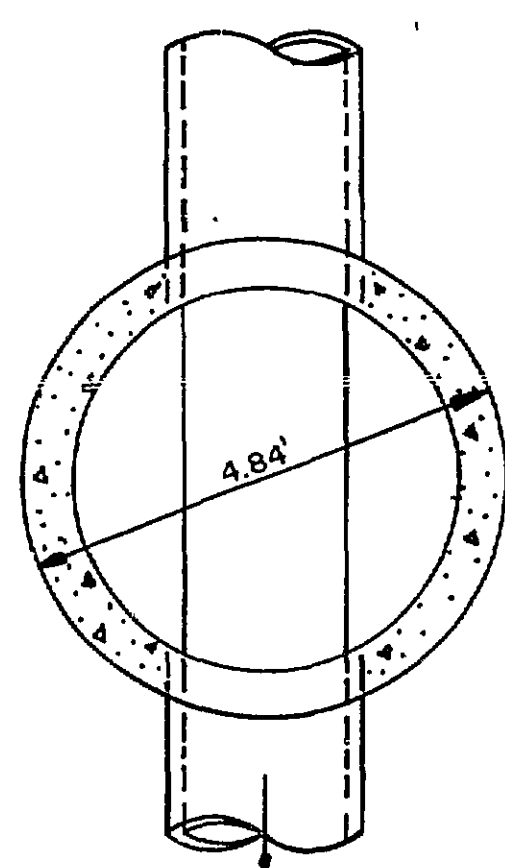
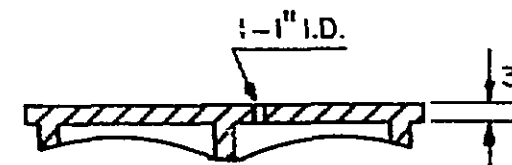
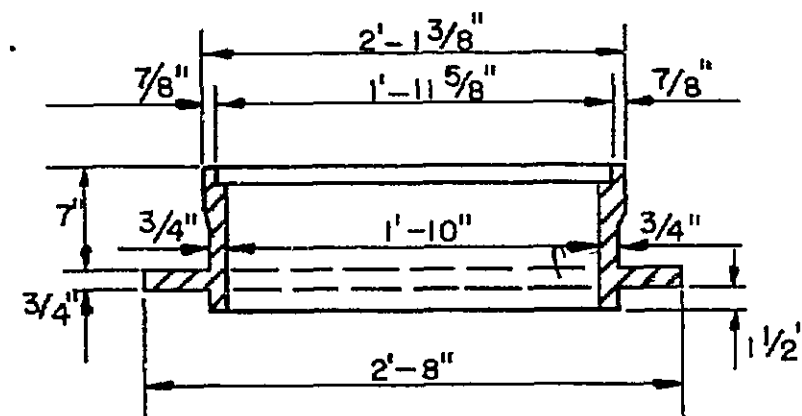
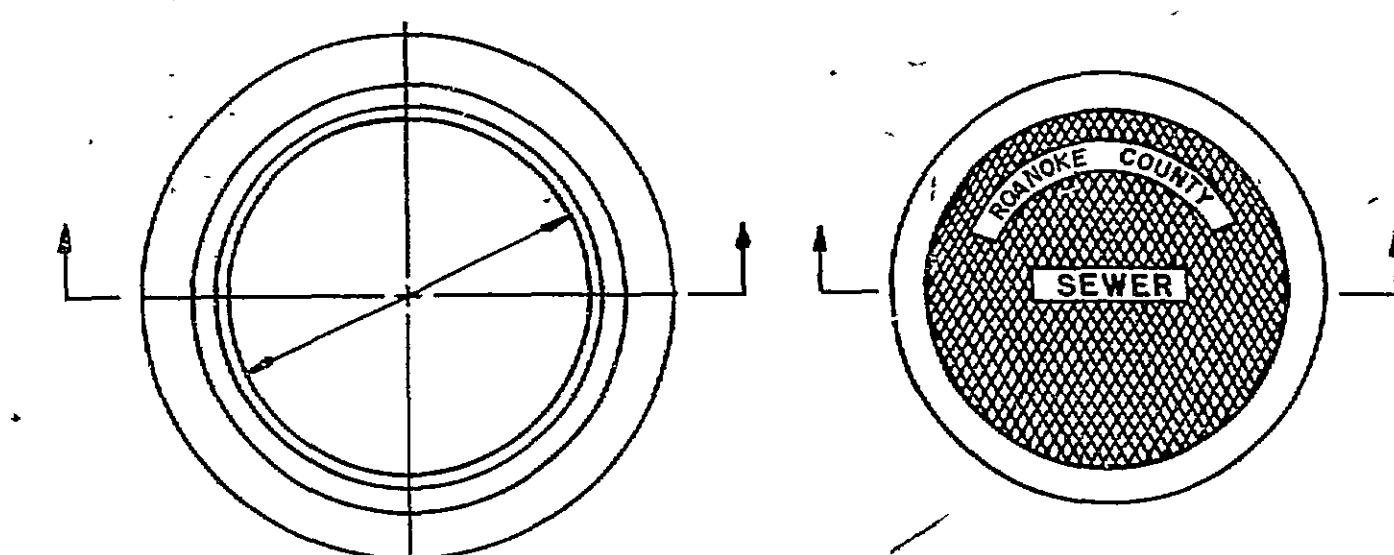
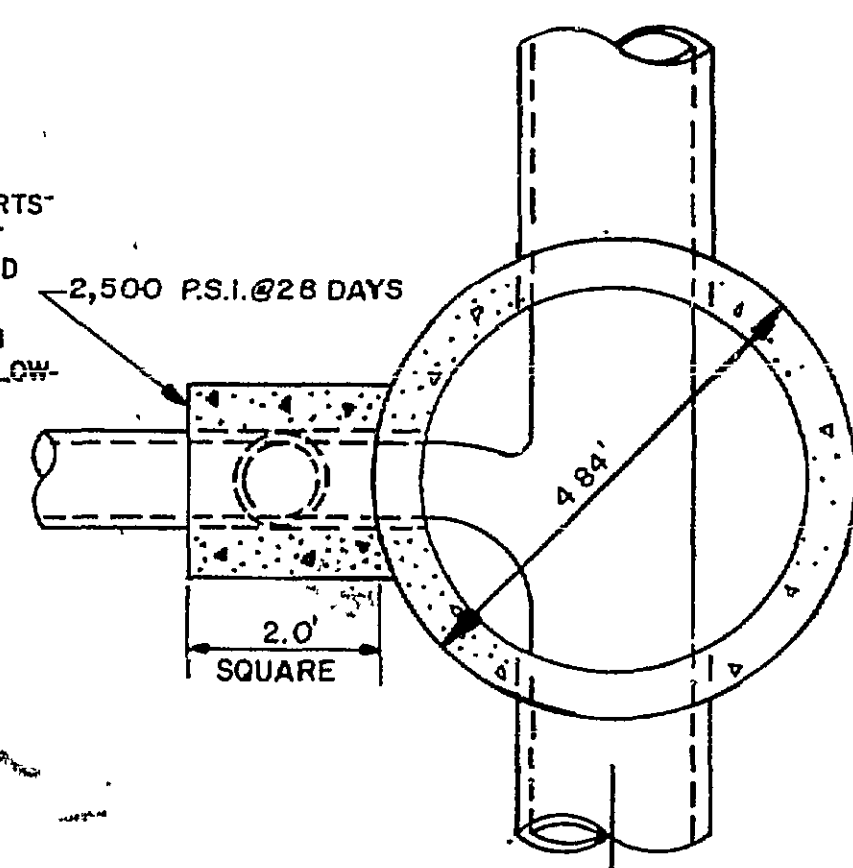


