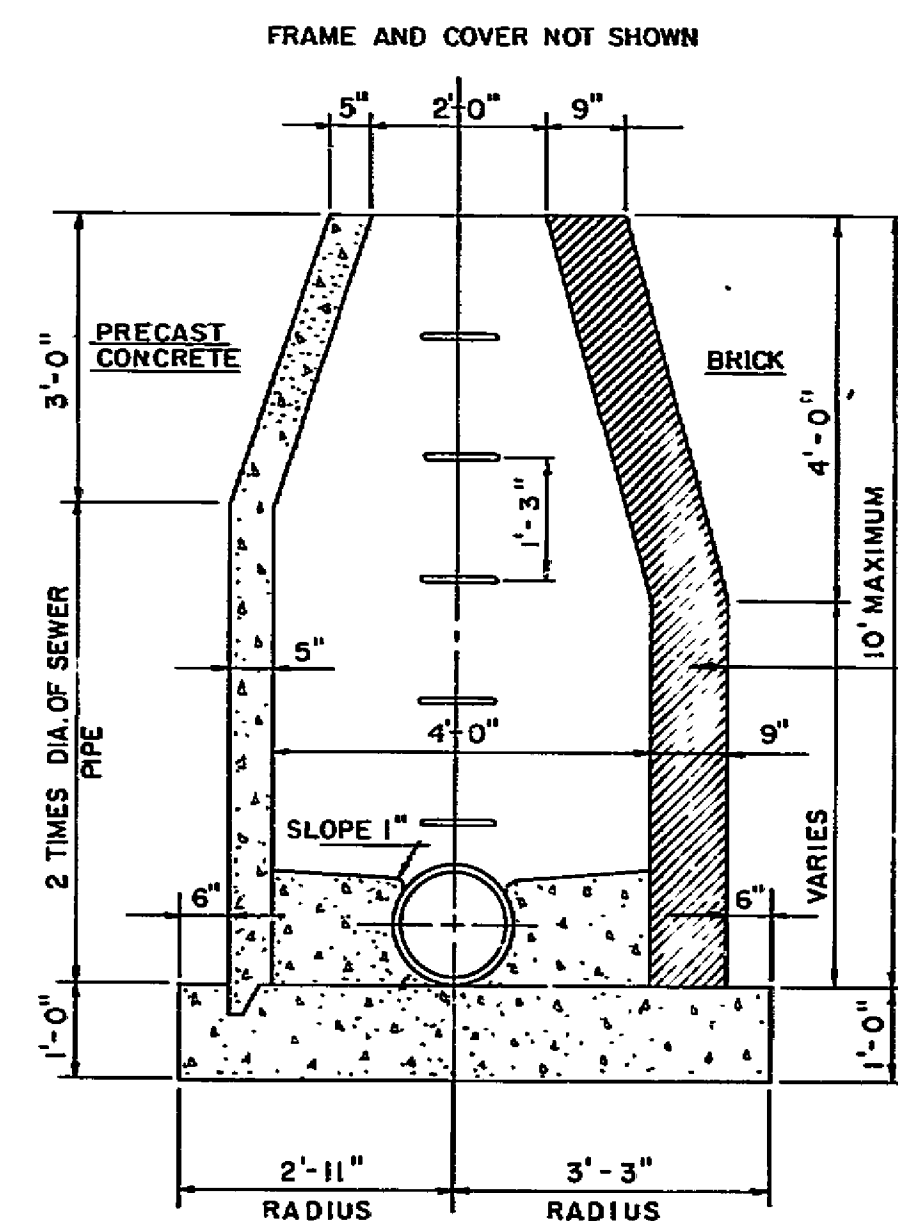
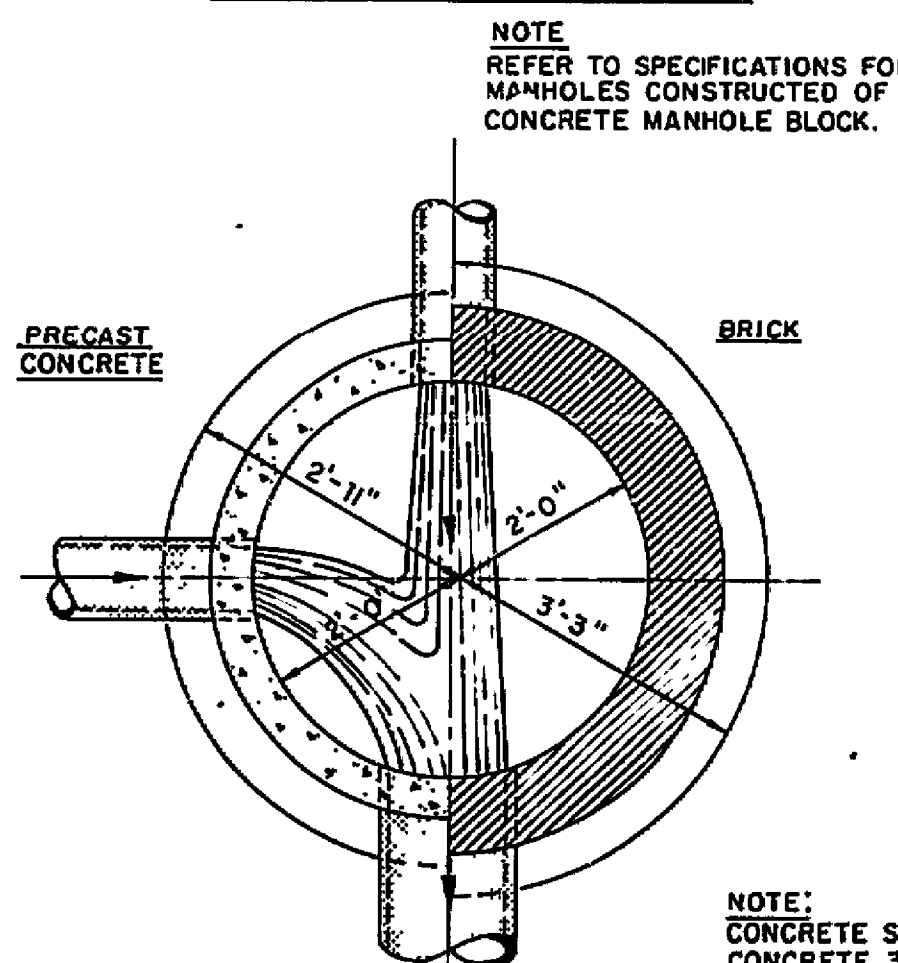
