

ROUND PIPE				HORIZONTAL ELLIPTICAL PIPE			
DEPTH OF TRENCH (FEET)	PAVING WIDTH OF TRENCH (FEET)	PAVING WIDTH OF TRENCH (FEET)	PAVING WIDTH OF TRENCH (FEET)	PAVING WIDTH OF TRENCH (FEET)	PAVING WIDTH OF TRENCH (FEET)	PAVING WIDTH OF TRENCH (FEET)	PAVING WIDTH OF TRENCH (FEET)
4	36	2.50	3.75				
6	36	2.50	3.75				
8	36	2.50	3.75				
10	36	2.50	3.75				
12	36	2.50	3.75				
14	36	2.50	3.75				
16	36	2.50	3.75				
18	36	2.50	3.75				
20	36	2.50	3.75				
22	36	2.50	3.75				
24	36	2.50	3.75				
26	36	2.50	3.75				
28	36	2.50	3.75				
30	36	2.50	3.75				
32	36	2.50	3.75				
34	36	2.50	3.75				
36	36	2.50	3.75				
38	36	2.50	3.75				
40	36	2.50	3.75				
42	36	2.50	3.75				
44	36	2.50	3.75				
46	36	2.50	3.75				
48	36	2.50	3.75				
50	36	2.50	3.75				
52	36	2.50	3.75				
54	36	2.50	3.75				
56	36	2.50	3.75				
58	36	2.50	3.75				
60	36	2.50	3.75				
62	36	2.50	3.75				
64	36	2.50	3.75				
66	36	2.50	3.75				
68	36	2.50	3.75				
70	36	2.50	3.75				
72	36	2.50	3.75				
74	36	2.50	3.75				
76	36	2.50	3.75				
78	36	2.50	3.75				
80	36	2.50	3.75				
82	36	2.50	3.75				
84	36	2.50	3.75				
86	36	2.50	3.75				
88	36	2.50	3.75				
90	36	2.50	3.75				
92	36	2.50	3.75				
94	36	2.50	3.75				
96	36	2.50	3.75				
98	36	2.50	3.75				
100	36	2.50	3.75				

