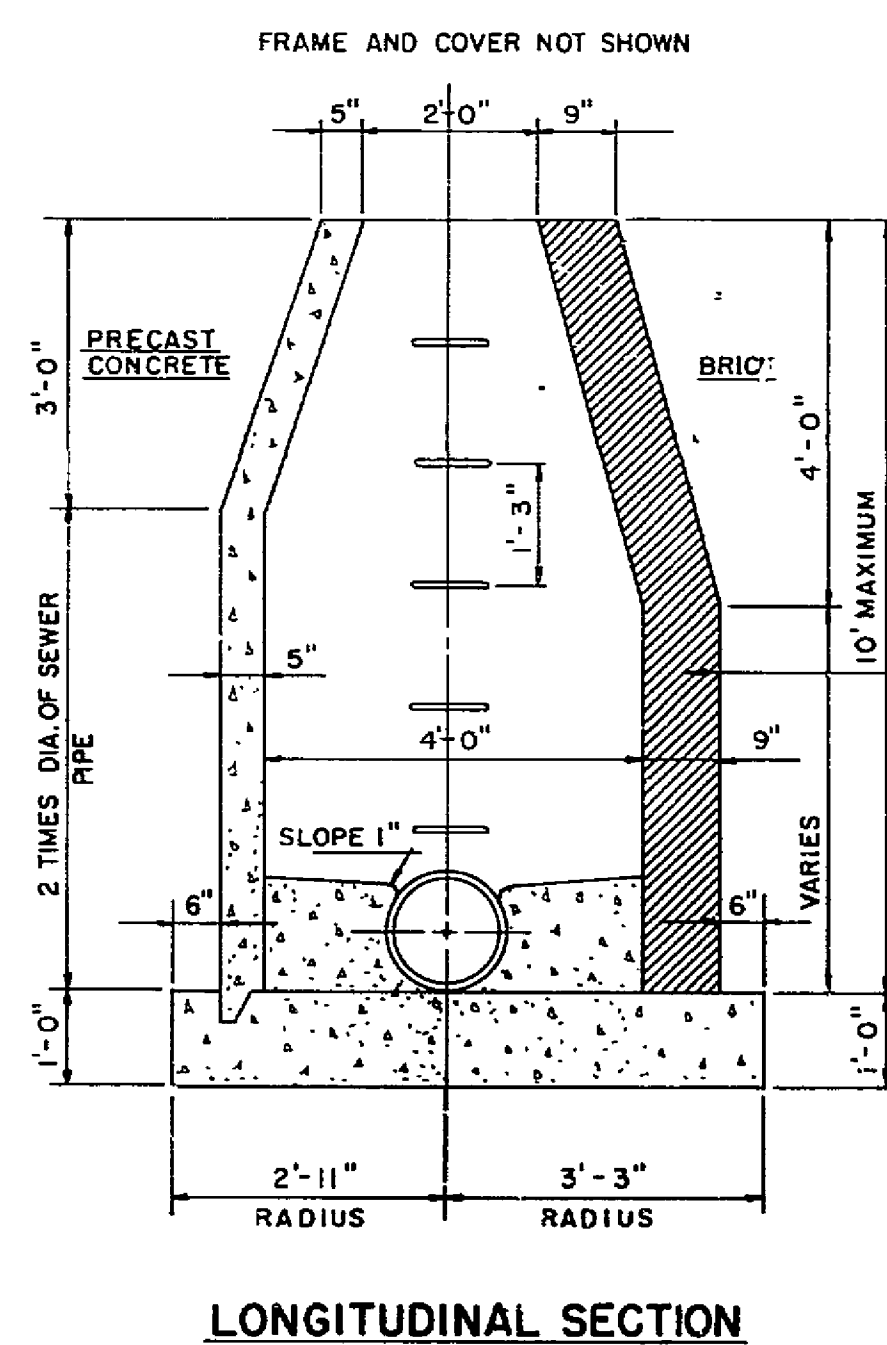
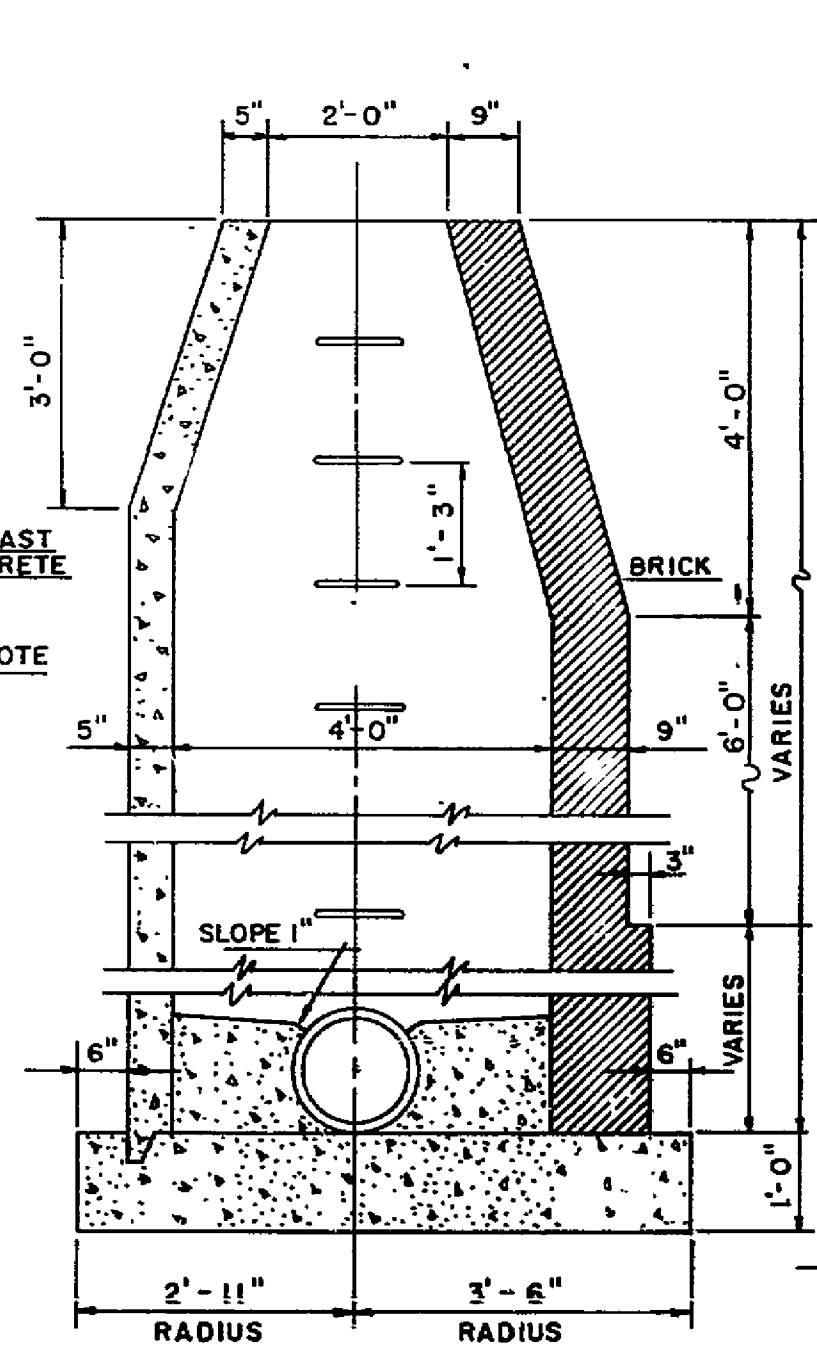




