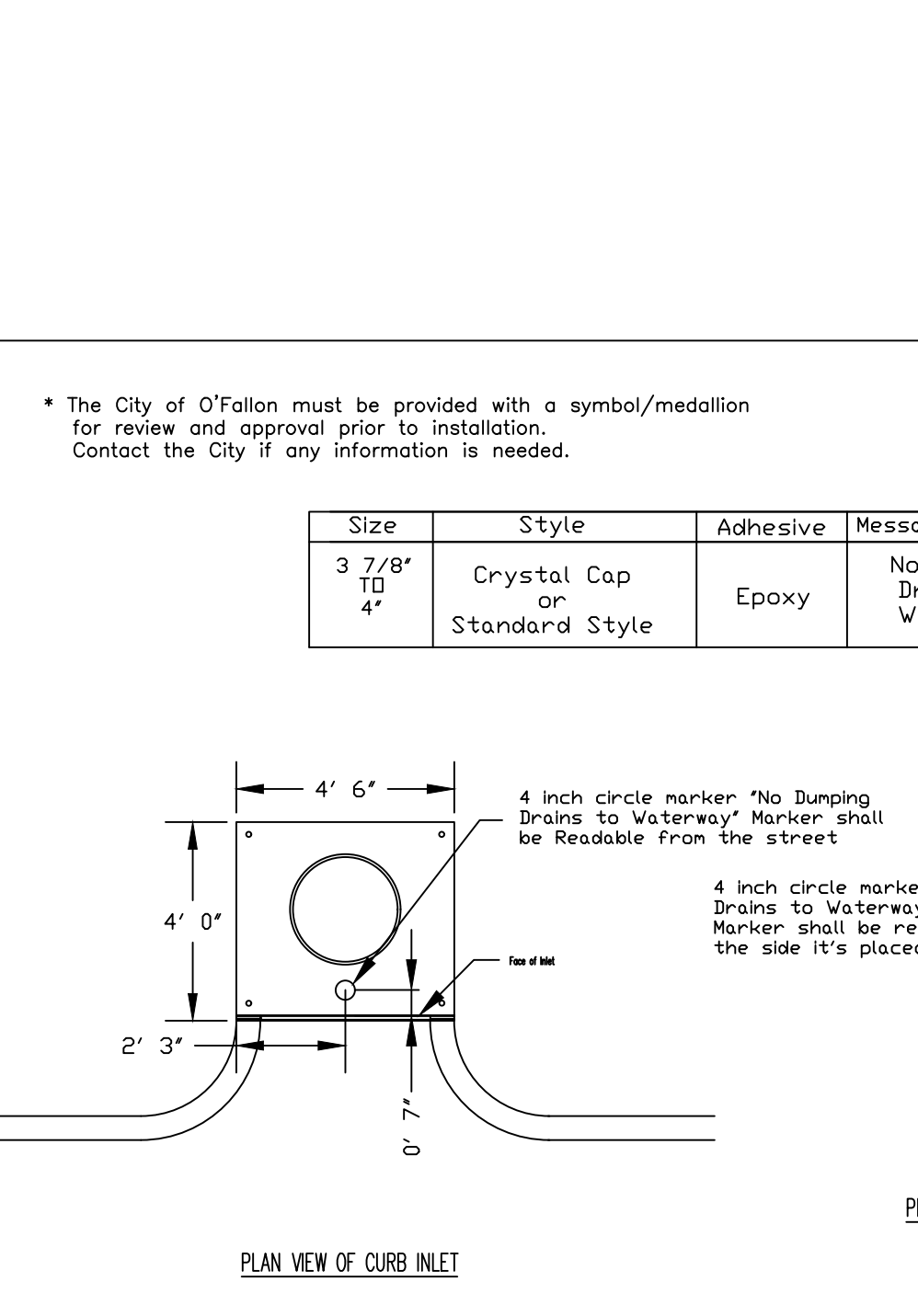
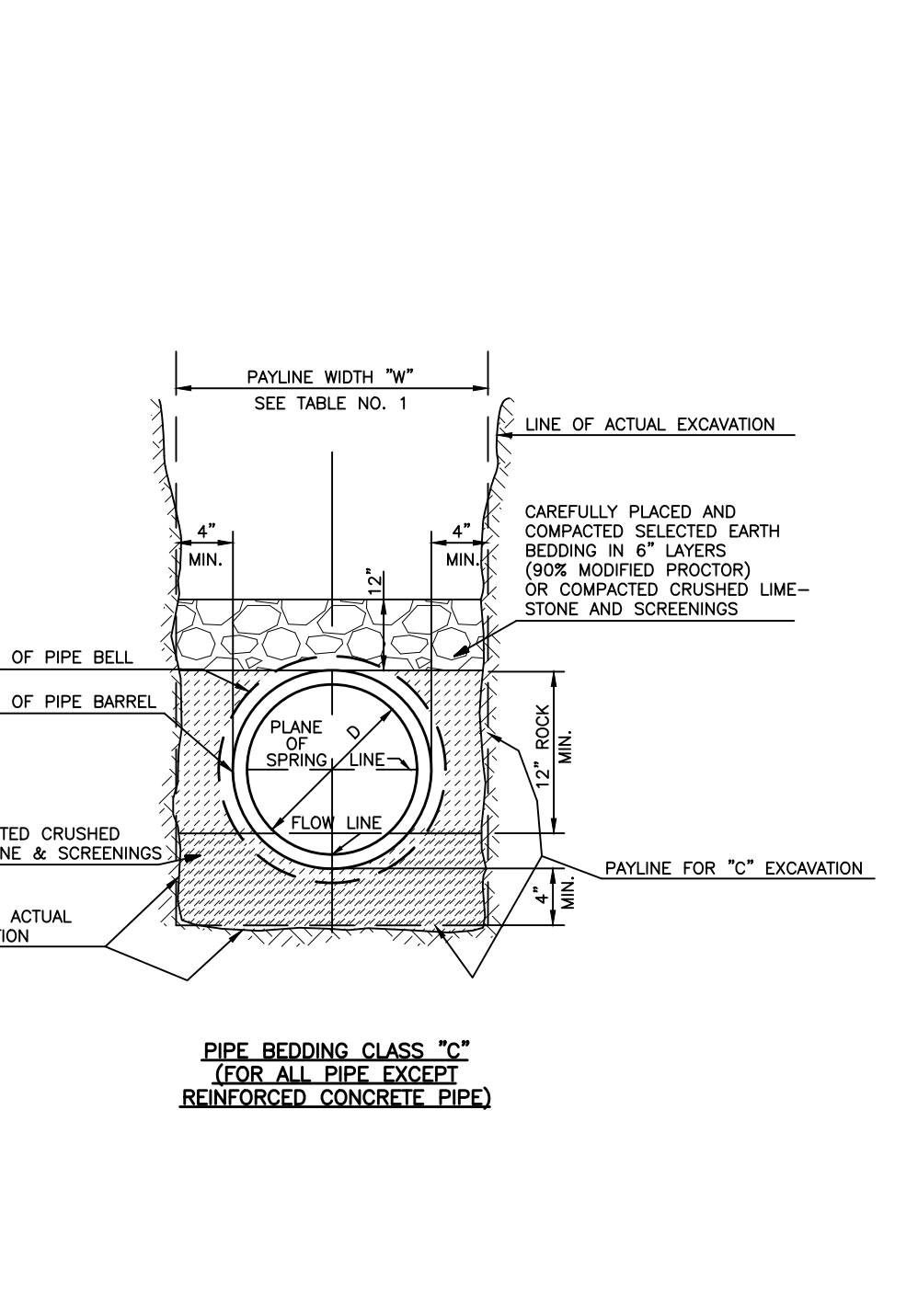