MANHOLE FRAME AND COVER

RICHARD FOUNDRY CO. DESIGN NO. B-1444,
DEWEY BROS., INC. MH-RCR-56, OR EQUIVALENT

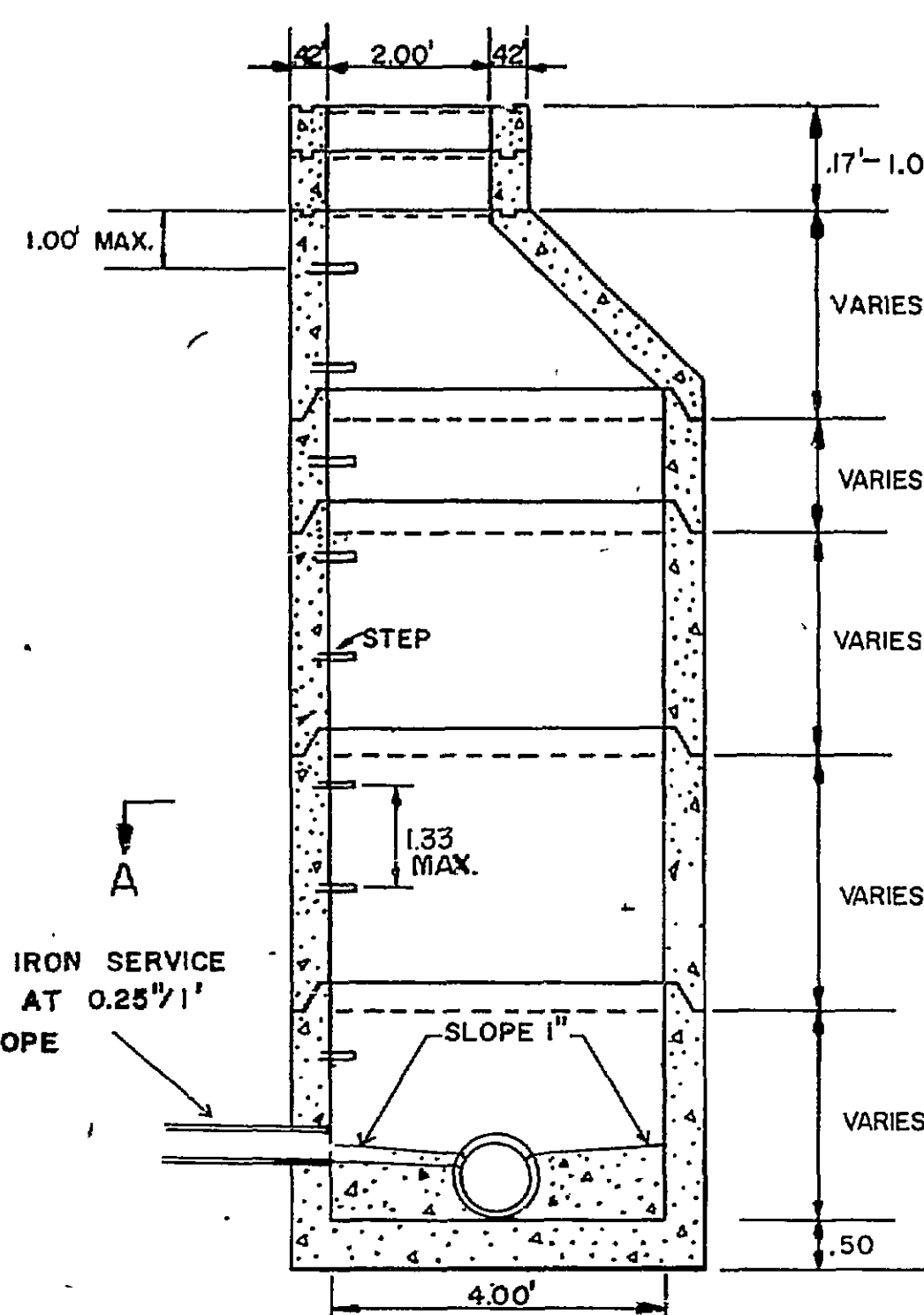


PRE-CAST MANHOLE INVERTS*
WITH LASER BOWLES MUST
HAVE THEIR BOWLES FILLED
IN AND INVERTS FORMED
WITH EPOXY TO CONFORM
TO THE SHAPE OF THE INFLOW-
OUTFLOW PIPES.

