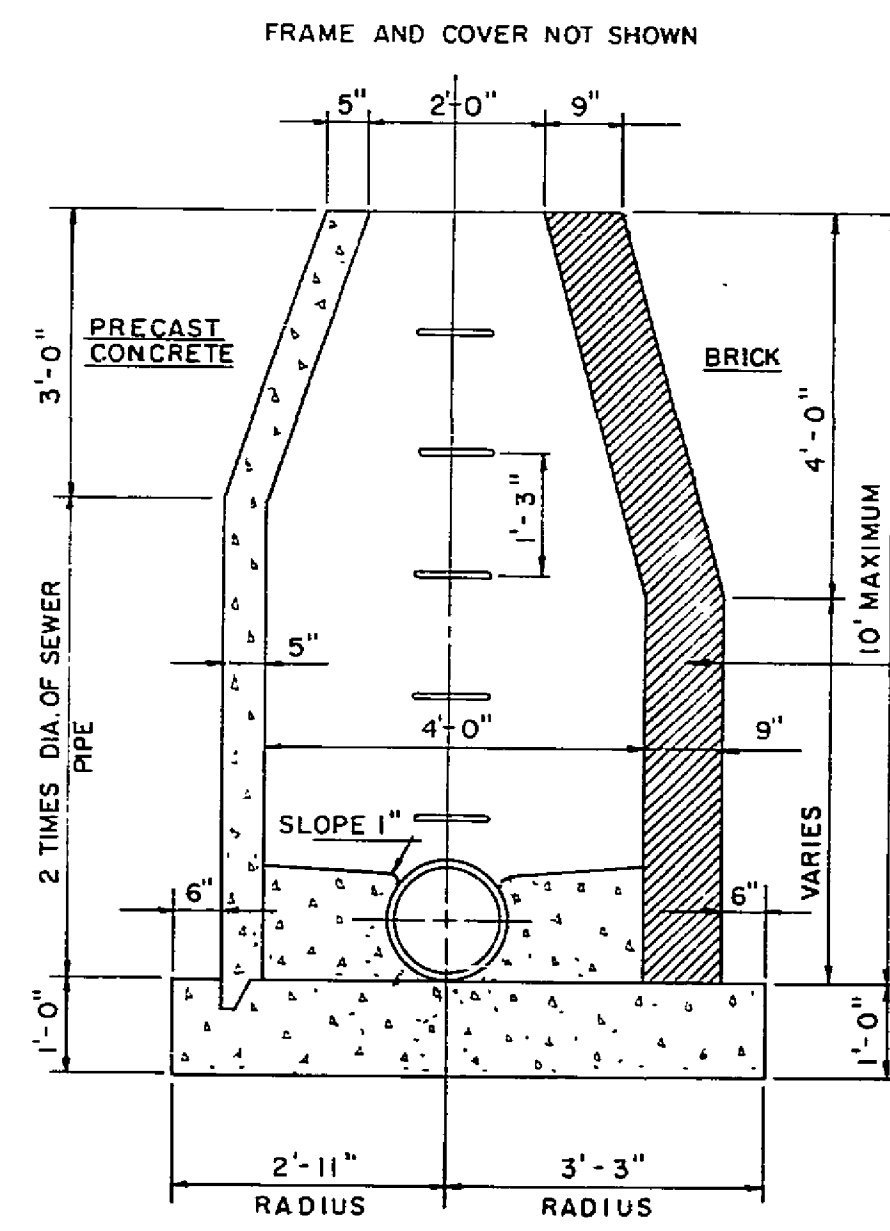
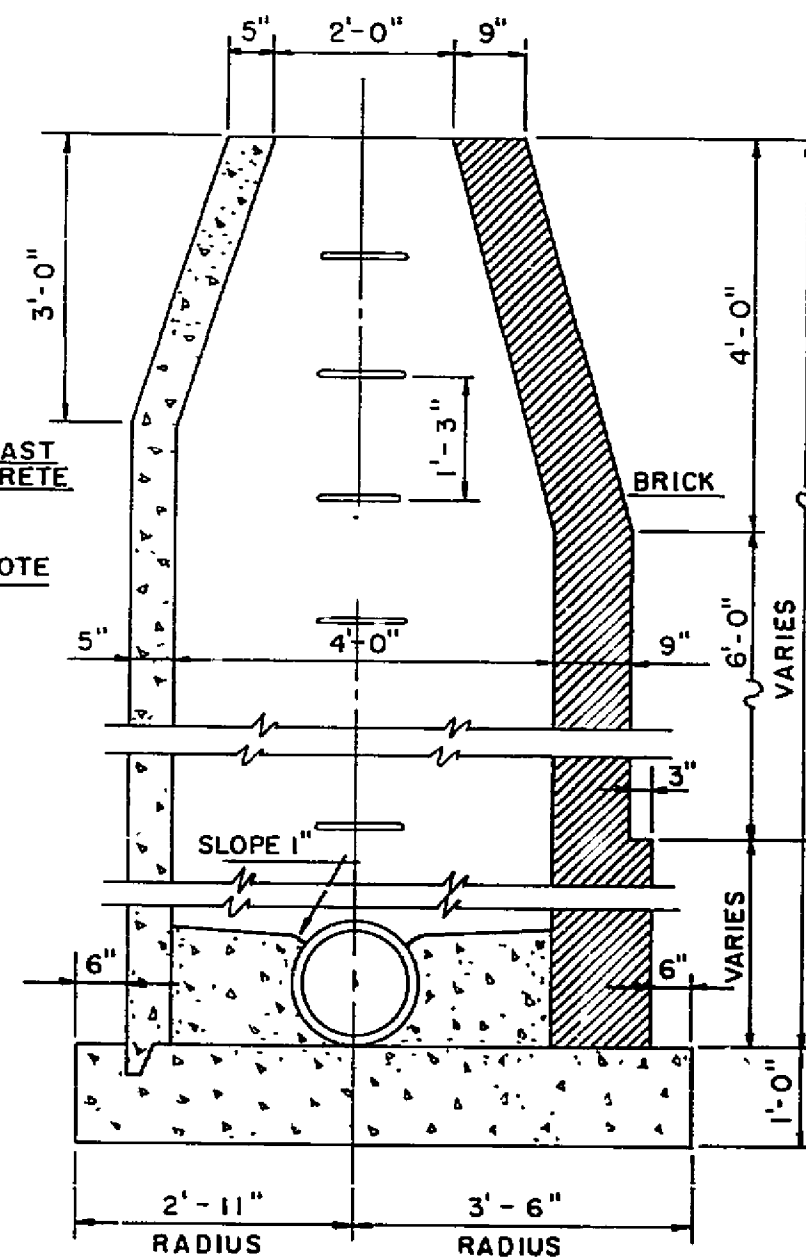




