

6x6 GRATE INLET
METROPOLITAN ST LOUIS SEWER DISTRICT
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STANDARD INLET STONE
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CONCRETE BLOCK MANHOLE INLET
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DETAILS OF INLET FRAME AND GRATES
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PRE-CAST CONCRETE INLET COVER
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DETAIL OF STEEL GRATE ALTERNATE TO CAST IRON (1" GRATE)
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CALL	USE	W	Depth (in)
G-1	2.50 x 1.00	3'-4"	
G-2	6.00 Grs	5'-0"	
H-2	2 Grs	3'-4"	
H-3	3.00 Grs	4'-9"	
H-4	4.00 Grs	6'-0"	

STEEL REQUIREMENTS FOR GRATE INLET SEAT
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CAST IRON SIDE INTAKE UNIT FOR GRATED INLETS
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CAST IRON MANHOLE FRAME
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CAST IRON COVERS MANHOLES AND INLETS
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CAST IRON MANHOLE COVER (LOGE TYPE)
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LOCKING DEVICE FOR TYPE 'T' MANHOLE COVER
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LOCKING DEVICE FOR TYPE 'W' LOCK TYPE MANHOLE COVER
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CAST IRON MANHOLE STEPS
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FLARED END SECTION
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STORMWATER CHANNELS
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HOUSE CONNECTION TO EXISTING TEE OR WYE
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MACHINE TAP
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HOUSE CONNECTIONS ALLOWED BY TEE SADDLE
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PLASTIC TO PLASTIC FITTING
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"ROLL-IN" FOR EXISTING CLAY OR CONCRETE PIPE
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CONNECTIONS TO LARGE SEWERS
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FORCE MAIN CLEANOUT (1" DIA. & SMALLER)
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TONGUE AND GROOVE CONCRETE PIPE JOINTS
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CLEANOUT DETAIL (N.T.S.)

LAMP HOLE
8" TOP OF FRAME TO BE AT OR ABOVE GROUND LEVEL
6x4 REDUCER
4" PVC CLEAN OUT
8" PVC
FLOW

ROUND PIPE		HORIZONTAL ELLIPTICAL PIPE	
Depth (in)	Weight (lb/ft)	Depth (in)	Weight (lb/ft)
12	2.24	12	2.24
14	2.67	14	2.67
16	3.10	16	3.10
18	3.53	18	3.53
20	3.96	20	3.96
22	4.39	22	4.39
24	4.82	24	4.82
26	5.25	26	5.25
28	5.68	28	5.68
30	6.11	30	6.11
32	6.54	32	6.54
34	6.97	34	6.97
36	7.40	36	7.40
38	7.83	38	7.83
40	8.26	40	8.26
42	8.69	42	8.69
44	9.12	44	9.12
46	9.55	46	9.55
48	9.98	48	9.98
50	10.41	50	10.41
52	10.84	52	10.84
54	11.27	54	11.27
56	11.70	56	11.70
58	12.13	58	12.13
60	12.56	60	12.56
62	12.99	62	12.99
64	13.42	64	13.42
66	13.85	66	13.85
68	14.28	68	14.28
70	14.71	70	14.71
72	15.14	72	15.14
74	15.57	74	15.57
76	16.00	76	16.00
78	16.43	78	16.43
80	16.86	80	16.86
82	17.29	82	17.29
84	17.72	84	17.72
86	18.15	86	18.15
88	18.58	88	18.58
90	19.01	90	19.01
92	19.44	92	19.44
94	19.87	94	19.87
96	20.30	96	20.30
98	20.73	98	20.73
100	21.16	100	21.16

TABLE NOT TO BE USED FOR PIPE QUANTITIES OF CONCRETE
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POCKET CREEK SEWER DISTRICT STANDARD CONSTRUCTION DETAIL (FOR ALL PIPE EXCEPT REINFORCED CONCRETE PIPE)
DETAIL NO. JAN. 1989

INSIDE DROP MANHOLE
POCKET CREEK SEWER DISTRICT STANDARD CONSTRUCTION DETAIL (FOR ALL PIPE EXCEPT REINFORCED CONCRETE PIPE)
DETAIL NO. JAN. 1989

LINE MANHOLE
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TERMINAL MANHOLE
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