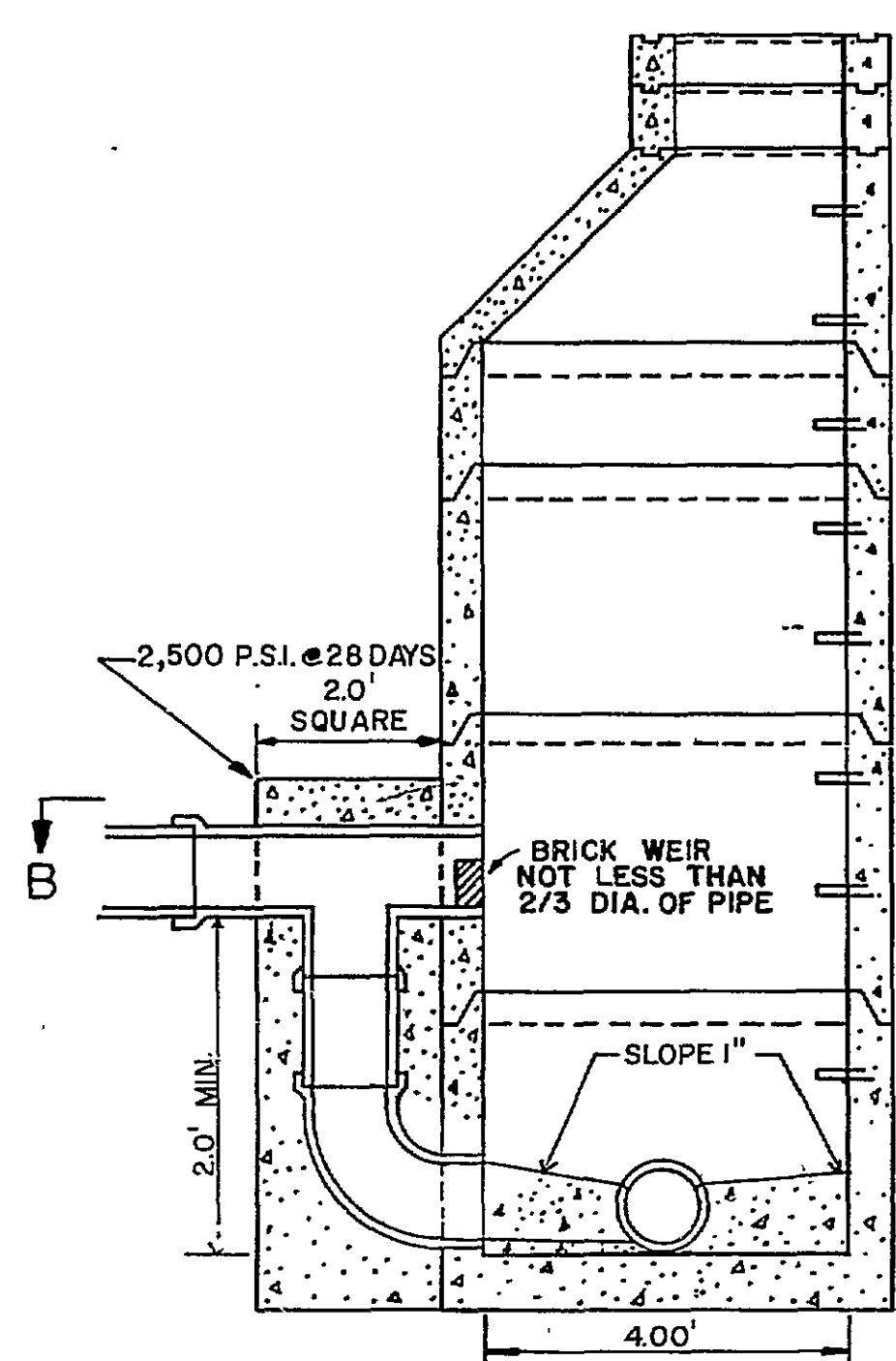


SECTION A-A
STANDARD MANHOLE

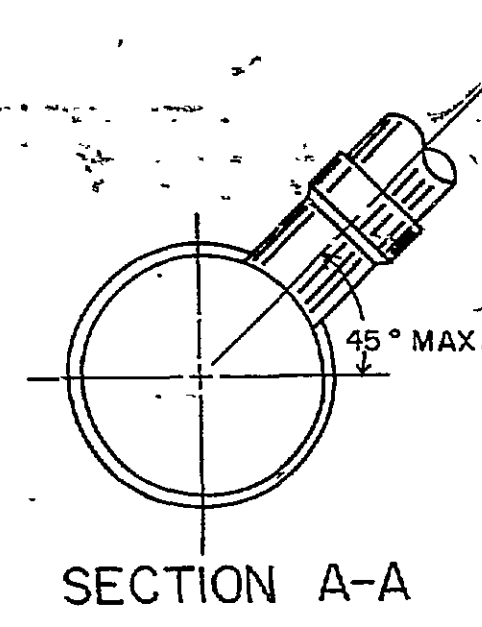
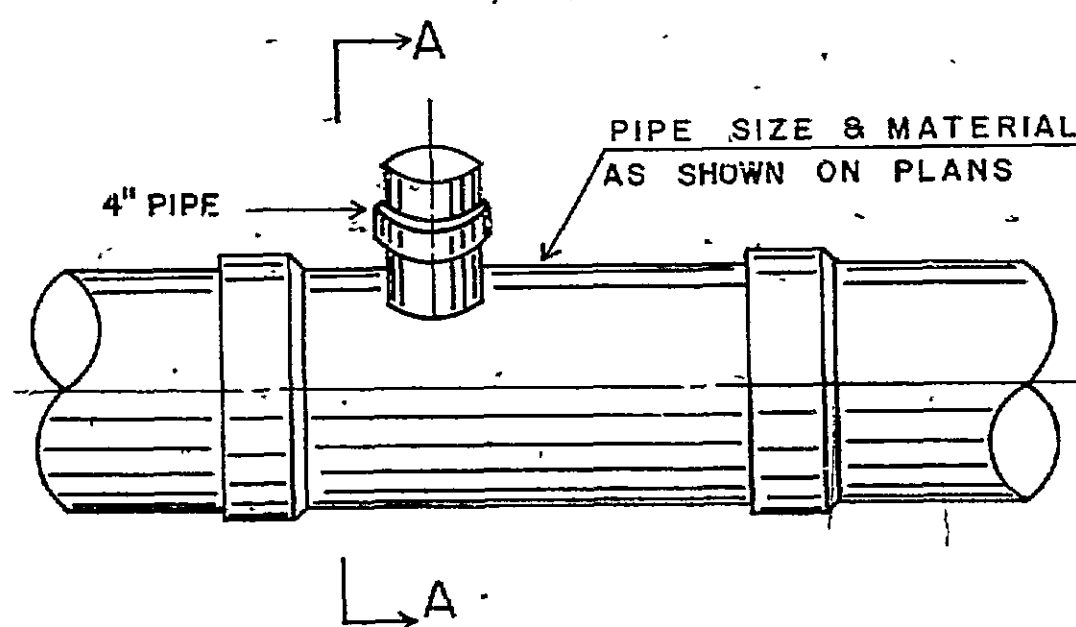
