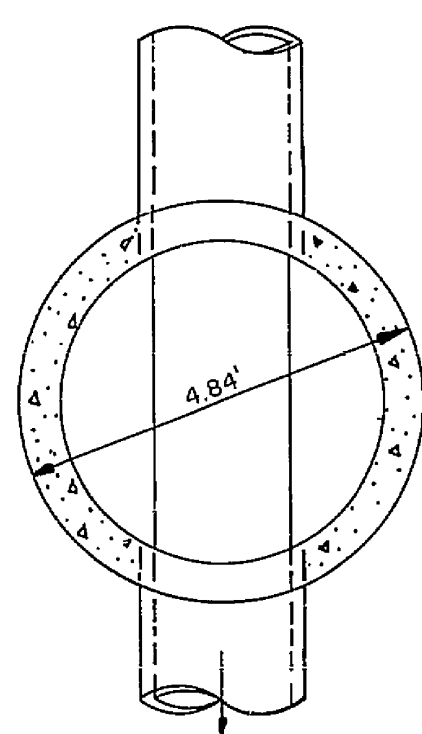
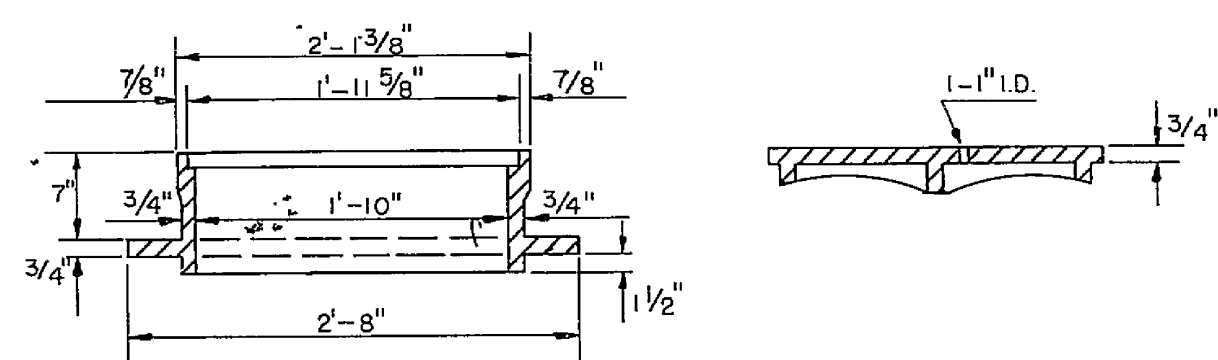
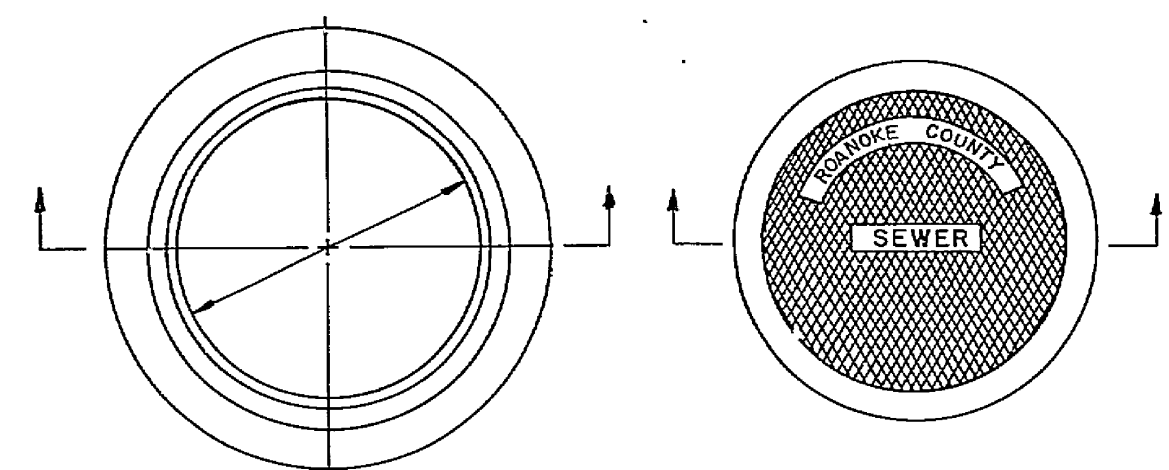
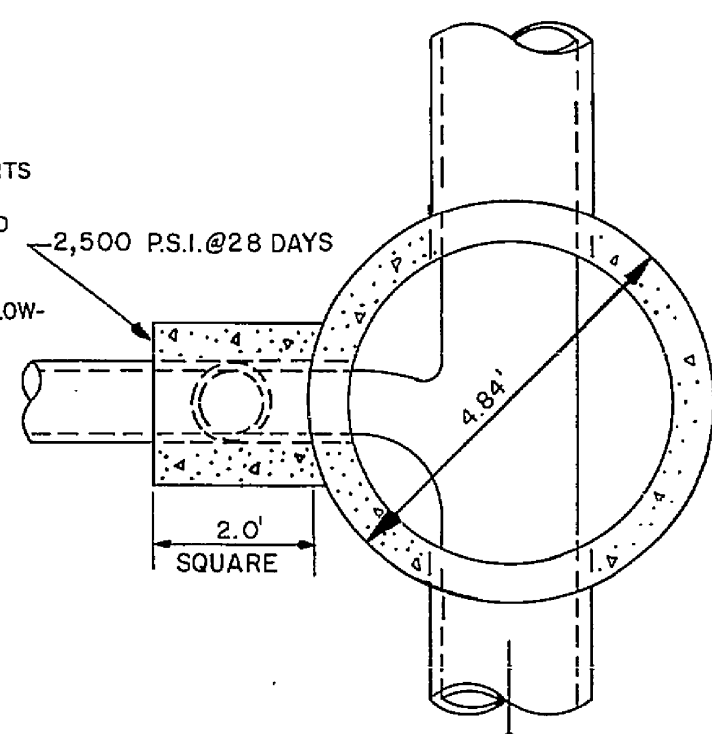


