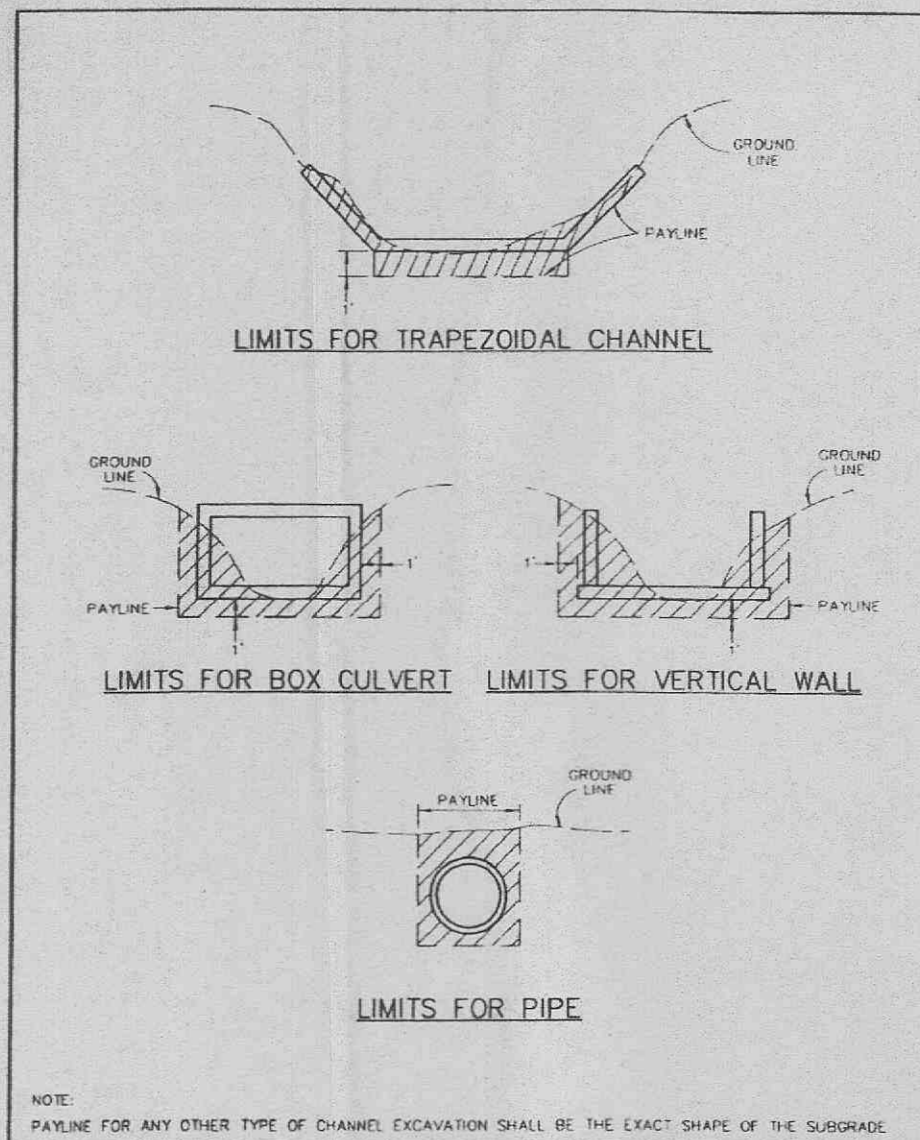


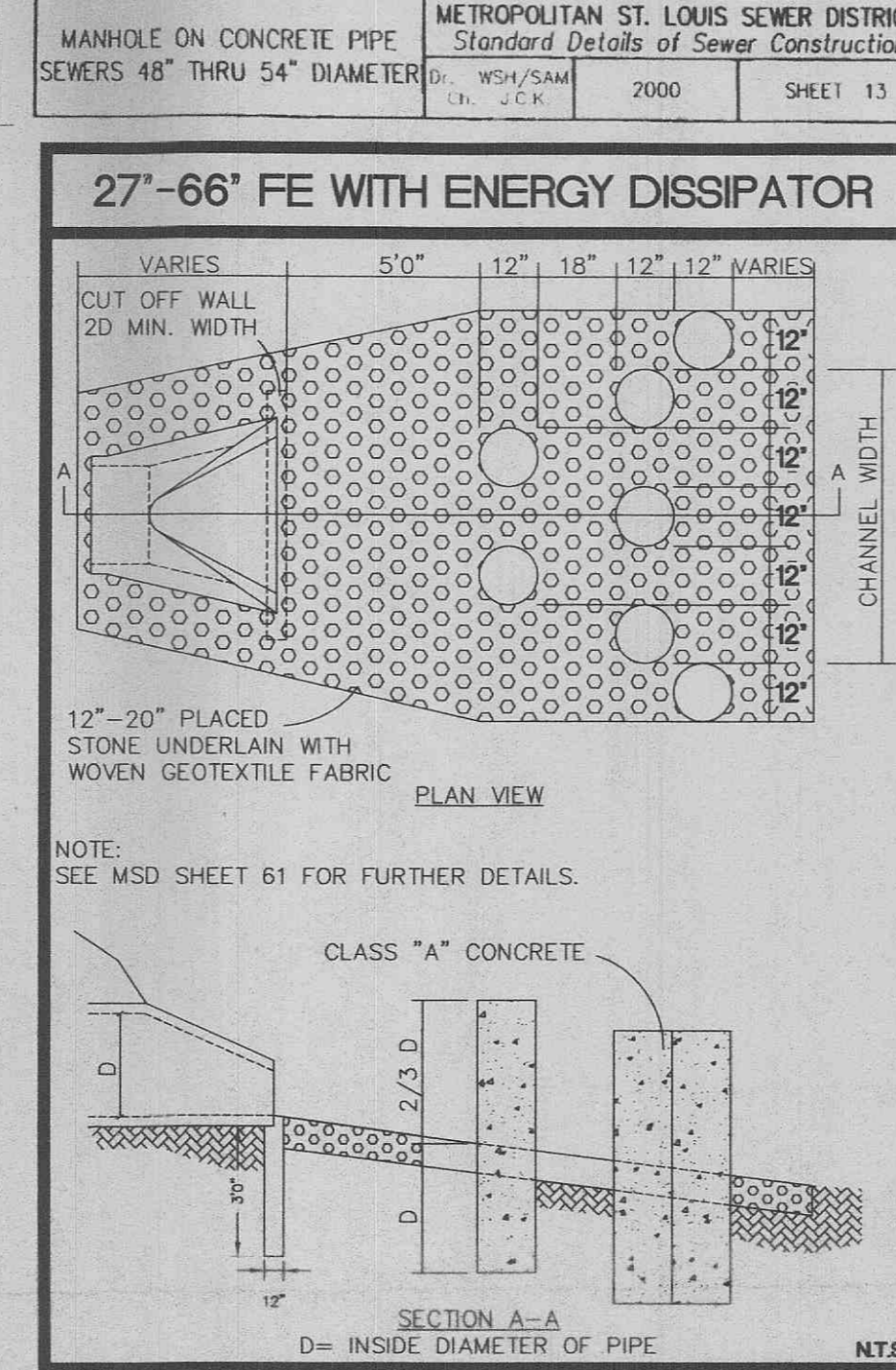
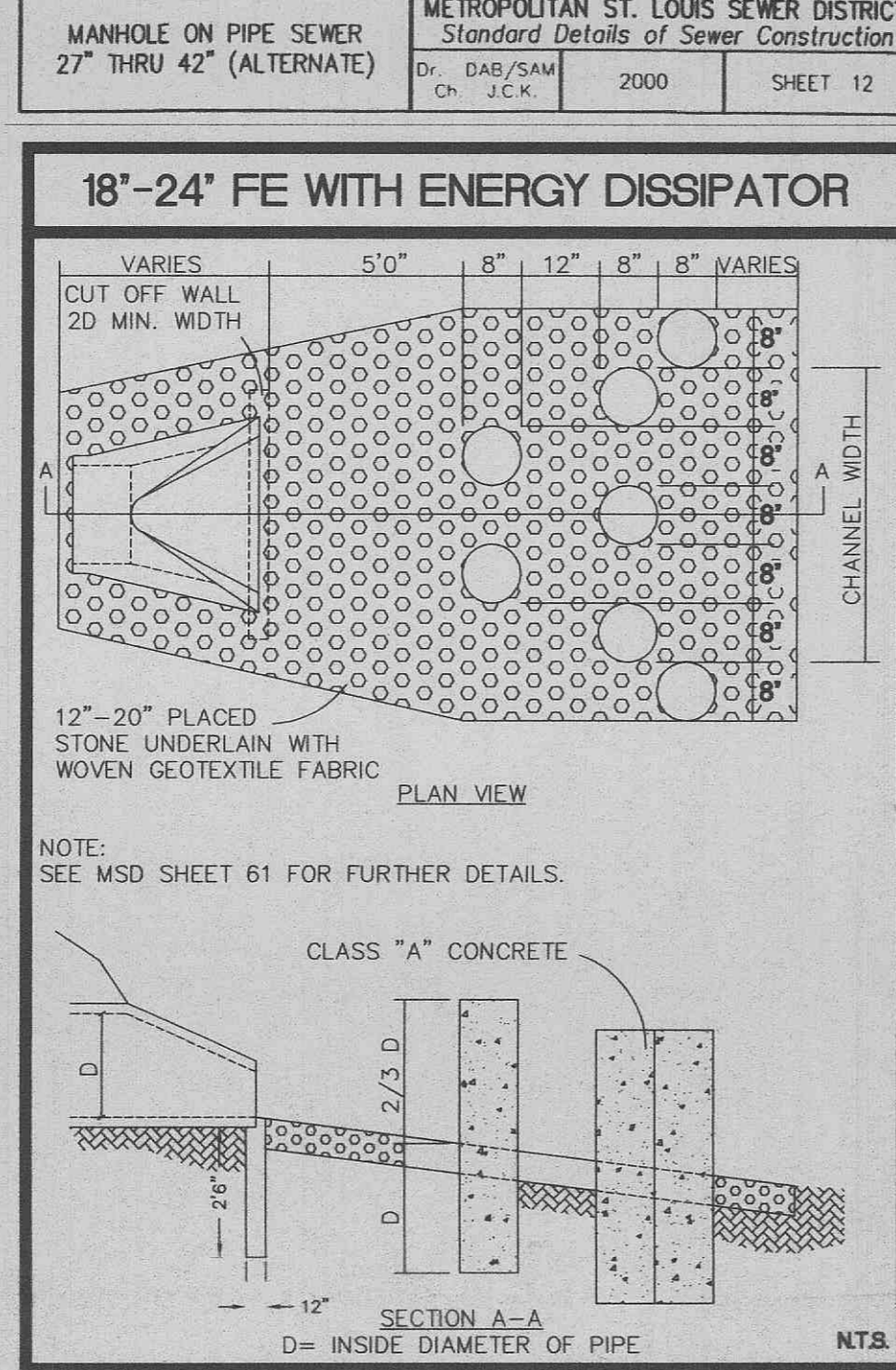
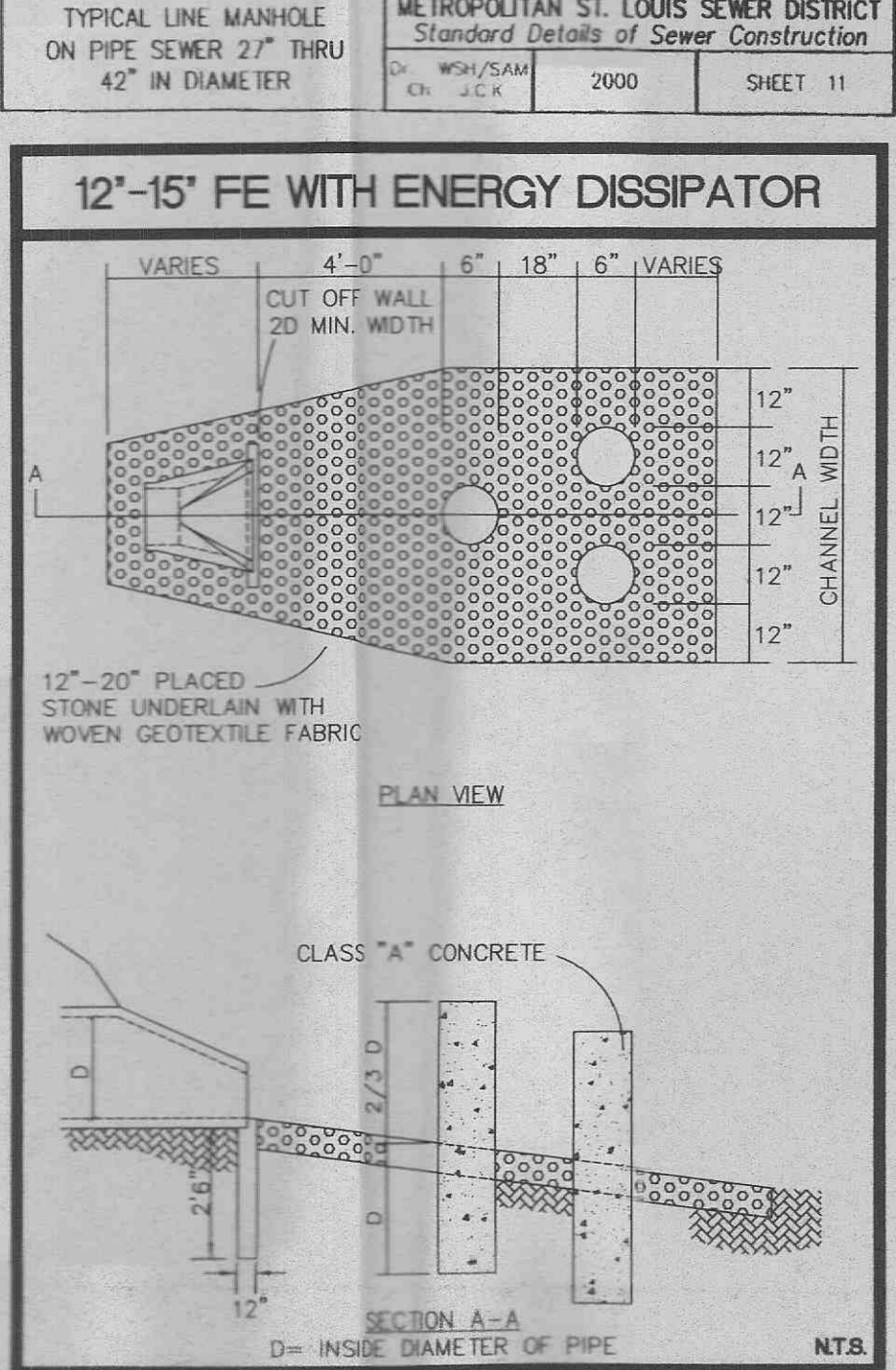
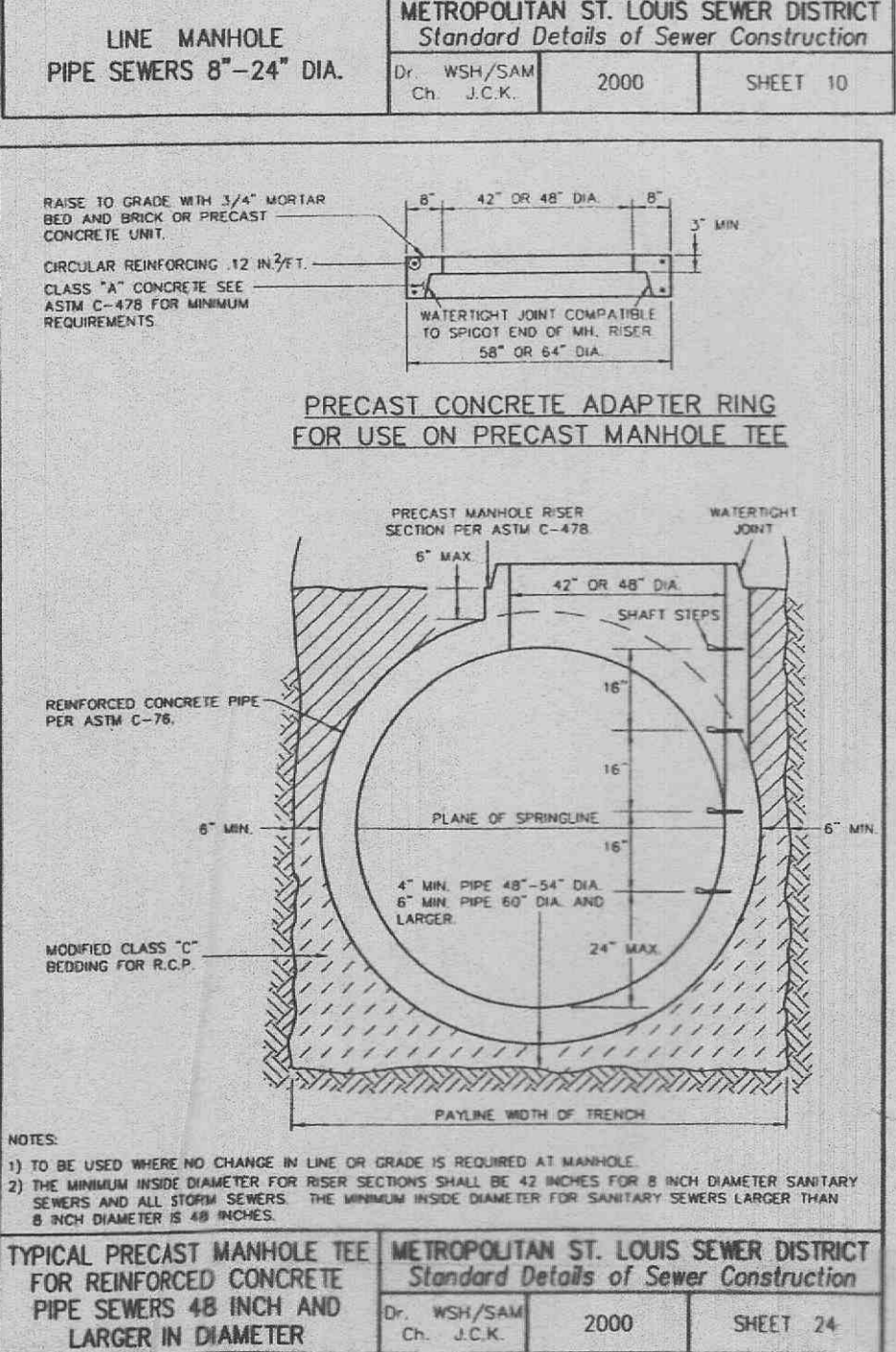
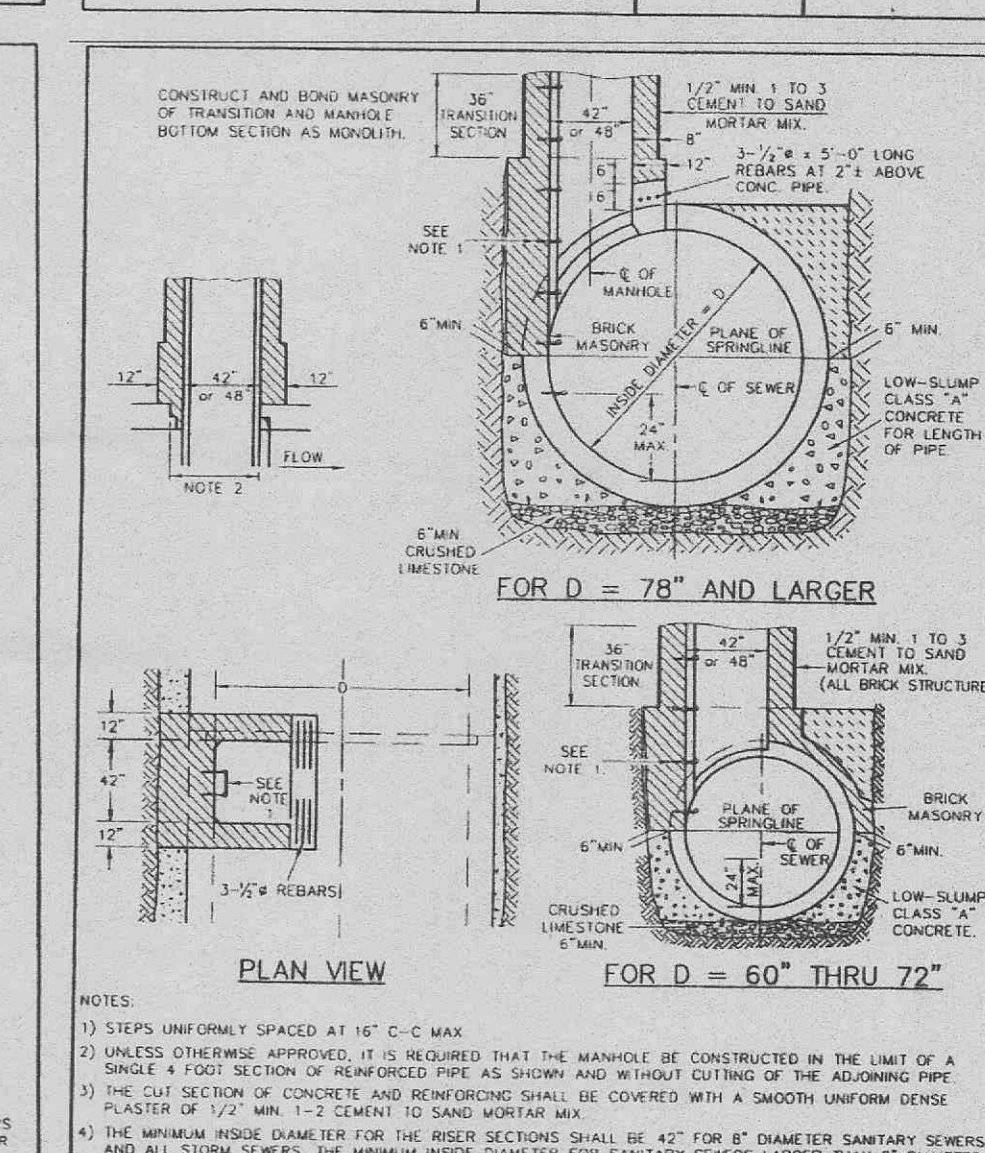
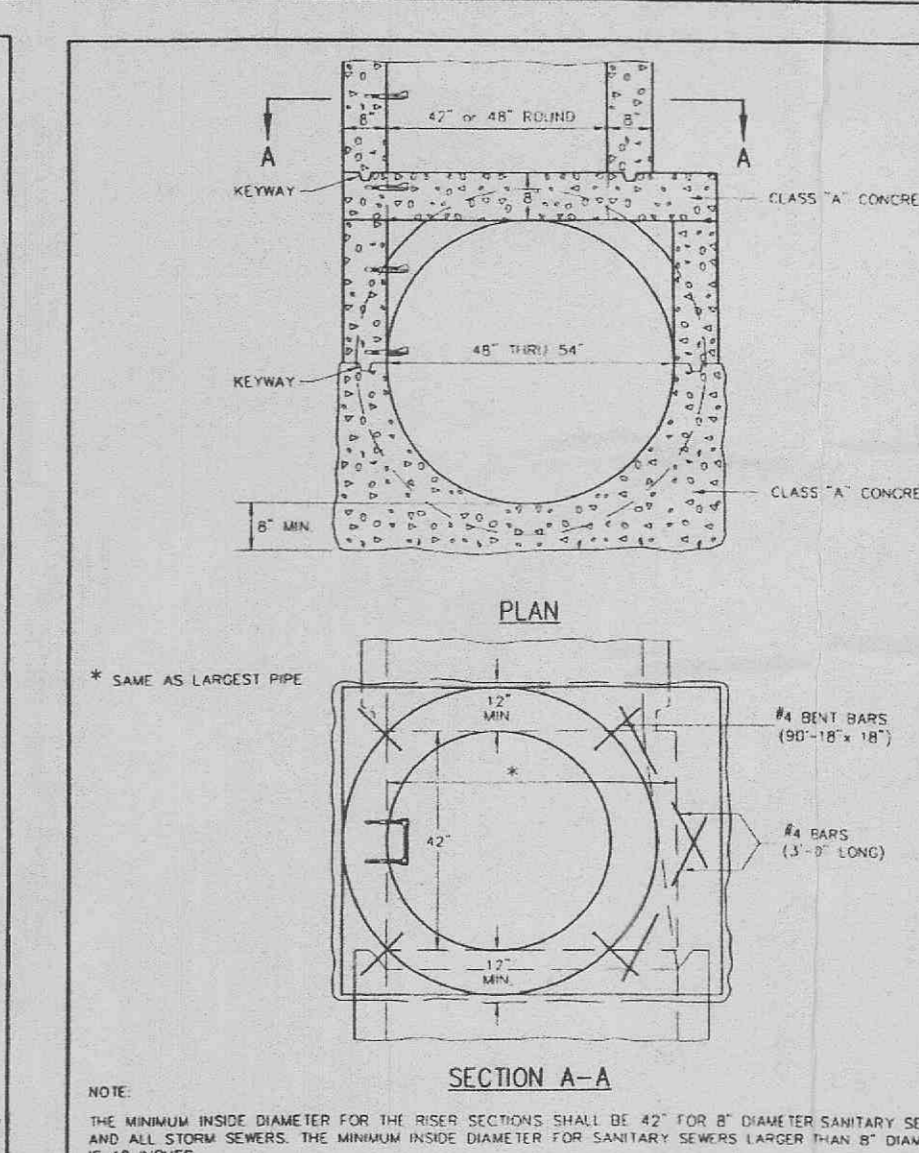
