

1) NEW INSIDE DROP ON EXISTING MANHOLE REQUIRES THAT THE FLOWLINE OF THE NEW DROP PIPE ELBOW BE CONSTRUCTED AT THE SAME ELEVATION AS THE SPRINGLINE OF THE EXISTING SEWER MAIN AT THE CENTER OF THE EXISTING MANHOLE.

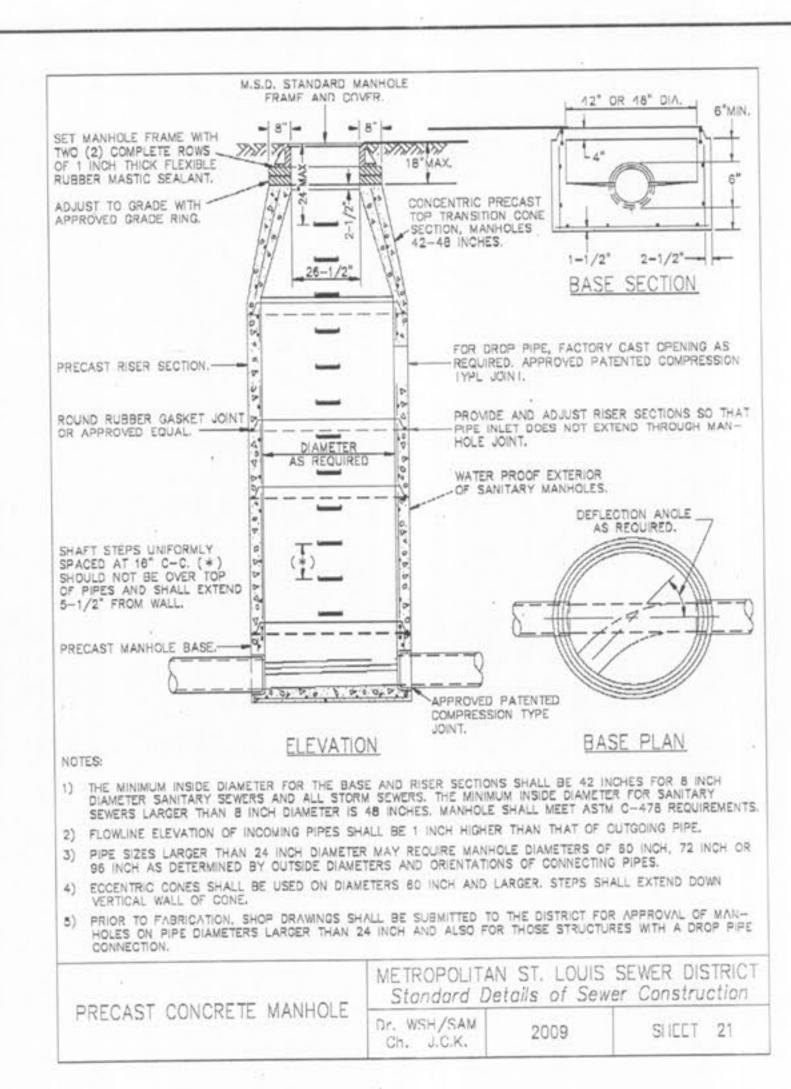
2) THE MINIMUM INSIDE DIAMETER FOR THE BASE AND RISER SECTIONS SHALL BE 42 INCHES.

