

M
H

ADJUST CASTING TO 1/4" - 1/2" BELOW FINISHED GRADE, TYPICAL FOR ALL CASTINGS IN PAVEMENT

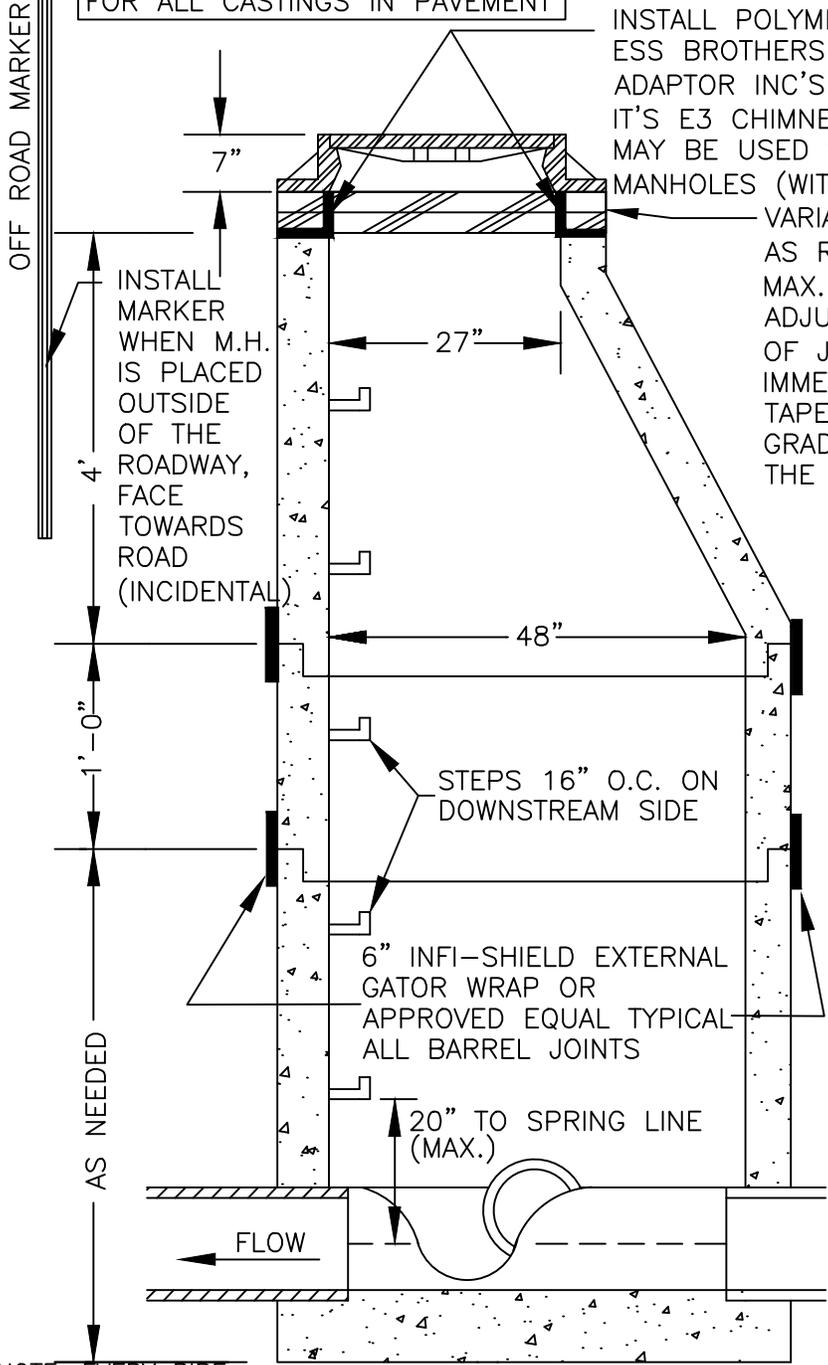
MANHOLE CASTING AND COVER, NEENAH R-1642 OR APPROVED EQUAL WITH TWO (2) CONCEALED PICK HOLES.

