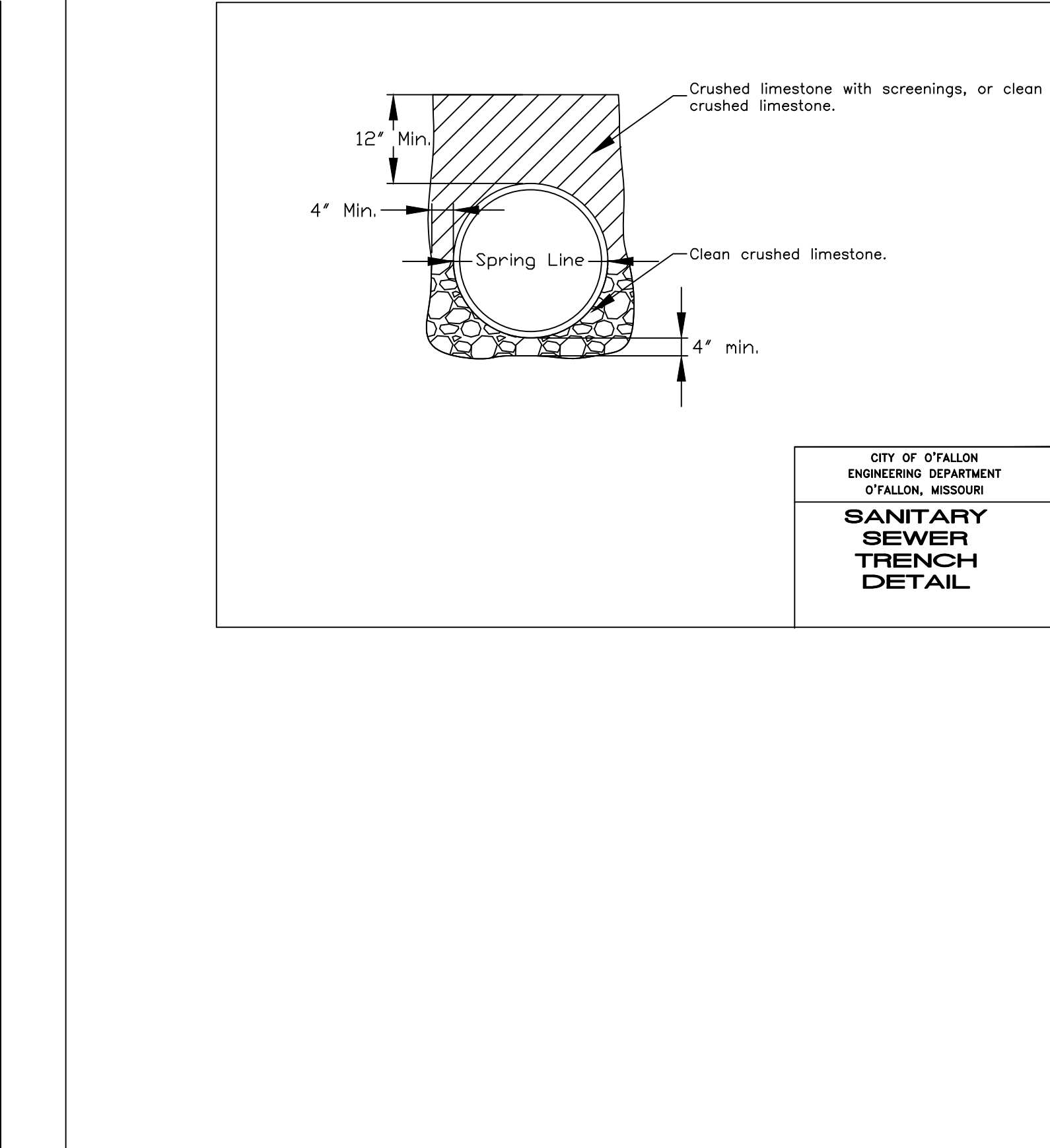
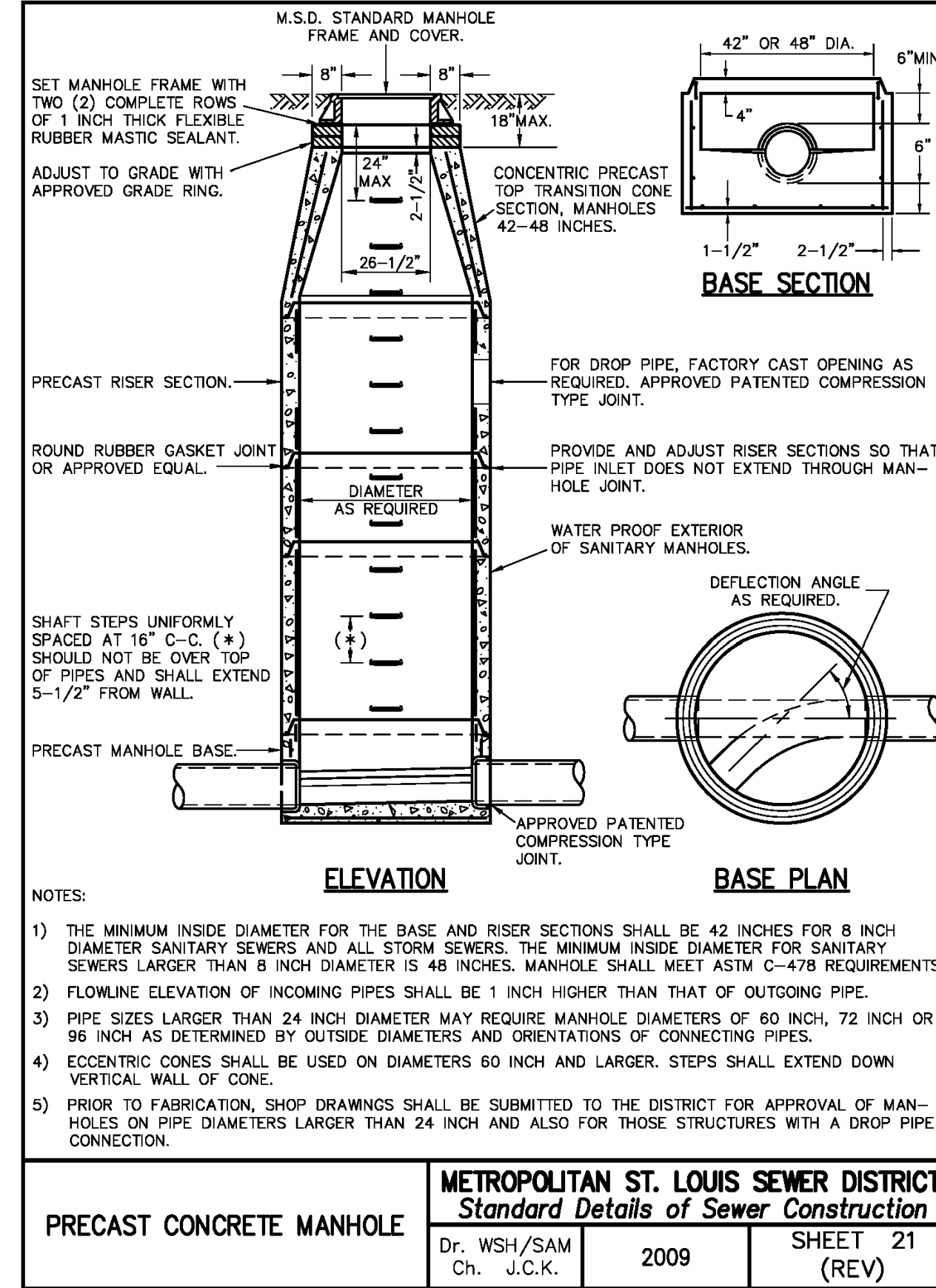
