

CONCRETE OR CAST IRON COVER
 24-1/2" DIA.
 SHIPPED AS SHOWN

CONCRETE OR CAST IRON COVER
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 SHIPPED AS SHOWN

INLET STONE (SEE SHEET 45)
 13-1/2" DIA.
 ADJUST TO FINAL GRADE WITH BRICK WORK (MAX. 1")

SINGLE CURB INLET (SEE SHEET 40)
 3-1/2" WORTER BED WITH 2-3/8" DIA. 1"-0" PWS

ADAPTER RING
 42" DIA.
 60" DIA.
 VARIES

SHALLOW SINGLE CURB INLET
 3-1/2" WORTER BED TO RECEIVE 3-2" DIA.
 4" REBARS @ 10" COVERS E.W. IN WALLS & BASE WITH 1" HIGH COVER

INLET SILL
 6" x 8" x 3-2"

SEE CHART FOR MINIMUM DIMENSIONS.

SINGLE STREET INLETS PRECAST CONCRETE	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction Dr. J.G./SAM Ch. J.C.K. 2000 SHEET 37
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DOUBLE UNTRAPPED STREET INLET
 PRECAST CONCRETE

PRECAST CONCRETE UNIT FOR 4 WAY AREA INLET

NOTES:
 1) 33 INCH R.C.P. MAXIMUM PIPES FRONT & BACK WALLS AND 24 INCH R.C.P. MAXIMUM PIPE FOR ENDS WITH A MINIMUM OF TWO INCHES BETWEEN PIPES.
 2) STANDARD DEPTH = 8.5 FEET.
 3) 5000 P.S.I. CONCRETE REQUIRED.

DOUBLE UNTRAPPED STREET INLET PRECAST CONCRETE	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction Dr. J.G./SAM Ch. J.C.K. 2000 SHEET 38
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

TRAPPED STREET INLET BASE
 PRECAST CONCRETE

PRECAST CONCRETE UNIT FOR SINGLE STREET INLET

NOTES:
 1) THIS TRAP INLET CAN BE USED WITH 42 INCH I.D. RISER SECTION OR PRECAST CONCRETE ADAPTOR RING AND GROUT.
 2) RAISE TO FINAL GRADE WITH COURSES OF BRICK AND SET THE UNIT TO BASE WITH 3/4" WORTER BED.
 3) THIS UNIT IS TO BE USED WITH 42 INCH I.D. POLURED-IN-PLACE CONCRETE OR BRICK BASE.
 4) 5000 P.S.I. CONCRETE IS REQUIRED.

TRAPPED STREET INLET BASE PRECAST CONCRETE	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction Dr. WSH./SAM Ch. J.C.K. 2000 SHEET 39
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

PRECAST CONCRETE UNIT "A" FOR DOUBLE INLET

NOTES:
 1) SET TWO (2) STANDARD INLET STONES IN 3/4" WORTER BED AND DOME WITH 5/8" DIA. 1"-0" LONG PWS AND GROUT.
 2) RAISE TO FINAL GRADE WITH COURSES OF BRICK AND SET THE UNIT TO BASE WITH 3/4" WORTER BED.
 3) THIS UNIT IS TO BE USED WITH 42 INCH I.D. POLURED-IN-PLACE CONCRETE OR BRICK BASE.
 4) 5000 P.S.I. CONCRETE IS REQUIRED.

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 "A" FOR DOUBLE INLET	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction Dr. ROW./SAM Ch. J.C.K. 2000 SHEET 43

CONCRETE DOUBLE STREET INLET WITH PRECAST CONCRETE UNIT "A"

NOTES:
 1) STANDARD DEPTH 3-4" PIPE DIAMETER.
 2) RAISE TO FINAL GRADE WITH COURSES OF BRICK AND 3/4" WORTER BED.

CONCRETE DOUBLE STREET INLET WITH PRECAST CONCRETE UNIT "A"	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction Dr. ROW./SAM Ch. J.C.K. 2000 SHEET 42
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PRECAST CONCRETE UNIT "A" FOR STREET DOUBLE INLET

NOTES:
 1) SET TWO (2) STANDARD INLET STONES IN 3/4" WORTER BED AND DOME WITH 5/8" DIA. 1"-0" LONG PWS AND GROUT.
 2) RAISE TO FINAL GRADE WITH COURSES OF BRICK AND SET THE UNIT TO BASE WITH 3/4" WORTER BED.
 3) THIS UNIT IS TO BE USED WITH 42 INCH I.D. POLURED-IN-PLACE CONCRETE OR BRICK BASE.
 4) 5000 P.S.I. CONCRETE IS REQUIRED.
 5) 1 INCH CLEARANCE, ALL REINFORCEMENT.

PRECAST CONCRETE UNIT "A" FOR STREET DOUBLE INLET	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction Dr. ROW./SAM Ch. J.C.K. 2000 SHEET 43
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PRECAST CONCRETE UNIT "B" FOR STREET DOUBLE INLET

NOTES:
 1) SET TWO (2) STANDARD INLET STONES IN 3/4" WORTER BED AND DOME WITH 5/8" DIA. 1"-0" LONG PWS AND GROUT.
 2) RAISE TO FINAL GRADE WITH COURSES OF BRICK AND SET THE UNIT TO BASE WITH 3/4" WORTER BED.
 3) THIS UNIT IS TO BE USED WITH 42 INCH I.D. POLURED-IN-PLACE CONCRETE OR BRICK BASE.
 4) 5000 P.S.I. CONCRETE IS REQUIRED.
 5) 1 INCH CLEARANCE, ALL REINFORCEMENT.