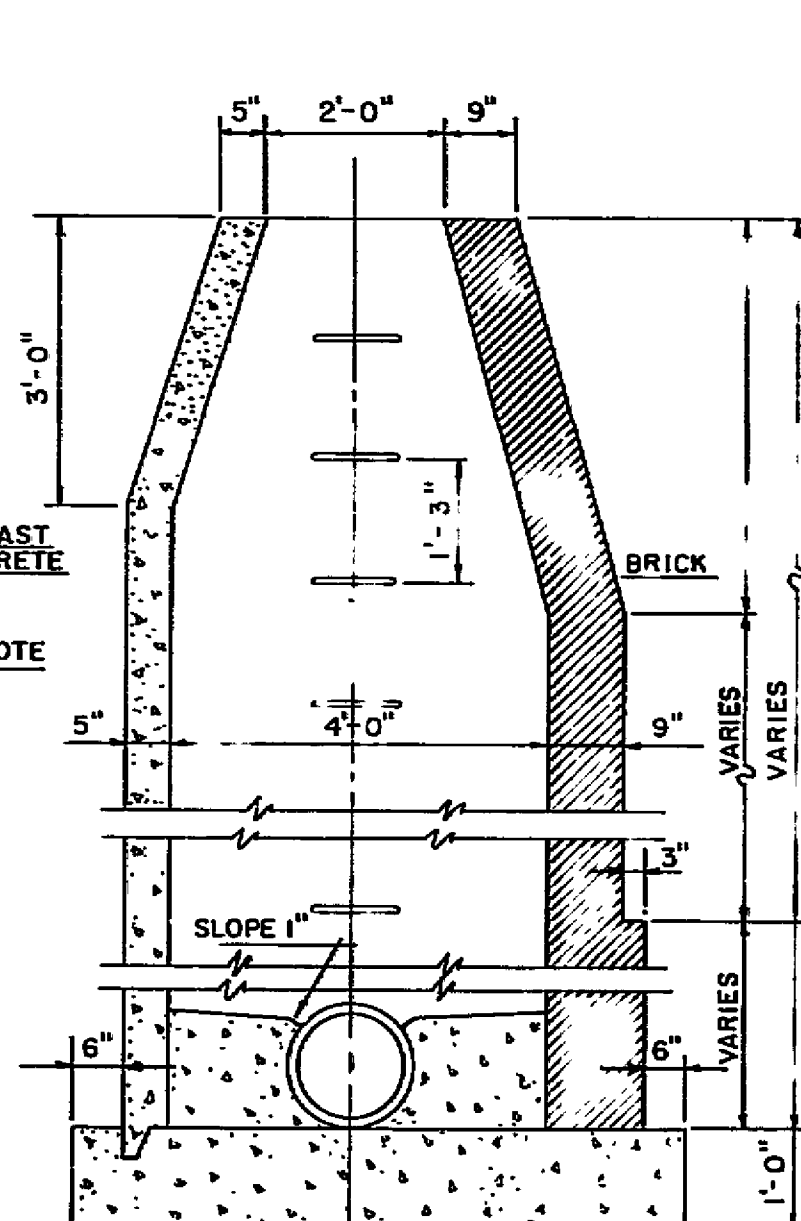