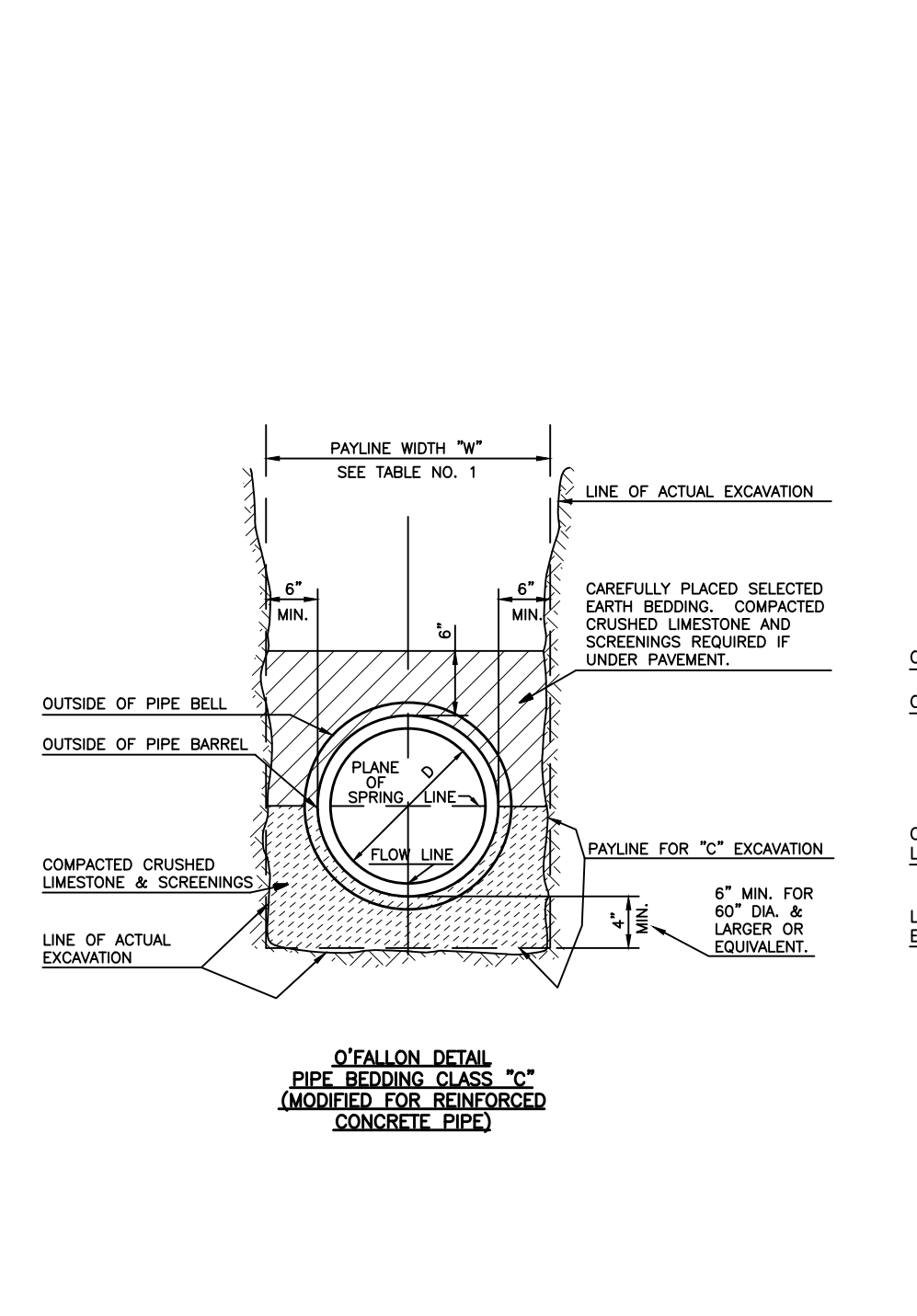
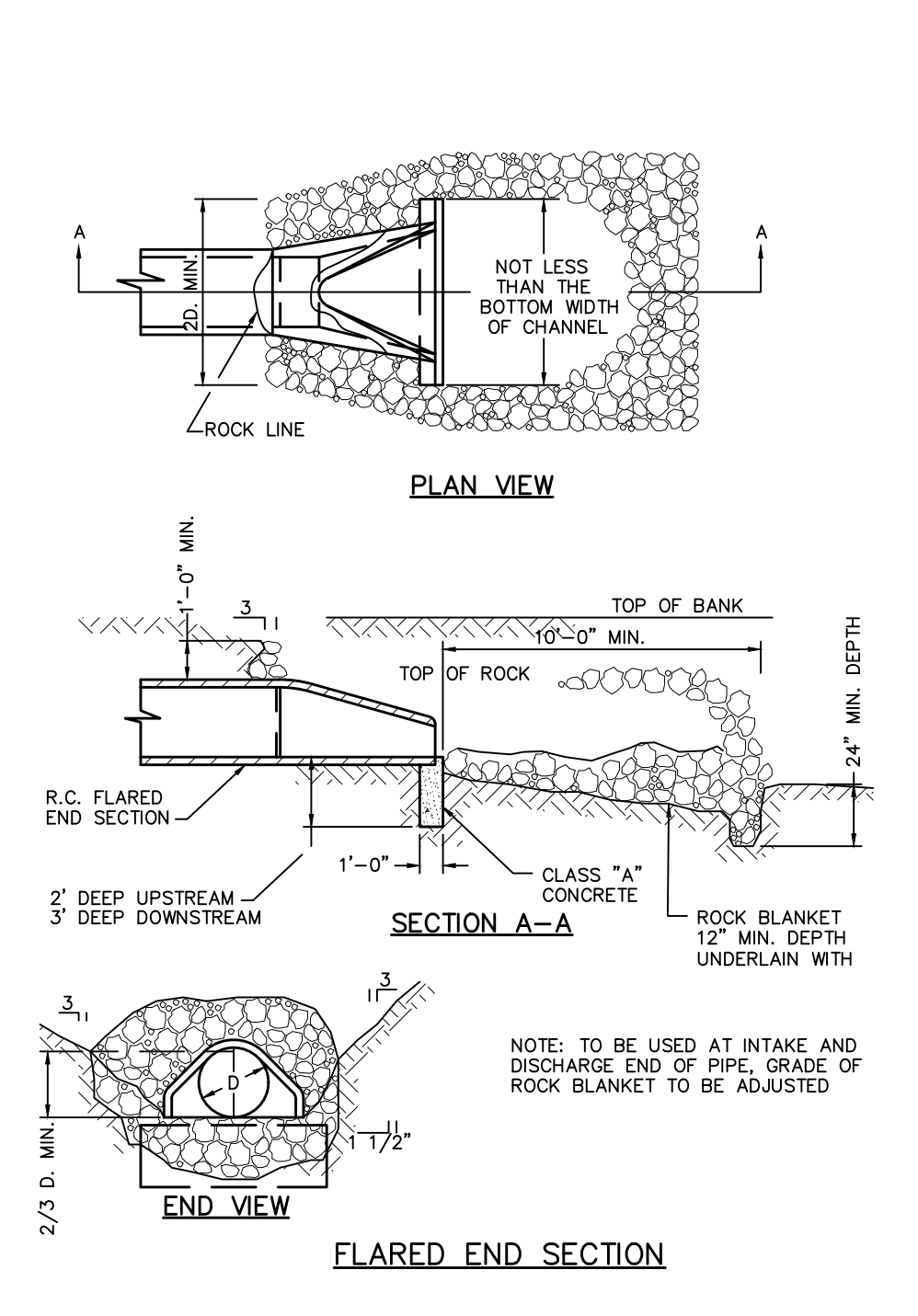
