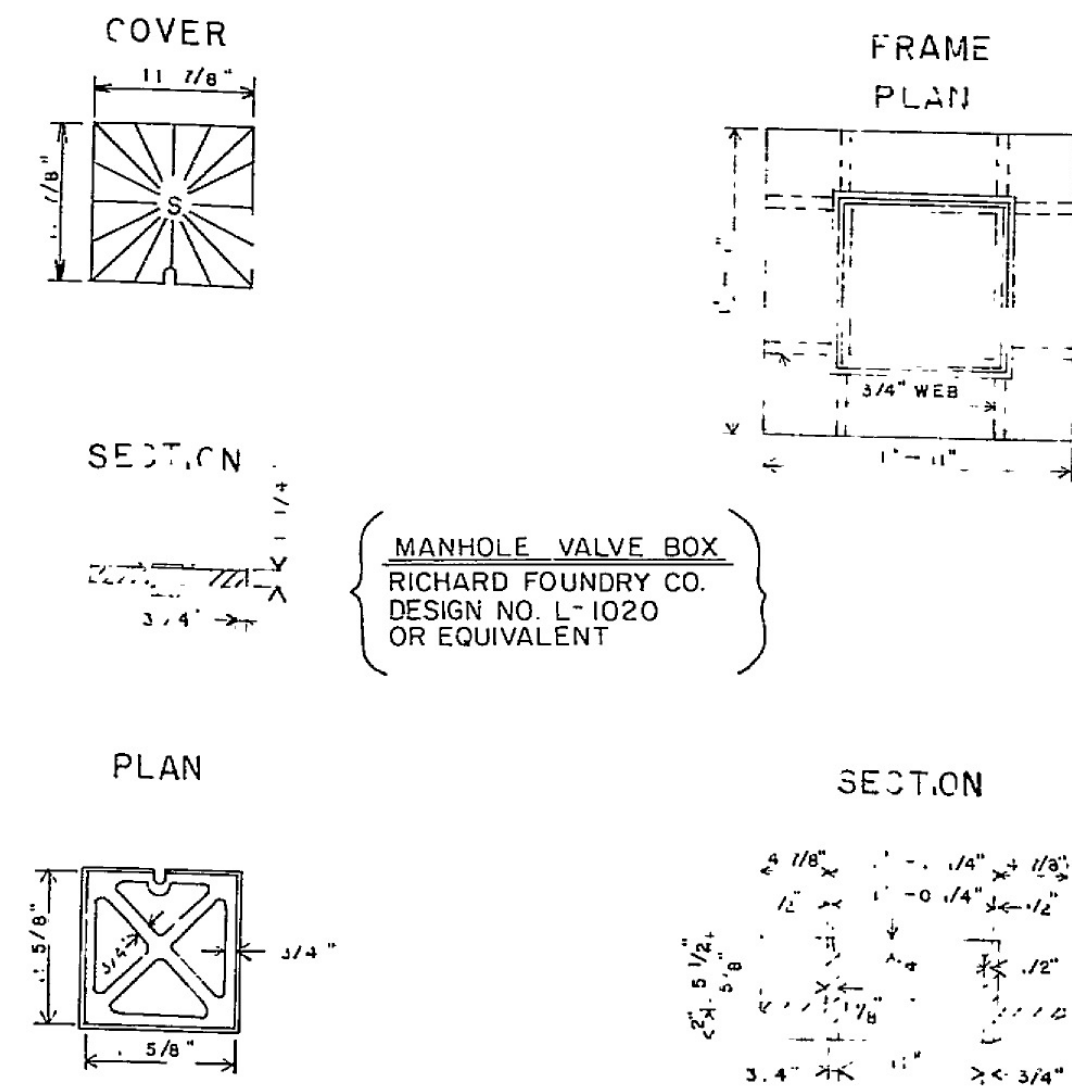