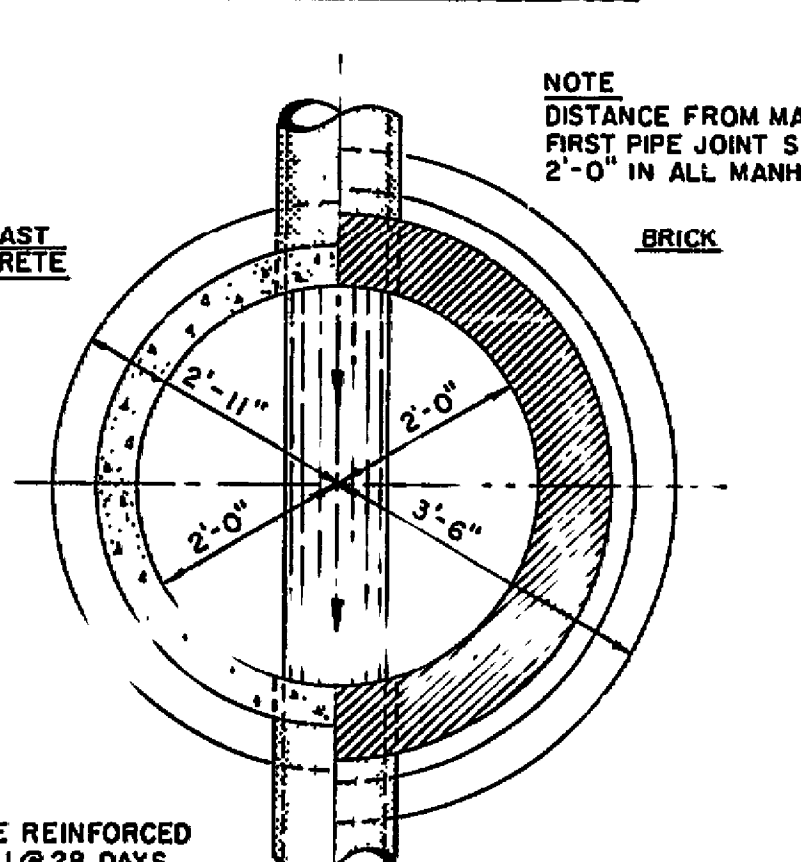
LONGITUDINAL SECTION



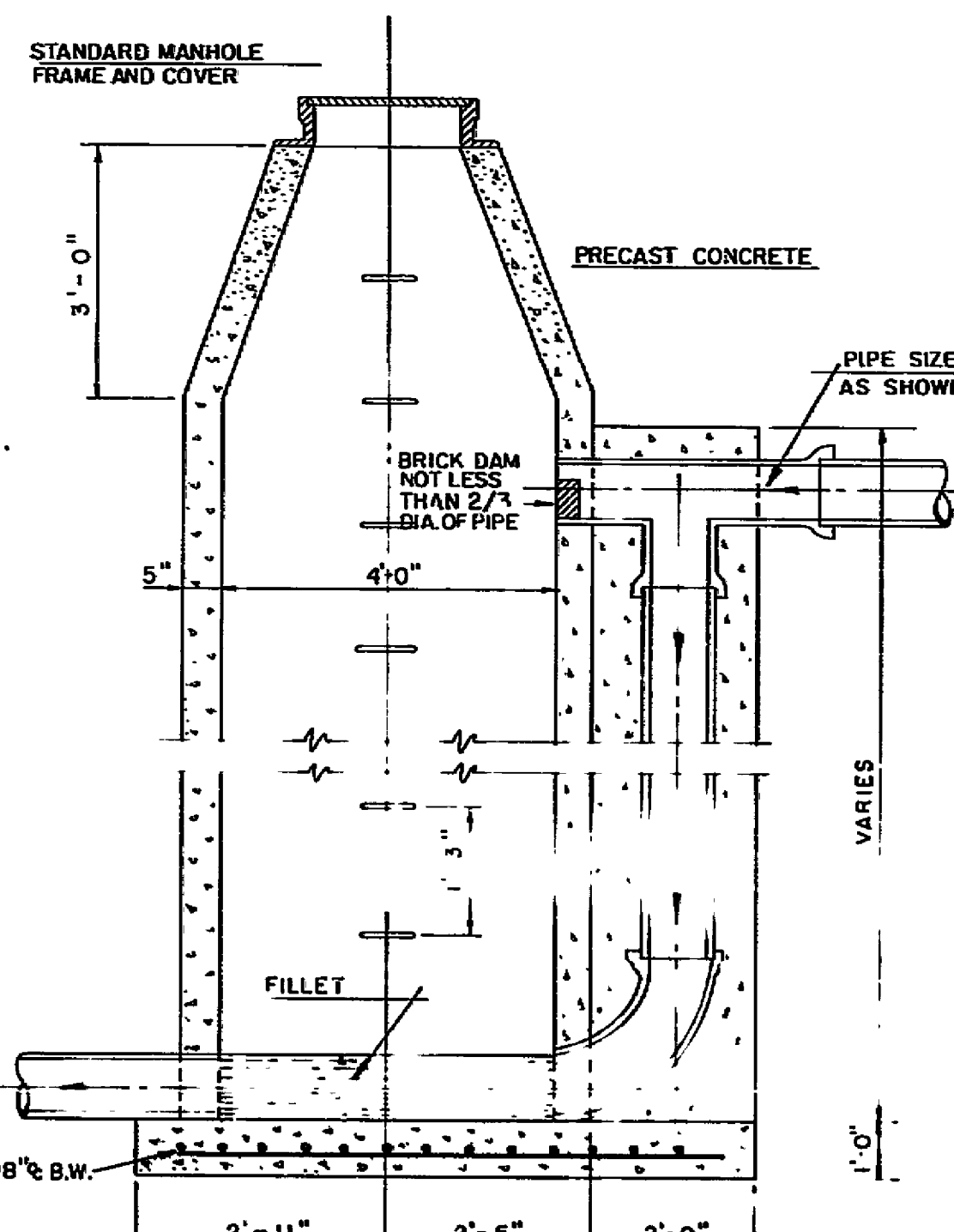
MANHOLE 0' TO 10'
TYPE "A"