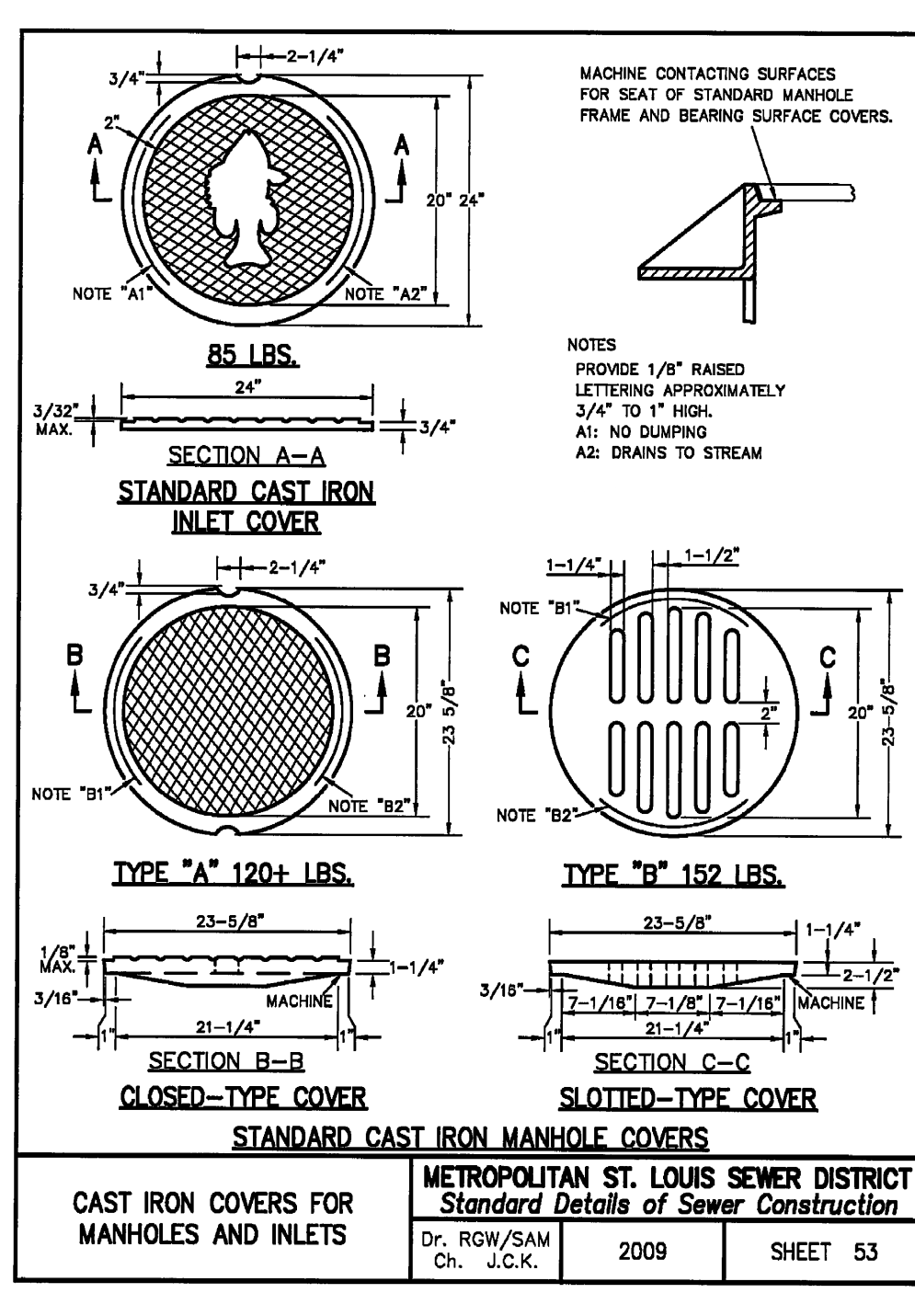
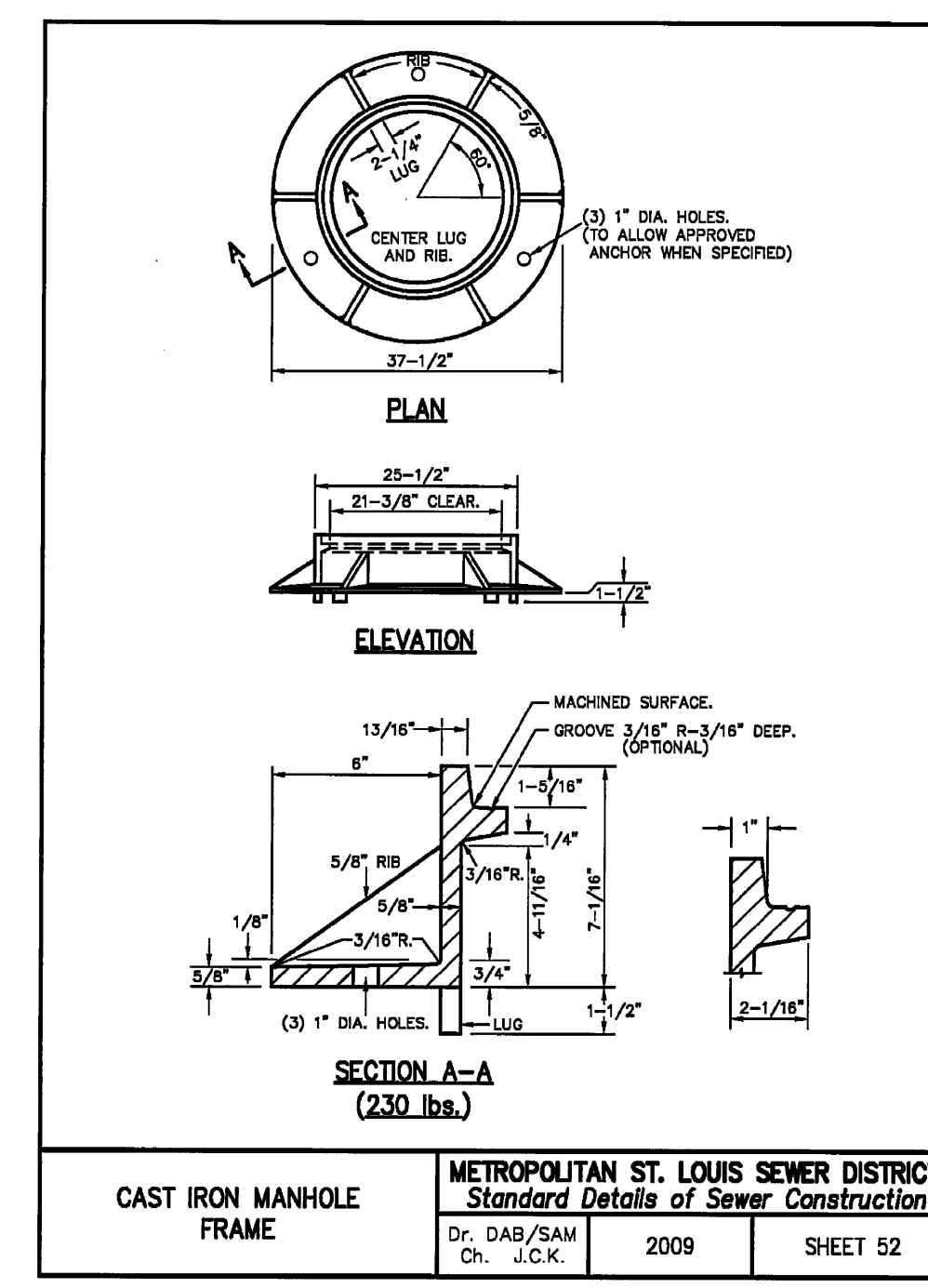