PRECAST CONCRETE UNIT "B" FOR STREET DOUBLE INLET	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction Dr. ROW./SAM Ch. J.C.K. 2000 SHEET 44
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STANDARD - INLET STONES, BLOCKS & DESIGN DETAILS

NOTES:
 1) ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED.
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STANDARD - INLET STONES, BLOCKS & DESIGN DETAILS	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction Dr. WSH./SAM Ch. J.C.K. 2000 SHEET 45
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HEAVY DUTY 8 INCH INLET STONE (ALTERNATE)

NOTE:
 FOR SPECIAL USE WHEN APPROVED BY TRUCK TRAFFIC AREA.

HEAVY DUTY 8 INCH INLET STONE (ALTERNATE)	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction Dr. S.A.M. Ch. P.W.S. 2000 SHEET 46
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PRECAST CONCRETE INLET COVER

NOTES:
 1) PROVIDE 1/2" RISES APPROXIMATELY 1/4" TO 1" HIGH.
 2) PROVIDE 1/2" RISES APPROXIMATELY 1/4" TO 1" HIGH.
 3) 5000 P.S.I. CONCRETE IS REQUIRED.
 4) ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED.
 5) PROVIDE 1/2" RISES APPROXIMATELY 1/4" TO 1" HIGH.
 6) METRO ST. LOUIS SEWER DIST. SEWERS.

PRECAST CONCRETE INLET COVER	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction Dr. ROW./SAM Ch. J.C.K. 2000 SHEET 47
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DETAILS OF INLET FRAME AND GRATES

NOTE:
 1" DIA. CONTINUOUS ANCHOR IS TO BE POSITIONED ONLY FOR CENTER SUPPORT OF DOUBLE INLET. A 3" DIA. INLET WITH INITIAL UNIT.

CAST IRON GRATE (NE. R-3297 OR EQUAL)

NOTE:
 PROVIDE 1/2" RISES APPROXIMATELY 1/4" TO 1" HIGH.
 METRO ST. LOUIS SEWER DIST. SEWERS.

DETAILS OF INLET FRAME AND GRATES	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction Dr. ROW./SAM Ch. J.C.K. 2000 SHEET 48
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TAIL OF STEEL GRATE

NOTES:
 1) HOT DIP GALVANIZED - ASTM A152-93.
 2) MILD CARBON STEEL - ASTM A36.
 3) 40-20 LOADING.
 4) 65 LB. MINIMUM.
 5) ALL DIMENSIONS 1/8".
 6) THE MANUFACTURER MUST PLACE HIS NAME OR MARK ON EACH UNIT FOR THE PURPOSE OF IDENTIFICATION.

TAIL OF STEEL GRATE	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction Dr. ROW./SAM Ch. J.C.K. 2000 SHEET 49
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REQUIREMENTS FOR GRATE INLET SEAT

NOTES:
 1) TOP & BOTTOM 2-#4-11.
 2) TOP & BOTTOM 2-#4-11.
 3) TOP & BOTTOM 2-#4-11.

REQUIREMENTS FOR GRATE INLET SEAT	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction Dr. WSH./SAM Ch. J.C.K. 2000 SHEET 50
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CAST IRON SIDE INTAKE FOR GRATES INLETS

NOTE:
 ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED.
 1/8" DIA. HOLES TO ALLOW APPROVED ANCHOR WHEN SPECIFIED.

CAST IRON SIDE INTAKE FOR GRATES INLETS	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction Dr. ROW./SAM Ch. J.C.K. 2000 SHEET 51
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CAST IRON MANHOLE FRAME

NOTE:
 1) 1" DIA. HOLES TO ALLOW APPROVED ANCHOR WHEN SPECIFIED.

CAST IRON MANHOLE FRAME	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction Dr. DAB./SAM Ch. J.C.K. 2000 SHEET 52
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CAST IRON COVERS MANHOLES AND INLETS

NOTES:
 1) MACHINE CONTACTING SURFACES FOR SEAT OF STANDARD MANHOLE FRAME AND BEARING SURFACE COVERS.
 2) PROVIDE 1/2" RISES APPROXIMATELY 1/4" TO 1" HIGH.
 3) METRO ST. LOUIS SEWER DIST. SEWERS.

CAST IRON COVERS MANHOLES AND INLETS	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction Dr. ROW./SAM Ch. J.C.K. 2000 SHEET 53
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CAST IRON MANHOLE COVERS (LOCK TYPE)

NOTES:
 1) USE APPROVED BUTYL RUBBER PREFORMED MASTIC SEALANT OR APPROVED SELF-SEALING GASKET BETWEEN COVER AND FRAME.
 2) PROVIDE 1/2" RISES APPROXIMATELY 1/4" TO 1" HIGH.
 3) METRO ST. LOUIS SEWER DIST. SEWERS.

CAST IRON MANHOLE COVERS (LOCK TYPE)	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction Dr. WSH./SAM Ch. J.C.K. 2000 SHEET 54
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