SANITARY SEWER MANHOLE
DESIGN SPECIAL

1. RUBBER GASKET
2. FLEXIBLE WATERTIGHT SEAL TO BE APPROVED BY ENGINEER. FILL ANNULAR SPACE AROUND PIPE WITH NON-SHRINK GROUT.
3. SHAPE, DEPTH AND SLOPE OF INVERT TO BE APPROVED BY ENGINEER. GROUT TO BE MIX 3A34.
4. STEEL REINFORCED PLASTIC STEPS SHALL BE A POLYPROPYLENE PLASTIC REINFORCED WITH NO. 2 DEFORMED STEEL ROD GRADE 60
5. MN/DOT TYPE "B" ECCENTRIC PRECAST CONCRETE CONE SECTION TYPICAL FOR ALL MANHOLES.
6. 48" DIAMETER PRECAST RISER SECTIONS AS REQUIRED.
7. PRECAST SLAB WITH ECCENTRIC 48" OPENING DESIGN - HS20 PLUS EARTH LOAD
8. 80" PRECAST BASE SECTION
9. REFER TO PLANS FOR PIPE REQUIRED
10. 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 Requires MORE THAN 3 (2") RINGS.

SANITARY SEWER MANHOLE DESIGN SPECIAL
NOT TO SCALE
SAINT PETER STANDARD PLATE 5007

SANITARY SEWER MANHOLE DESIGN SPECIAL

APPROVED: ADOPTED BY CITY COUNCIL ON JANUARY 12, 2004
REVISED: REVISION ADOPTED BY CITY COUNCIL ON FEBRUARY 27, 2017
REMARKS:

SAINT PETER UTILITY STANDARD DETAIL