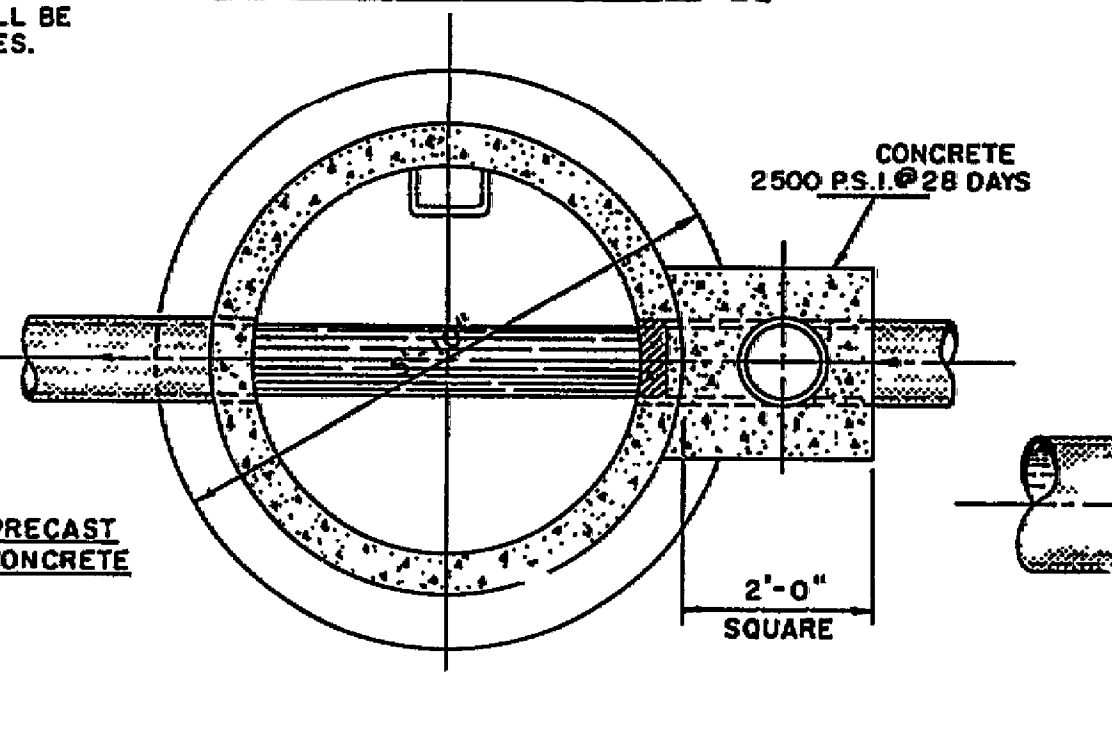
LONGITUDINAL SECTION



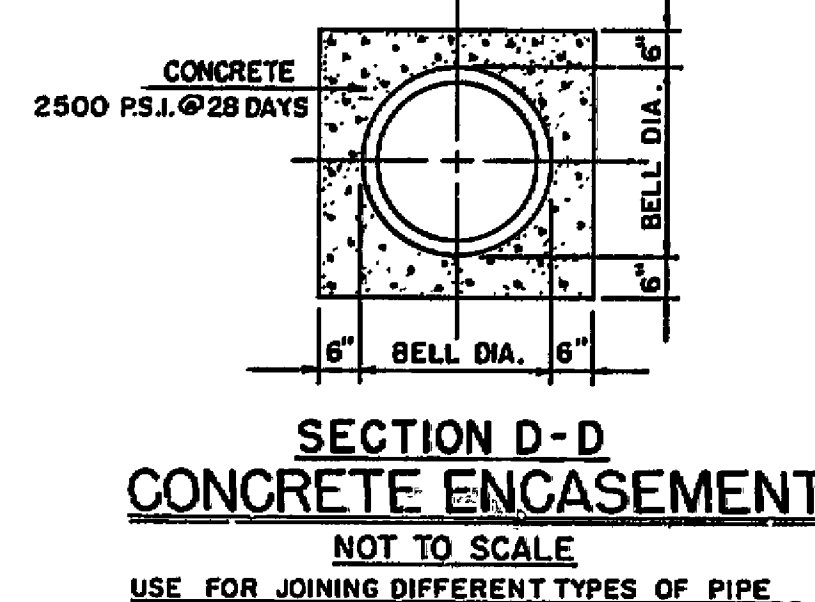
MANHOLE OVER 10'
TYPE "A"
MANHOLE DETAILS
SCALE 1/2" = 1'-0"



