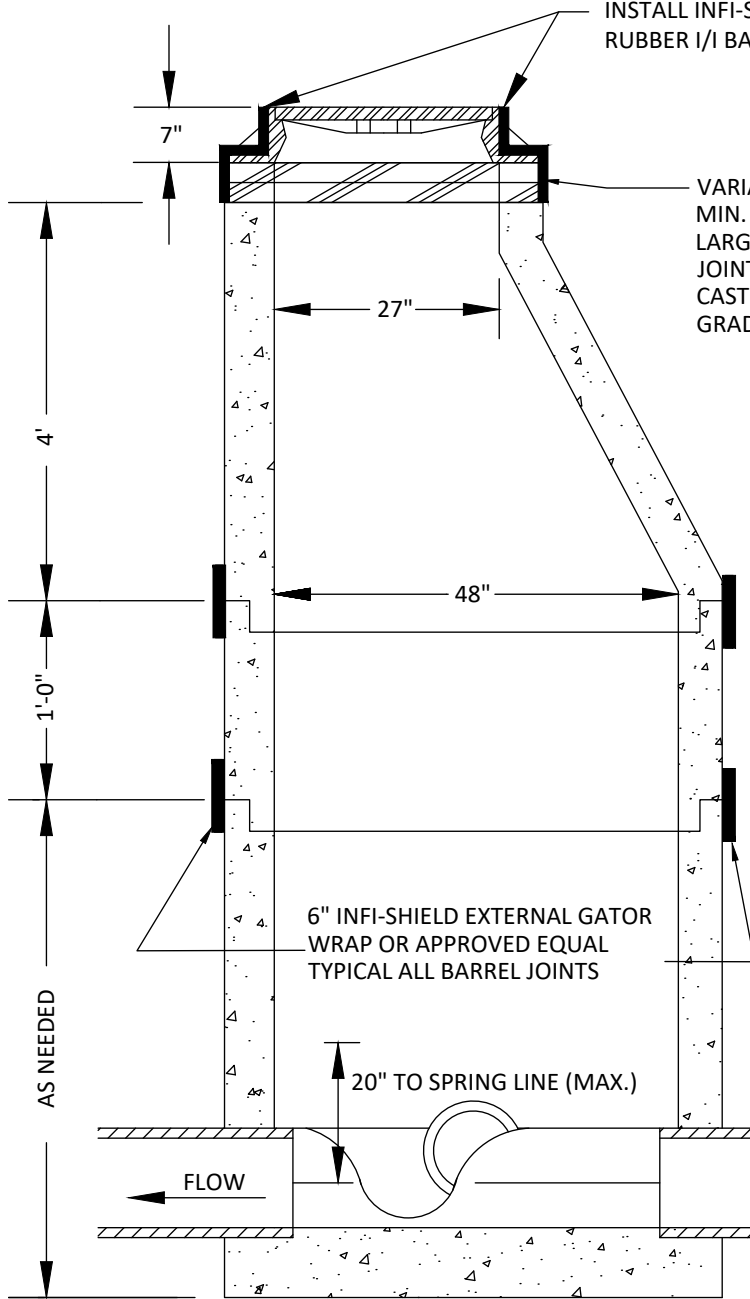


ADJUST CASTING TO $\frac{1}{8}$ " - $\frac{1}{4}$ " BELOW FINISHED GRADE, TYPICAL FOR ALL CASTINGS IN PAVEMENT

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

INSTALL INFI-SHIELD ONE PIECE MOLDED EPDM RUBBER I/I BARRIER OR APPROVED EQUAL.

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. ON MANHOLES 8' DEEP AND GREATER, A ONE FOOT (1'-0") PRECAST SECTION SHALL BE PLACED IMMEDIATELY BELOW CONE SECTION.
2. ALL JOINTS BETWEEN SECTIONS SHALL HAVE RUBBER GASKETS.
3. 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.
4. ALL HOLES MUST BE CORE DRILLED.

6" INFI-SHIELD EXTERNAL GATOR WRAP OR APPROVED EQUAL TYPICAL ALL BARREL JOINTS

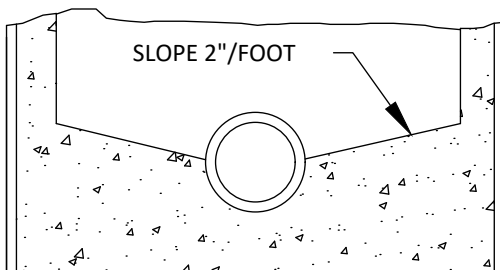
20" TO SPRING LINE (MAX.)

AS NEEDED

FLOW

SECTION A-A

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.



SECTION B-B

