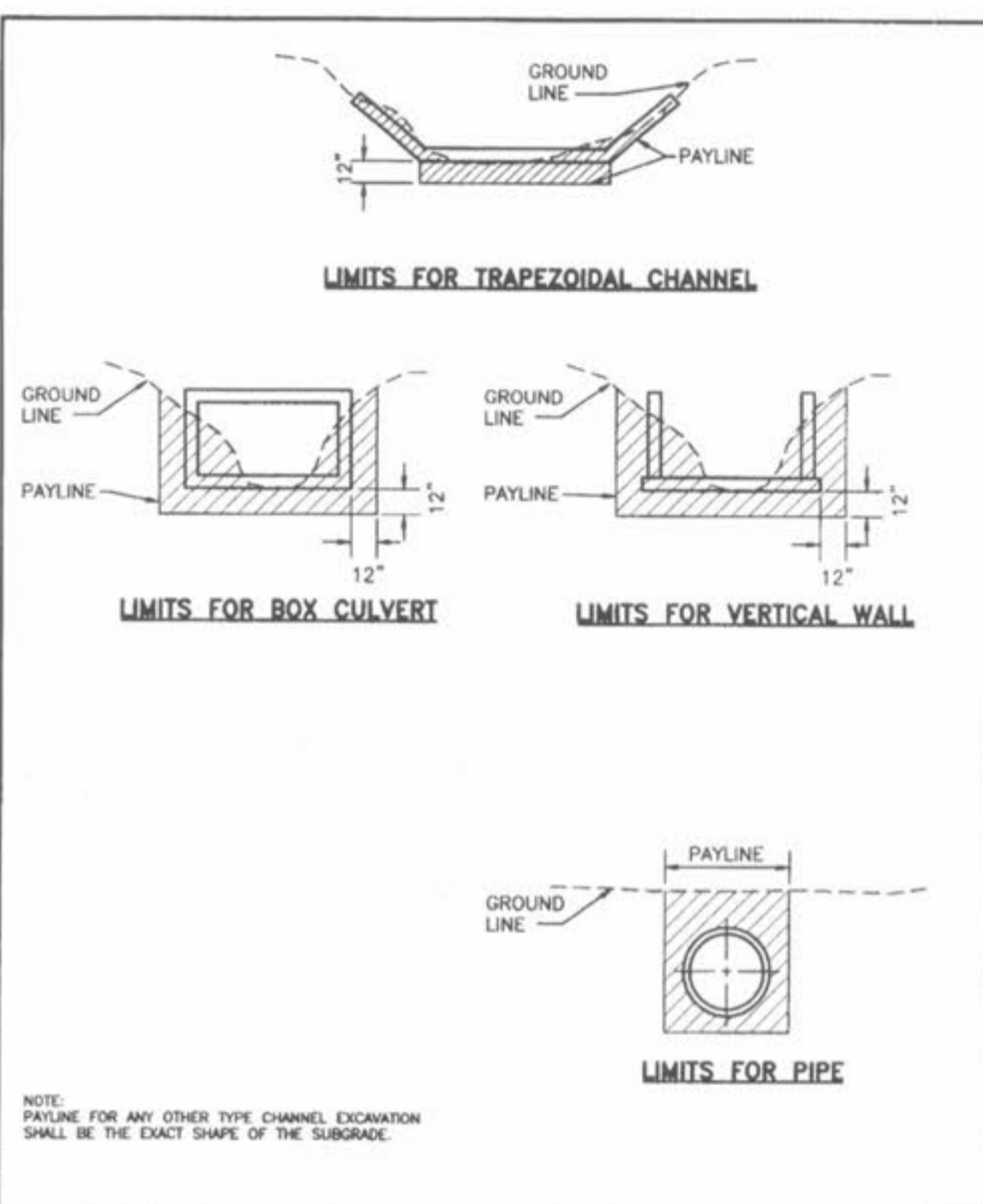


ROUND PIPE				HORIZONTAL ELLIPTICAL PIPE			
INSIDE DIAMETER OF PIPE (INCHES)	"W" PAYLINE WIDTH OF TRENCH (INCHES)	"W" PAYLINE WIDTH OF TRENCH (FEET)	PAY-VOLUMES CU. FT. PER FT. CONCRETE ENGAGEMENT	INSIDE DIAMETER OF PIPE (INCHES)	"W" PAYLINE WIDTH OF TRENCH (INCHES)	"W" PAYLINE WIDTH