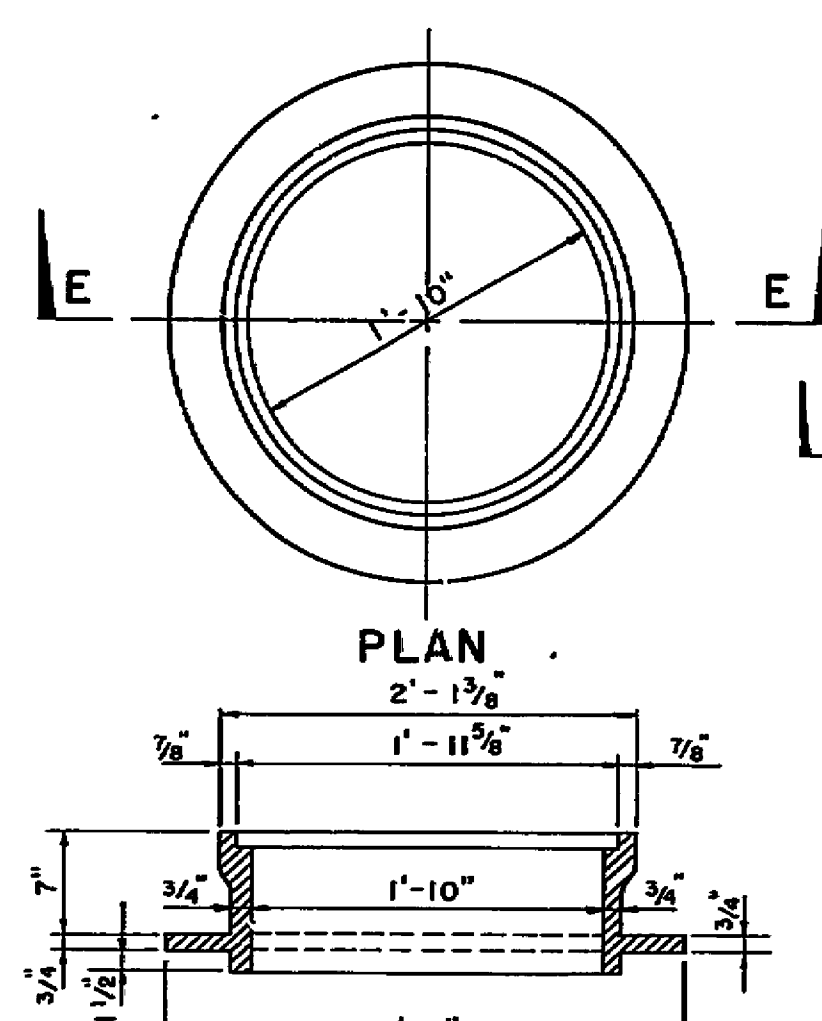
LONGITUDINAL SECTION



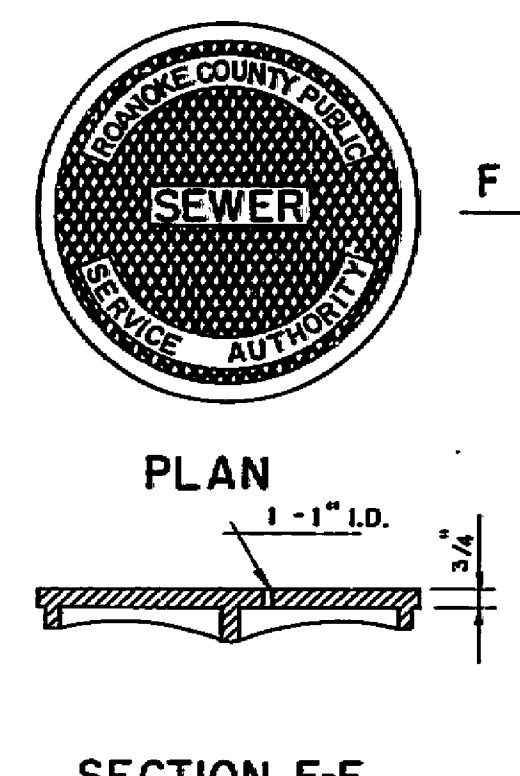
DROP MANHOLE
TYPE "B"



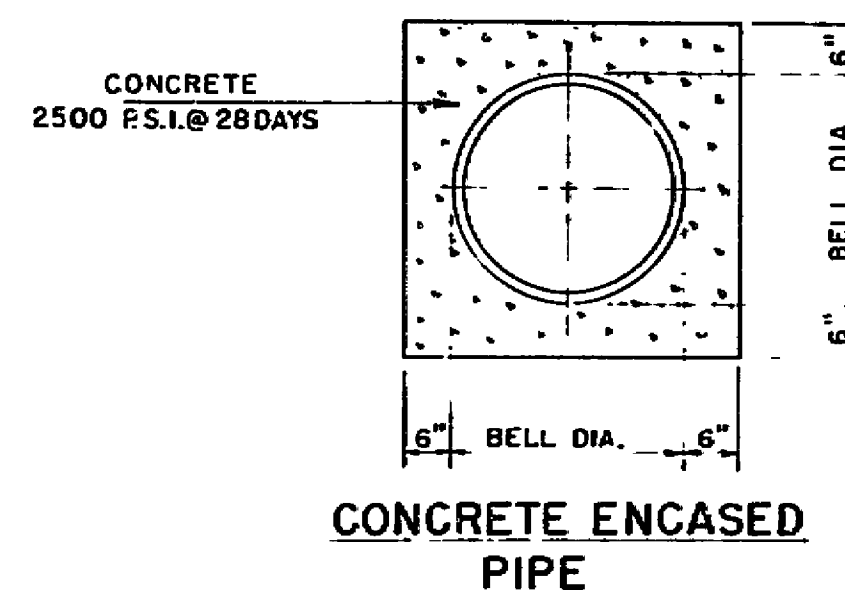
SECTION D-D
CONCRETE ENCASUREMENT
NOT TO SCALE
USE FOR JOINING DIFFERENT TYPES OF PIPE



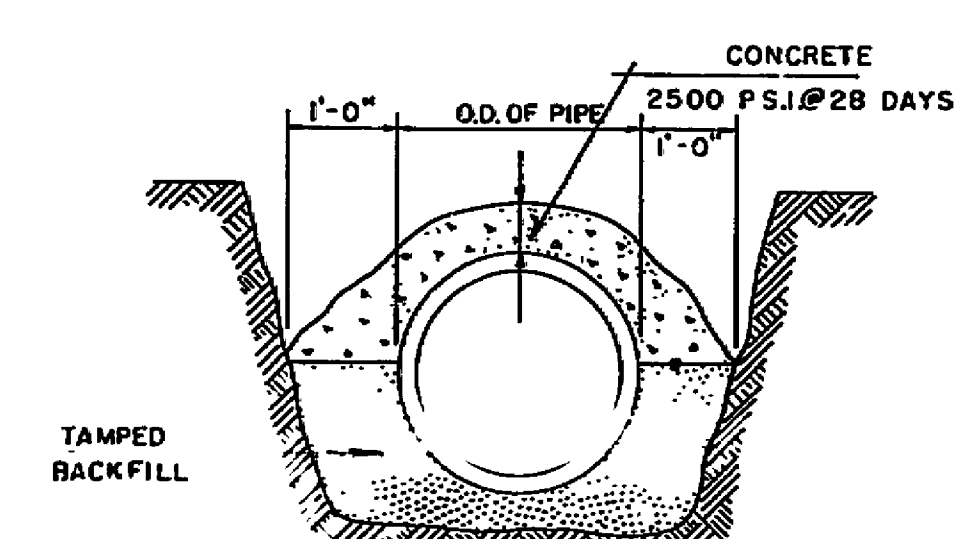
SECTION E-E
STANDARD MANHOLE FRAME & COVER
SCALE: 1" = 1'-0"



