GRANITE DRIP STONES ARE PREFERABLE BUT IF NOT AVAILABLE SOME OTHER APPROVED TYPE MAY BE USED. LOCATION OF DRIP STONES MAY BE ADJUSTED TO MEET THE REQUIREMENTS OF EACH CASE BUT NORMALY SHALL BE 6" APART.

WALL THICKNESS
8" TO DEPTH OF 12'-0"
13" BELOW DEPTH OF 12'-0"
13" TO DEPTH OF 24'-0"

BASE THICKNESS
6" WALL-USE 12" BASE
13" WALL-USE 16" BASE

1. WALL REINFORCEMENT SHALL BE NO. 4 DEFORMED BARS @ 6" C/C, 2 WAYS, AND HAVE 3" COVER BELOW DEPTH OF 12'-0" AND 4½" COVER FROM TOP OF BASE.
2. BASE REINFORCEMENT SHALL BE NO. 4 DEFORMED BARS @ 6" C/C, 2 WAYS, AND HAVE 2" COVER FROM TOP OF BASE.
3. MANHOLE HAS BEEN DESIGNED FOR HS-25 LOADING, ACCORDING TO AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.
4. BRICK AND MORTAR MAY BE USED IN NON-TRAFFIC AREAS ONLY.

Cement Mortar
Plaster 1/8" Thick
(for brick only)

Ladder Rungs
See Standard
MD 383.91 or
MD 383.92

Cement Mortar
(See Note 1)

Drip Stone

Base-Brick or Concrete
Mix No. 2

See Note 2

SECTION A-A

SECTION B-B

SECTION C-C

Bench Height Above Outgoing Pipe Invert Shall Be Half the Diameter of Pipe.

Maryland Department of Transportation
STATE HIGHWAY ADMINISTRATION
STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES

STANDARD DROP MANHOLE

STANDARD NO. MD 383.11