CONSTRUCTION DETAIL NO. 1

GROUT
3:1 PORTLAND CEMENT
4000 PSI

STANDARD FRAME AND COVER

RIM ELEVATION MAY BE ADJUSTED,
A MAXIMUM OF 9" USING BRICK
OR CONCRETE GRADE RINGS.

GROUT ALL LIFT
HOLES INSIDE &
OUTSIDE

1" BUTYL
RUBBER RING
JOIN

16" O.C.

RISER

5"
MIN.

BASE

5"
MIN.

2 1/2" : 12" SLOPE

3/4 PIPE
DIAMETER

INVERT TO BE CONSTRUCTED OF BRICK
FILLER AND CEMENT MORTAR.(3:1 PORTLAND
CEMENT, 4000 PSI STRENGTH.)

6" MIN

6" STONE SHALL BE PLACED
UNDER MANHOLES TO PREVENT
SETTLEMENT AND MISALIGNMENT.

NOTE: ALL MANHOLES TO
BE 4'-0" DIAMETER UNLESS
NOTED OTHERWISE ON PROFILE

STANDARD
PRECAST MANHOLE

SCALE: NONE
REVISION DATE: APRIL 13, 2009