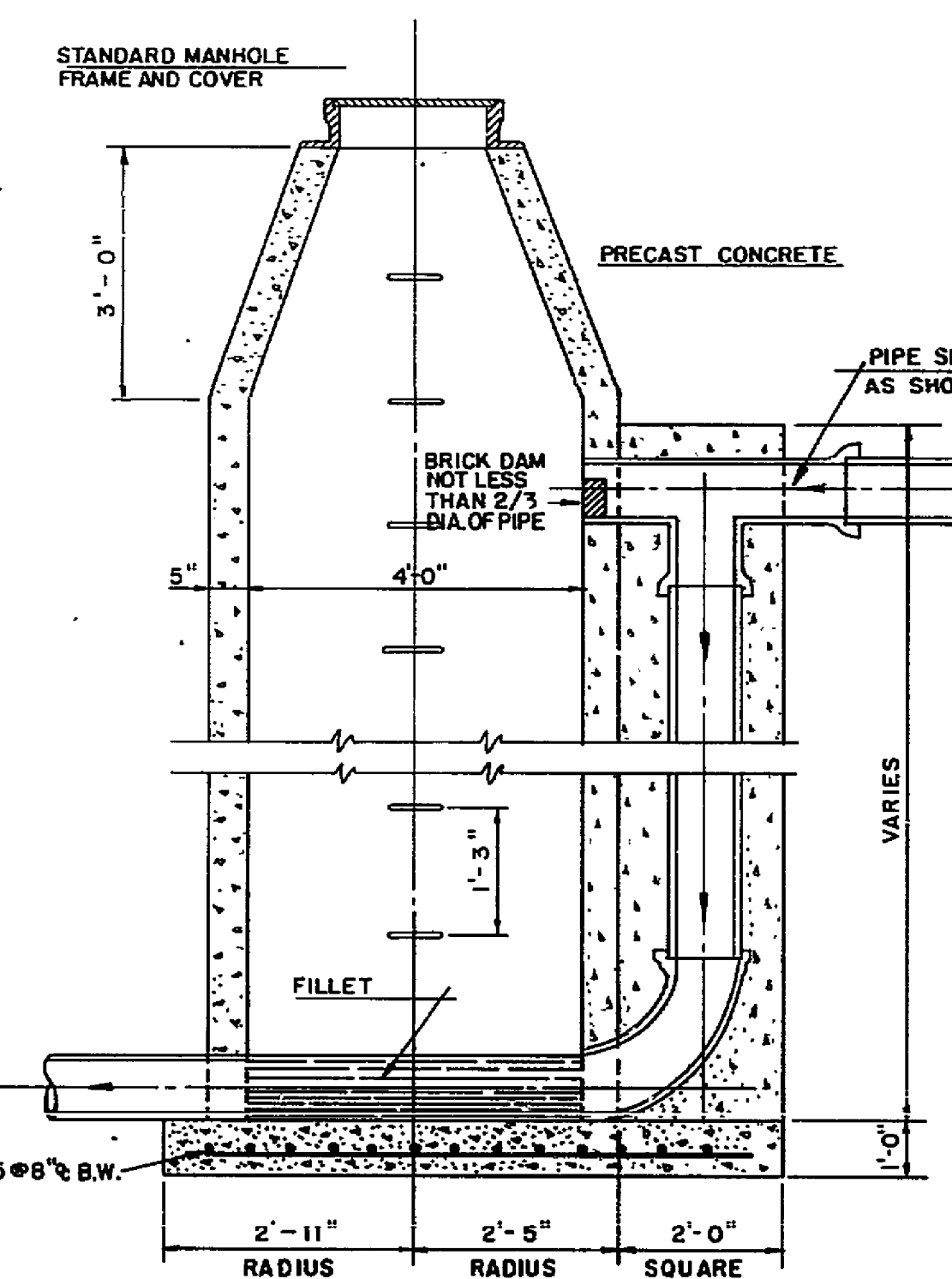
LONGITUDINAL SECTION

NOTE: REFER TO SPECIFICATIONS FOR MANHOLES CONSTRUCTED OF CONCRETE MANHOLE BLOCK.