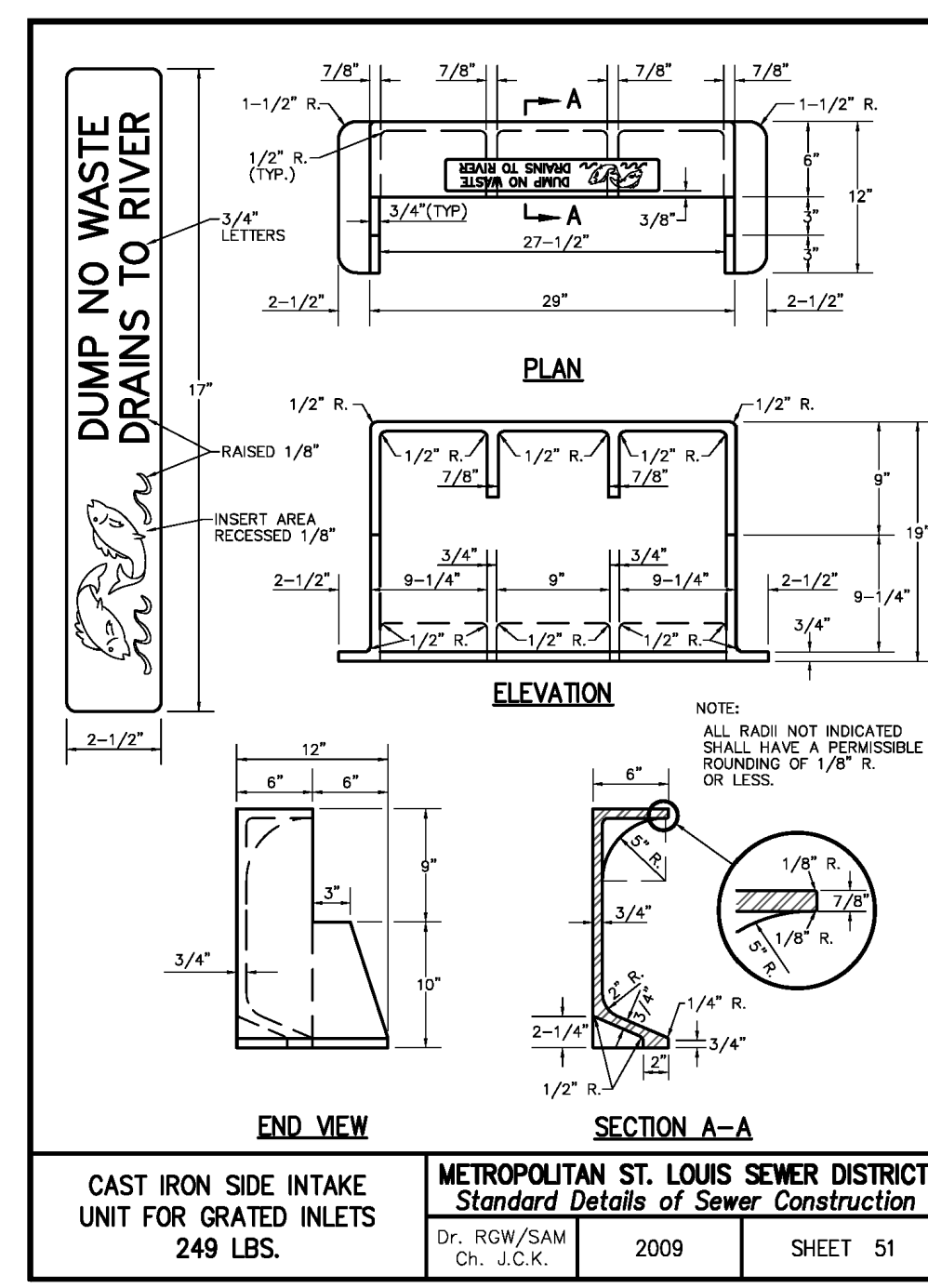
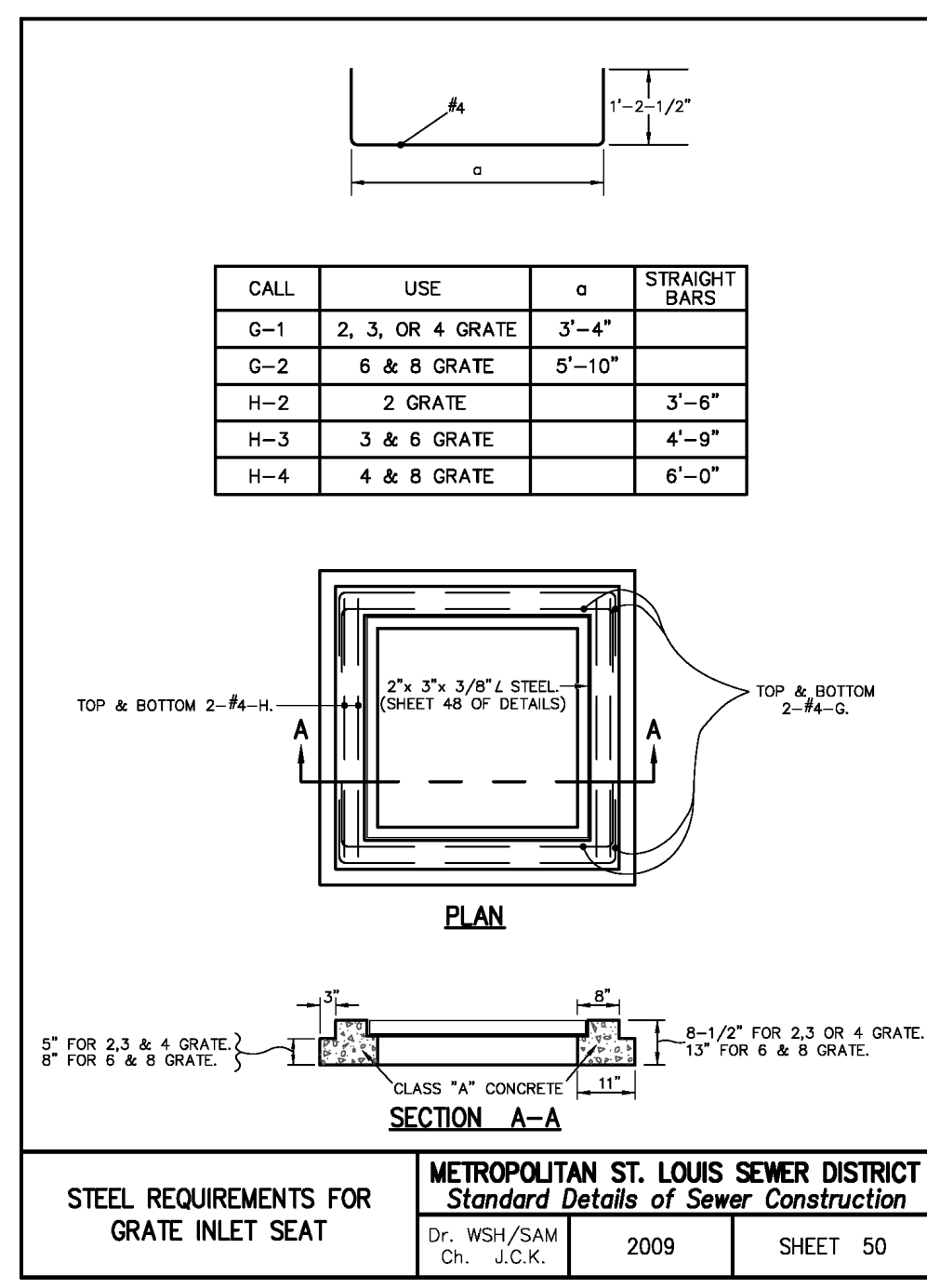