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

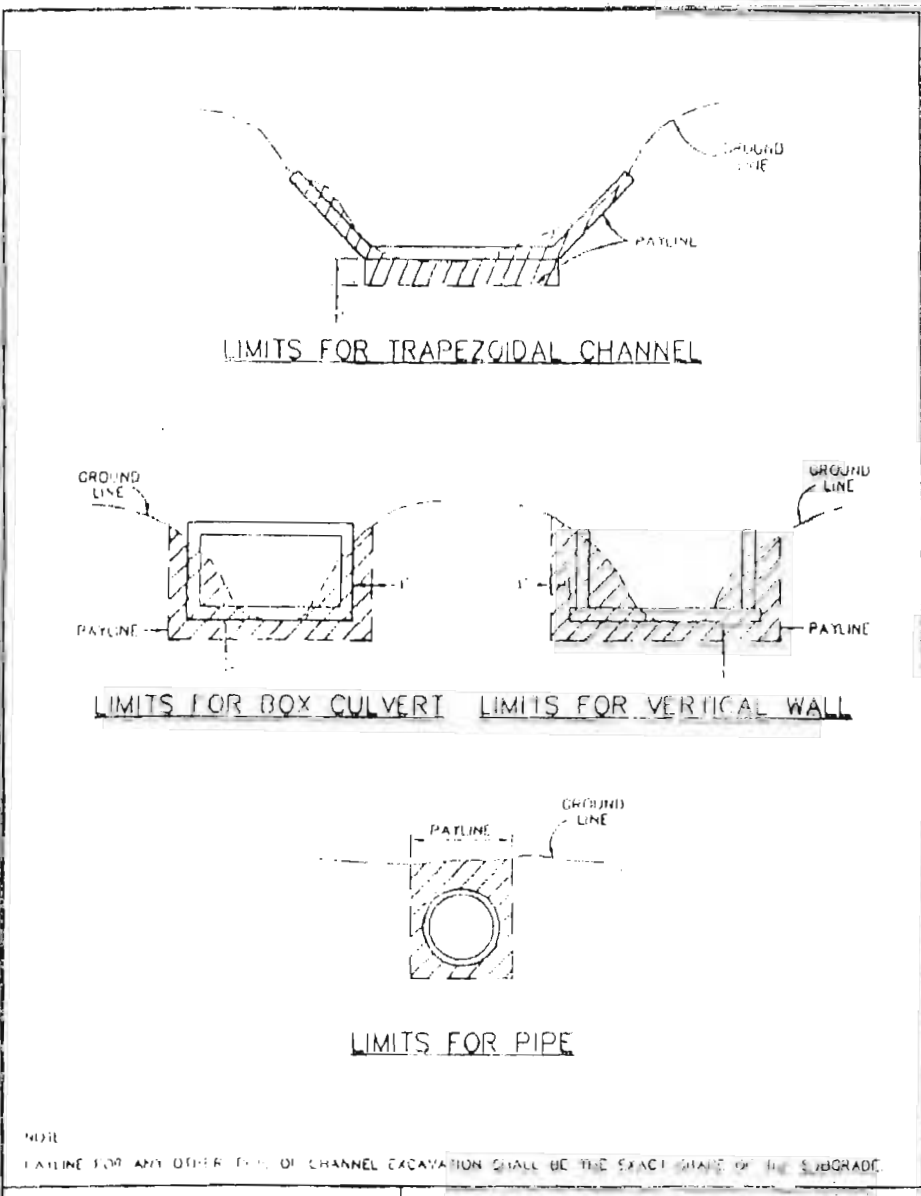


TABLE 2
