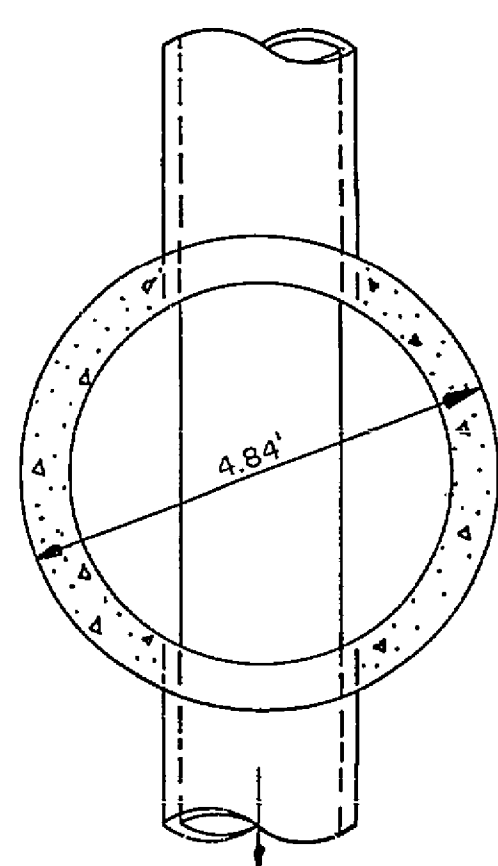
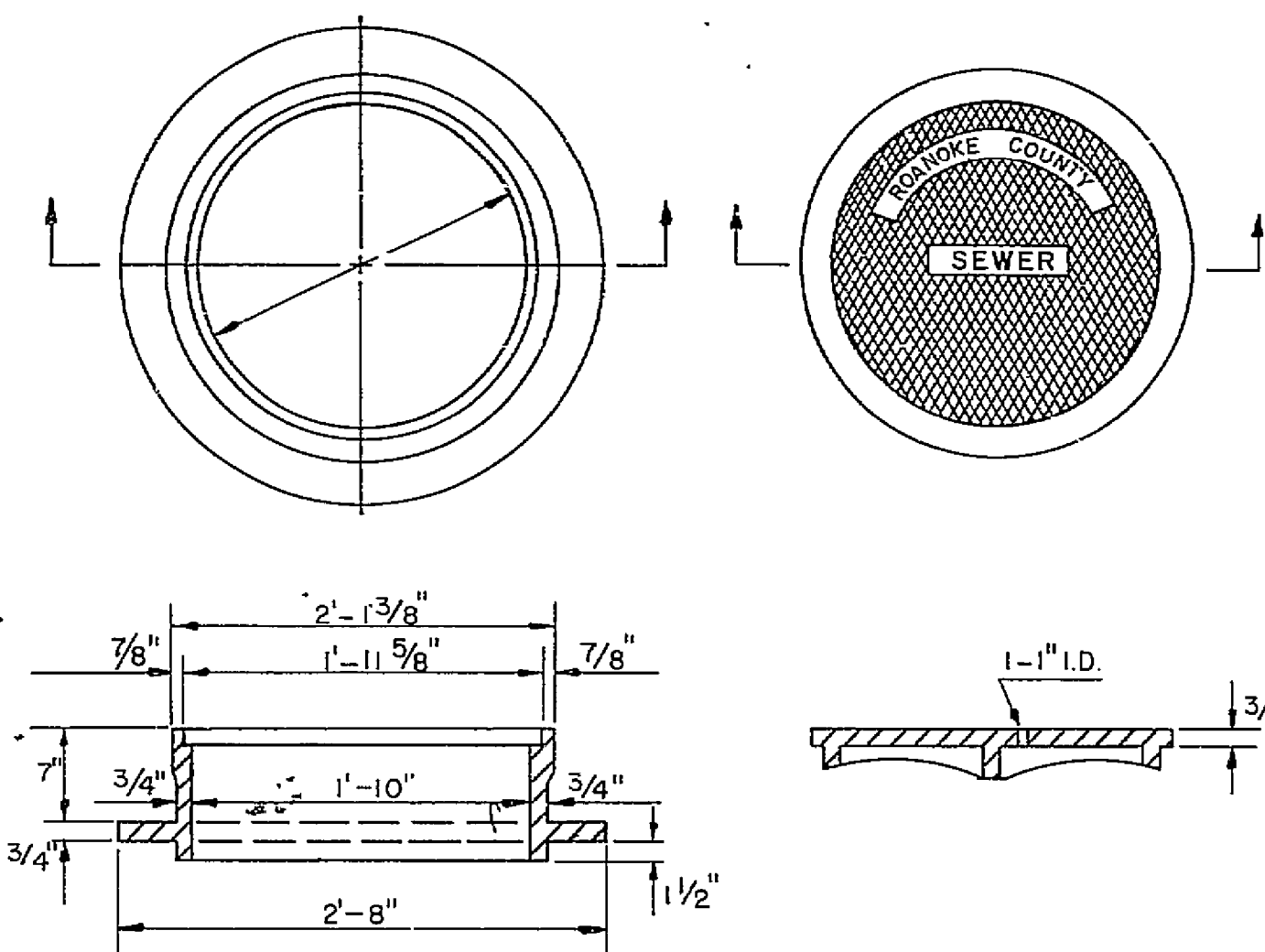