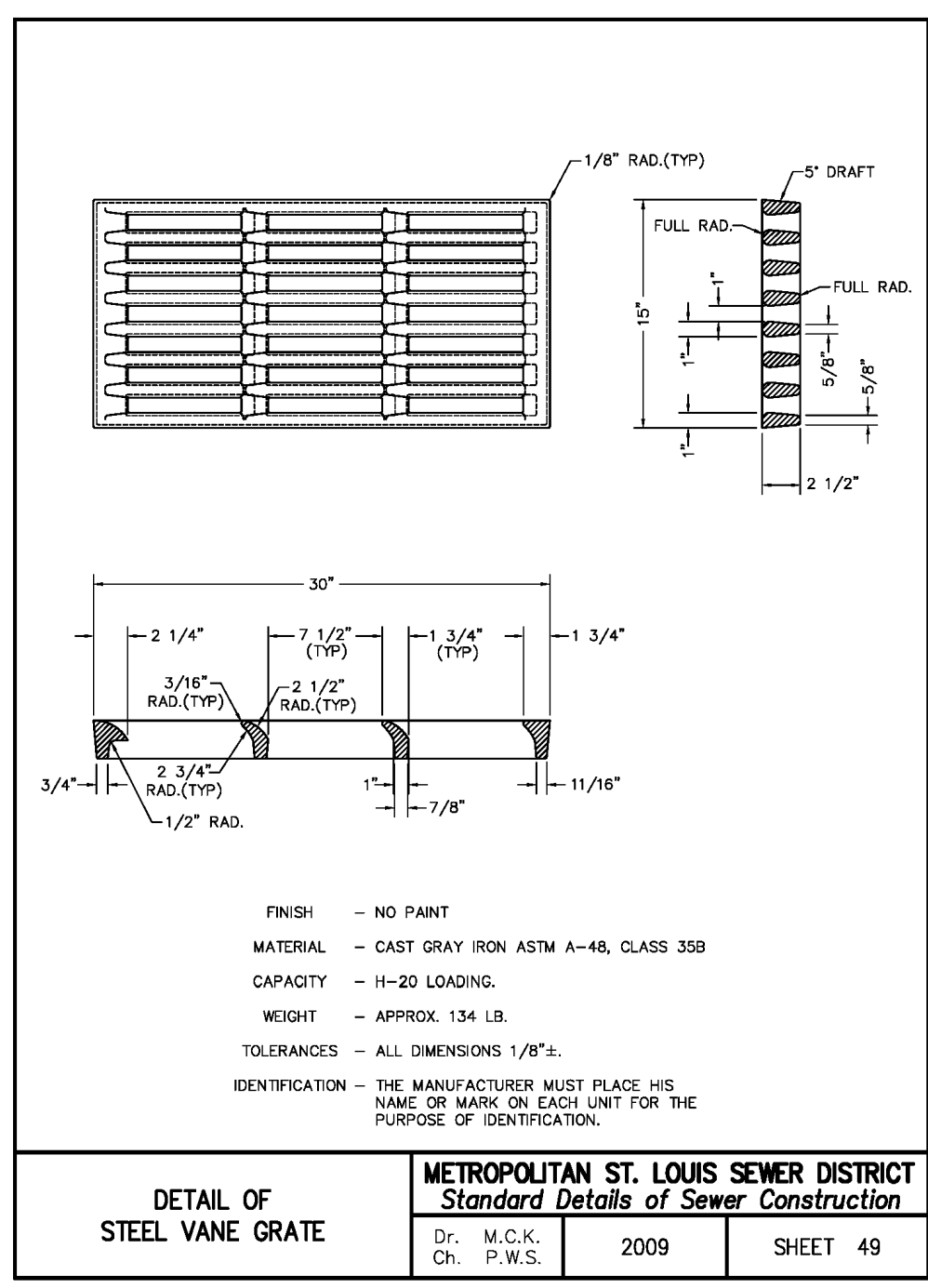
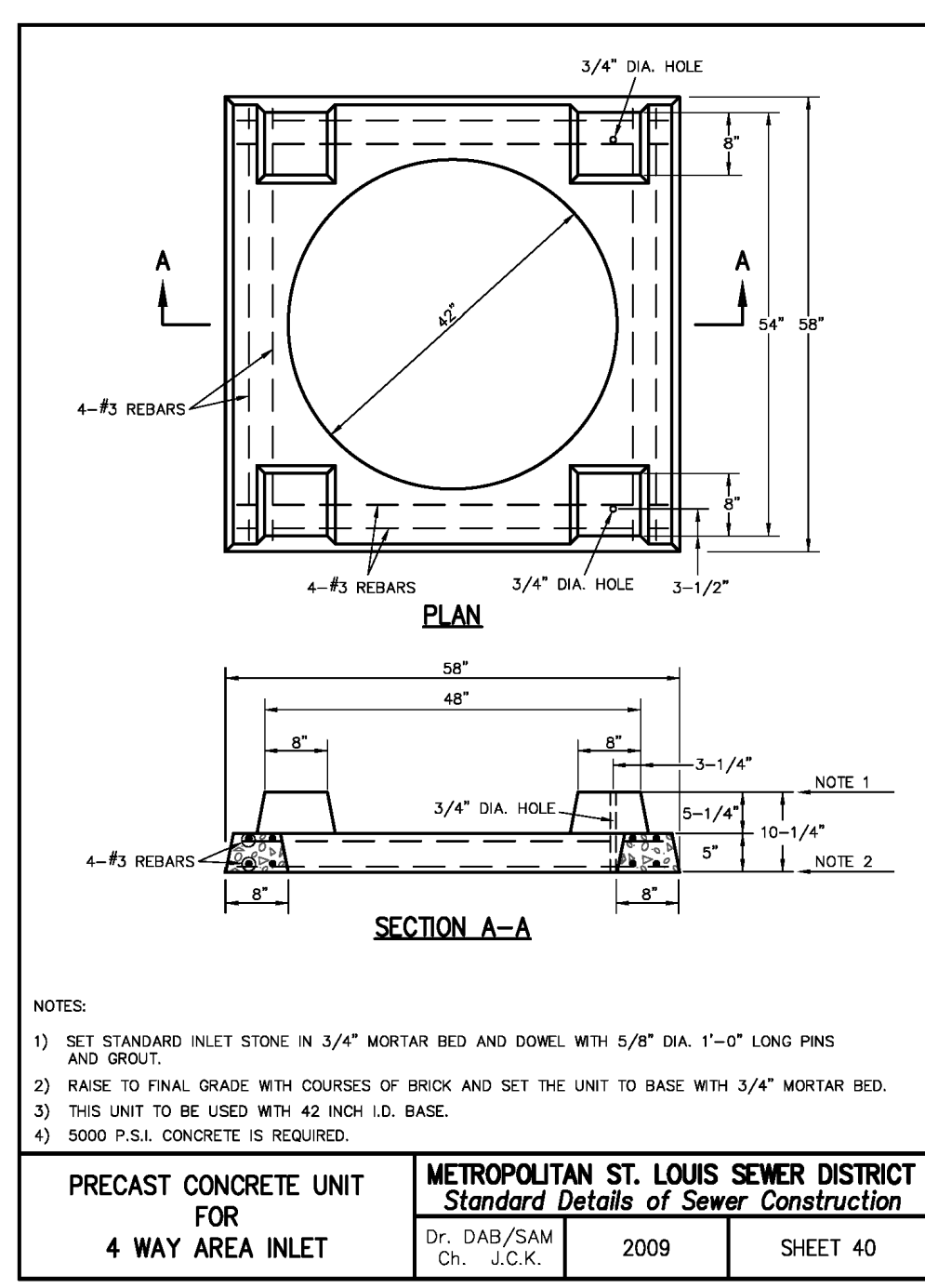