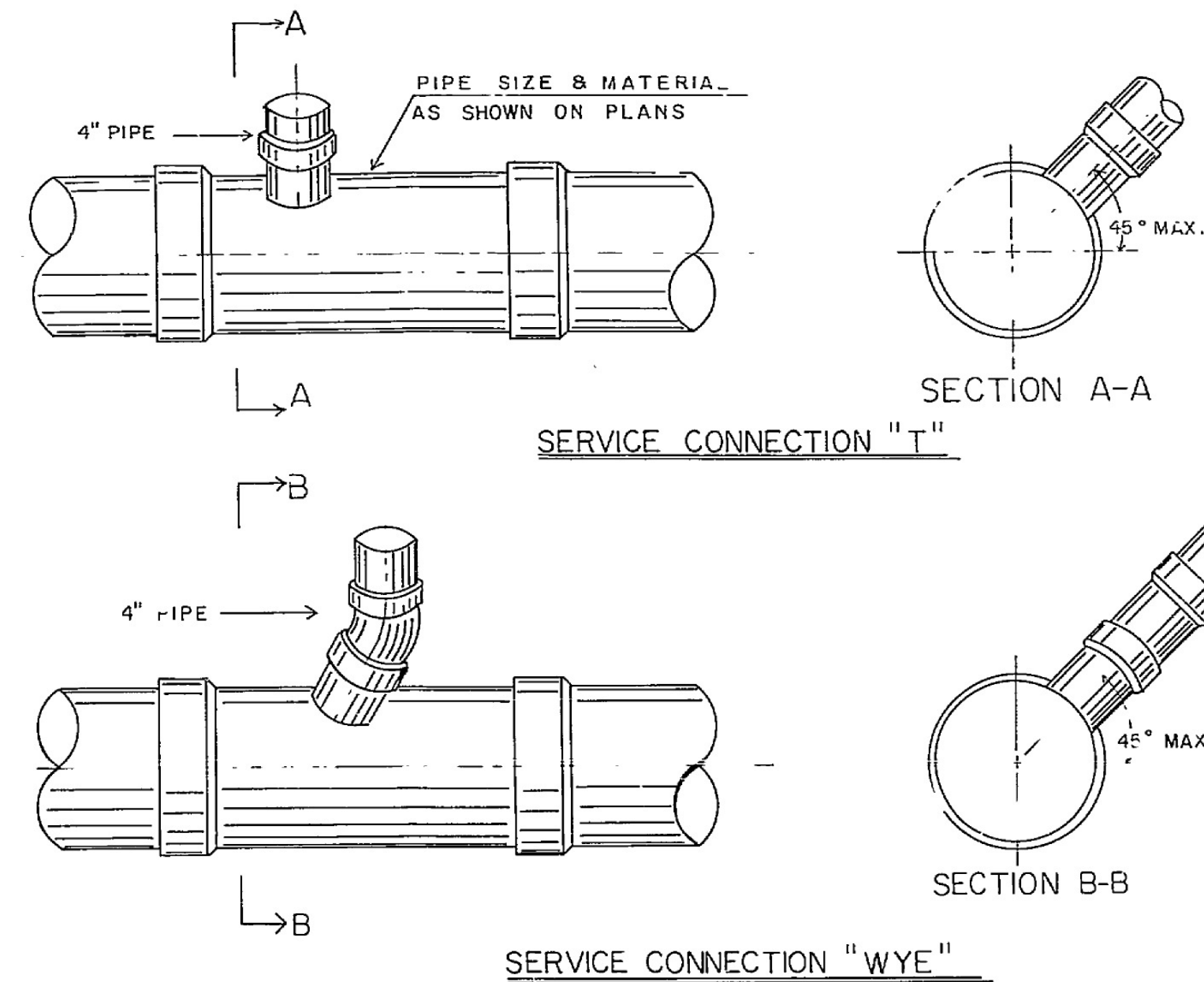
