

PROJECT TITLE:
BETH ACADEMY
A/S BUILT
STORM SEWER
PROFILES

MUSLER ENGINEERING COMPANY
 CIVIL ENGINEERING - PLANNING - LAND SURVEYING
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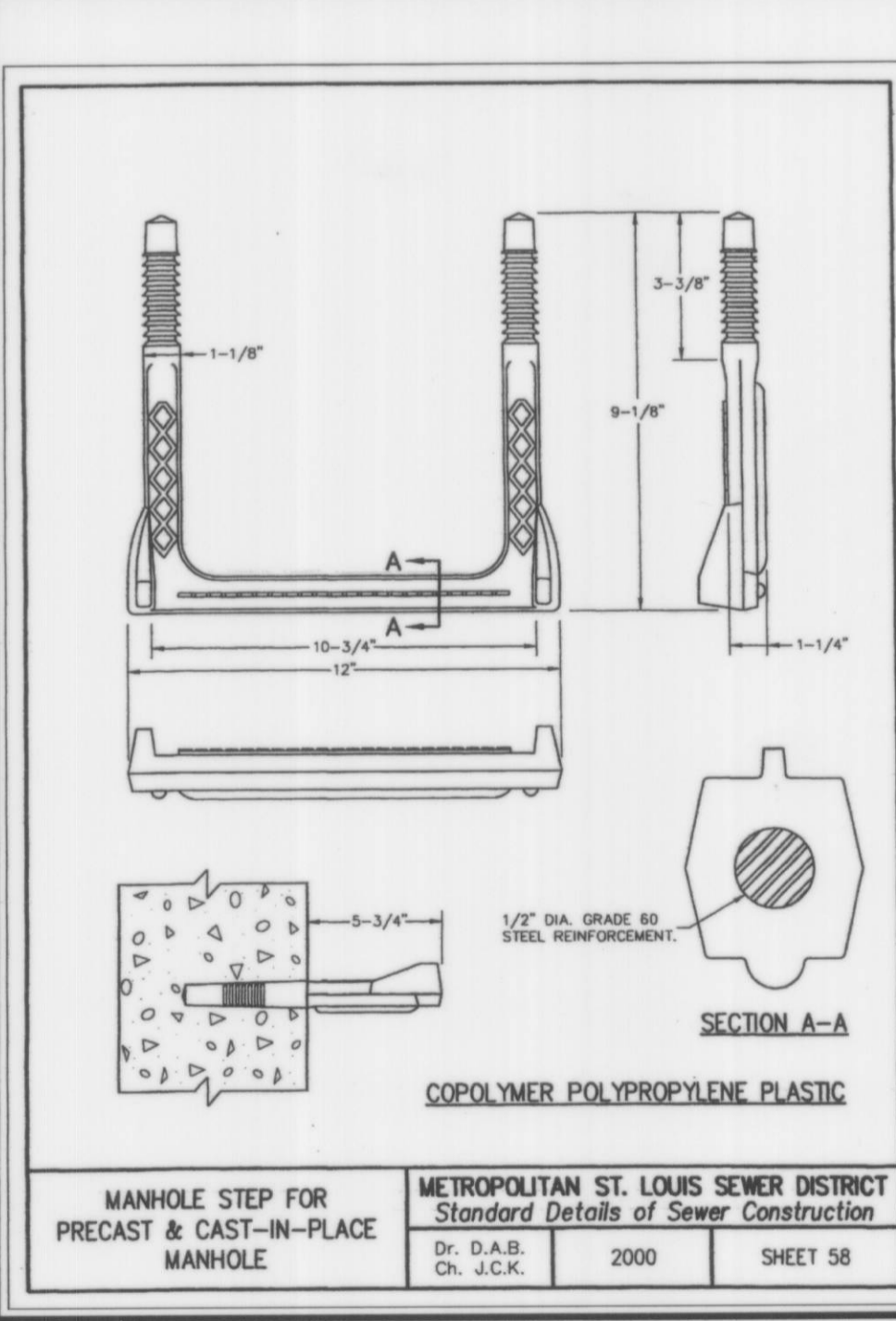
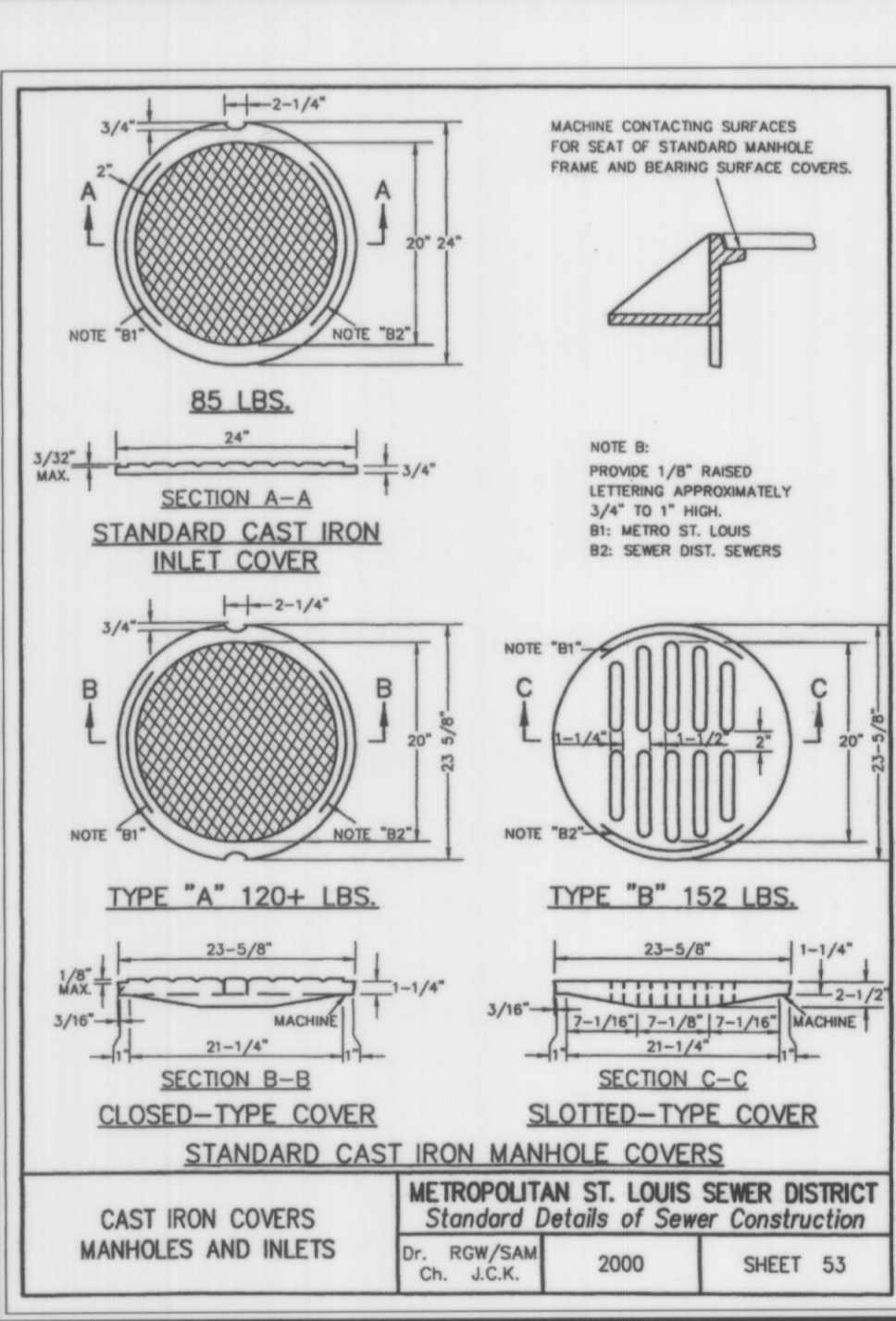
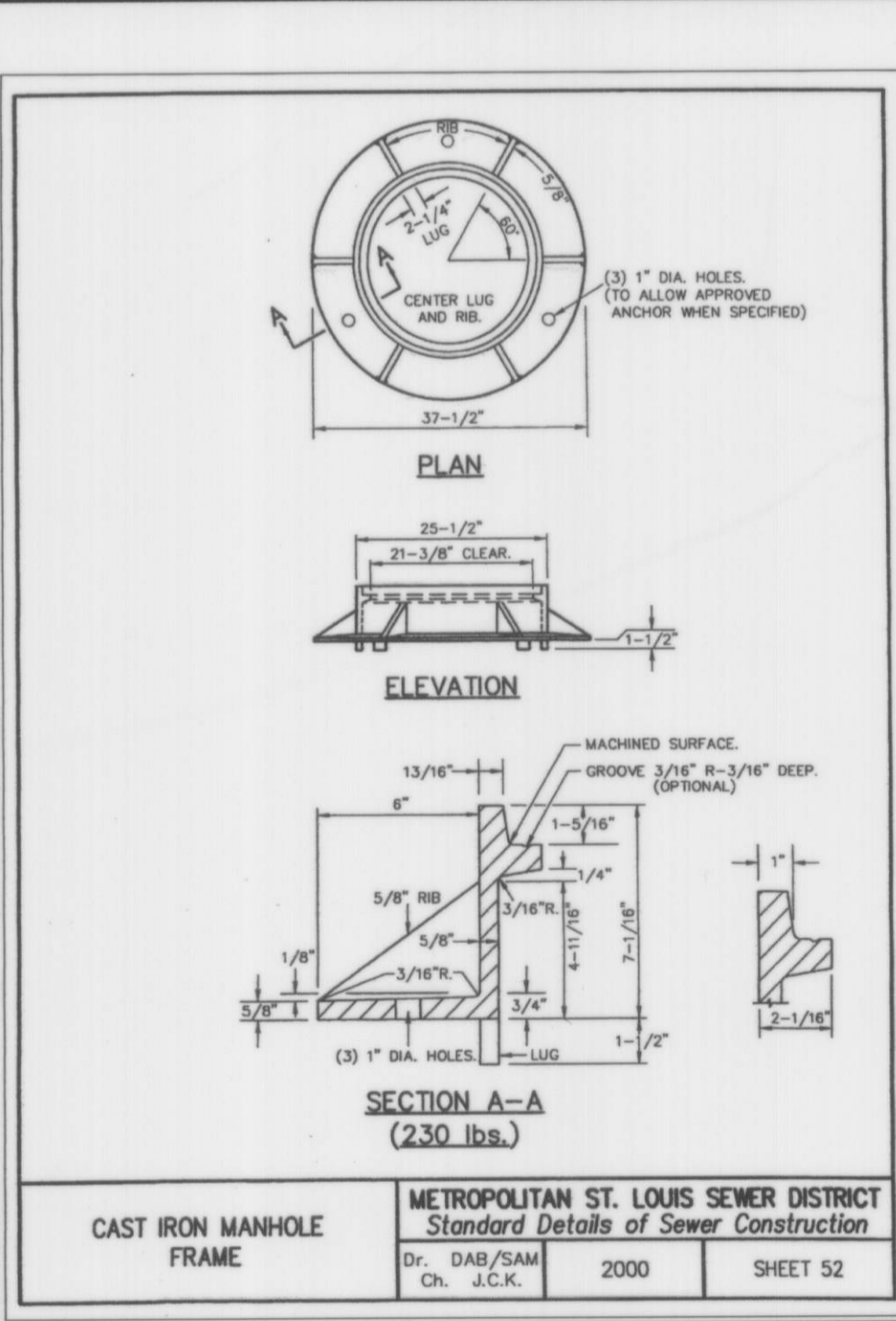
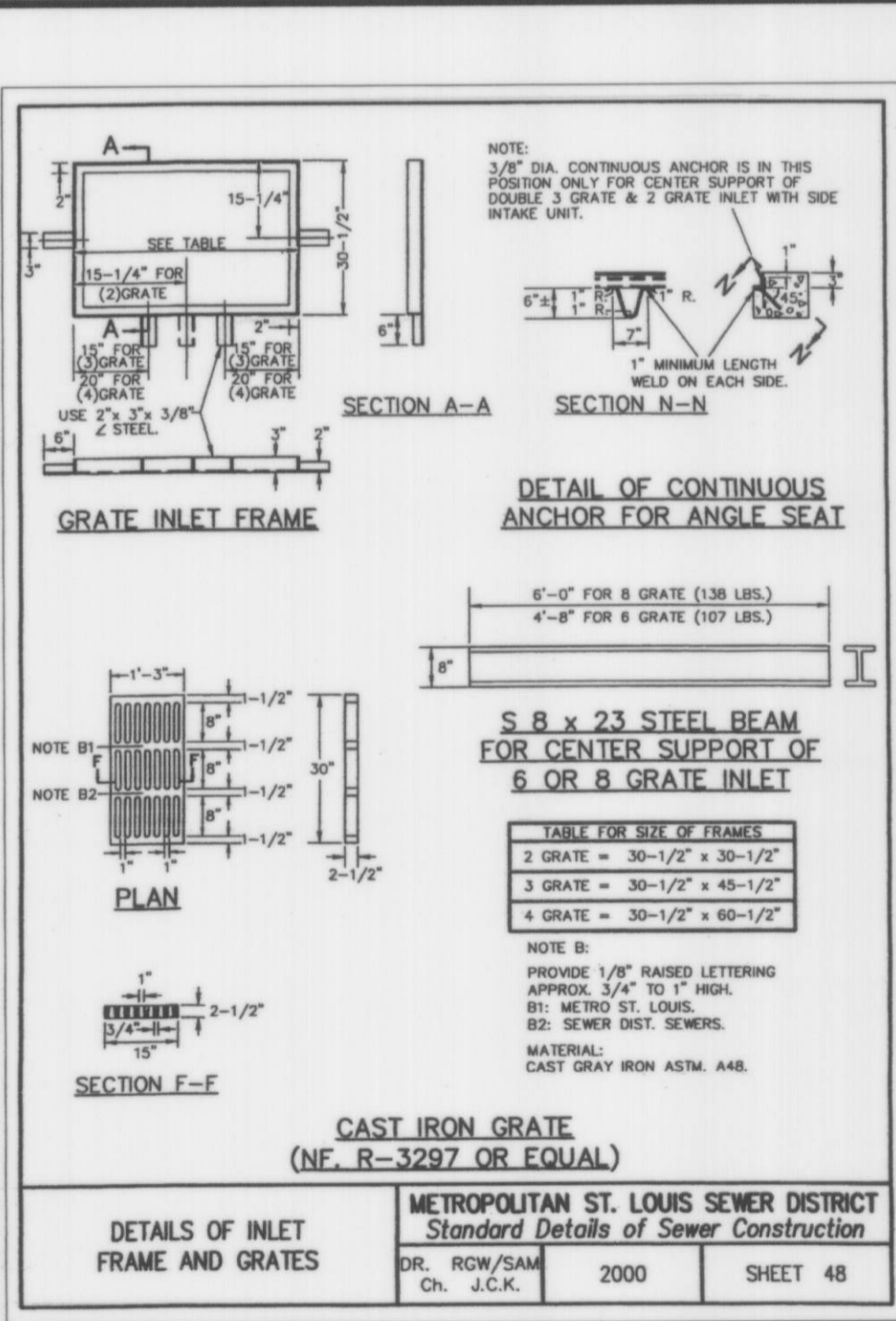
