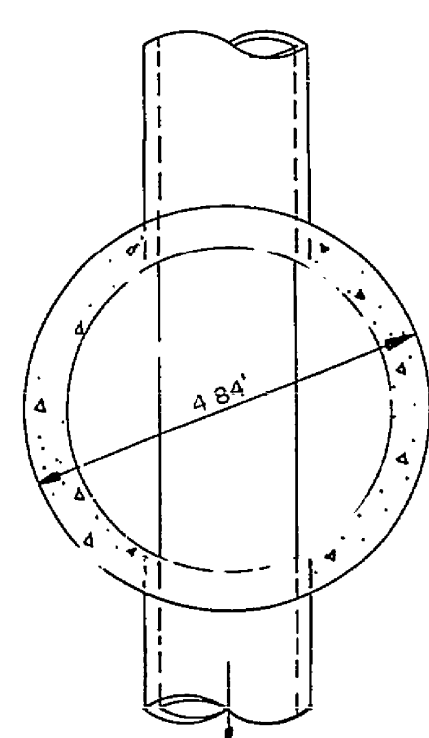
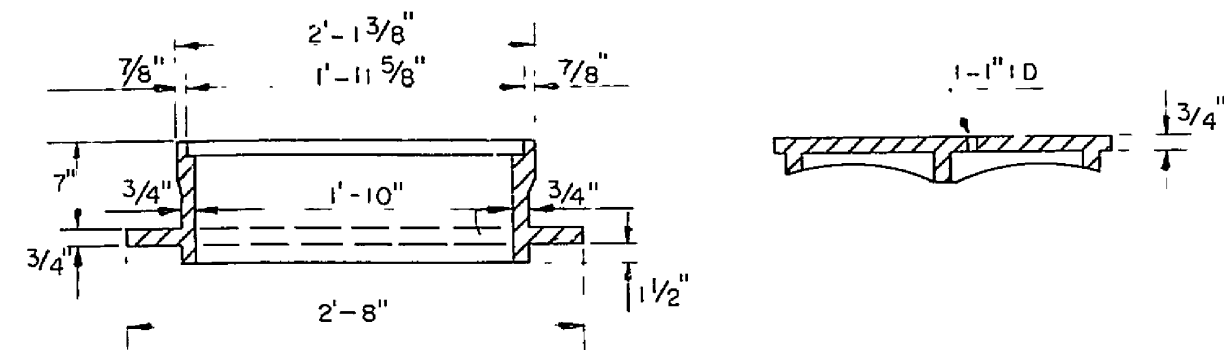
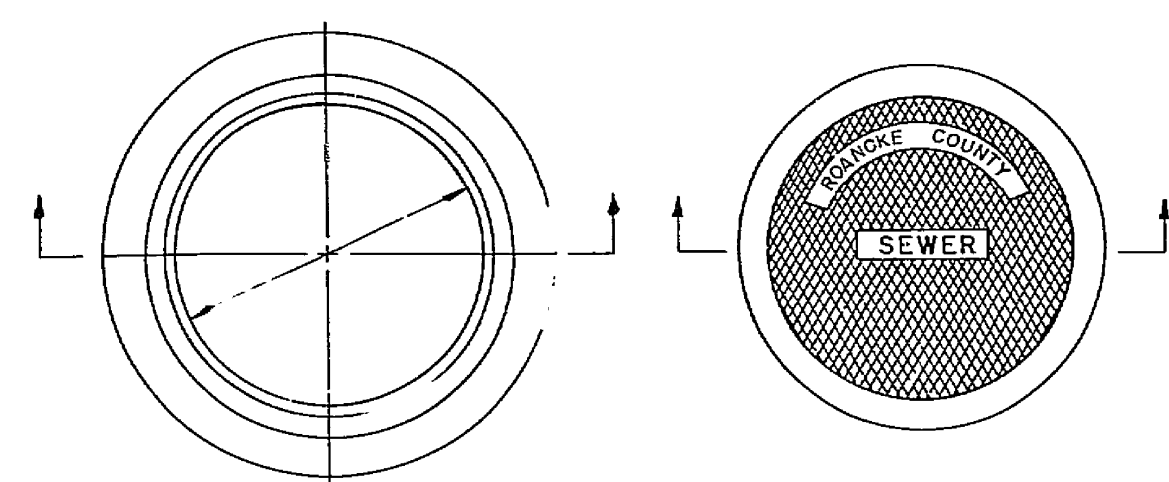
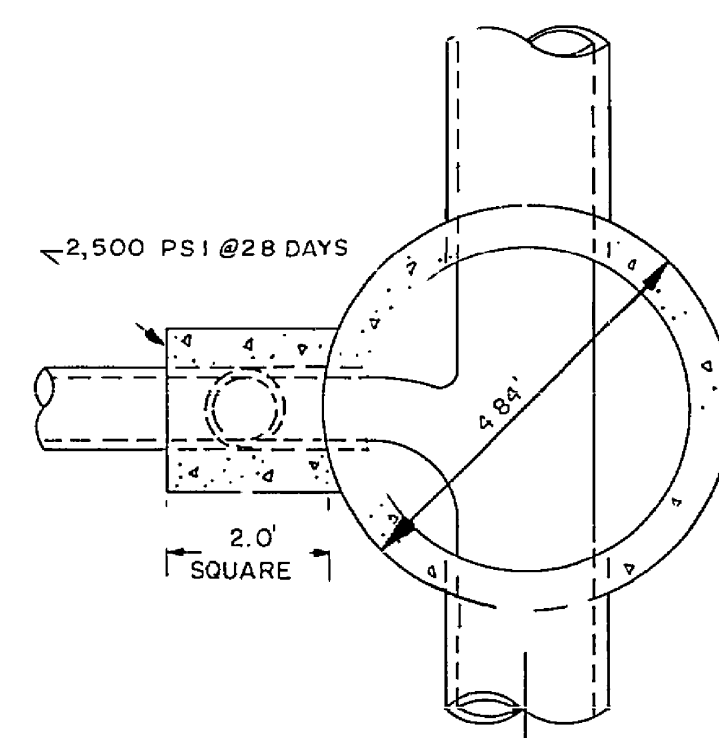