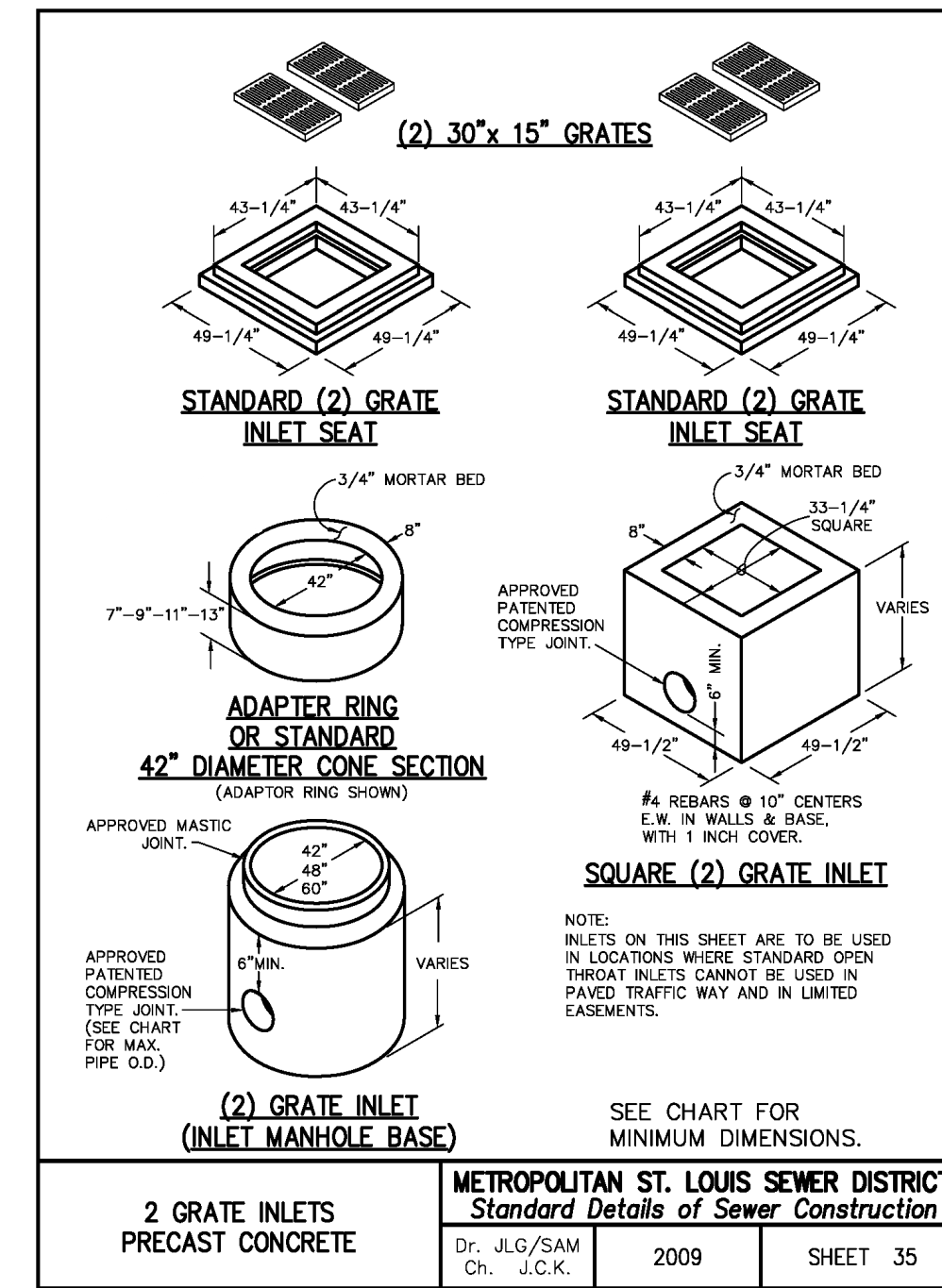
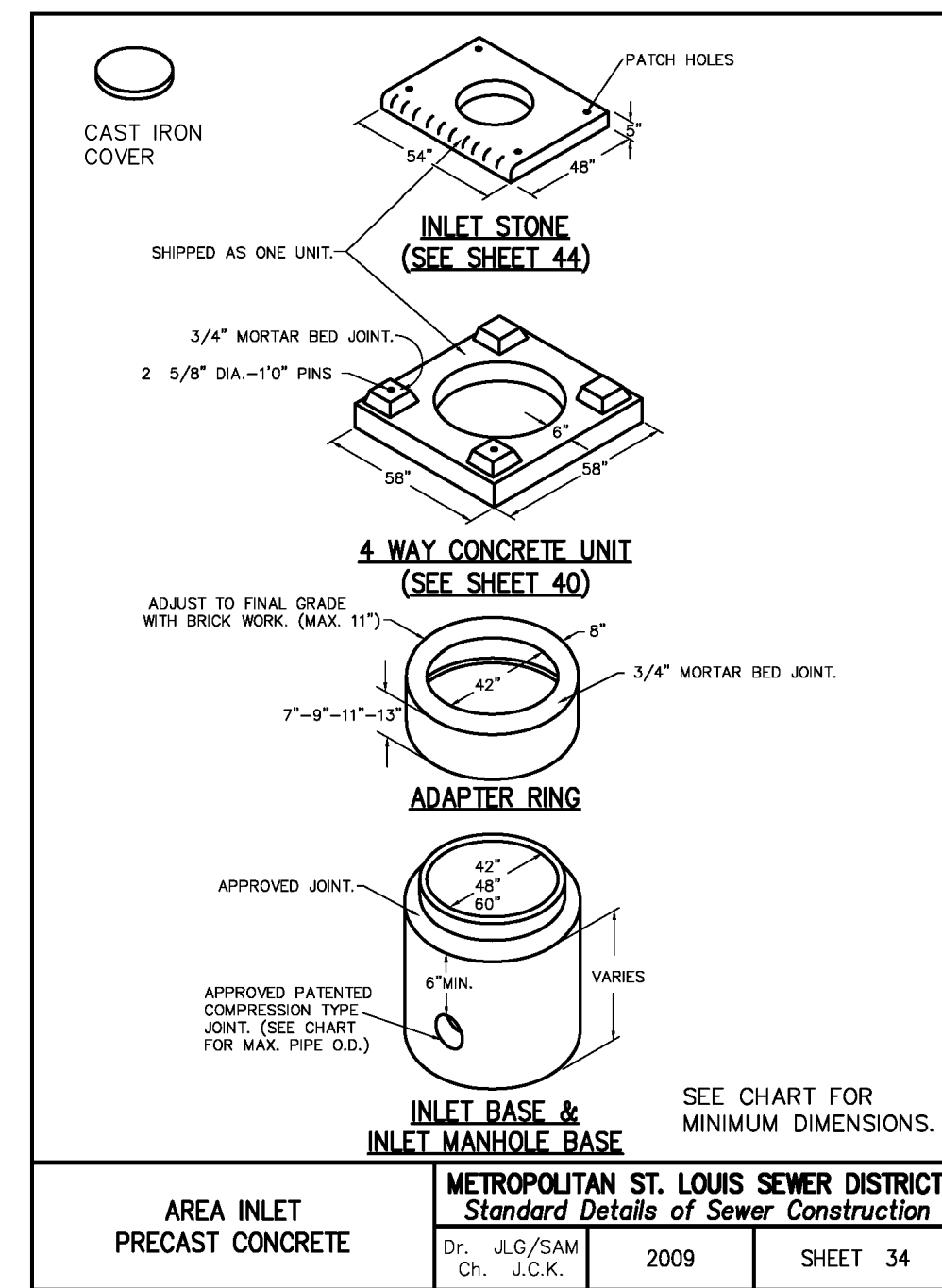