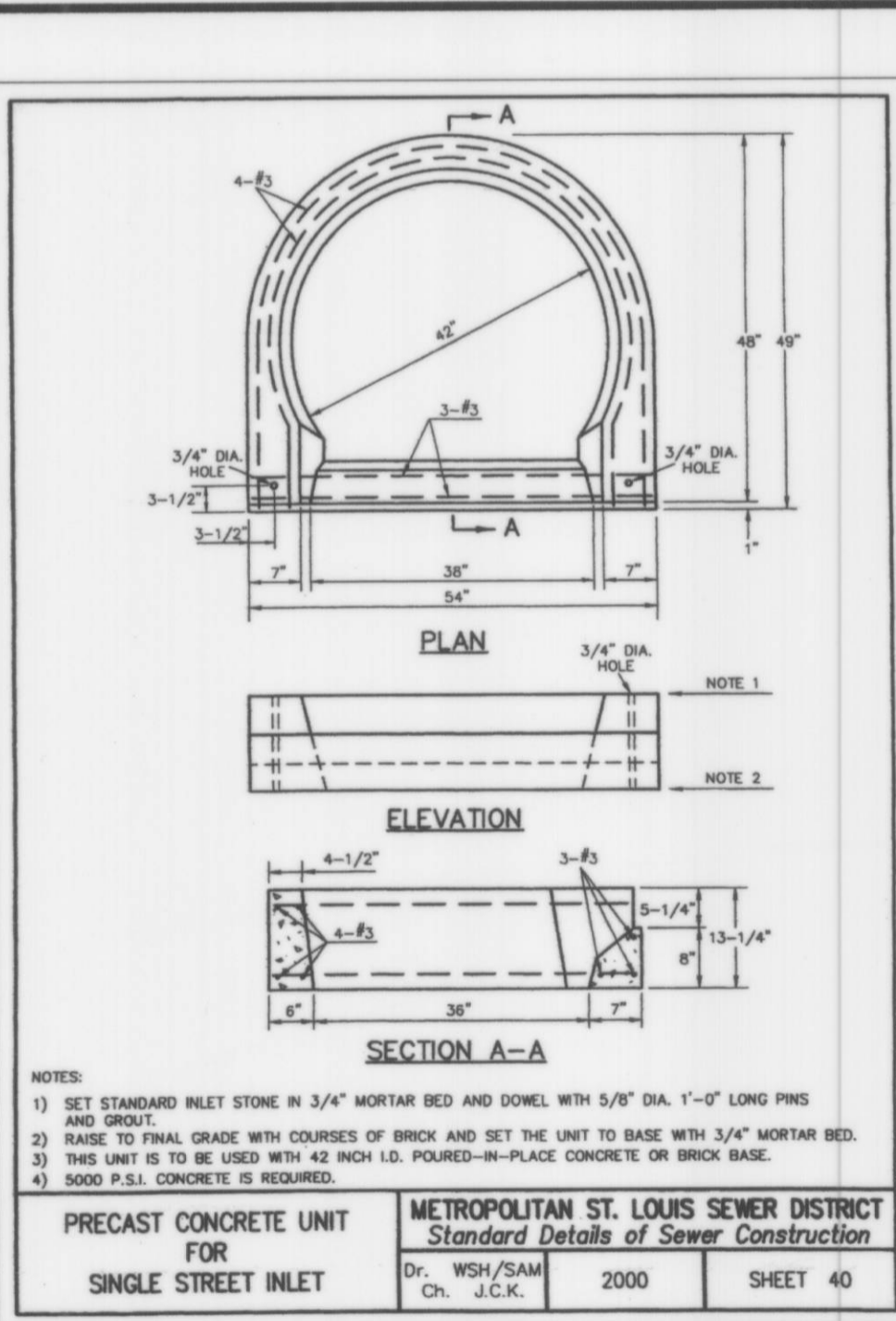
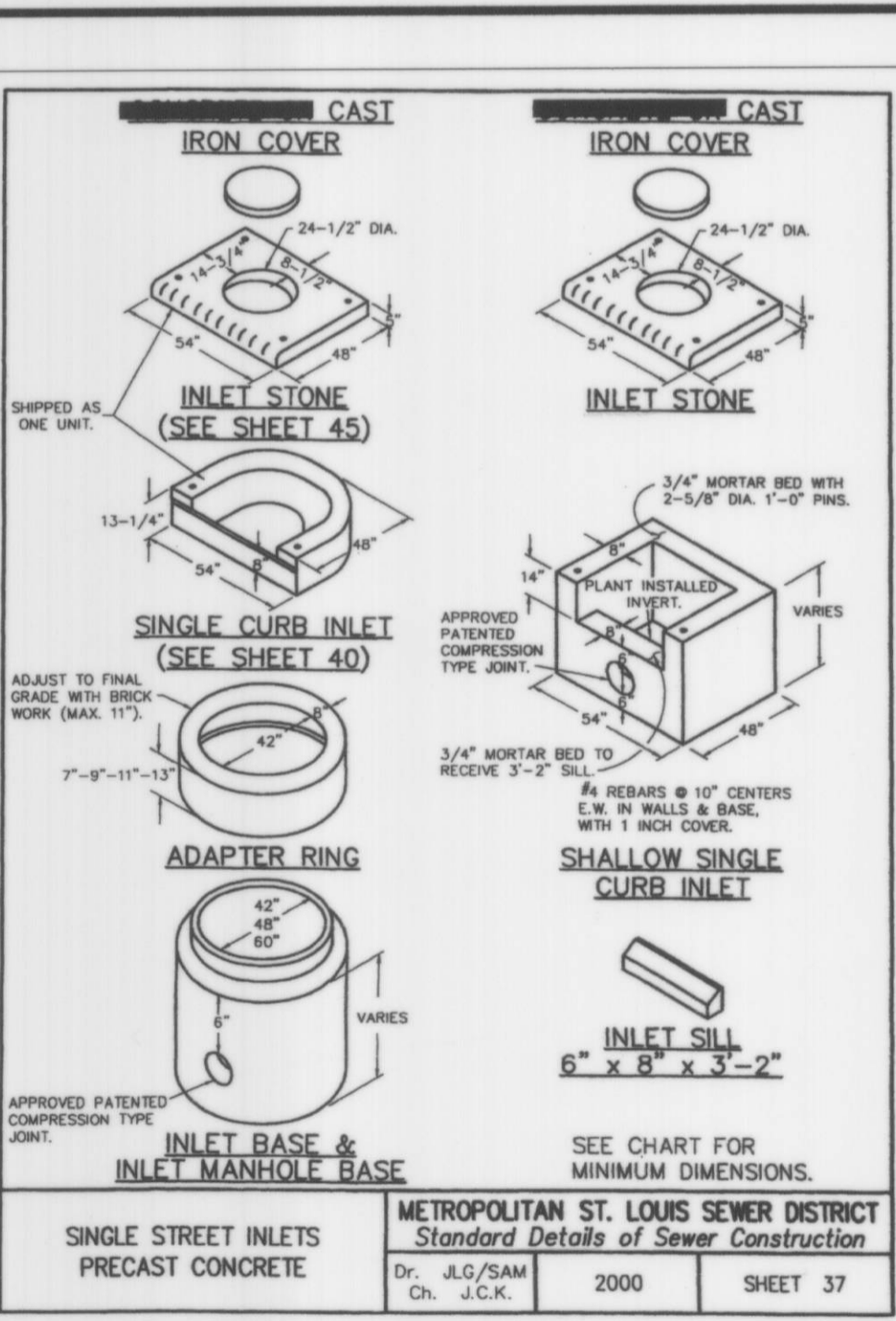
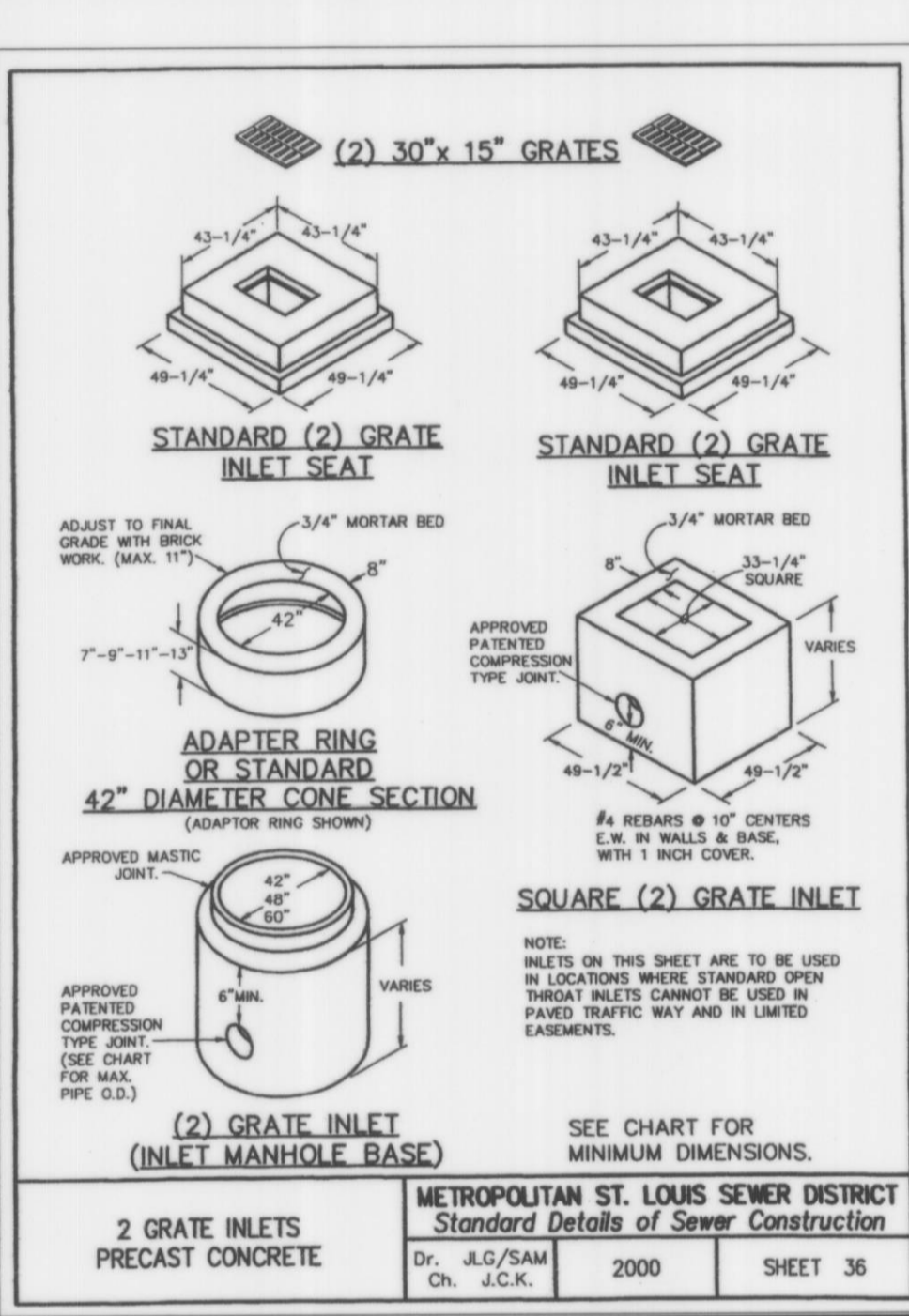
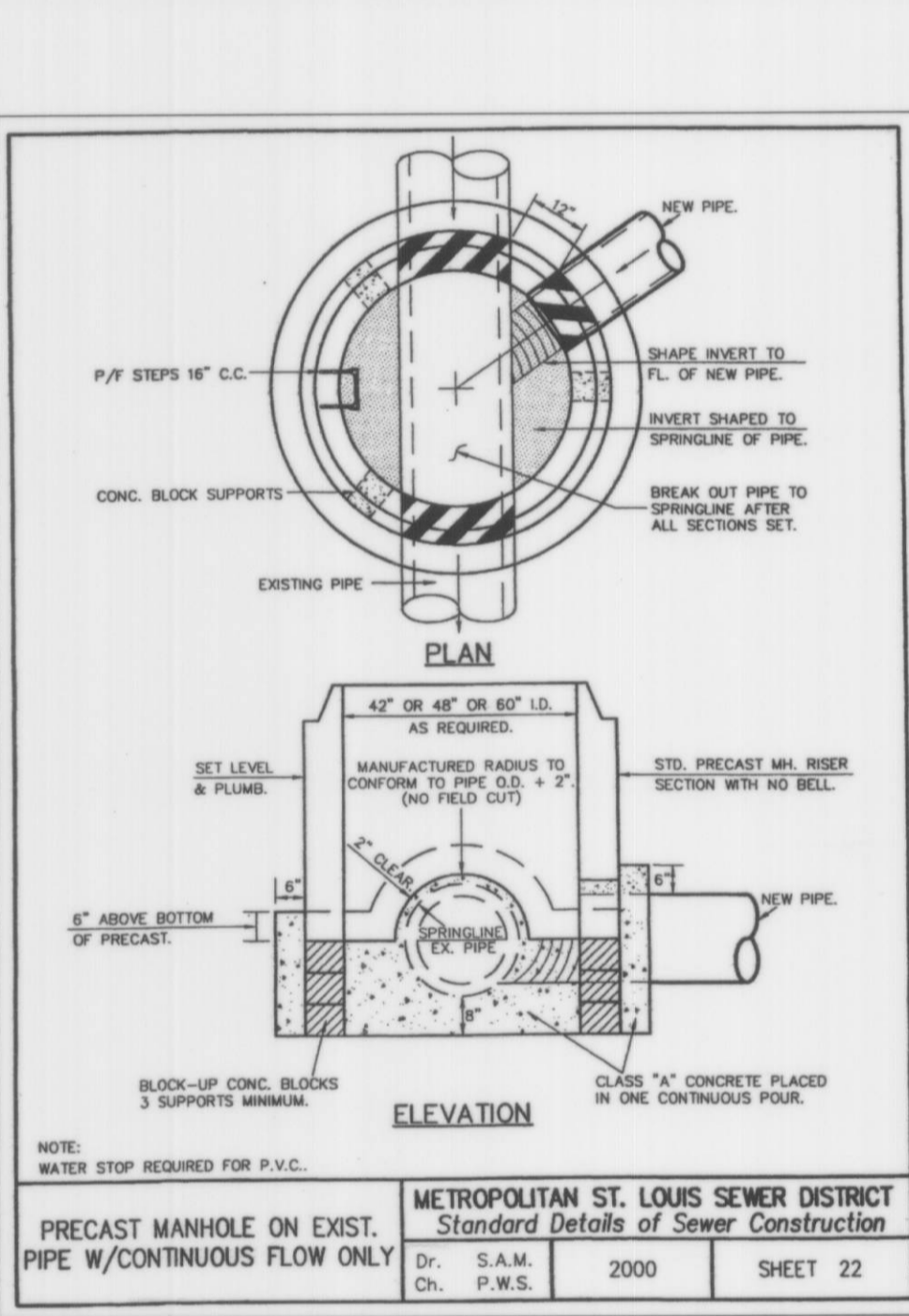
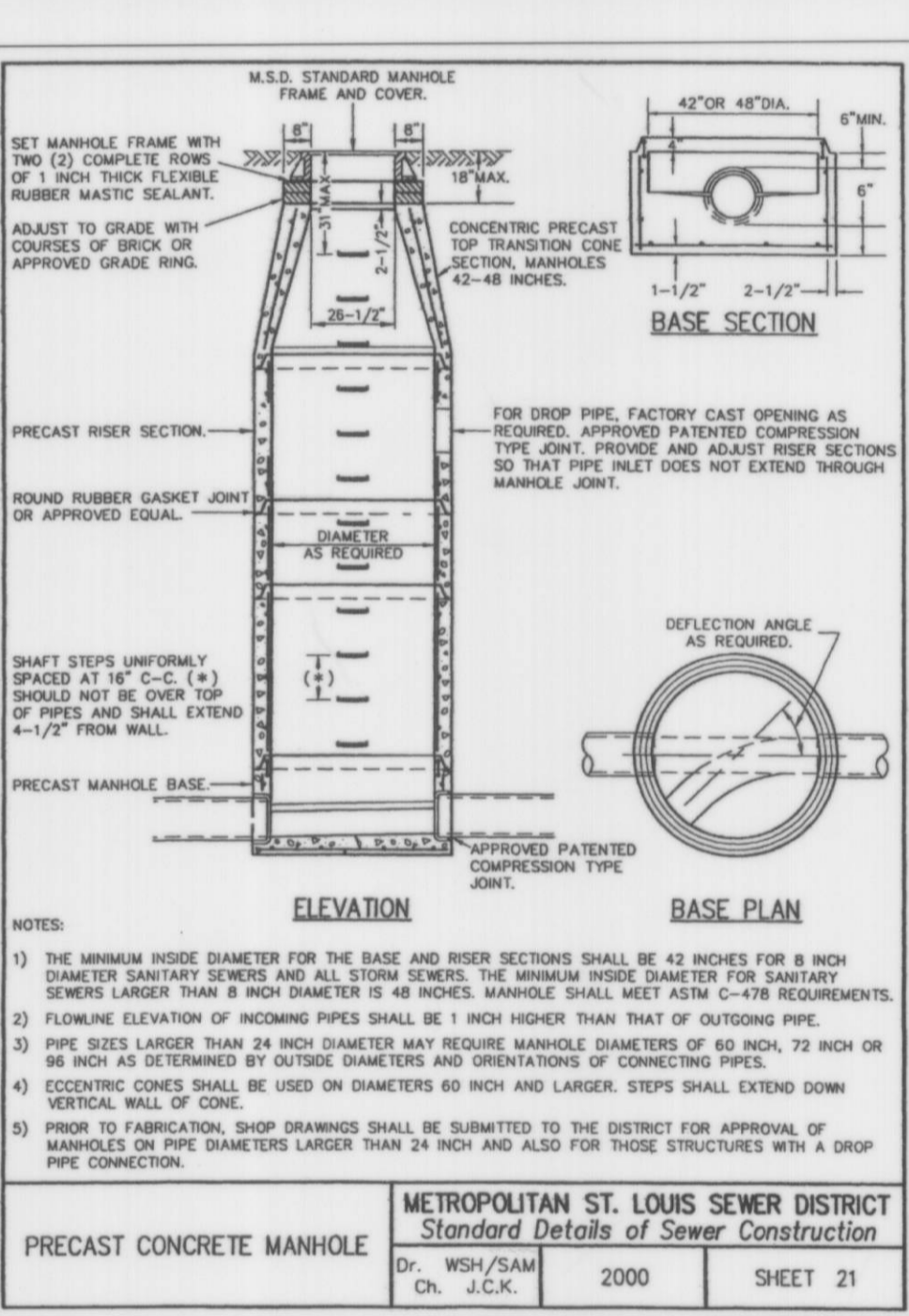
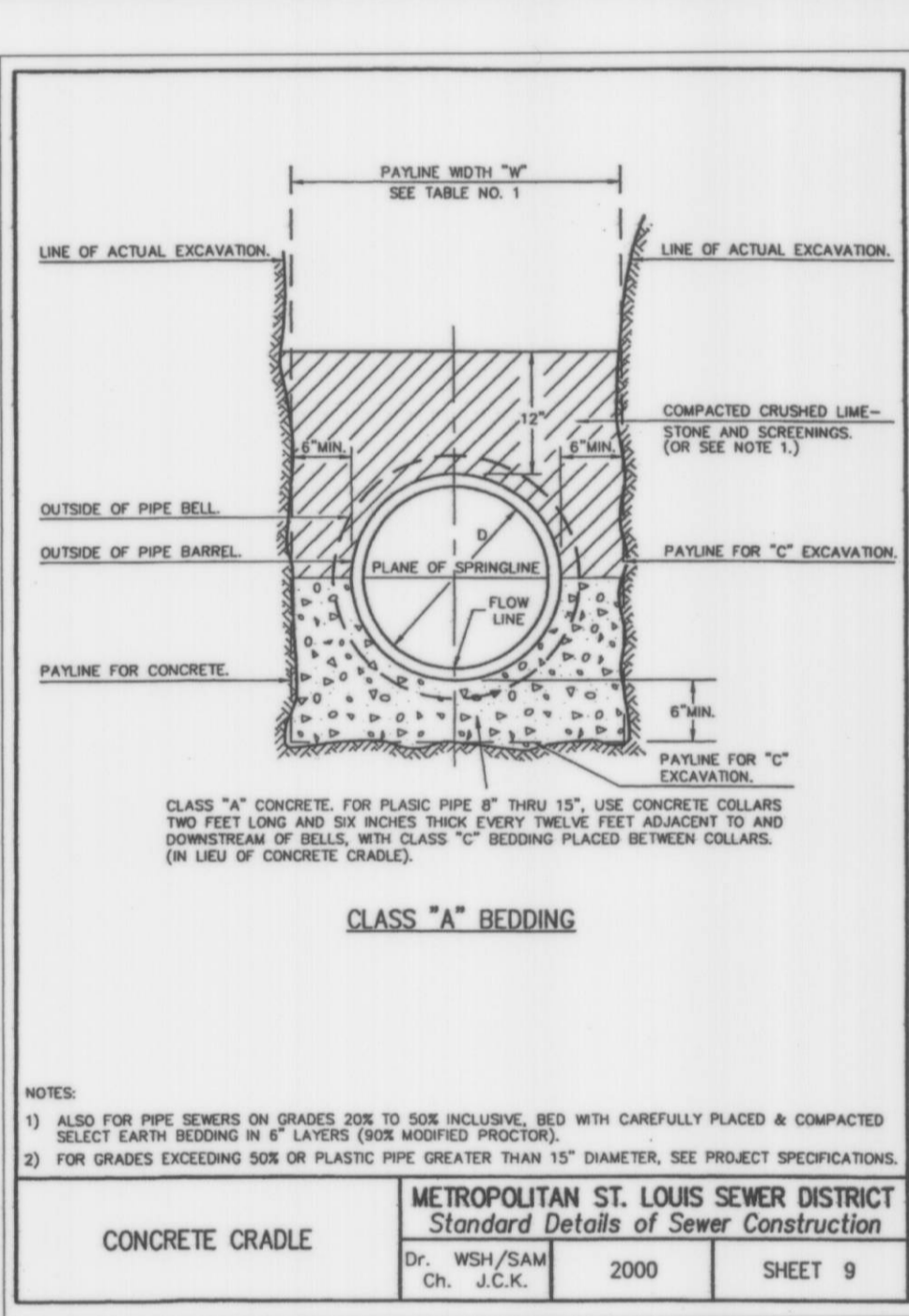
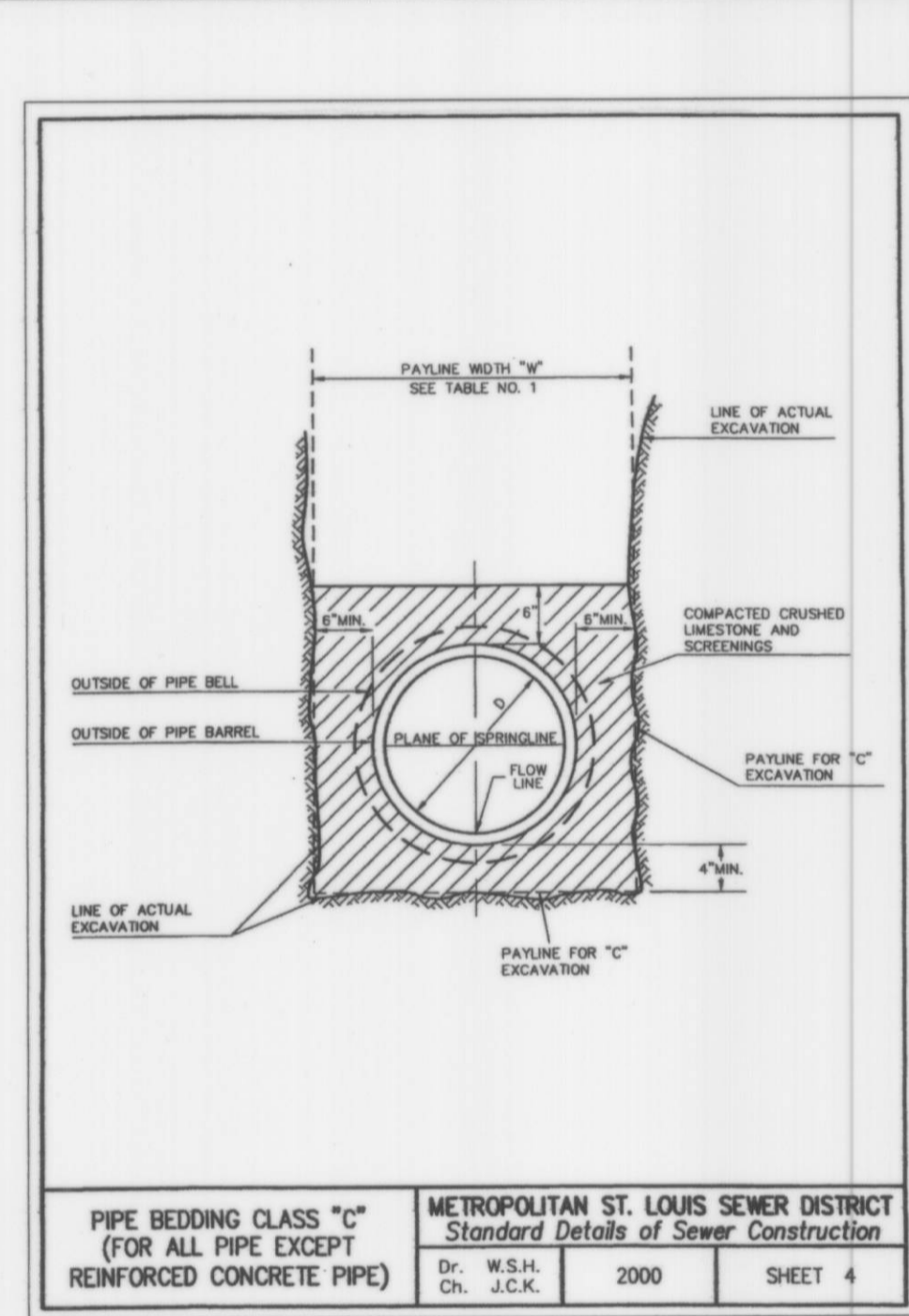
CITY OF O'FALLON
 ENGINEERING DEPARTMENT
 O'FALLON, MISSOURI
TRANCH DETAIL