SECTION B-B
DROP MANHOLE



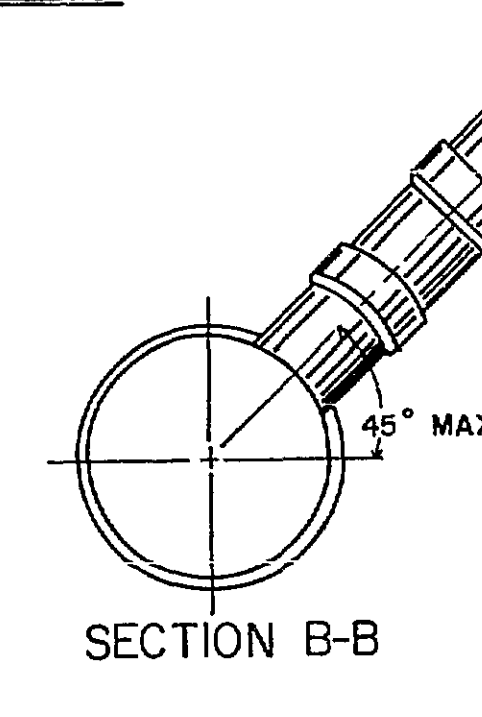
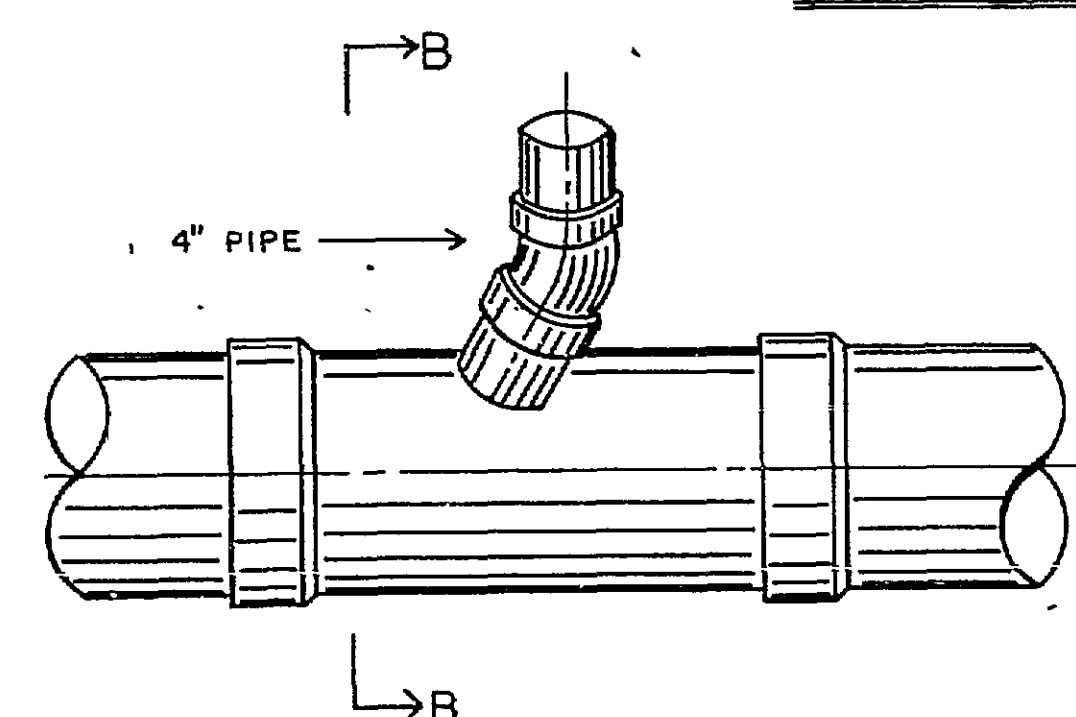
STANDARD MANHOLE



