

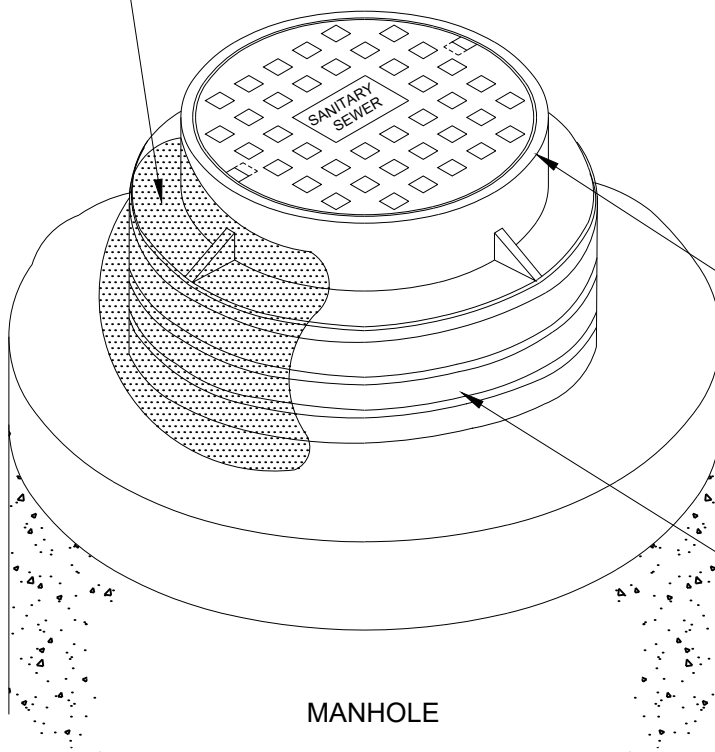
CATCH BASIN OR CATCH BASIN MANHOLE CASTING PER STANDARD DETAILS

CONCRETE ADJUSTMENT RINGS. NO ENGINEERED POLYMER RINGS ALLOWED ON CATCH BASINS AND CATCH BASIN MANHOLES.

NOTES:

1. INSTALL RINGS TO ALLOW FOR MIN. 4", MAX. 12" OF ADJUSTMENT. (RECOMMEND 8" OF ADJUSTMENT.)
2. CONCRETE ADJUSTING RINGS SHALL BE 2" UNITS AND SHALL HAVE 3/8" MORTAR \pm 1/8". NO WOODEN SHIMS OR OTHER ORGANIC SHIMS ARE ALLOWED.
3. INTERIOR OF ADJUSTING RINGS SHALL BE NEATLY MORTARED. THE VOID UNDERNEATH THE CASTING SHALL BE SEALED WITH MORTAR. RINGS SHALL BE WIPED CLEAN.
4. RINGS MAY BE INSTALLED WITH A TOTAL OFFSET FROM VERTICAL OF UP TO 2" PER STRUCTURE.
5. WHEN USING ENGINEERED POLYMER RINGS, USE AT LEAST 2 RINGS TO MAKE ADJUSTMENT. USE SLOPED RINGS, NO SHIMS ALLOWED.
6. TOP OF FRAME SHALL BE DOWN 1/4" TO 3/8" FROM FINISHED PAVEMENT EXCEPT 1" BELOW GUTTER GRADE.

STORM SEWER: FILTER FABRIC
SANITARY SEWER: EXTERNAL CHIMNEY SEAL



MANHOLE CASTING PER STANDARD DETAILS

CONCRETE OR ENGINEERED POLYMER ADJUSTING RINGS ON MANHOLES

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City Plate No.:

STR-1

Last Revision:

12/18/2020

Section:

1700

STANDARD DETAILS

CASTING STRUCTURE ADJUSTMENT

City of Minot