MANHOLE FRAME AND COVER

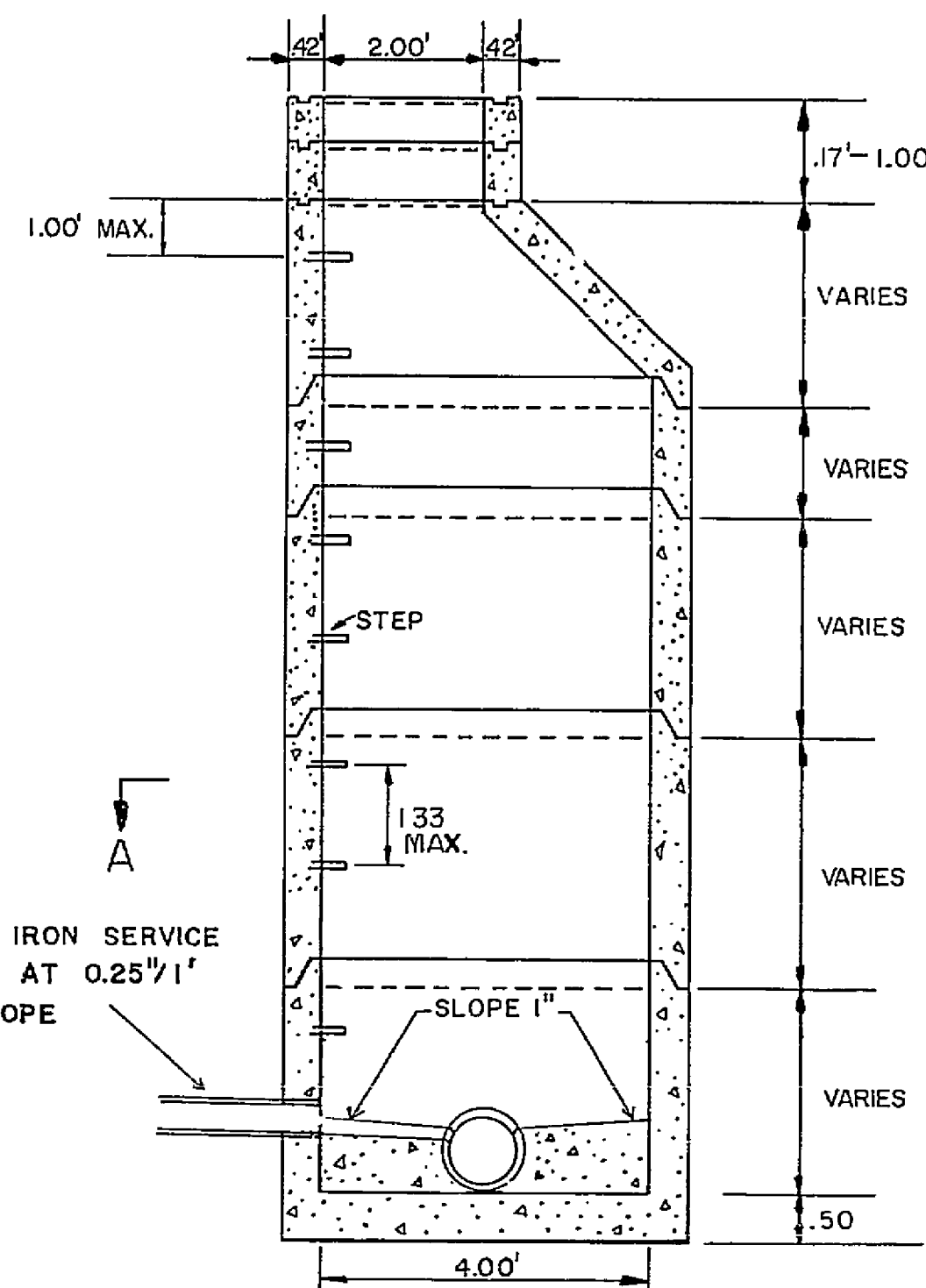
RICHARD FOUNDRY CO. DESIGN NO. B-1444,
DEWEY BROS., INC. MH-RCR-56, OR EQUIVALENT



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.