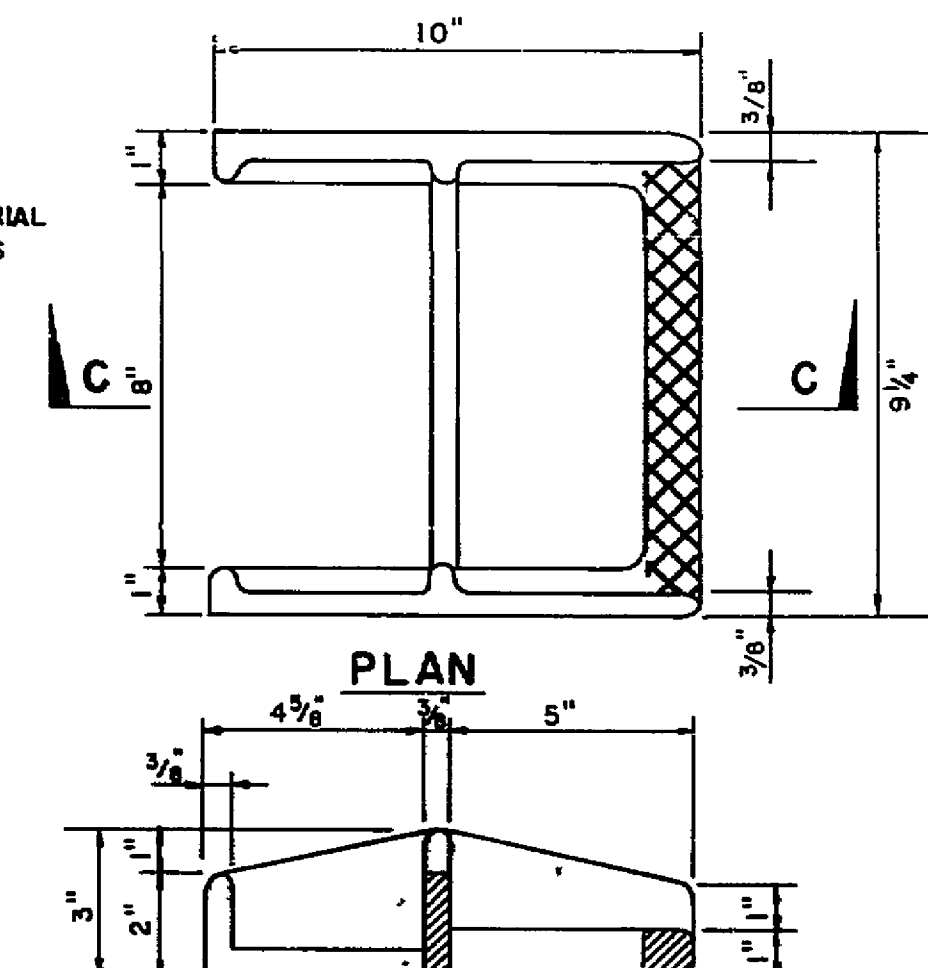


LONGITUDINAL SECTION

NOTE: DISTANCE FROM MANHOLE TO FIRST PIPE JOINT SHALL BE 2'-0" IN ALL MANHOLES.