MANHOLE FRAME AND COVER

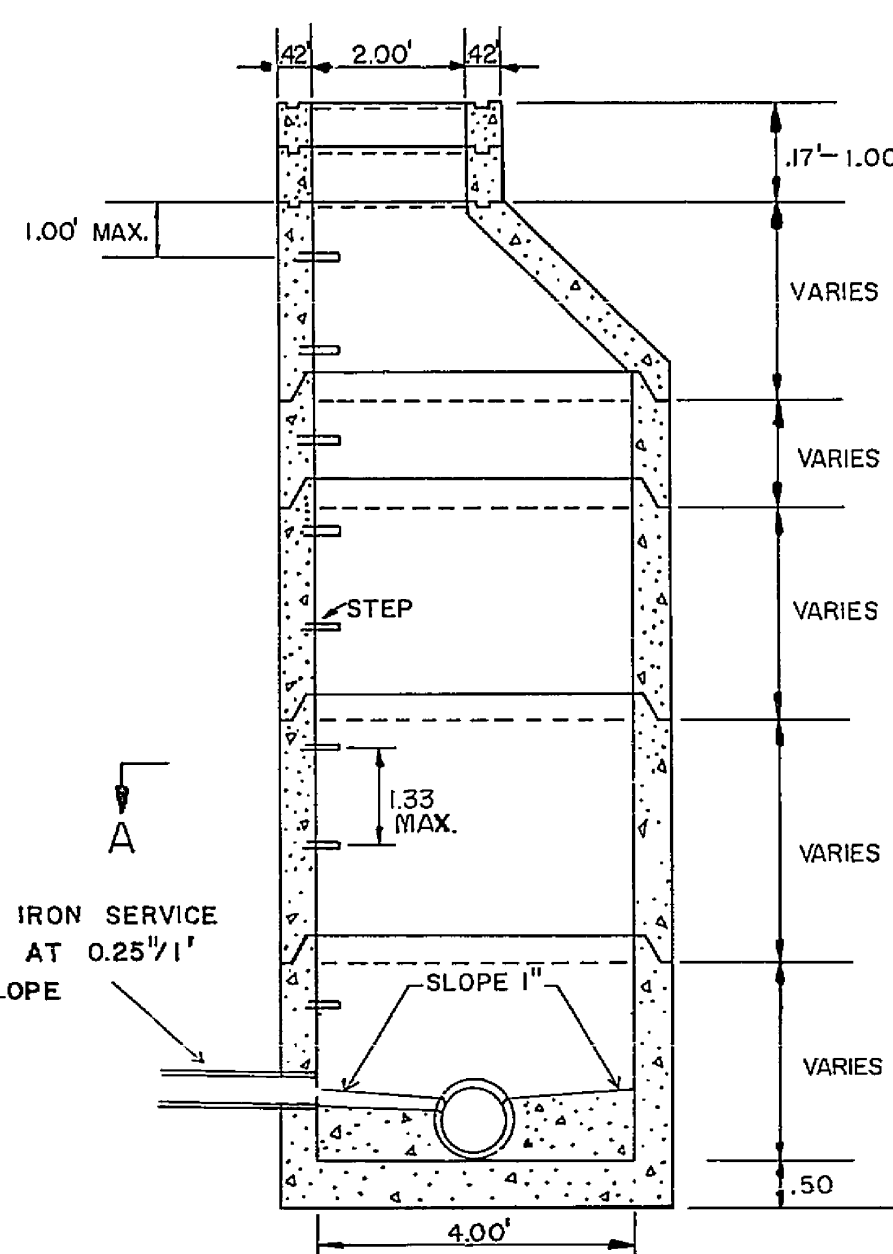
RICHARD FOUNDRY CO. DESIGN NO. B-1444,
DEWEY BROS., INC. MH-RCR-56, OR EQUIVALENT



