

CONSTRUCTION DETAILS

PRE-CAST CONCRETE ADAPTER RING FOR USE ON PRECAST MANHOLE TEE

NOTE: TO BE USED WHERE NO CHANGE IN LINE OR GRADE IS REQUIRED AT MANHOLE.

UNTRAPPED STREET INLET BRICK CONSTRUCTION

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction
Dr. W.S.H. Ch. J.C.K. 1992 SHEET 19

UNTRAPPED STREET INLET BRICK CONSTRUCTION

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MULTIPLE STREET INLET BRICK CONSTRUCTION

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DOUBLE UNTRAPPED STREET INLET BRICK CONSTRUCTION

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AREA INLET MANHOLE (12" THRU 24")

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PRE-CAST CONCRETE UNIT FOR 4 WAY AREA INLET

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DOUBLE AREA INLET OPEN 4 SIDES BRICK CONSTRUCTION

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2 GRATE INLET BRICK CONSTRUCTION

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2 GRATE INLET WITH SIDE INTAKE BRICK CONSTRUCTION

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3 & 4 GRATE INLET BRICK CONSTRUCTION

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6 & 8 GRATE INLET BRICK CONSTRUCTION

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PRECAST CONCRETE STORMWATER STRUCTURES

MINIMUM DISTANCE FLOWLINE TO TOP OF STONE OR GRATE

PIPE ID NOMINAL INCHES	AREA INLET CIRCULAR BASE DIA	2 GRATE INLET CIRCULAR BASE DIA	SQUARE BASE DIA	SINGLE STREET INLET CIRCULAR BASE DIA
12"	48"	36"	36"	48"
15"	48"	42"	36"	48"
18"	54"	42"	36"	48"
21"	54"	42"	40"	54"
24"	54"	48"	40"	54"
27"	60"	48"	44"	60"
30"	60"	48"	44"	60"
36"	72"	54"	48"	72"
42"	72"	54"	48"	72"

NOTE: 48" DIA. BASE REQUIRES 1" HIGH TRANSITION SECTION TO 42" DIA., SIMILAR TO ADAPTER RING SHEET 22.
2. 60" DIA. BASE REQUIRES 1" HIGH CONCENTRIC REDUCER TRANSITION TO 42" DIA., SIMILAR TO ADAPTER RING SHEET 22.

PRECAST CONCRETE STORMWATER STRUCTURES

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AREA INLET PRECAST CONCRETE

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2 GRATE INLET PRECAST CONCRETE

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SINGLE STREET INLET PRECAST CONCRETE

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DOUBLE UNTRAPPED STREET INLET PRECAST CONCRETE

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PRE-CAST CONCRETE UNIT FOR SINGLE STREET INLET

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PRE-CAST CONCRETE UNIT FOR 4 WAY AREA INLET

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