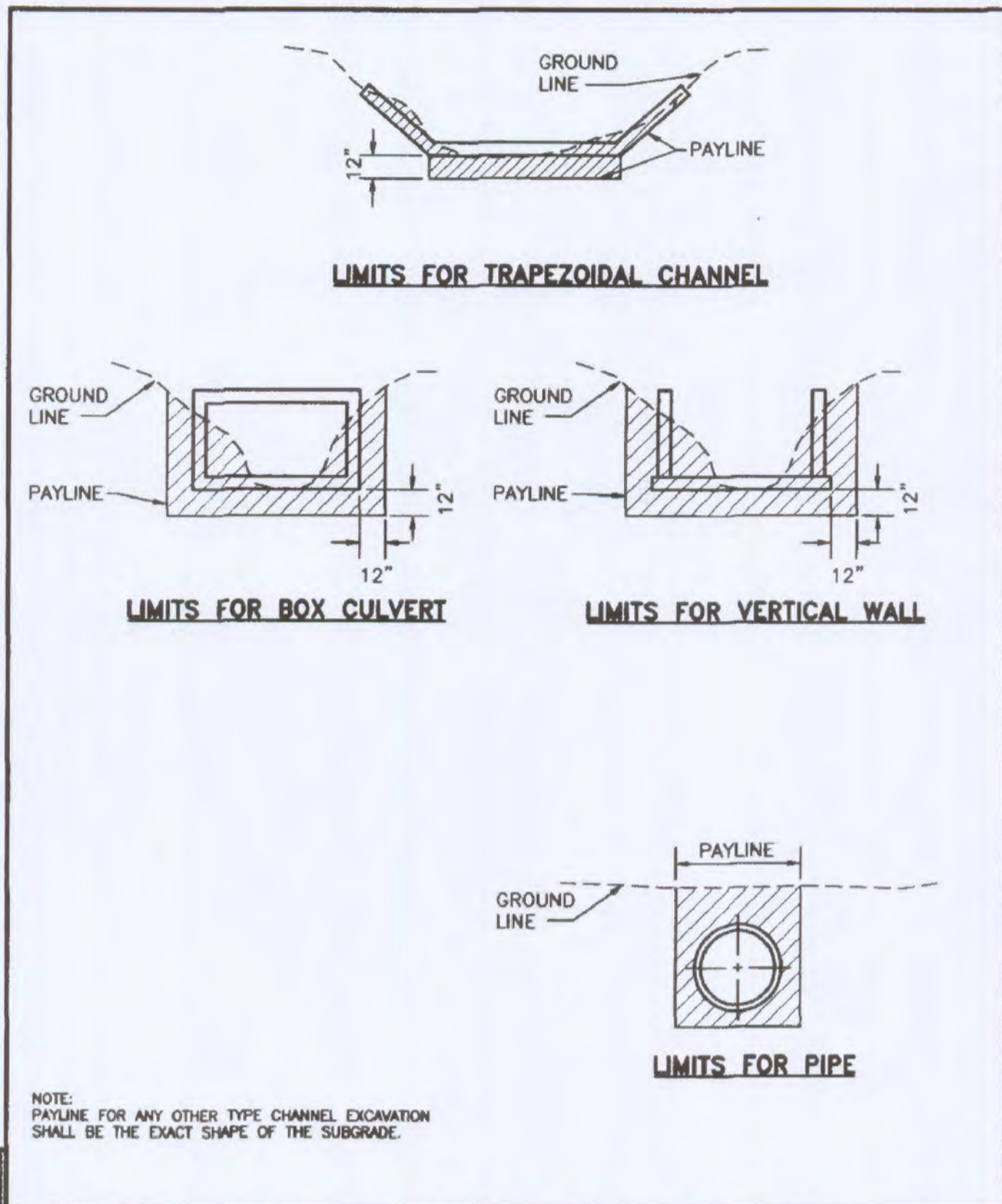


ROUND PIPE				HORIZONTAL ELLIPTICAL PIPE			
INSIDE DIAMETER OF PIPE (INCHES)	"W" PAYLINE WIDTH OF TRENCH (INCHES)	"W" PAYLINE WIDTH OF TRENCH (FEET)	PAY-VOLUMES CONCRETE ENCASUREMENT (CU. FT. PER FT.)	INSIDE DIAMETER OF PIPE (INCHES)	"W" PAYLINE WIDTH OF TRENCH (INCHES)	"W" PAYLINE WIDTH OF TRENCH (FEET)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