SECTION F-F

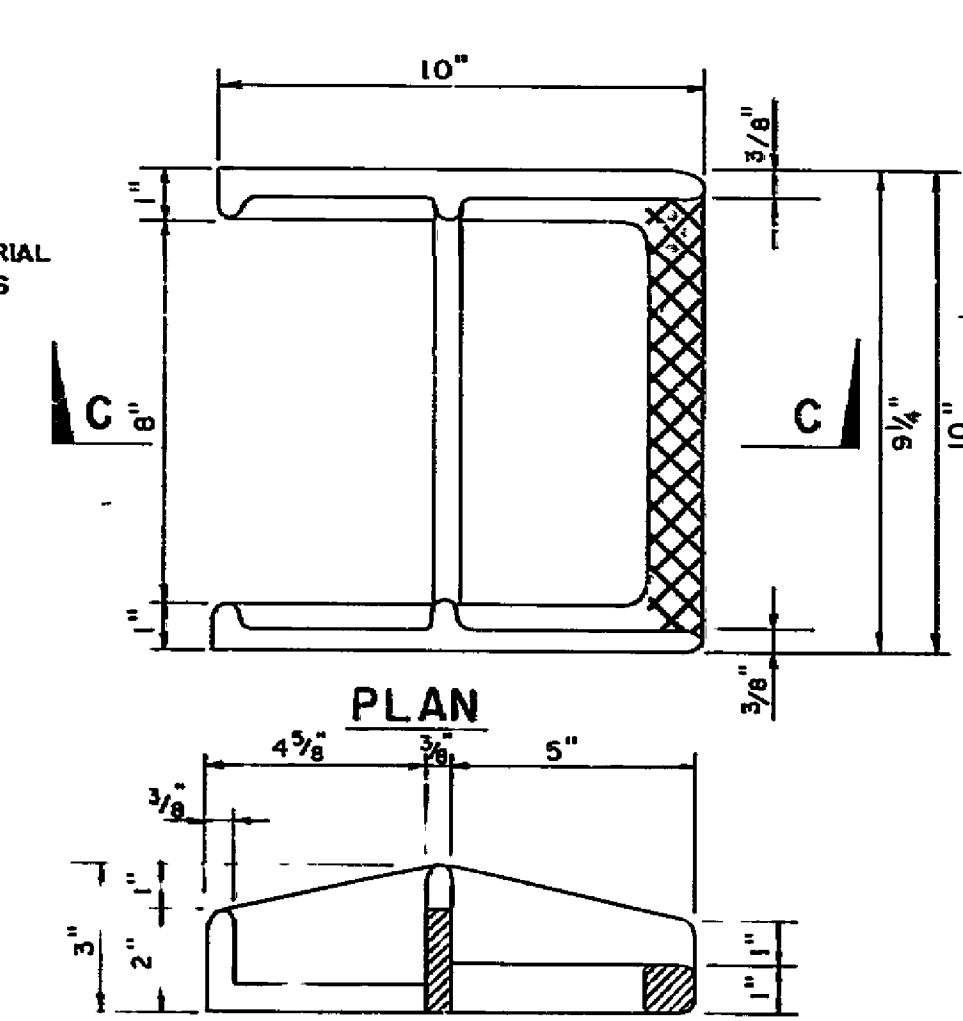


CONCRETE ENCASED
PIPE

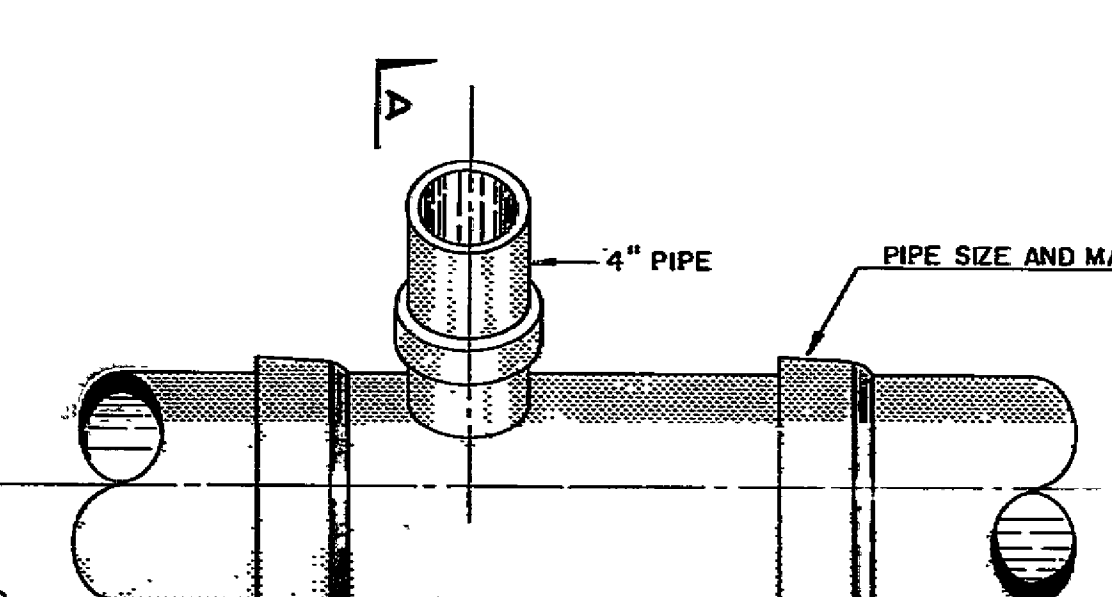


CONCRETE CAP

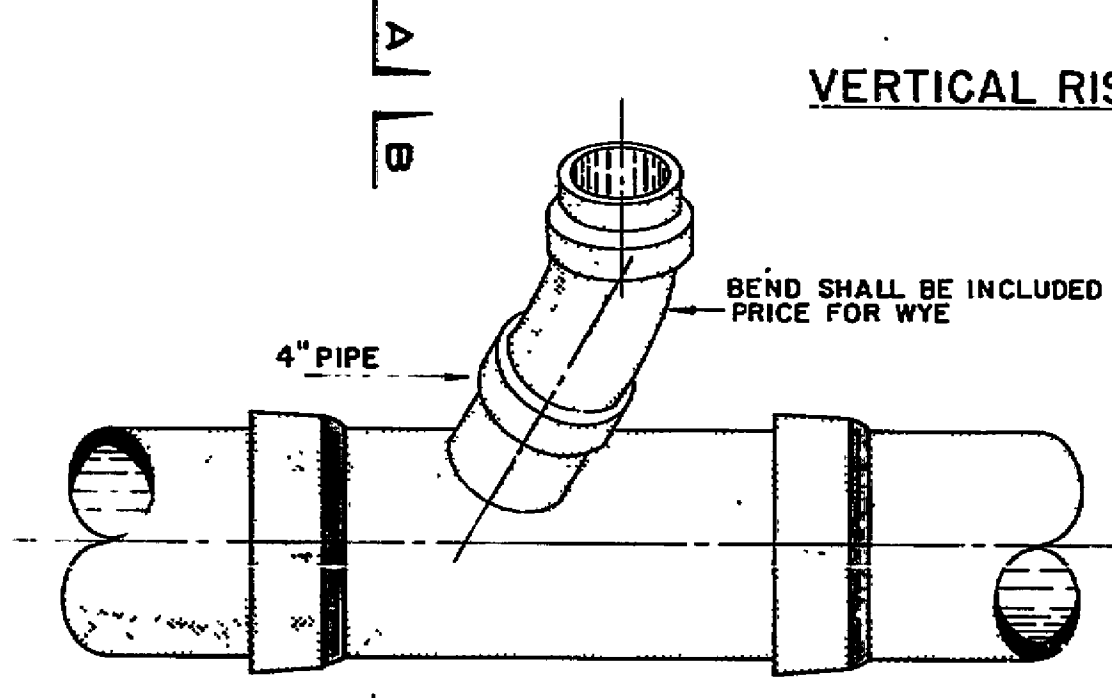