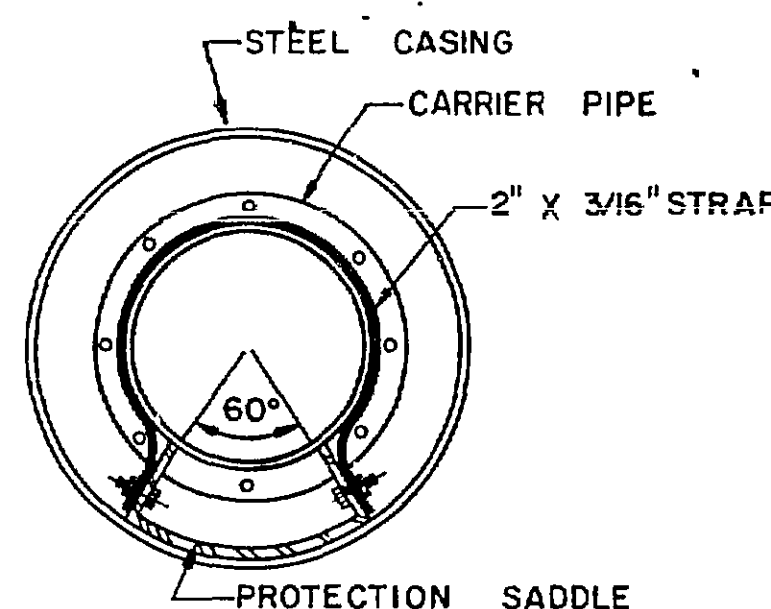
DROP MANHOLE



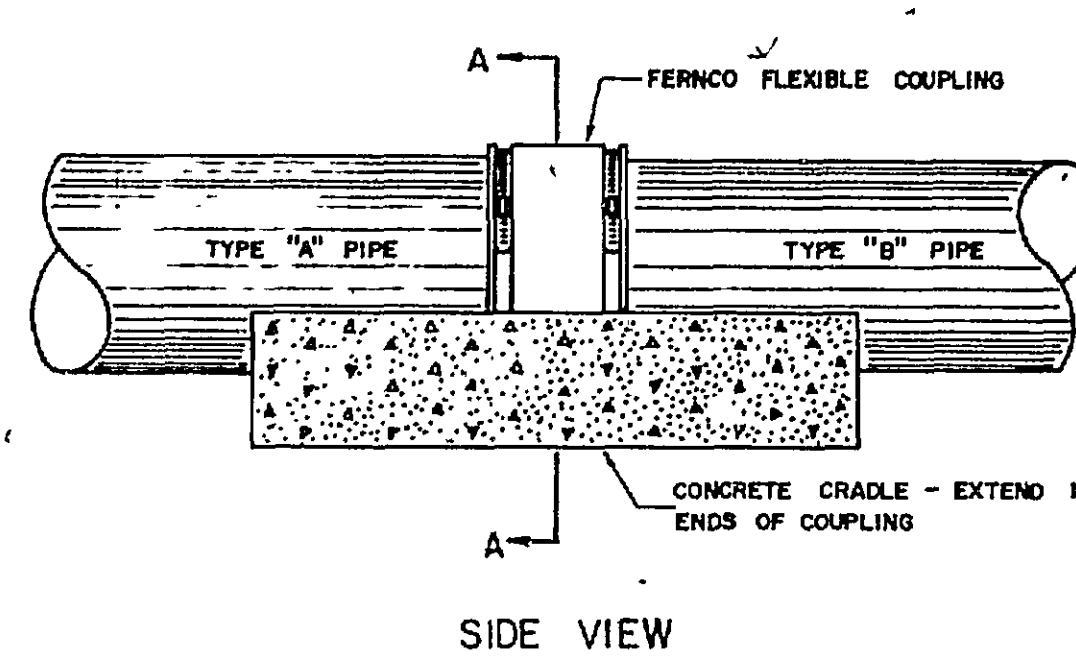
SERVICE CONNECTION "T"