ROUND PIPE				HORIZONTAL ELLIPTICAL PIPE			
INSIDE DIAMETER OF PIPE (INCHES)	"W" PAYLINE WIDTH OF TRENCH (INCHES)	"T" PAYLINE WIDTH OF TRENCH (FEET)	PAY-VOLUMES CONCRETE ENCASUREMENT (CU. FT. PER FT.)	INSIDE DIMENSIONS OF PIPE (INCHES)	"W" PAYLINE WIDTH OF TRENCH (INCHES)	"T" PAYLINE WIDTH OF TRENCH (FEET)	PAY-VOLUMES CONCRETE ENCASUREMENT (CU. FT. PER FT.)
4	30	2.50	3.28				
6	30	2.50	3.99				
8	30	2.50	3.87				
10	30	2.50	4.09				
12	30	2.50	4.25				
15	36	3.00	5.95				
18	36	3.00	5.77	14 x 23	41	3.42	5.94
21	39	3.25	6.81				
24	42	3.50	7.39	19 x 30	49	4.08	7.68
27	45	3.75	8.18	22 x 34	53	4.42	8.61
30	48	4.08	8.30	24 x 38	58	4.83	8.70
33	51	4.42	10.53	27 x 42	62	5.17	10.71
36	54	4.87	11.43	29 x 45	66	5.50	11.72