OF TRENCH (FEET)	PAY-VOLUMES CU. FT. PER FT. CONCRETE ENGAGEMENT
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

DUCKETT CREEK SANITARY DISTRICT

PAYLINE WIDTHS OF TRENCH AND PAY-QUANTITIES OF CONCRETE

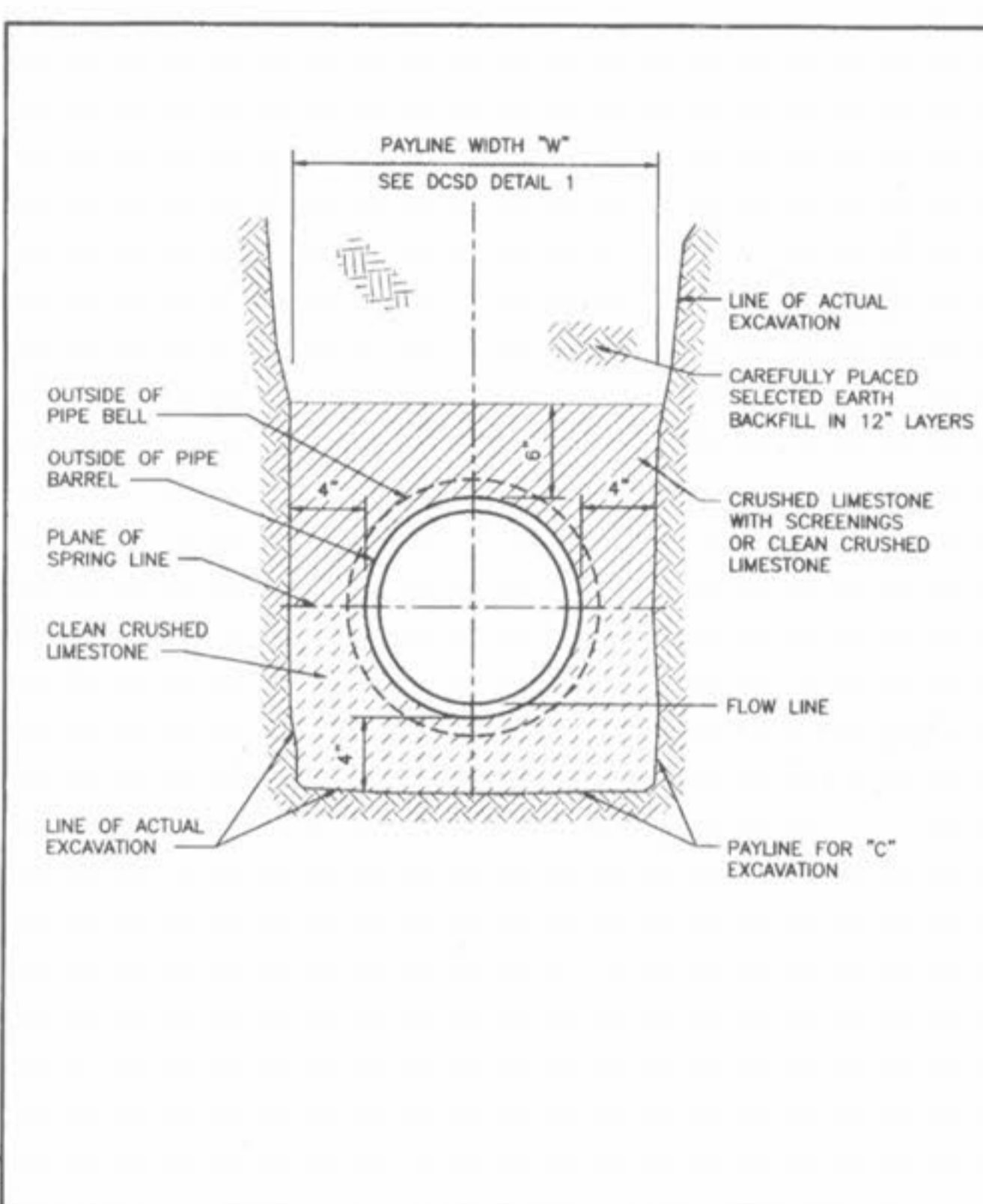
Des. By: BSM	App. By: KLA	Detail No. 1
Chk. By: MDOB	Date: 12-21-99	



