PRECAST CONCRETE TOP SLAB
A.S.T.M. C-478

LIMIT OF EXCAVATION

EXTERIOR & INTERIOR OF PRECAST CONCRETE
SECTIONS COVERED WITH 2 COATS OF
KOPPERS BITUMASTIC 300M, SUPER SERVICE
BLACK (MIN. 16 MILS DRY) OR APPROVED
EQUAL.

FILL EXTERIOR & INTERIOR JOINT WITH NON-
SHRINK GROUT & SEALED WITH 2 COATS OF
KOPPERS BITUMASTIC SUPER SERVICE
BLACK (MIN. 16 MILS DRY)

STEEL REINFORCED COPOLYMER POLYPROP-
YLENE MANHOLE STEPS AT 12" O.C. (TYP.)

APPLY 2 COATS OF SIKA GARD 62 EPOXY-
RESIN PROTECTIVE EPOXY COATING TO
BENCH WALLS & INVERT, SPRINKLE SILICA
SANDON TOP OF BENCHWALLS

"A" or "B"
DIAMETER VARIES

3'-4" 3'-4"

SLOPE 1/4 FT.

8" MIN.

6" MIN.

MIN. 6" FOUNDATION BEDDING
COMPACTED NO. 1 CRUSHER RUN STONE

NOTES:

1. REFER TO MANHOLE INVERT CONFIGURATION & DIMENSIONS
DETAIL FOR MANHOLE DIAMETER "A" OR "B".

2. ALL DETAILS LISTED APPLY TO BOTH TYPES OF MANHOLES.

3. PRECAST CONC. MANHOLE WALL & SLAB MINIMUM THICKNESS
MANHOLE DIAMETER
A. TOP SLAB
B. RISER WALL
C. BOTTOM SLAB

4. MAXIMUM DISTANCE BETWEEN MANHOLES SHALL BE 400 FEET.