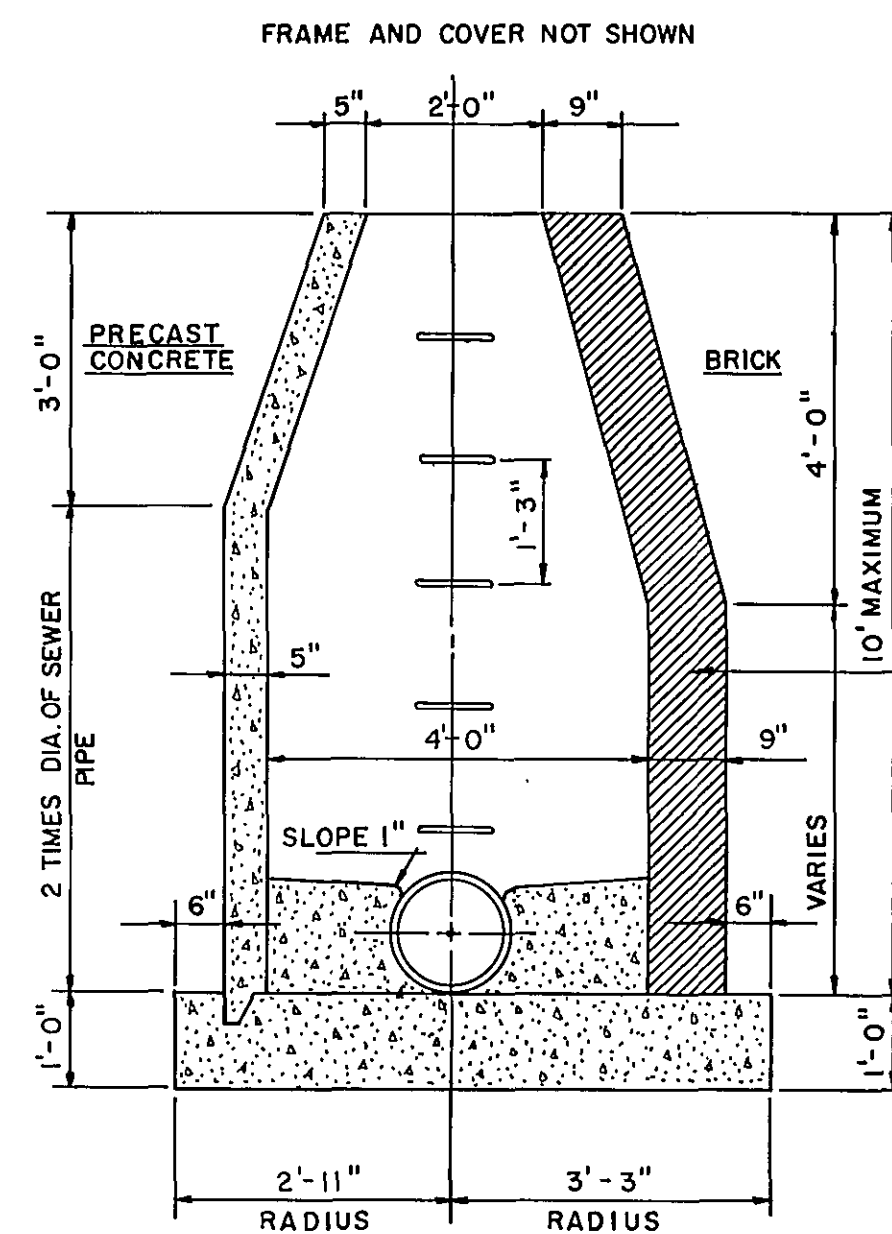
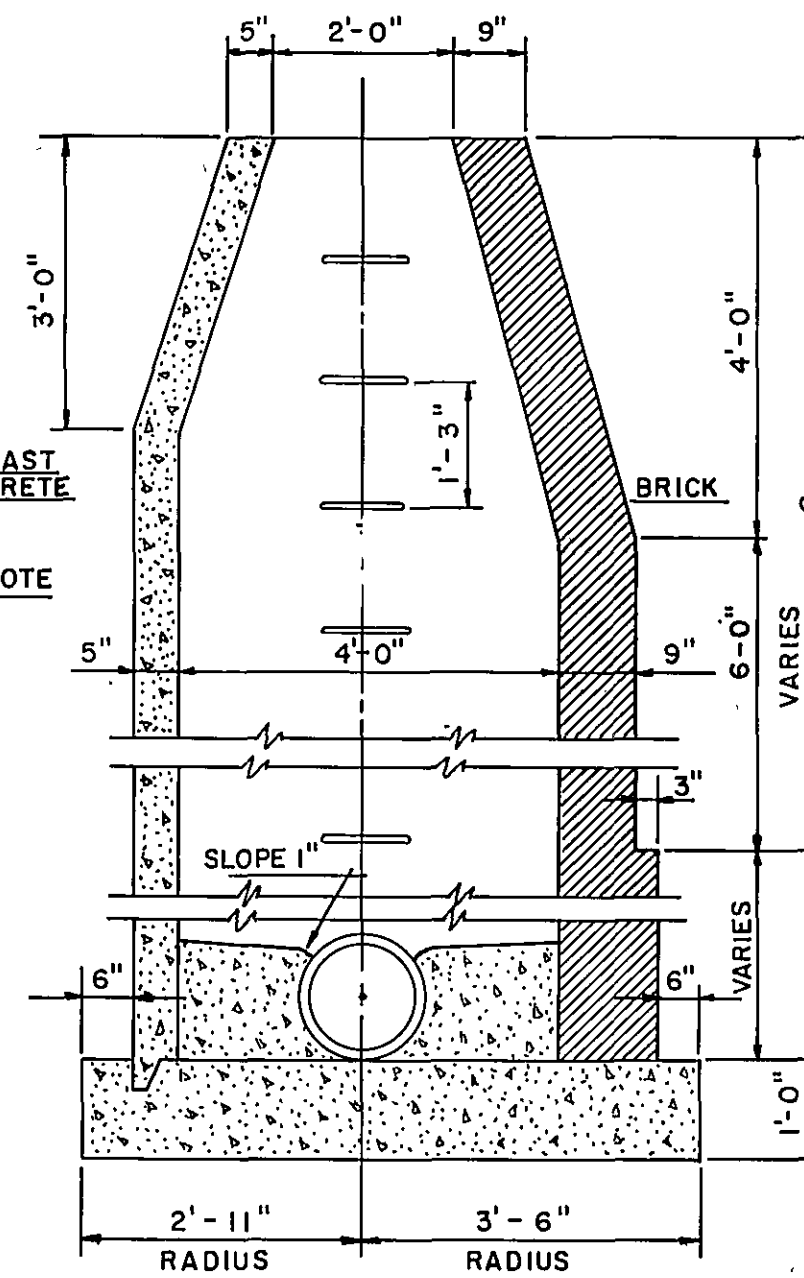