2,500 P.S.I. @ 28 DAYS
2.0' SQUARE

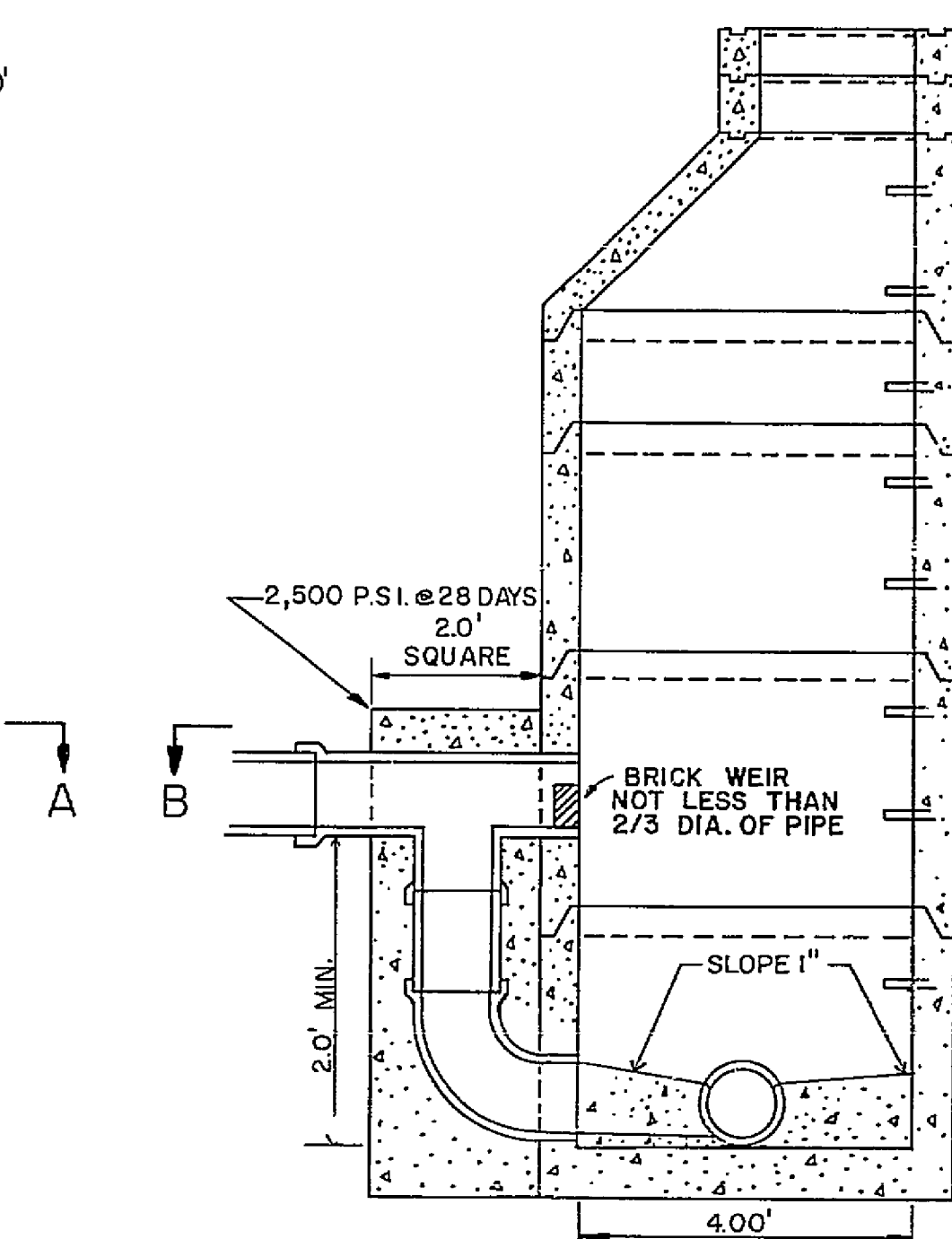
SECTION A-A STANDARD MANHOLE



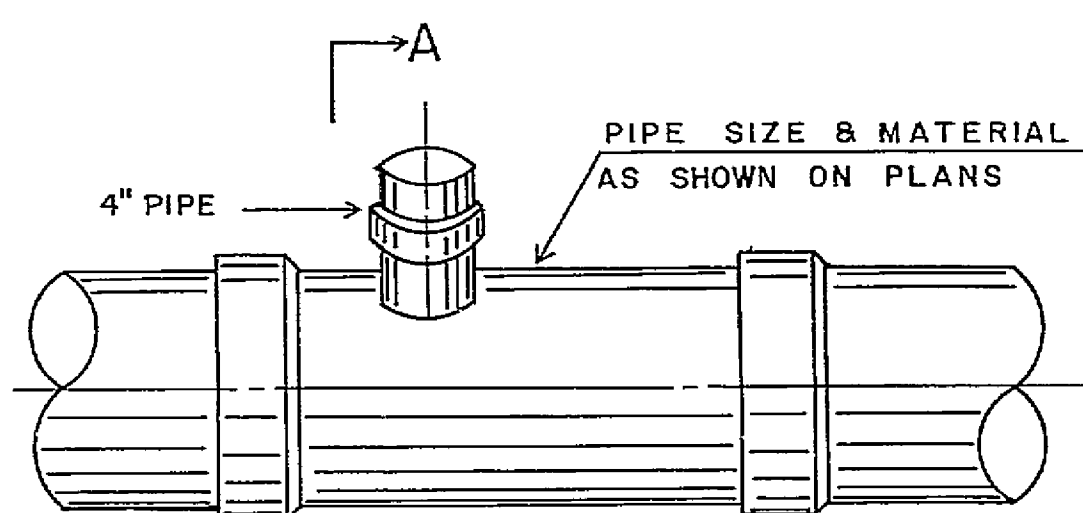
4" DUCTILE IRON SERVICE