**DUCKETT CREEK SANITARY DISTRICT**

PAYLINE WIDTHS OF TRENCH AND PAY-QUANTITIES OF CONCRETE

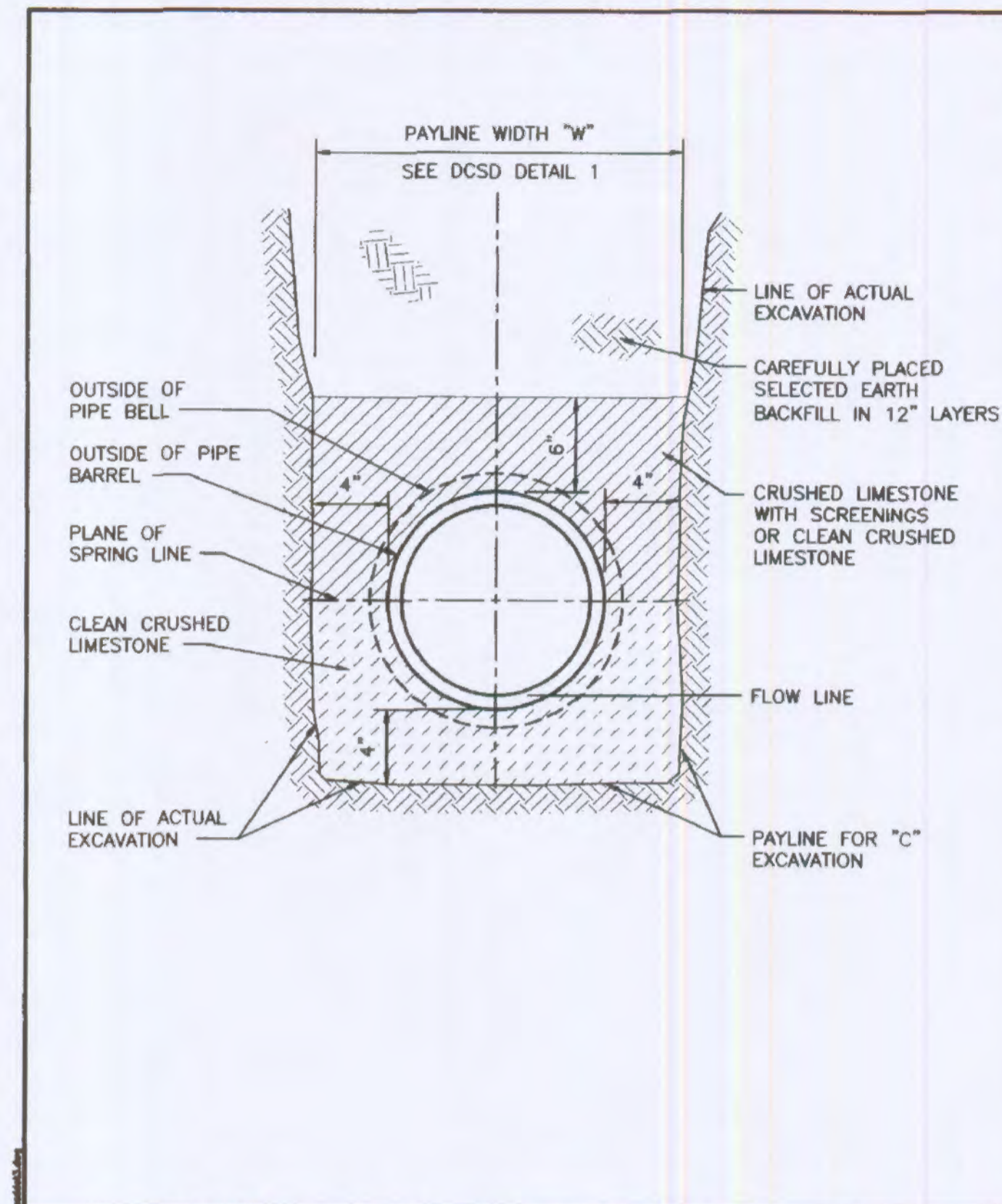
Des. By:	BSM	App. By:	KLA	Detail No.
Clad. By:	MDOB	Date:	12-21-99	1