PAYLINE LIMITS FOR EXCAVATION

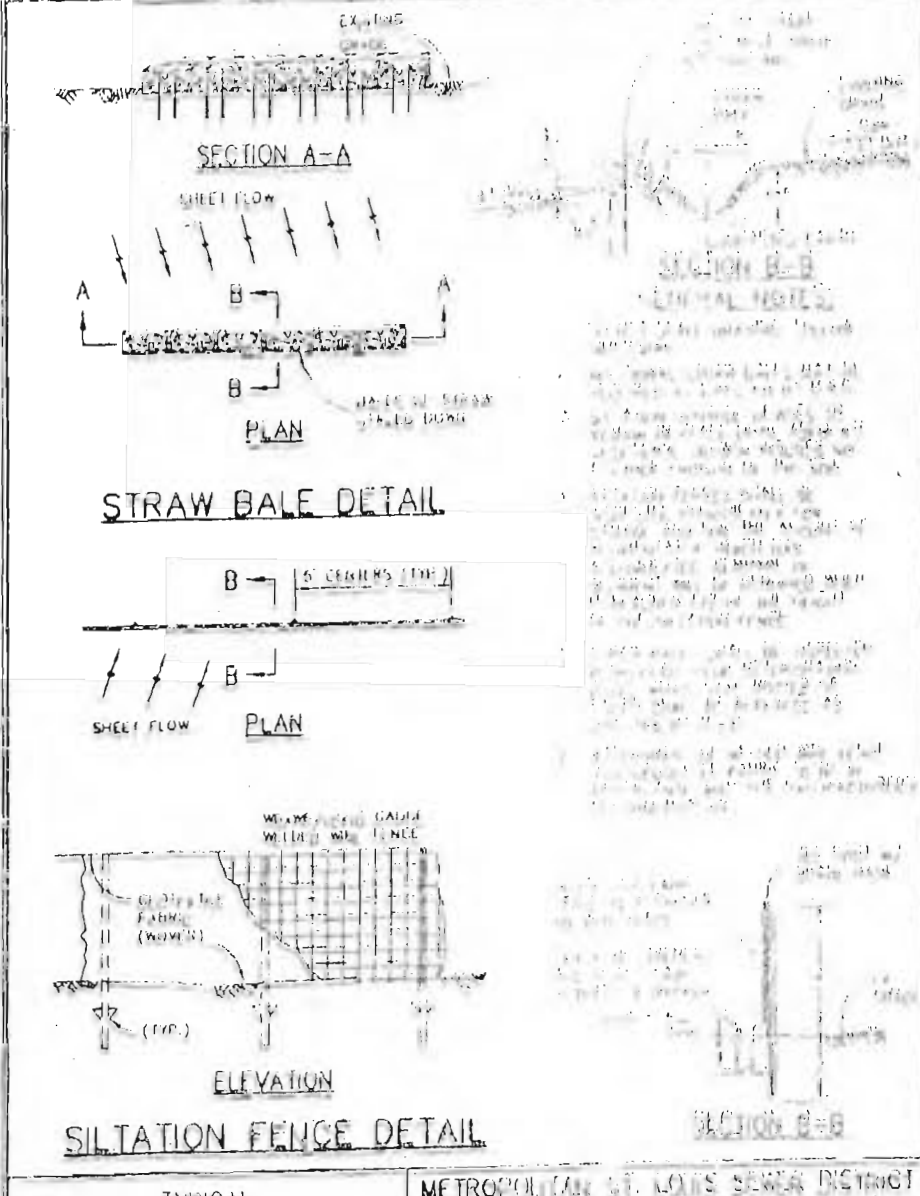


TABLE 3
TYPICAL SILTATION CONTROL DEVICES