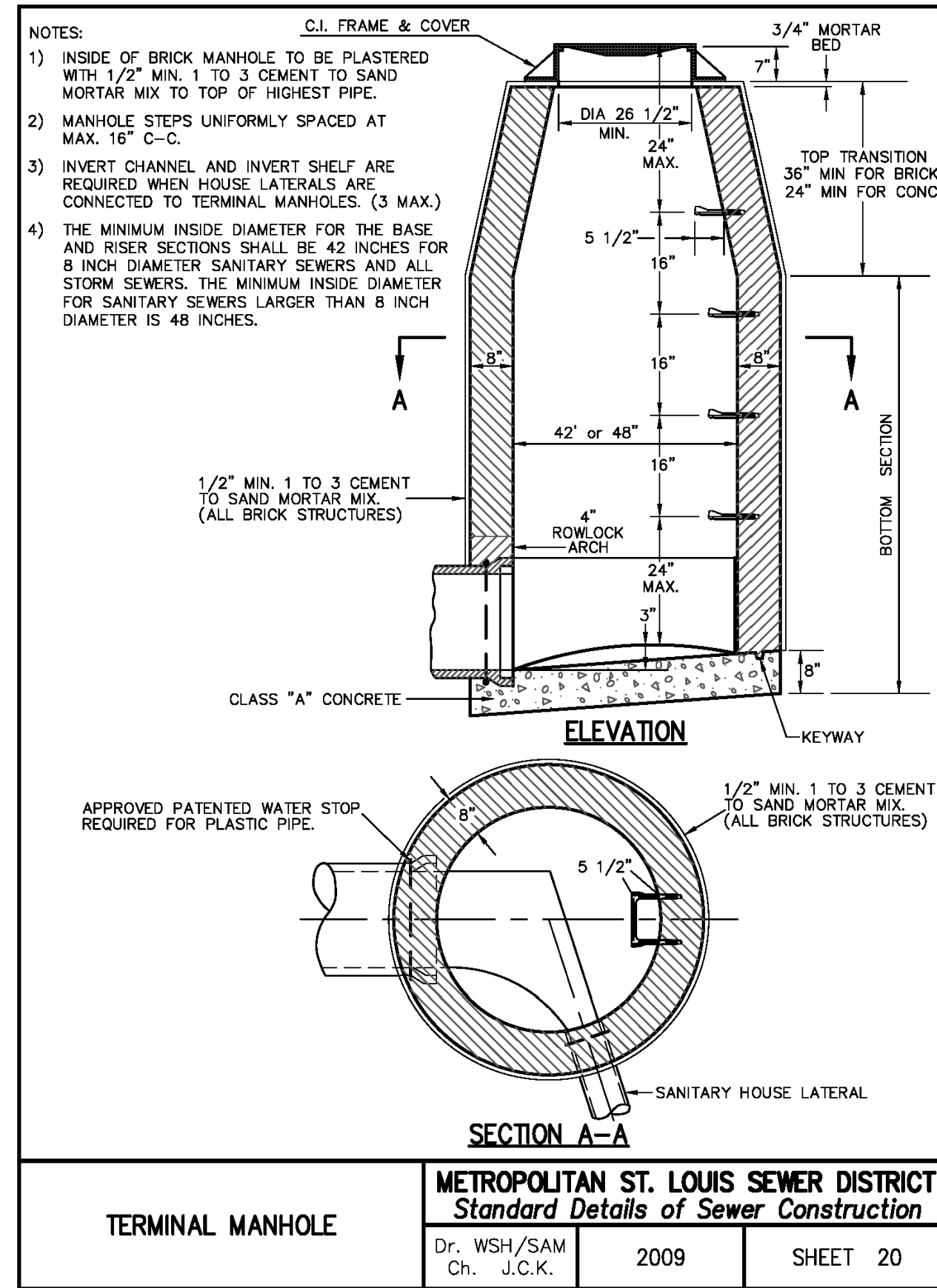


