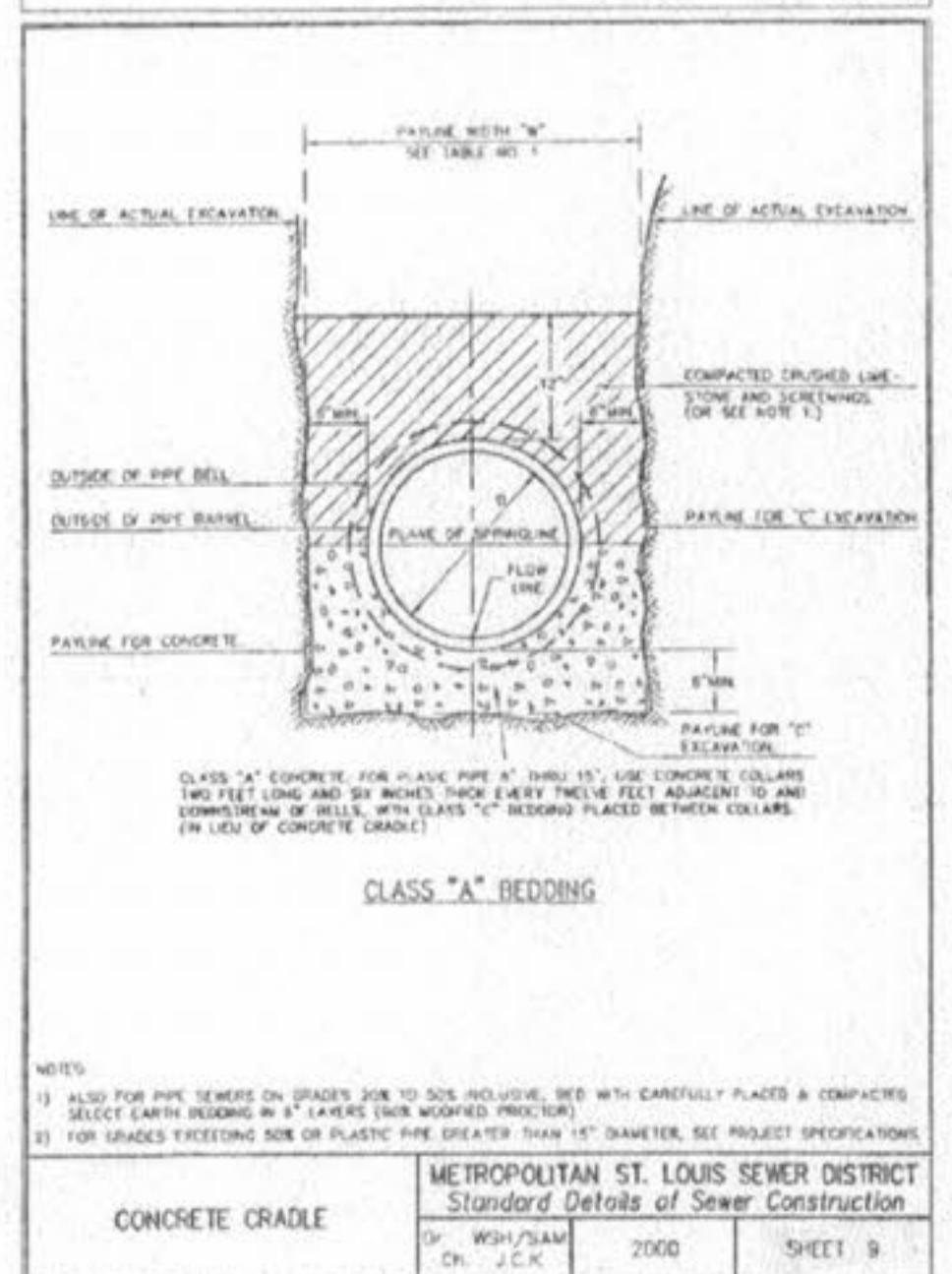
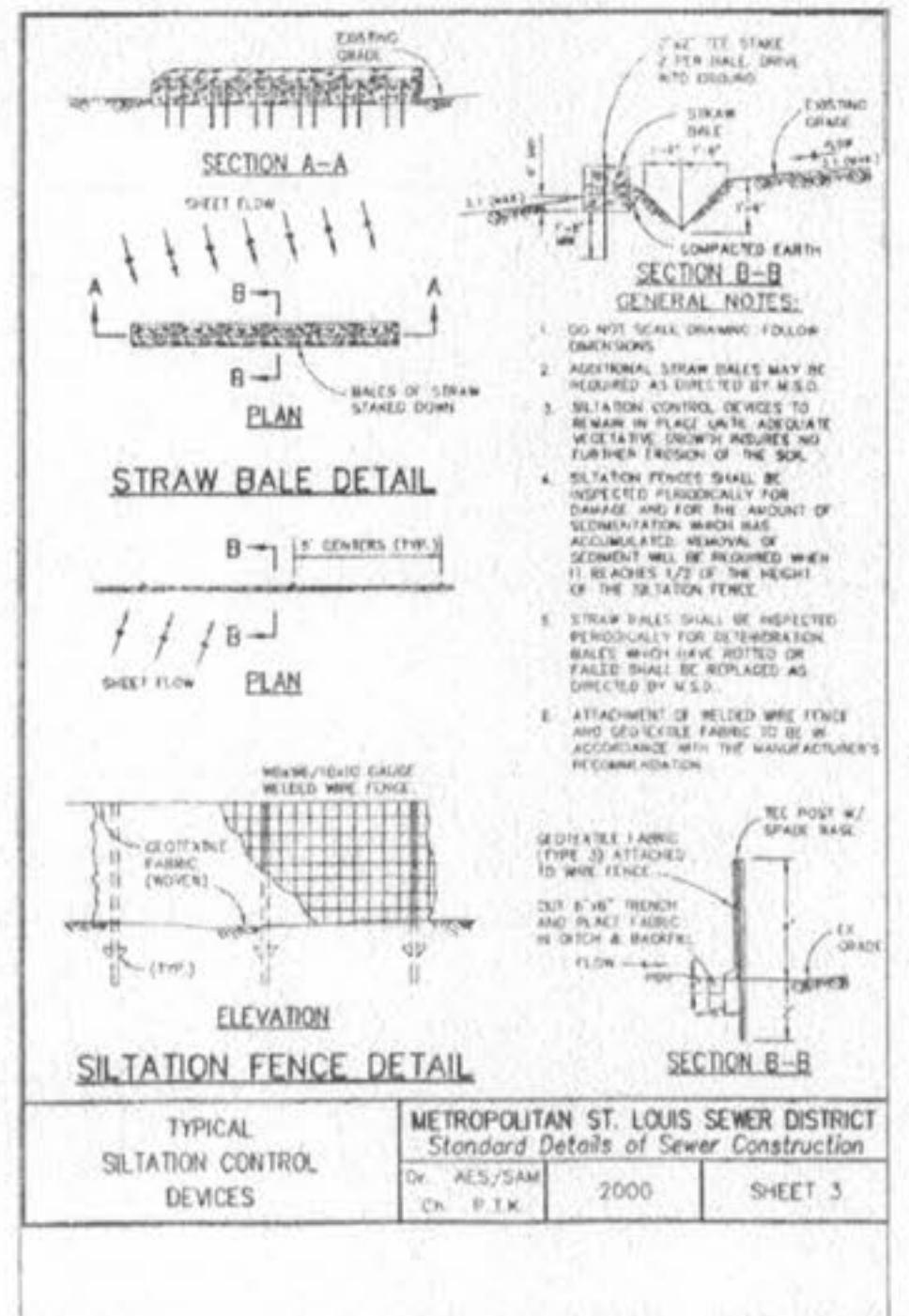
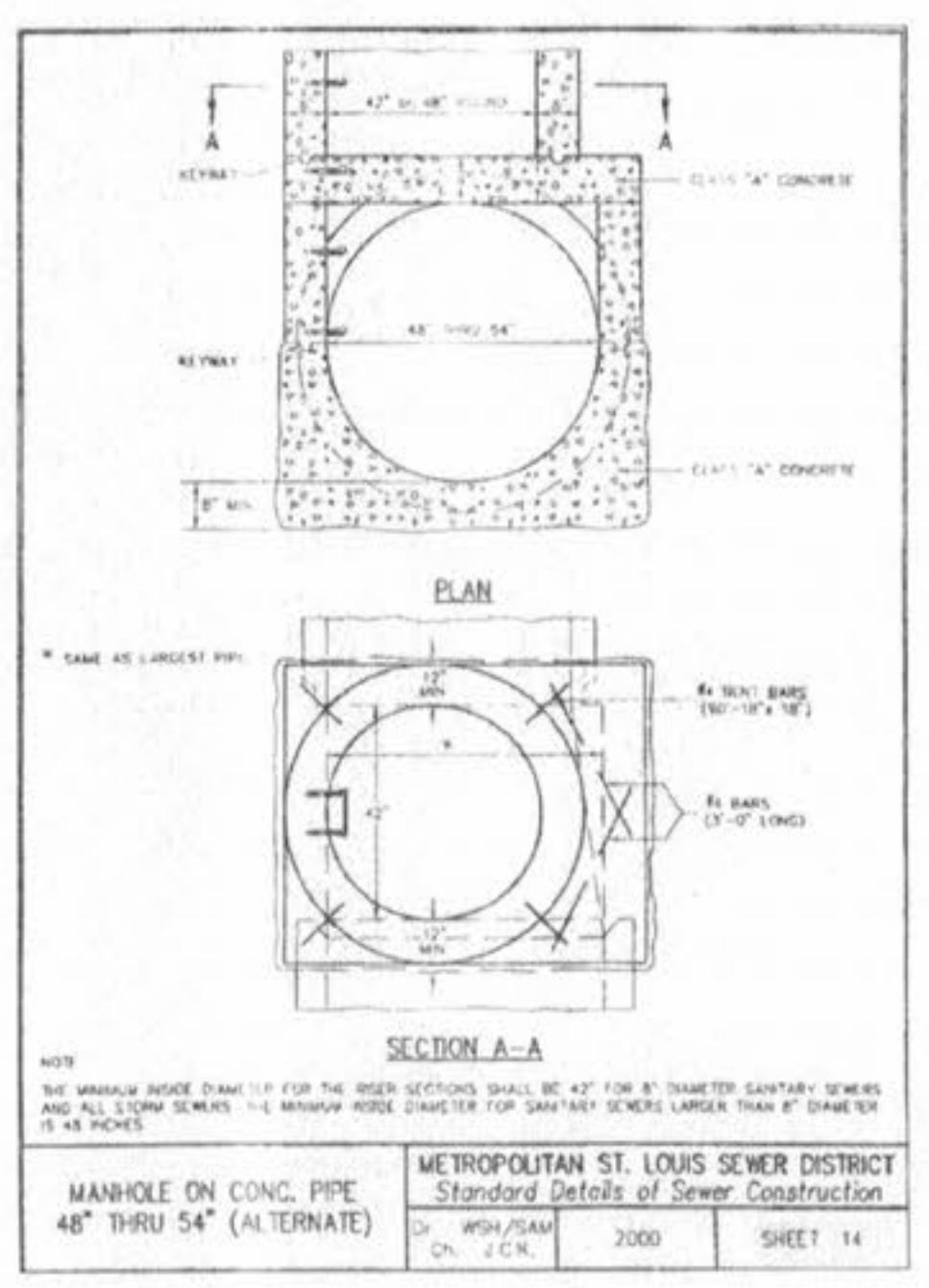
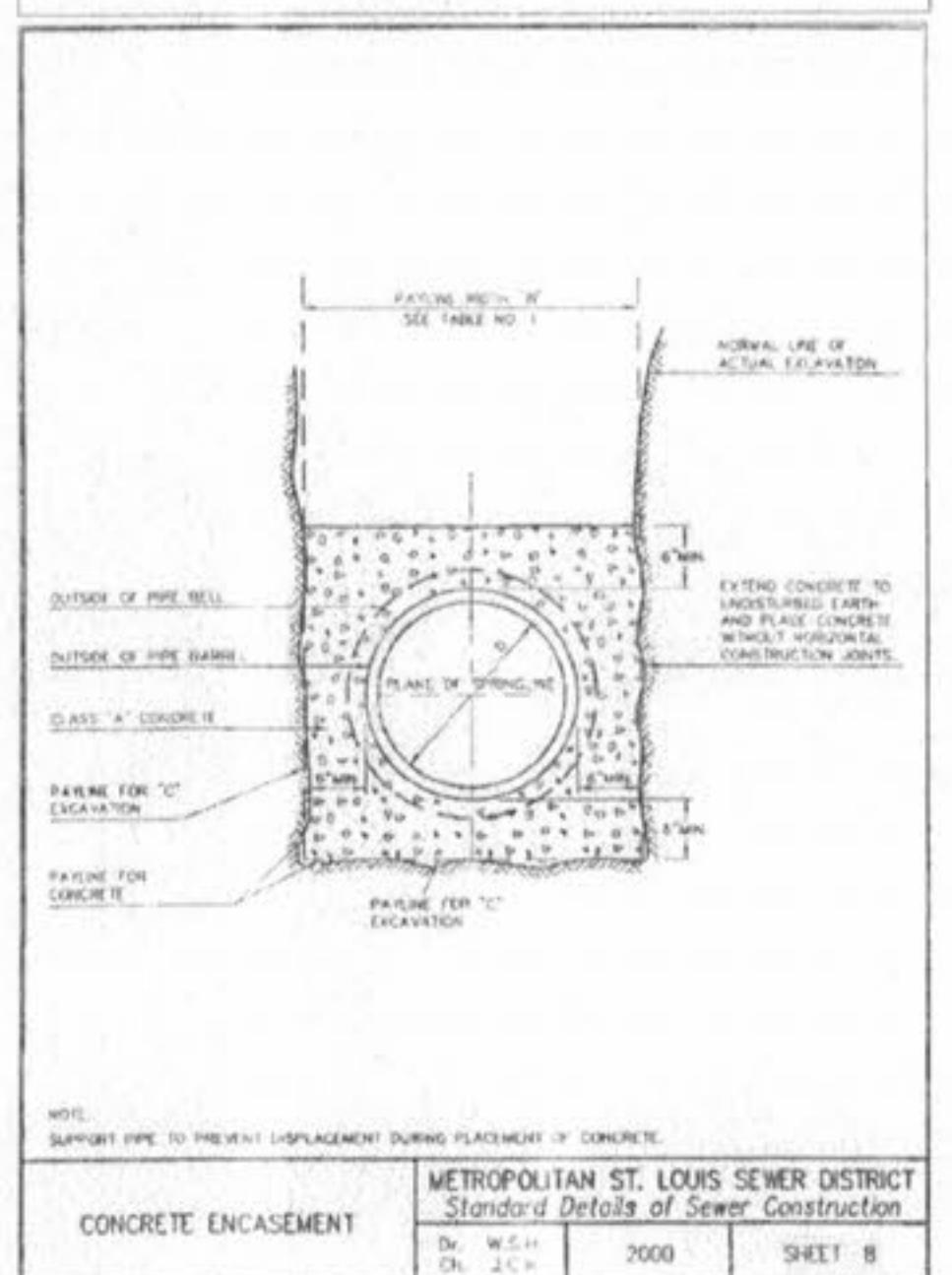
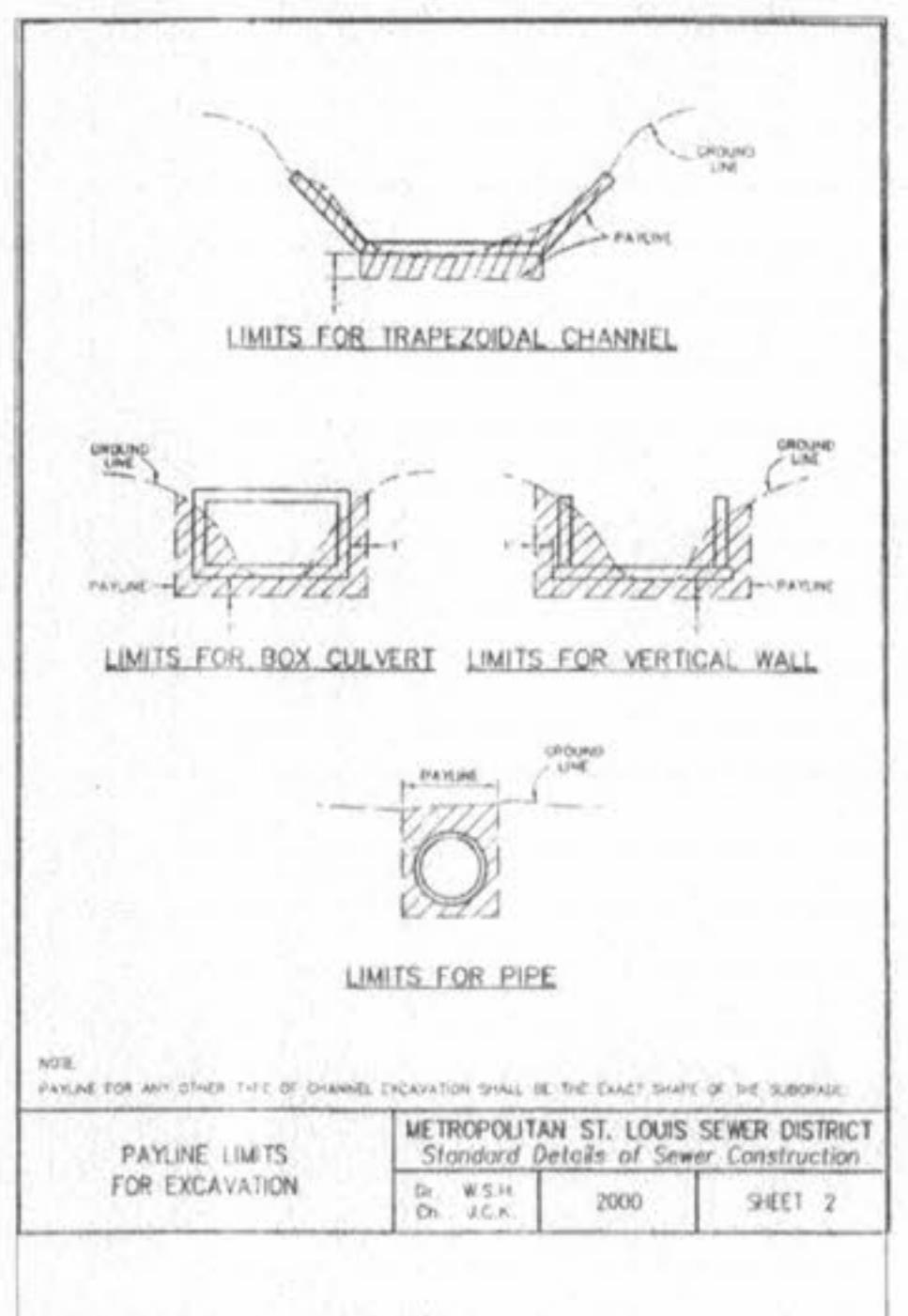
NO.	02	03	043
M.S.D.			
P#	CD3		
DIGITAL FILE LOCATION	SERVER-STERLING-2		
SERVER-STERLING-2			
CD3			
OF			