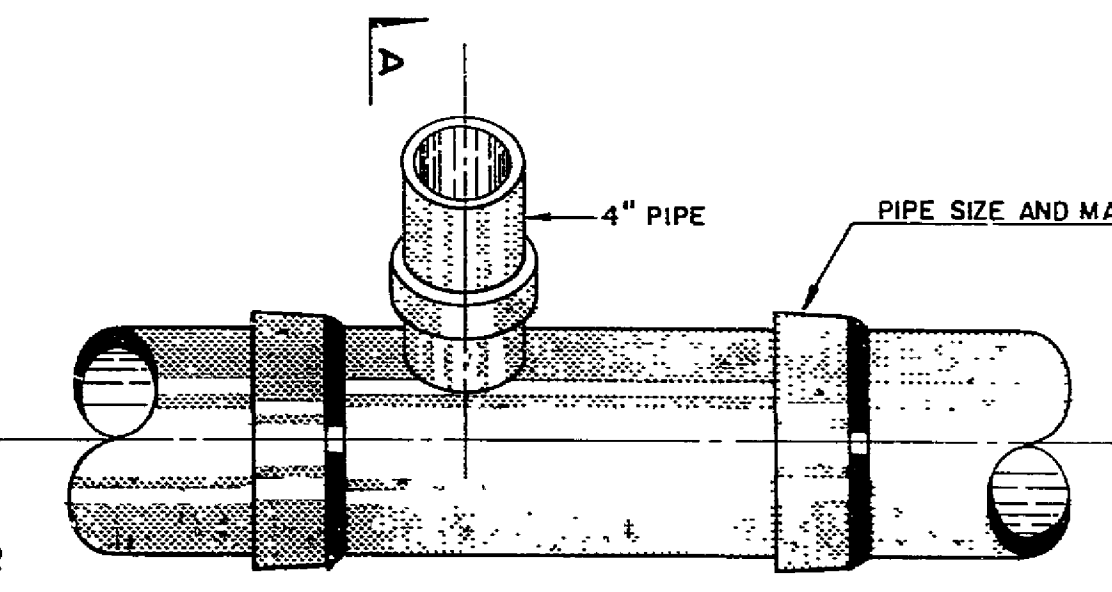
LONGITUDINAL SECTION



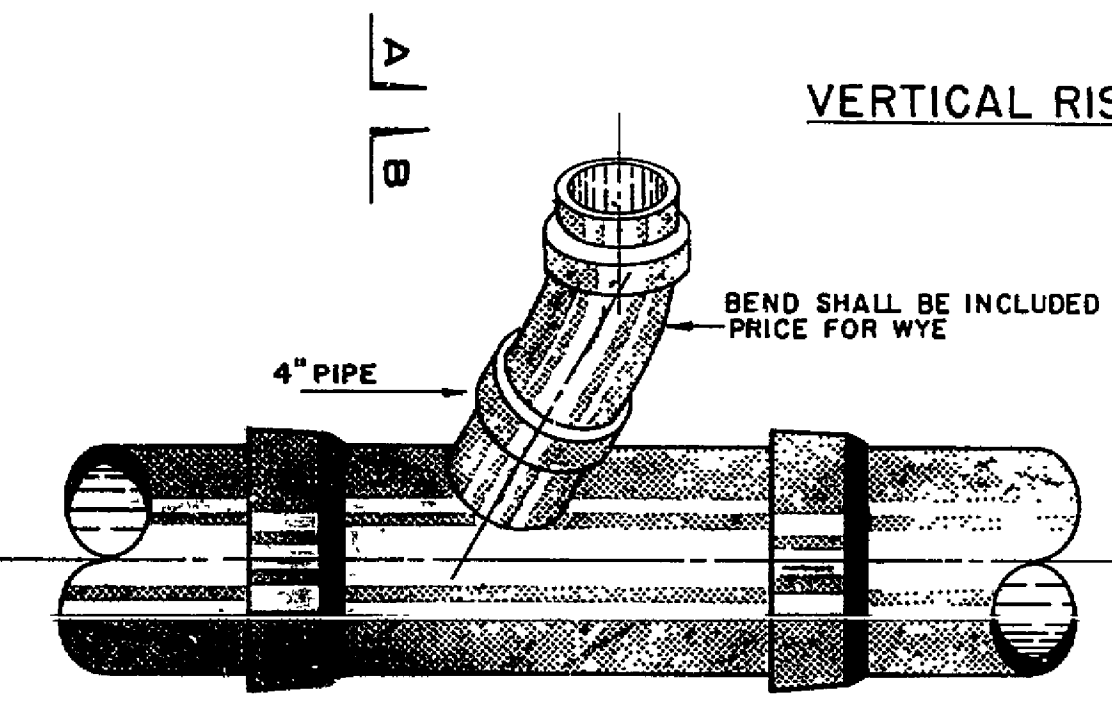
SECTION C-C

CAST IRON MANHOLE STEPS

MANHOLES
SCALE: 3" = 1'-0"



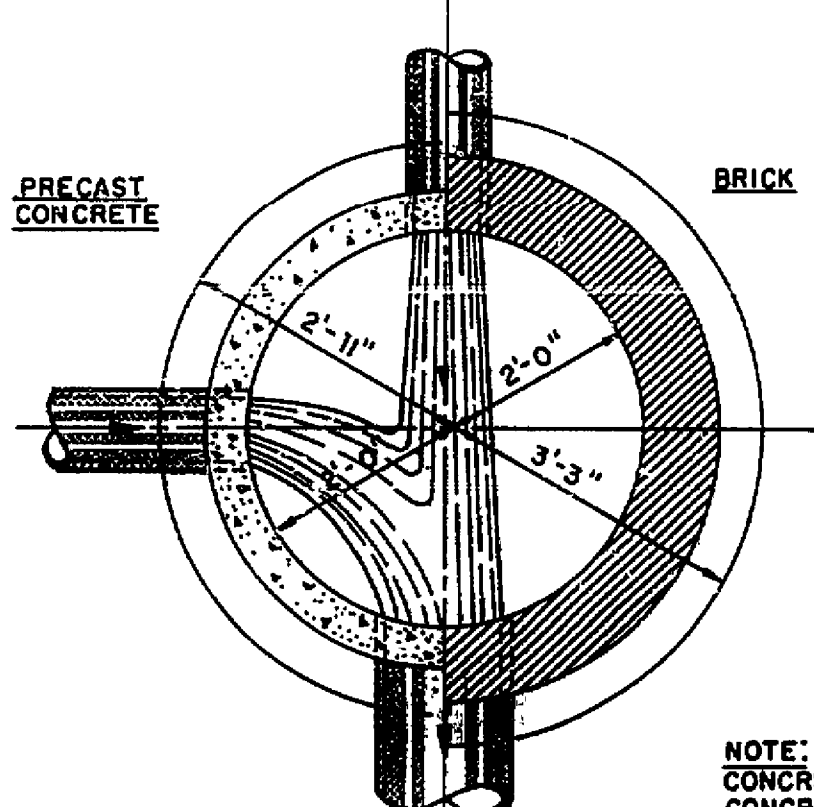
SECTION A-A



SECTION B-B

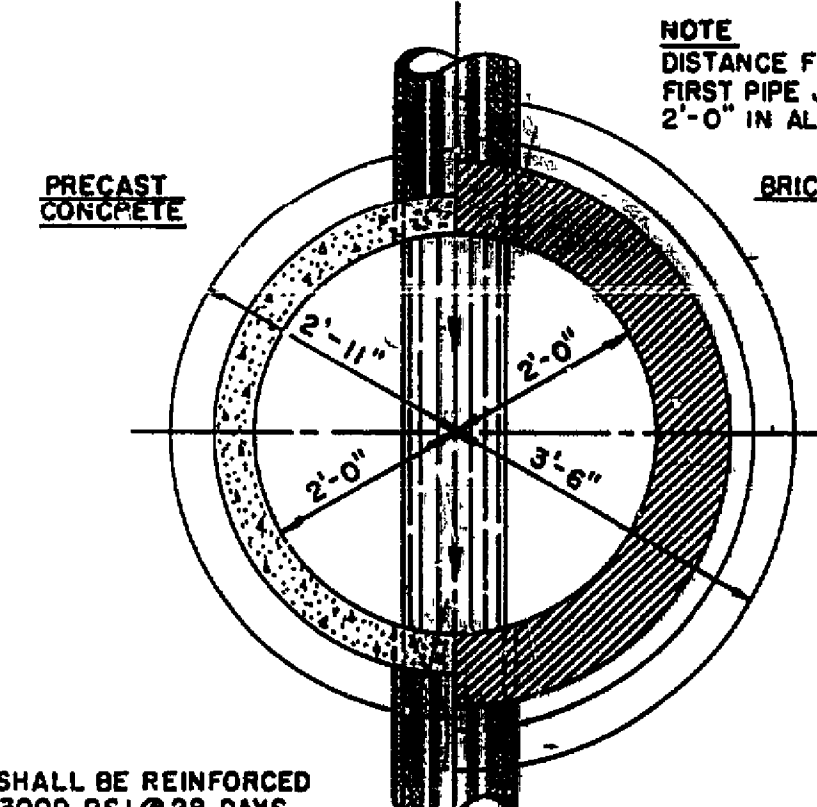
SERVICE CONNECTION DETAIL

NOT TO SCALE



MANHOLE 0' TO 10'