**DUCKETT CREEK SANITARY DISTRICT**

PAYLINE LIMITS FOR EXCAVATION

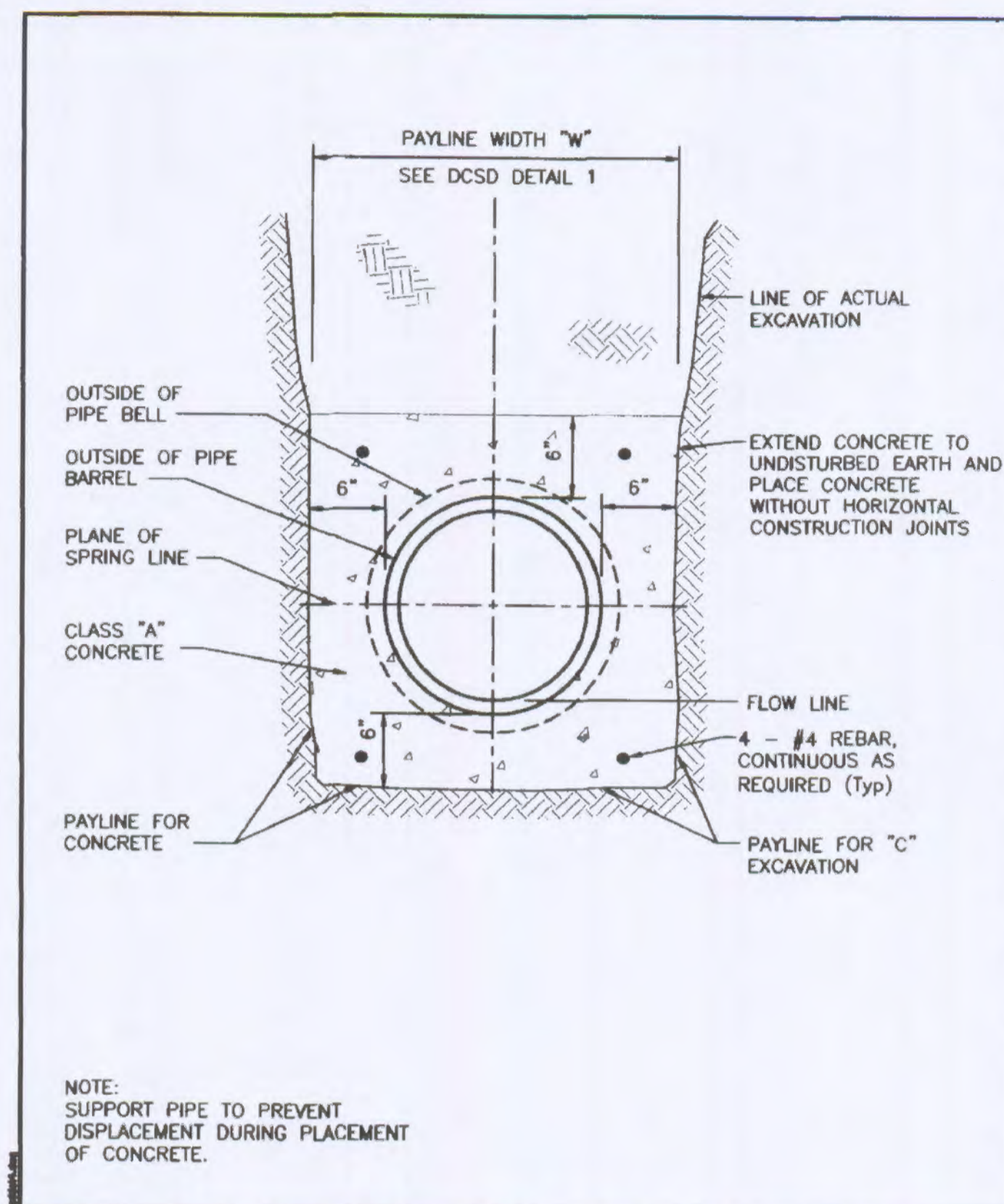
Des. By:	BSM	App. By:	KLA	Detail No.
Clad. By:	MDOB	Date:	12-21-99	2



**DUCKETT CREEK SANITARY DISTRICT**

PIPE BEDDING CLASS "C" (FOR ALL PIPE EXCEPT REINFORCED CONCRETE PIPE)