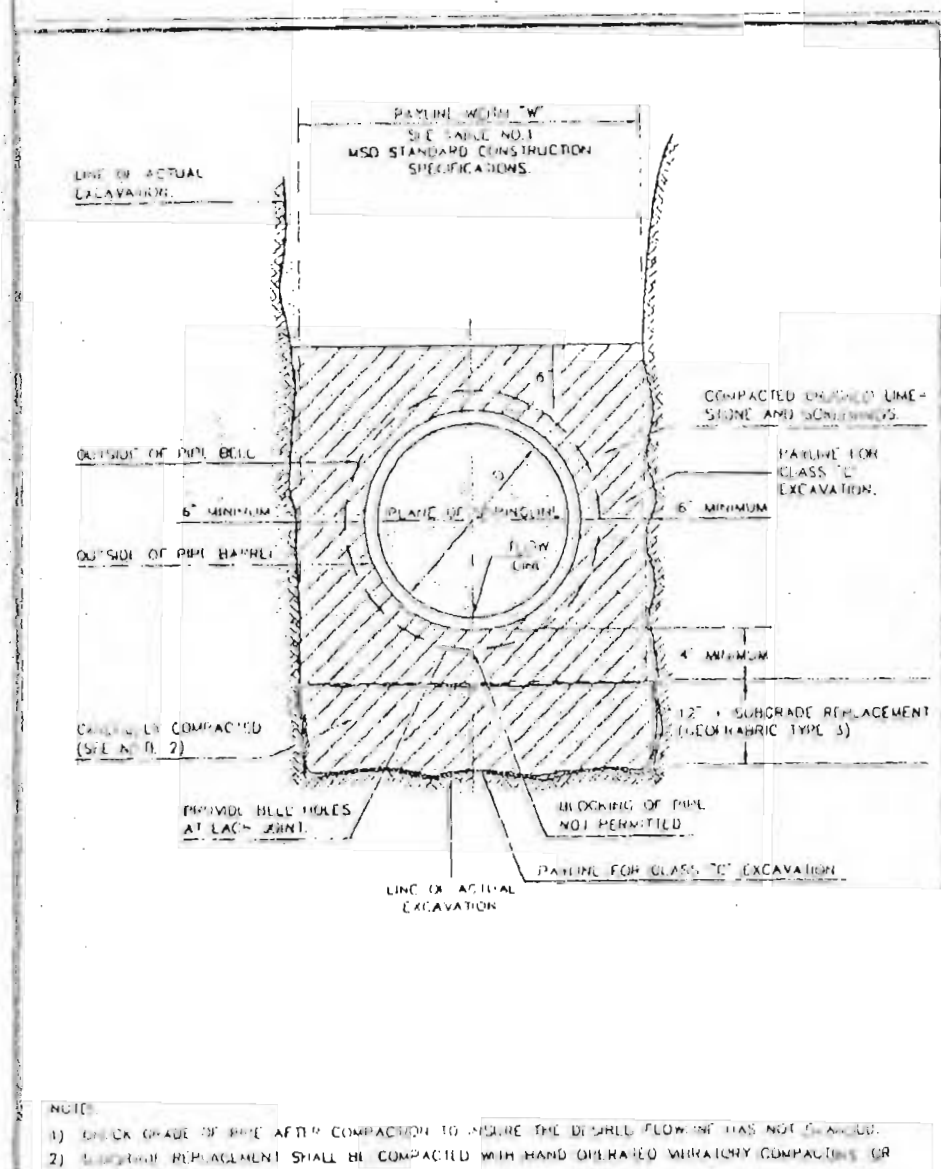
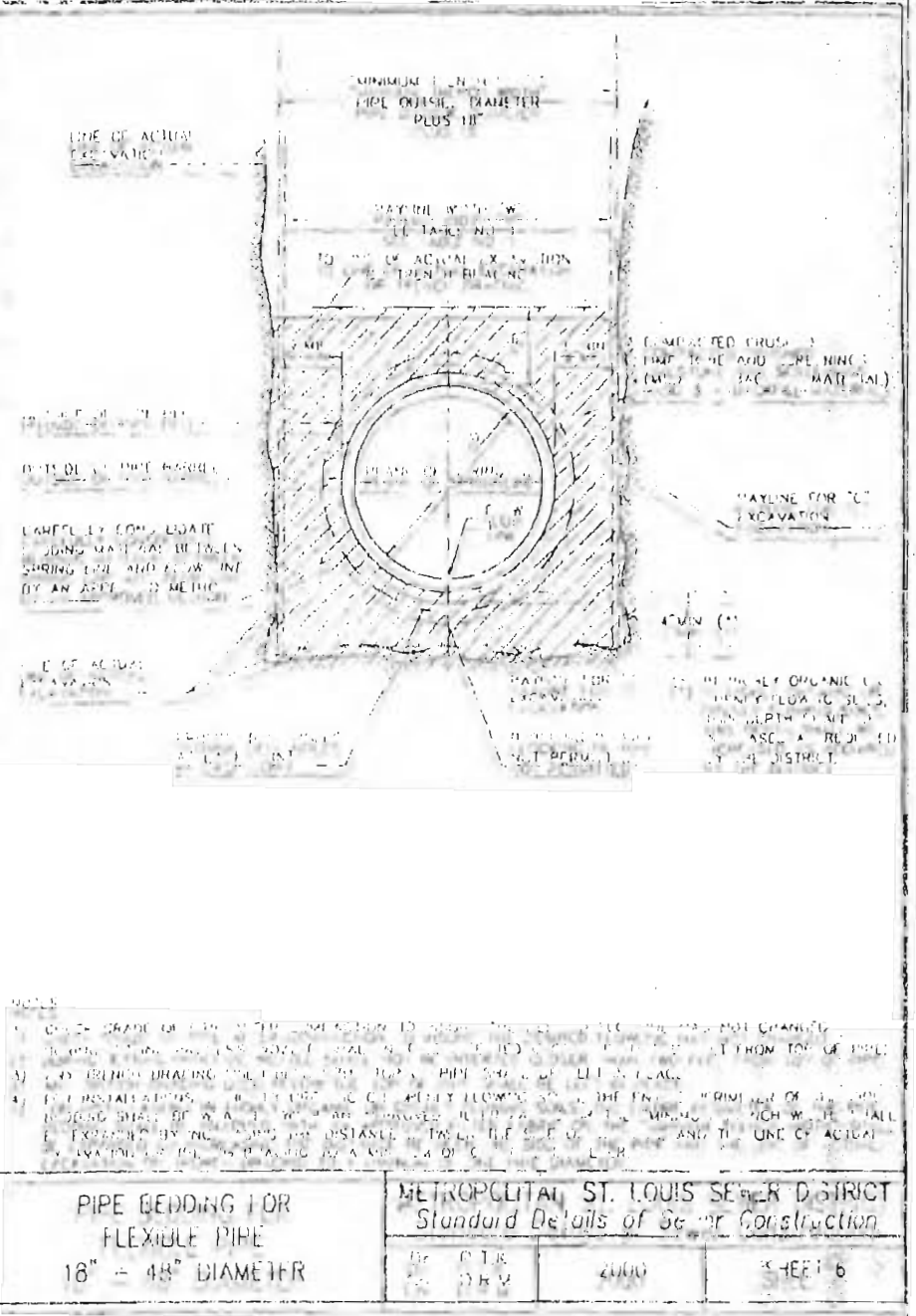
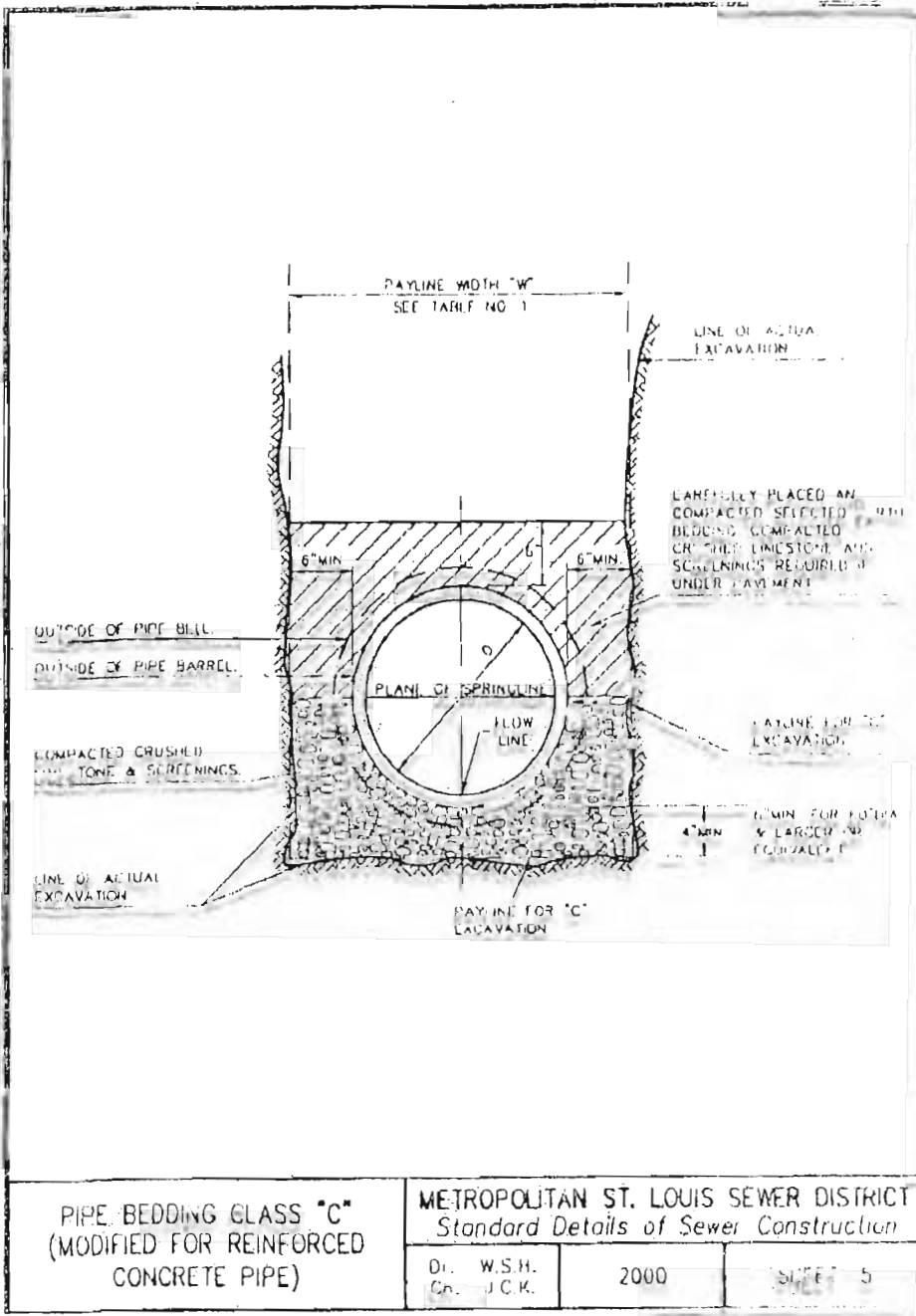