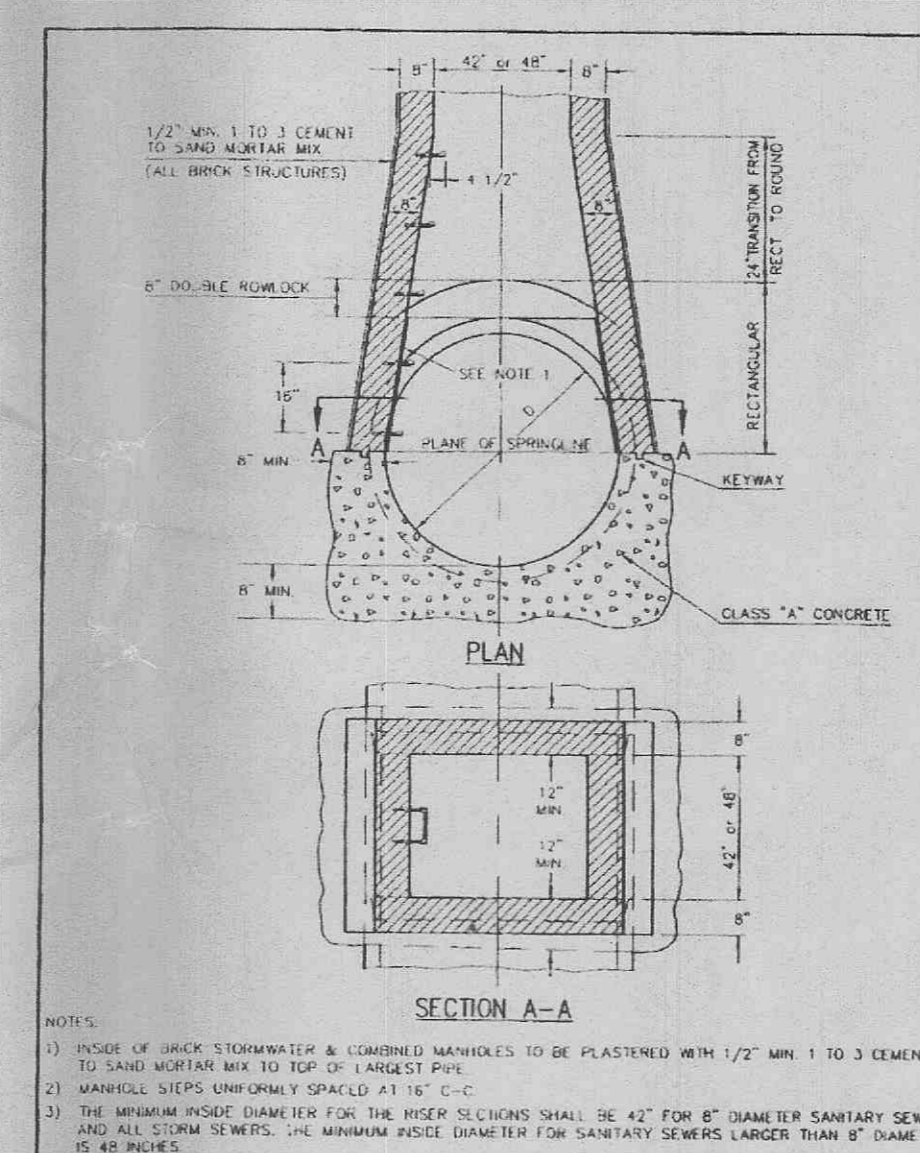
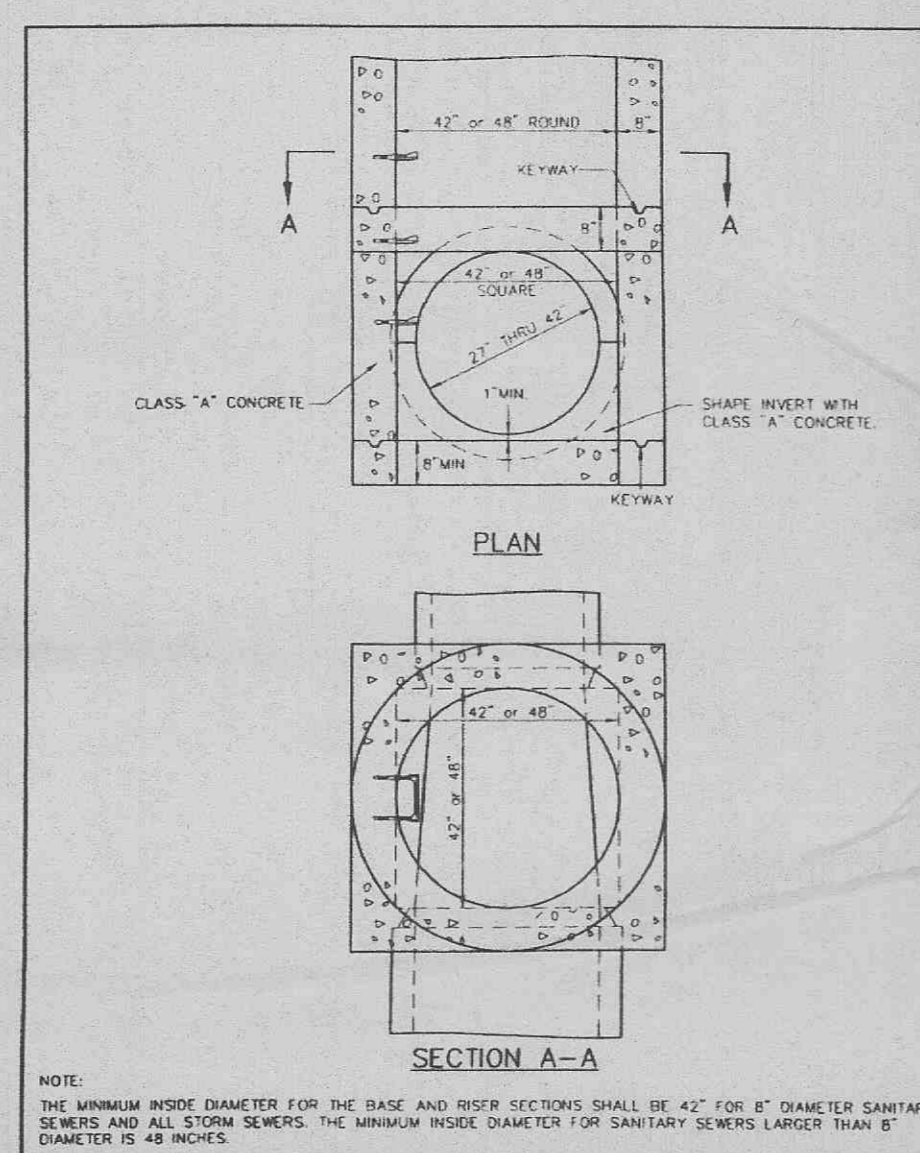
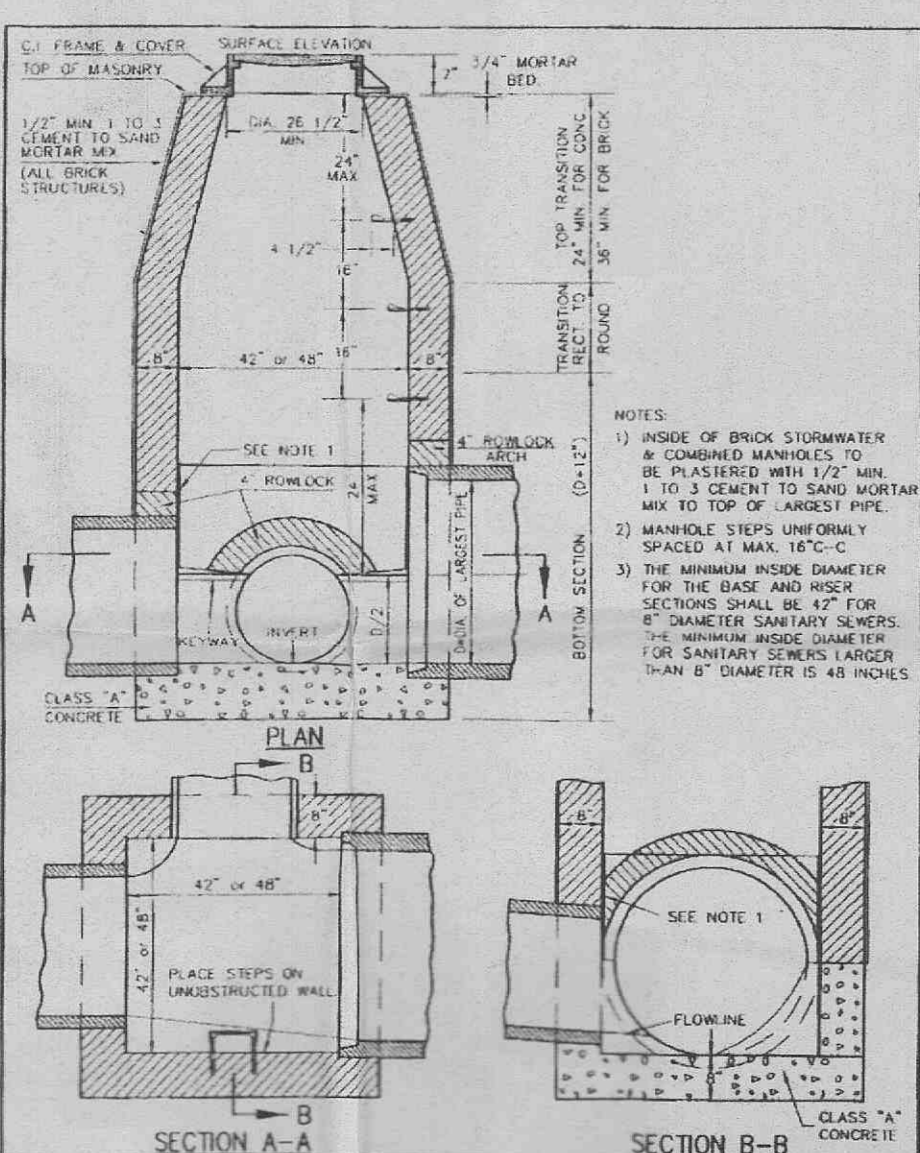
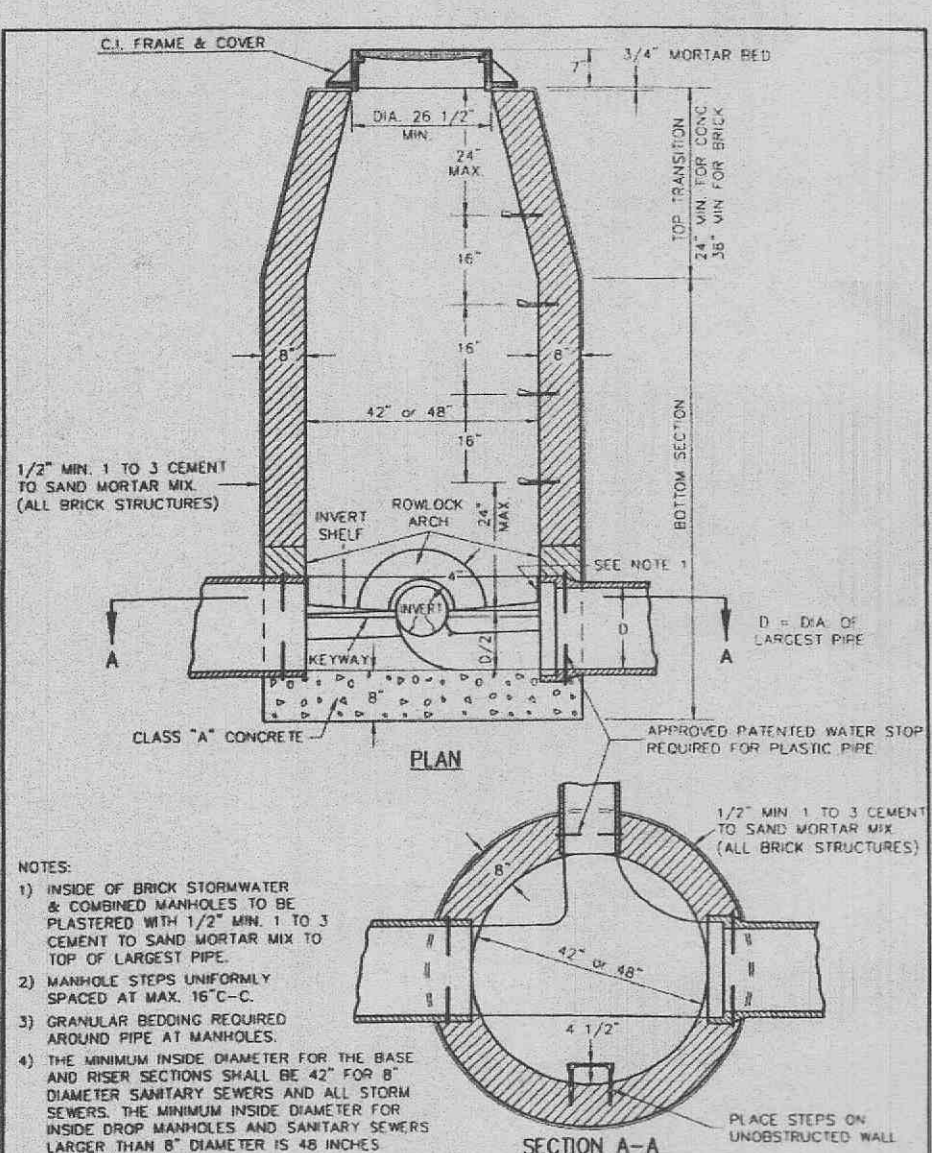
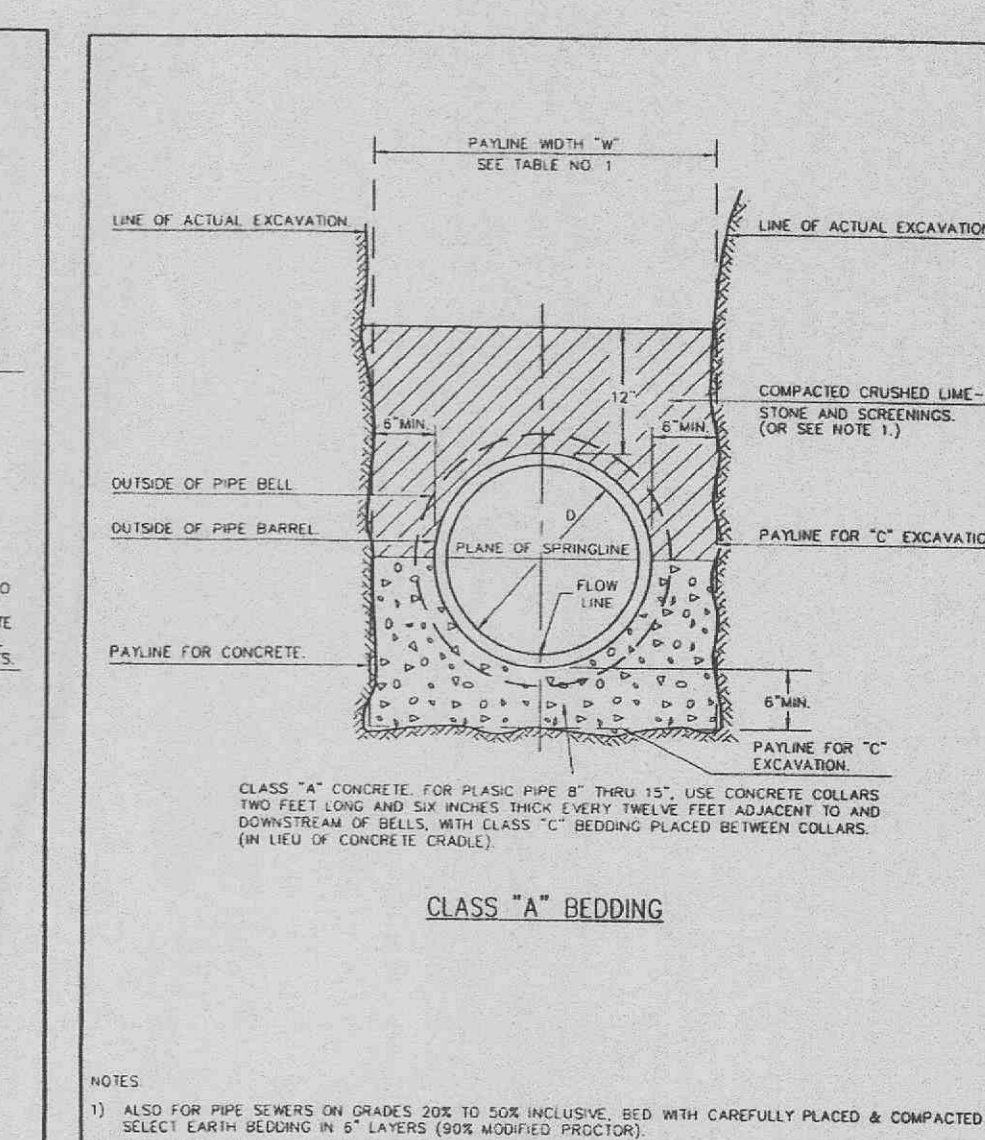
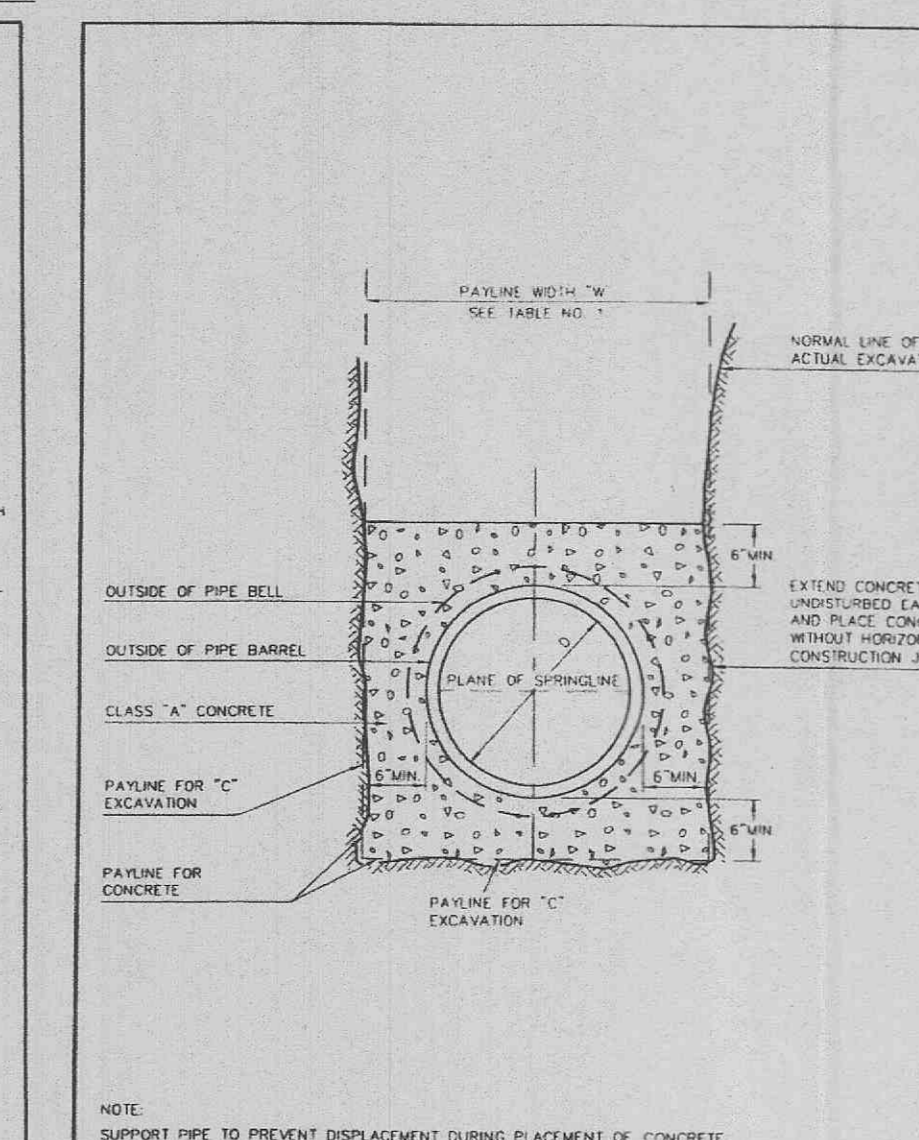
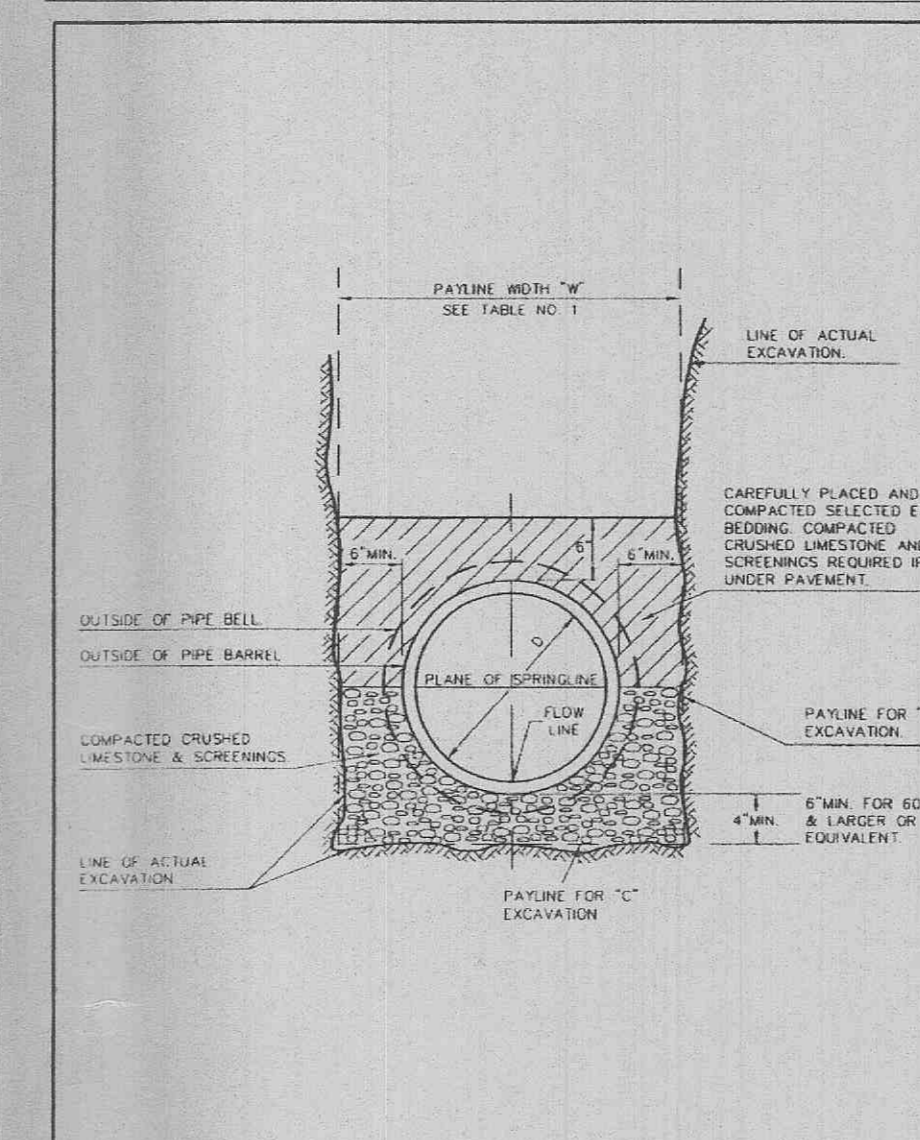