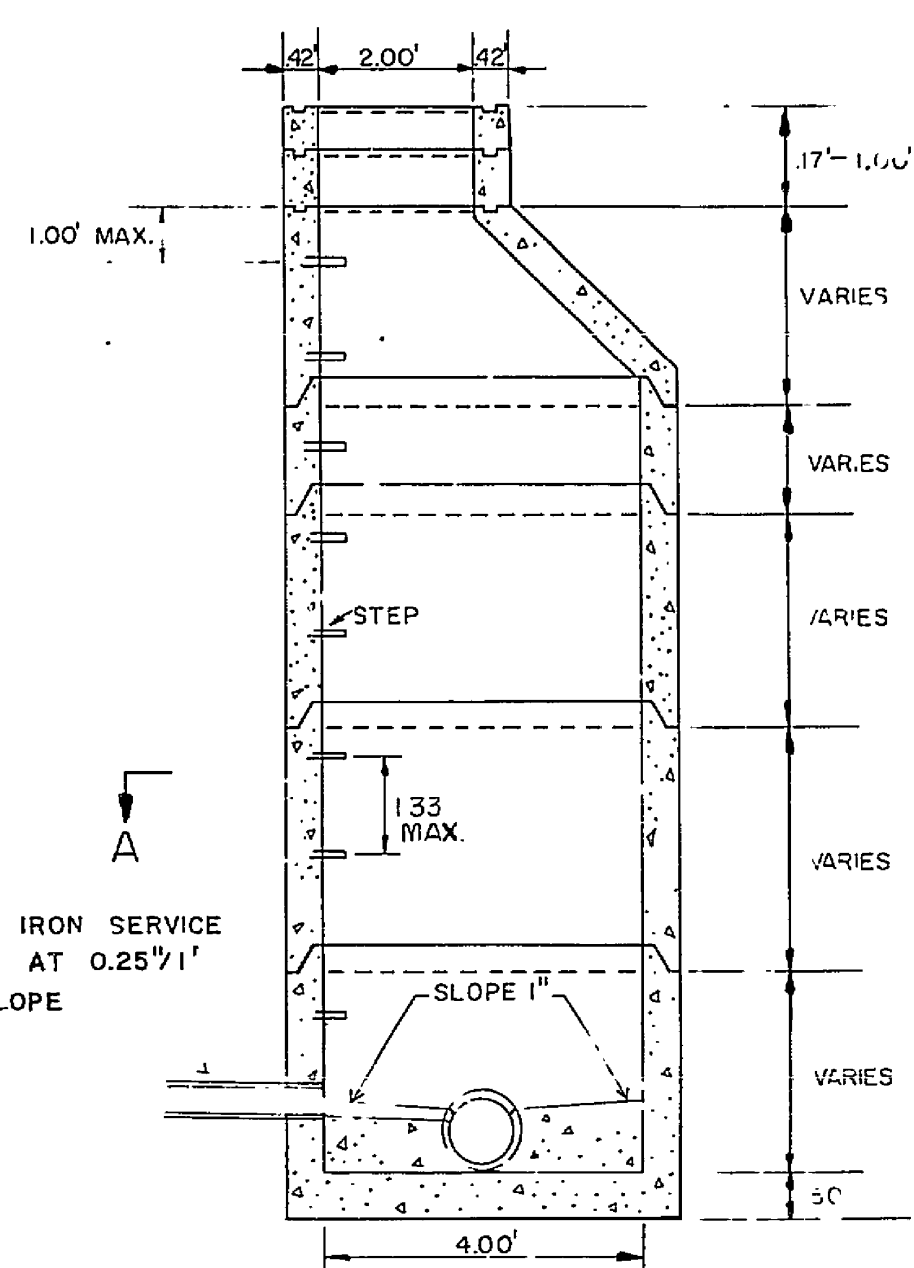
MANHOLE FRAME AND COVER
 RICHARD FOUNDRY CO. DESIGN NO. B-1444,
 DEWEY BROS., INC. MH-RCR-56, OR EQUIVALENT