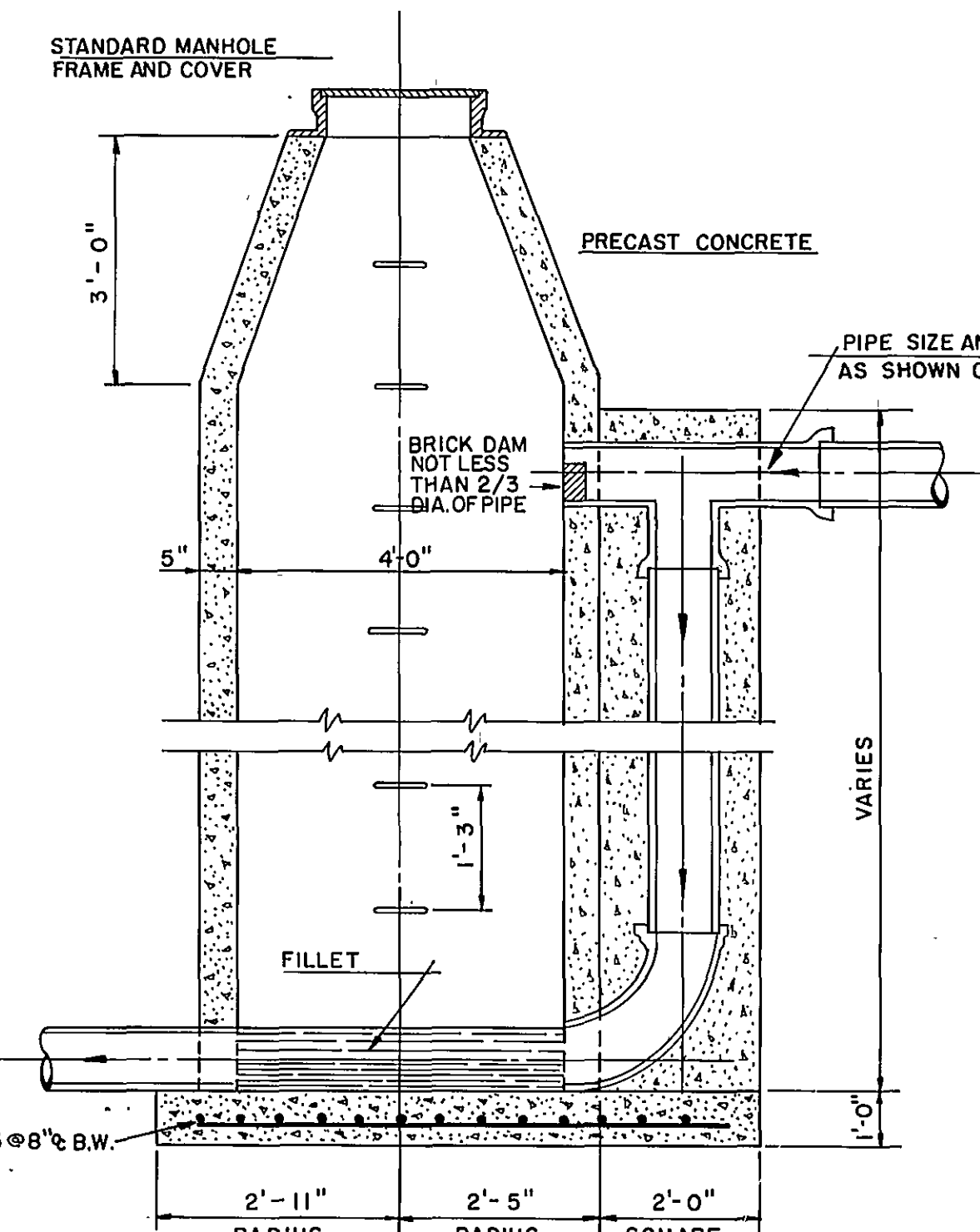
LONGITUDINAL SECTION

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

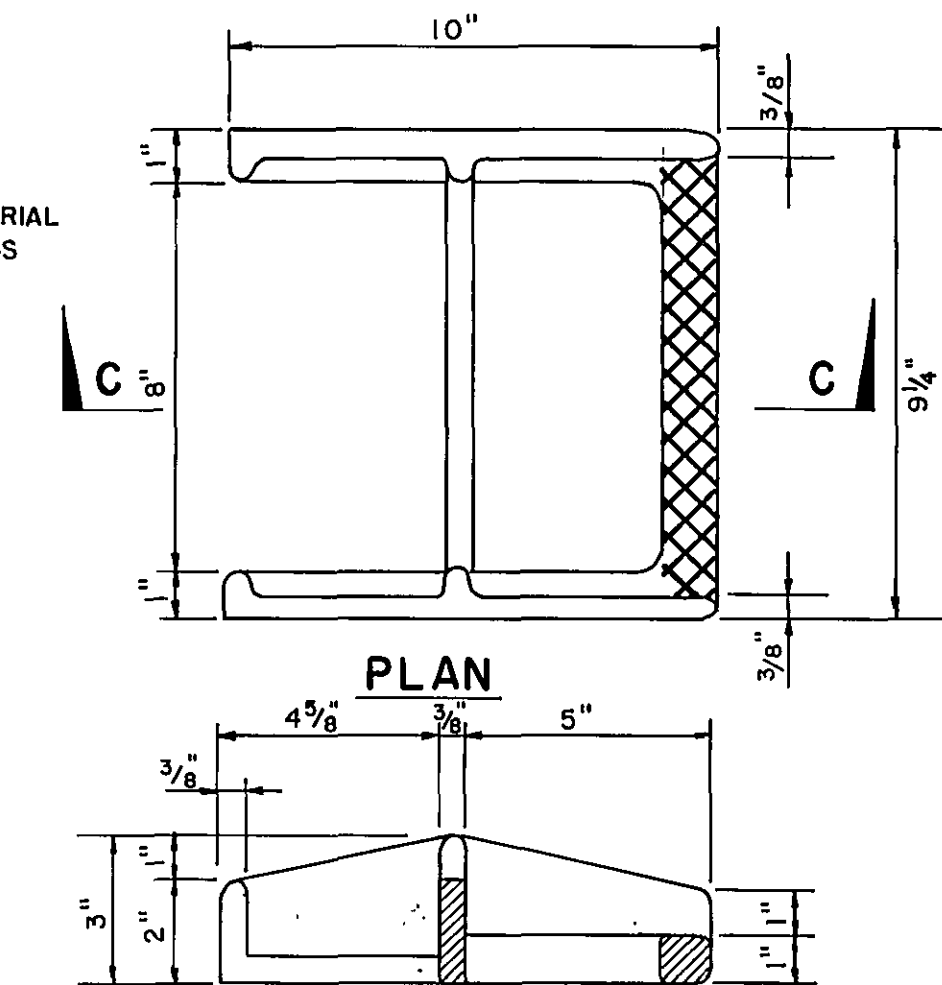


LONGITUDINAL SECTION