CONSTRUCTION DETAILS
NOT TO SCALE



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

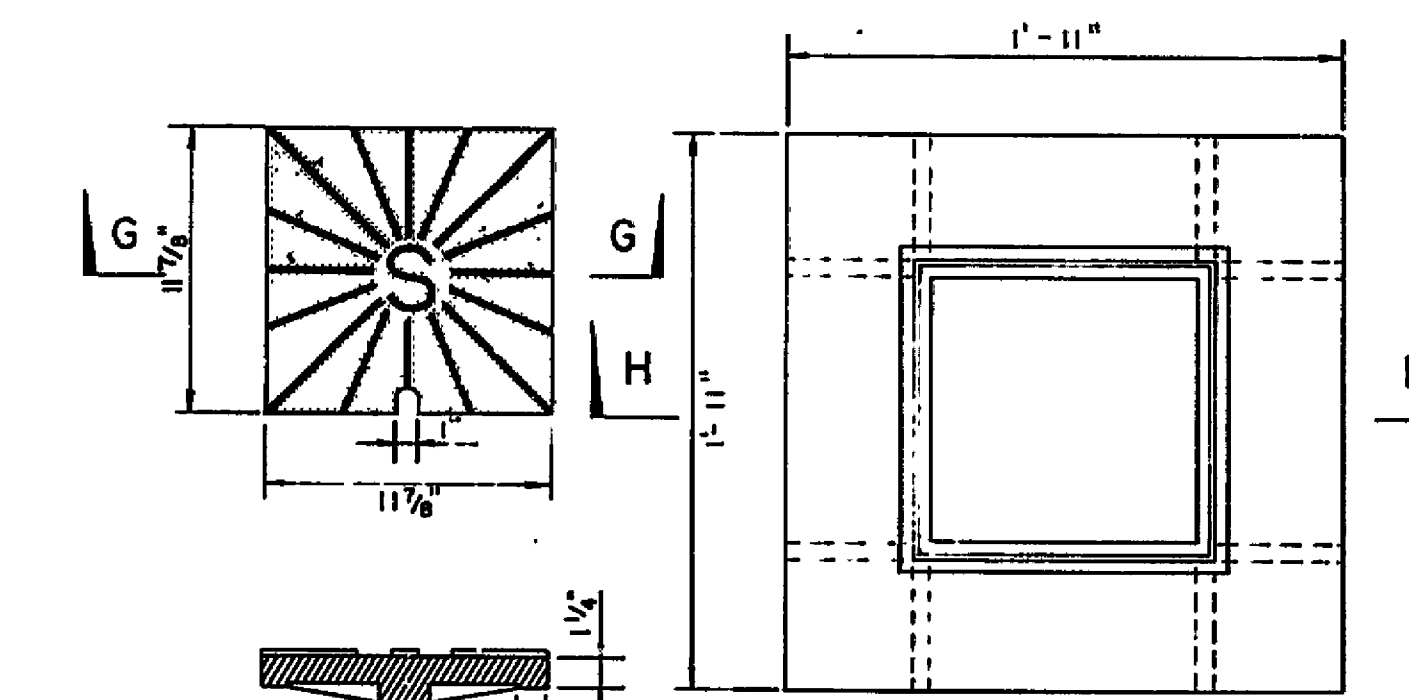


VERTICAL RISER "T"