DUCKETT CREEK SANITARY DISTRICT

PAYLINE LIMITS FOR EXCAVATION

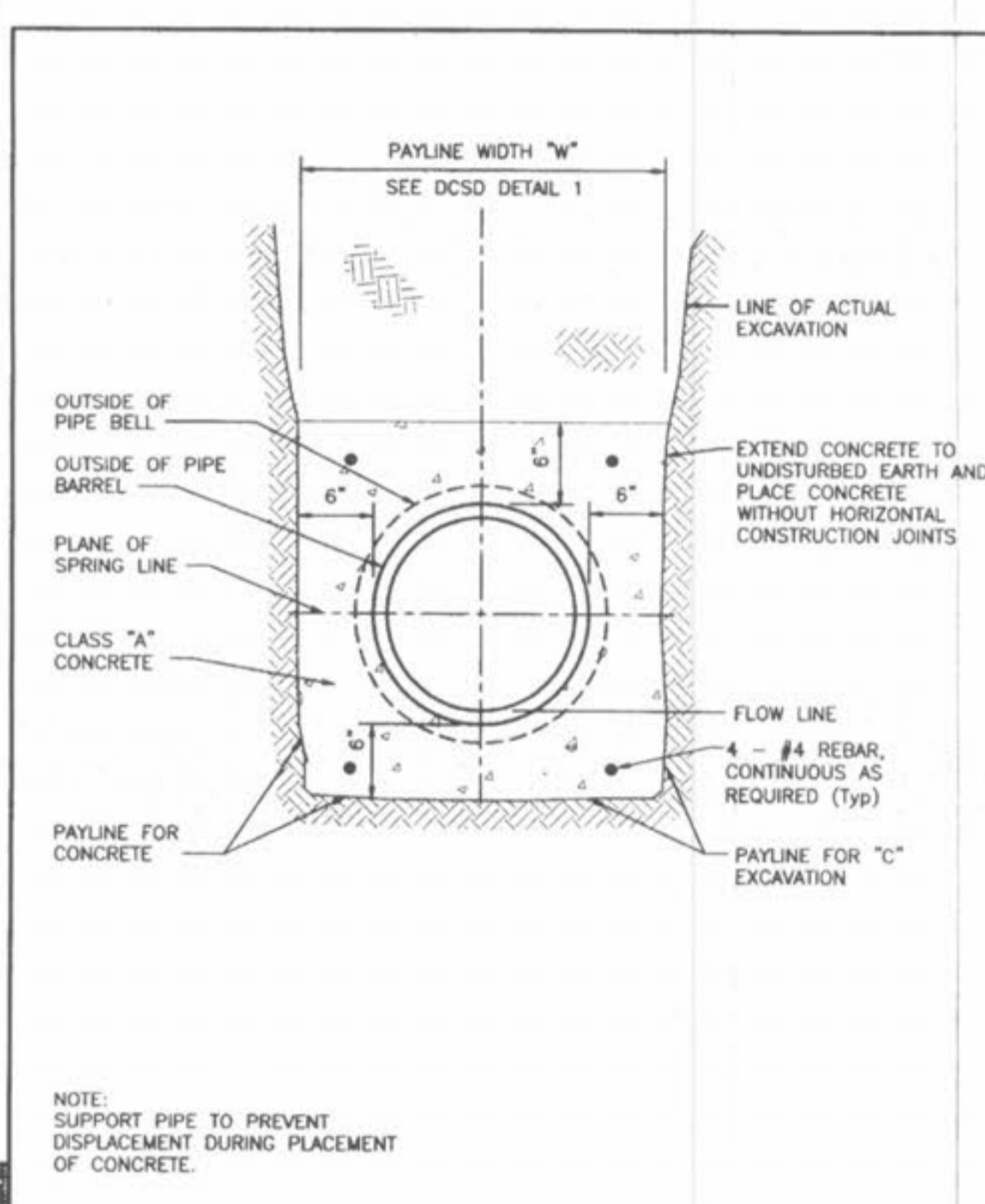
Des. By: BSM	App. By: KLA	Detail No. 2
Chk. By: MDOB	Date: 12-21-99	