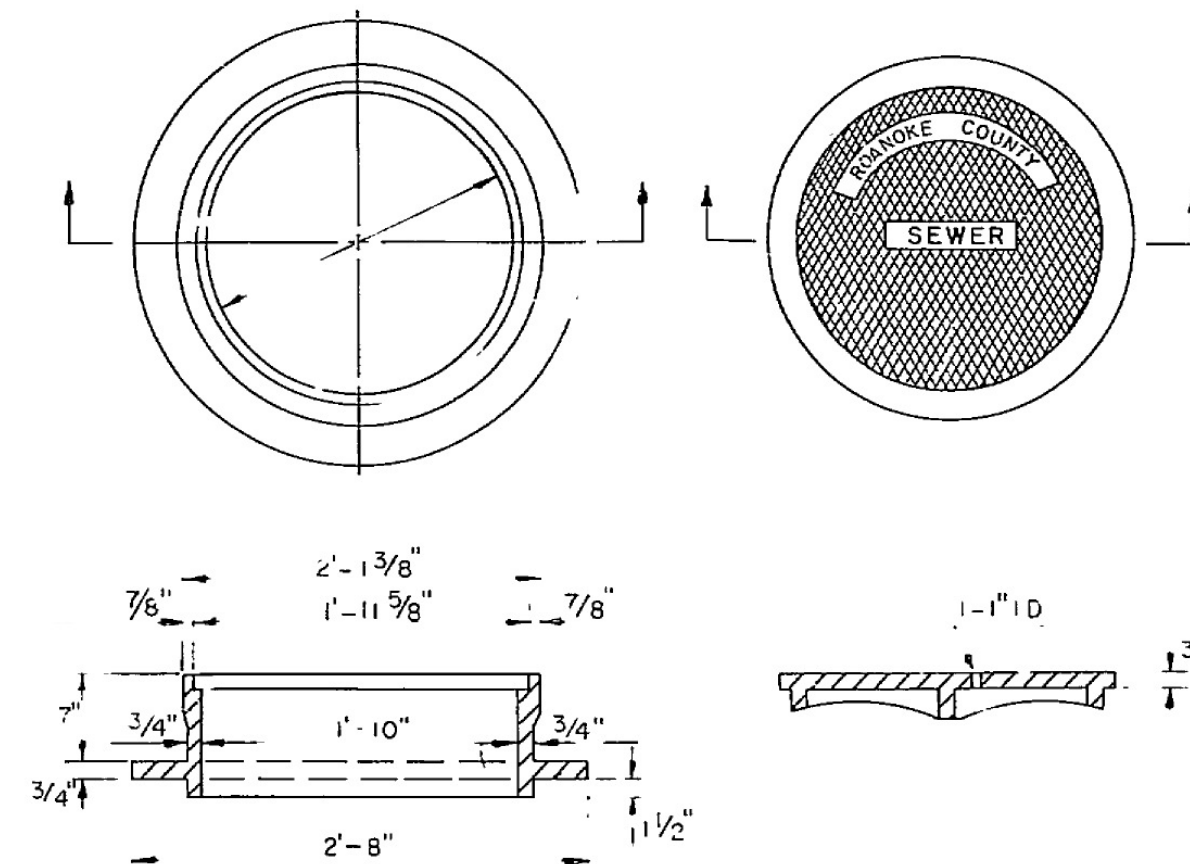