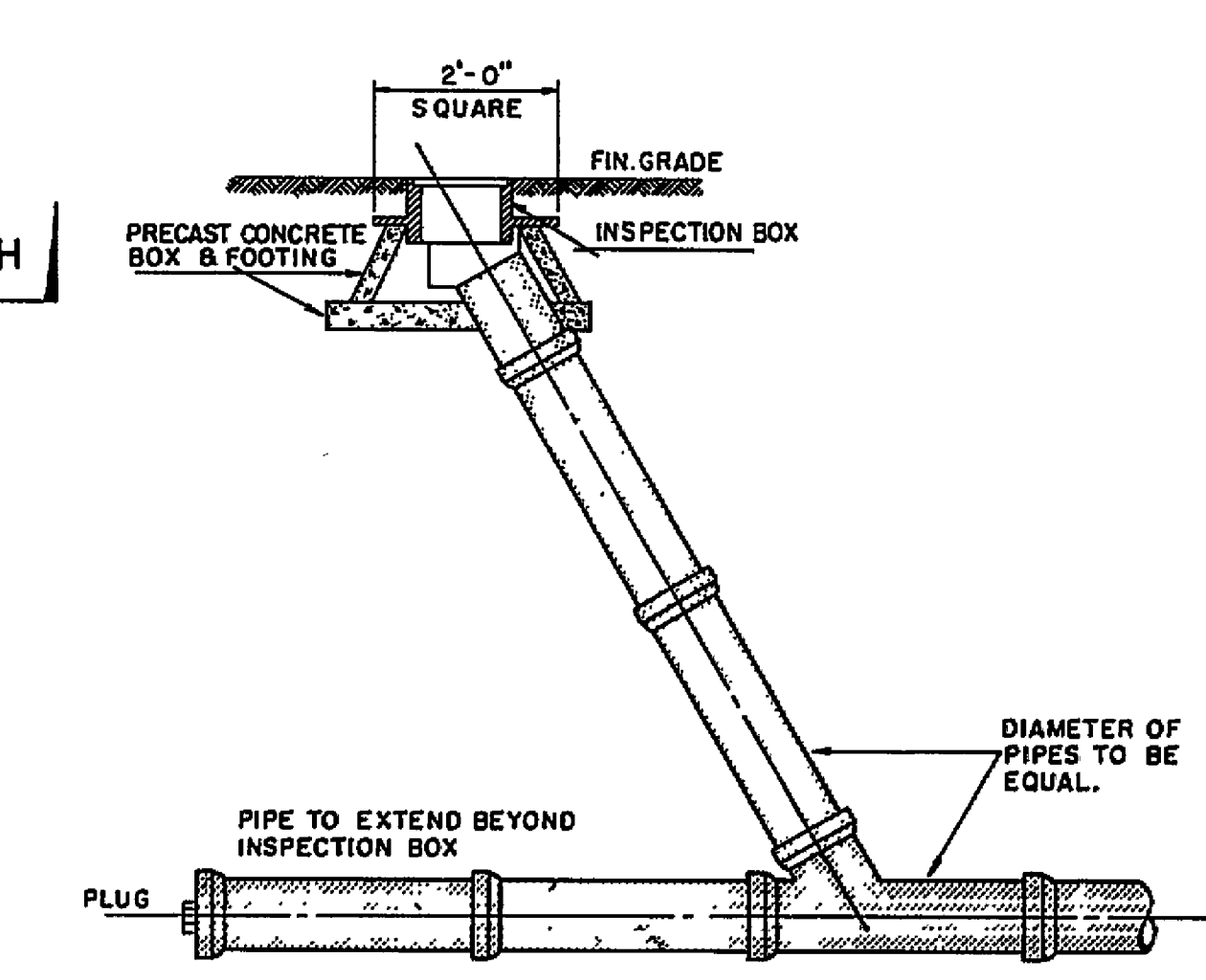


VERTICAL RISER WYE
NOTE: SEE PLAN FOR SEWER PIPE SIZE, HOUSE CONNECTIONS SHALL BE 4" PIPE.

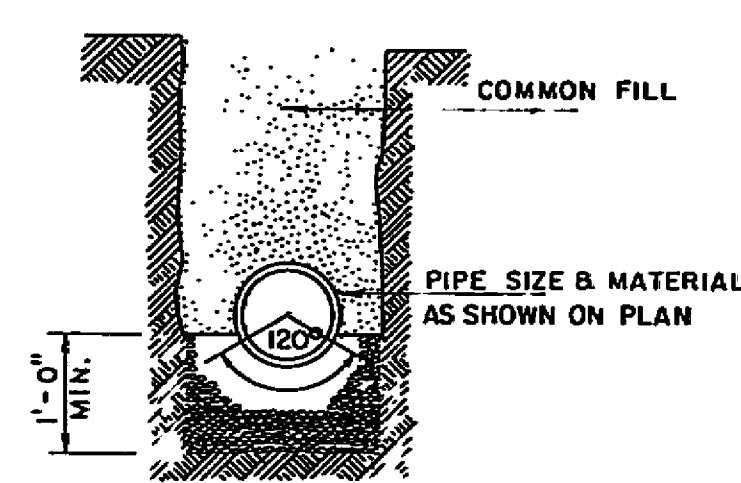
SERVICE CONNECTION DETAIL
NOT TO SCALE



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



CLEANOUT CONNECTION DETAIL
NOT TO SCALE



STONE GRADLE

ROANOKE COUNTY PUBLIC SERVICE AUTHORITY ROANOKE COUNTY, VIRGINIA		
SANITARY SEWERAGE SYSTEM MUD LICK CREEK INTERCEPTOR PROJECT No. 70-1-S DETAILS		
DES:	LANGLEY, McDONALD and OVERMAN CONSULTING ENGINEERS NORFOLK, VIRGINIA	SCALE AS SHOWN DATE: 7-20-70 SHEET 7 OF 7
DR: G.E.R.		
CK: W.E.C.		