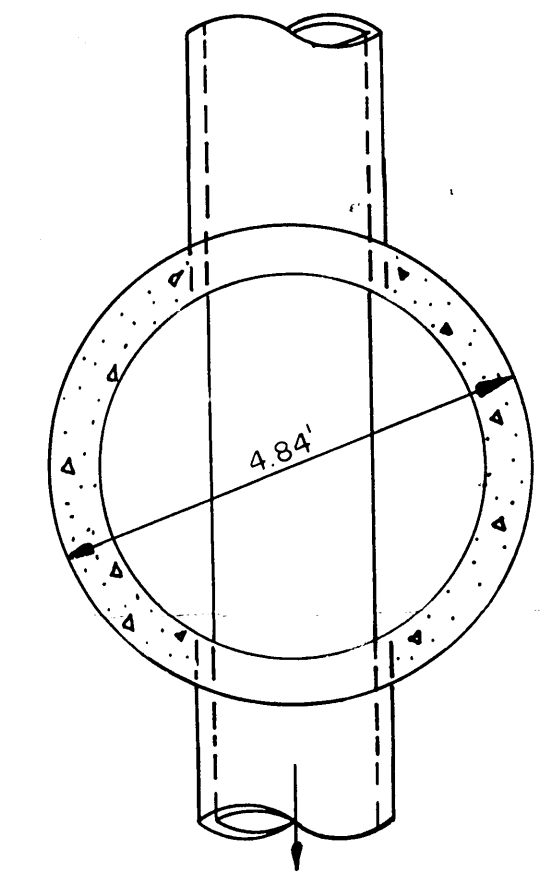
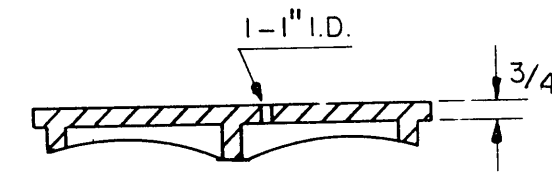
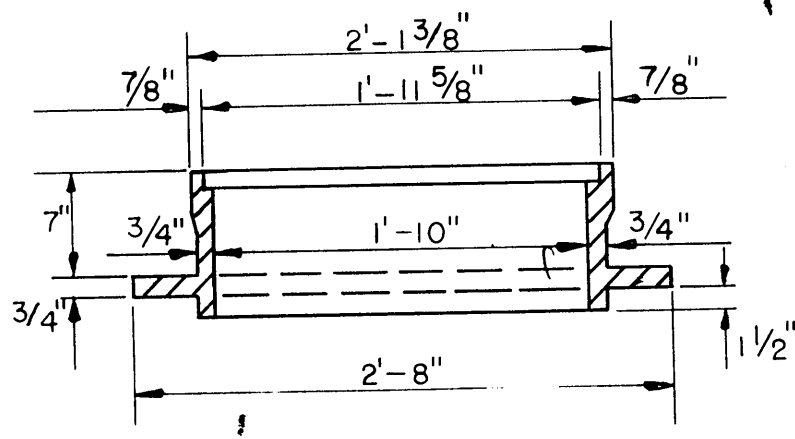
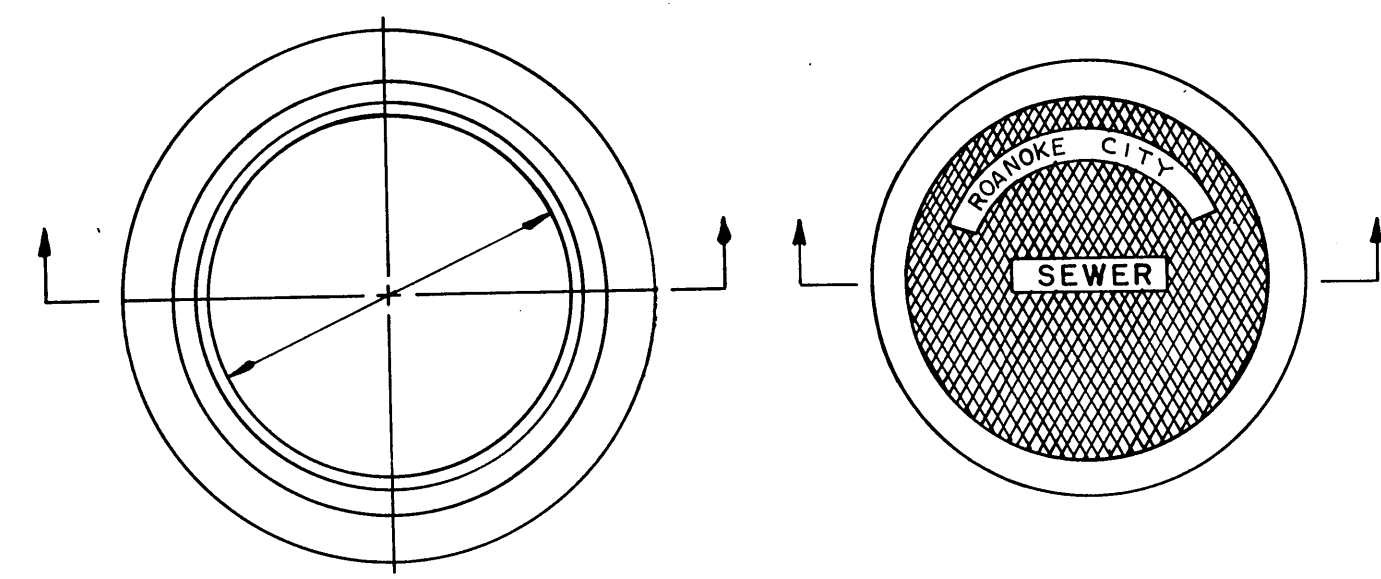