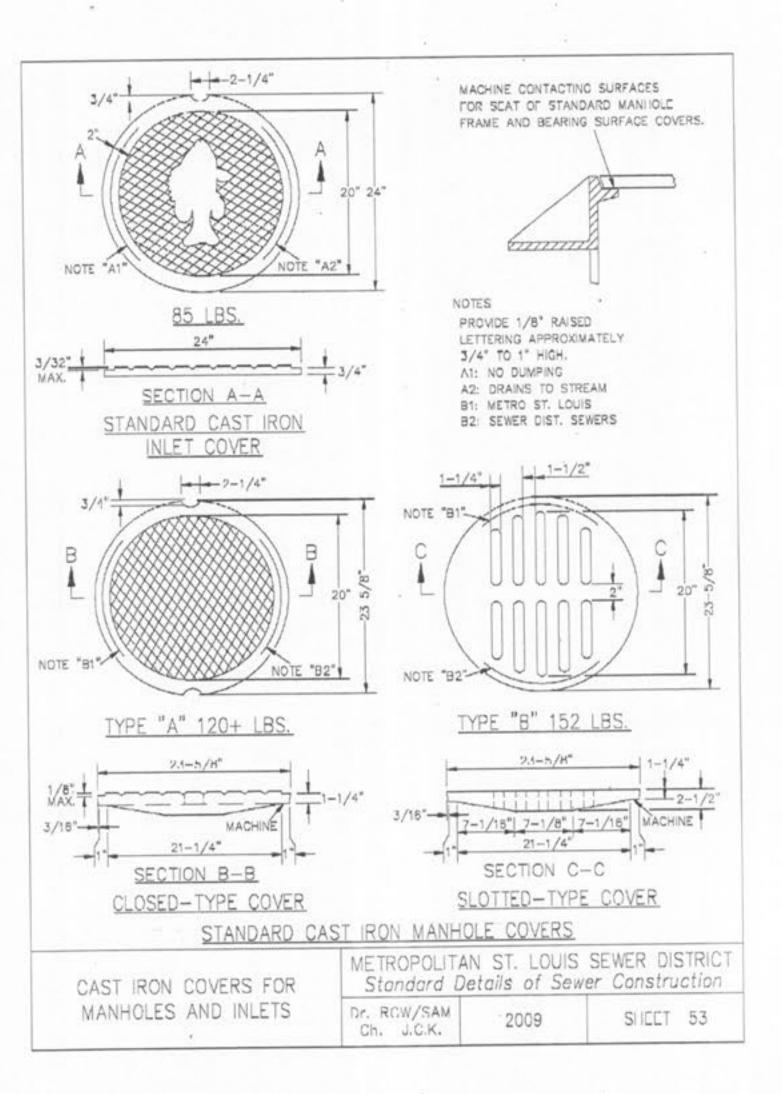
3) INSTALL DROP BOWL "A" (MFR. RELINER-DURAN INC. OR EQUAL), ATTACH BOWL DIRECTLY UNDER INCOMING PIPE WITH 1" CLEARANCE USING TWO (2) 3/8"x 3" STAINLESS STEEL BOLTS WITH APPROVED ANCHORS & MASTIC.

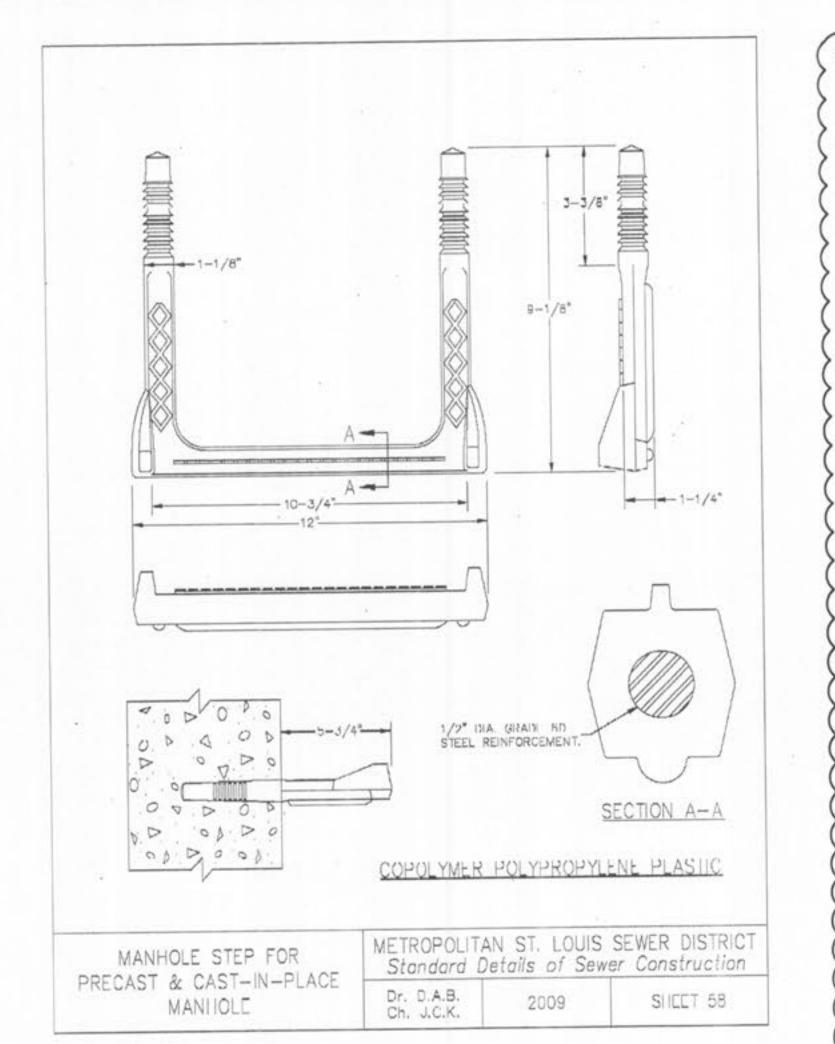
4) IF EXCAVATED SPACE OUTSIDE OF MANHOLE WALL EXCEEDS ONE FOOT, PROVIDE SIX INCHES OF CLASS "A" CONCRETE ENCASEMENT ON INCOMING LINE FROM WALL OF MANHOLE TO A MINIMUM OF TWO FEET INTO UNDISTURBED EARTH WITH A MINIMUM OF 4-#4 REBARS FOR LENGTH OF ENCASEMENT OR INSTALL ONE (1) LENGTH OF D.I.P. FROM MANHOLE INTO UNDISTURBED EARTH.