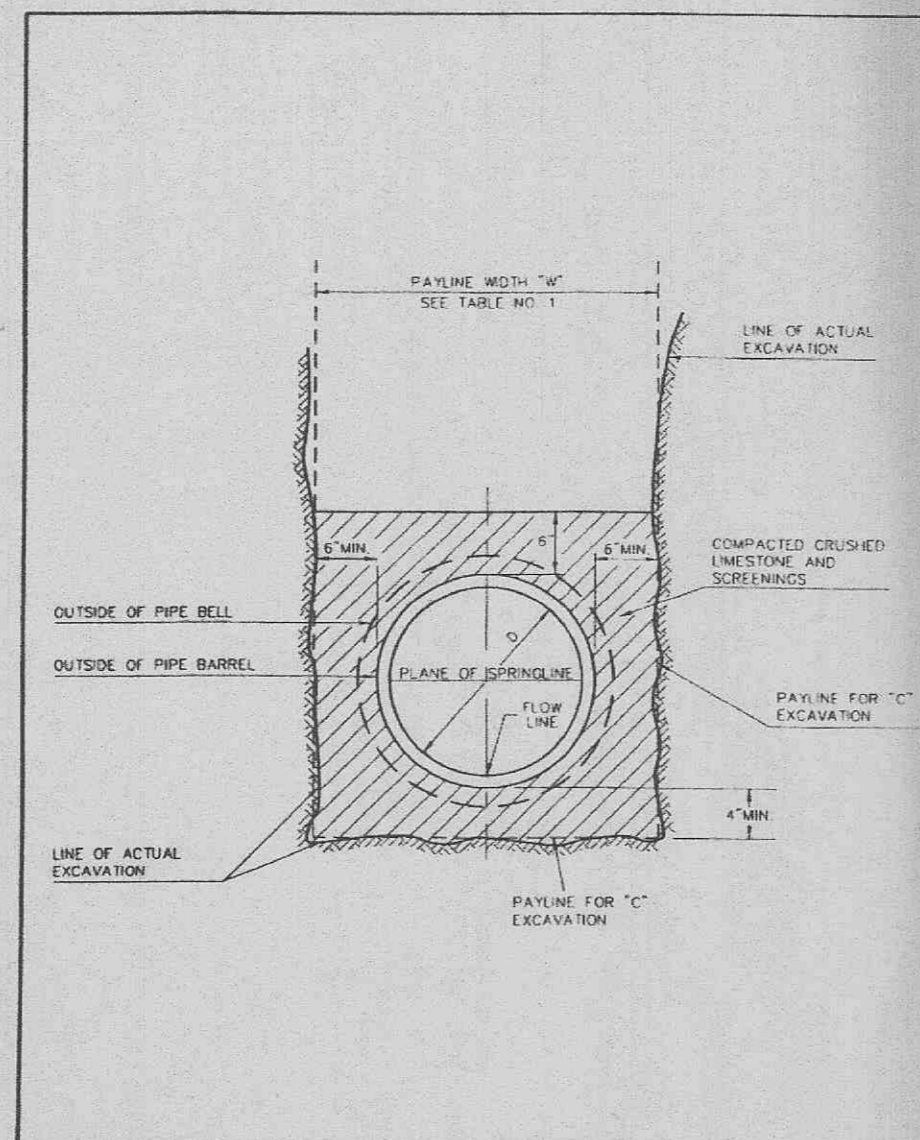
ROUND PIPE			HORIZONTAL ELLIPTICAL PIPE		
INSIDE DIAMETER OF PIPE (INCHES)	"W" PAYLINE WIDTH OF TRENCH (INCHES)	PAY VOLUMES CU. FT. PER FT. OF TRENCH ENCASUREMENT	INSIDE DIMENSIONS OF PIPE (INCHES)	"W" PAYLINE WIDTH OF TRENCH (INCHES)	