CONNECTION AT 0.25' / 1'
MINIMUM SLOPE

STANDARD MANHOLE

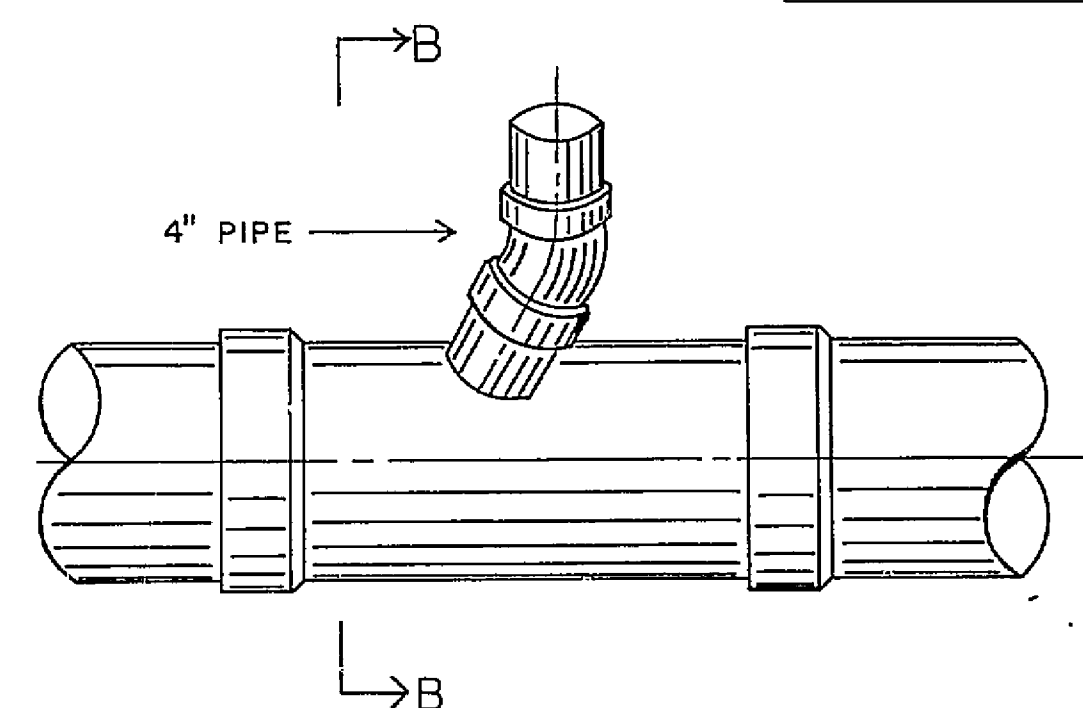
SECTION B-B DROP MANHOLE



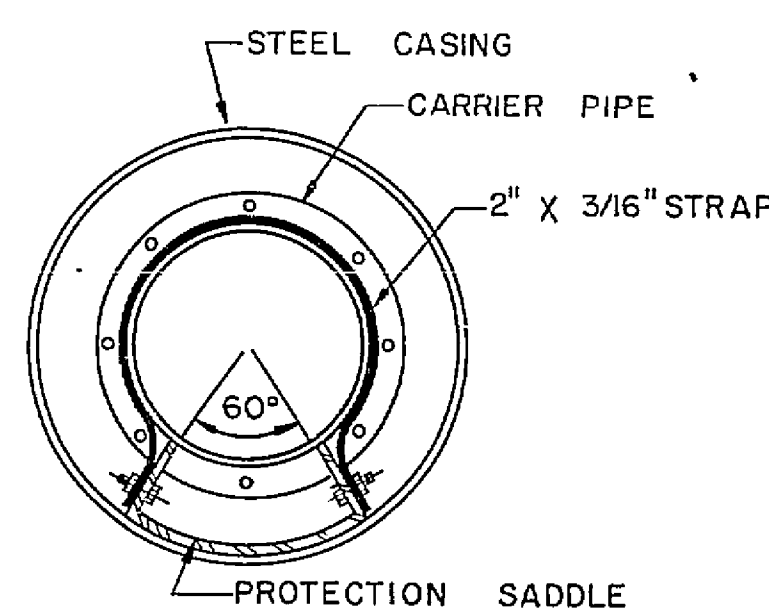