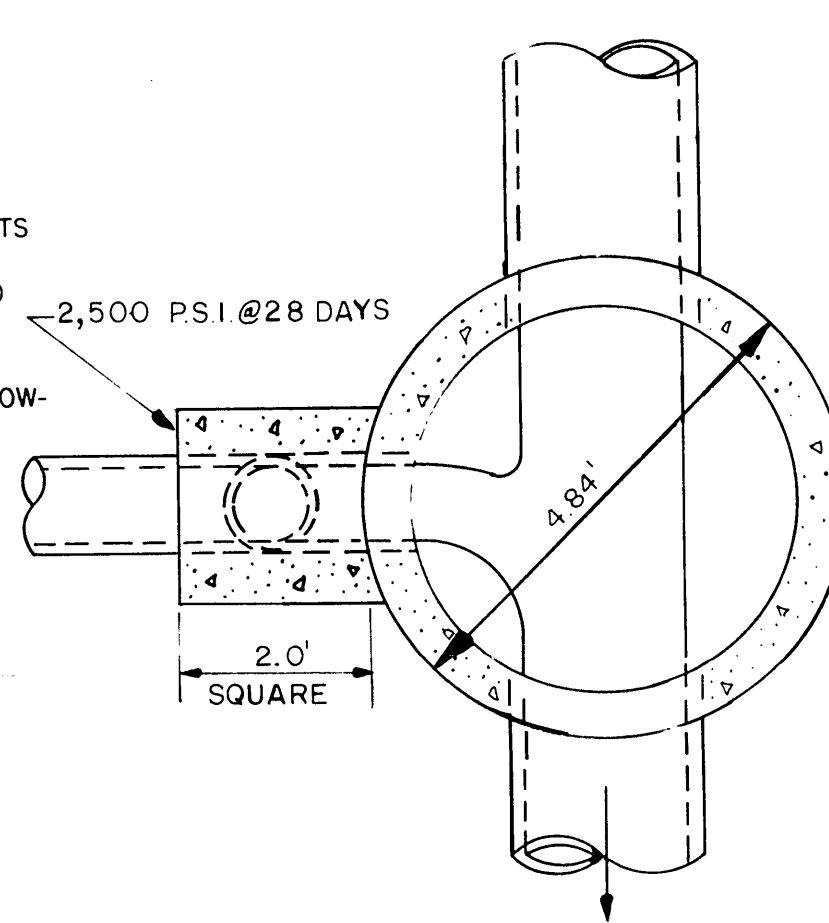
MANHOLE FRAME AND COVER

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

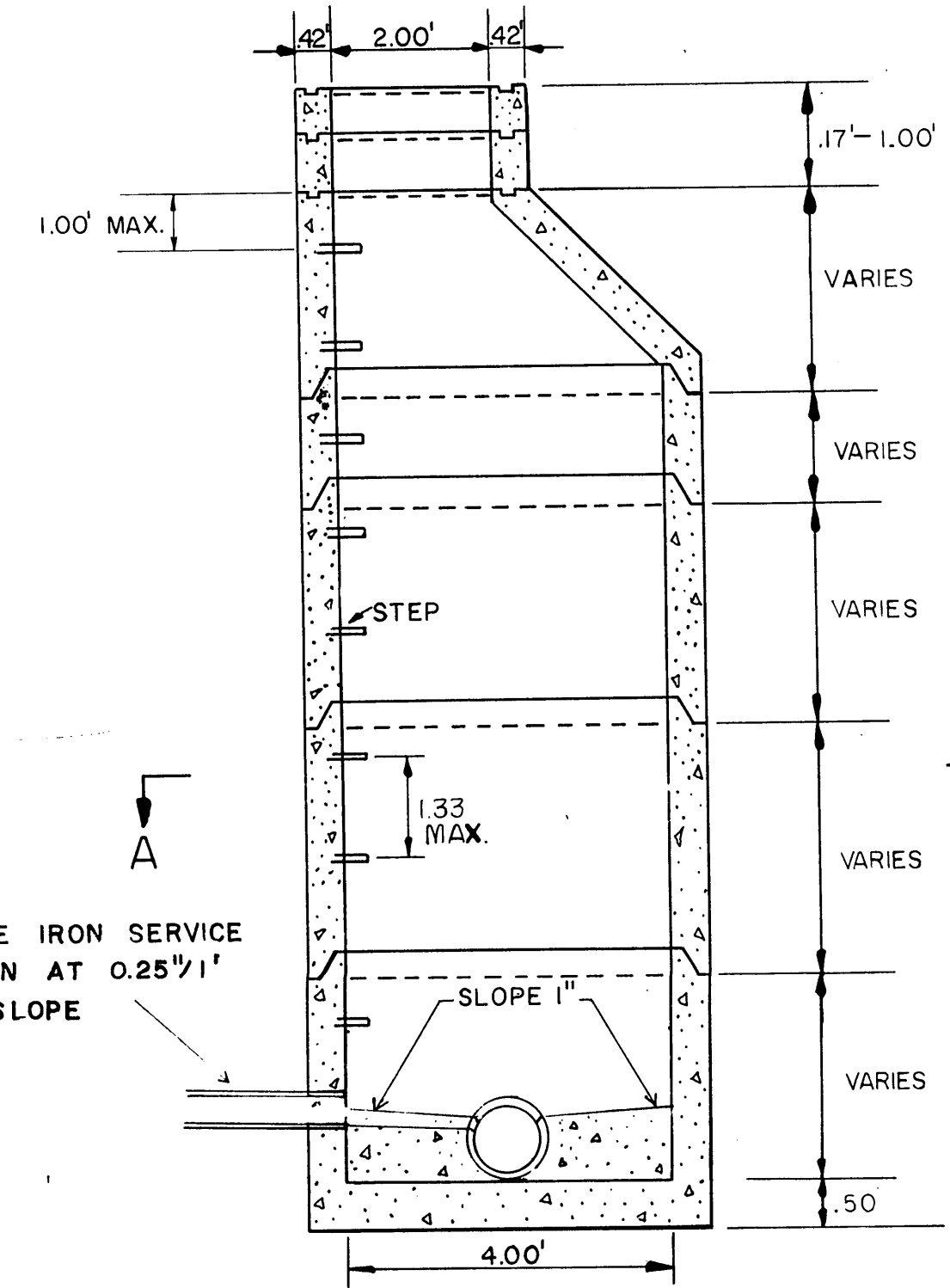


SECTION A-A
STANDARD MANHOLE