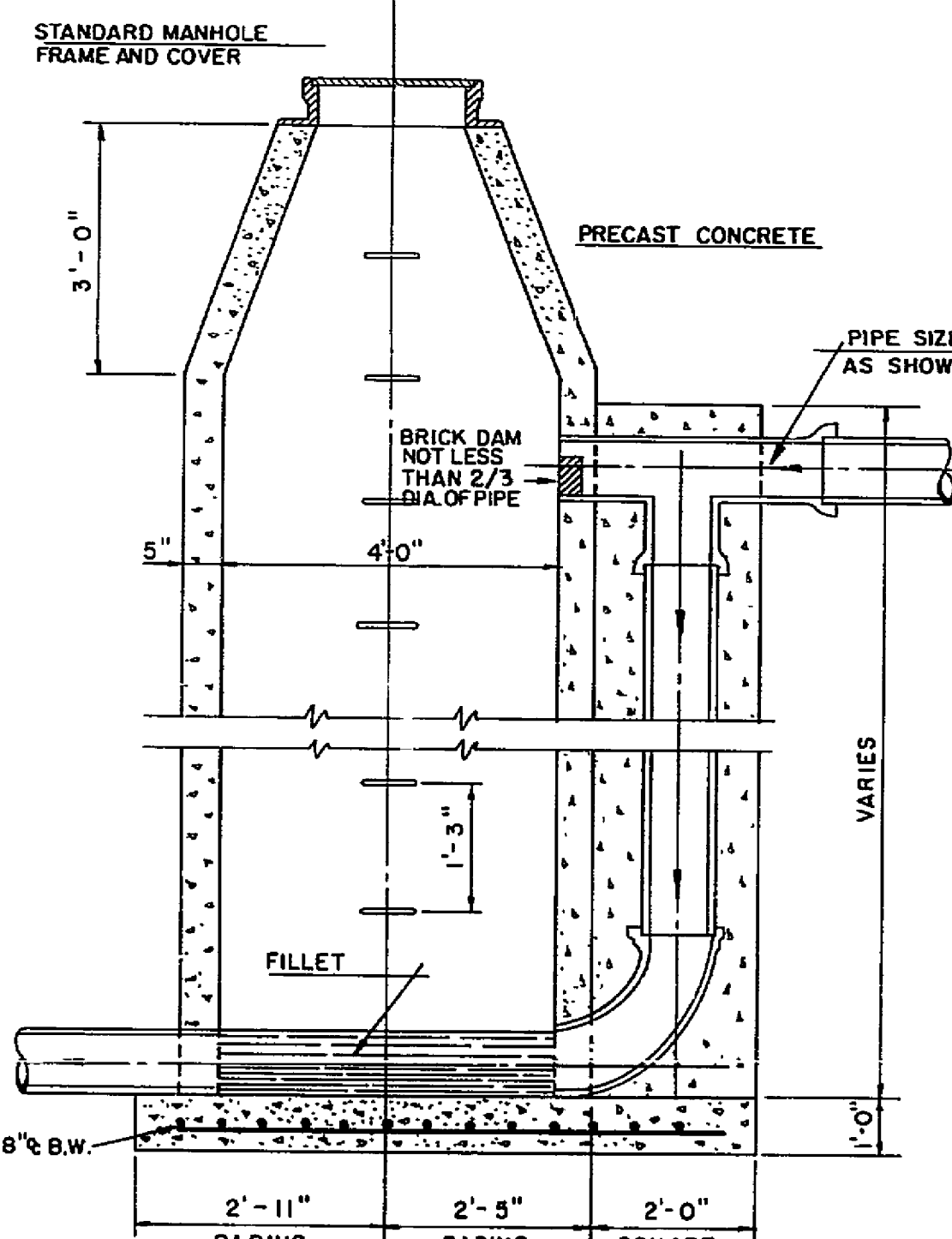
LONGITUDINAL SECTION

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

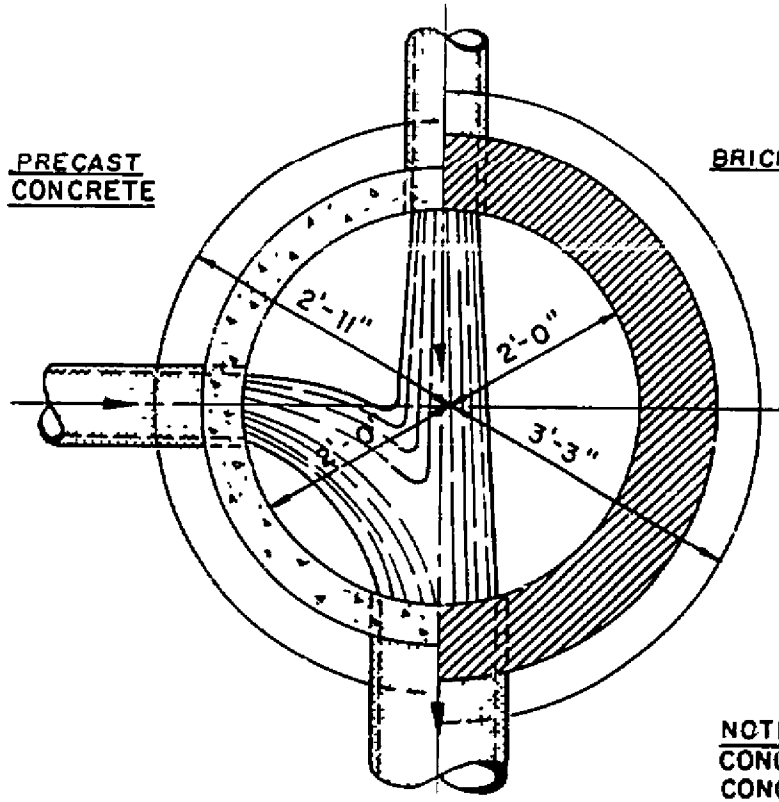


LONGITUDINAL SECTION

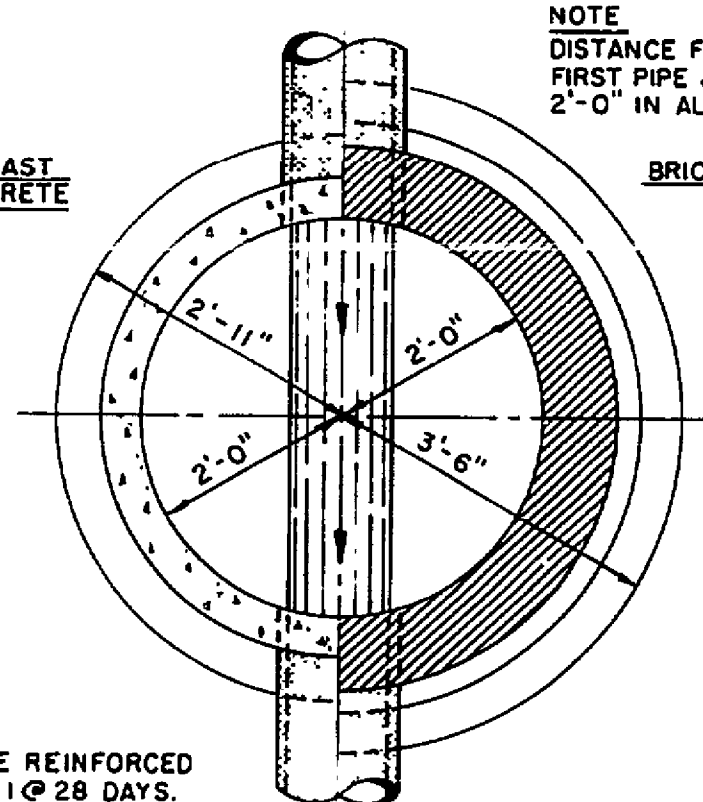
