

NOTE: STANDARD 18" PIPE SHALL BE USED FOR ALL PIPES IN THIS SECTION.

#5 Bar (Typ)

BRICK CONSTRUCTION

STANDARD 18" PIPES

APPROVED TEST REQUIRED FOR EACH END

STANDARD 18" PIPES

STANDARD INLET TONGUES AND COVERS (REQUIRED)

SECTION A-A

FRONT VIEW OF GUTTER SUMP

SECTION B-B

AREA INLET MANHOLE (12" THRU 24")

METROPOLITAN ST. LOUIS SEWER DISTRICT  
Standard Details of Sewer Construction

APRIL 1992	SHEET 15
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STANDARD 18" PIPES

APPROVED TEST REQUIRED FOR EACH END

STANDARD 18" PIPES

STANDARD INLET TONGUES AND COVERS (REQUIRED)

SECTION A-A

FRONT VIEW OF GUTTER SUMP

SECTION B-B

DOUBLE AREA INLET OPEN 4 SIDES BRICK CONSTRUCTION

METROPOLITAN ST. LOUIS SEWER DISTRICT  
Standard Details of Sewer Construction

APRIL 1992	SHEET 16
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STANDARD 18" PIPES

APPROVED TEST REQUIRED FOR EACH END

STANDARD 18" PIPES

STANDARD INLET TONGUES AND COVERS (REQUIRED)

SECTION A-A

FRONT VIEW OF GUTTER SUMP

SECTION B-B

GUTTER SUMP FOR LIP CURB

METROPOLITAN ST. LOUIS SEWER DISTRICT  
Standard Details of Sewer Construction

APRIL 1992	SHEET 16
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STANDARD 18" PIPES

APPROVED TEST REQUIRED FOR EACH END

STANDARD 18" PIPES

STANDARD INLET TONGUES AND COVERS (REQUIRED)

SECTION A-A

FRONT VIEW OF GUTTER SUMP

SECTION B-B

2 GRATE INLET WITH SIDE INTAKE BRICK CONSTRUCTION

METROPOLITAN ST. LOUIS SEWER DISTRICT  
Standard Details of Sewer Construction

APRIL 1992	SHEET 18
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STANDARD 18" PIPES

APPROVED TEST REQUIRED FOR EACH END

STANDARD 18" PIPES

STANDARD INLET TONGUES AND COVERS (REQUIRED)

SECTION A-A

FRONT VIEW OF GUTTER SUMP

SECTION B-B

FLARED END SECTION

METROPOLITAN ST. LOUIS SEWER DISTRICT  
Standard Details of Sewer Construction

APRIL 1992	SHEET 17
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STANDARD 18" PIPES

APPROVED TEST REQUIRED FOR EACH END

STANDARD 18" PIPES

STANDARD INLET TONGUES AND COVERS (REQUIRED)

SECTION A-A

FRONT VIEW OF GUTTER SUMP

SECTION B-B

STORMWATER CHANNELS

METROPOLITAN ST. LOUIS SEWER DISTRICT  
Standard Details of Sewer Construction

APRIL 1992	SHEET 18
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PRECAST CONCRETE STORMWATER STRUCTURES

MINIMUM DISTANCE FLOWING TO TOP OF STONE OR GRATE

PIPE SIZE	AREA INLET	STREET INLET	ADAPTER RING	ADAPTER RING	ADAPTER RING
12"	12"	12"	12"	12"	12"
15"	15"	15"	15"	15"	15"
18"	18"	18"	18"	18"	18"
21"	21"	21"	21"	21"	21"
24"	24"	24"	24"	24"	24"
30"	30"	30"	30"	30"	30"
36"	36"	36"	36"	36"	36"
42"	42"	42"	42"	42"	42"
48"	48"	48"	48"	48"	48"
54"	54"	54"	54"	54"	54"
60"	60"	60"	60"	60"	60"
72"	72"	72"	72"	72"	72"
84"	84"	84"	84"	84"	84"
96"	96"	96"	96"	96"	96"
108"	108"	108"	108"	108"	108"
120"	120"	120"	120"	120"	120"

NOTE: SEE SHEET 15 FOR DETAILS. SEE SHEET 16 FOR DETAILS. SEE SHEET 17 FOR DETAILS.