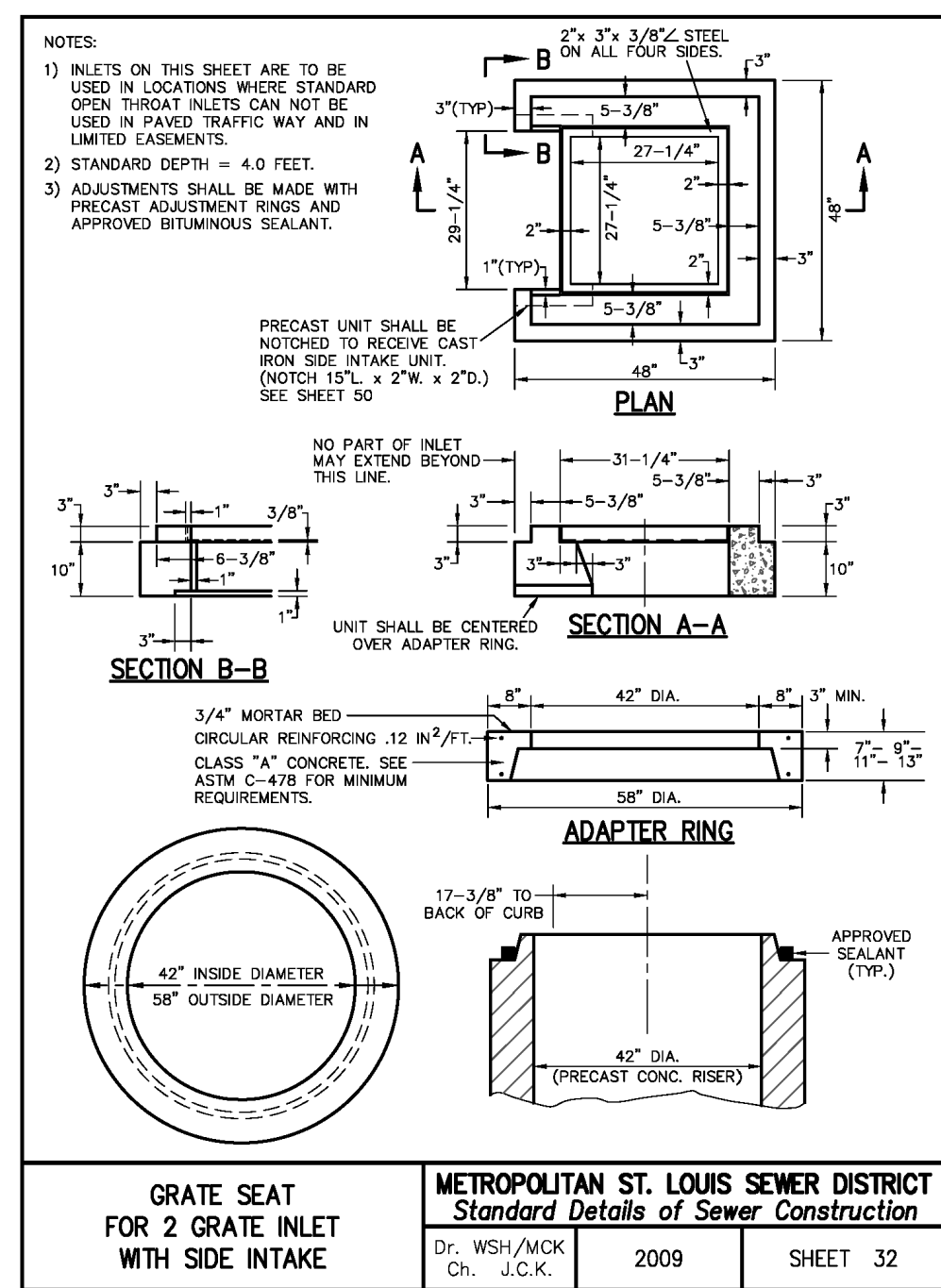
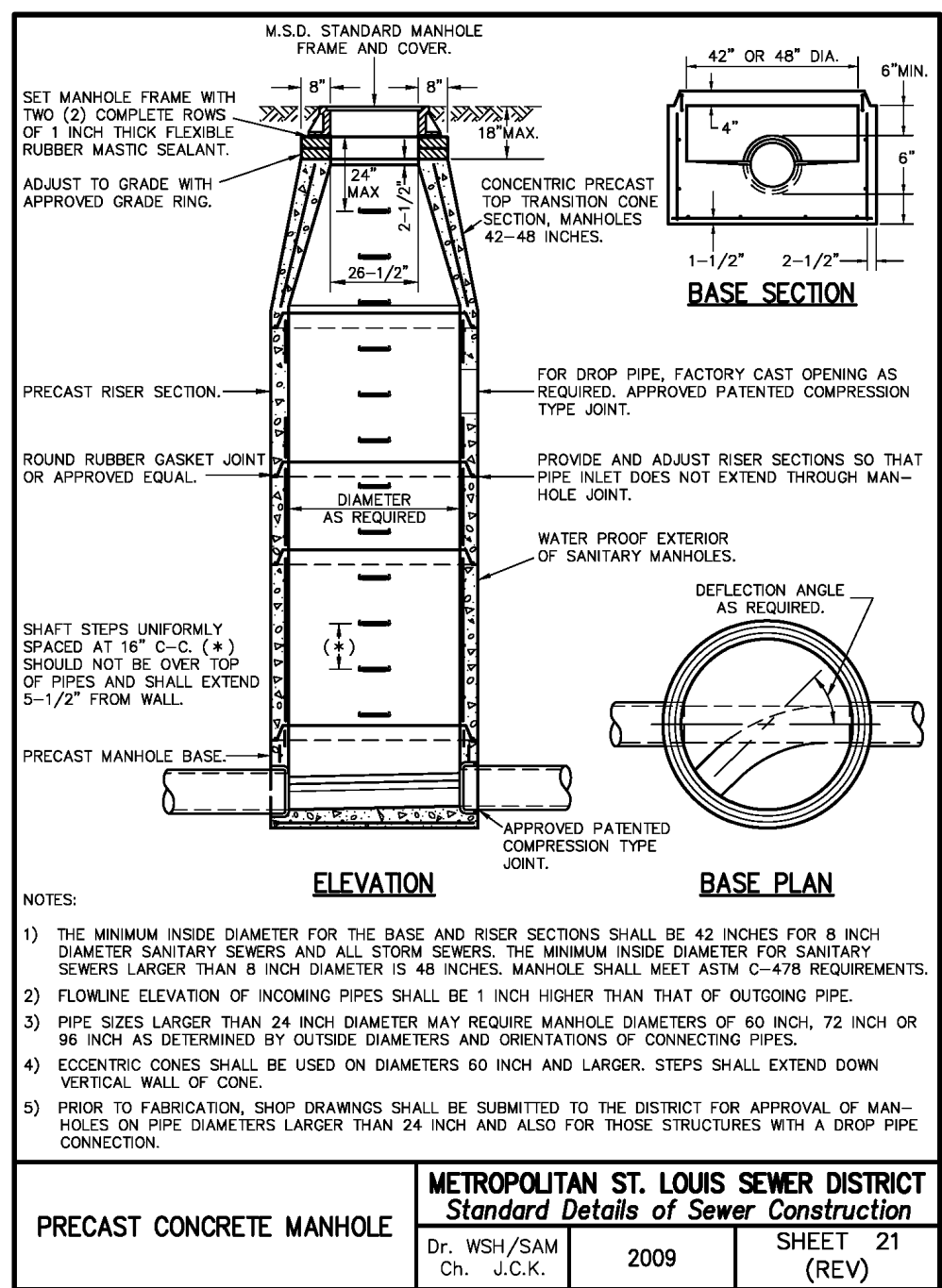


