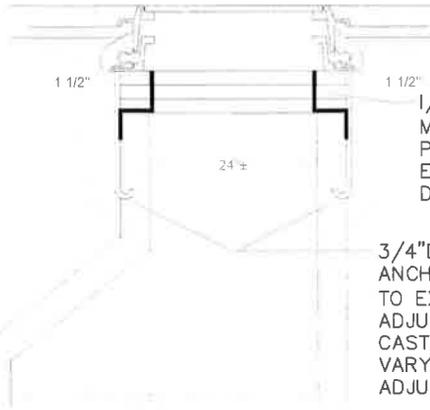


NOTES: BED FRAME IN MORTAR, INSTALL PRECAST TWO-INCH RINGS, AND PLASTER INSIDE AND OUT WITH MORTAR.

INSTALLED COST AT EXISTING LOCATIONS SHALL BE INCLUDED IN PRICE BID FOR "ADJUST FLOATING MANHOLE CASTING", OR "FURNISH & ADJUST FLOATING MANHOLE CASTING".

INSTALLATION COST AT NEW MANHOLE LOCATIONS SHALL BE INCLUDED IN THE PRICE BID FOR "MANHOLES".



1/1 BARRIER AS MANUFACTURED BY AP/M PERMAFORM, OR AN APPROVED EQUAL REQUIRED, UNLESS DIRECTED BY ENGINEER.

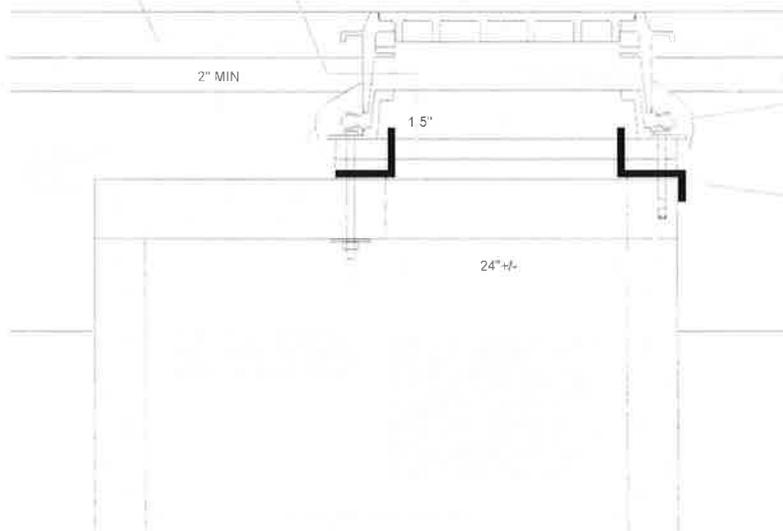
3/4" DIA. STAINLESS STEEL ANCHOR BOLTS WITH NUT, TO EXTEND 5" BELOW ADJUSTING RINGS, 4 PER CASTING. LENGTH MAY VARY WITH NO. OF ADJUSTING RINGS.

**CROSS SECTION OF CONNECTION TO CONICAL MANHOLE - TYPICAL**

FRAMES WHEN COMPRESSED ARE 11 1/2" IN HEIGHT. SET UPPER FRAME 1 1/2" ABOVE LOWER FRAME.

WHEN INSTALLING A BOX OUT INTO EXISTING PAVEMENT, DRILL 20" LONG NO.5 REBAR 6" DEEP - 15" O.C. SEE STD. DETAIL 1206-4

NEENAH R-1955-1 FLOATING M.H. CASTING OR EQUAL REFER TO NEENAH NO. R-1733-0067, R-1733-0078, R-1733-0716 OR EQUAL AS APPROPRIATE FOR USE.



3/16"x5" EXTRUDED NEOPRENE GASKET SECURED TO CLAMPS

1/1 BARRIER AS MANUFACTURED BY AP/M PERMAFORM, OR AN APPROVED EQUAL REQUIRED, UNLESS DIRECTED BY ENGINEER.

**CROSS SECTION**

**FLOATING MANHOLE CASTING DETAIL (SHEET 1 OF 2)**

<b>Scale</b>	<b>Sheet #</b>
NTS	1 of 1
<b>Date</b>	
04/07/2015	
<b>File Name</b>	
Construction Details.dwg	

**DISCLAIMER**

The specifications represented in this document are in accordance with established City of Mandan Engineering & Planning practices and are an electronic facsimile of the specifications on file in the City of Mandan Engineering & Planning Department. However, neither the City of Mandan nor its employees can or do warranty these specifications to be complete specifications for any or all construction projects. The specification document, together with all addendums listed in each construction project specification, shall be the project specification for the City of Mandan. The user acknowledges and accepts all the data "as is", including the fact that the details are under a constant state of maintenance, correction and revision.

**1315-A  
FLOATING MANHOLE  
CASTING DETAIL**