ROUND PIPE				HORIZONTAL ELLIPTICAL PIPE			
INSIDE DIAMETER OF PIPE (INCHES)	"W" PAYLINE WIDTH OF TRENCH (INCHES)	"W" PAYLINE WIDTH OF TRENCH (FEET)	PAY-VOLUMES CONCRETE ENCASUREMENT QJ. FT. PER FT.	INSIDE DIMENSIONS OF PIPE (INCHES)	"W" PAYLINE WIDTH OF TRENCH (INCHES)	"W" PAYLINE WIDTH OF TRENCH (FEET)	PAY-VOLUMES CONCRETE ENCASUREMENT QJ. 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	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	DISCONTINUED			32 x 49	71	5.92	13.14
42	63	5.25	13.38	34 x 53	75	6.25	14.05
48	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 166	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. B.E.B. Ch. J.C.K. 2009 SHEET 1



A SET OF CONSTRUCTION PLANS FOR
SANITARY SEWER & WATER MAIN EXTENSIONS FOR
ALPINE WOODS
#1601 BELLEAU CREEK ROAD
ST. CHARLES COUNTY, MO 63366

PREPARED FOR:
TOM GLOSER
3032 SOMERSET BLVD.
ST. CHARLES, MO 63301
636-397-4471

BAT

ENGINEERING
PLANNING
SURVEYING

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636-928-5552
FAX 928-1718

Box Engineering Company, Inc.
Missouri State Certificate of Authority
Engineering #000655
Missouri State Certificate of Authority
Surveying #000144