DROP MANHOLE



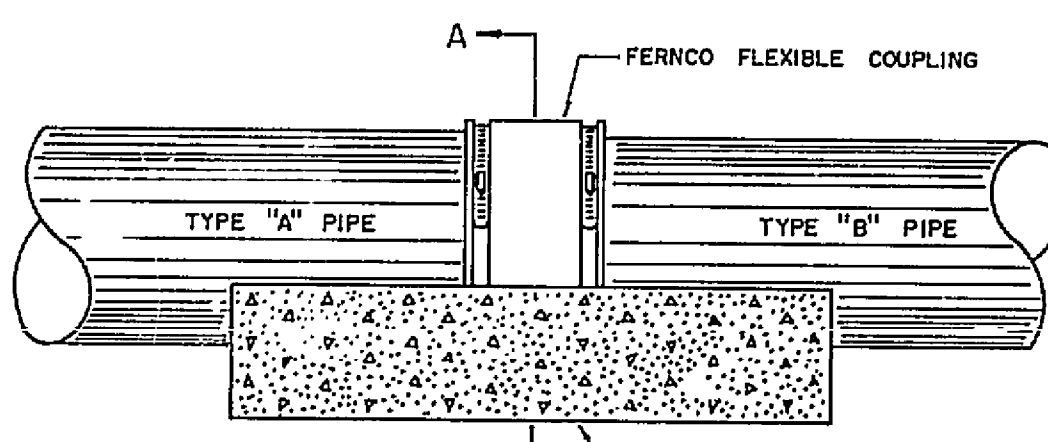
SERVICE CONNECTION "T"



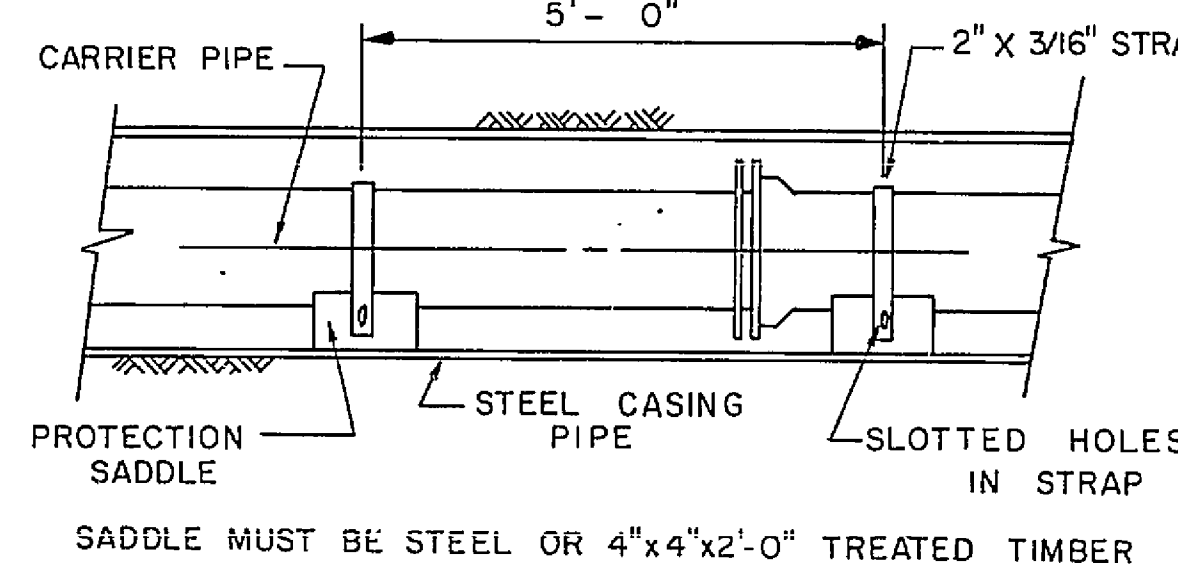
SERVICE CONNECTION "WYE"



