

(2) 30" x 15" GRATES

STANDARD (2) GRATE INLET SEAT

ADAPTER RING OR STANDARD 42" DIAMETER CONE SECTION

SQUARE (2) GRATE INLET

(2) GRATE INLET (INLET MANHOLE BASE)

SEE CHART FOR MINIMUM DIMENSIONS.

2 GRATE INLETS PRECAST CONCRETE	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction
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CONCRETE OR CAST IRON COVER

CONCRETE OR CAST IRON COVER

INLET STONE

INLET STONE

SINGLE CURB INLET

ADAPTER RING

SHALLOW SINGLE CURB INLET

INLET BASE & INLET MANHOLE BASE

SEE CHART FOR MINIMUM DIMENSIONS.

SINGLE STREET INLETS PRECAST CONCRETE	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction
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DOUBLE UNTRAPPED STREET INLET

PRECAST CONCRETE UNIT FOR SINGLE STREET INLET

PRECAST CONCRETE UNIT FOR 4 WAY AREA INLET

SEE CHART FOR MINIMUM DIMENSIONS.

DOUBLE UNTRAPPED STREET INLET PRECAST CONCRETE	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction
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PRECAST CONCRETE UNIT FOR SINGLE STREET INLET	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction
Dr. WSH/SAM Ch. J.C.K.	2000 SHEET 40

PRECAST CONCRETE UNIT FOR 4 WAY AREA INLET	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction
Dr. DAB/SAM Ch. J.C.K.	2000 SHEET 41

PRECAST CONCRETE UNIT FOR SINGLE STREET INLET

PRECAST CONCRETE UNIT FOR 4 WAY AREA INLET

SEE CHART FOR MINIMUM DIMENSIONS.

PRECAST CONCRETE UNIT FOR SINGLE STREET INLET	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction
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PRECAST CONCRETE UNIT FOR 4 WAY AREA INLET	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction
Dr. DAB/SAM Ch. J.C.K.	2000 SHEET 41

PRECAST CONCRETE UNIT FOR 4 WAY AREA INLET

PRECAST CONCRETE UNIT FOR 4 WAY AREA INLET

SEE CHART FOR MINIMUM DIMENSIONS.

PRECAST CONCRETE UNIT FOR 4 WAY AREA INLET	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction
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HOUSE CONNECTION

HOUSE CONNECTION TO EXISTING TEE OR WYE

NOTES:

- 6" V.C.P. WITH COMPRESSION JOINT. (SHOW)
- 6" V.C.P. WITH COMPRESSION JOINT. USE SEWER-TITE AND OAKUM.
- 6" V.C.P. CONNECTION IS APPROVED. A 4" TO 6" INCREASER IS REQUIRED.
- 6" P.V.C. IS USED A FERROD ADAPTOR OR SEWER-TITE AND OAKUM MAY BE USED TO MAKE THE JOINT.
- A CLEAN DRY BEDDING MATERIAL IS REQUIRED AROUND THE COMPLETED CONNECTION BEFORE BACKFILLING. THE BEDDING MATERIAL SHALL BE ONE OF THE FOLLOWING:
 - A. M.S.D. NO. 1 BEDDING.
 - B. 1 TO 3 SAND TO GRADE MORTAR MIX.
 - C. "PRE-MIX" CONCRETE.

HOUSE CONNECTION TO EXISTING TEE OR WYE	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction
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STANDARD - INLET STONES, BLOCKS & DESIGN DETAILS

STANDARD - INLET STONES, BLOCKS & DESIGN DETAILS

SEE CHART FOR MINIMUM DIMENSIONS.

STANDARD - INLET STONES, BLOCKS & DESIGN DETAILS	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction
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HEAVY DUTY 8 INCH INLET STONE (ALTERNATE)

HEAVY DUTY 8 INCH INLET STONE (ALTERNATE)

SEE CHART FOR MINIMUM DIMENSIONS.

HEAVY DUTY 8 INCH INLET STONE (ALTERNATE)	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction
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DETAILS OF INLET FRAME AND GRATES

DETAILS OF INLET FRAME AND GRATES

SEE CHART FOR MINIMUM DIMENSIONS.

DETAILS OF INLET FRAME AND GRATES	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction
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DETAIL OF STEEL GRATE

DETAIL OF STEEL GRATE

SEE CHART FOR MINIMUM DIMENSIONS.

DETAIL OF STEEL GRATE	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction
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STEEL REQUIREMENTS FOR GRATE INLET SEAT

STEEL REQUIREMENTS FOR GRATE INLET SEAT

SEE CHART FOR MINIMUM DIMENSIONS.

STEEL REQUIREMENTS FOR GRATE INLET SEAT	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction
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CAST IRON MANHOLE FRAME

CAST IRON MANHOLE FRAME

SEE CHART FOR MINIMUM DIMENSIONS.

CAST IRON MANHOLE FRAME	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction
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CAST IRON COVERS MANHOLES AND INLETS

CAST IRON COVERS MANHOLES AND INLETS

SEE CHART FOR MINIMUM DIMENSIONS.

CAST IRON COVERS MANHOLES AND INLETS	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction
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CAST IRON MANHOLE COVERS (LOCK TYPE)

CAST IRON MANHOLE COVERS (LOCK TYPE)

SEE CHART FOR MINIMUM DIMENSIONS.

CAST IRON MANHOLE COVERS (LOCK TYPE)	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction
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LOCKING DEVICE FOR TYPE "M" LOCK TYPE MANHOLE COVER

LOCKING DEVICE FOR TYPE "M" LOCK TYPE MANHOLE COVER

SEE CHART FOR MINIMUM DIMENSIONS.

LOCKING DEVICE FOR TYPE "M" LOCK TYPE MANHOLE COVER	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction
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LOCKING DEVICE FOR TYPE "N" LOCK TYPE MANHOLE COVER

LOCKING DEVICE FOR TYPE "N" LOCK TYPE MANHOLE COVER

SEE CHART FOR MINIMUM DIMENSIONS.

LOCKING DEVICE FOR TYPE "N" LOCK TYPE MANHOLE COVER	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction
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MACHINE TAP

MACHINE TAP

SEE CHART FOR MINIMUM DIMENSIONS.

MACHINE TAP	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction
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MANHOLE STEP FOR PRECAST & CAST-IN-PLACE MANHOLE

MANHOLE STEP FOR PRECAST & CAST-IN-PLACE MANHOLE

SEE CHART FOR MINIMUM DIMENSIONS.

MANHOLE STEP FOR PRECAST & CAST-IN-PLACE MANHOLE	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction
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