NOTE: DISTANCE FROM MANHOLE TO FIRST PIPE JOINT SHALL BE 2'-0" IN ALL MANHOLES.



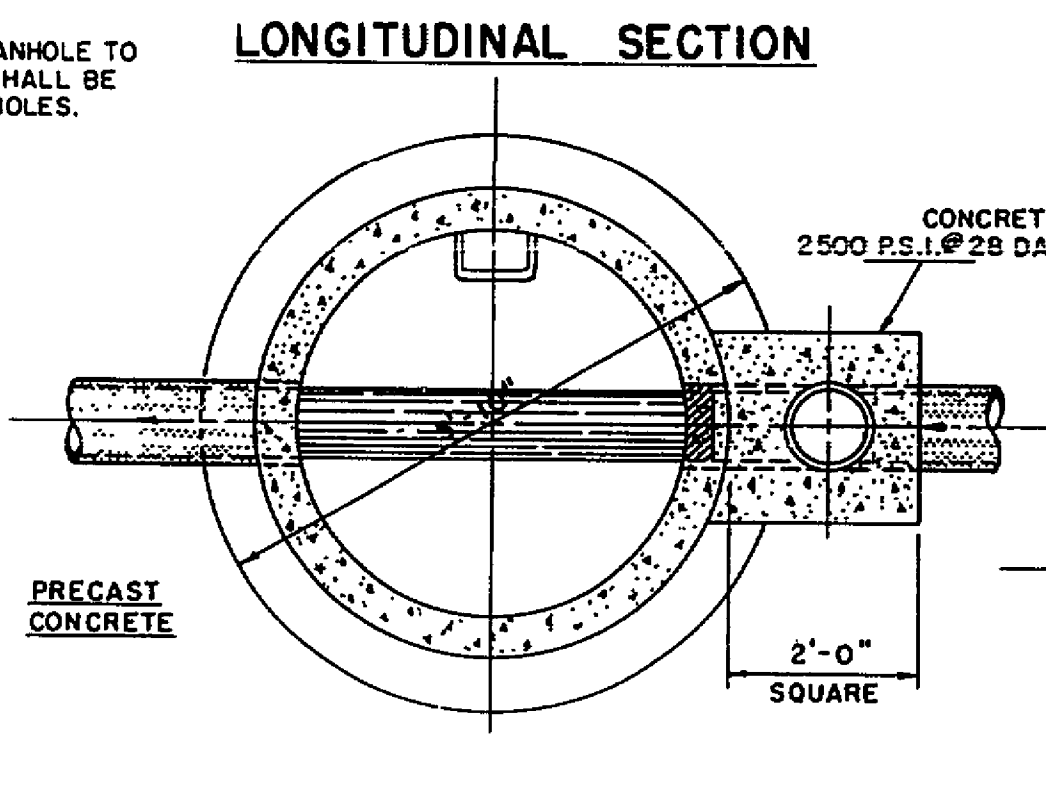
LONGITUDINAL SECTION



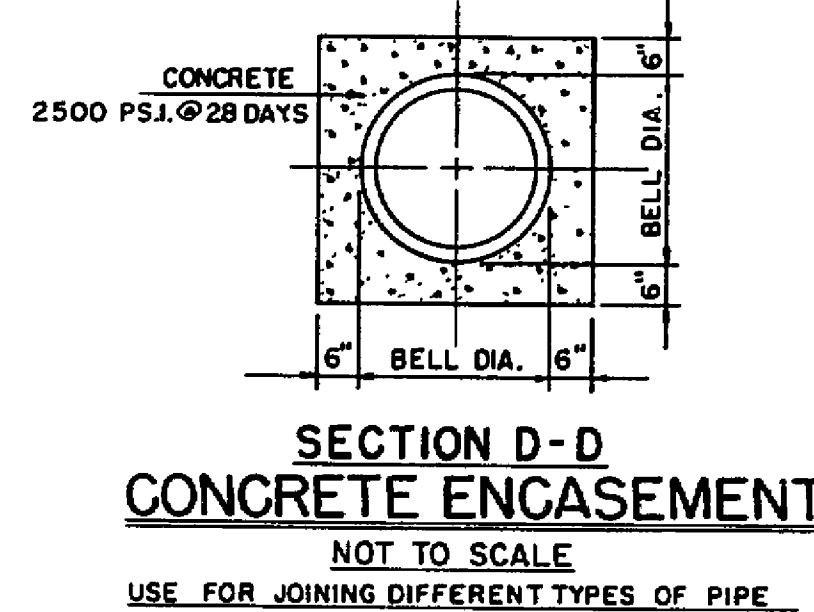
MANHOLE 0' TO 10' TYPE "A"