BORING AND CASING

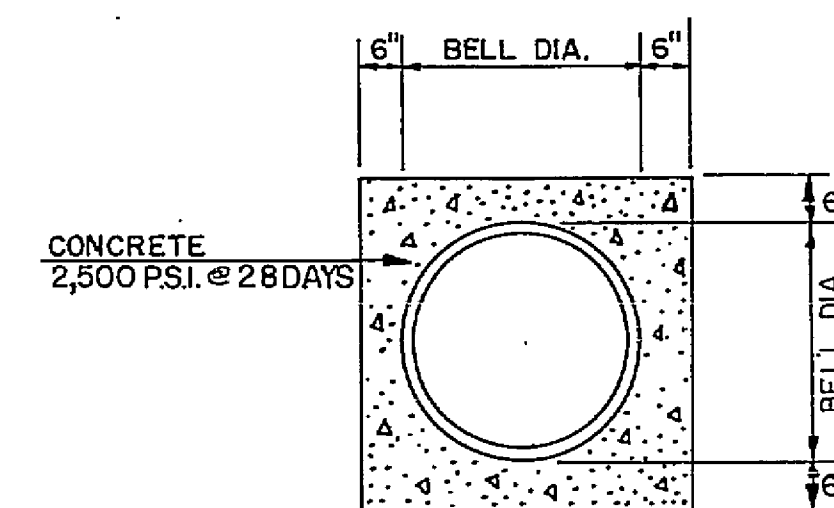


SIDE VIEW

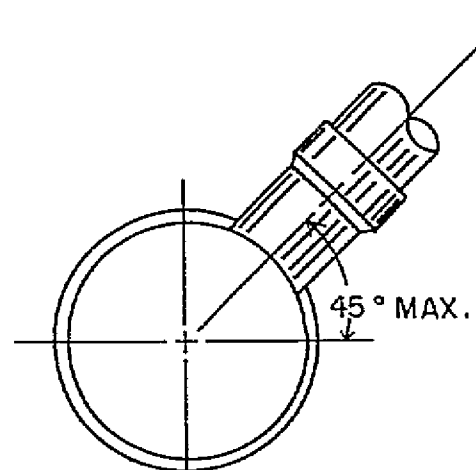


SADDLE MUST BE STEEL OR 4"x4"x2'-0" TREATED TIMBER

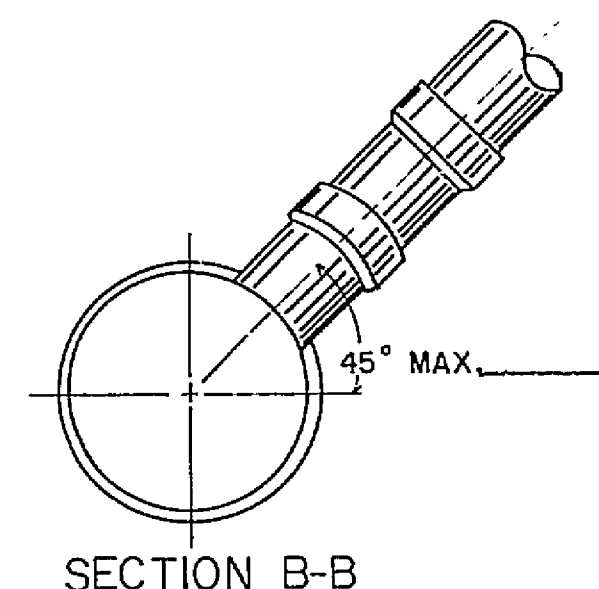
JOINING DISSIMILAR PIPE



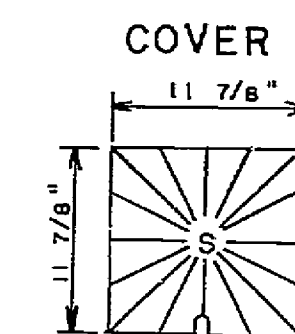
CONCRETE ENCASED PIPE



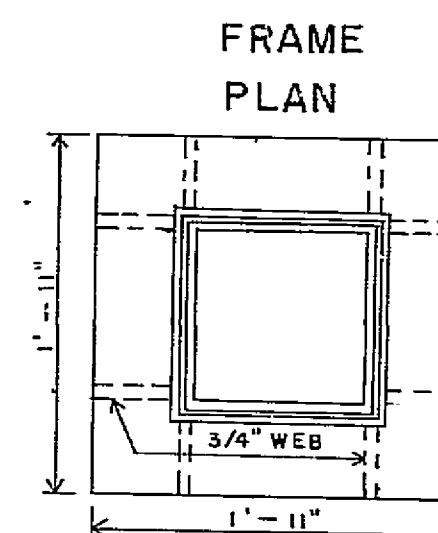
SECTION A-A



SECTION B-B

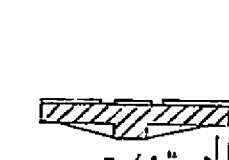


COVER

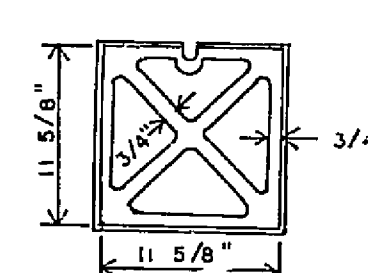


FRAME PLAN