INSTALL POLYMER I/I BARRIER BY STRIKE PRODUCTS OR ESS BROTHERS FOR ALL NEW & EXISTING STRUCTURES. ADAPTOR INC'S INTERNAL/EXTERNAL ADAPTOR SEAL OR IT'S E3 CHIMNEY SEAL PRODUCTS OR APPROVED EQUAL MAY BE USED WHEN RECONSTRUCTING EXISTING MANHOLES (WITH ENGINEERS APPROVAL).

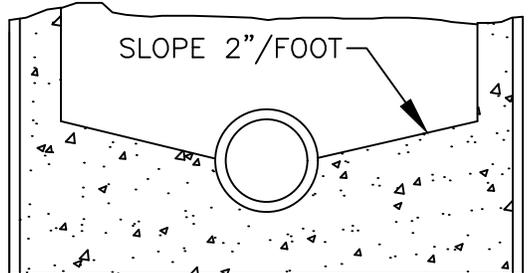
VARIABLE THICKNESS HDPE ADJUSTING RINGS AS REQUIRED. MIN. OF 4" ADJUSTMENT AND MAX. OF 12" ADJUSTMENT. USE LARGER ADJUSTMENT RINGS TO MINIMIZE THE NUMBER OF JOINTS. INCLUDE MIN. 1-2" RING IMMEDIATELY UNDER THE CASTING. USE TAPERED RINGS TO MATCH CASTING TO STREET GRADE. APPLY BUTYL SEALANT BETWEEN ALL THE JOINTS.

NOTES:

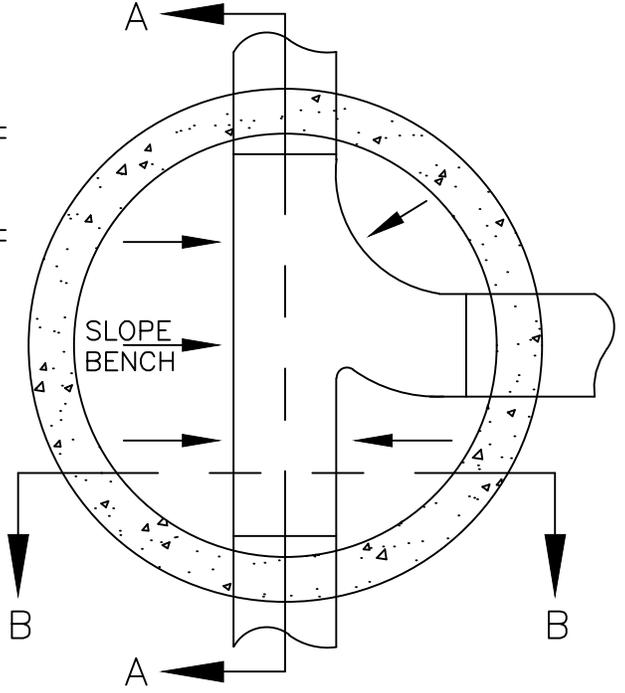
1. WHERE WATER MAY STAND, TOP OF MH SHALL BE 2 FEET ABOVE GROUND, AND/OR 2 FEET ABOVE THE 100 YEAR STORM WATER LEVEL.
2. ON MANHOLES 8' DEEP AND GREATER A 1' OR 1.5' PRECAST SECTION SHALL BE PLACED IMMEDIATELY BELOW CONE SECTION.
3. ALL JOINTS BETWEEN SECTIONS SHALL HAVE RUBBER GASKETS.
4. MINIMUM SLAB THICKNESS 6" FOR 14' DEPTH. INCREASE THICKNESS 1" FOR EACH 4' OF DEPTH GREATER THAN 14' AND REINFORCE WITH 6"X6" 10/10 MESH.



SECTION A-A



SECTION B-B



NOTE: EVERY PIPE PENETRATION THROUGH THE MANHOLE WALL SHALL HAVE A RUBBER BOOT WITH STAINLESS STEEL CLAMP TO SEAL THE PIPE PENETRATION FROM INFILTRATION OF GROUND WATER. ANY FIELD ADDED OPENING FOR PIPE SHALL BE CORE DRILLED.



STANDARD DETAILS
STANDARD SANITARY SEWER MANHOLE
CITY OF PLYMOUTH

PUBLISHED
3-25
CITY PL. NO.
SS-3
REVISED 1-22