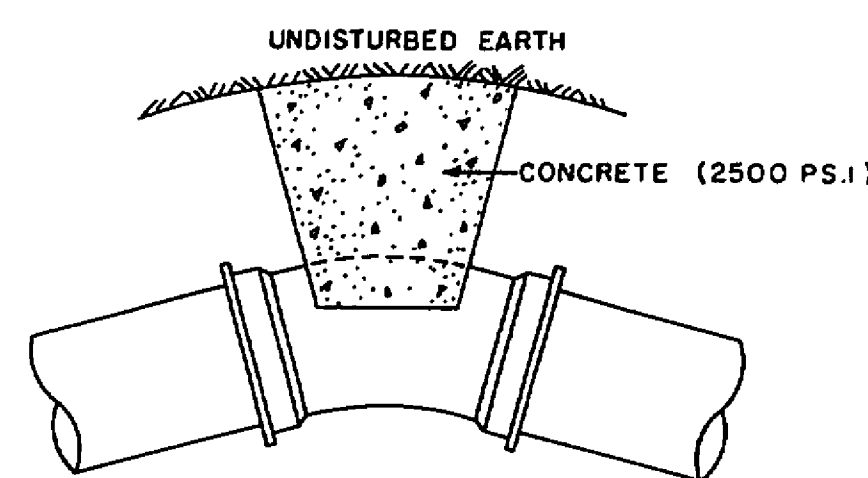
MANHOLE OVER 10' TYPE "A" MANHOLE DETAILS SCALE 1/2" = 1'-0"



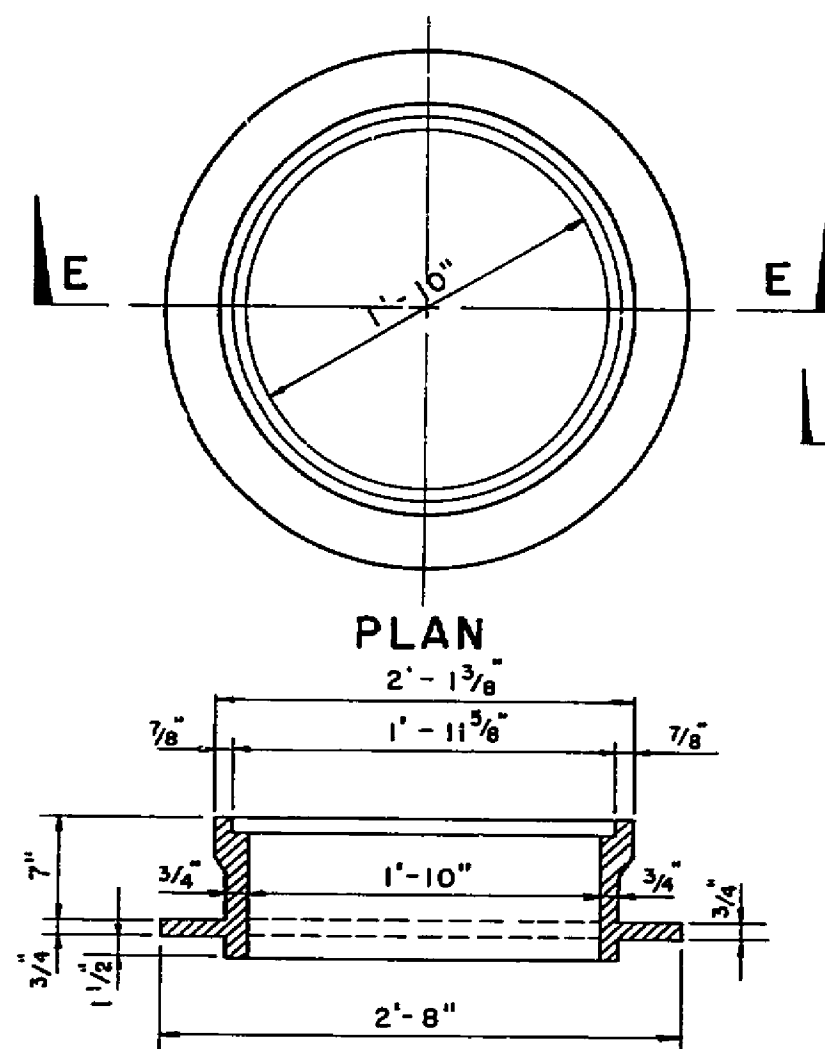
DROP MANHOLE TYPE "B"



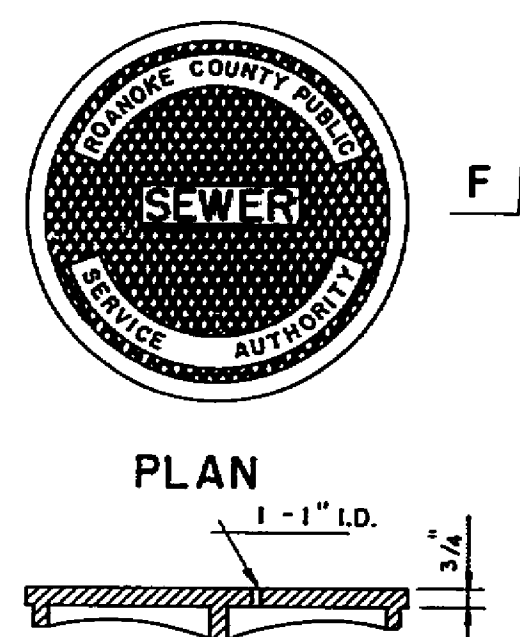
SECTION D-D CONCRETE ENCASEMENT NOT TO SCALE USE FOR JOINING DIFFERENT TYPES OF PIPE