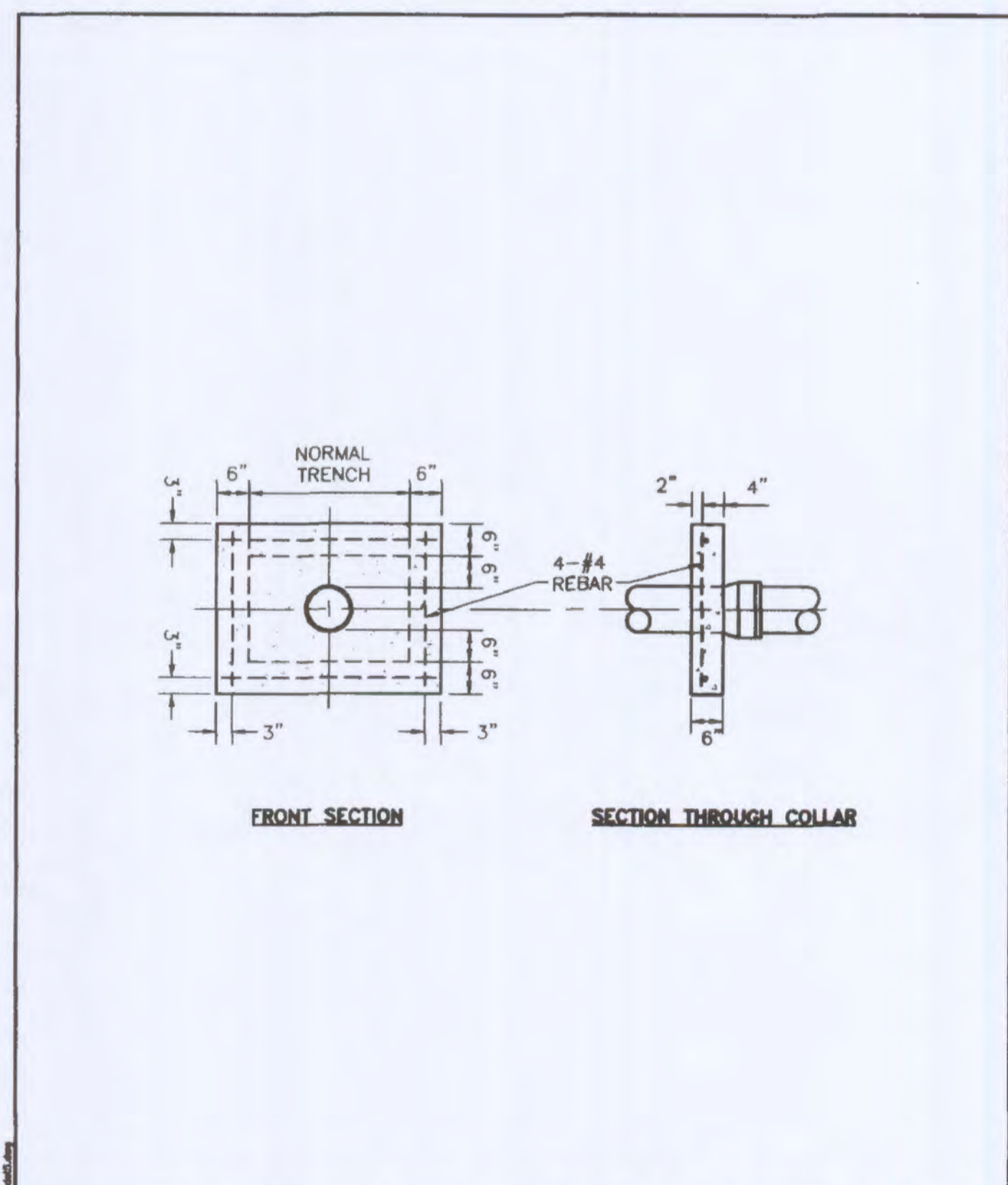
Des. By:	BSM	App. By:	KLA	Detail No.
Clad. By:	MDOB	Date:	12-21-99	3