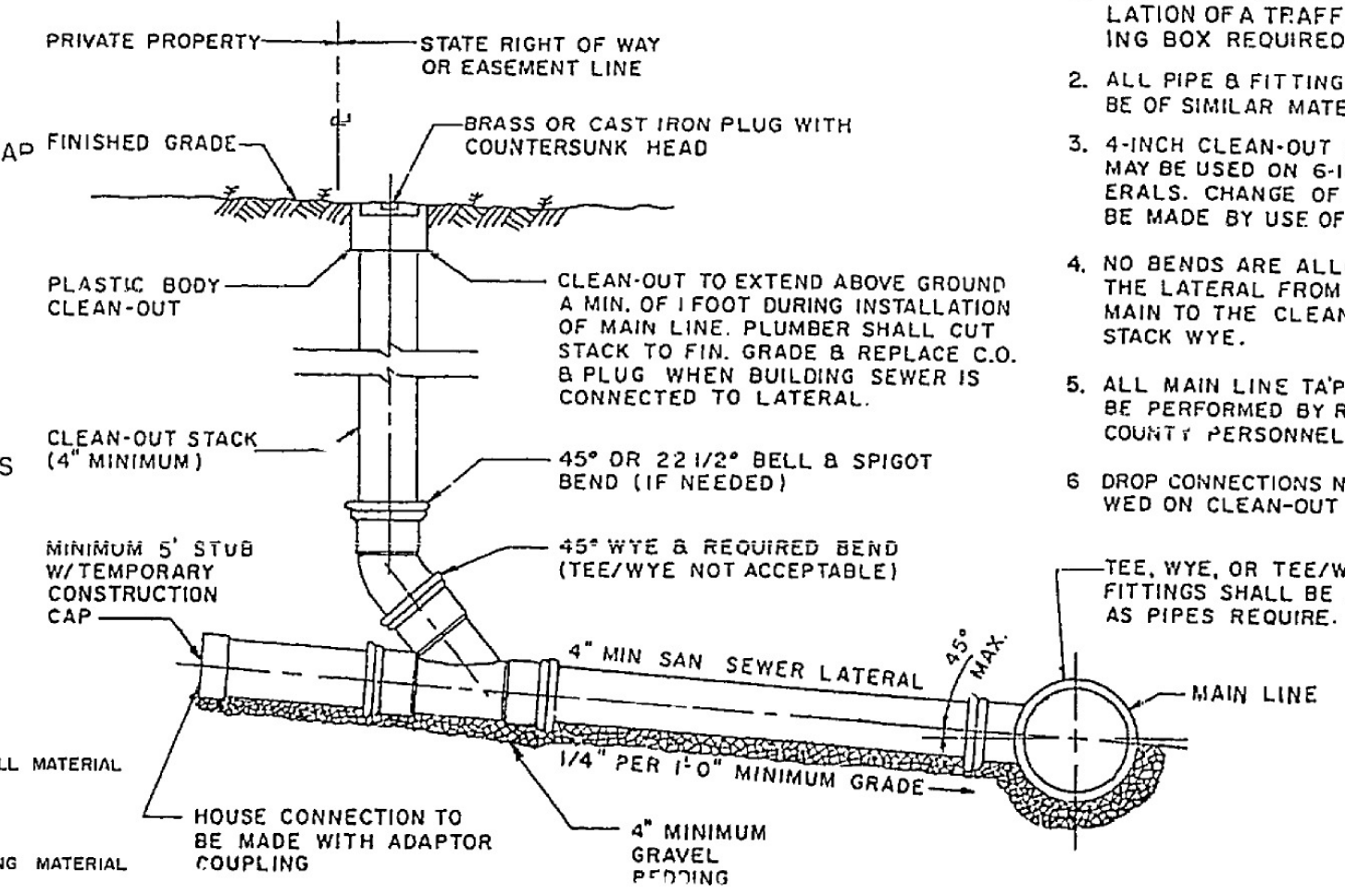