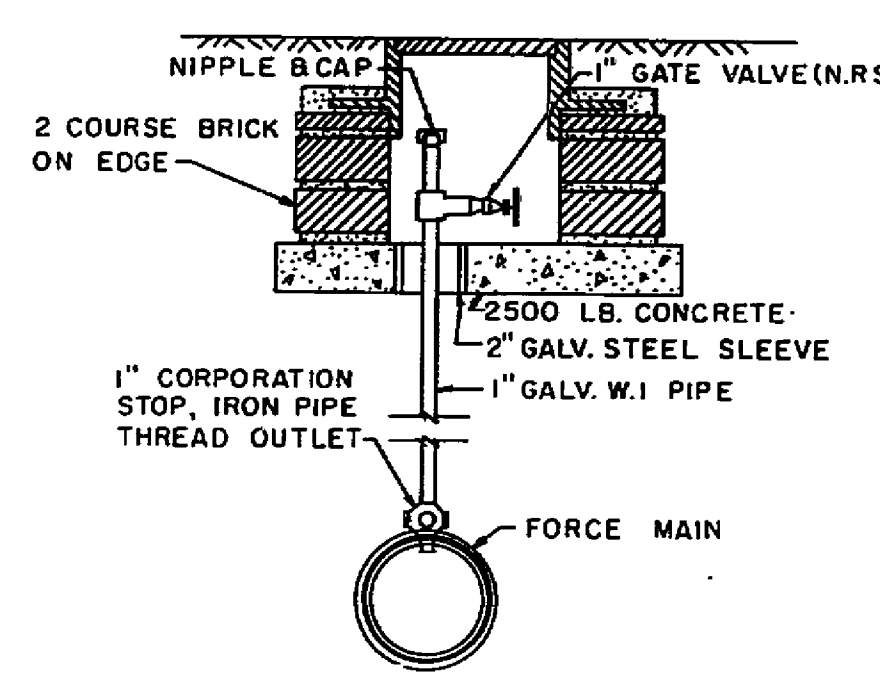
THRUST BLOCK



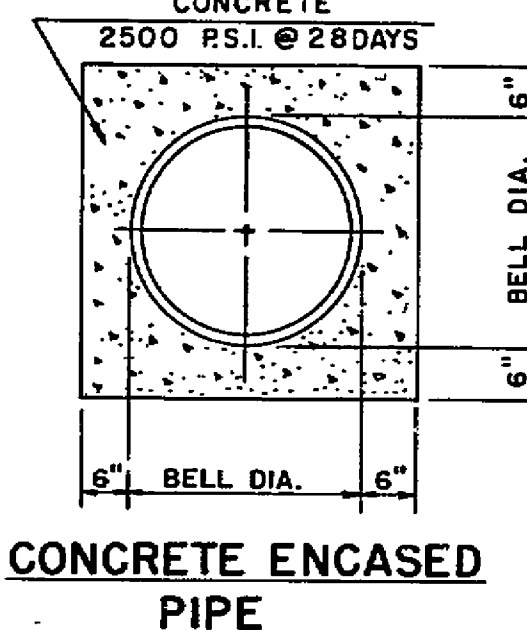
SECTION E-E STANDARD MANHOLE FRAME & COVER SCALE: 1" = 1'-0"