**DUCKETT CREEK SANITARY DISTRICT**

TYPICAL CONCRETE ENCASUREMENT

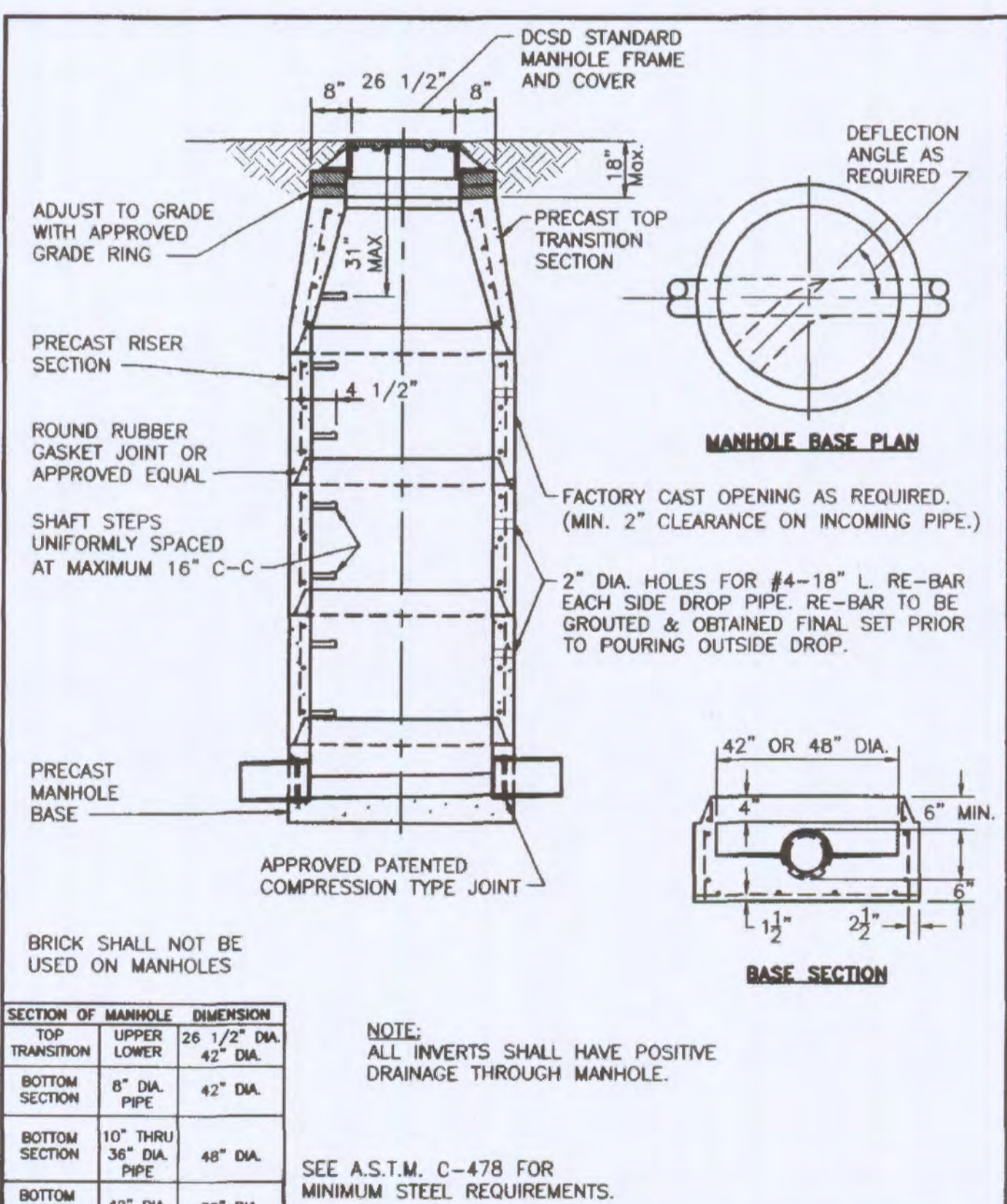
Des. By:	BSM	App. By:	KLA	Detail No.
Clad. By:	MDOB	Date:	12-21-99	4