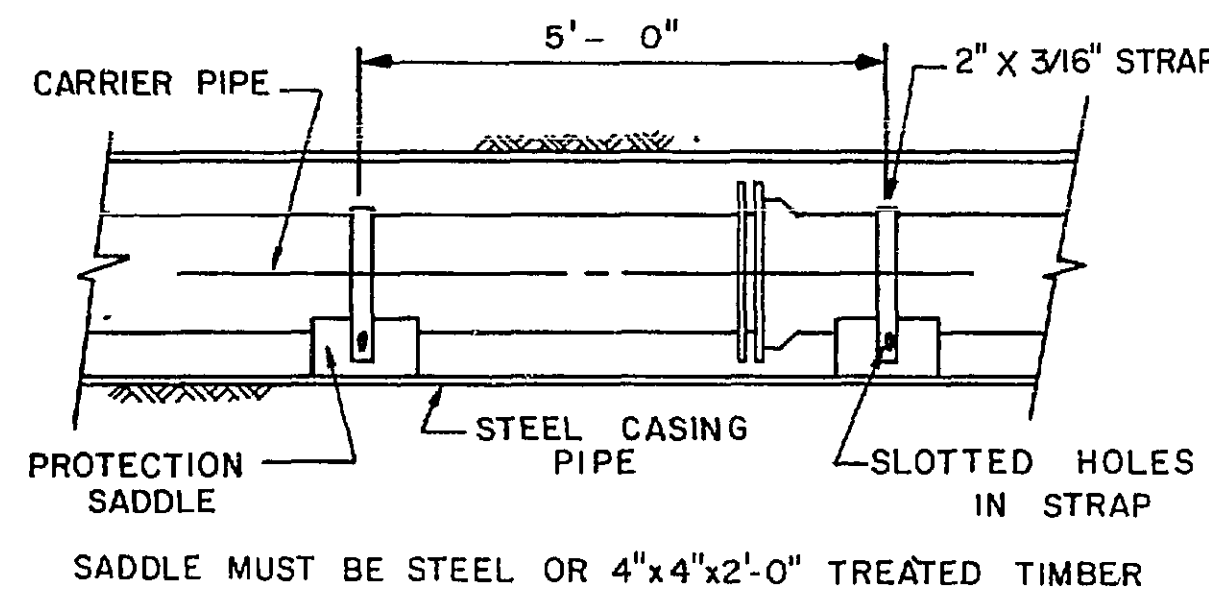
SERVICE CONNECTION "WYE"