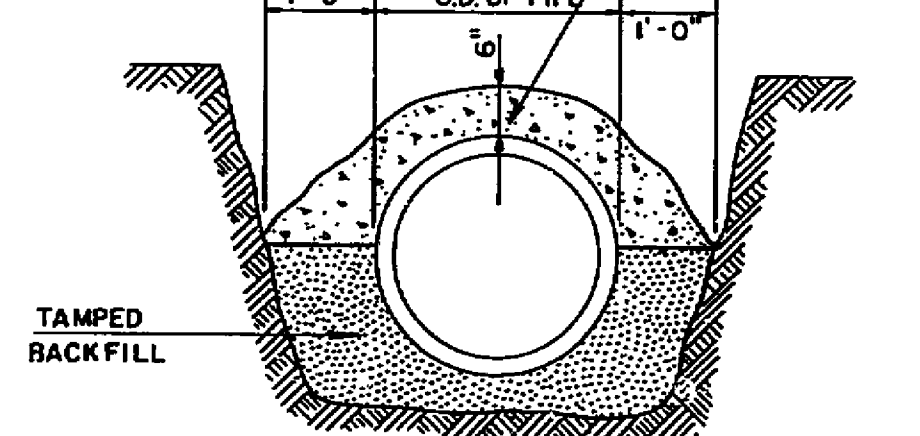
SECTION F-F



AIR VENT DETAIL

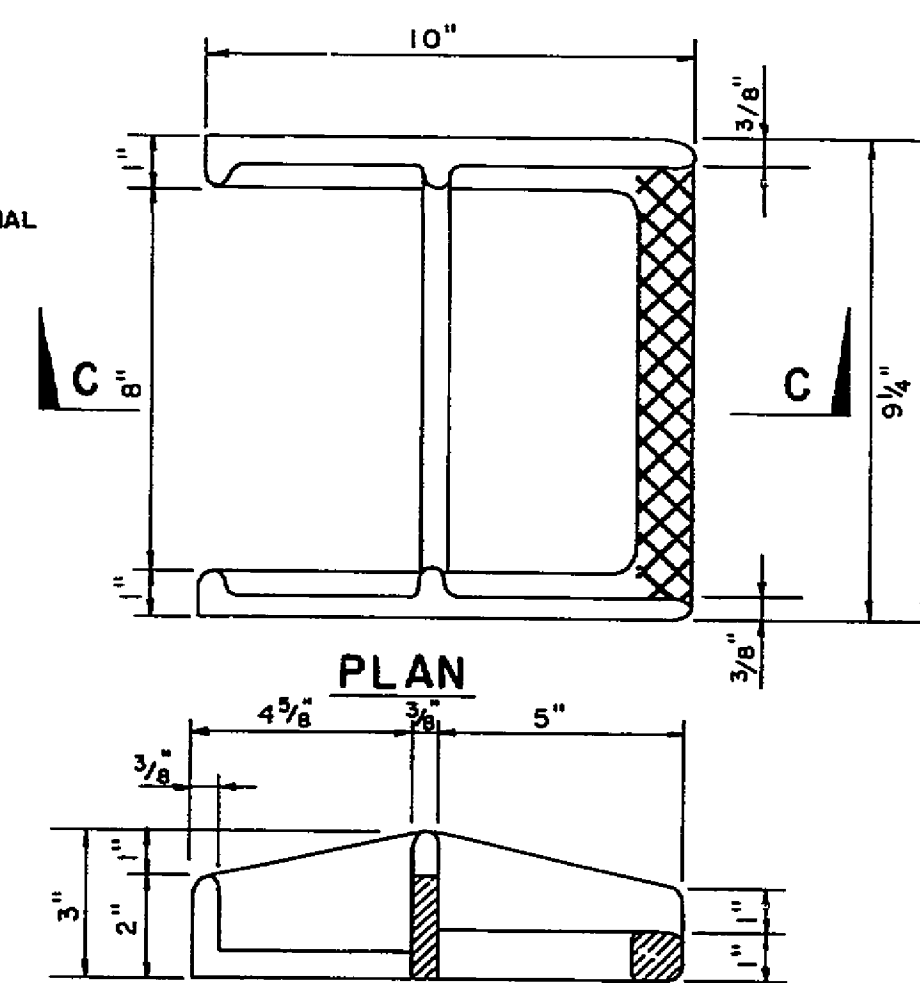


CONCRETE ENCASED PIPE

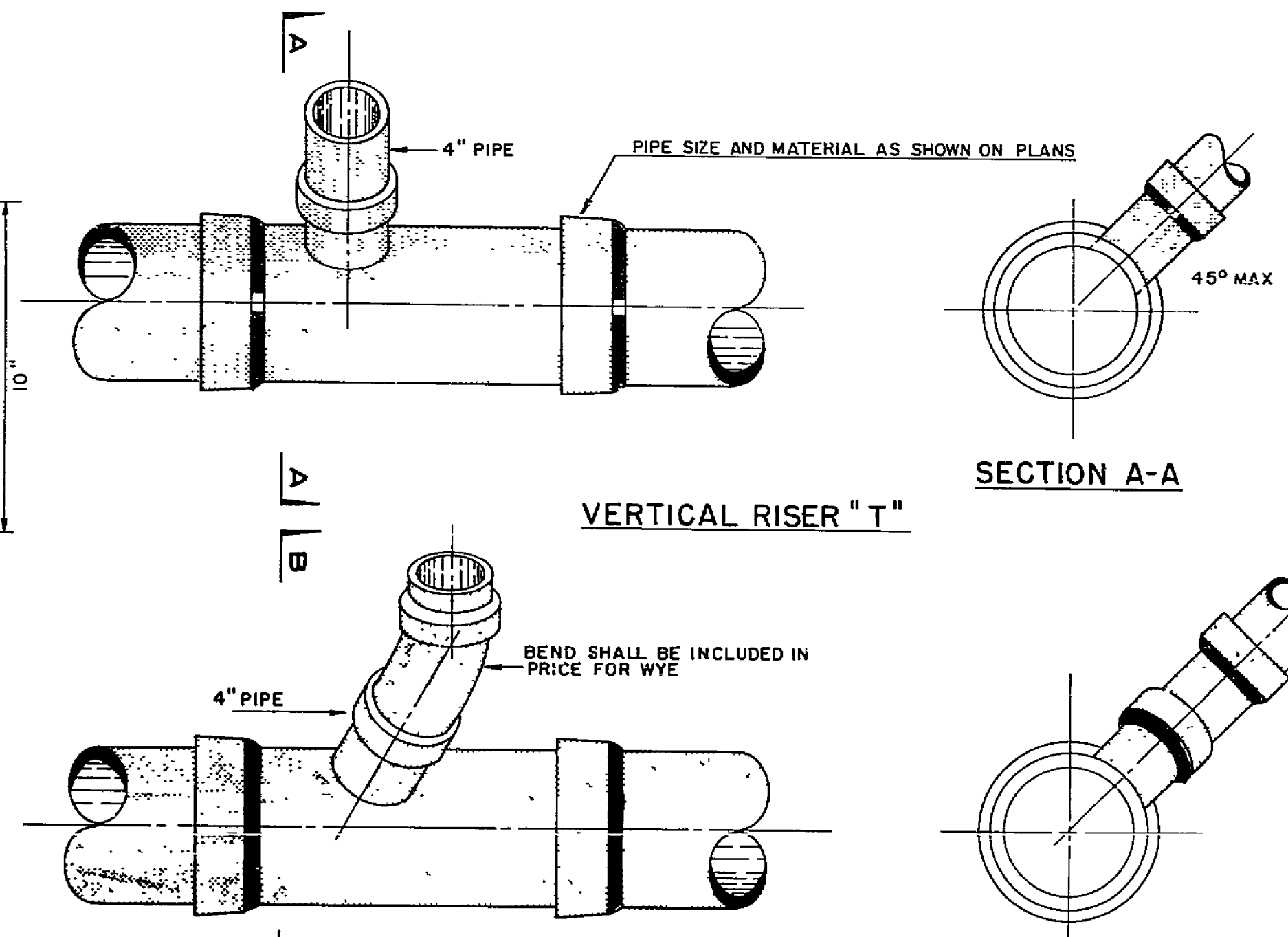


CONCRETE CAP

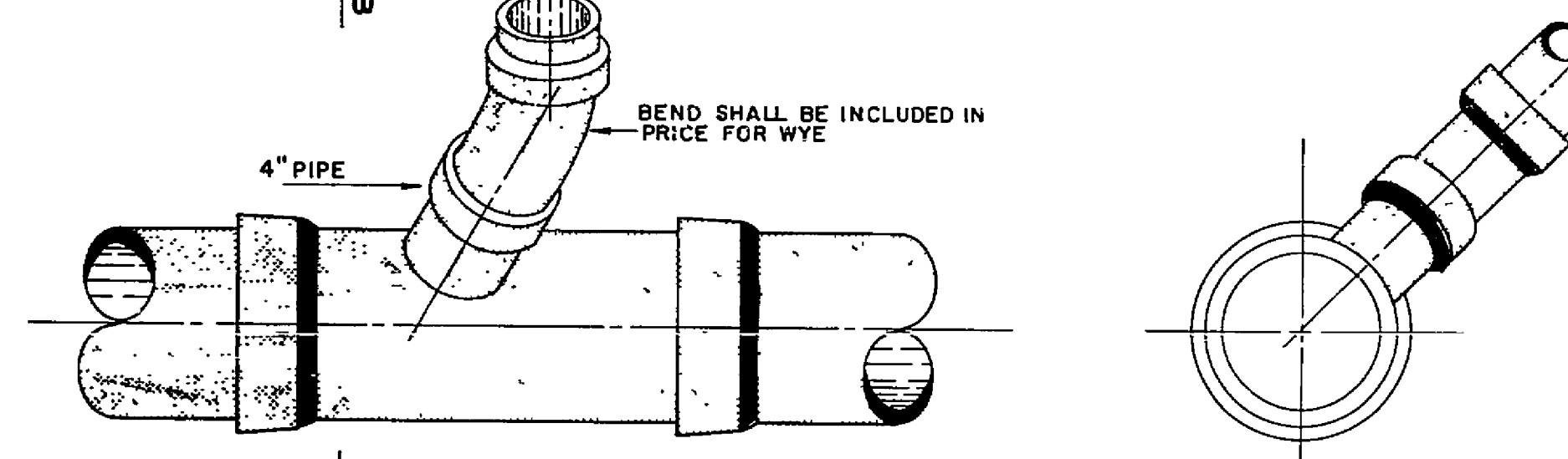
CONSTRUCTION DETAILS NOT TO SCALE



SECTION C-C CAST IRON MANHOLE STEPS MANHOLES SCALE: 3" = 1'-0"

