

**PRE-CAST CONCRETE UNIT FOR SINGLE STREET INLET**  
 METROPOLITAN ST. LOUIS SEWER DISTRICT  
 Standard Details of Sewer Construction  
 CH. J.C.K. 1992 SHEET 37

SECTION A-A

NOTES:  
 1. SET STANDARD INLET STONE IN 2 1/2" DEEP BED AND COVER WITH 3/4" WIDE RIB AND POINT.  
 2. HOLE TO FINAL GRADE WITH 1/2" WIDE RIB AND POINT.  
 3. HOLE TO BE USED WITH 1/2" WIDE RIB.  
 4. TO BE USED WITH 1/2" WIDE RIB.  
 5. HOLE TO BE USED WITH 1/2" WIDE RIB.

**PRE-CAST CONCRETE UNIT FOR 4 WAY AREA INLET**  
 METROPOLITAN ST. LOUIS SEWER DISTRICT  
 Standard Details of Sewer Construction  
 CH. D.A.B. 1992 SHEET 38

SECTION A-A

SECTION B-B

NOTES:  
 1. SET STANDARD INLET STONE IN 2 1/2" WIDE RIB AND POINT WITH 3/4" WIDE RIB AND POINT.  
 2. HOLE TO BE USED WITH 1/2" WIDE RIB.  
 3. HOLE TO BE USED WITH 1/2" WIDE RIB.  
 4. HOLE TO BE USED WITH 1/2" WIDE RIB.

**CONCRETE DOUBLE STREET INLET W/PRE CAST**  
 METROPOLITAN ST. LOUIS SEWER DISTRICT  
 Standard Details of Sewer Construction  
 CH. J.C.K. 1992 SHEET 39

SECTION A-A

SECTION B-B

ELEVATION

NOTES:  
 1. SET STANDARD INLET STONE IN 2 1/2" WIDE RIB AND POINT WITH 3/4" WIDE RIB AND POINT.  
 2. HOLE TO BE USED WITH 1/2" WIDE RIB.  
 3. HOLE TO BE USED WITH 1/2" WIDE RIB.  
 4. HOLE TO BE USED WITH 1/2" WIDE RIB.

**PRE-CAST CONCRETE UNIT A FOR STREET DOUBLE INLET**  
 METROPOLITAN ST. LOUIS SEWER DISTRICT  
 Standard Details of Sewer Construction  
 CH. J.C.K. 1992 SHEET 40

SECTION A-A

NOTES:  
 1. SET 2 STANDARD INLET STONES IN 2 1/2" WIDE RIB AND POINT WITH 3/4" WIDE RIB AND POINT.  
 2. HOLE TO BE USED WITH 1/2" WIDE RIB.  
 3. HOLE TO BE USED WITH 1/2" WIDE RIB.  
 4. HOLE TO BE USED WITH 1/2" WIDE RIB.

**PRE-CAST CONCRETE UNIT B FOR STREET DOUBLE INLET**  
 METROPOLITAN ST. LOUIS SEWER DISTRICT  
 Standard Details of Sewer Construction  
 CH. J.C.K. 1992 SHEET 41

SECTION A-A

NOTES:  
 1. SET 2 STANDARD INLET STONES IN 2 1/2" WIDE RIB AND POINT WITH 3/4" WIDE RIB AND POINT.  
 2. HOLE TO BE USED WITH 1/2" WIDE RIB.  
 3. HOLE TO BE USED WITH 1/2" WIDE RIB.  
 4. HOLE TO BE USED WITH 1/2" WIDE RIB.

**PRE-CAST CONCRETE INLET COVER**  
 METROPOLITAN ST. LOUIS SEWER DISTRICT  
 Standard Details of Sewer Construction  
 CH. J.C.K. 1992 SHEET 43

SECTION A-A

GRID DETAIL

STANDARD INLET STONE MUST BE MODIFIED TO RECEIVE CONC. COVER

NOTES:  
 1. SET STANDARD INLET STONE IN 2 1/2" WIDE RIB AND POINT WITH 3/4" WIDE RIB AND POINT.  
 2. HOLE TO BE USED WITH 1/2" WIDE RIB.  
 3. HOLE TO BE USED WITH 1/2" WIDE RIB.

