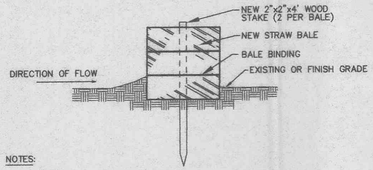
DETAILS

O'FALLON BUSINESS PARK

06-27-96 95-7941

06-10-97

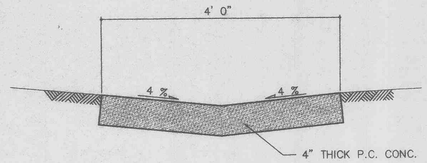


NOTES:

1. STRAW BALES, NOT HAY BALES SHALL BE USED
2. BUTT ENDS OF BALES TIGHTLY TOGETHER.
3. INSTALL BALES WITH BINDING AROUND SIDES, NOT TOP AND BOTTOM.
4. FILL ANY GAP BETWEEN BALES BY WEDGING LOOSE STRAW BETWEEN THEM.

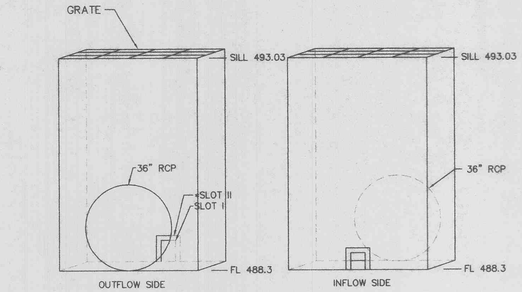
SEDIMENT BARRIER

NO SCALE



PAVED SWALE DETAIL

NOT TO SCALE

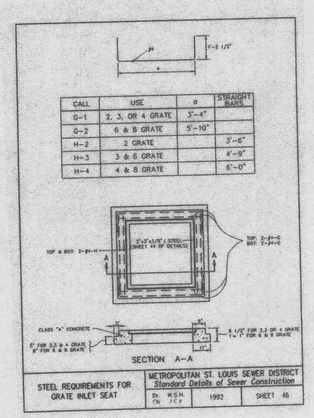


SLOT I – 12"w x 24"h
SLOT II – 19"w x 38"h

STANDARD DOUBLE AREA INLET STRUCTURE WITH GRATE

OVERFLOW STRUCTURE DETAIL

NOT TO SCALE



CALL	USE	D	STRAIGHT BARS
G-1	2, 3, OR 4 GRATE	3'-4"	
G-2	6 & 8 GRATE	5'-10"	
H-2	2 GRATE		3'-6"
H-3	3 & 6 GRATE		4'-9"
H-4	4 & 8 GRATE		6'-0"

STEEL REQUIREMENTS FOR GRATE INLET SEAT

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

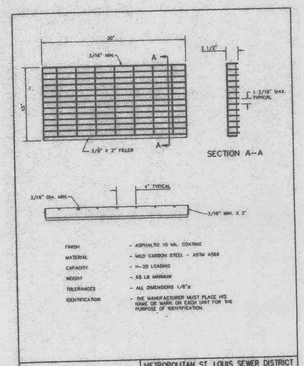
Dr. W.S.H. Ch. J.C.F.	1992	SHEET 46

ROUND PIPE				HORIZONTAL ELLIPTICAL PIPE			
NOMINAL DIAMETER OF PIPE (INCHES)	"W" PAYLINE WIDTH OF TRENCH (INCHES)	"W" PAYLINE WIDTH OF TRENCH (FEET)	PAY-VOLUMES CU. FT. PER FT. CONCRETE ENCASEMENT	NOMINAL DIMENSIONS OF PIPE (INCHES)	"W" PAYLINE WIDTH OF TRENCH (INCHES)	"W" PAYLINE WIDTH OF TRENCH (FEET)	PAY-VOLUMES CU. FT. PER FT. CONCRETE ENCASEMENT
4	36	2.50	3.29				
6	39	2.50	3.59				
8	36	3.00	3.87				
10	39	3.00	4.09				
12	39	3.00	4.35				
15	36	3.00	5.05				
18	36	3.00	5.77	14 x 23	41	3.42	5.04
21	39	3.00	6.61				
24	42	3.50	7.39	19 x 30	48	4.00	7.60
27	45	3.75	8.18	22 x 34	53	4.42	8.61
30	48	4.00	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	15.87	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	20.72	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	27.48
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	40.68
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	93 x 143	176	14.67	51.79
120	154	12.83	54.72	97 x 151	185	15.42	58.01
126	161	13.42	58.92				
132	168	14.00	63.27	105 x 166	202	16.83	64.49
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

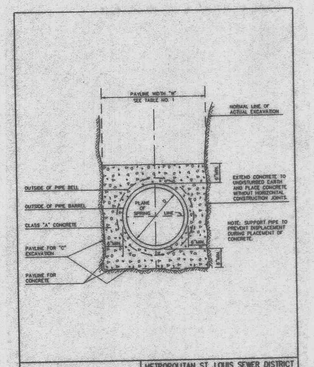
Dr. B.E.B. Ch. J.C.K.	1992	SHEET 1



DETAIL OF STEEL GRATE

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

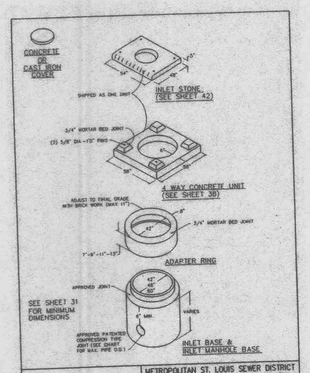
Dr. R.G.M. Ch. J.C.K.	1992	SHEET 45



CONCRETE ENCASEMENT

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

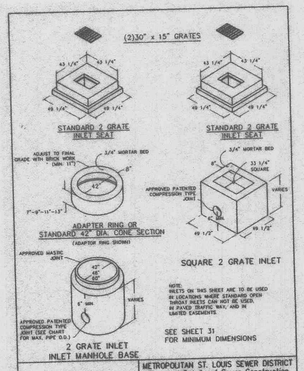
Dr. W.S.H. Ch. J.C.K.	1992	SHEET 5



AREA INLET PRECAST CONCRETE

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

Dr. J.L.G. Ch. J.C.K.	APRIL 1992	SHEET 32



2 GRATE INLETS PRECAST CONCRETE

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

Dr. J.L.G. Ch. J.C.K.	APRIL 1992	SHEET 33

C:\DWG\7941CON Tue Jun 10 14:10:11 1997 STATION 19