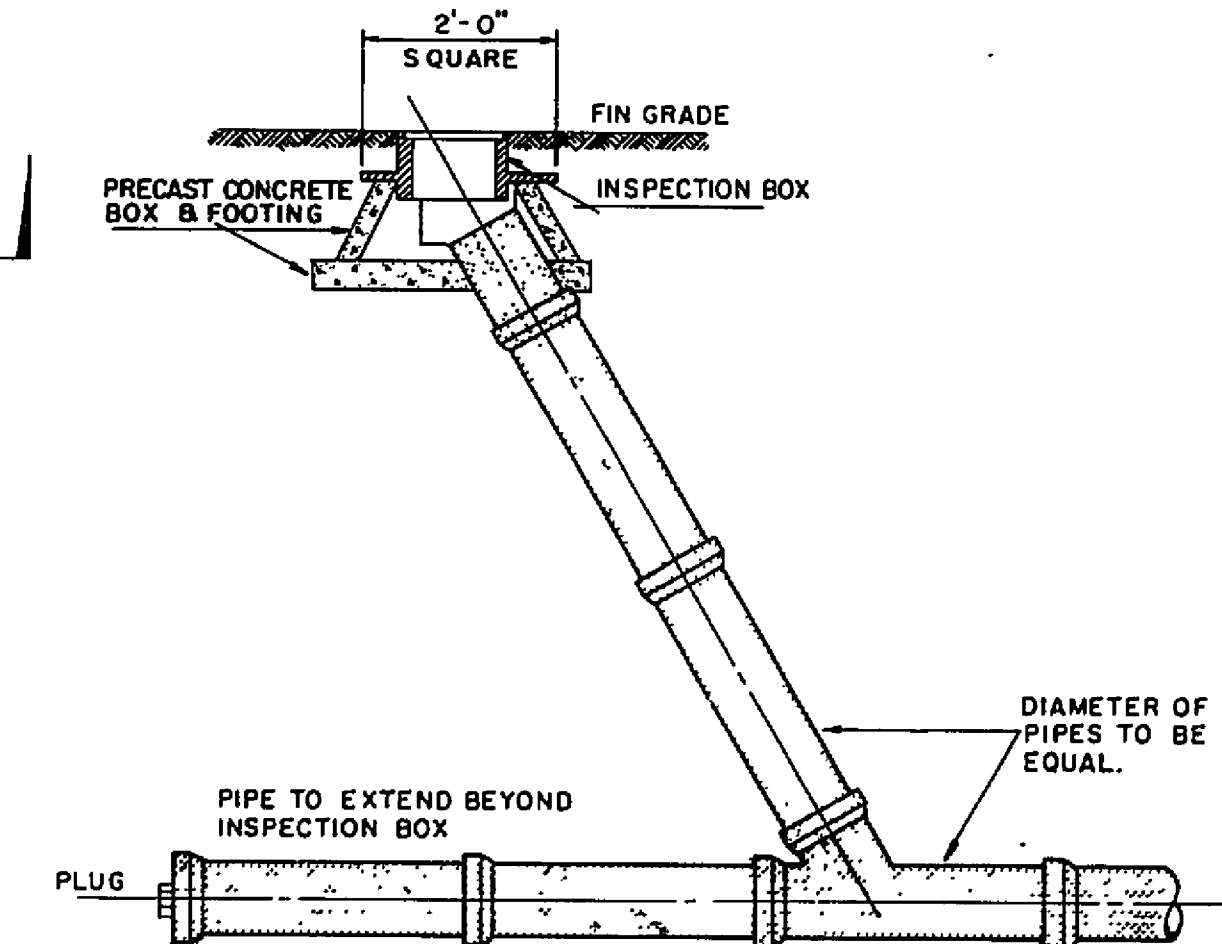
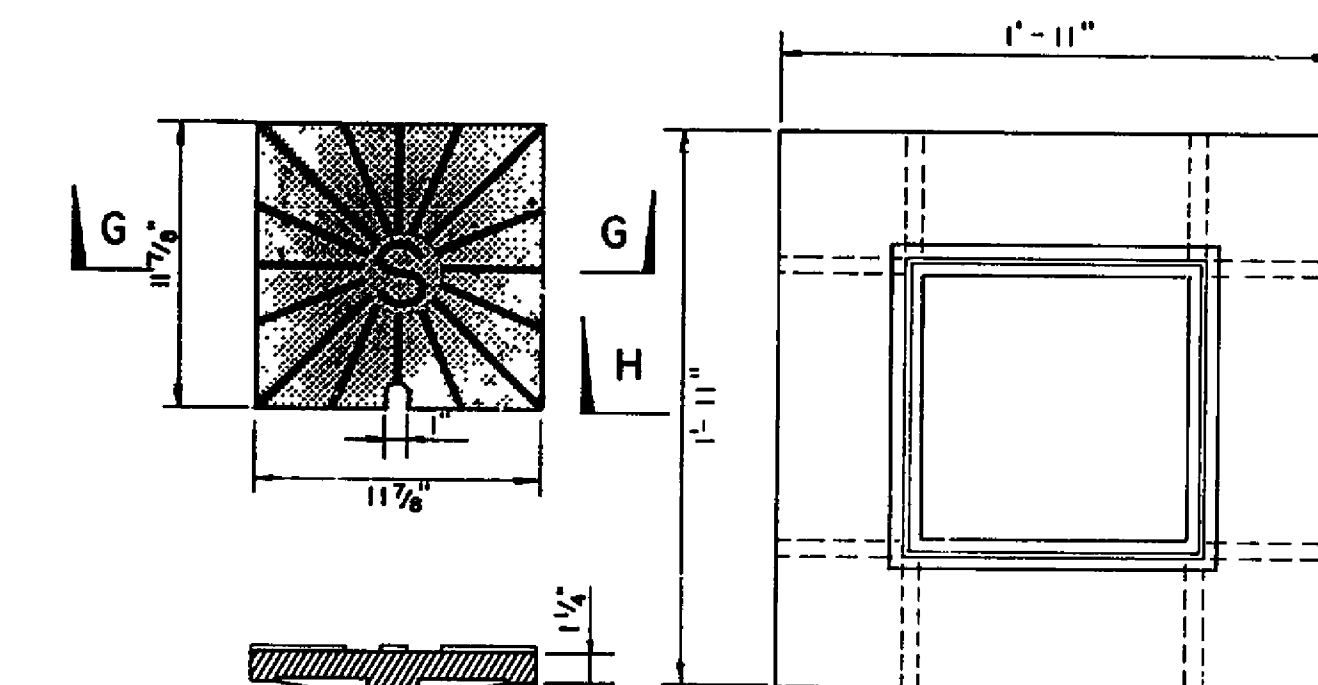