DUCKETT CREEK SANITARY DISTRICT

TYPICAL CONCRETE ENCASEMENT

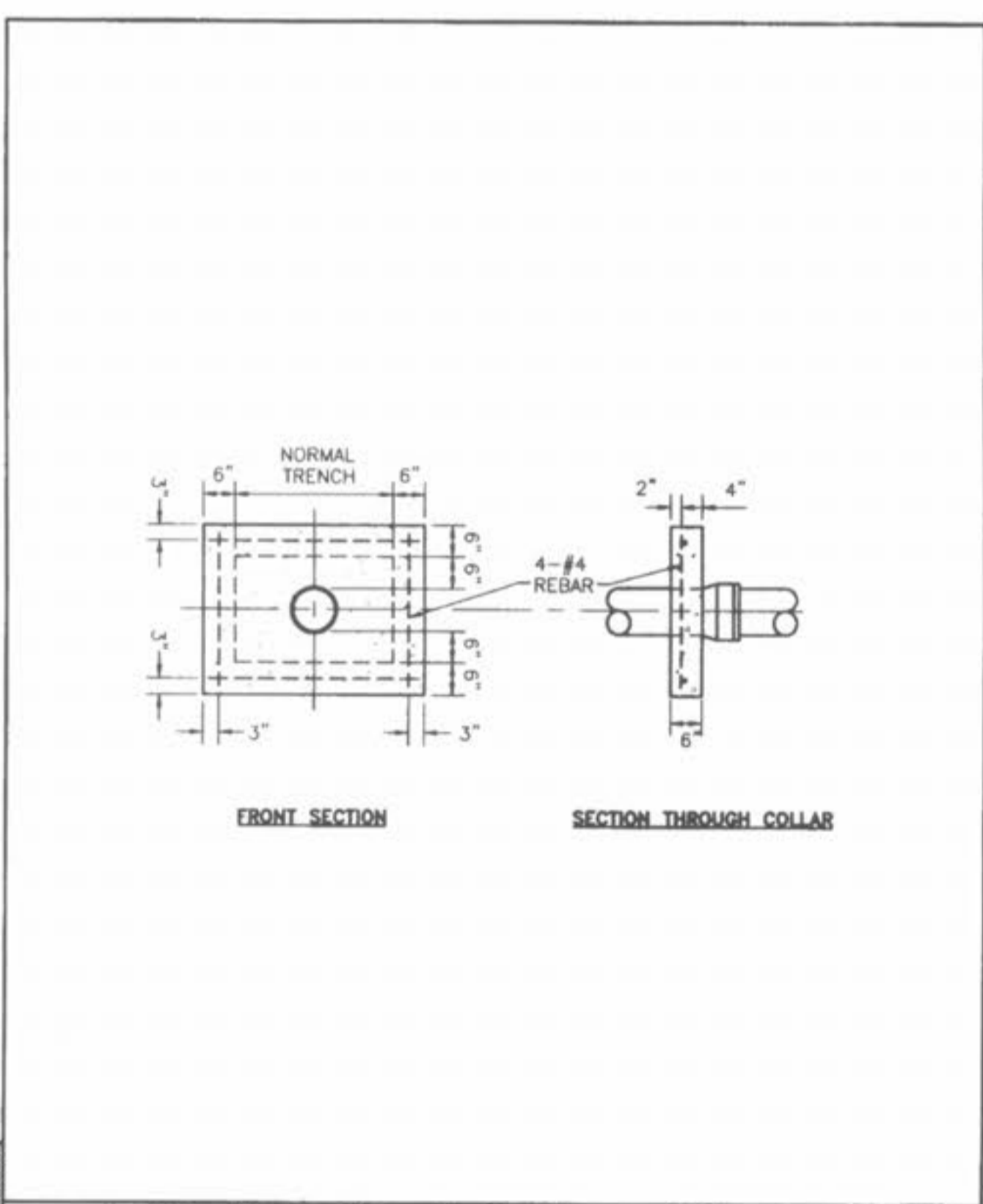
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DUCKETT CREEK SANITARY DISTRICT