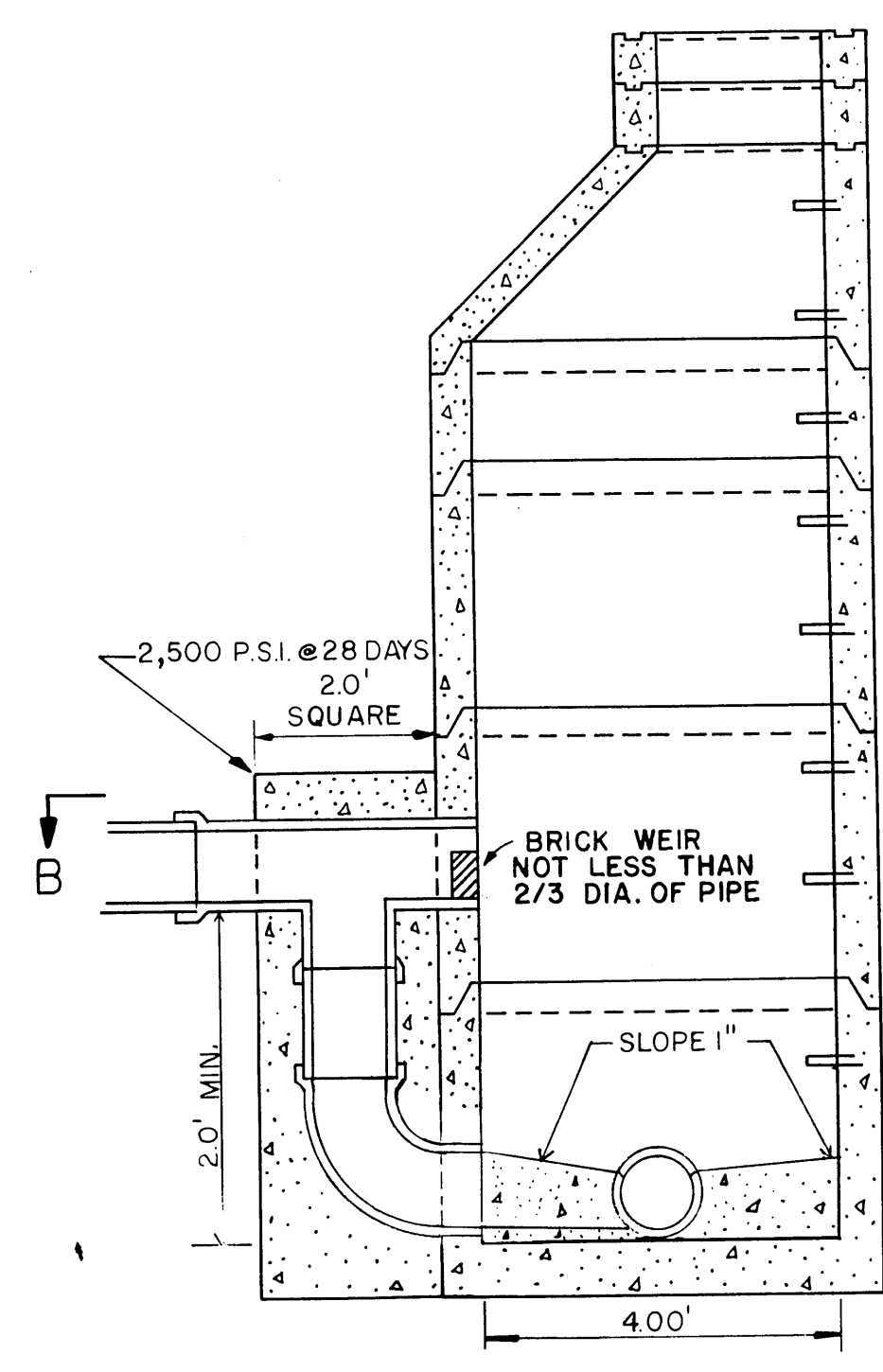
PRE-CAST MANHOLE INVERTS
WITH LASER BOWLS MUST
HAVE THEIR BOWLS FILLED
IN AND INVERTS FORMED
WITH EPOXY TO CONFORM
TO THE SHAPE OF THE INFLOW-
OUTFLOW PIPES.