TABLE 4
SPECIAL PIPE BEDDING DETAIL FOR 12' TRENCH OR MORE

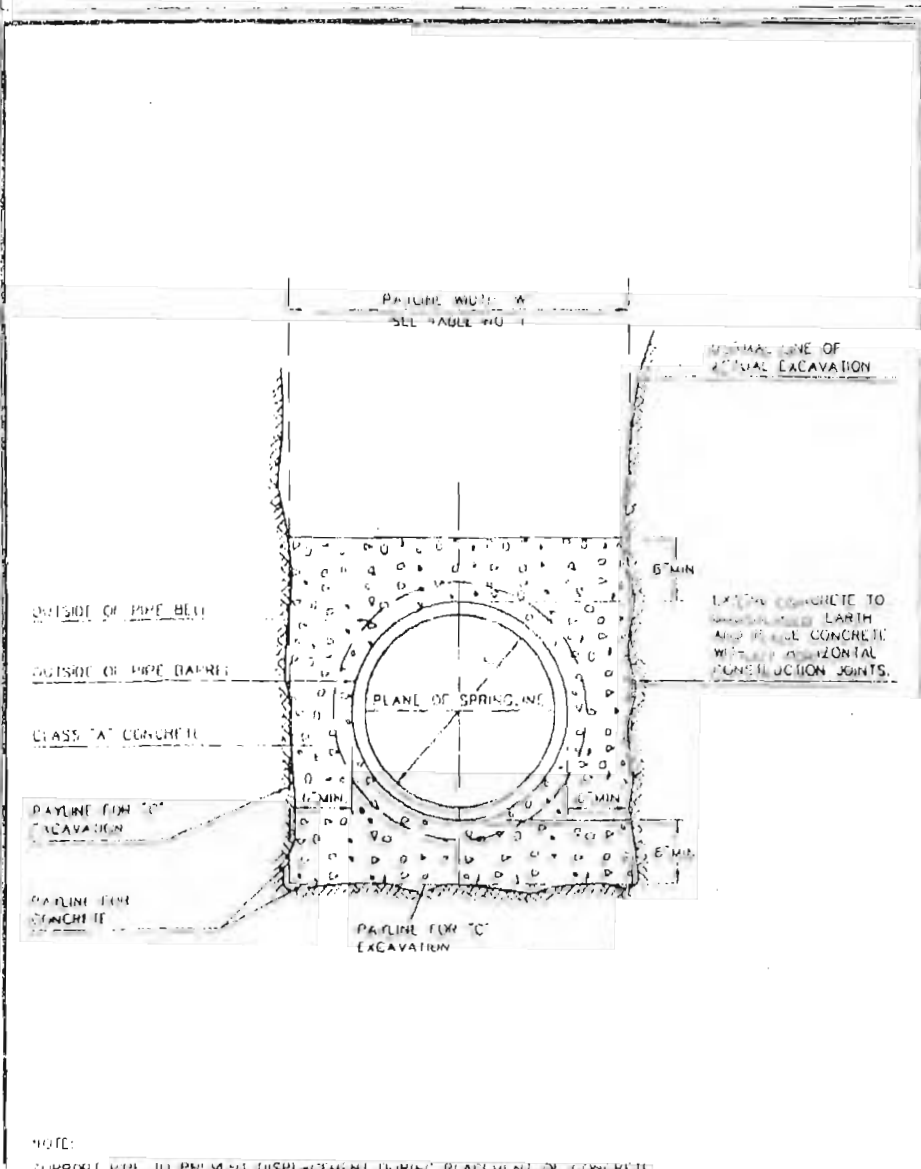


TABLE 5
CONCRETE ENCASEMENT

