

NON-SLIP
MANHOLE
FRAME AND
COVER

5" 24" I.D. 5"

USE ALTERNATE TOP (FLATTOP)
FOR SHALLOW MANHOLES
(SEE DETAIL MH-1).

ADJUSTING RINGS
(PRECAST)

CONE
(ECCENTRIC TYPE)

RISER

ADAPTER SECTION

BASE

ALL LIFT HOLES
SHALL BE GROUTED

SEAL UNDER CASTING
AND ALL JOINTS WITH
BUTYL RUBBER ROPE
SEALER, AASHTO M-198

STEP
CAST IN PLACE
(TYP.)

STEPS SHALL HAVE
CONTINUOUS ALIGNMENT
BETWEEN SECTIONS

.277 DIAMETER WIRE
MAXIMUM SPACING 6"
O.C. ASTM A-82
(TYPICAL FOR 48"
DIAMETER SECTIONS)

.277 DIAMETER WIRE
MAXIMUM SPACING 4"
O.C. ASTM A-82
(TYPICAL FOR ADAPTER
SECTION AND FOR 60"
DIAMETER SECTION)

BENCH FROM SPRING-
LINE OF PIPE TO WALL
@ 2"-4"/FT. SLOPE

2500# CONCRETE

6" MIN.;
IF LESS THAN 6",
THERE MUST BE
CONTINUOUS
CIRCUMFERENTIAL
REINFORCING STEEL
ABOVE PIPE OPENING

18" MIN.

27"-48"
PIPE

NOTE: MATERIALS
AND FABRICATION SHALL BE IN
ACCORDANCE WITH ASTM C478. FOR
NEW LINES, CONNECT PIPE TO SECTION
WITH APPROVED WATER-TIGHT SLEEVE
OR GASKET (INTERPACE OR EQUAL).
FLEXIBLE WATER-TIGHT SLEEVE OR
GASKET SHALL BE INSTALLED PER
MANUFACTURER'S RECOMMENDATIONS.

PROVIDE 8" MINIMUM BED OF
CRUSHED COMPACTED STONE VDOT #25 OR #26



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SANITARY SEWER
PRECAST 5'-0" DIAMETER MANHOLE
(MONOLITHIC BASE WITH ADAPTER)

DATE: 01 NOV 2004

SCALE: N.T.S.

DETAIL NO.

MH-2