MANHOLE FRAME AND COVER
 RICHARD FOUNDRY CO. DESIGN NO. B-1444,
 DEWEY BROS., INC. MH-RCR-56, OR EQUIVALENT

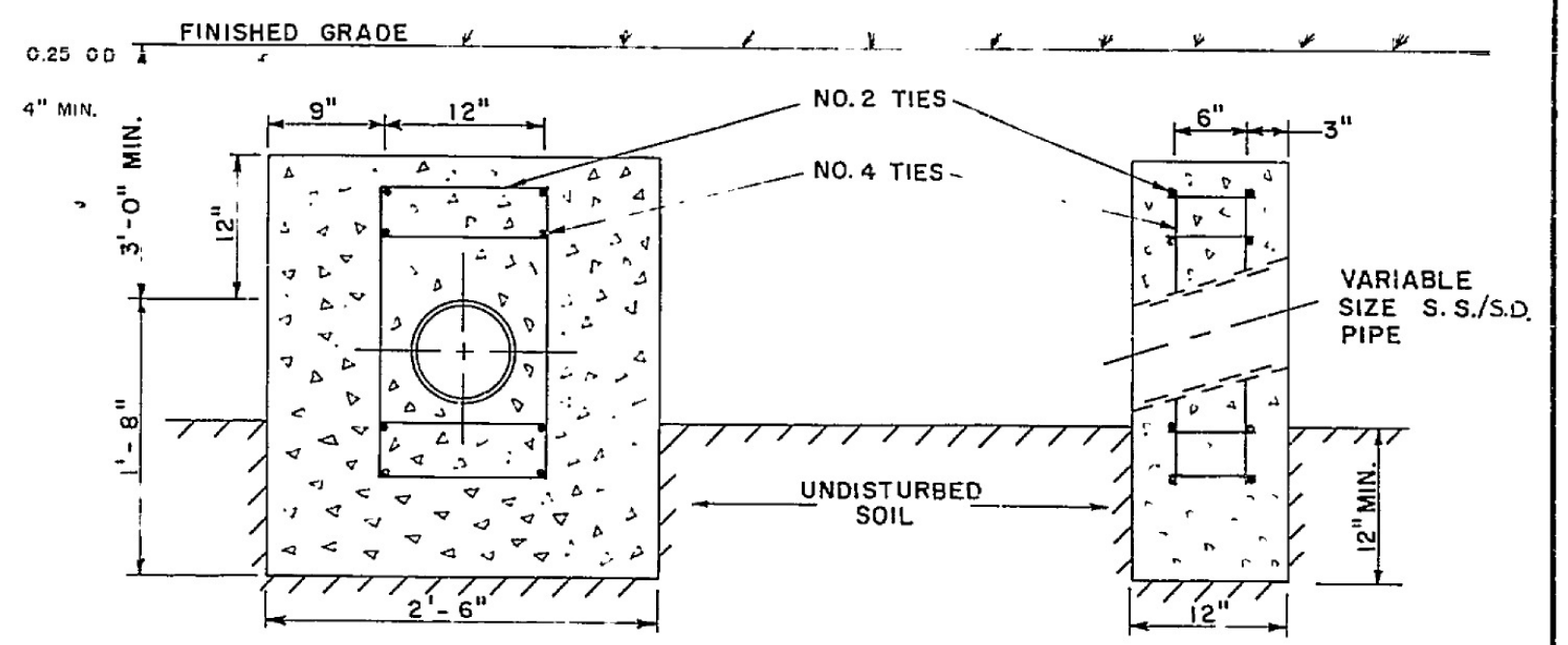


CLEAN OUT FRAME AND COVER
 SCALE: 1" = 1'-0"