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.

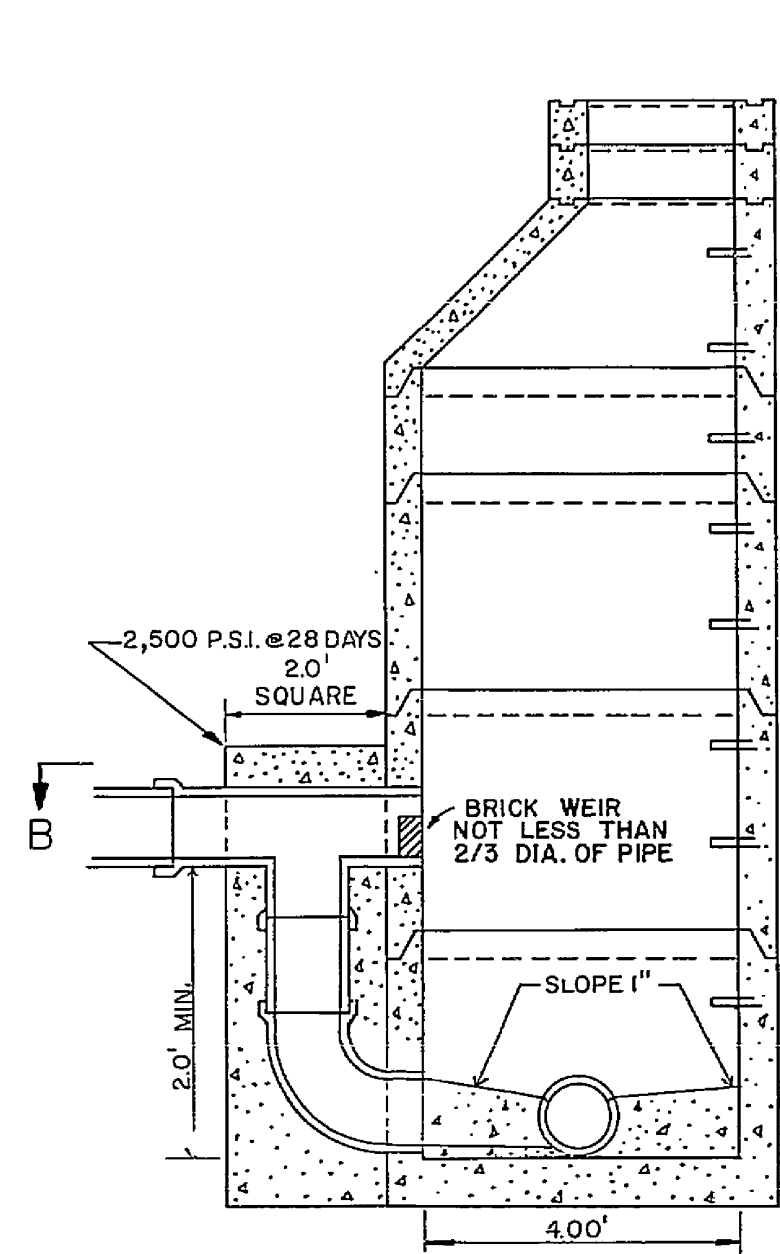


SECTION A-A STANDARD MANHOLE