39	57	5.25	13.38	32 x 49	71	5.92	13.14
42	60	5.62	15.67	34 x 53	75	6.25	14.00
45	63	6.00	16.15	36 x 60	83	6.82	16.18
48	66	6.42	18.15	43 x 68	92	7.67	18.81
54	72	7.00	20.73	48 x 76	101	8.42	21.59
60	78	7.58	23.45	53 x 83	109	9.08	24.35
66	84	8.17	26.37	58 x 91	118	9.83	27.45
72	90	8.75	29.39	63 x 98	126	10.50	30.50
78	96	9.33	32.57	68 x 106	135	11.25	33.91
84	102	9.92	35.90	72 x 113	143	11.92	36.99
90	108	10.50	39.37	77 x 121	152	12.67	40.89
96	114	11.08	42.99	82 x 128	160	13.33	44.45
102	120	11.67	46.75	87 x 136	168	14.00	47.79
108	126	12.25	50.66	92 x 143	176	14.67	51.70
114	132	12.83	54.72	97 x 151	185	15.42	56.01
120	138	13.42	58.92				
126	144	14.00	63.27				
132	150	14.58	67.76				
144	162	15.17	72.40				

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

METROPOLITAN ST. LOUIS SEWER DISTRICT
 Standard Details of Sewer Construction

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



DISCLAIMER OF RESPONSIBILITY

I hereby specify that the documents intended to be authorized by my seal are limited to this sheet, and I hereby disclaim any responsibility for all other drawings, Specifications, Estimates, Reports or other documents or instruments relating to or intended to be used for any part or parts of the architectural or engineering project or survey.

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 City No.

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