- 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

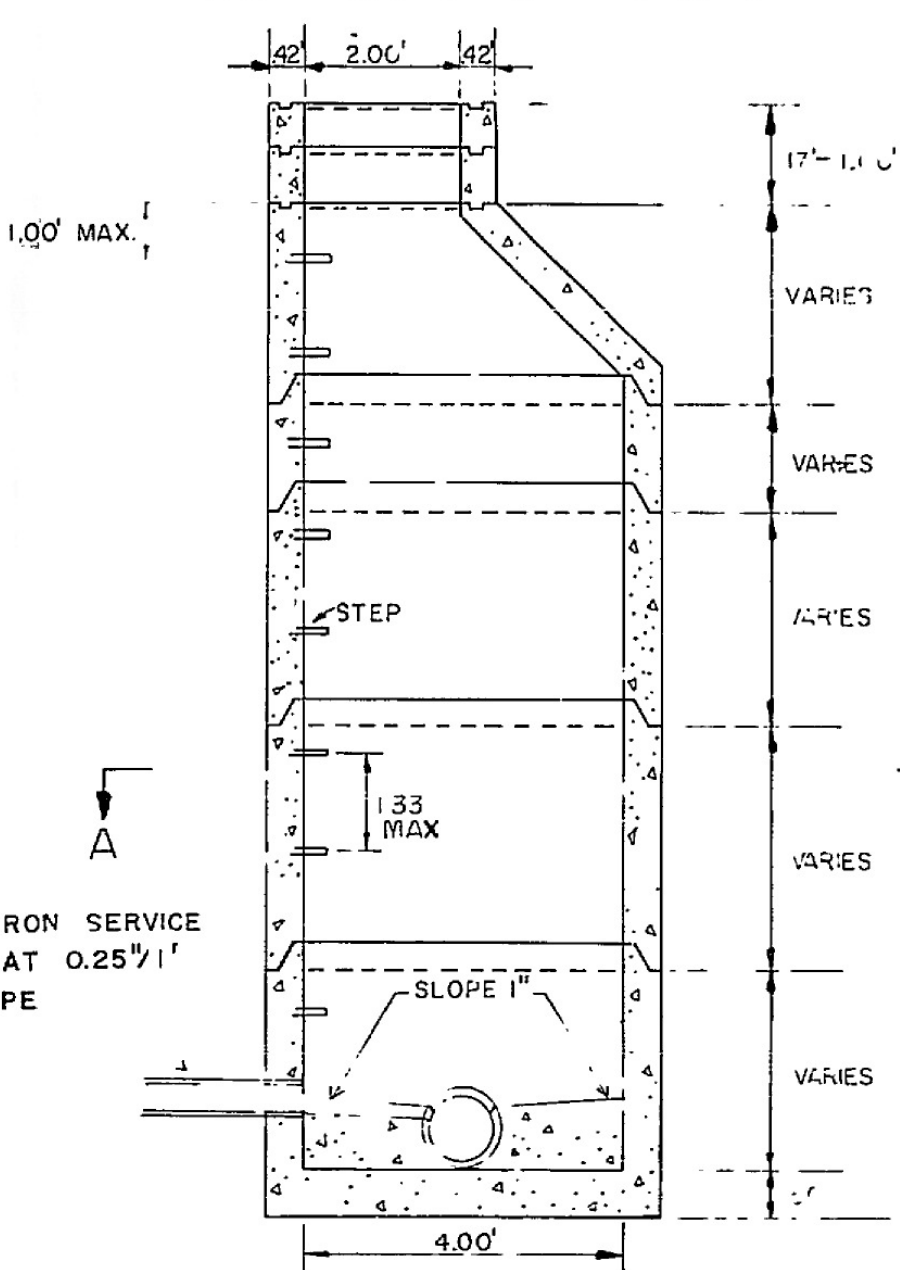


ANCHOR BLOCK
 SCALE: 1" = 1'-0"

