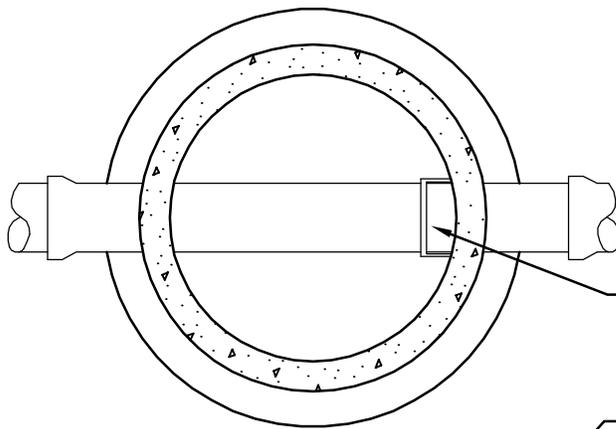


PRECAST INVERT MUST BE 1/2 DIAMETER OF THE PIPE AND BENCHES SLOPED 2" TOWARD THE INVERT.

CASTING	A	B
R1642B	27"	7"
R1755G	27"	7"



PLAN

MANHOLE STEPS SHALL BE PLACED SO THAT OFFSET VERTICAL PORTION OF CONE IS FACING DOWNSTREAM.

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

MINIMUM OF 2", MAXIMUM OF 12" OF HDPE ADJUSTMENT RINGS

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

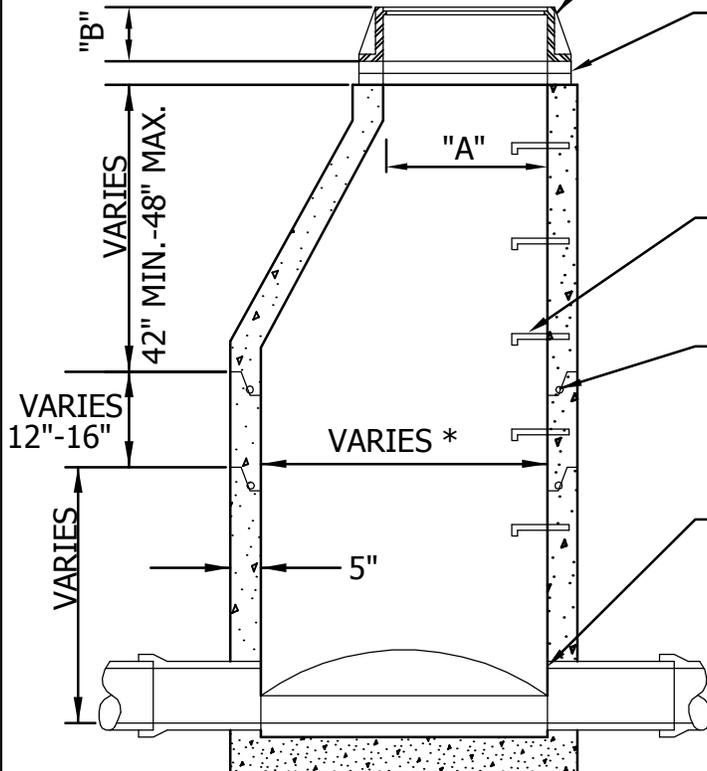
ALL JOINTS IN MANHOLE TO HAVE "O" RING RUBBER GASKETS

PRECAST INVERT REQUIRED.

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

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

ALL DOG HOUSES SHALL BE GROUTED ON INSIDE AND OUTSIDE.



SECTION

\* DETERMINED BASE ON PIPE SIZE



STANDARD DETAILS  
SANITARY SEWER MANHOLE

COTTAGE GROVE, MINNESOTA

LAST REVISION:  
JAN 2014

PLATE NO.  
SAN-1