**DETAILS OF INLET FRAME AND GRATES**  
 METROPOLITAN ST. LOUIS SEWER DISTRICT  
 Standard Details of Sewer Construction  
 CH. J.C.K. 1992 SHEET 44

SECTION A-A

SECTION B-B

SECTION C-C

SECTION D-D

SECTION E-E

SECTION F-F

SECTION G-G

SECTION H-H

SECTION I-I

SECTION J-J

SECTION K-K

SECTION L-L

SECTION M-M

SECTION N-N

SECTION O-O

SECTION P-P

SECTION Q-Q

SECTION R-R

SECTION S-S

SECTION T-T

SECTION U-U

SECTION V-V

SECTION W-W

SECTION X-X

SECTION Y-Y

SECTION Z-Z

**DETAIL OF STEEL GRATE**  
 METROPOLITAN ST. LOUIS SEWER DISTRICT  
 Standard Details of Sewer Construction  
 CH. J.C.K. 1992 SHEET 45

SECTION A-A

TABLE:

USE	CALL
STRAIGHT	0
3" OR 4" GRATE	3-4"
6" OR 8" GRATE	5-10"
2 GRATE	3-6"
3 & 6 GRATE	4-9"
4 & 8 GRATE	H-4

NOTES:  
 1. ALL DIMENSIONS IN INCHES.  
 2. ALL DIMENSIONS TO FACE UNLESS OTHERWISE NOTED.  
 3. THE WEIGHTS AND CAPACITIES ARE APPROXIMATE.  
 4. THE WEIGHTS AND CAPACITIES ARE APPROXIMATE.  
 5. THE WEIGHTS AND CAPACITIES ARE APPROXIMATE.

**STEEL REQUIREMENTS FOR GRATE INLET SEAT**  
 METROPOLITAN ST. LOUIS SEWER DISTRICT  
 Standard Details of Sewer Construction  
 CH. M.S.H. 1992 SHEET 46

SECTION A-A

NOTES:  
 1. ALL DIMENSIONS IN INCHES.  
 2. ALL DIMENSIONS TO FACE UNLESS OTHERWISE NOTED.  
 3. THE WEIGHTS AND CAPACITIES ARE APPROXIMATE.  
 4. THE WEIGHTS AND CAPACITIES ARE APPROXIMATE.  
 5. THE WEIGHTS AND CAPACITIES ARE APPROXIMATE.

**CAST IRON SIDE INLET UNIT FOR GRATED INLETS**  
 METROPOLITAN ST. LOUIS SEWER DISTRICT  
 Standard Details of Sewer Construction  
 CH. H.C.M. 1992 SHEET 47

SECTION B-B

ELEVATION

PLAN

NOTES:  
 1. ALL DIMENSIONS IN INCHES.  
 2. ALL DIMENSIONS TO FACE UNLESS OTHERWISE NOTED.  
 3. THE WEIGHTS AND CAPACITIES ARE APPROXIMATE.  
 4. THE WEIGHTS AND CAPACITIES ARE APPROXIMATE.  
 5. THE WEIGHTS AND CAPACITIES ARE APPROXIMATE.

**CAST IRON MANHOLE FRAME**  
 METROPOLITAN ST. LOUIS SEWER DISTRICT  
 Standard Details of Sewer Construction  
 CH. D.A.B. 1992 SHEET 48

SECTION A-A

NOTES:  
 1. ALL DIMENSIONS IN INCHES.  
 2. ALL DIMENSIONS TO FACE UNLESS OTHERWISE NOTED.  
 3. THE WEIGHTS AND CAPACITIES ARE APPROXIMATE.  
 4. THE WEIGHTS AND CAPACITIES ARE APPROXIMATE.  
 5. THE WEIGHTS AND CAPACITIES ARE APPROXIMATE.

**MANHOLE STEP FOR PRECAST MANHOLE**  
 METROPOLITAN ST. LOUIS SEWER DISTRICT  
 Standard Details of Sewer Construction  
 CH. J.C.K. 1992 SHEET 54

SECTION A-A

NOTES:  
 1. ALL DIMENSIONS IN INCHES.  
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 4. THE WEIGHTS AND CAPACITIES ARE APPROXIMATE.  
 5. THE WEIGHTS AND CAPACITIES ARE APPROXIMATE.