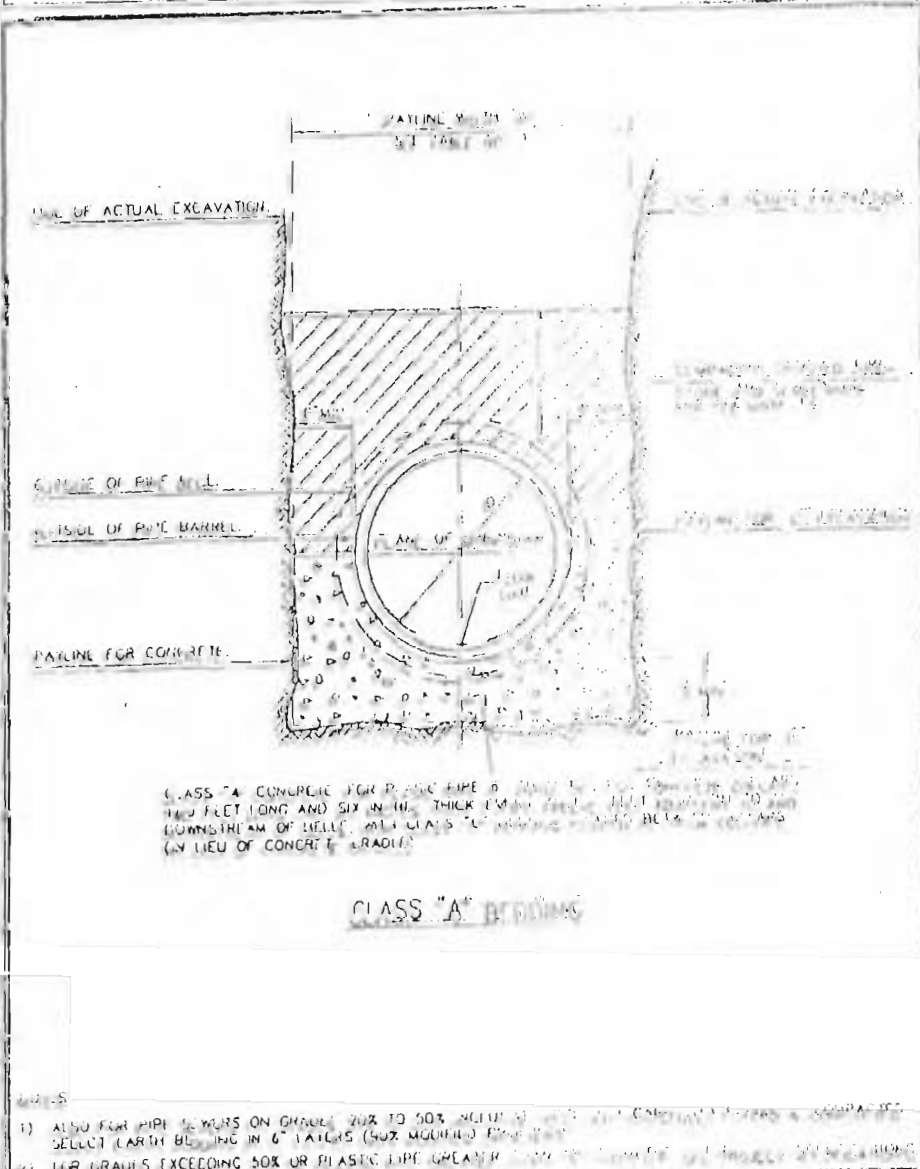


TABLE 6
CONCRETE GRADE

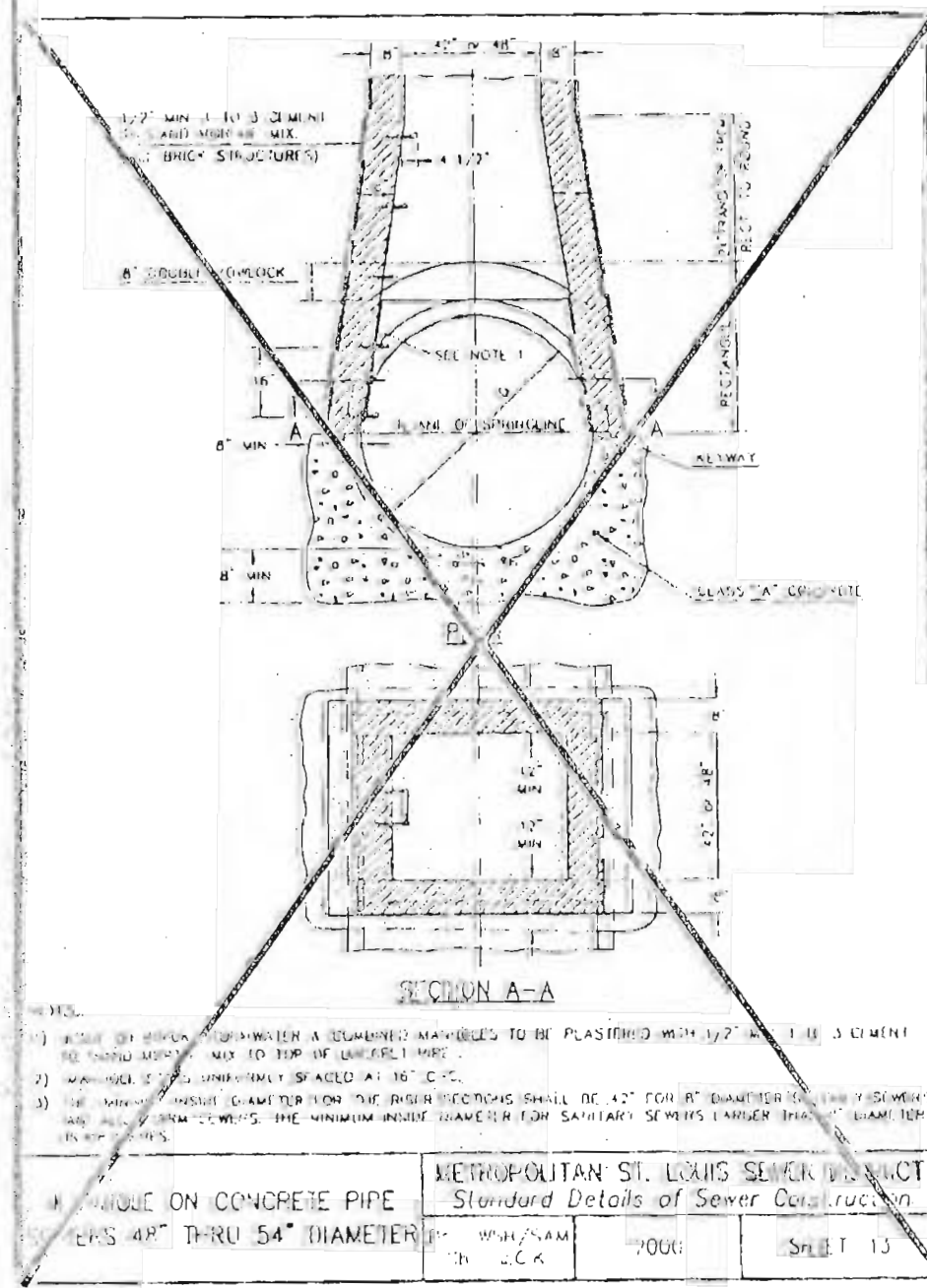


