NOTES
1. THIS MANHOLE IS FOR PIPES UP TO 36" DIAMETER.
2. MANHOLE SHALL BE CONSTRUCTED OF REINFORCED CONCRETE (MIX NO. 2). BRICK AND MORTAR MAY BE USED IN NON-TRAFFIC AREAS ONLY.
3. BENCH HEIGHT ABOVE OUTGOING PIPE INVERT SHALL BE EIGHT TIMES THE DIAMETER OF THE PIPE.
4. VERTICAL DEPTH PAYMENT PER LINEAL FOOT SHALL INCLUDE ALL DEPTHS IN EXCESS OF THE 3'-6".
5. WALL REINFORCEMENT SHALL BE NO. 4 DEFORMED BARS @ 6" C/C. 2 WAYS, AND HAVE 5'-1" COVER.
6. BASE REINFORCEMENT SHALL BE NO. 4 BARS @ 6" C/C. 2 WAYS, AND HAVE 2" COVER FROM TOP OF BASE.
7. MANHOLE HAS BEEN DESIGNED FOR HS-25 LOADING, ACCORDING TO AASHO ROAD BRIDGE DESIGN SPECIFICATIONS.

PRECAST CONCRETE SLAB WITH TYPE 'D' FRAME & COVER (NON-TRAFFIC AREAS)

CONCRETE SLAB

SECTION A-A

SECTION B-B

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

48" SQUARE
STANDARD SHALLOW MANHOLE

STANDARD NO.  MD 383.00