TYPE "A"

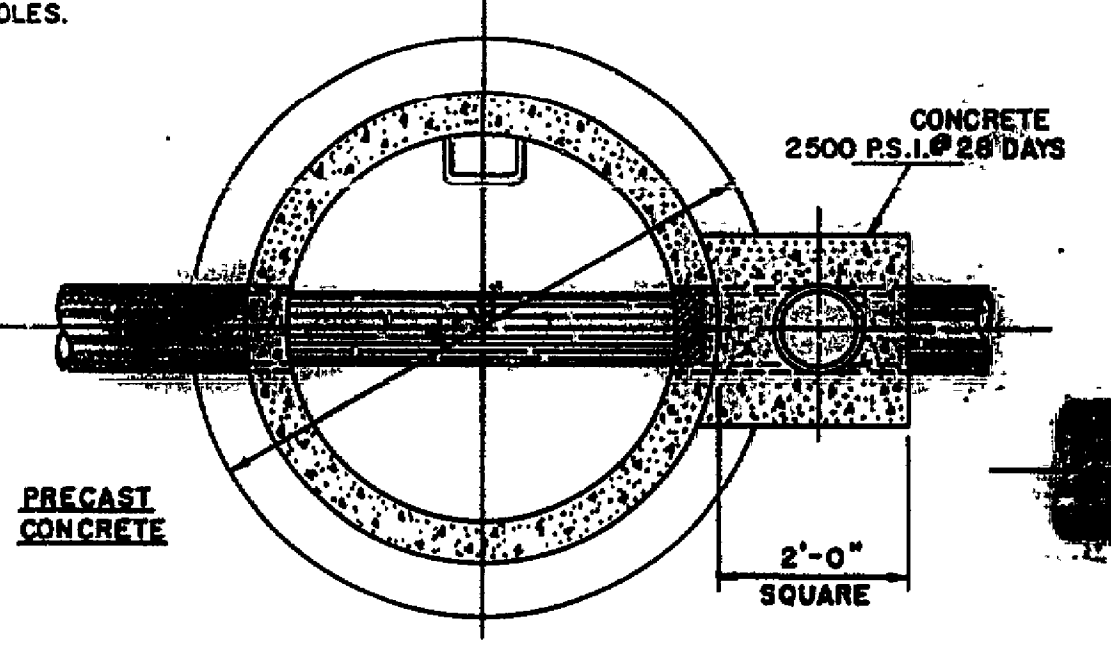


MANHOLE OVER 10'

TYPE "A"

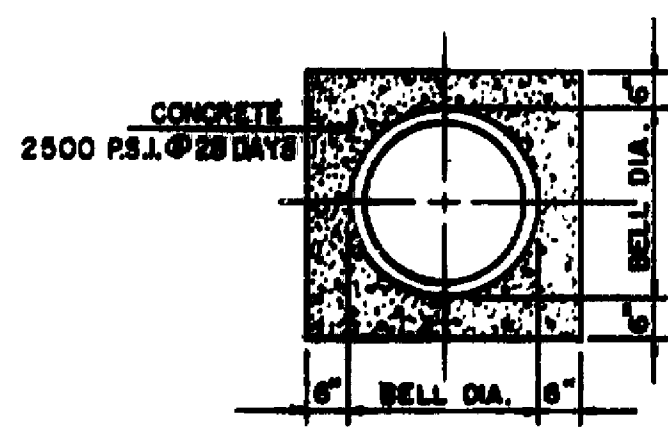
MANHOLE DETAILS

SCALE 1/2" = 1'-0"