**DUCKETT CREEK SANITARY DISTRICT**

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

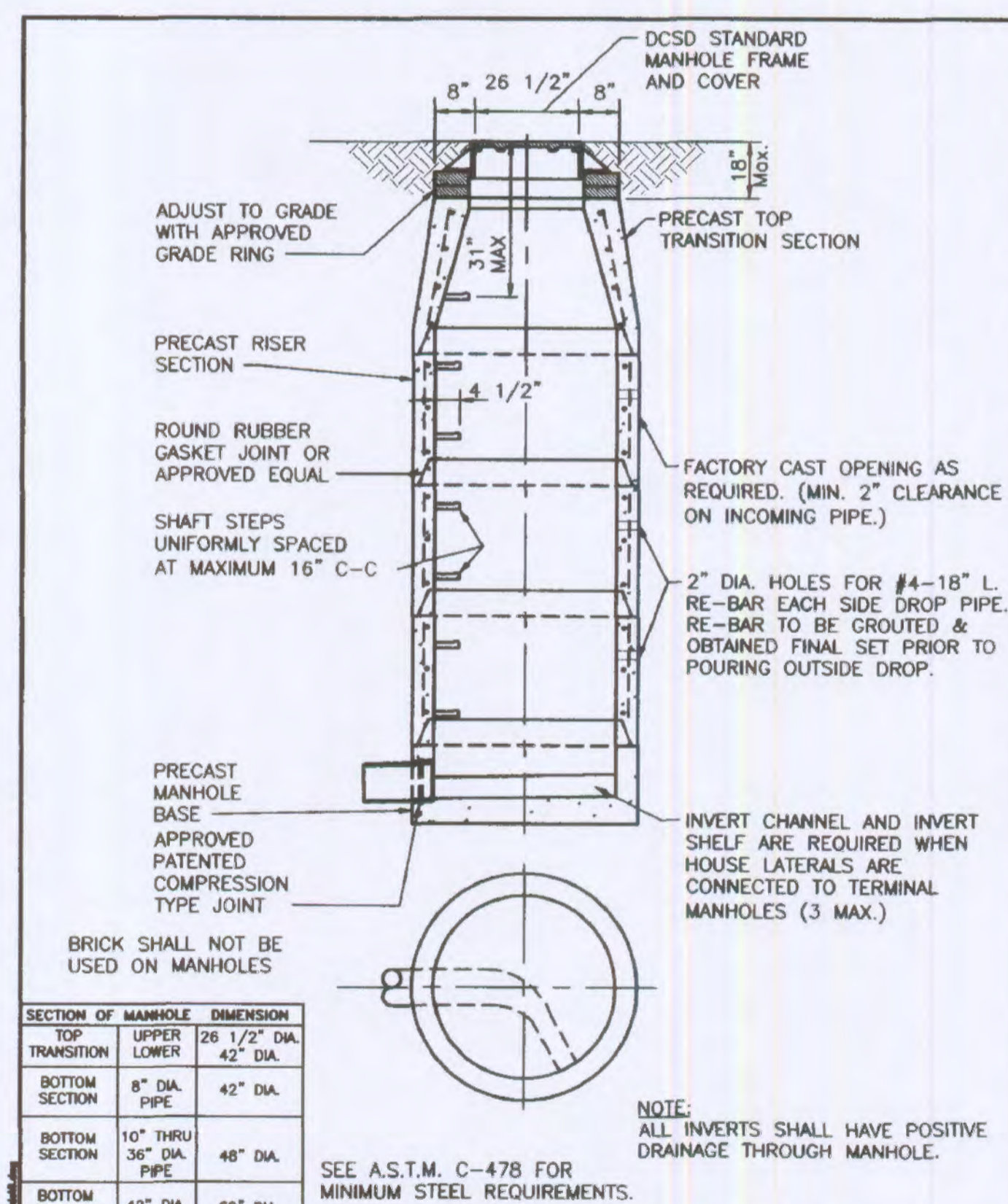
Des. By:	BSM	App. By:	KLA	Detail No.
Clad. By:	MDOB	Date:	12-21-99	5