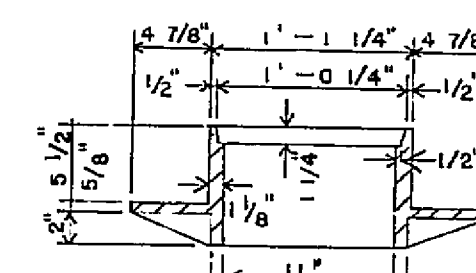
SECTION



PLAN

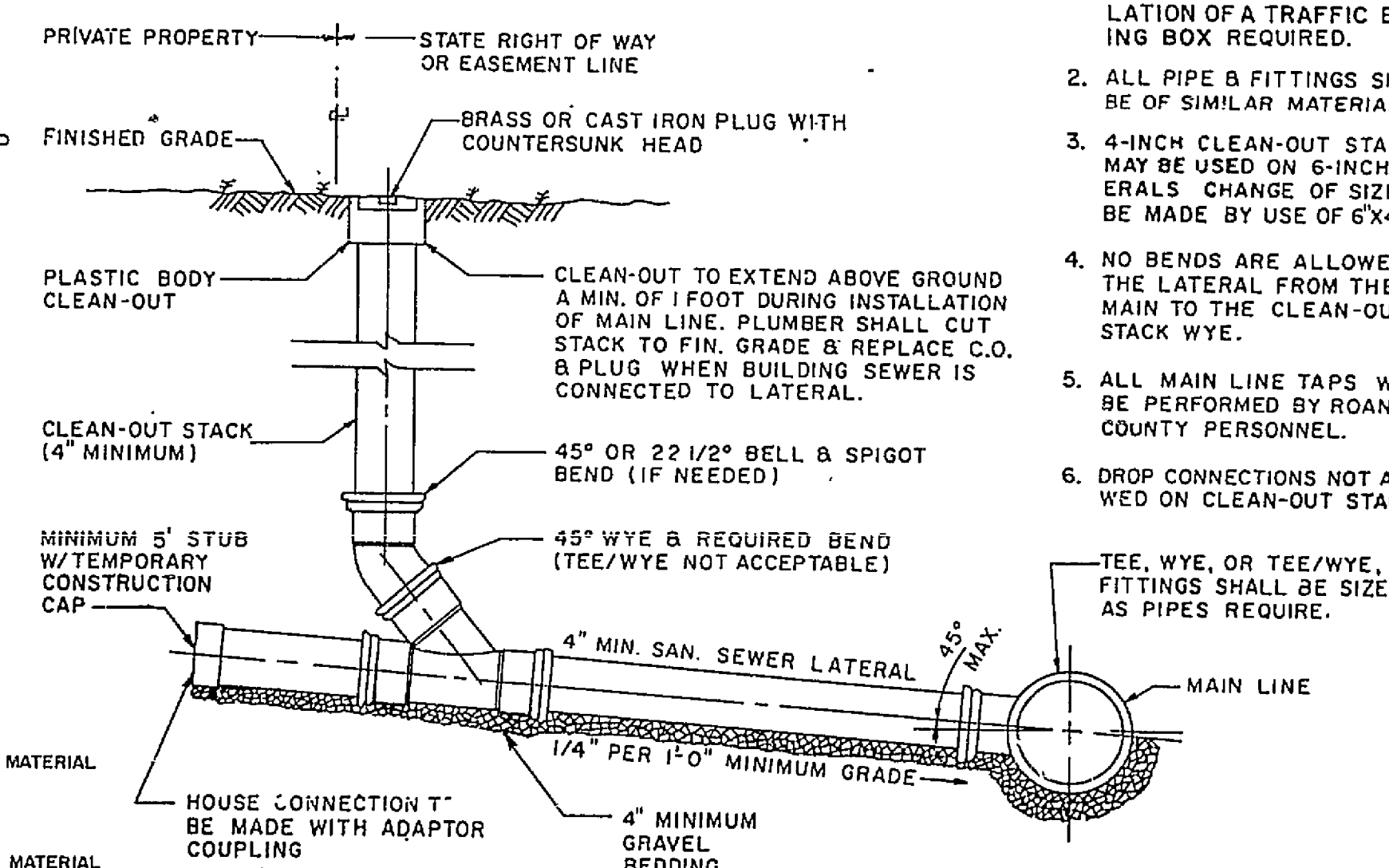


SECTION



CLEAN OUT FRAME AND COVER

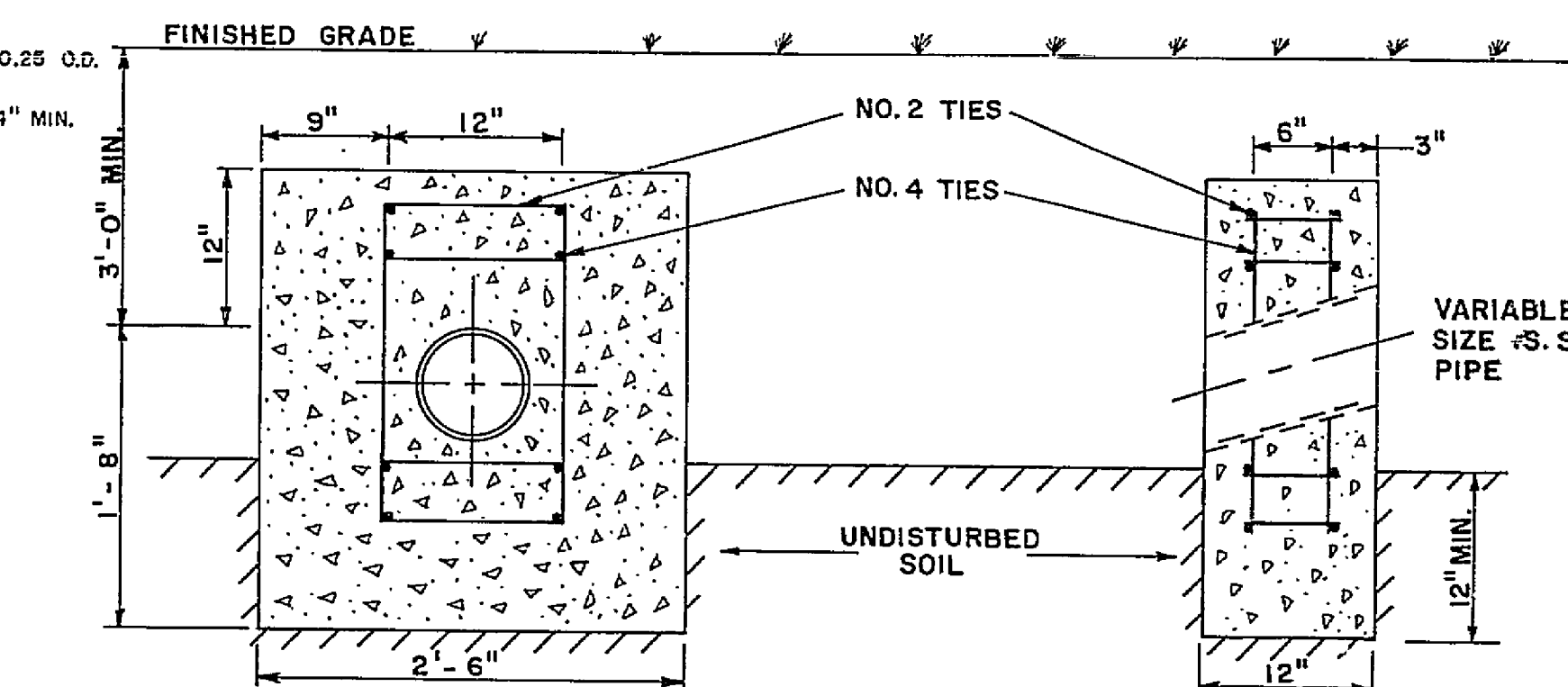
SCALE: 1" = 1'-0"



- NOTES:
1. IN TRAFFIC AREAS INSTALLATION OF A TRAFFIC BEARING BOX REQUIRED.
 2. ALL PIPE & FITTINGS SHALL BE OF SIMILAR MATERIAL.
 3. 4-INCH CLEAN-OUT STACKS MAY BE USED ON 6-INCH LATERALS CHANGE OF SIZE TO BE MADE BY USE OF 6"x4" WYE.
 4. NO BENDS ARE ALLOWED IN THE LATERAL FROM THE MAIN TO THE CLEAN-OUT STACK WYE.