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

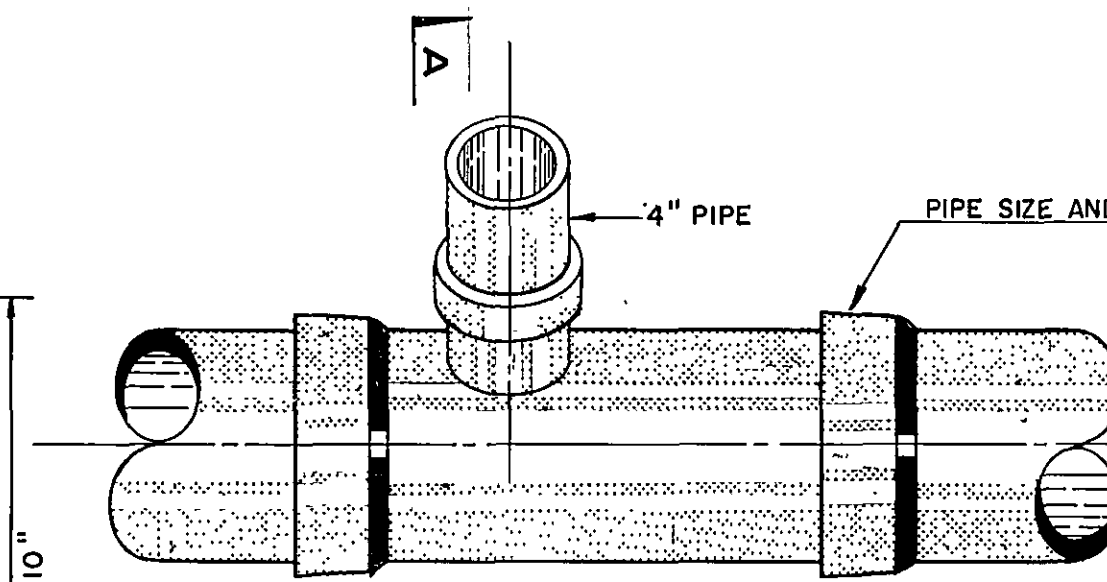


LONGITUDINAL SECTION

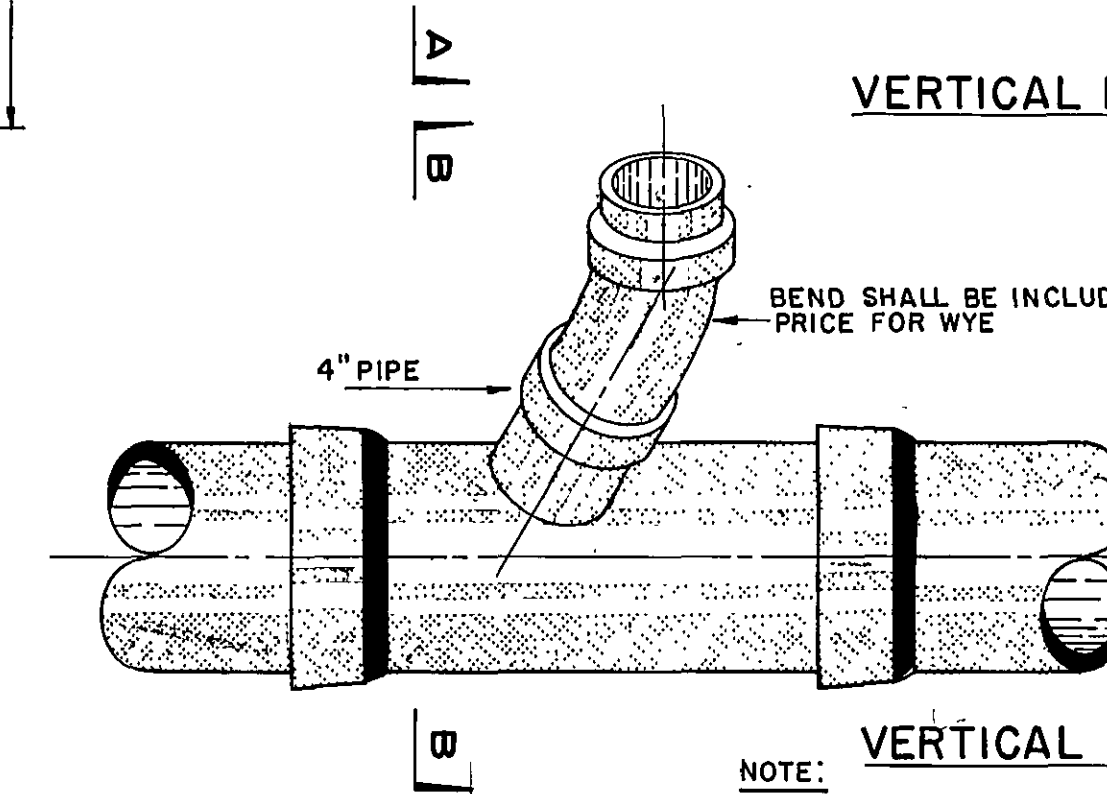


SECTION C-C
CAST IRON MANHOLE STEPS

MANHOLES
SCALE: 3" = 1'-0"