TABLE 7
MANHOLE ON CONCRETE PIPE

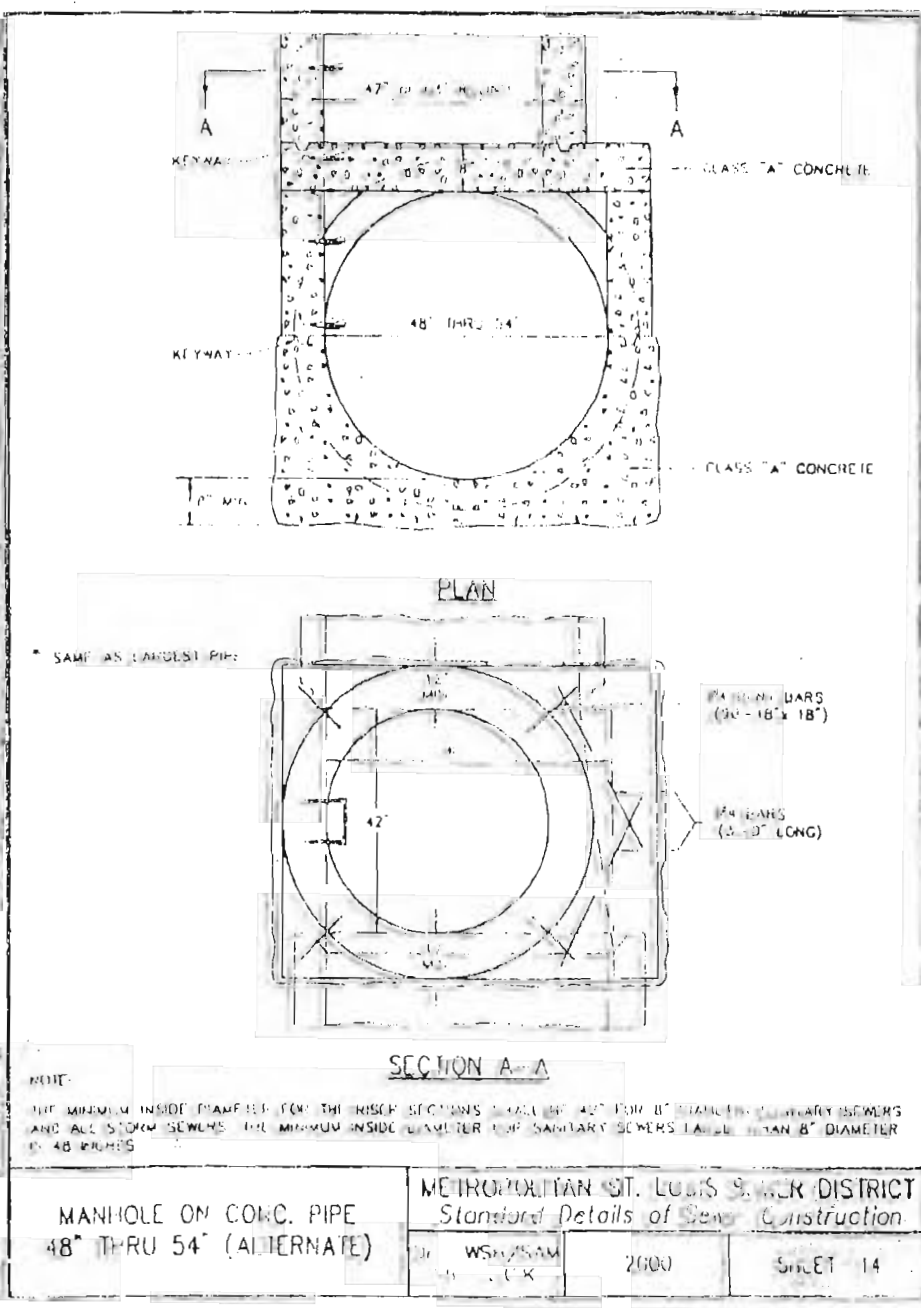


TABLE 8
MANHOLE ON CONCRETE PIPE (ALTERNATE)

