

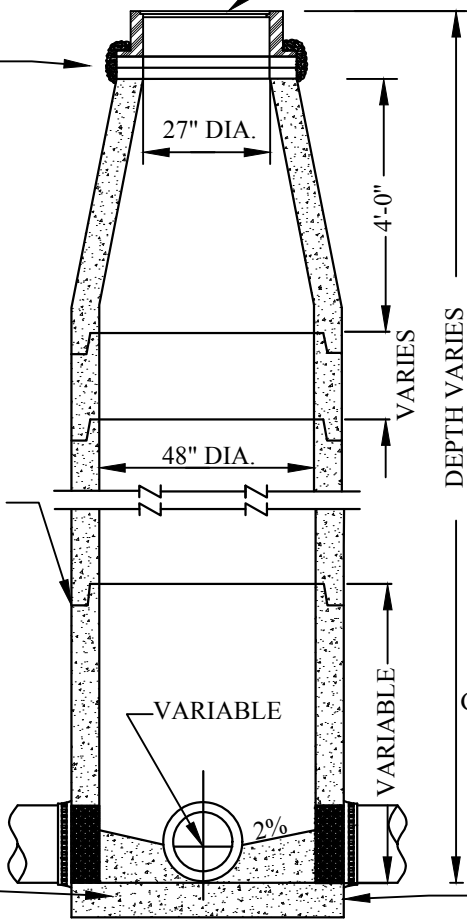
PRECAST INVERT MUST BE $\frac{1}{2}$ THE DIAMETER OF PIPE AND BENCHES SHOULD BE SLOPED APPROXIMATELY 2% TOWARD THE INVERT.

MANHOLE WILL CONFORM TO THE REQUIREMENTS OF ASTM C-478

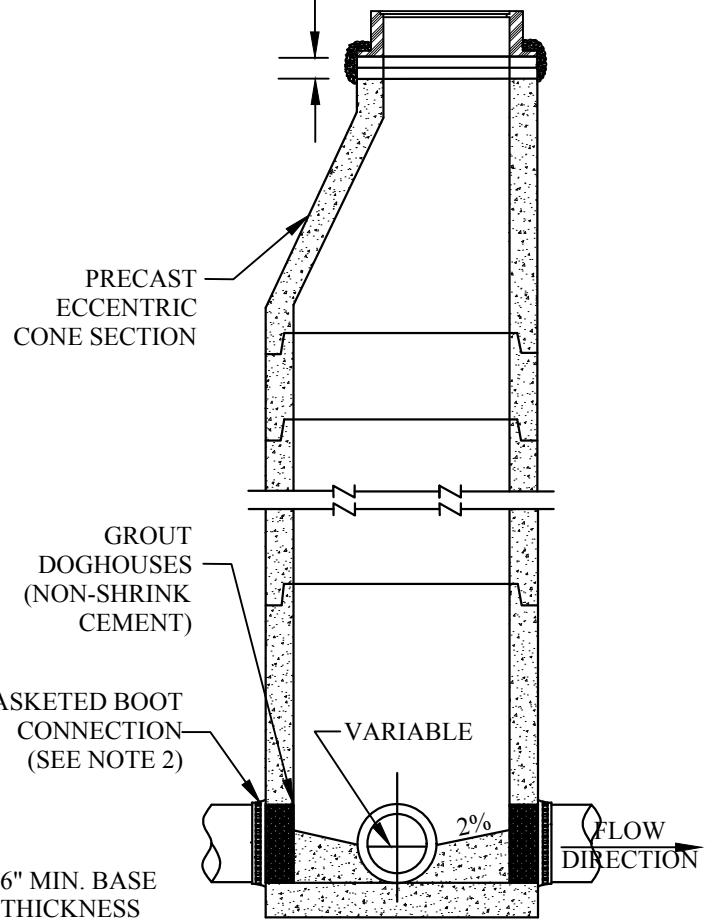
NEENAH R-1642-B FRAME AND LID W/2 CONCEALED PICK HOLES. (SEE NOTE 4)

ADJUSTING RINGS MIN. 2, MAX. 4 (SEE NOTE 5) ENCASE W/CONCRETE (SEE MnDOT STD. PLATE 4026)

CHIMNEY SEAL AT LOW POINTS IN GRADE (SEE PLANS)



SECTION A-A



SECTION B-B

ALL JOINTS IN MANHOLE TO HAVE RUBBER O-RING GASKET JOINTS PER ASTM C443

PRECAST BOTTOM SECTION WITH PREFORMED INVERT

DEPTH VARIES

VARIES

VARIES

GASKETED BOOT CONNECTION (SEE NOTE 2)

6" MIN. BASE THICKNESS

NOTES

1. ALL CONNECTIONS TO EXISTING STRUCTURES WILL BE CORE DRILLED.
2. "KOR-N-SEAL" OR APPROVED EQUIVALENT GASKETED BOOT CONNECTION WILL BE USED FOR CONNECTING PIPE TO MANHOLE.
3. ECCENTRIC CONE WILL BE OFFSET TO THE OUTLET (LOWEST) INVERT SIDE.
4. MANHOLE COVERS WILL BE CAST WITH THE WORDS "SANITARY SEWER".
5. INDIVIDUAL ADJUSTMENT RINGS MAY BE CONCRETE OR HDPE.
6. FOR NEW STRUCTURES, THE "CASTING ASSEMBLY" BID ITEM WILL INCLUDE THE FURNISHING AND INSTALLATION OF THE CASTING, RINGS, AND MORTAR TO INSTALL THE CASTING TO INTERIM (BASE COURSE) OR FINAL (WEAR COURSE) GRADE.
7. REFER TO MnDOT 2506 AND DIVISION 2, PART A - 2506 FOR FURTHER DETAILS REGARDING CASTING ASSEMBLIES AND CASTING ADJUSTMENT REQUIREMENTS.



CITY OF BURNSVILLE - ENGINEERING DEPT.
SANITARY MANHOLE

Plate No.	SS-4
Revision Date	02/2021
File Location: S:\Details\english\Sanitary\SS04-SMH.dwg	