TOP SLAB REINFORCEMENT

DETAILED "A"

NOT TO SCALE

MANHOLE RIM AND SPACER DETAIL

3/4"x4'-0"

SECTION SIZING DETAIL

1'-2"x0'

PRECAST CONCRETE MANHOLE (4' AND 5' ID.)

MINIMUM SECTION GETH

TOP VIEW IN TRUE SIZE

MINIMUM SECTION GETH

SIDE VIEW IN TRUE SIZE

STANDARD

STANDARD RUBBER SEALANT 3/4" THICK DOUBLE ROW TYPE E-2 STICK OR APPROVED EQUAL

BUTYL RUBBER SEALANT 3/4" THICK DOUBLE ROW TYPE E-2 STICK OR APPROVED EQUAL

CONC./ASPHALT

WELDED STEEL MESH 0.124 BT PER FOOT SQUARE (4' ID.)

WELD MILD STEEL MESH 0.125 BT PER FOOT SQUARE (5' ID.)

MINIMUM OF 1" OF CLAY TO NO. 4 CRUSHED STONE, COMPACTED (GRAB 604)

COMPACT NATIVE SOIL TO 95% STANDARD DENSITY

NOTE:

1. ELEVATION AND ARRANGEMENT OF MANHOLE TOPS SHALL BE IN ACCORDANCE WITH TOP DETAILS.
2. SMOOTH WALLS AT TRANSITION FROM CHAMBER TO TANK SECTION IS REQUIRED. MAX. OFFSET 2".
3. CONCRETE SHALL BE 4000 PSI (965MPA).
4. SEAL, TIGHTEN AND SECURE JOINTS OF PRECAST MANHOLE SECTIONS WITH RUBBER TO-RING GASKETS THAT CONFORM TO ASTM C643.
5. OPERATING PRESSURES OF THE OUTLET PIPE DAYS SHALL BE THE OUTSIDE DIAMETER OF THE MANHOLE AND OUTLET PIPES. LOCATION OF INLETS AND OUTLETS SHALL BE SHOWN DETAIL DIRECT.
6. FLEXIBLE GASKETS SHALL BE MAINTAINED IN ACCORDANCE WITH RUBBER JOINT SPECIFICATIONS ASTM C643 AND SHALL MEET THE REQUIREMENTS OF ASTM C493 FOR COMPRESSION JOINTS. THE CONNECTION OF THE PIPES TO THE MANHOLE WALL SHALL BE SEATED WITH APPROVED GROUT OR EQUAL.
7. PRECAST SECTIONS SHALL MEET OR EXCEED REQUIREMENTS OF ASTM C476 STANDARD SPECIFICATIONS FOR PRECAST CONCRETE MANHOLE.

MANHOLE FRAME AND LID MUST BE MUSHER WITH TOP OF THE SURROUNDING CONCRETE SLAB.