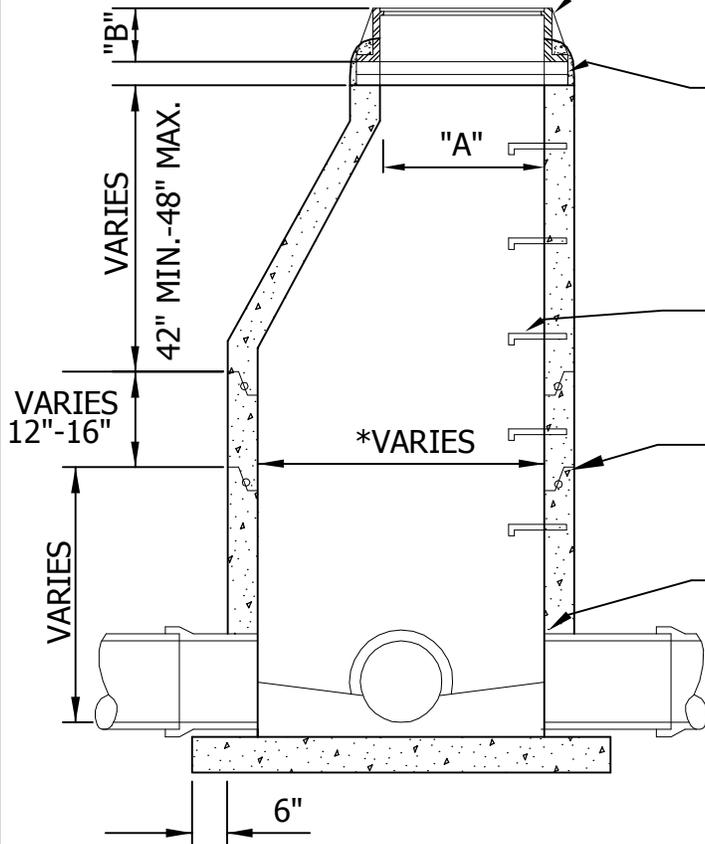


GROUT BOTTOM OF MANHOLE TO 1/2 DIAMETER AT PIPE AND SLOPE GROUT 2" TOWARD INVERT.

| CASTING | A   | B  |
|---------|-----|----|
| R1642B  | 27" | 7" |

MANHOLE STEPS SHALL BE PLACED SO THAT OFFSET VERTICAL PORTION OF CONE IS FACING DOWNSTREAM.  
STORM SEWER SHALL BE RCP  
NO BLOCK STRUCTURES ARE ALLOWED.

PLAN



NEENAH FRAME AND PLATEN LID OR EQUAL, LETTERED, "STORM SEWER", WITH 2 CONCEALED PICK HOLES.

MINIMUM OF 2", MAXIMUM OF 12" OF HDPE ADJUSTMENT RINGS. WOVEN FILTER FABRIC SHALL THEN BE WRAPPED AROUND HDPE RINGS. CONCRETE COLLAR SHALL BE PLACED AROUND FILTER FABRIC.

MANHOLE STEPS, NEENAH R1981J OR EQUAL, 16" ON CENTER. ALUMINUM STEPS APPROVED.

ALL JOINTS IN MANHOLE TO HAVE "O" RING RUBBER GASKETS.

PIPE SHALL BE CUT OUT FLUSH WITH INSIDE FACE OF WALL.

DOGHOUSES SHALL BE GROUTED BOTH INSIDE AND OUTSIDE OF MANHOLE.

KOR-N-SEAL MANHOLE OR EQUAL CONSIDERED ACCEPTABLE ALTERNATE.

SECTION

\*DETERMINED BY PIPE SIZE



**STANDARD DETAILS**  
STORM SEWER JUNCTION  
MANHOLE

COTTAGE GROVE, MINNESOTA

LAST REVISION:  
JAN 2014

PLATE NO.  
STO-2