**DUCKETT CREEK SANITARY DISTRICT**

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

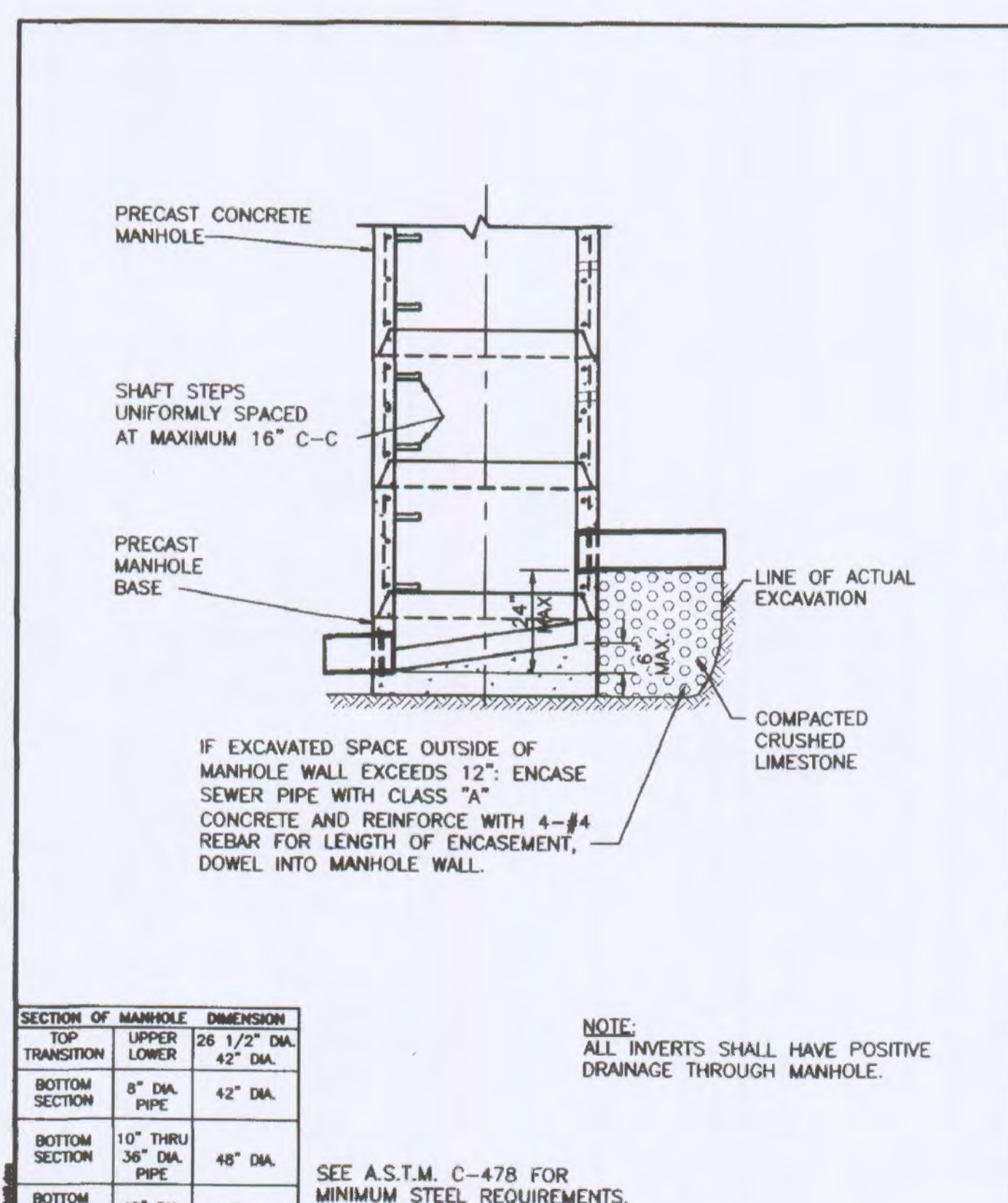
Des. By:	BSM	App. By:	KLA	Detail No.
Clad. By:	MDOB	Date:	12-30-99	7



**DUCKETT CREEK SANITARY DISTRICT**

TERMINAL MANHOLE FOR SEWERS 8" THROUGH 18"

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



**DUCKETT CREEK SANITARY DISTRICT**

INSIDE FOULWATER DROP MANHOLE (SWEEP INVERT)

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

NO.	DATE	REVISION DESCRIPTION
1	10/18/2013	CITY, DCSO, PMSH COMMENTS
2	11/25/2013	CHANGE LOT NUMBERS

DEVELOPER/OWNER:  
**PULTE GROUP**  
 16640 CHESTERFIELD GROVE, SITE 200  
 CHESTERFIELD, MO 63005  
 PHONE: (636) 537-7129

CIVIL ENGINEERS  
 JOHN F. HARSBARGER  
 ENGINEERING  
 401115  
 172613

PRESTON WOODS  
 PHASE 6  
 IMPROVEMENT PLANS  
 PRESTON WOODS LAKE  
 OFFFALLON, MO 63306

**SANITARY SEWER DETAILS**

**cole**  
 CIVIL ENGINEERING / SURVEYING / PLANNING / LANDSCAPE ARCHITECTURE  
 Cole & Associates, Inc.

DESIGN/CALC BY:	RJG
DRAWN BY:	RJG
CHECKED BY:	TCA
DRAWING SCALE:	NOT TO SCALE
DATE:	09/04/2013

Job Number  
**13-0054**  
 Sheet Number  
**C8.6**

USER: Taylor, Short; TAB: DETAILS 6  
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