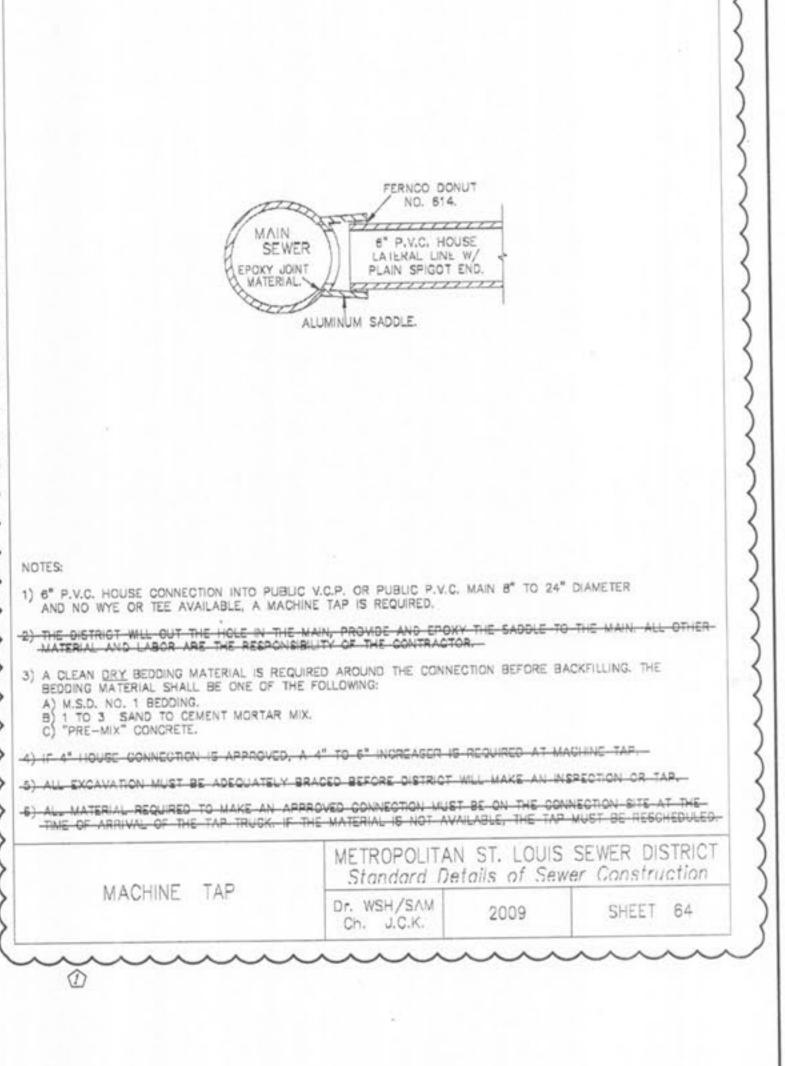
NEW INSIDE DROP ON EXISTING MANHOLE METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