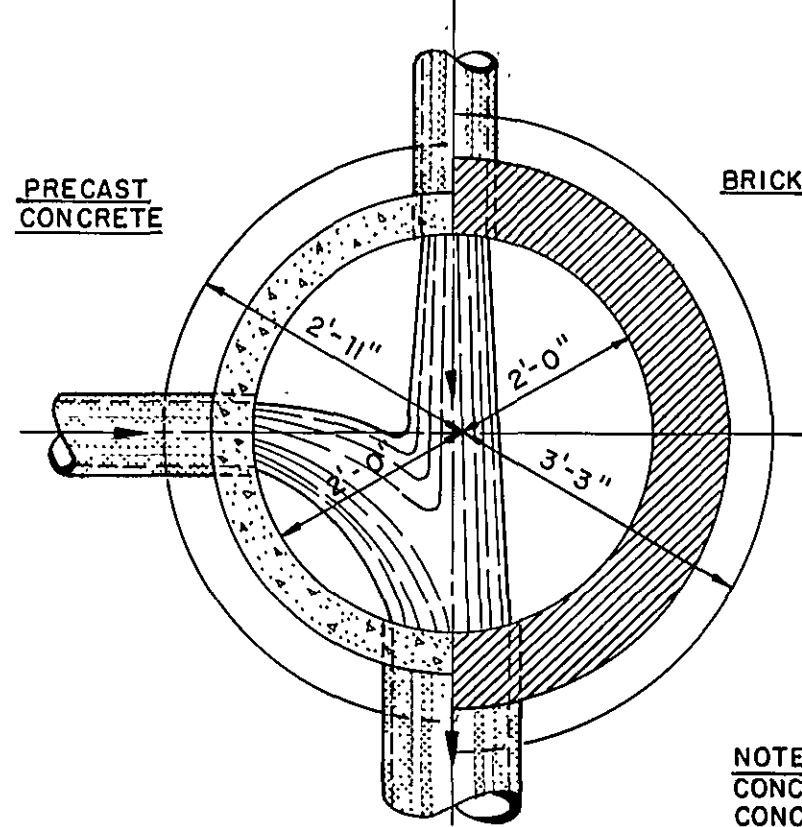


SECTION A-A

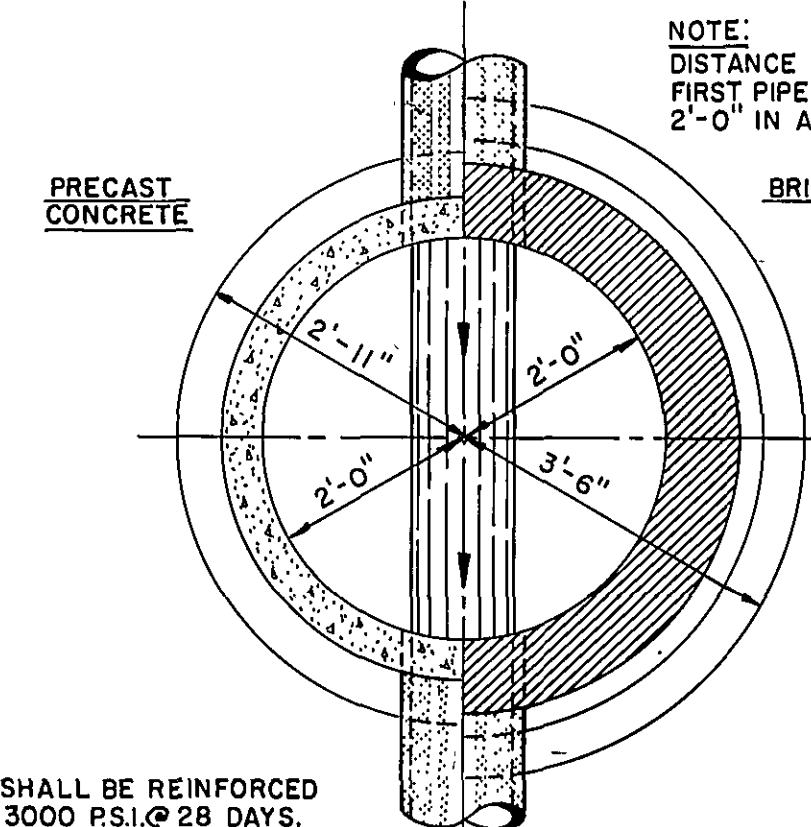


SECTION B-B

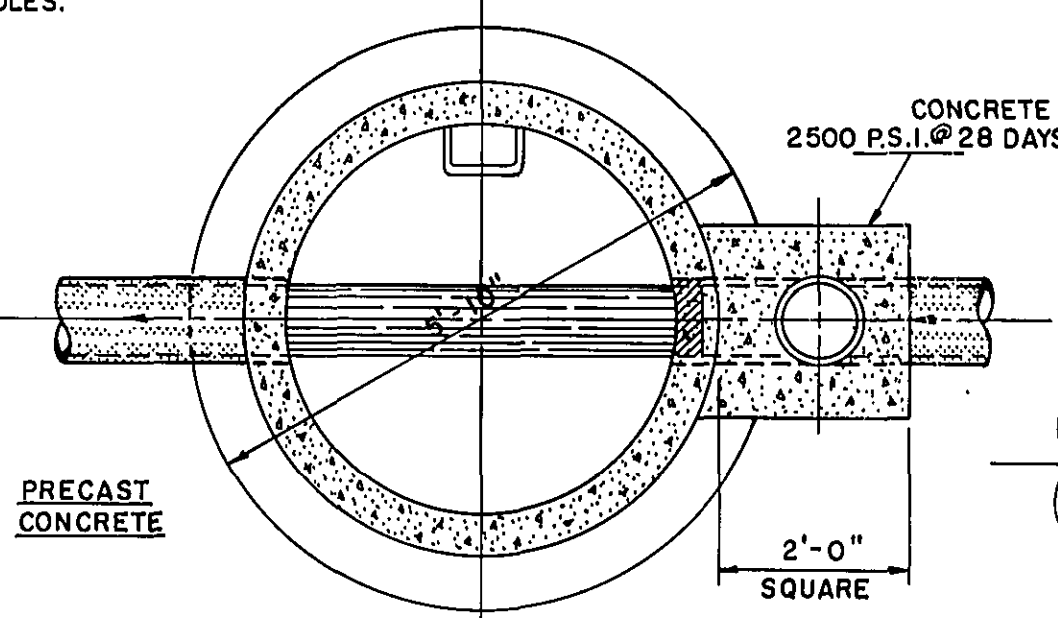
SERVICE CONNECTION DETAIL
NOT TO SCALE



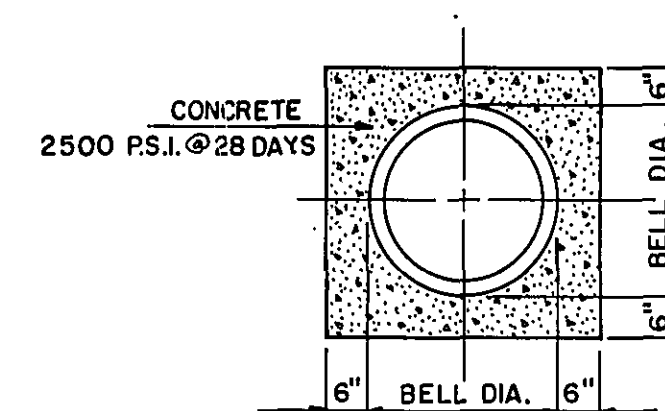