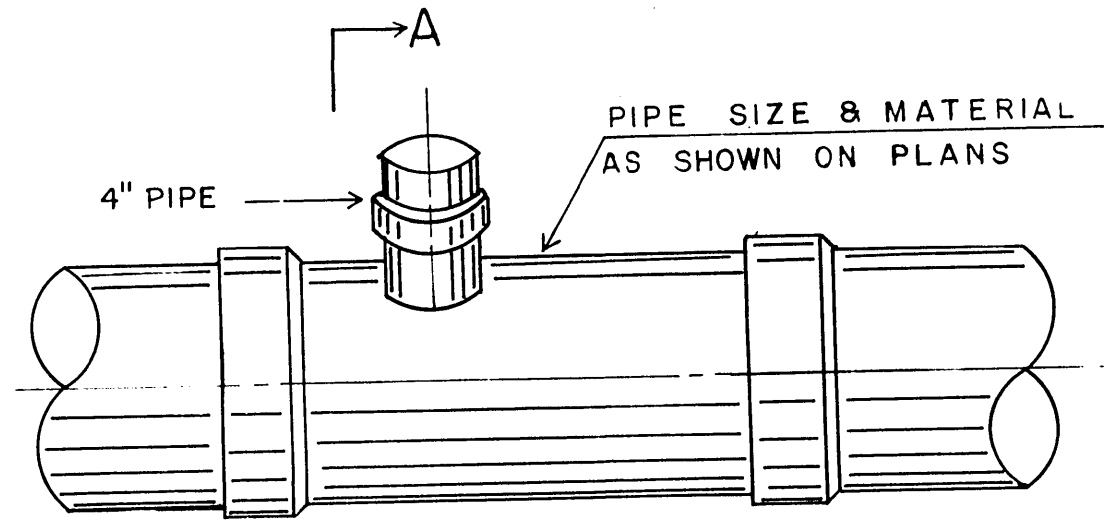
SECTION B-B
DROP MANHOLE



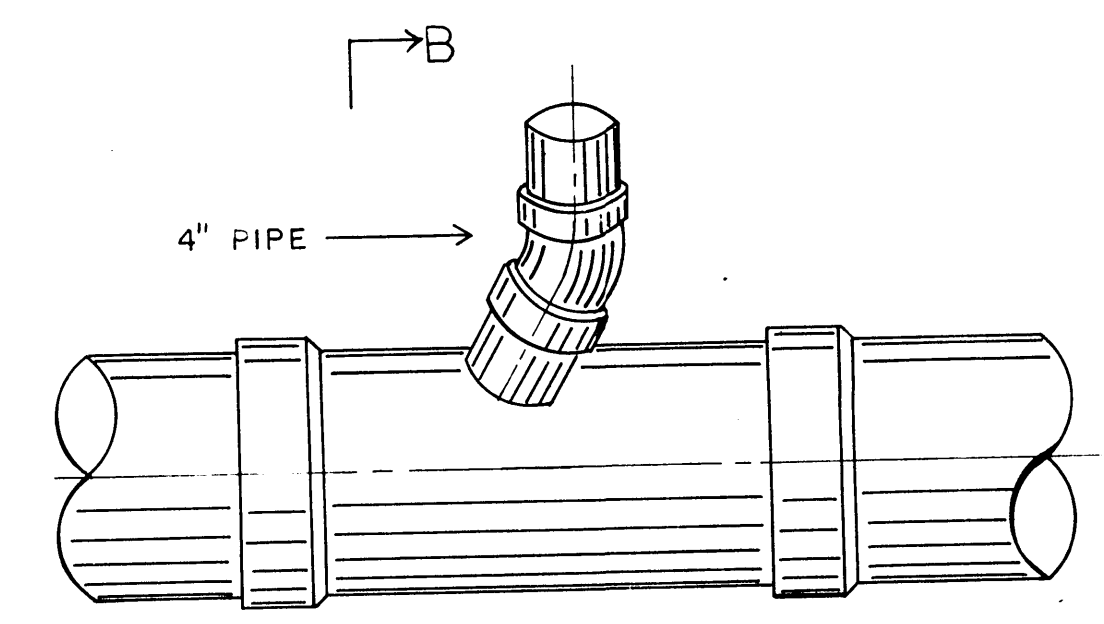
STANDARD MANHOLE