PAY VOLUMES CU. FT. PER FT. OF TRENCH ENCASUREMENT
4	30	2.50			
6	30	2.50			
8	30	2.50			
10	30	2.50			
12	30	2.50			
15	36	3.00			
18	36	3.00			
21	36	3.00			
24	42	3.50			
27	42	3.50			
30	42	3.50			
33	48	4.00			
36	48	4.00			
39	48	4.00			
42	54	4.50			
45	54	4.50			
48	54	4.50			
51	60	5.00			
54	60	5.00			
57	60	5.00			
60	66	5.50			
63	66	5.50			
66	66	5.50			
69	72	6.00			
72	72	6.00			
75	72	6.00			
78	78	6.50			
81	78	6.50			
84	78	6.50			
87	84	7.00			
90	84	7.00			
93	84	7.00			
96	90	7.50			
99	90	7.50			
102	90	7.50			
105	96	8.00			
108	96	8.00			
111	96	8.00			
114	102	8.50			
117	102	8.50			
120	102	8.50			
123	108	9.00			
126	108	9.00			
129	108	9.00			
132	114	9.50			
135	114	9.50			
138	114	9.50			
141	120	10.00			
144	120	10.00			

TABLE 1  
PAYLINE WIDTHS OF TRENCH AND PAY-QUANTITIES OF CONCRETE  
METROPOLITAN ST. LOUIS SEWER DISTRICT  
Standard Details of Sewer Construction  
Dr. WSH/SAM  
Ch. J.C.K. 2000 SHEET 1



NOTE:  
PAYLINE FOR ANY OTHER TYPE OF CHANNEL EXCAVATION SHALL BE THE EXACT SHAPE OF THE SUBGRADE

PAYLINE LIMITS FOR EXCAVATION  
METROPOLITAN ST. LOUIS SEWER DISTRICT  
Standard Details of Sewer Construction  
Dr. WSH/SAM  
Ch. J.C.K. 2000 SHEET 2



ST. CHARLES ENGINEERING & SURVEYING, INC.  
 801 S. FIFTH STREET, SUITE 202  
 ST. CHARLES, MO 63301  
 TEL: (636) 947-0607 FAX: (636) 947-2448

PUND PLACE  
 STORM DETAILS

ORDER NO. \_\_\_\_\_  
 DATE 8-28-01  
 C-16