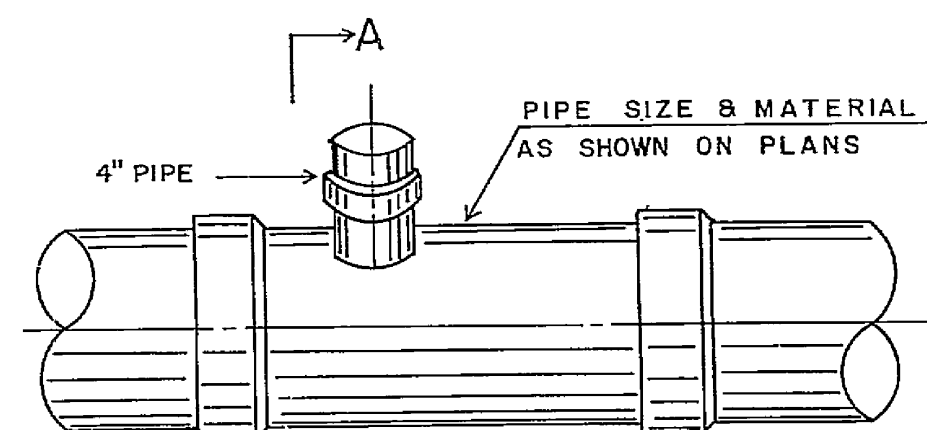


STANDARD MANHOLE

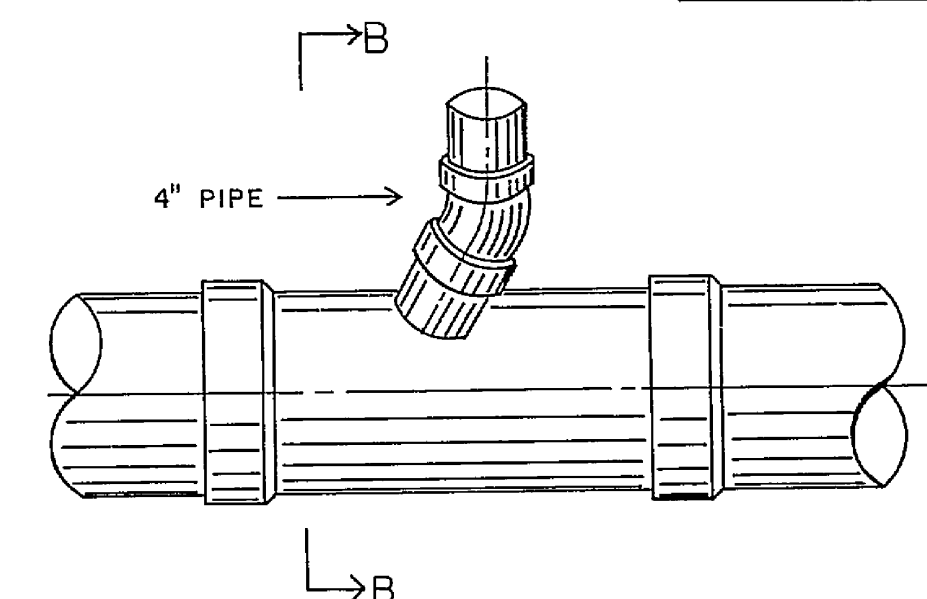
SECTION B-B DROP MANHOLE



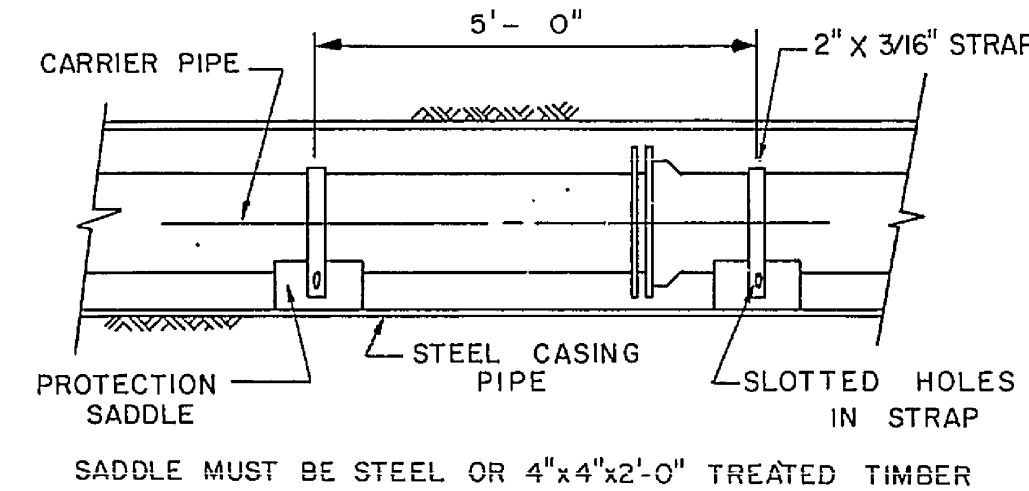
