SANITARY SEWER DROP MANHOLE

NOTE TO SCALE

SAINT PETER STANDARD
PLATE 5003

MAXIMUM ADJUSTMENT ALLOWED BETWEEN THE TOP CONE SECTION AND BOTTOM CASTING IS 12". A MAXIMUM OF 3 INDIVIDUAL ADJUSTING RINGS SHALL BE USED. TALLER 6" OR 12" RINGS SHALL BE USED WHERE ADJUSTMENT REQUIRE MORE THAN 3 (2") RINGS.

FLEXIBLE WATER TIGHT SEAL TO BE APPROVED BY ENGINEER.
FILL ANNULAR SPACE AROUND PIPE WITH NON-SHRINK GROUT.

NOTE:
IF CASTING IS SET DIRECTLY ON TOP OF CONCRETE STRUCTURE, BITUMINOUS MASTIC COMPOUND SHALL BE PLACED BETWEEN CASTING AND STRUCTURE.

MAXIMUM OF 3 CONCRETE ADJUSTING RINGS ALLOWED WITH NON-SHRINK GROUT PLACED BETWEEN RINGS AND PLASTERED 1/2" THICK INSIDE AND OUTSIDE OF RINGS.

STEEL REINFORCED PLASTIC STEPS SHALL BE A POLYPROPYLENE PLASTIC REINFORCED WITH A NO. 2 DEFORMED STEEL ROD GRADE 60

UNDISTURBED TRENCH FOUNDATION (20' MINIMUM)

PLACEMENT INTERIOR CHIMNEY SEAL

D.I.P. LONG RADIUS 90° BEND. DIAMETER SAME AS INCOMING SEWER PIPE. THE 90° BEND SHALL BE INTEGRAL TO THE PRECAST BASE SECTION.

MANHOLE INVERT SHALL BE SLOPED TO PROVIDE SMOOTH FLOW FROM INLET TO OUTLET