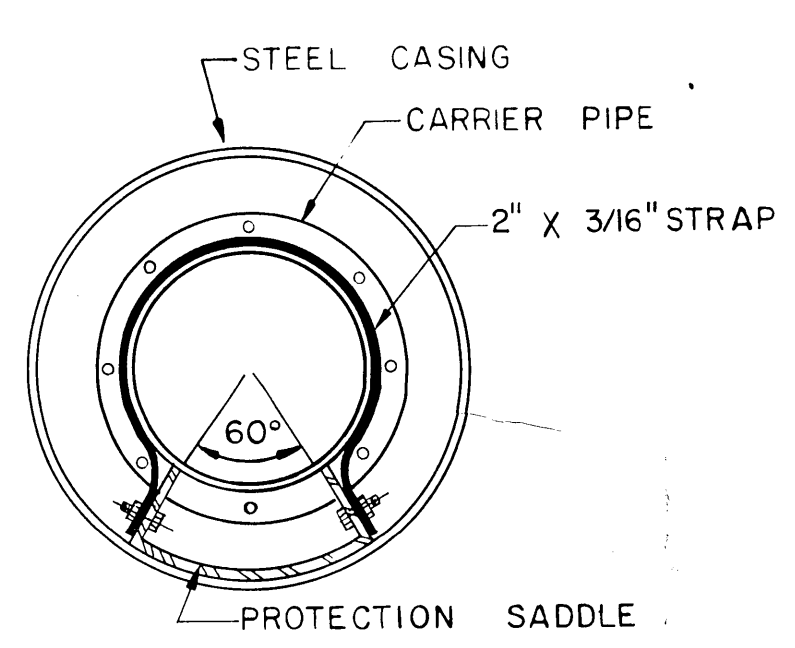
DROP MANHOLE



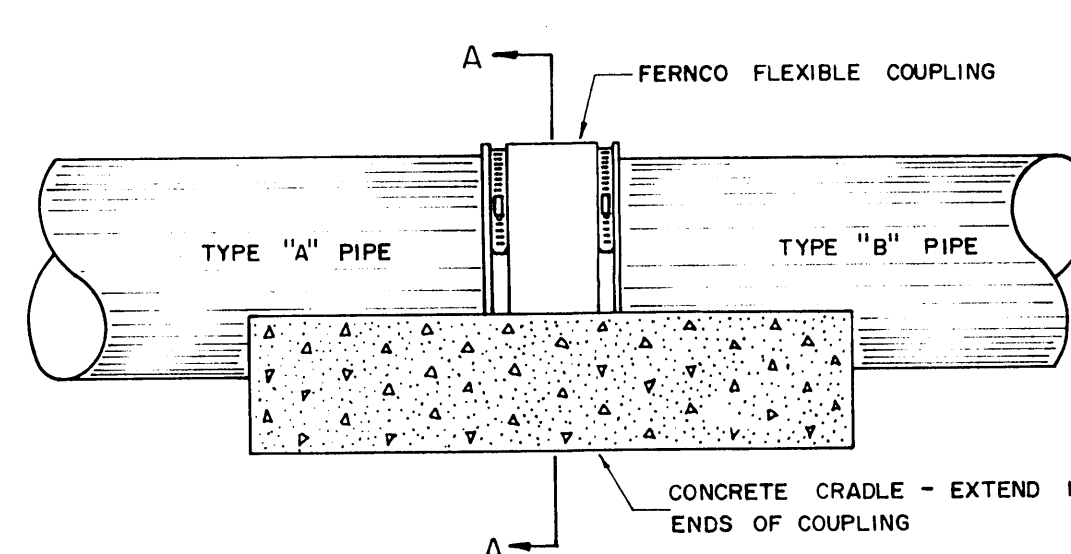
SERVICE CONNECTION "T"



SERVICE CONNECTION "WYE"

