

NEENAH MANHOLE FRAME AND CASTING R-1642, SELF SEALING B LID, WITH SOLID COVER AND TWO CONCEALED PICK HOLES OR APPROVED EQUAL. LID SHALL BE LABELED "STORM SEWER" WITH 2" RAISED LETTERS

ENCASE CONCRETE ADJUSTMENT RINGS IN CONCRETE.

CONCRETE ADJUSTMENT RINGS SHALL BE SEALED TO THE CONE, CASTING, AND ONE ANOTHER BY USING A PREPACKAGED MOTOR MIX IN ACCORDANCE WITH THE PROPORTIONS OF MNDOT SPECIFICATION 2506.2B AND ASTM C 270 OR MFG SPECIFIED MIX FOR NON-CONCRETE RINGS. TOTAL ADJUSTMENT MINIMUM 4" MAX 14".

MANHOLE STEPS, NEENAH R-1981-N OR APPROVED EQUAL, 16" ON CENTER. COPOLYMER POLYPROPYLENE PLASTIC (PSI-PF) AND ALUMINUM STEPS APPROVED.

JOINTS BETWEEN PRECAST SECTIONS SHALL USE PRELUBRICATED PROFILE GASKETS CONFORMING TO ASTM C443.

BACKFILL WITH SELECT GRANULAR BORROW

MINIMUM THICKNESS OF PRECAST BASE IS 6" FOR 14' DEEP OR LESS, AND INCREASES 1" IN THICKNESS FOR EVERY 4' OF DEPTH GREATER THAN 14'. REINFORCE AS PER MN/DOT STD PLATE 4011.

CONE 4' MIN. (UNLESS OTHERWISE REQUIRED TO ACHIEVE PROPER STEP SPACING)

VARIES
12" - 16"

VARIES

4'

48"

5" MIN