 5. ALL MAIN LINE TAPS WILL BE PERFORMED BY ROANOKE COUNTY PERSONNEL.
 6. DROP CONNECTIONS NOT ALLOWED ON CLEAN-OUT STACK.

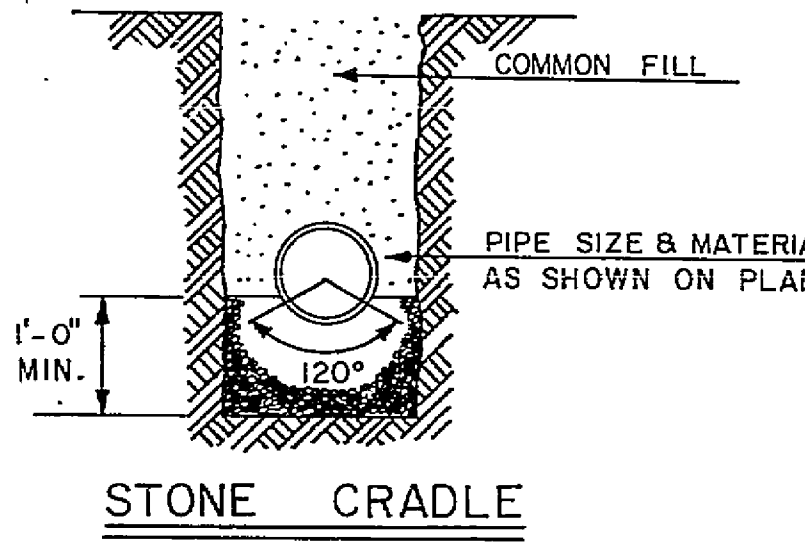
SANITARY SEWER LATERAL

SCALE: 1" = 1'-0"



ANCHOR BLOCK

SCALE: 1" = 1'-0"



SECTION 2 HUNTRIDGE ROANOKE COUNTY, VIRGINIA	
DESIGNED R.C.D.R.F.	DRAWN R.C.D.R.F.
CHECKED R.C.D.R.F.	
SCALE: AS SHOWN	
DATE: 10-10	
T.P. PARKER & SON ENGINEERS & SURVEYORS LTD. SALEM, VIRGINIA	