MANHOLE 0' TO 10'
TYPE "A"



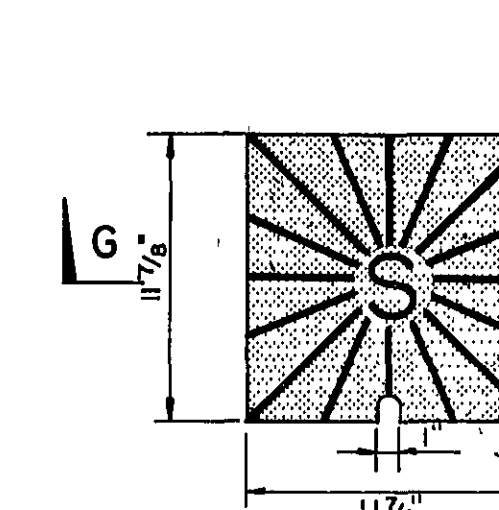
MANHOLE OVER 10'
TYPE "A"
MANHOLE DETAILS
SCALE 1/2" = 1'-0"



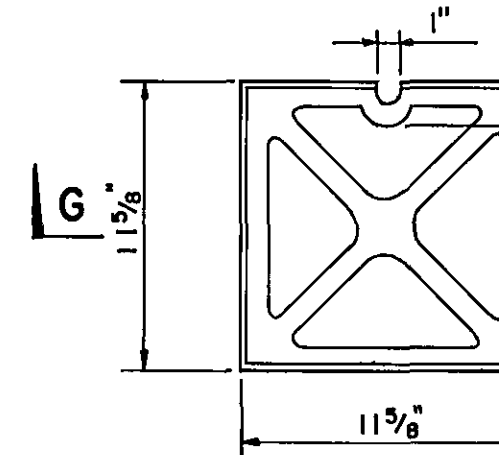
DROP MANHOLE
TYPE "B"