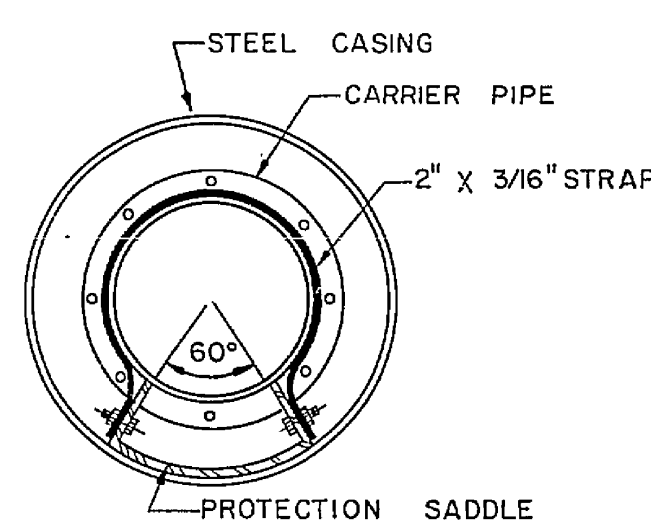
DROP MANHOLE



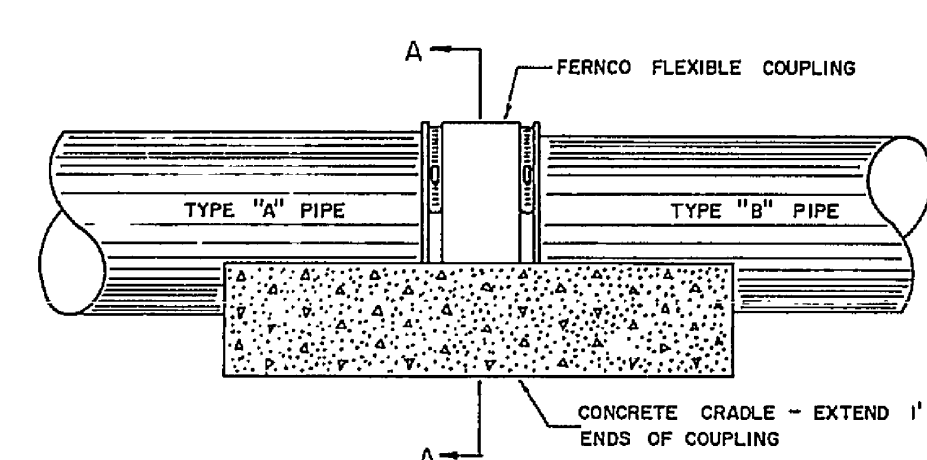
SERVICE CONNECTION "T"