TYPICAL CONCRETE ENCASEMENT

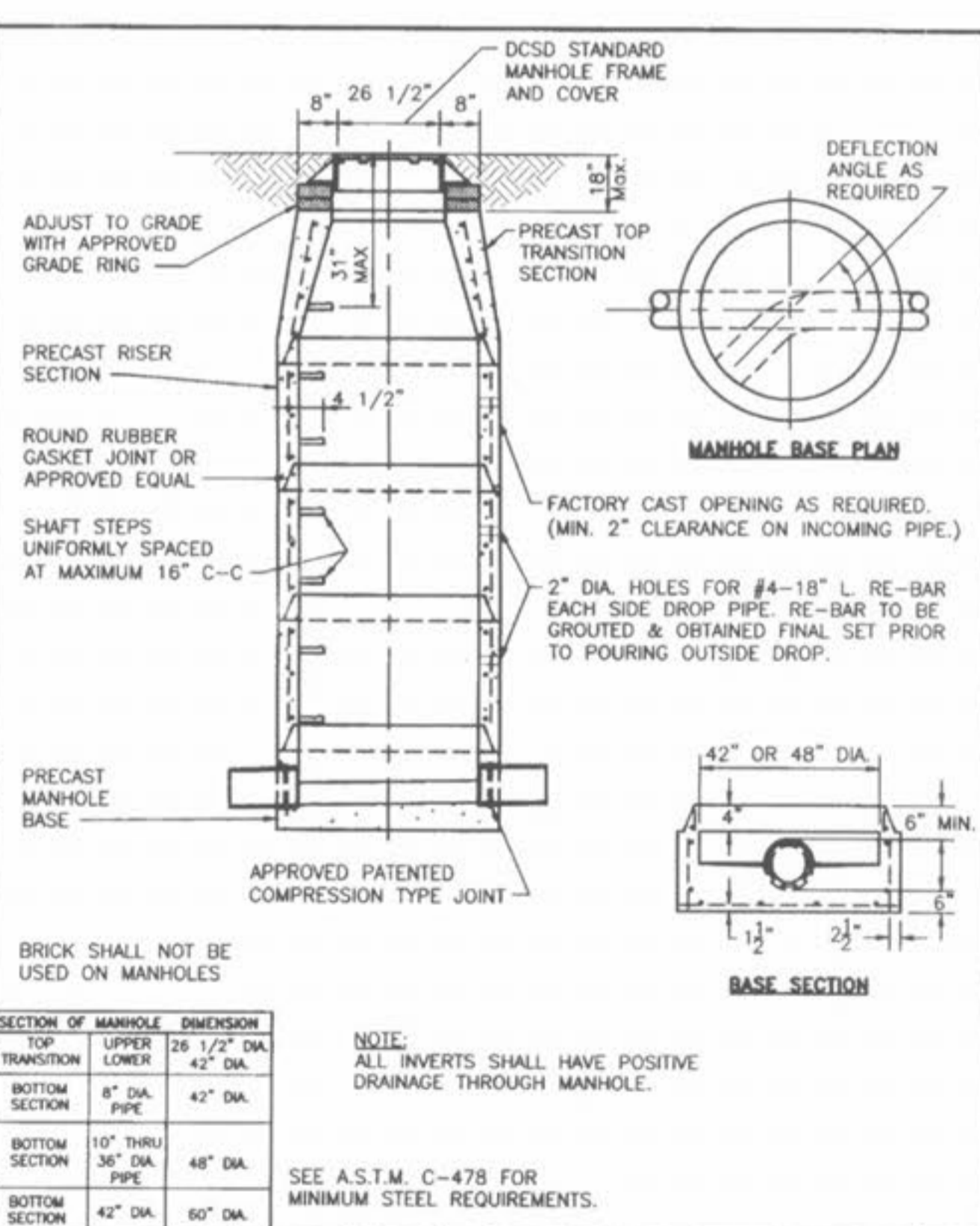
Des. By: BSM	App. By: KLA	Detail No. 4
Chk. By: MDOB	Date: 12-21-99	