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

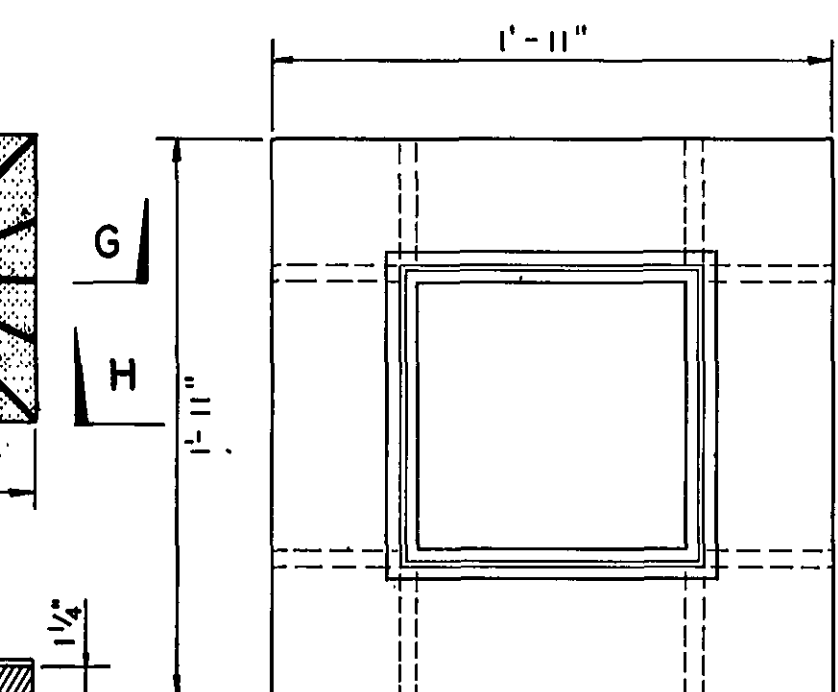


SECTION G-G

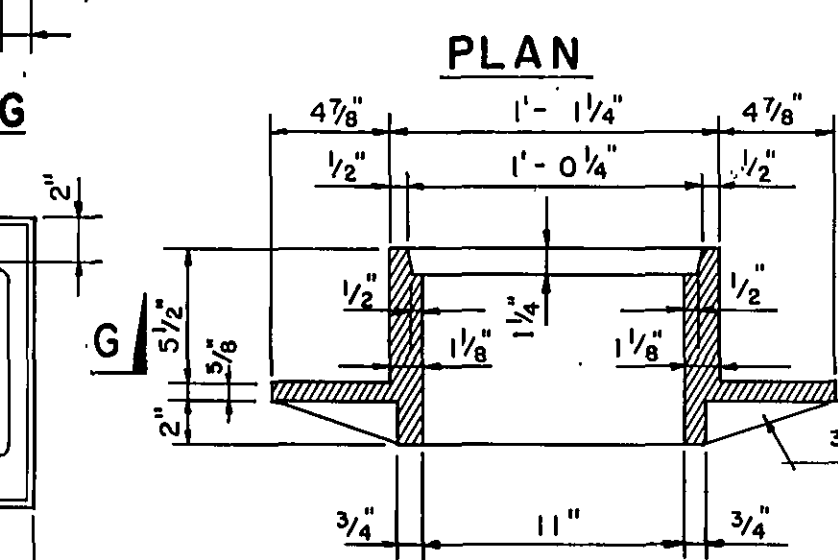


PLAN

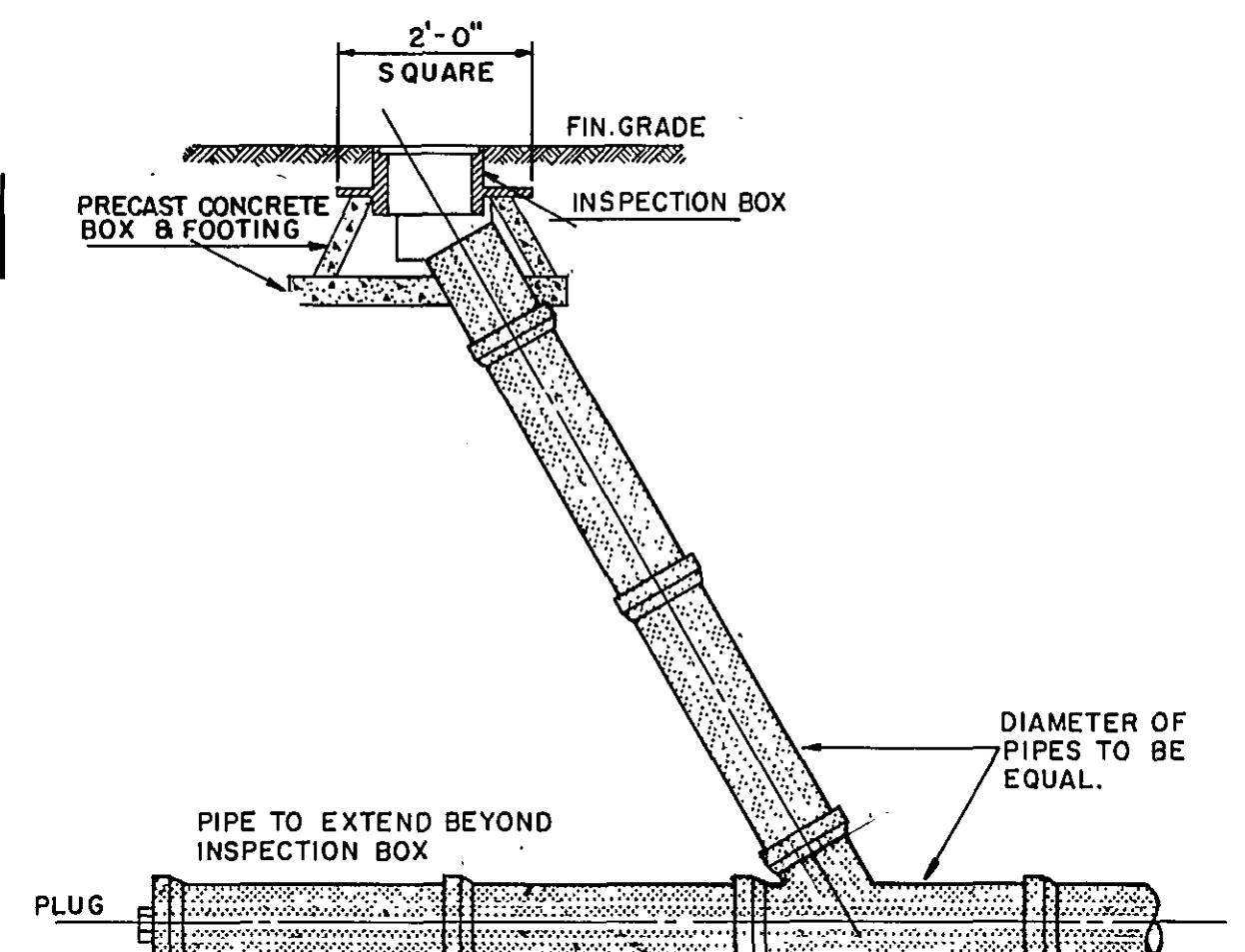
INSPECTION BOX FRAME AND COVER
SCALE 1 1/2" = 1'-0"