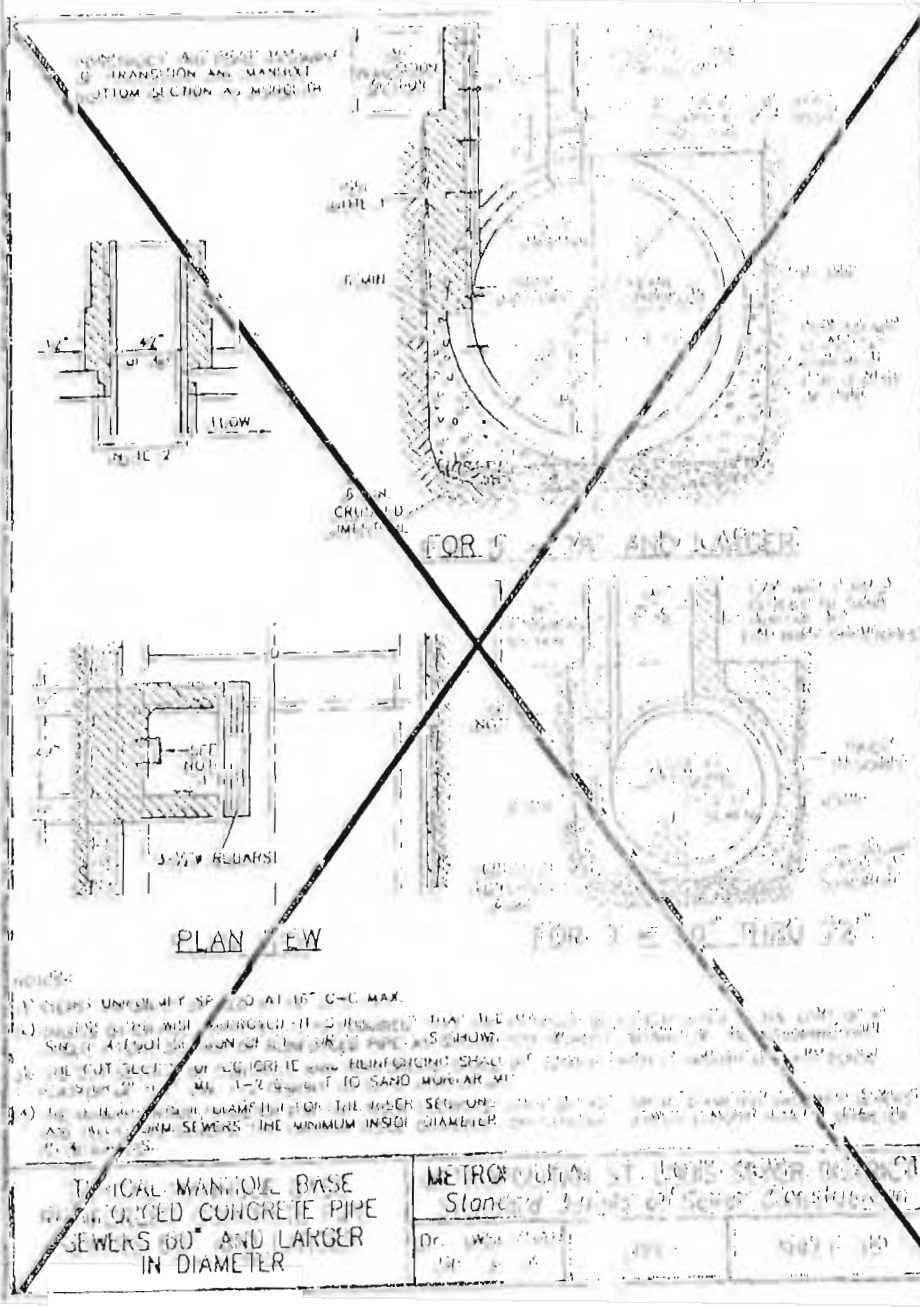
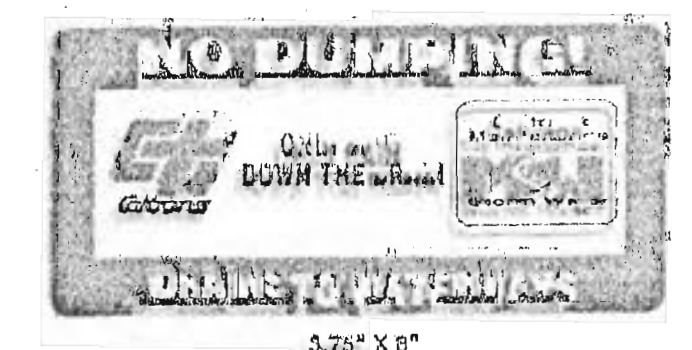
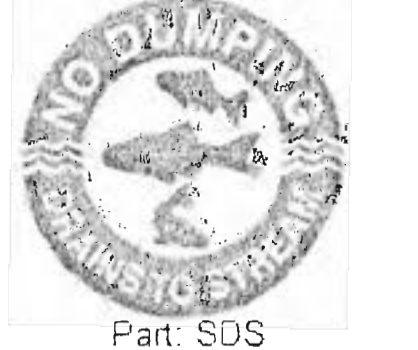


TABLE 9
TYPICAL MANHOLE BASE



ACP International
Style: Crystal Cap
www.acpinternational.com



DAS Manufacturing, Inc.
Style: Standard Style
www.dasmanufacturing.com

The City will allow these storm sewer markers and adhesive procedures as shown on these two websites. Other markers and adhesive procedures may be allowed if approved by the City of O'Fallon.

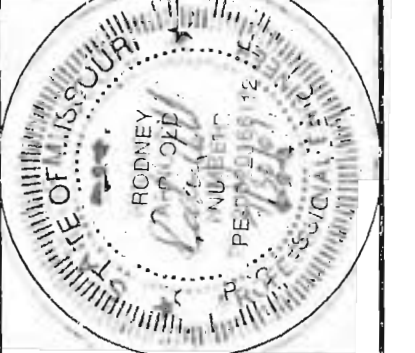
STORM SEWER MARKING DETAIL
NOT TO SCALE

NOTE: NO BRICK OR CAST IN PLACE STORM SEWER STRUCTURES WILL BE ALLOWED UNLESS PIPE IS 48" OR GREATER, THEN CAST IN PLACE WILL BE ALLOWED ON A CASE BY CASE BASIS

BASE MAP

NO.	REVISIONS	DATE	BY	CHKD.	APP'D.
1	10-17-06 FIRST SUBMITTAL				
2	12-11-06 REV. AGE D PER DECED & REVISED COMMENTS				
3	12-28-06 REV. ILLD PIPE ST. CHARLES COUNTY COMMENTS				
4	01-28-07 REV. PER ST. CHARLES CO & O'FALLON				
5	02-06-07 REV. ILLD PER DECED & REVISED COMMENTS				
6	06-28-07 REV. ILLD PER DECED & REVISED COMMENTS				

PREPARED FOR:
CROSS DEVELOPMENT OF MISSOURI, INC.
1609 PROSPECT VILLAGE DR.
LAKE ST. LOUIS, MO. 63367
314-713-4044



THE **STIRLING** CO.
ENGINEERS & SURVEYORS
6666 NEW BARKHARTER ROAD
ST. LOUIS, MISSOURI 63129
(314) 461-5440 FAX: 467-8644
E-Mail: Stirling@stirlingeng-survey.com

PROJECT: **THE ENCLAVE AT SOMMERS POINTE**
DRAWN: [] DESIGNED: [] CHECKED: []
SHEET TITLE: **DETAILS**

NO. 07	OF 12
M.S.D. PR	SHEET OD5
	OF