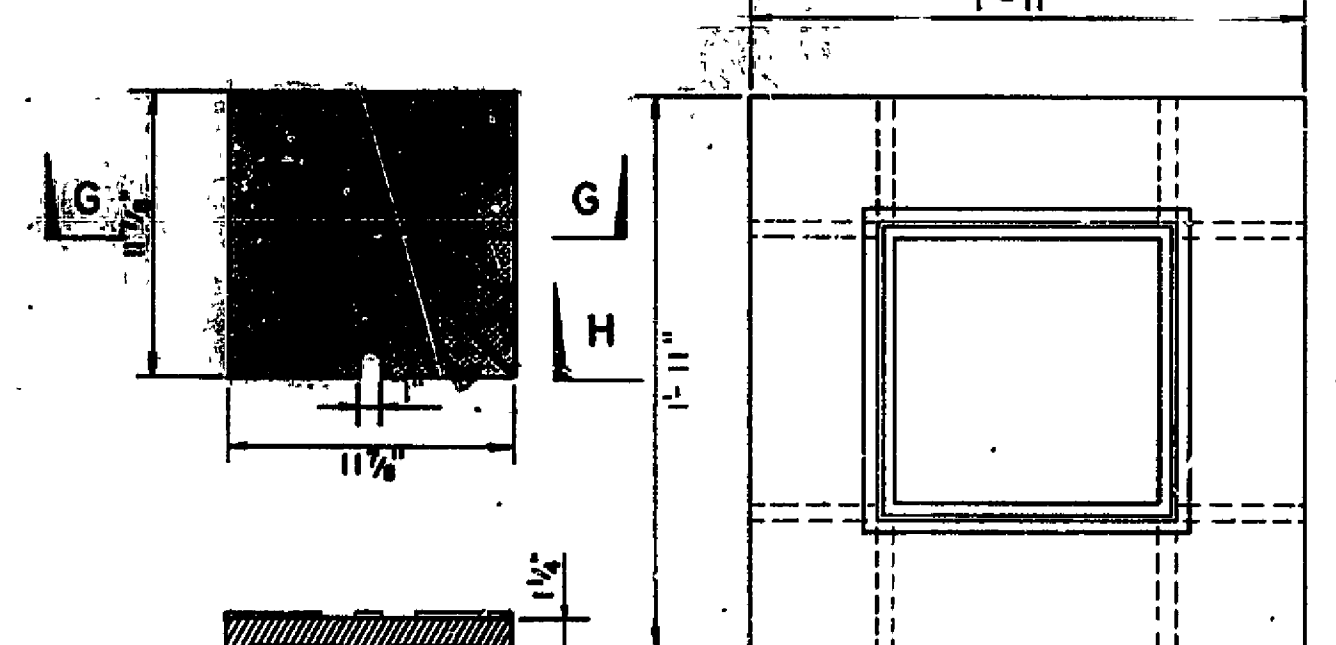
DROP MANHOLE

TYPE "B"



SECTION D-D

CONCRETE ENCASEMENT
NOT TO SCALE
USE FOR JOINING DIFFERENT TYPES OF PIPE



SECTION G-G

INSPECTION BOX FRAME AND COVER

SCALE 1/2" = 1'-0"

PLAN

11 1/4"

11 1/4"

11 1/4"

11 1/4"

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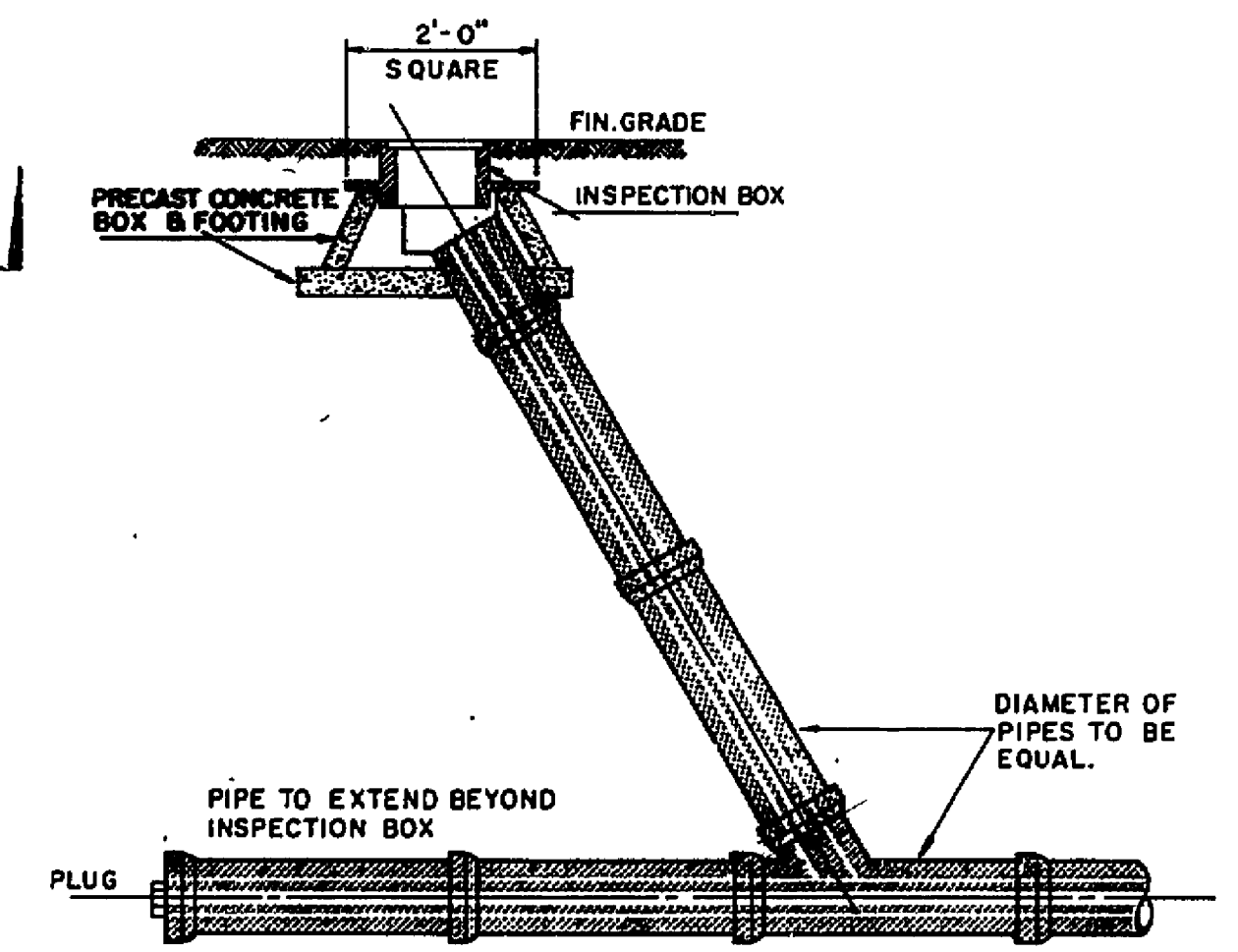
11 1/4"

11 1/4"

11 1/4"