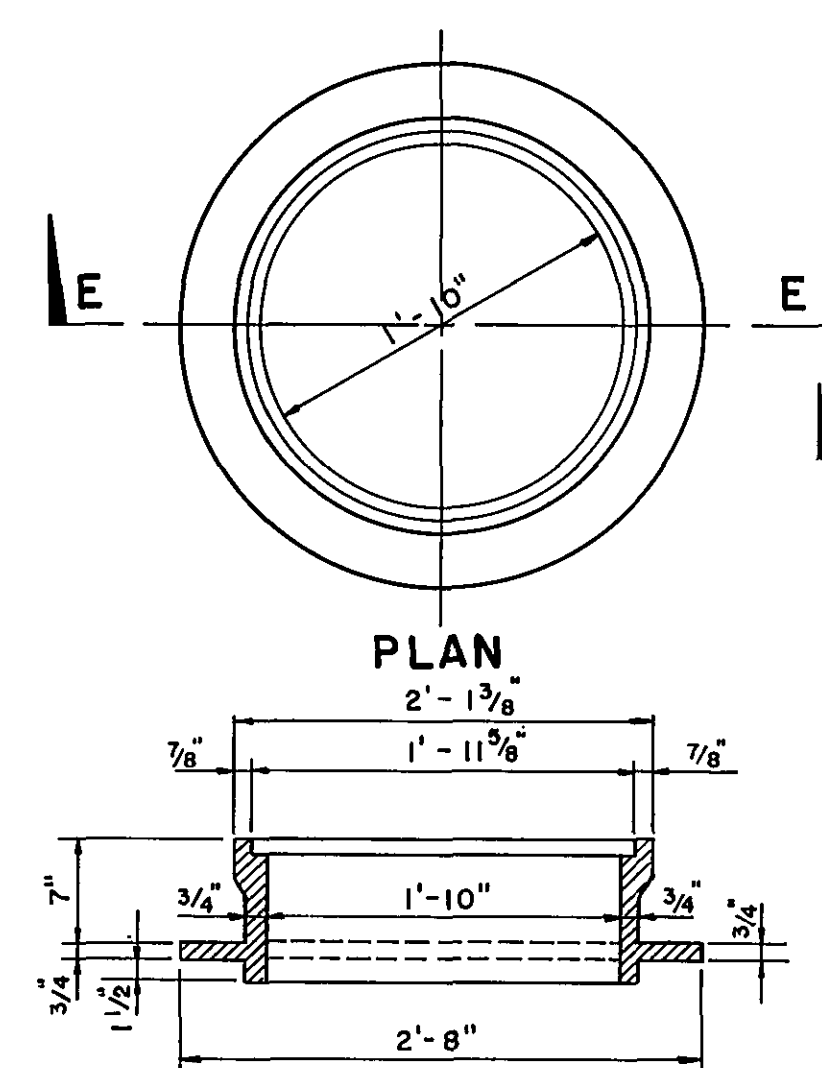
SECTION H-H



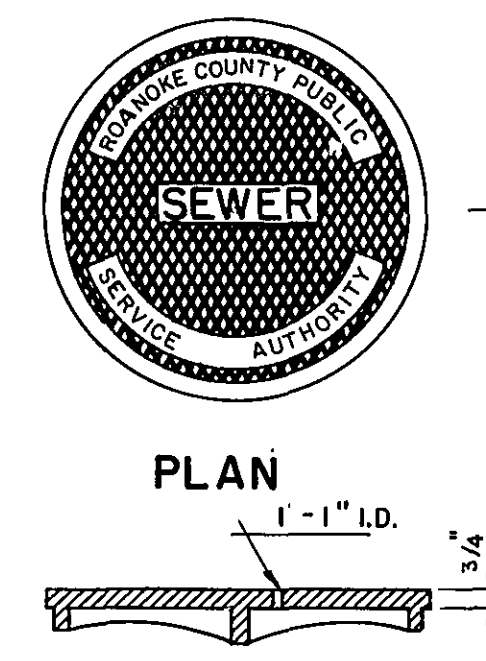
PLAN



CLEANOUT CONNECTION DETAIL
NOT TO SCALE

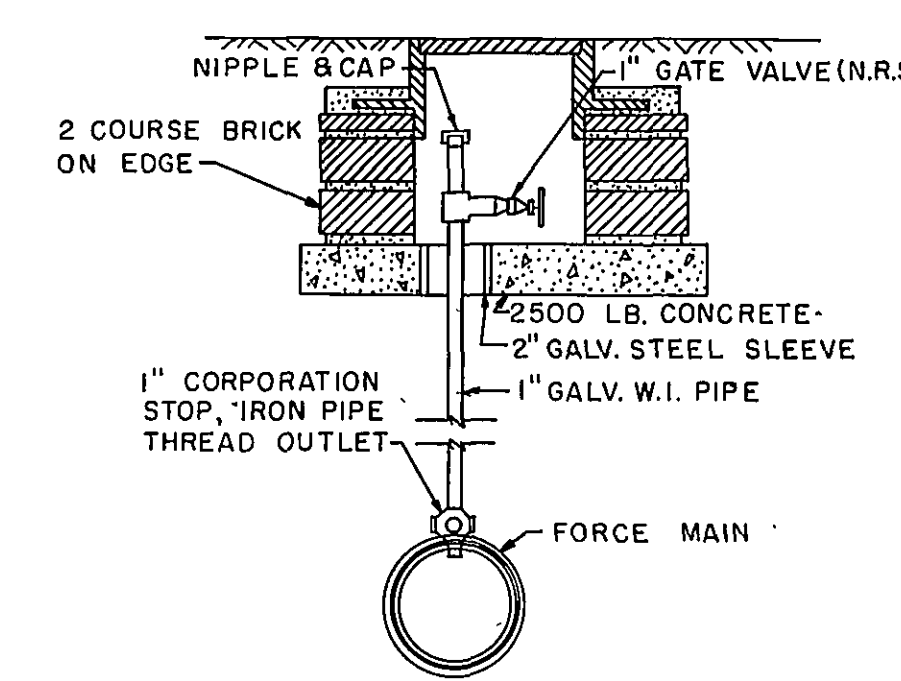


SECTION E-E
STANDARD MANHOLE FRAME & COVER
SCALE: 1" = 1'-0"