SECTION A-A

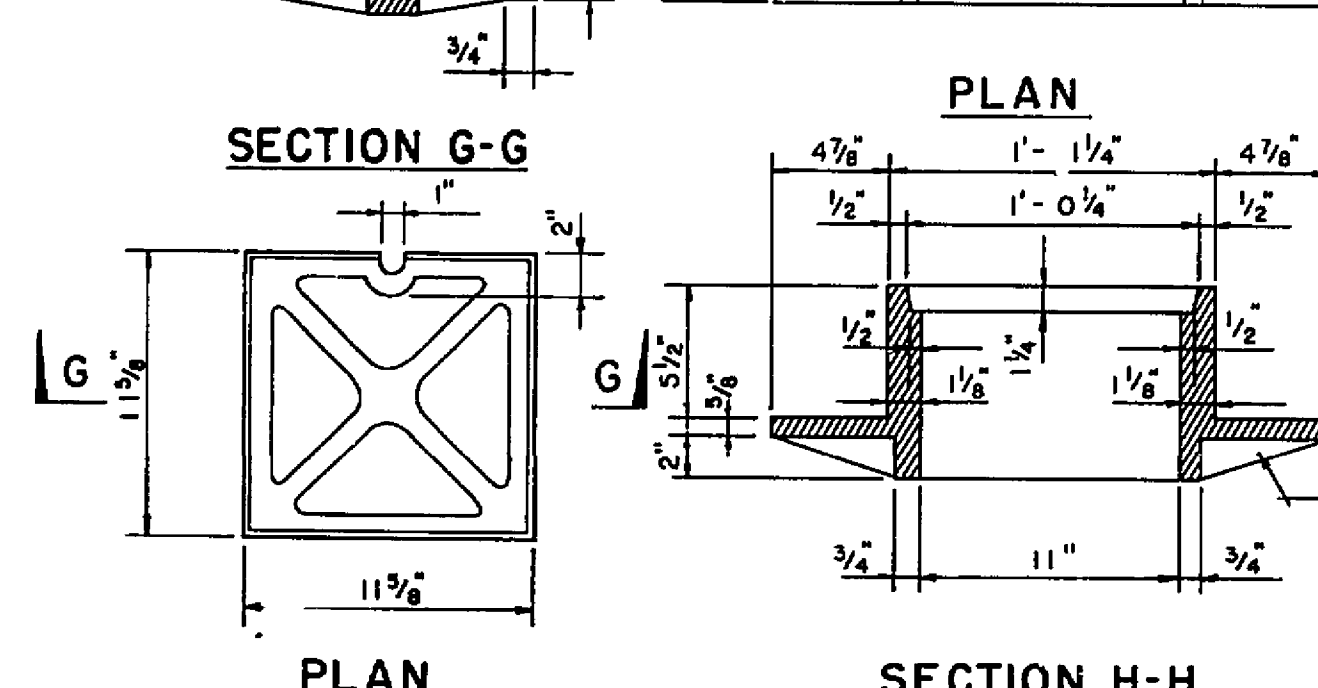


SECTION B-B

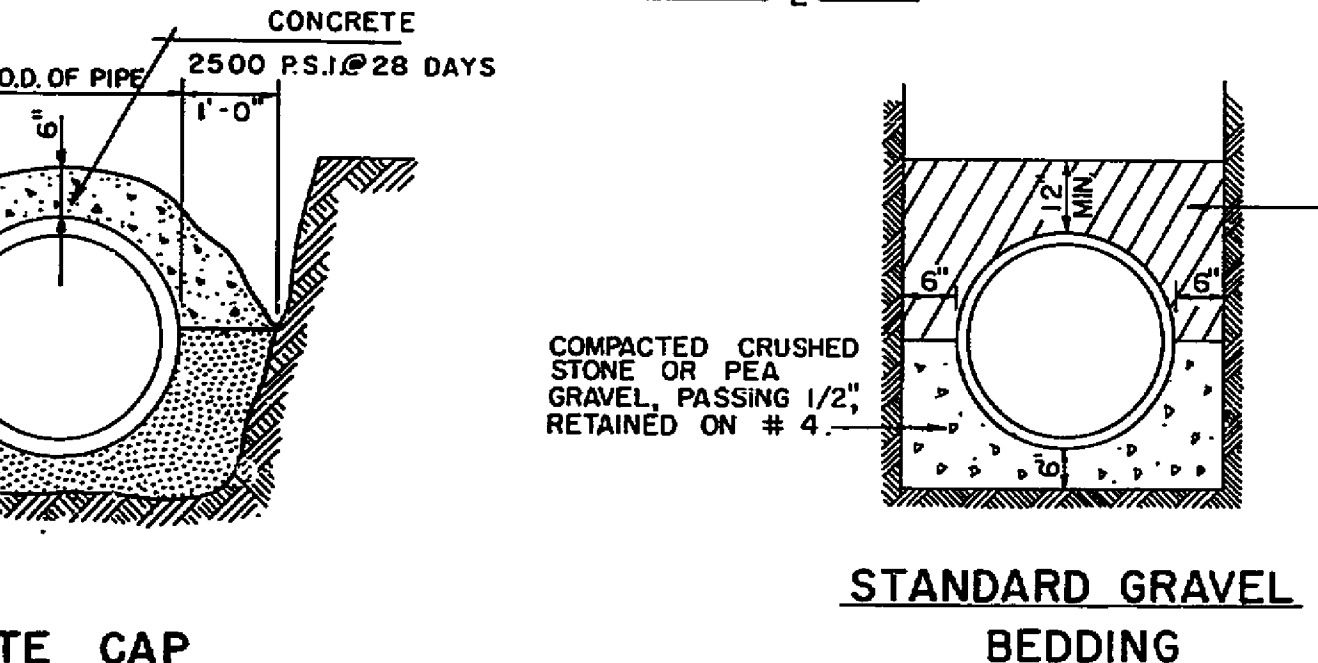
SERVICE CONNECTION DETAIL NOT TO SCALE



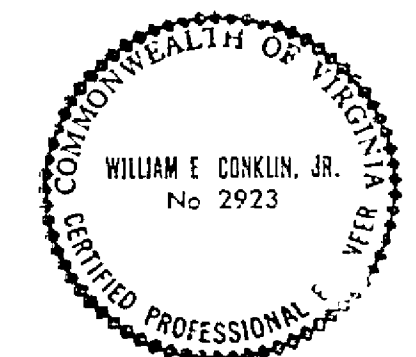
CLEANOUT CONNECTION DETAIL NOT TO SCALE



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



STANDARD GRAVEL BEDDING



ROANOKE COUNTY PUBLIC SERVICE AUTHORITY ROANOKE COUNTY, VIRGINIA		
SANITARY CARVINS	SEWERAGE CREEK	SYSTEM INTERCEPTOR
PROJECT No. 71-5-S DETAILS		
DES: L. G. R.	LANGLEY, McDONALD and OVERMAN CONSULTING ENGINEERS NORFOLK, VIRGINIA	
DR: G. E. R.	SCALE: AS SHOWN DATE: 8/10/71 SHEET 6 OF 6	
CK: W. E. C.		

SI-0318