REVISIONS

DATE	CITY COMMENTS
05/18/23	CITY COMMENTS
06/13/23	CLIENT COMMENTS
06/15/23	CLIENT COMMENTS
08/11/23	CITY OF O'FALLON & ST. PETERS COMMENTS
10/26/23	CITY OF O'FALLON & ST. PETERS COMMENTS
11/14/23	CITY OF O'FALLON & ST. PETERS COMMENTS
12/05/23	CITY OF O'FALLON COMMENTS
04/16/24	CITY OF O'FALLON COMMENTS

DISCLAIMER OF RESPONSIBILITY
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 other than those authenticated by my seal.

12/06/2022
DATE

22-18692
PROJECT NUMBER

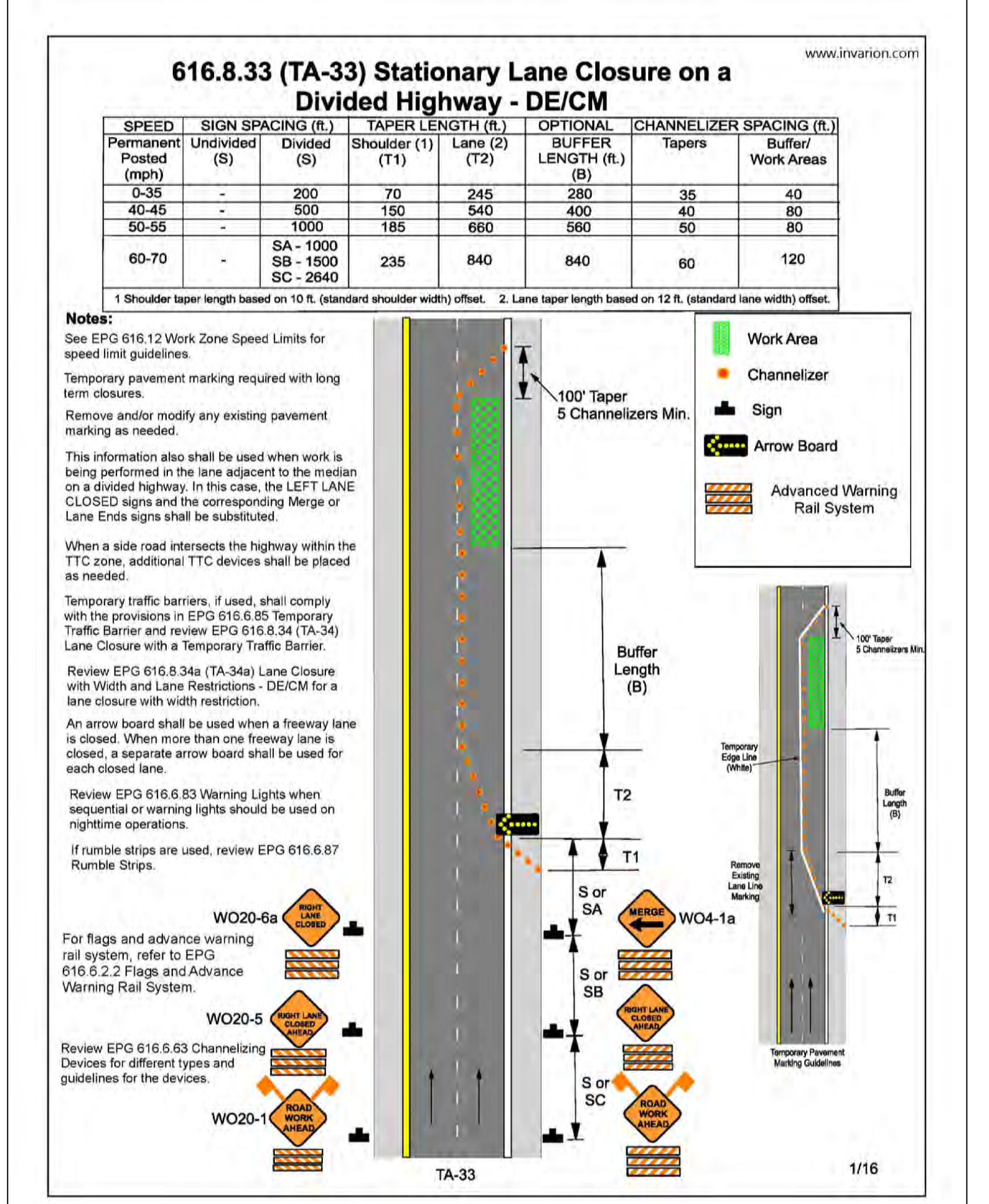
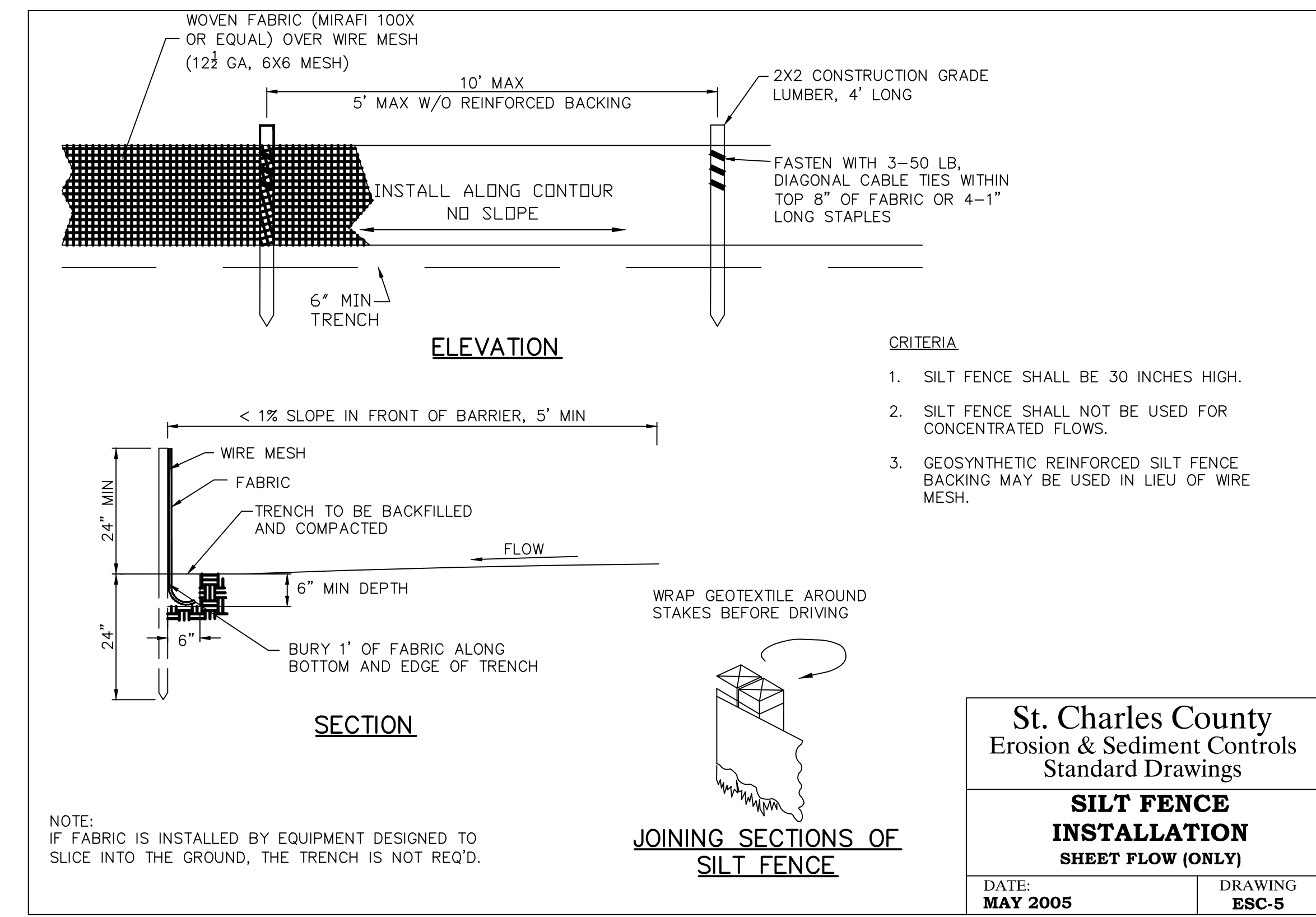
18692CON.DWG
FILE NAME

CLM
DRAWN

JBS JBS
DESIGNED CHECKED

CONSTRUCTION DETAILS

C-7



ENGINEERS SEAL DOES NOT APPLY TO
STANDARD DETAILS BY OTHERS ON THIS SHEET.