ROANOKE COUNTY
 DEPARTMENT OF
 PUBLIC FACILITIES
 ENGINEERING DIVISION
SANITARY SEWER DETAILS

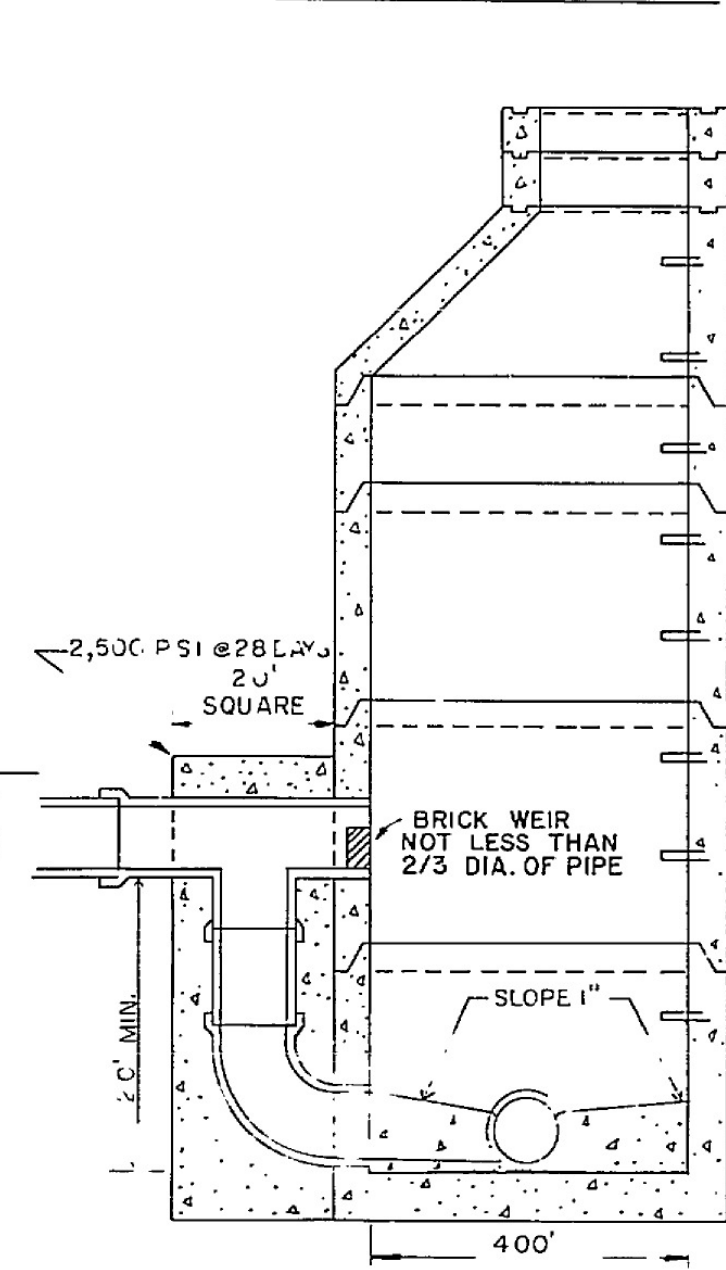
REVISED: SEPTEMBER, 1987

**SECTION A-A
 STANDARD MANHOLE**

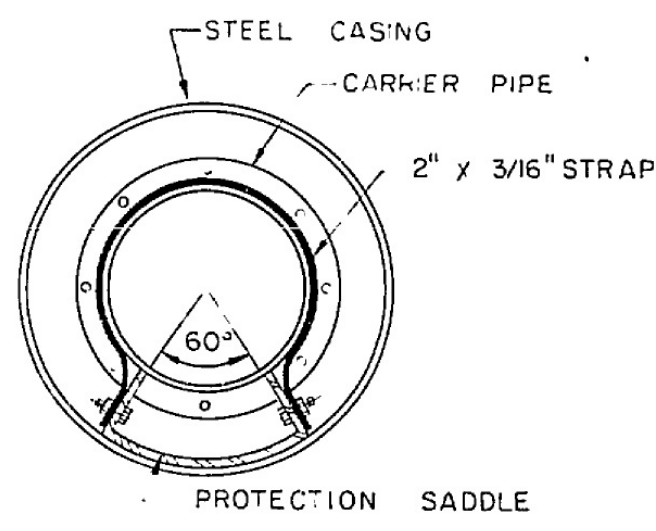


STANDARD MANHOLE

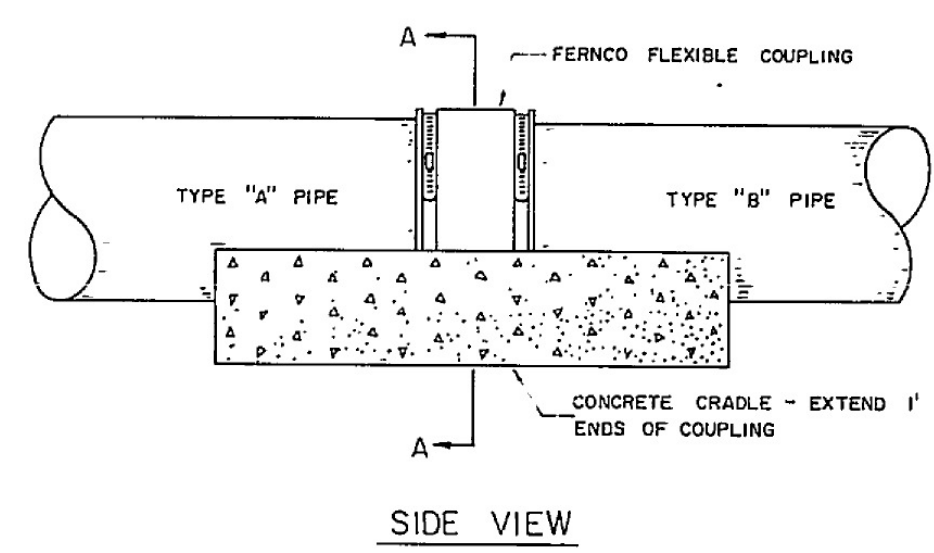