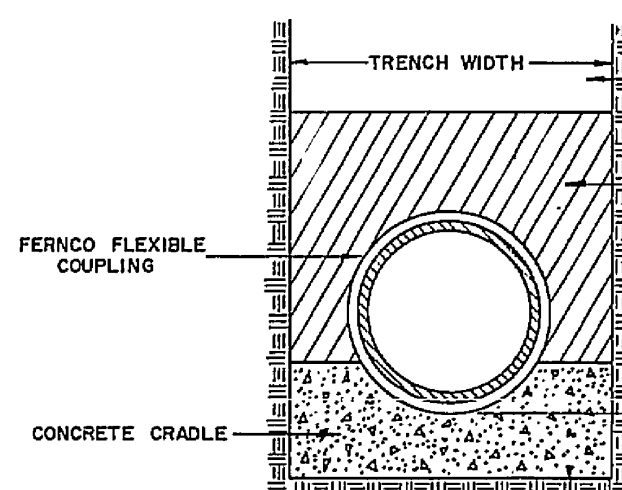
SERVICE CONNECTION "WYE"



BORING AND CASING

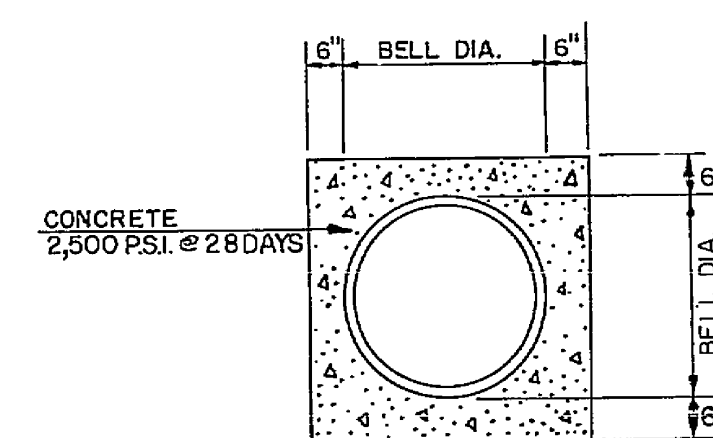


SIDE VIEW

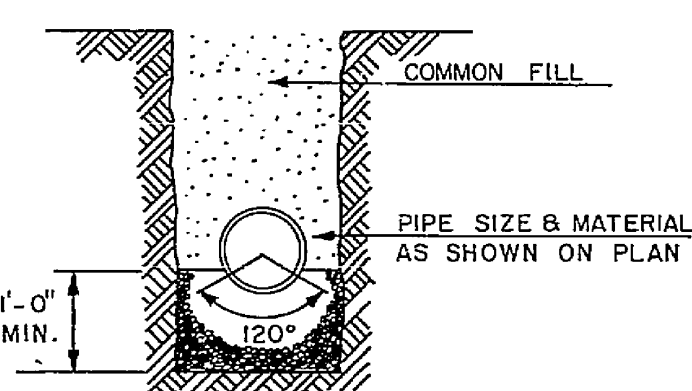


SECTION A-A

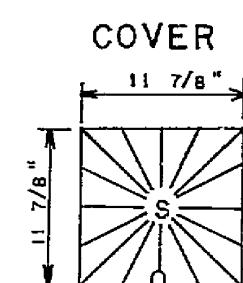
JOINING DISSIMILAR PIPE



CONCRETE ENCASED PIPE

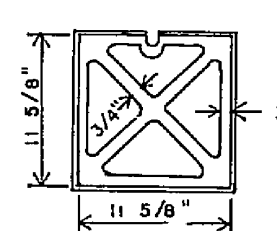


STONE CRADLE