ROUND PIPE			HORIZONTAL ELLIPTICAL PIPE		
PIPE DIAMETER (INCHES)	"W"	PAYLINE WIDTH OF TRENCH (FEET)	PIPE DIAMETER (INCHES)	"W"	PAYLINE WIDTH OF TRENCH (FEET)
4	30	2.50	3.20		
6	30	2.50	3.58		
8	30	2.50	3.67		
10	30	2.50	4.09		
12	30	2.50	4.25		
15	30	2.50	5.50		
18	30	2.50	5.77	14 + 23	41 - 34
21	28	3.15	6.81		
24	42	3.50	7.29	19 + 30	49 - 48
27	49	3.75	8.18	22 + 34	53 - 42
30	49	3.75	8.26	24 + 38	58 - 45
33	53	4.42	10.53	27 + 42	62 - 57
36	56	4.67	11.43	29 + 47	65 - 50
38	56	4.67	11.43	32 + 49	71 - 52
42	63	5.75	13.58	34 + 53	75 - 54
48	70	6.83	15.87	36 + 60	82 - 62
54	77	6.42	18.15	43 + 68	92 - 77
60	84	7.00	20.72	48 + 76	101 - 82
64	91	7.68	23.45	53 + 83	108 - 98
72	98	8.11	26.37	58 + 91	118 - 102
78	105	8.75	29.39	63 + 98	128 - 115
84	112	9.33	32.57	68 + 105	135 - 125
90	119	8.92	35.80	72 + 113	143 - 132
98	126	10.51	39.37	77 + 121	152 - 141
102	135	11.08	42.99	82 + 128	160 - 153
108	140	11.67	45.35	87 + 136	168 - 156
114	147	12.25	50.88	92 + 145	176 - 167
120	154	12.83	54.72	97 + 151	185 - 172
126	161	13.42	58.92		
132	168	14.00	8.27	106 + 158	202 - 163
144	182	15.17	12.40	116 + 166	218 - 177

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

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

Dr. B.E.B.
Ch. J.C.K. 2000 SHEET 1



RASF MAP