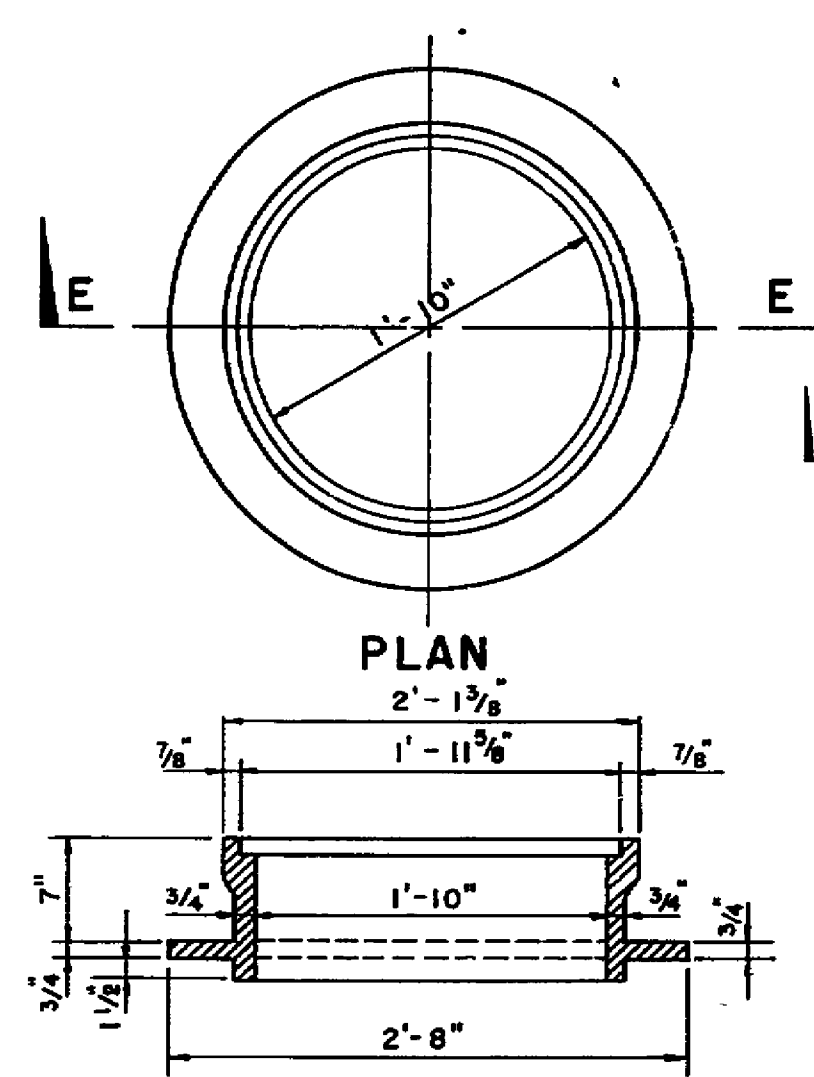
11 1/4"

11 1/4"



CLEANOUT CONNECTION DETAIL

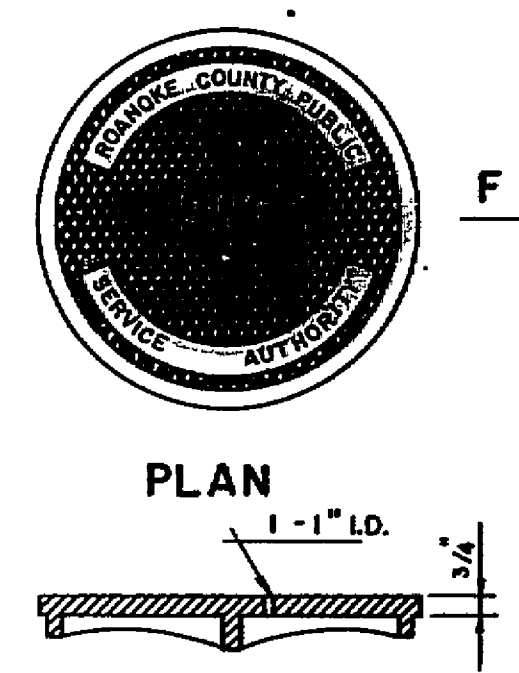
NOT TO SCALE



SECTION E-E

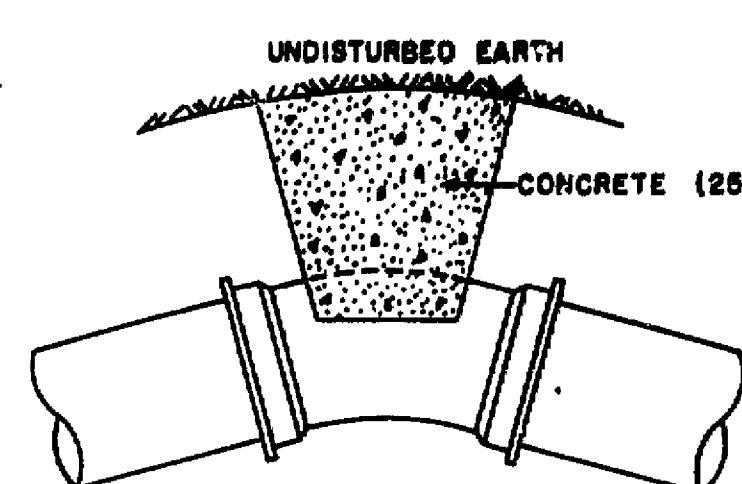
STANDARD MANHOLE FRAME & COVER

SCALE: 1" = 1'-0"