ROUND PIPE				HORIZONTAL ELLIPTICAL PIPE			
INSIDE DIAMETER OF PIPE (INCHES)	"W" PAYLINE WIDTH OF TRENCH (INCHES)	"W" PAYLINE WIDTH OF TRENCH (FEET)	PAY-VOLUMES CU. FT. PER FT. OF CONCRETE ENCASEMENT	"W" DIMENSIONS OF PIPE (INCHES)	"W" PAYLINE WIDTH OF TRENCH (INCHES)	"W" PAYLINE WIDTH OF TRENCH (FEET)	PAY-VOLUMES CU. FT. PER FT. OF CONCRETE ENCASEMENT
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	39	3.25	6.61				
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	49	4.08	9.30	24 x 38	58	4.83	9.70
33	53	4.42	10.53	27 x 42	62	5.17	10.71
36	56	4.67	11.43	29 x 45	66	5.50	11.72
39	D I S C O N T I N U E D			32 x 49	71	5.92	13.14
42	63	5.25	13.38	34 x 53	75	6.25	14.05
46	70	5.83	15.67	38 x 60	83	6.92	16.18
54	77	6.42	18.15	43 x 68	92	7.67	18.81
60	84	7.00	20.73	48 x 76	101	8.42	21.59
66	91	7.58	23.45	53 x 83	109	9.08	24.35
72	98	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	40.69
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				
132	168	14.00	63.27	106 x 158	202	16.83	64.48
144	182	15.17	72.40	116 x 180	218	18.17	73.59

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

METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction			
Dr. DAB/SAM Ch. J.C.K.	2009	SHEET 1	



ENGINEER SEAL DOES NOT APPLY TO MSD AND CITY OF O'FALLON DETAILS

PROJECT TITLE:
CONSTRUCTION PLANS FOR
Mexico Road Animal Hospital
1190 Sonderen Street
O'Fallon, MO 63376

ENGINEERING PLANNING SURVEYING
22 Point West Blvd.
St. Charles, MO 63081
636-628-5662
FAX 636-928-1718

DISCLAIMER OF RESPONSIBILITY
I hereby specify that the documents intended to be submitted 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 work.

LARRY D. WALKER
Professional Engineer
No. 000955
03/01/22

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Authority No. 000955
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REVISIONS

NO.	DATE	DESCRIPTION
01-06-22	01-06-22	CITY COMMENTS
01-06-22	01-06-22	FIRE DIST. COMMENTS
03-01-22	03-01-22	CITY COMMENTS

Developer / Owner:
Hoernig Veterinary Services L.L.C.
25 Smetana
Wentzville, MO 63385
(573) 513-1525

P+Z No. 21-004881
Approved: 07-01-21

City No. #

Page No. 14 of 15

CONSTRUCTION DETAILS