DUCKETT CREEK SANITARY DISTRICT

CONCRETE ANTI-SLIP COLLAR FOR PVC PIPE ON PIPE SLOPES FROM 15% TO 50%

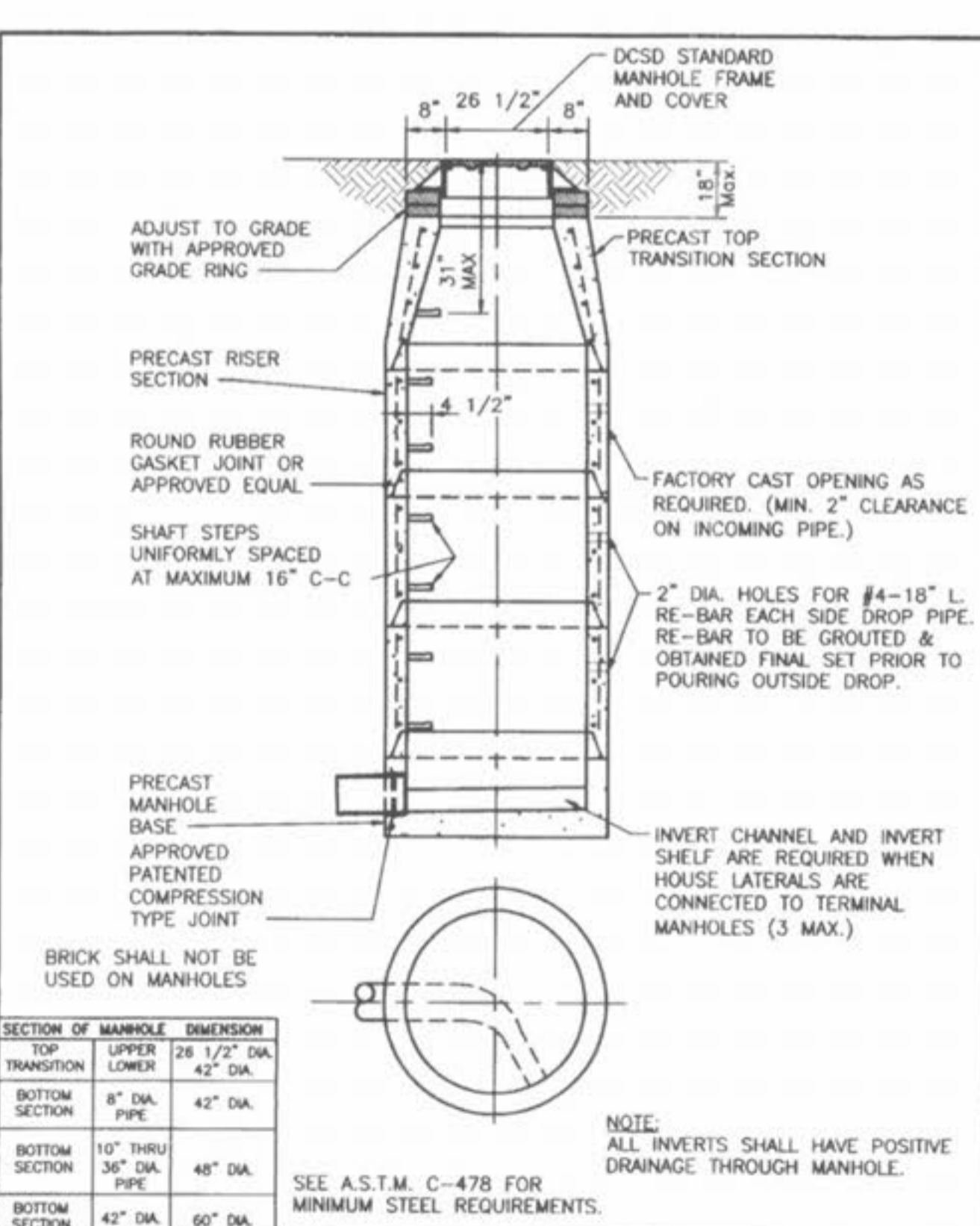
Des. By: BSM	App. By: KLA	Detail No. 5
Chk. By: MDOB	Date: 12-21-99	