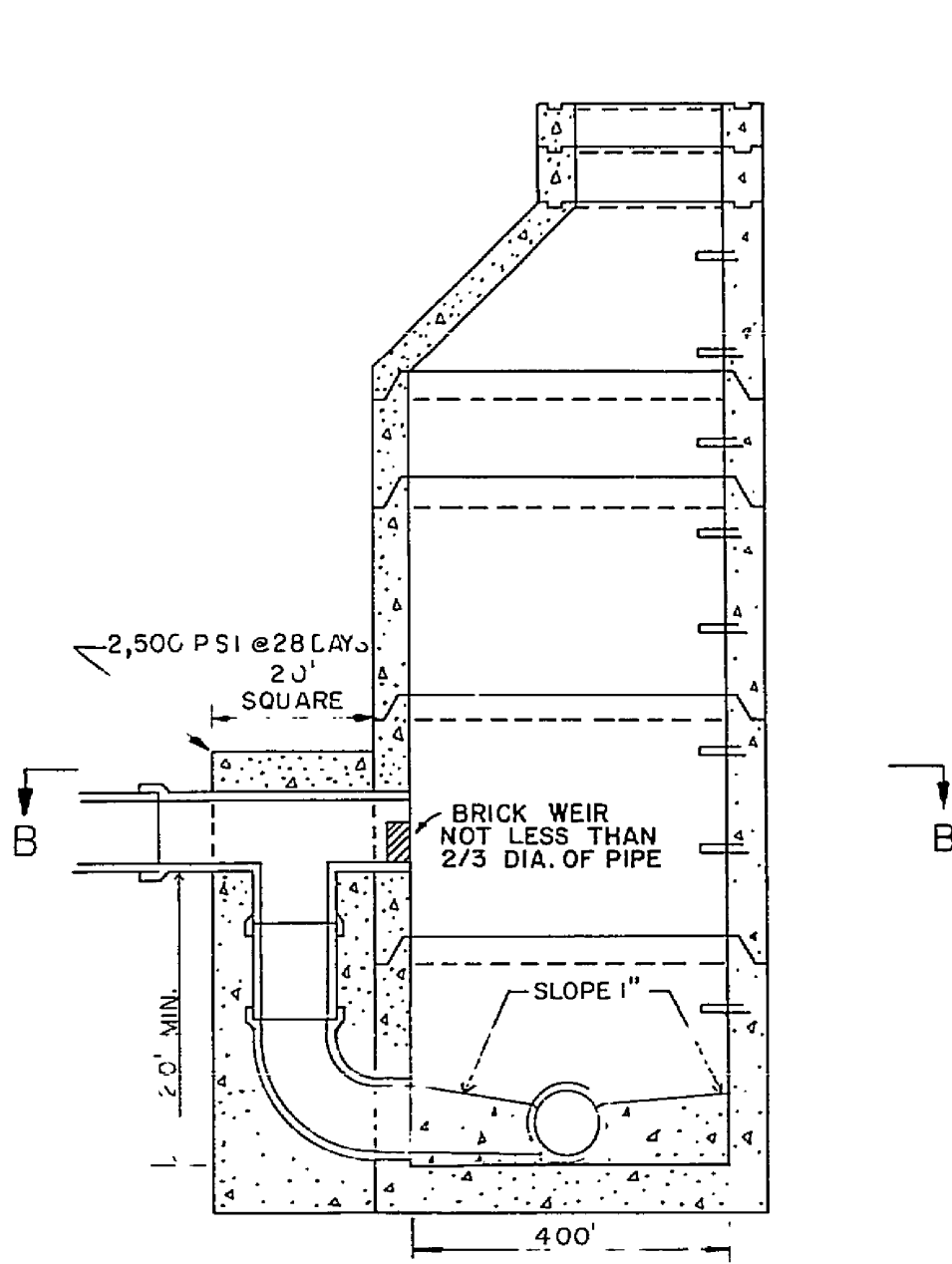
SECTION A-A
 STANDARD MANHOLE



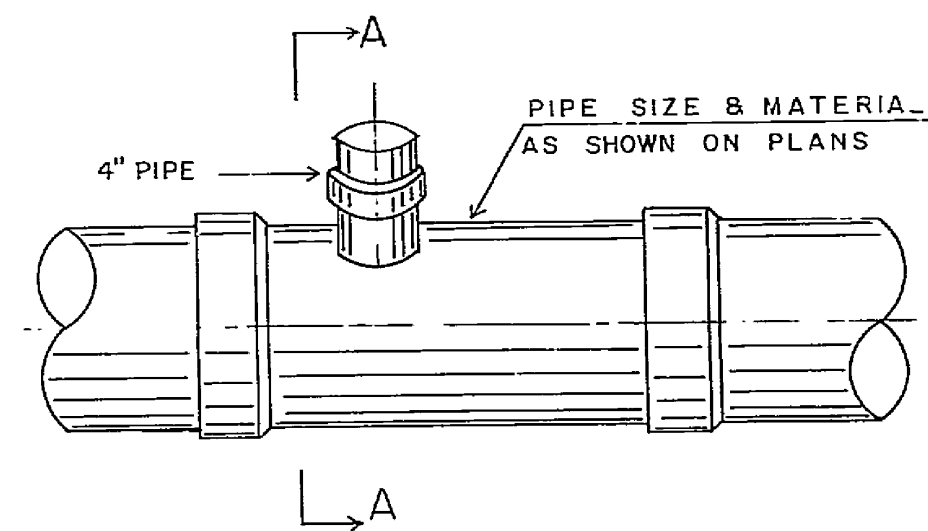
SECTION B-B