PRECAST CONCRETE STORMWATER STRUCTURES

METROPOLITAN ST. LOUIS SEWER DISTRICT  
Standard Details of Sewer Construction

APRIL 1992	SHEET 19
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STANDARD 18" PIPES

APPROVED TEST REQUIRED FOR EACH END

STANDARD 18" PIPES

STANDARD INLET TONGUES AND COVERS (REQUIRED)

SECTION A-A

FRONT VIEW OF GUTTER SUMP

SECTION B-B

AREA INLET PRECAST CONCRETE

METROPOLITAN ST. LOUIS SEWER DISTRICT  
Standard Details of Sewer Construction

APRIL 1992	SHEET 20
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STANDARD 18" PIPES

APPROVED TEST REQUIRED FOR EACH END

STANDARD 18" PIPES

STANDARD INLET TONGUES AND COVERS (REQUIRED)

SECTION A-A

FRONT VIEW OF GUTTER SUMP

SECTION B-B

2 GRATE INLET PRECAST CONCRETE

METROPOLITAN ST. LOUIS SEWER DISTRICT  
Standard Details of Sewer Construction

APRIL 1992	SHEET 21
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STANDARD 18" PIPES

APPROVED TEST REQUIRED FOR EACH END

STANDARD 18" PIPES

STANDARD INLET TONGUES AND COVERS (REQUIRED)

SECTION A-A

FRONT VIEW OF GUTTER SUMP

SECTION B-B

SINGLE STREET INLETS PRECAST CONCRETE

METROPOLITAN ST. LOUIS SEWER DISTRICT  
Standard Details of Sewer Construction

APRIL 1992	SHEET 22
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STANDARD 18" PIPES

APPROVED TEST REQUIRED FOR EACH END

STANDARD 18" PIPES

STANDARD INLET TONGUES AND COVERS (REQUIRED)

SECTION A-A

FRONT VIEW OF GUTTER SUMP

SECTION B-B

DOUBLE UNTRAPPED STREET INLET PRECAST CONCRETE

METROPOLITAN ST. LOUIS SEWER DISTRICT  
Standard Details of Sewer Construction

APRIL 1992	SHEET 23
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STANDARD 18" PIPES

APPROVED TEST REQUIRED FOR EACH END

STANDARD 18" PIPES

STANDARD INLET TONGUES AND COVERS (REQUIRED)

SECTION A-A

FRONT VIEW OF GUTTER SUMP

SECTION B-B

PRE-CAST CONCRETE UNIT FOR SINGLE STREET INLET

METROPOLITAN ST. LOUIS SEWER DISTRICT  
Standard Details of Sewer Construction

APRIL 1992	SHEET 24
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STANDARD 18" PIPES

APPROVED TEST REQUIRED FOR EACH END

STANDARD 18" PIPES

STANDARD INLET TONGUES AND COVERS (REQUIRED)

SECTION A-A

FRONT VIEW OF GUTTER SUMP

SECTION B-B

PRE-CAST CONCRETE UNIT FOR 4 WAY AREA INLET

METROPOLITAN ST. LOUIS SEWER DISTRICT  
Standard Details of Sewer Construction

APRIL 1992	SHEET 25
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STANDARD 18" PIPES

APPROVED TEST REQUIRED FOR EACH END

STANDARD 18" PIPES

STANDARD INLET TONGUES AND COVERS (REQUIRED)

SECTION A-A

FRONT VIEW OF GUTTER SUMP

SECTION B-B

CONCRETE DOUBLE STREET INLET W/ PRECAST CONCRETE UNIT A

METROPOLITAN ST. LOUIS SEWER DISTRICT  
Standard Details of Sewer Construction

APRIL 1992	SHEET 26
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STANDARD 18" PIPES

APPROVED TEST REQUIRED FOR EACH END

STANDARD 18" PIPES

STANDARD INLET TONGUES AND COVERS (REQUIRED)

SECTION A-A

FRONT VIEW OF GUTTER SUMP

SECTION B-B

PRE-CAST CONCRETE UNIT FOR STREET DOUBLE INLET

METROPOLITAN ST. LOUIS SEWER DISTRICT  
Standard Details of Sewer Construction

APRIL 1992	SHEET 27
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STANDARD 18" PIPES

APPROVED TEST REQUIRED FOR EACH END

STANDARD 18" PIPES

STANDARD INLET TONGUES AND COVERS (REQUIRED)

SECTION A-A

FRONT VIEW OF GUTTER SUMP

SECTION B-B

PRE-CAST CONCRETE UNIT FOR STREET DOUBLE INLET

METROPOLITAN ST. LOUIS SEWER DISTRICT  
Standard Details of Sewer Construction

APRIL 1992	SHEET 28
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STANDARD 18" PIPES

APPROVED TEST REQUIRED FOR EACH END

STANDARD 18" PIPES

STANDARD INLET TONGUES AND COVERS (REQUIRED)

SECTION A-A

FRONT VIEW OF GUTTER SUMP

SECTION B-B

STANDARD INLET STONES

METROPOLITAN ST. LOUIS SEWER DISTRICT  
Standard Details of Sewer Construction

APRIL 1992	SHEET 29
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STANDARD 18" PIPES

APPROVED TEST REQUIRED FOR EACH END

STANDARD 18" PIPES

STANDARD INLET TONGUES AND COVERS (REQUIRED)

SECTION A-A

FRONT VIEW OF GUTTER SUMP

SECTION B-B

ENERGY DISSIPATER DETAIL

METROPOLITAN ST. LOUIS SEWER DISTRICT  
Standard Details of Sewer Construction

APRIL 1992	SHEET 30
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NOTE! ADD #5 BAR TO THROAT OF ALL INLETS.