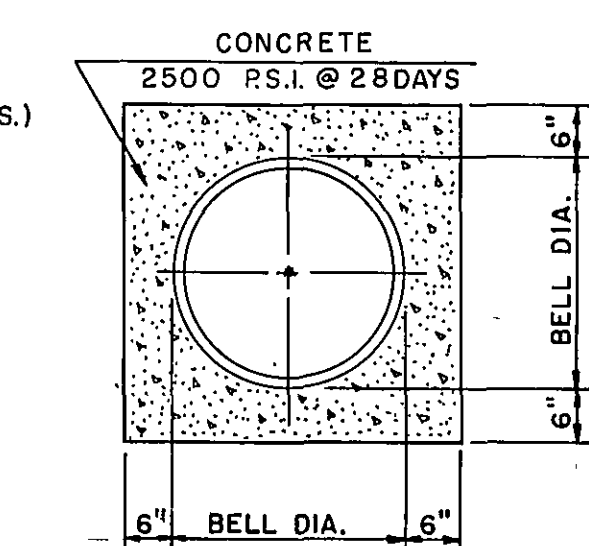


PLAN

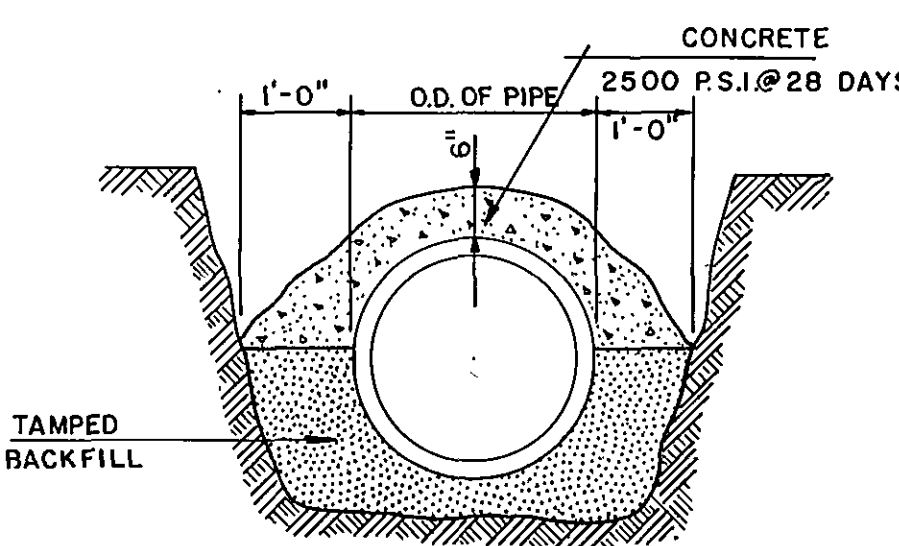
SECTION F-F



AIR VENT DETAIL

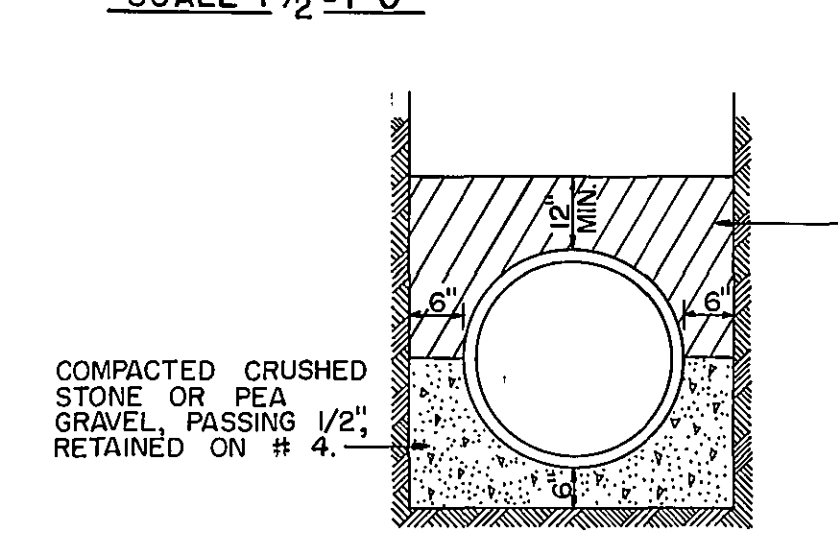


CONCRETE ENCASED
PIPE



CONCRETE CAP

CONSTRUCTION DETAILS
NOT TO SCALE



STANDARD GRAVEL
BEDDING



AS BUILT

ROANOKE COUNTY PUBLIC SERVICE AUTHORITY ROANOKE COUNTY, VIRGINIA		
SANITARY	SEWERAGE	SYSTEM
PETERS CREEK	INTERCEPTOR	
PROJECT No. 71-1-S		
DETAILS		
DES: W.E.C.	LANGLEY, McDONALD and OVERMAN	SCALE: AS SHOWN
DR: G.E.R.	CONSULTING ENGINEERS	DATE:
CK: W.E.C.	NORFOLK, VIRGINIA	SHEET 7 OF 7