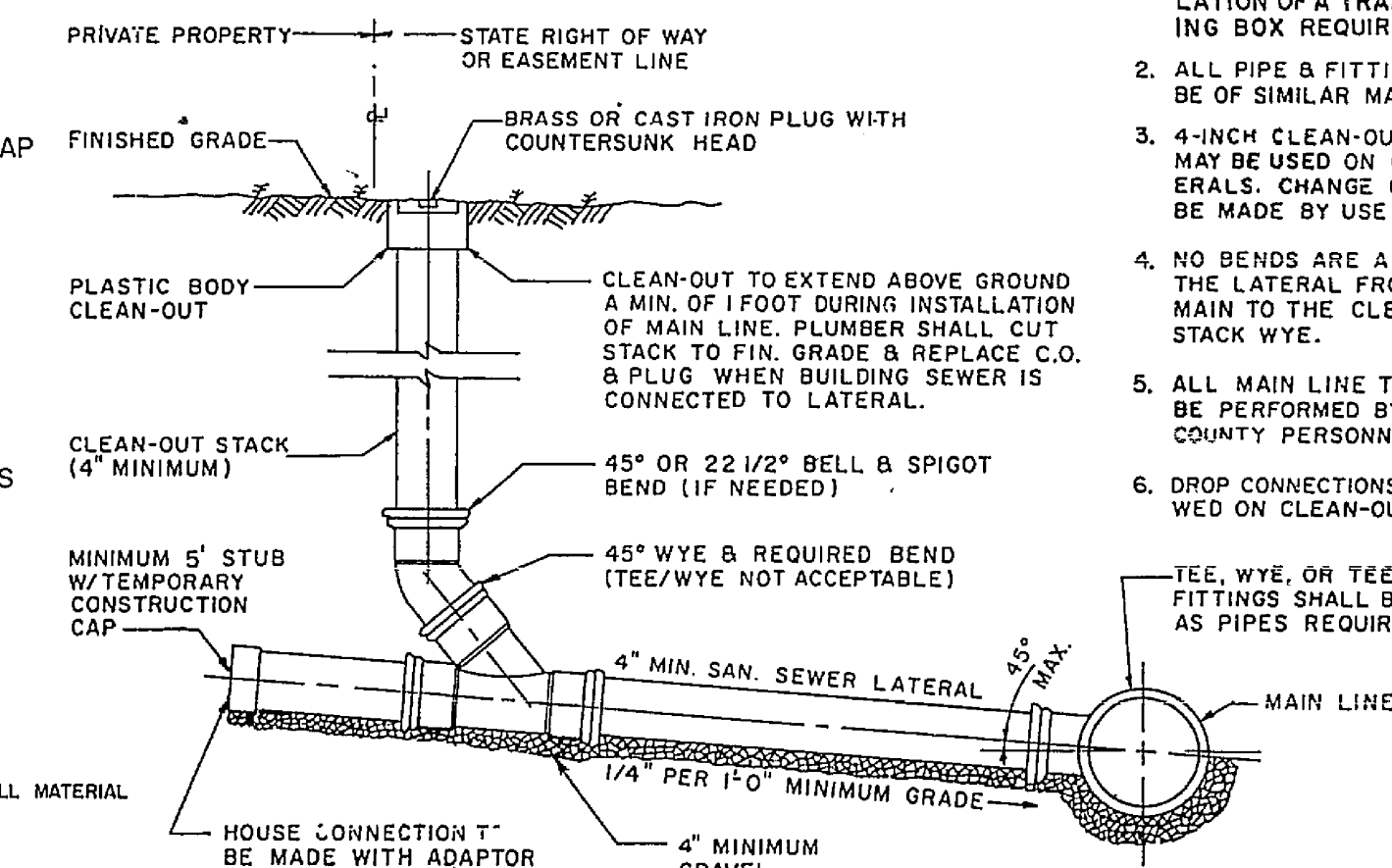
SECTION

PLAN



CLEAN OUT FRAME AND COVER

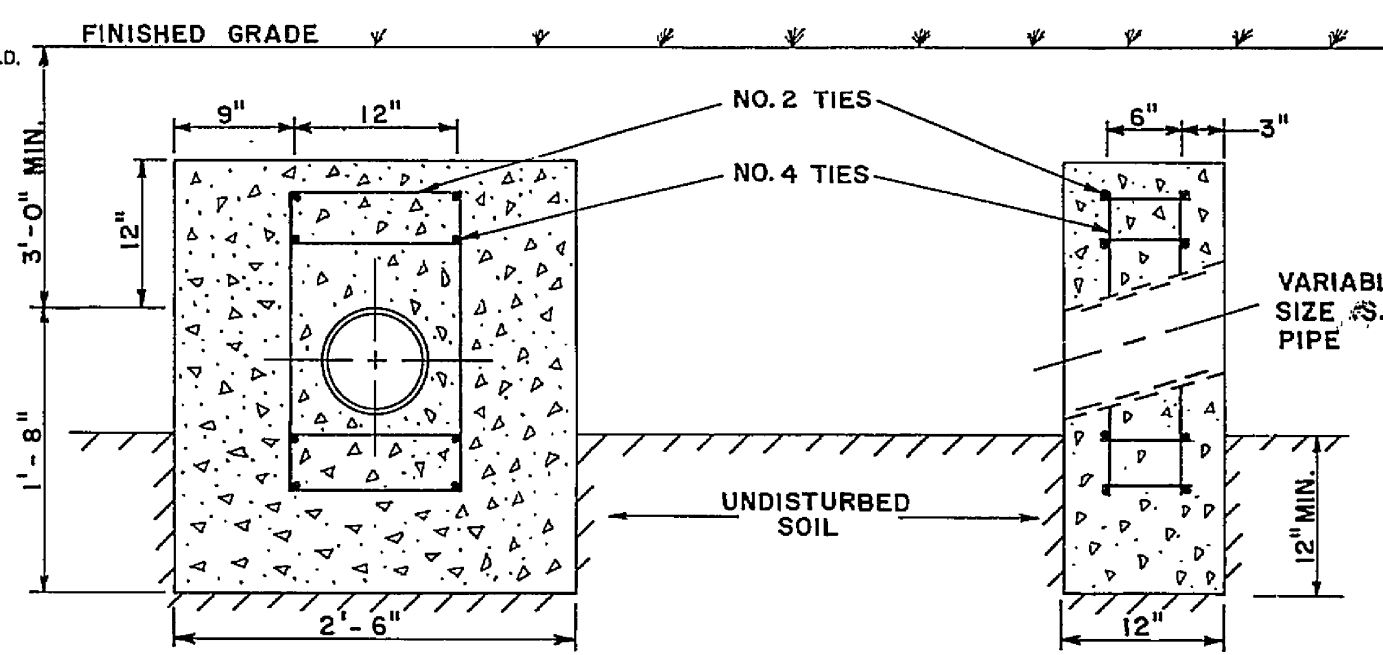
SCALE: 1"=1'-0"



- 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 6X4 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.

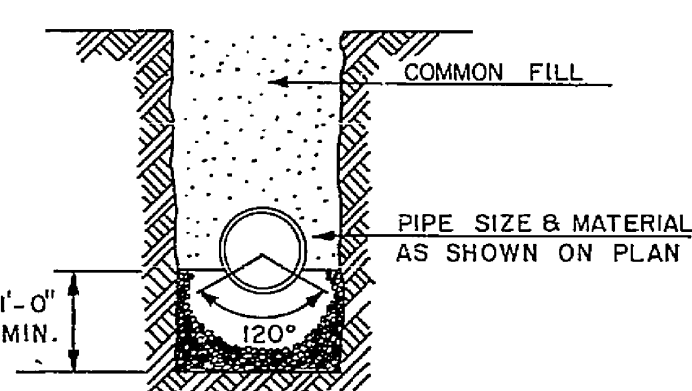
SANITARY SEWER LATERAL

SCALE: 1"=1'-0"



ANCHOR BLOCK

SCALE: 1"=1'-0"



SANITARY SEWER DETAILS WILLIAMSBURG COURT

PROPERTY OF
ROANOKE LAND DEVELOPMENT CORP.
ROANOKE COUNTY, VIRGINIA
DATE: MARCH 17, 1988

DESIGNED BY R.C.D.P.
DRAWN BY R.C.D.P.
CHECKED BY J.W.J.
NO. 87-2077
M.R. J.R.-44

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

TELEPHONE (703) 367-1153
R.O. DRAWER 473, SALEM, VIRGINIA 24153

PC-0320 SHEET C-10 OF 10