**SECTION B-B
 DROP MANHOLE**



DROP MANHOLE

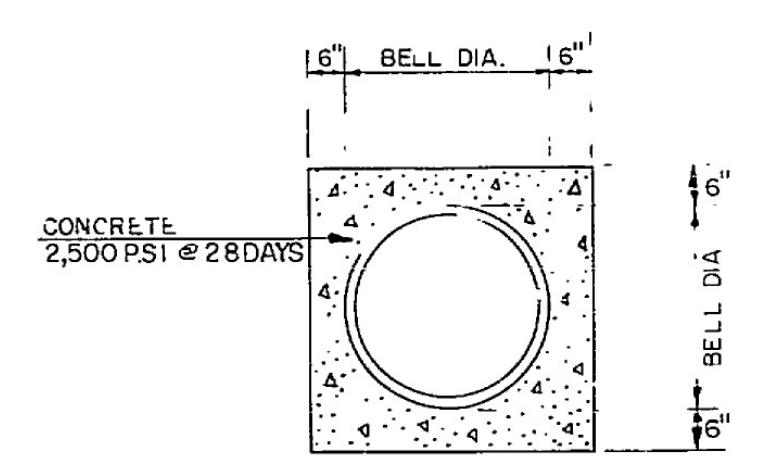


BORING AND CASING

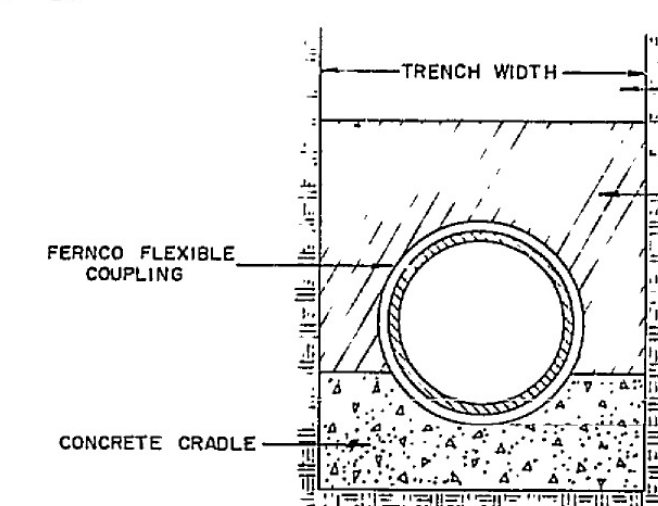


SIDE VIEW

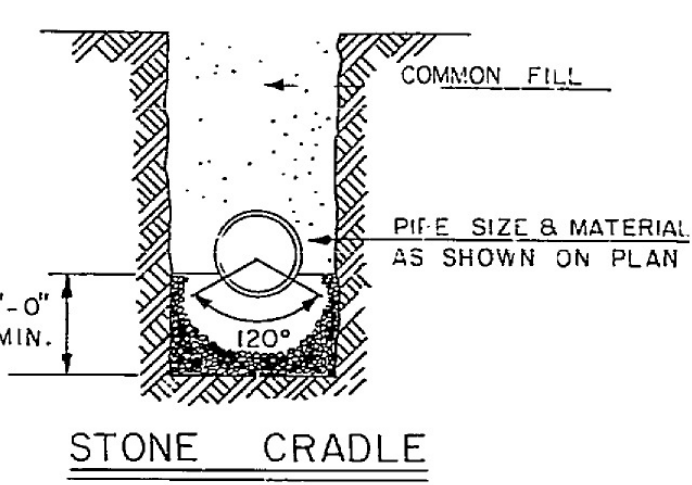
JOINING DISSIMILAR PIPE



CONCRETE ENCASED PIPE



SECTION A-A



STONE CRADLE