 DROP MANHOLE



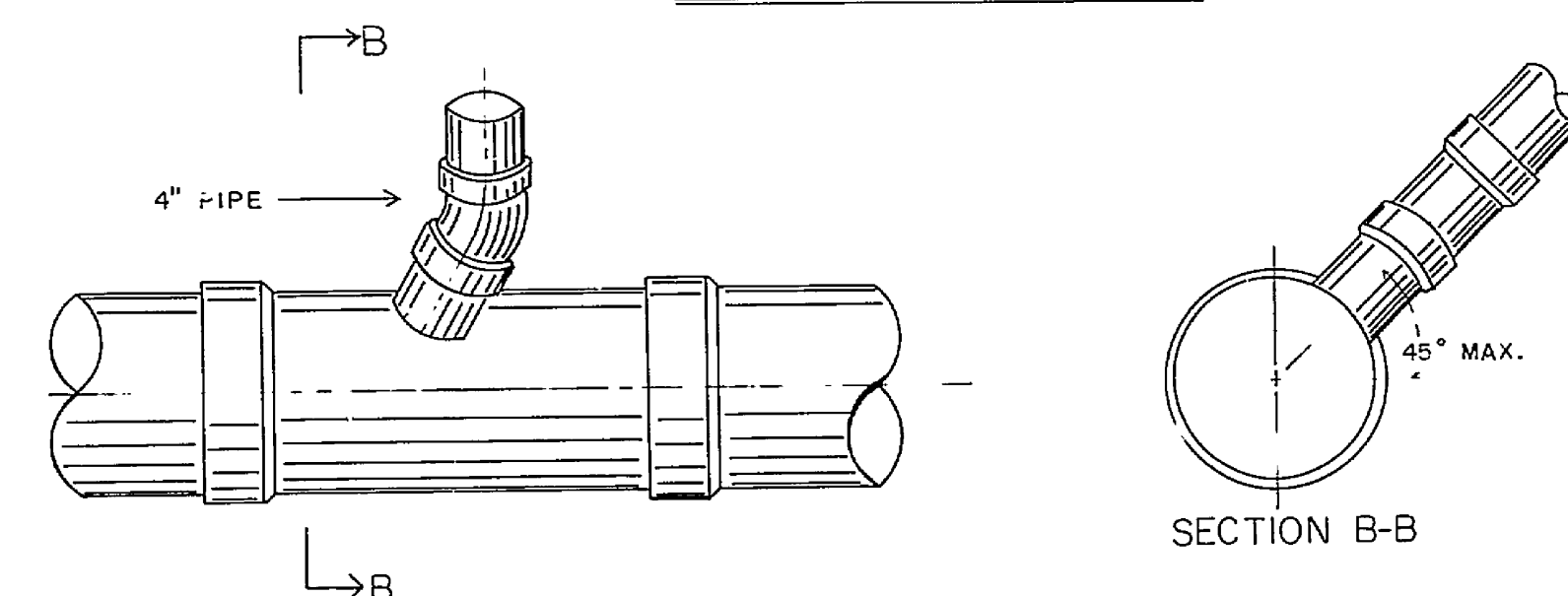
STANDARD MANHOLE



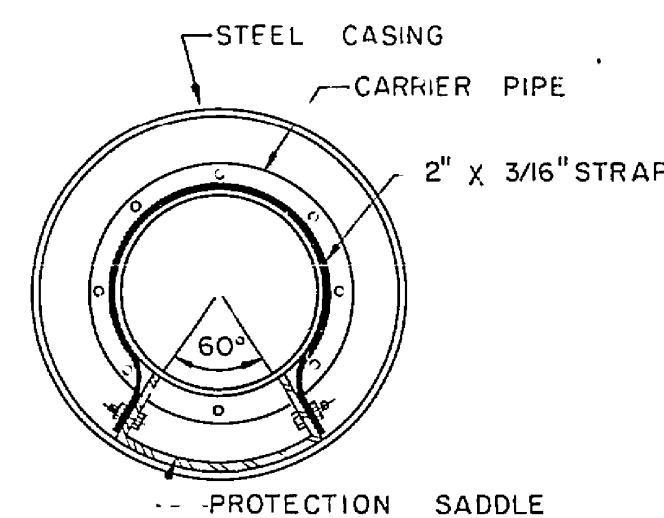