BORING AND CASING

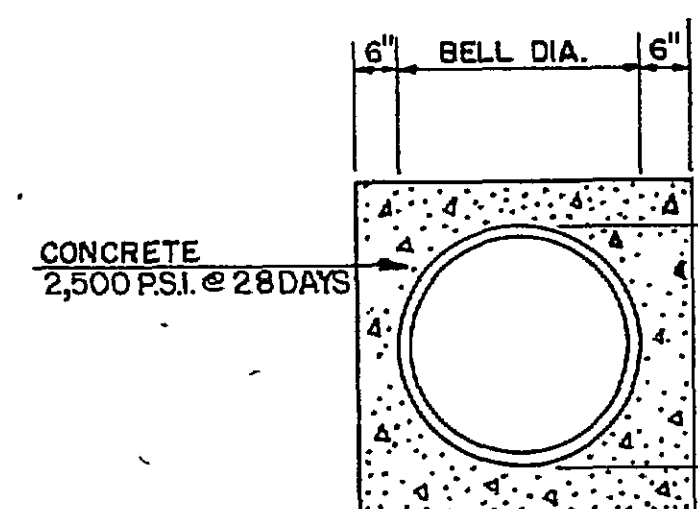


SIDE VIEW

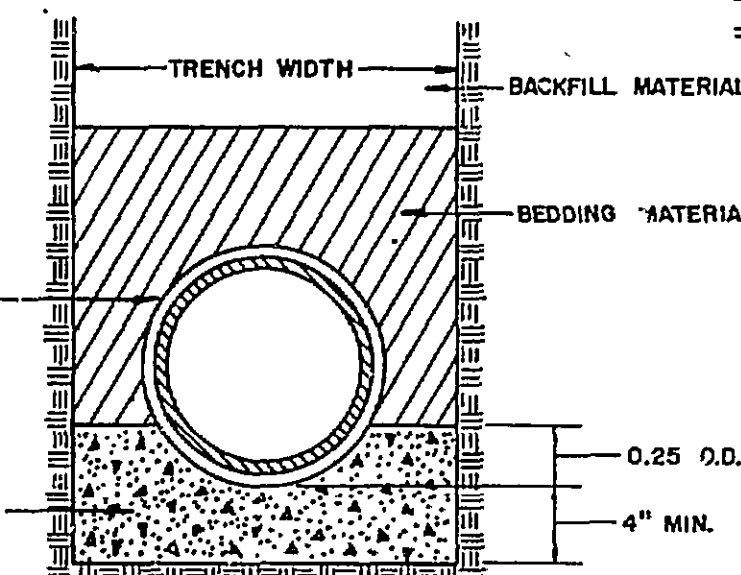


SADDLE MUST BE STEEL OR 4"X4"X2'-0" TREATED TIMBER

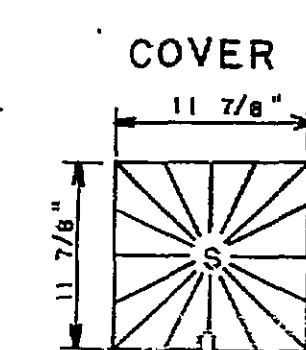
JOINING DISSIMILAR PIPE



CONCRETE ENCASED
PIPE

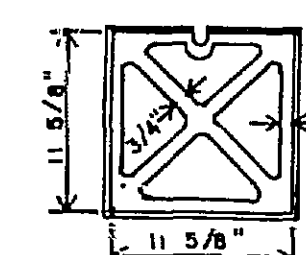


SECTION A-A



SECTION

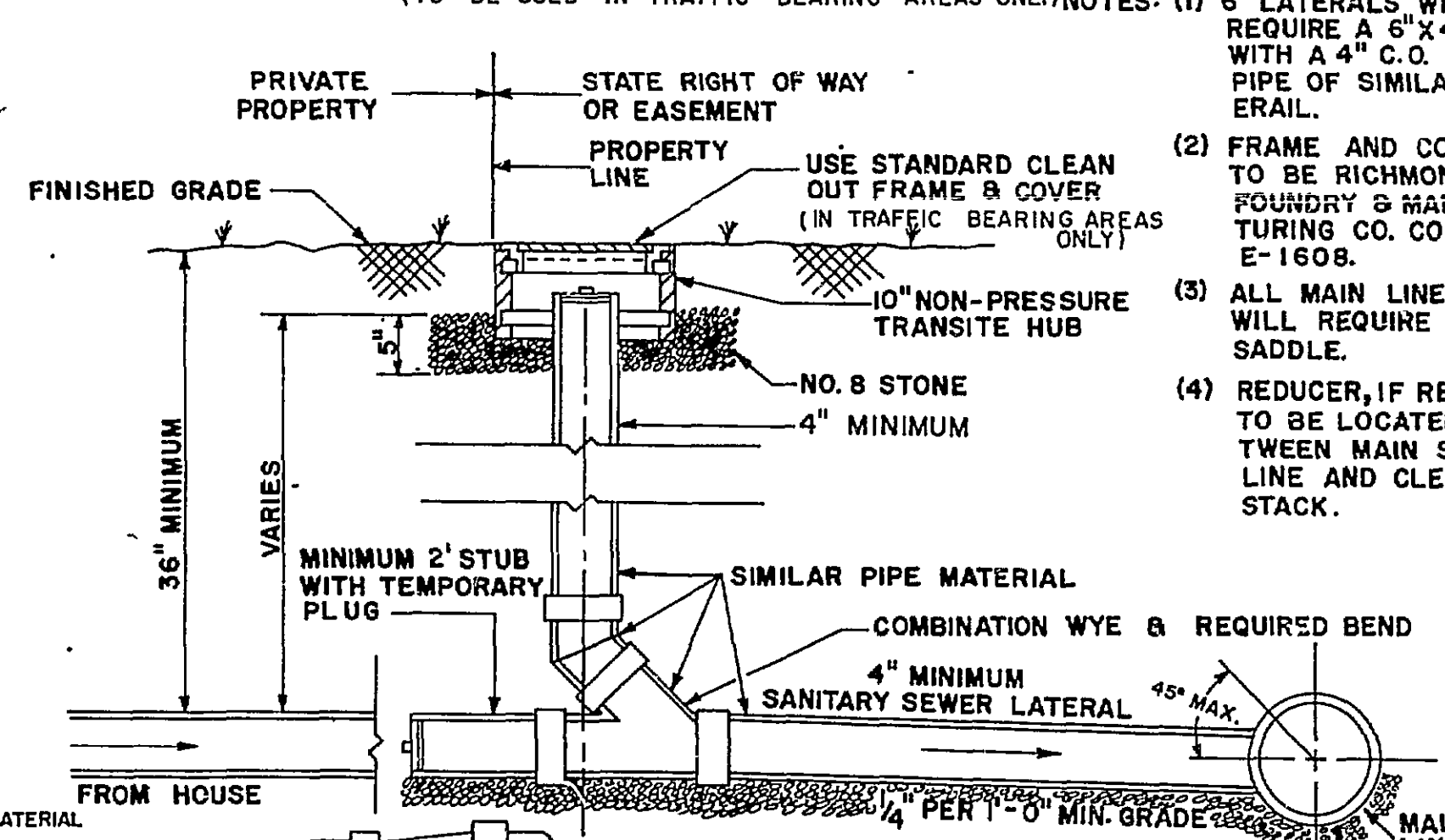
PLAN



CLEAN OUT FRAME AND COVER

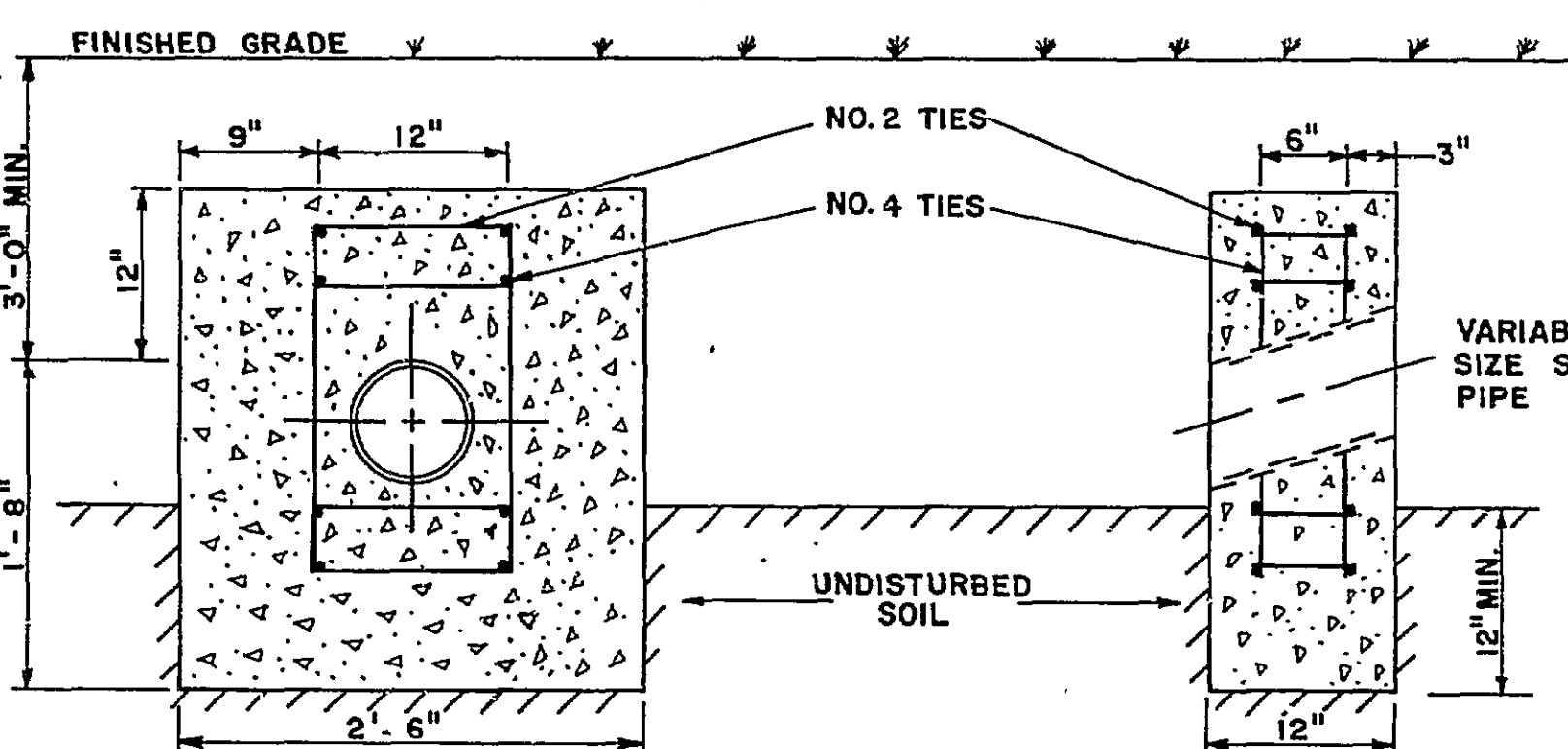