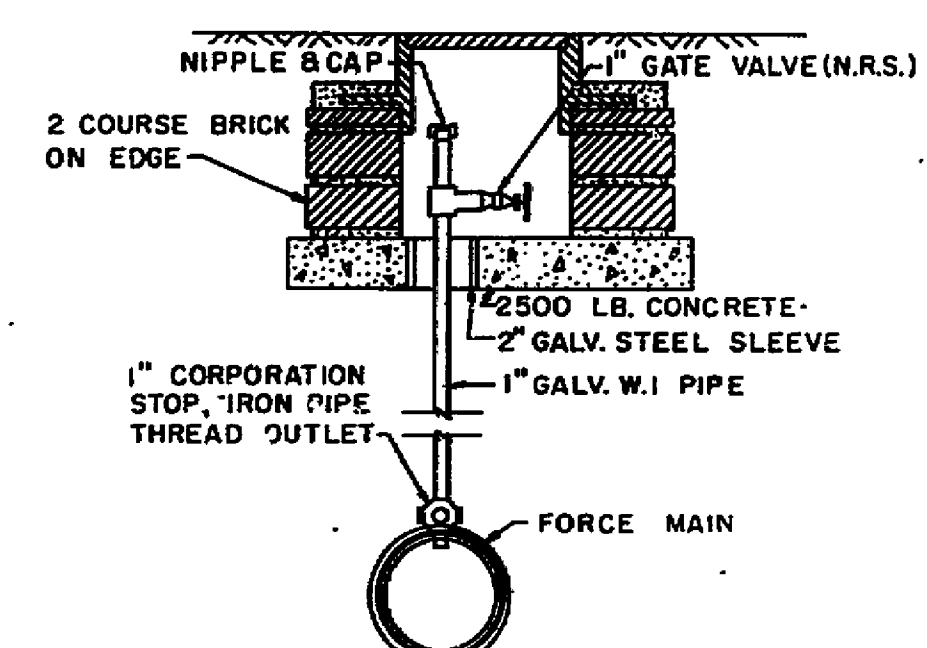


PLAN

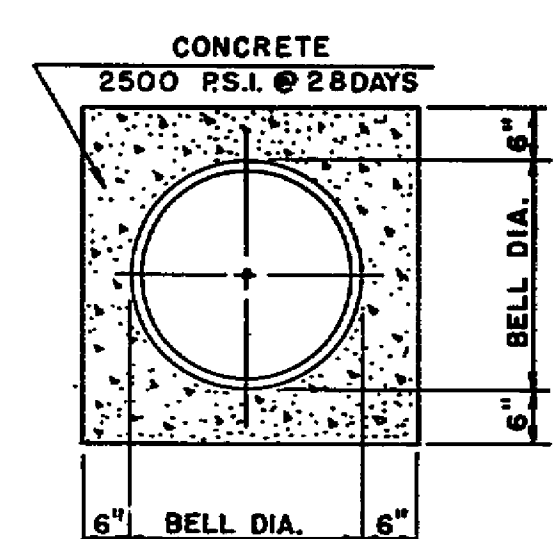
SECTION F-F



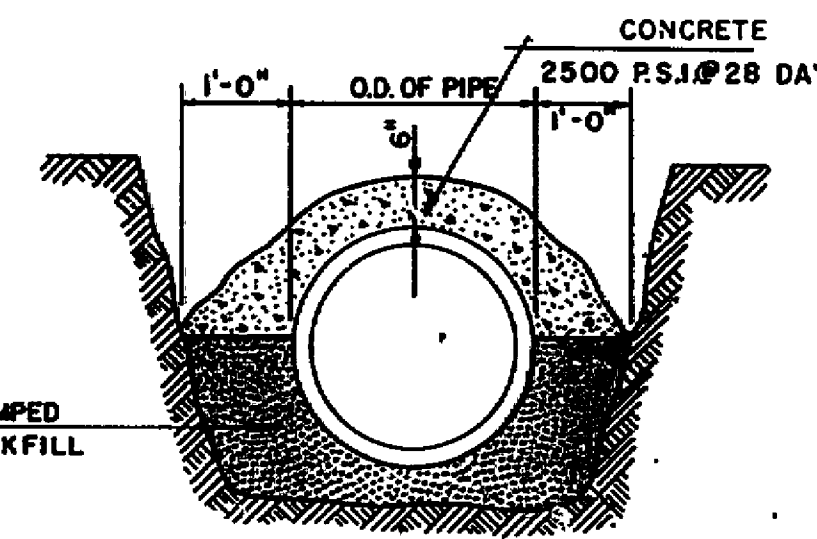
THRUST BLOCK



AIR VENT DETAIL



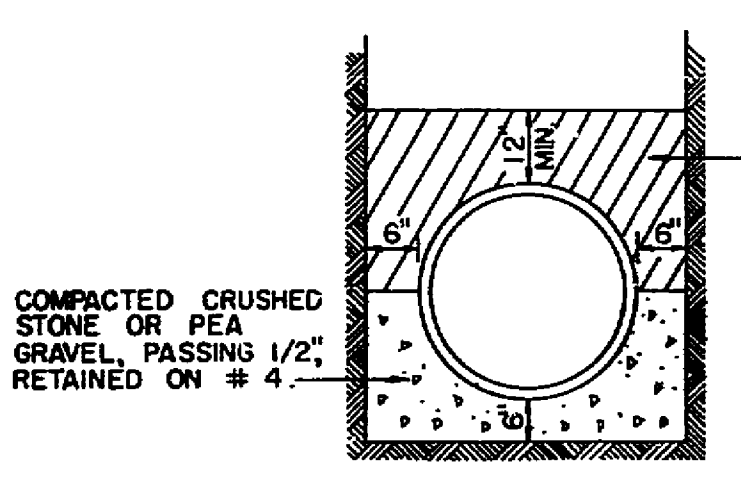
CONCRETE ENCASED PIPE



CONCRETE CAP

CONSTRUCTION DETAILS

NOT TO SCALE



STANDARD GRAVEL BEDDING

AS BUILT

COMMONWEALTH OF VIRGINIA
WILLIAM E. CONNOLLY, JR.
No. 2923
REGISTERED PROFESSIONAL ENGINEER

ROANOKE COUNTY PUBLIC SERVICE AUTHORITY
ROANOKE COUNTY, VIRGINIA

SANITARY SEWERAGE SYSTEM
CARVINS CREEK INTERCEPTOR
PROJECT No. 71-6-S
DETAILS

DES:	LANGLEY, McDONALD AND OVERMAN	SCALE: AS SHOWN
DR:	G.E.R.	DATE: 9/10/71
CK:	W.E.C.	SHEET 5 OF 5

SI-0324

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