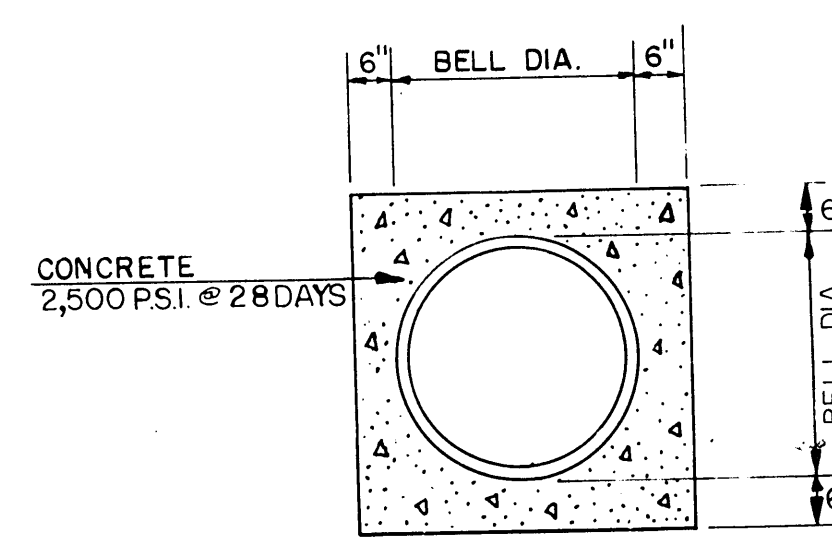


BORING AND CASING

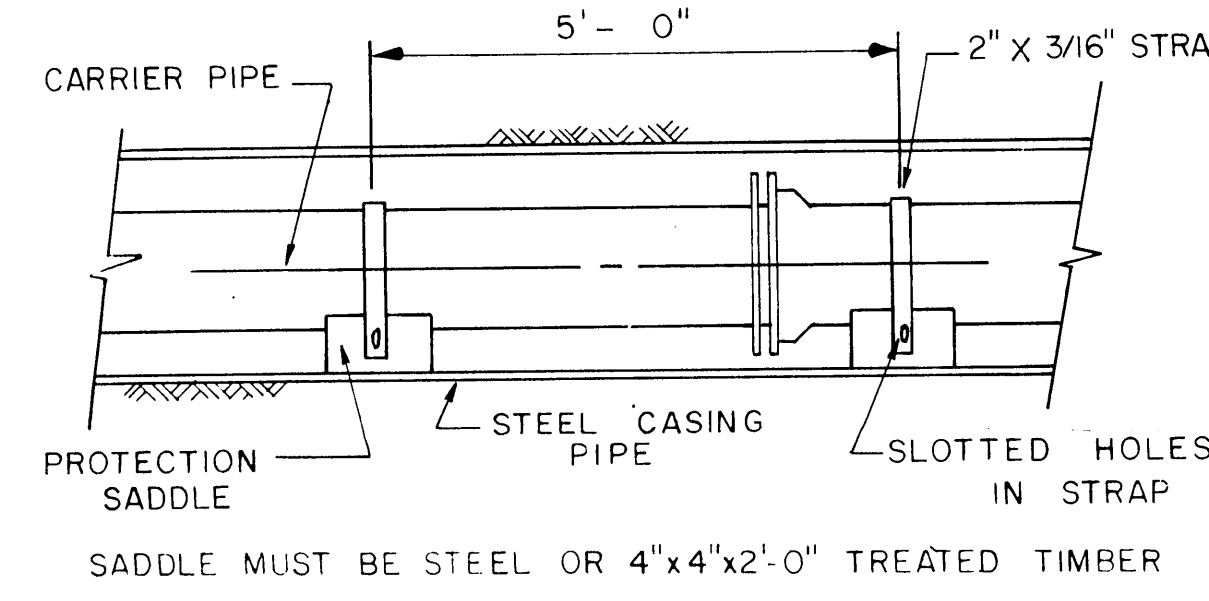


SIDE VIEW

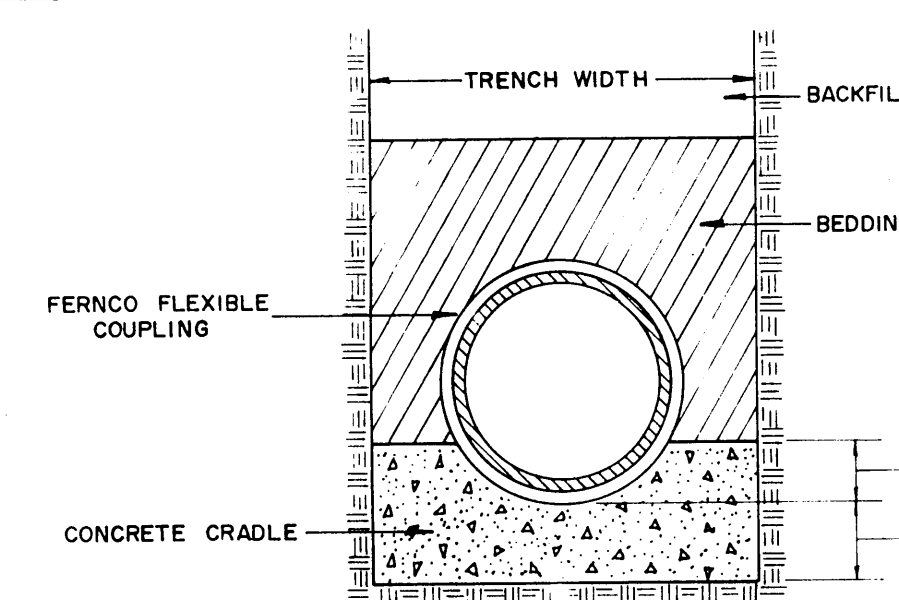
JOINING DISSIMILAR PIPE



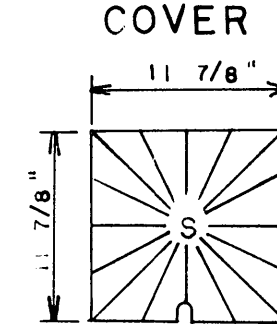
CONCRETE ENCASED
PIPE



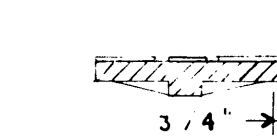
SADDLE MUST BE STEEL OR 4"x4"x2'-0" TREATED TIMBER