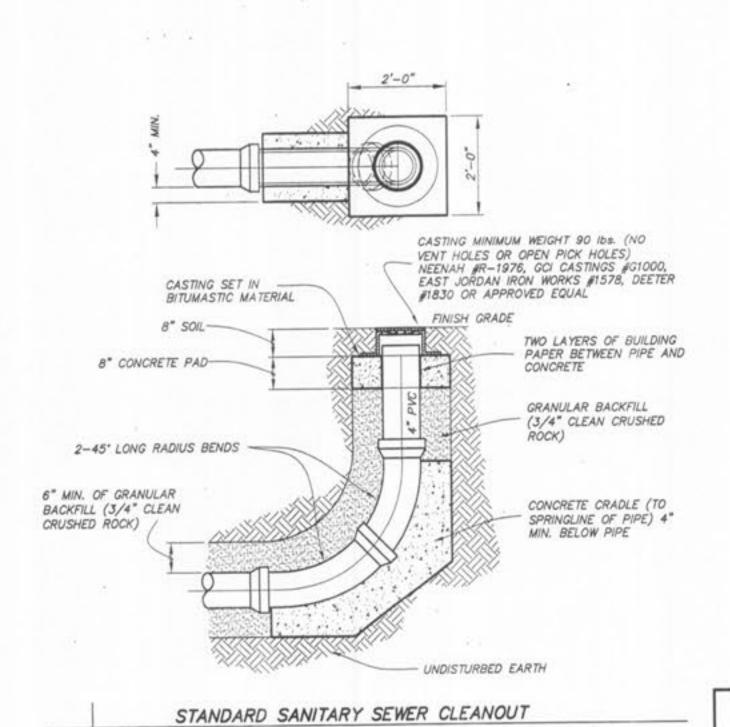
Dr. RGW/SAM
Ch. J.C.K. 2009 SHEET 18



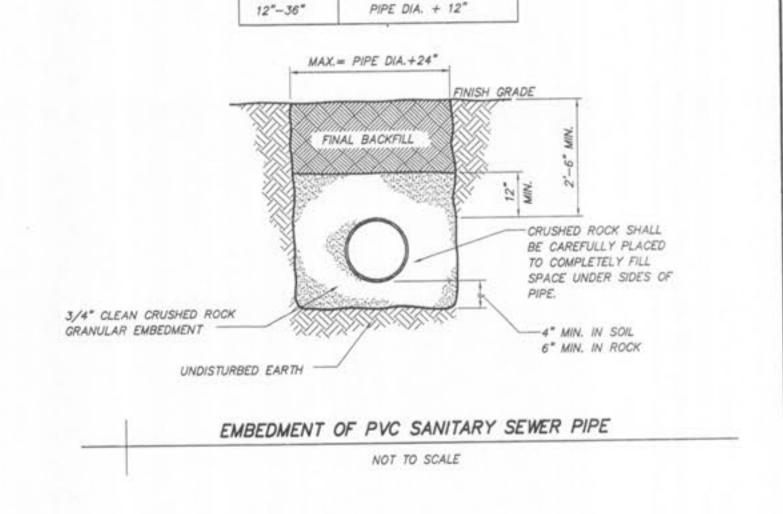








NOT TO SCALE



MIN. TRENCH WIDTH

PIPE DIA. + 18"

PIPE DIA. + 10"

PIPE DIA.

≤ 6"

8"-10"

PLANNING & DEVELOPMENT #1709.03 APPROVED JANUARY 7, 2010

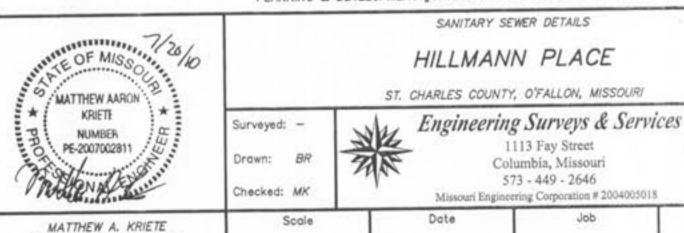
JUNE 4, 2010

1) JULY 20, 2010

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AS SHOWN

PROFESSIONAL ENGINEER

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