DUCKETT CREEK SANITARY DISTRICT

PRE-CAST CONCRETE MANHOLE FOR SEWERS 8" THROUGH 18"

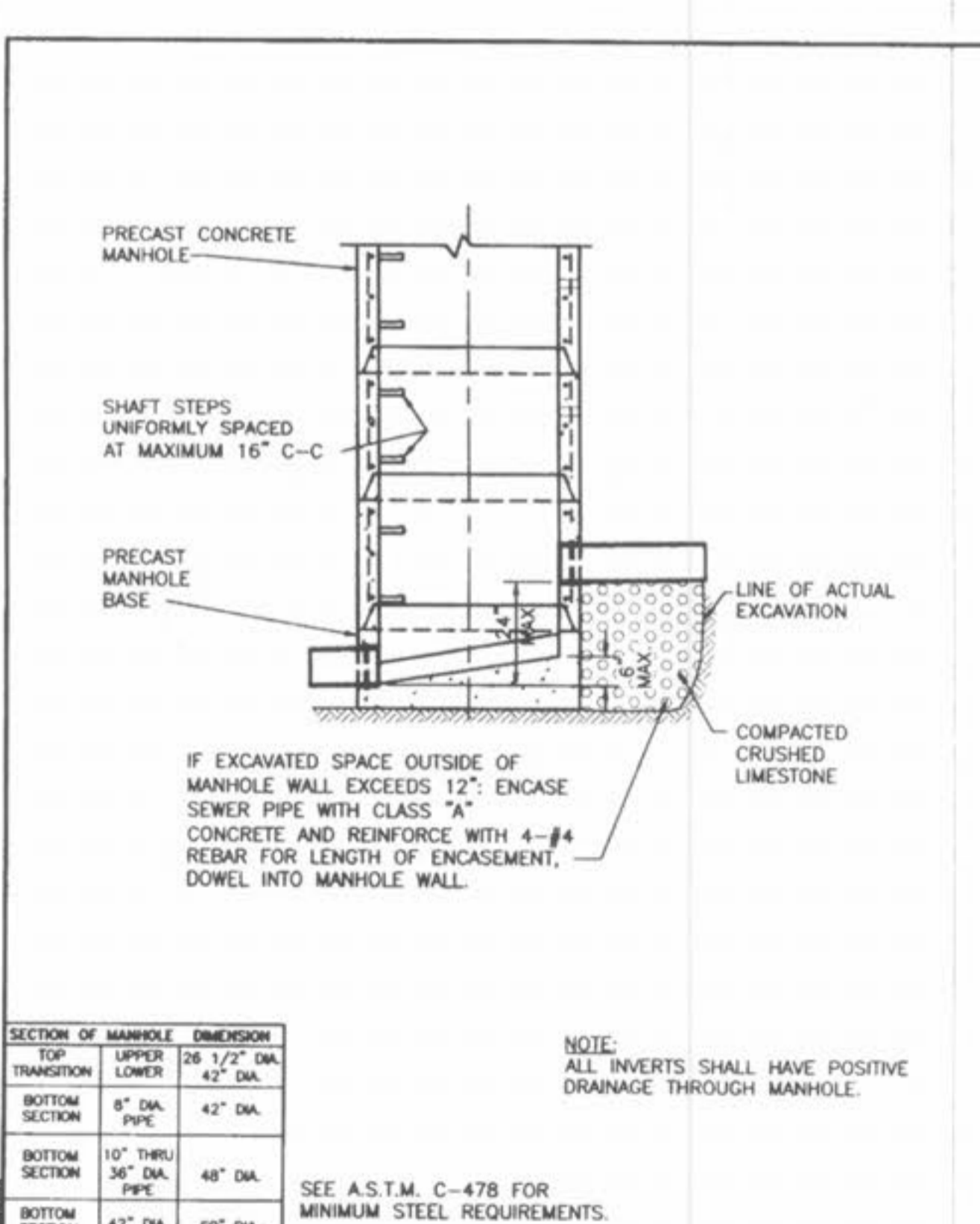
Des. By: BSM	App. By: KLA	Detail No. 7
Chk. By: MDOB	Date: 12-30-99	



DUCKETT CREEK SANITARY DISTRICT

TERMINAL MANHOLE FOR SEWERS 8" THROUGH 18"

Des. By: BSM	App. By: KLA	Detail No. 8
Chk. By: MDOB	Date: 01-03-00	



DUCKETT CREEK SANITARY DISTRICT

INSIDE FOULWATER DROP MANHOLE (SWEEP INVERT)

Des. By: BSM	App. By: KLA	Detail No. 9
Chk. By: MDOB	Date: 01-04-00	

ISSUE	REMARKS/DATE
1	03-02-05 FIRST SUBMITTAL
2	04-04-05 REVISED PER DCSO COMMENTS
3	05-23-05 REVISED PER CITY OF FALLON COMMENTS
4	05-27-05 REVISED PER DCSO COMMENTS
5	06-09-05 REVISED PER PASOEW COMMENTS
6	06-27-05 REVISED PER CITY OF FALLON COMMENTS
7	07-14-05 REVISED PER PASOEW COMMENTS
8	08-08-05 REVISED PER CITY OF FALLON COMMENTS

PREPARED FOR:

SPRINGHURST, L.L.C.
 5091 NEW BAUMGARTNER ROAD
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PREPARED BY:

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 (314) 487-0440 FAX 487-8944
 E-Mail: Sterling@sterling-eng-sur.com

PROJECT: **THE VILLAGES AT SPRINGHURST**

DESIGNED: _____

CHECKED: _____

SHEET TITLE: **DCSD CONSTRUCTION DETAILS**

NO. **03 12 269**

M.S.D. SHEET

PH **CD8**

DIGITAL FILE LOCATION: **SEARCH-STERLING-2**

OF _____

Drawing name: K:\D\0312269 - Springhurst\Improvements\2269SET\ALS.dwg Plotted on: Aug 06, 2006 - 8:55am Plotted by: jwarkentin