DROP MANHOLE



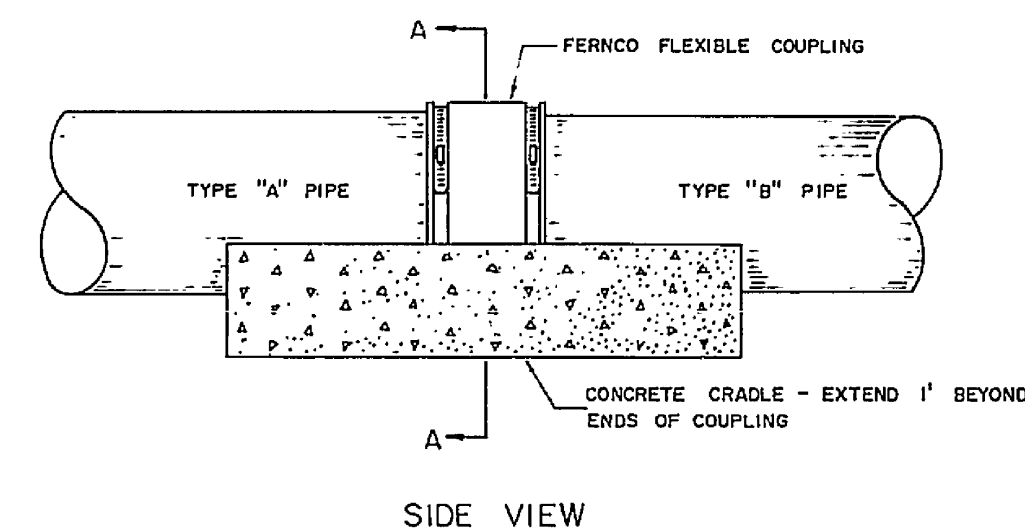
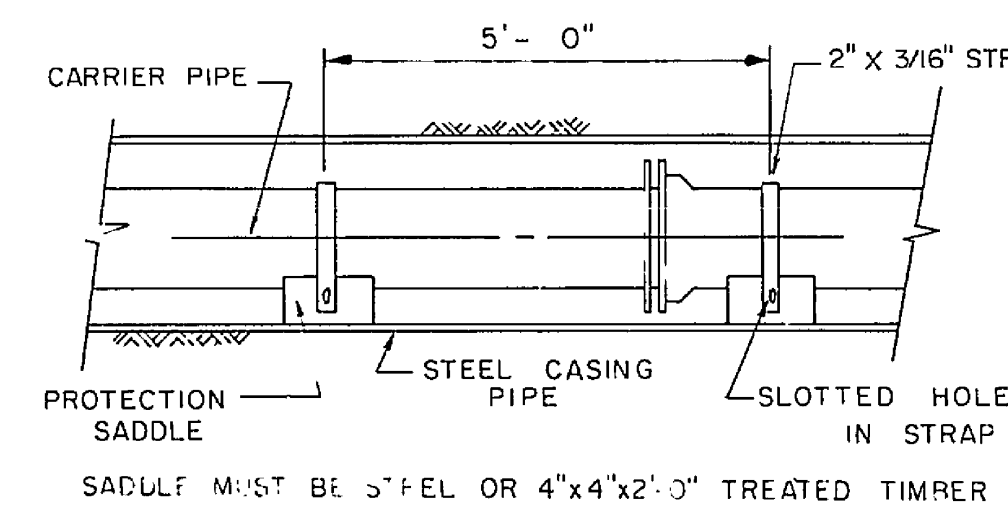
SERVICE CONNECTION "T"