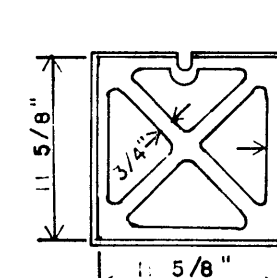
SECTION A-A



SECTION



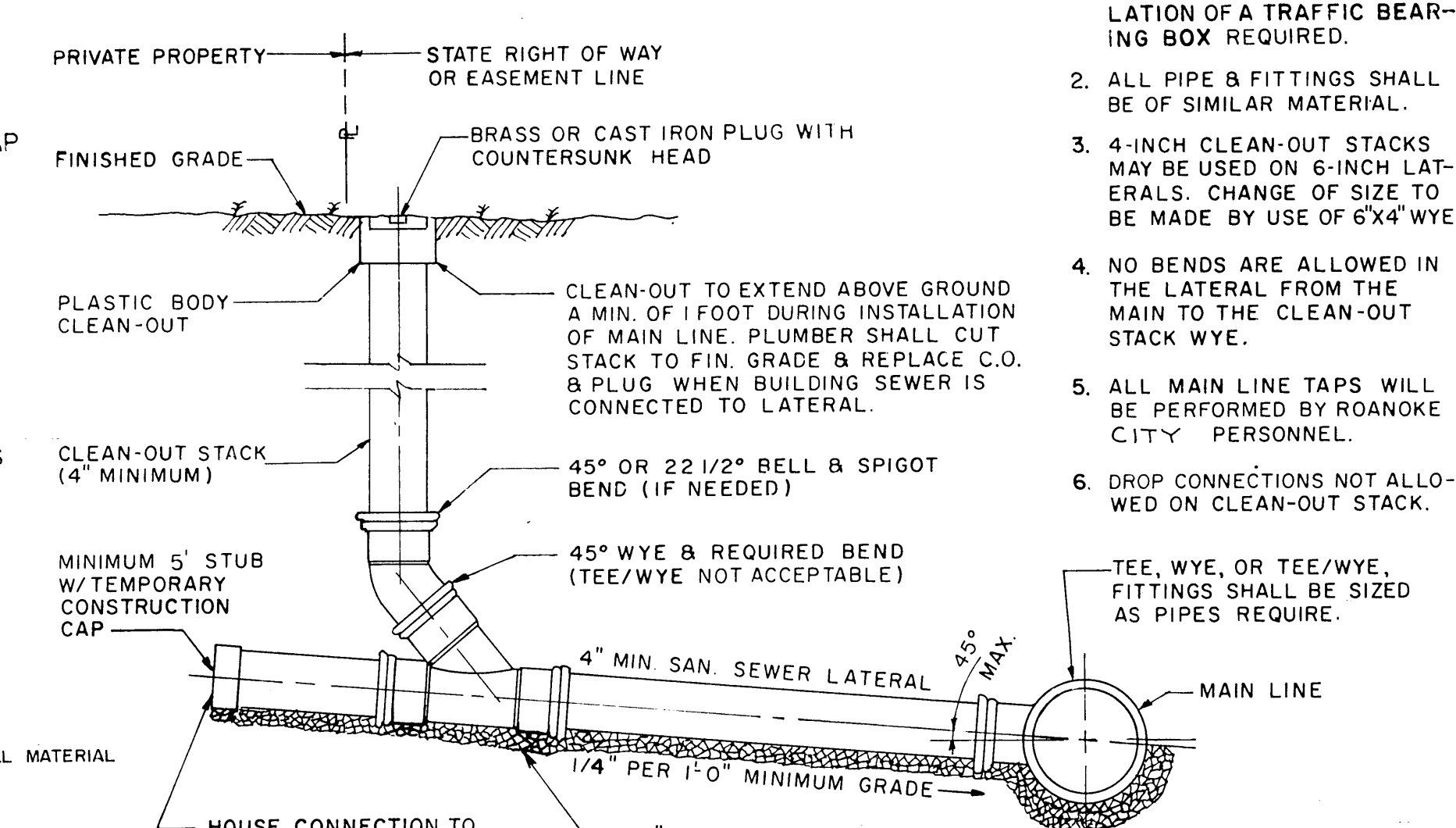
PLAN



SECTION

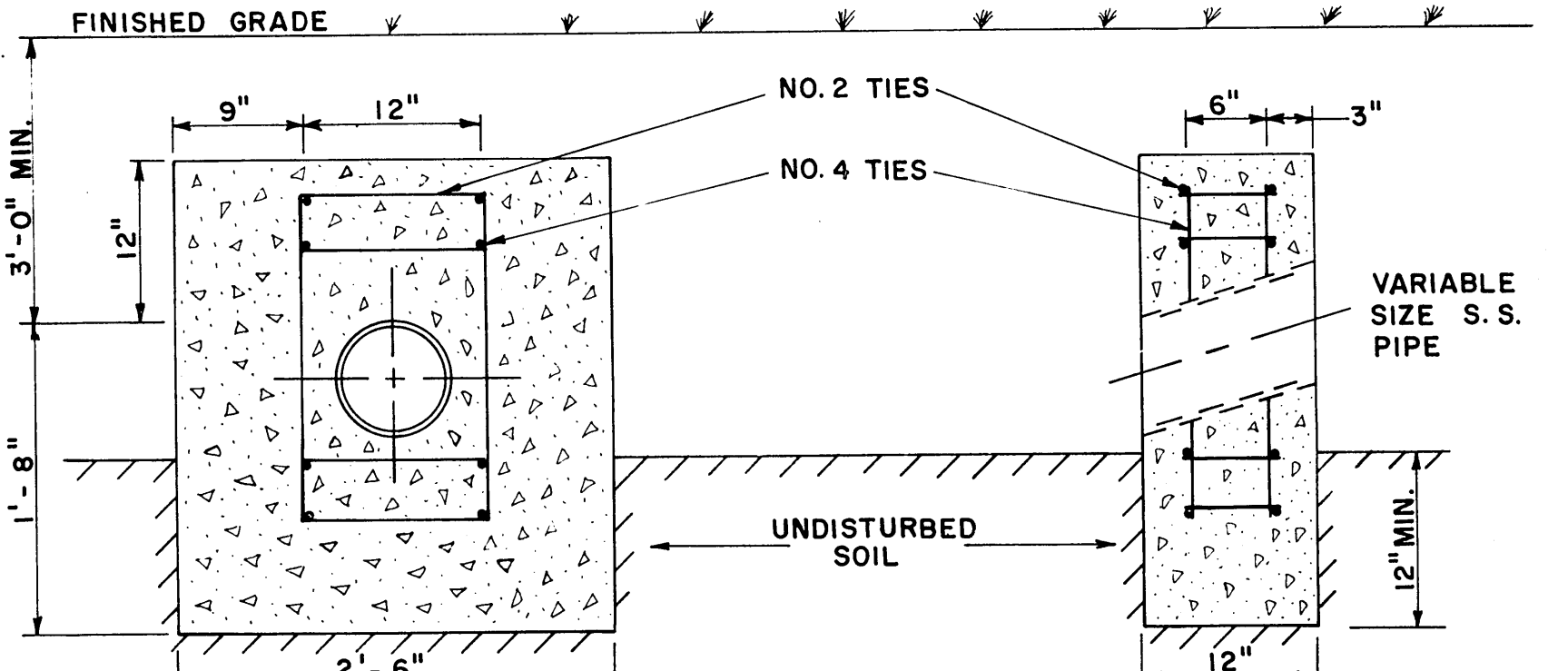
CLEAN OUT FRAME AND COVER

SCALE: 1" = 1'-0"
(TO BE USED IN TRAFFIC BEARING AREAS ONLY)



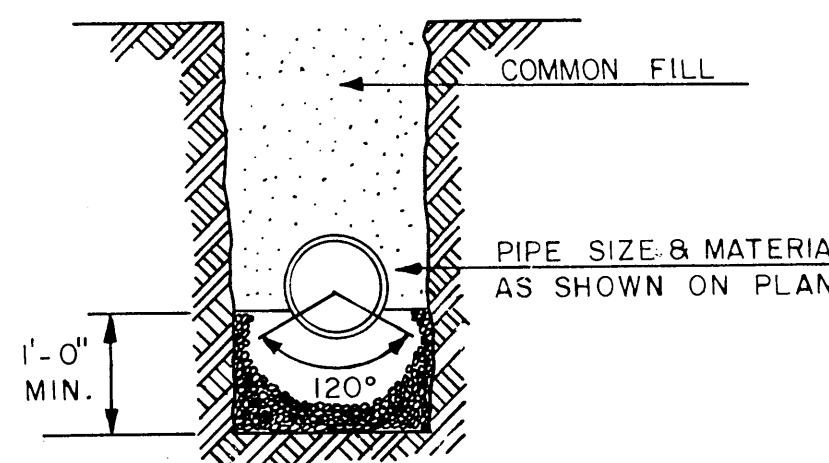
SANITARY SEWER LATERAL

SCALE: 1" = 1'-0"



ANCHOR BLOCK

SCALE: 1" = 1'-0"



STONE CRADLE

- 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 CITY PERSONNEL.
 6. DROP CONNECTIONS NOT ALLOWED ON CLEAN-OUT STACK.

SANITARY SEWER DETAILS GACEK SUBDIVISION

PROPERTY OF
JAMES D. & PAMELA M. GACEK
ROANOKE, VIRGINIA

FEB. 15, 1988

DESIGNED BY

DRAWN BY

CHECKED BY

W.O. # 88-0075

N.B. BH-13

T. P. PARKER & SON
engineers & surveyors, Ltd.

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