SCALE: 1"=1'-0"

(TO BE USED IN TRAFFIC BEARING AREAS ONLY) NOTES: (1) 6" LATERALS WILL REQUIRE A 6"X4" WYE WITH A 4" C.O. STACK PIPE OF SIMILAR MATERIAL.



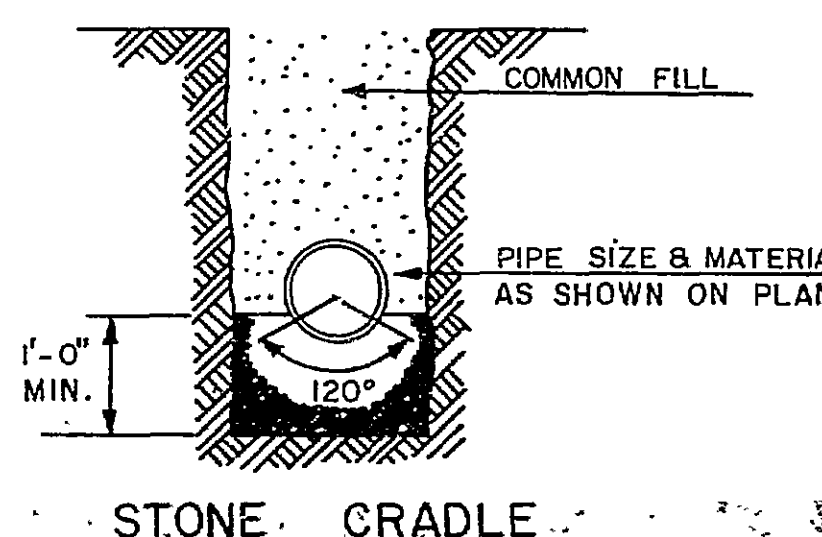
SANITARY SEWER LATERAL

SCALE: 1"=1'-0"



ANCHOR BLOCK

SCALE: 1"=1'-0"



STONE CRADLE

ROANOKE COUNTY
DEPARTMENT OF
PUBLIC FACILITIES
ENGINEERING DIVISION
SANITARY SEWER DETAILS

SCALE: AS SHOWN
REVISED: SEPT. 1985