SERVICE CONNECTION "WYE"

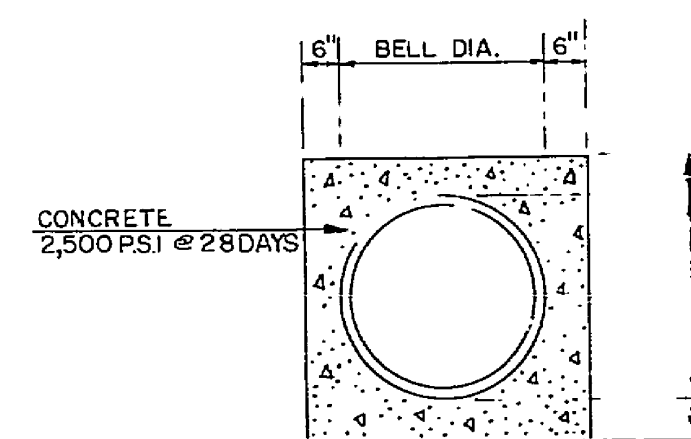


BORING AND CASING

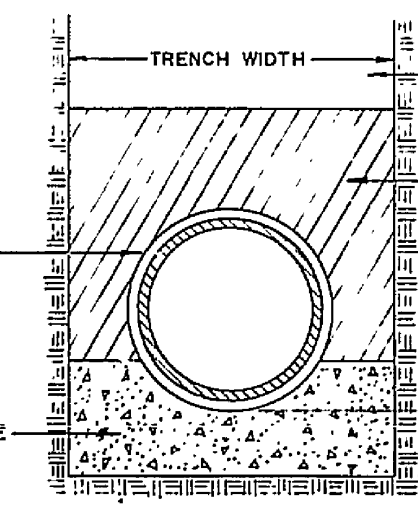


SIDE VIEW

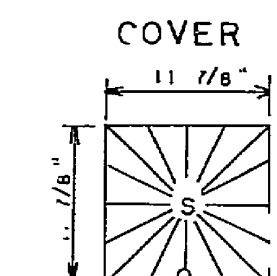
JOINING DISSIMILAR PIPE



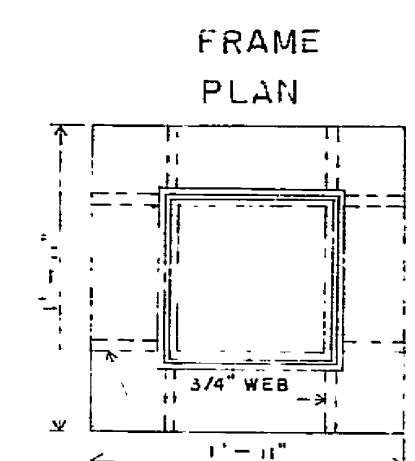
CONCRETE ENCASED
 PIPE



SECTION A-A



COVER



FRAME
 PLAN

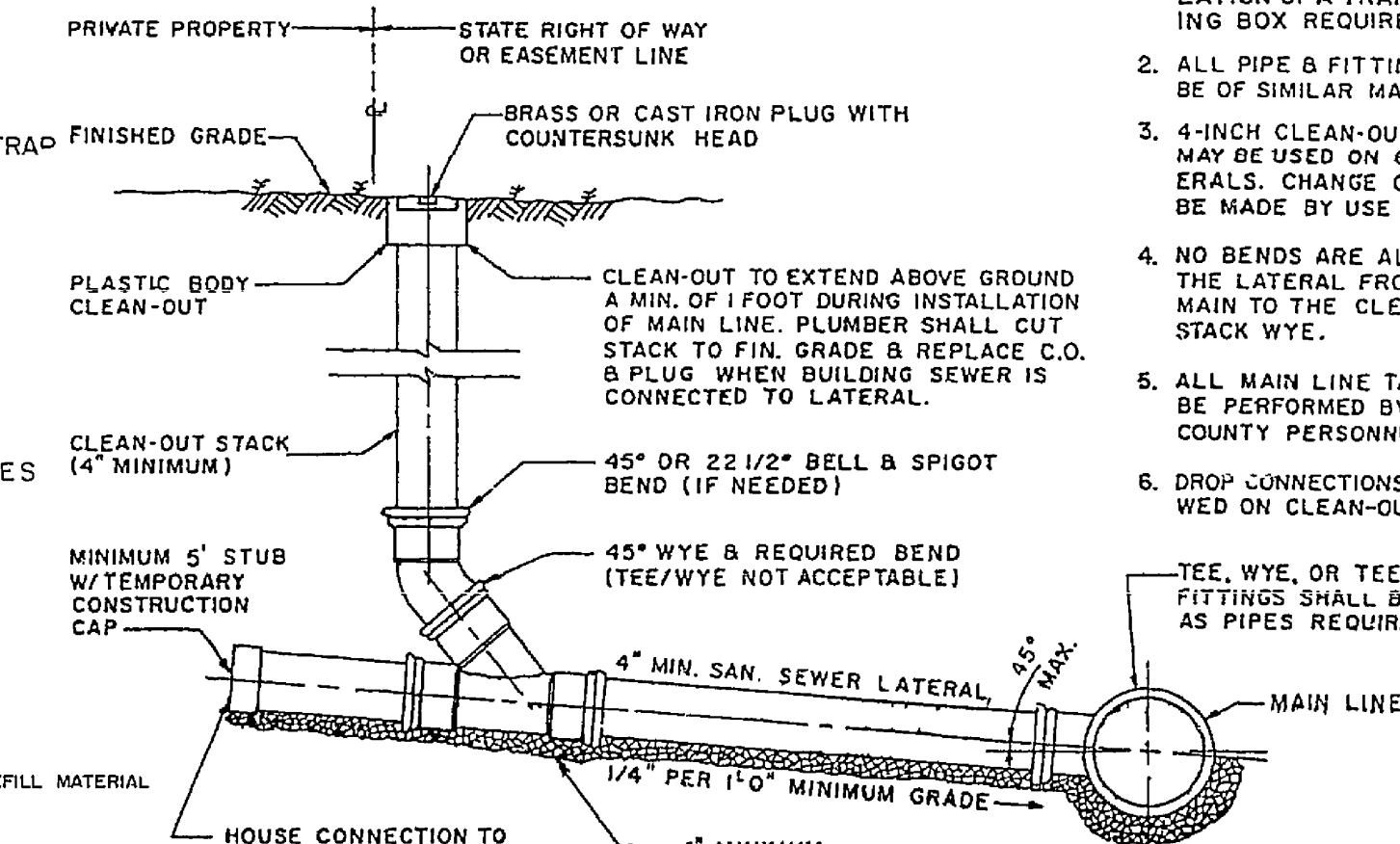
SECTION

PLAN

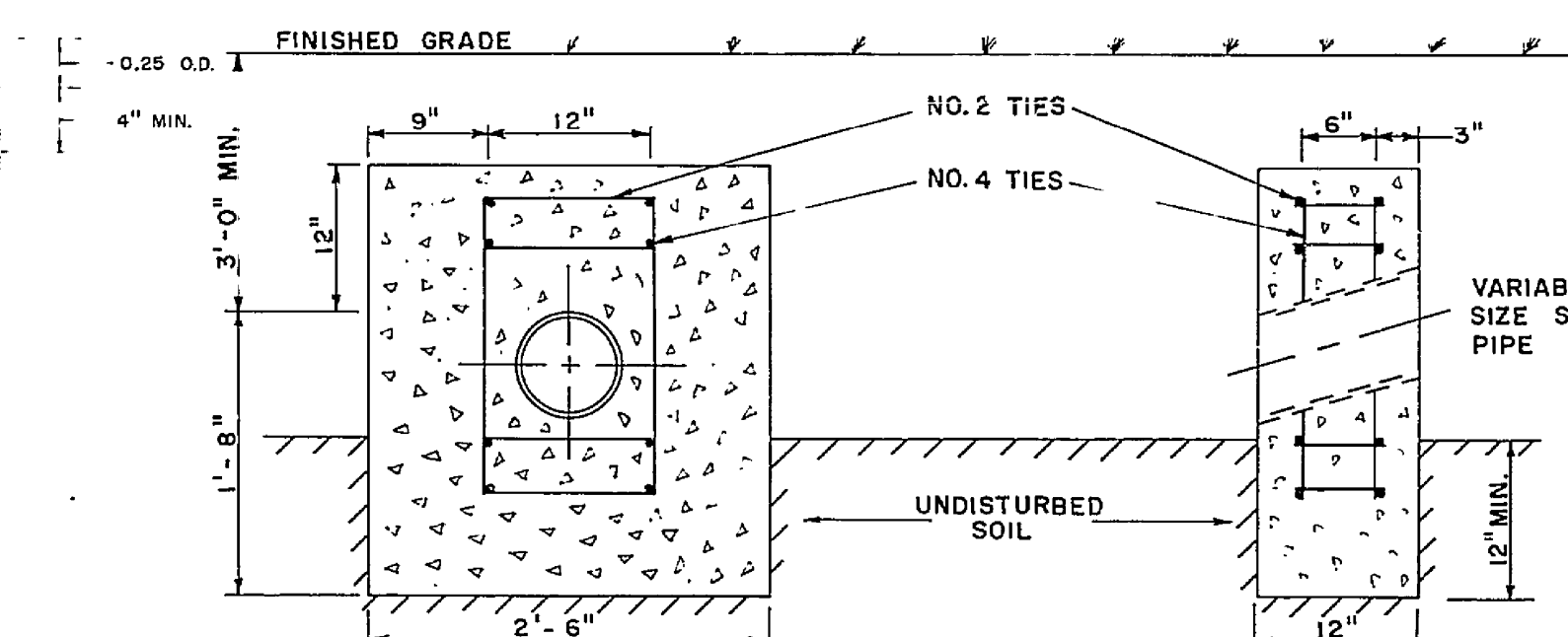
SECTION

CLEAN OUT FRAME AND COVER

SCALE: 1" = 1'-0"

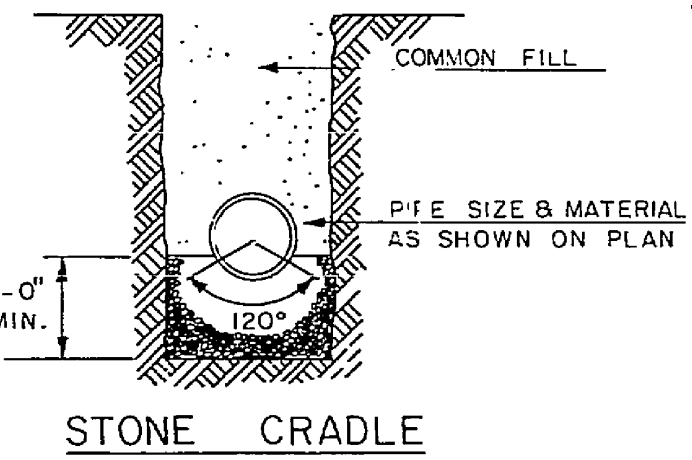


SANITARY SEWER LATERAL



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 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.

ROANOKE COUNTY
 DEPARTMENT OF
 PUBLIC FACILITIES
 ENGINEERING DIVISION
SANITARY SEWER DETAILS

REVISED: SEPTEMBER, 1985