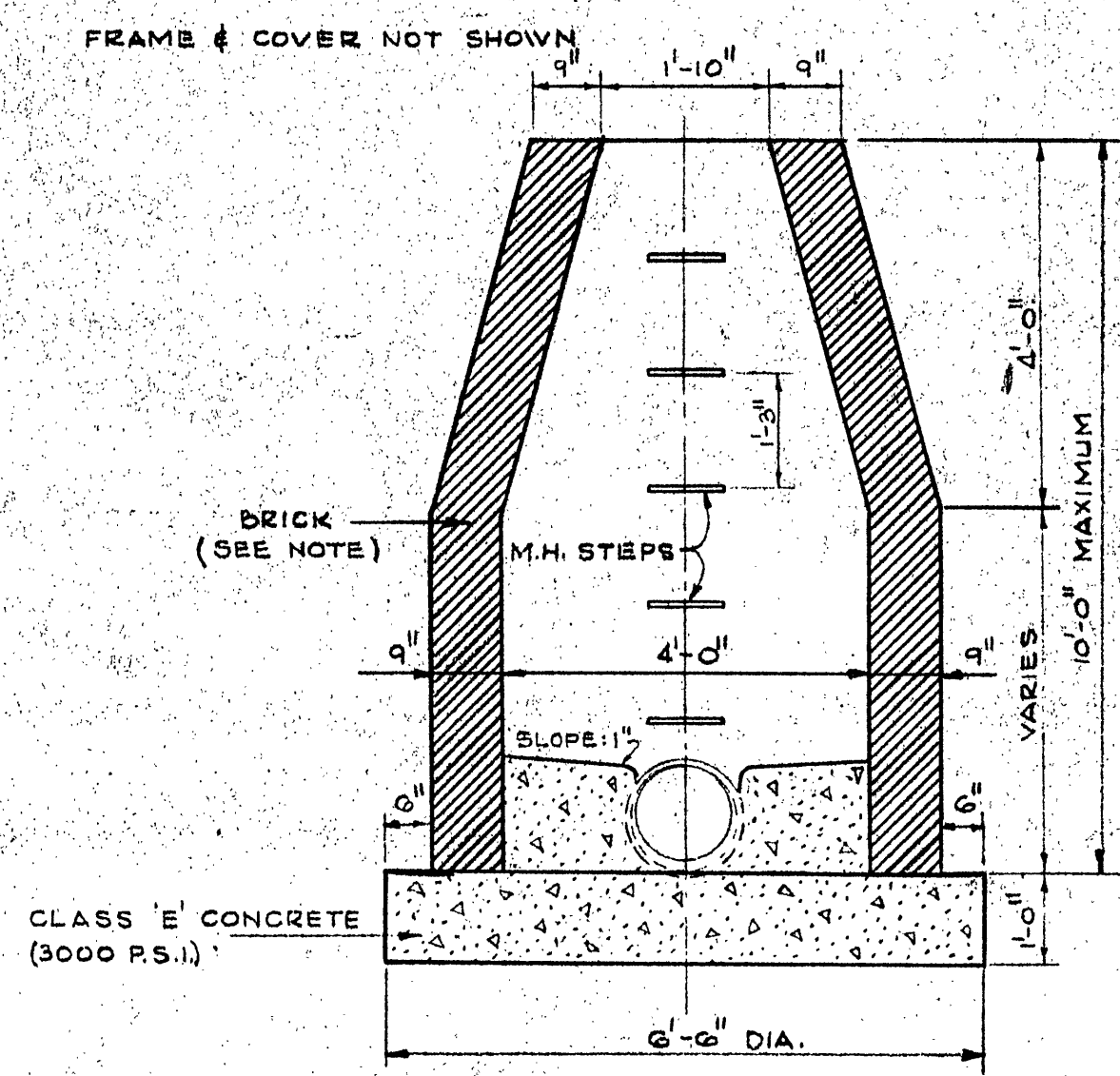
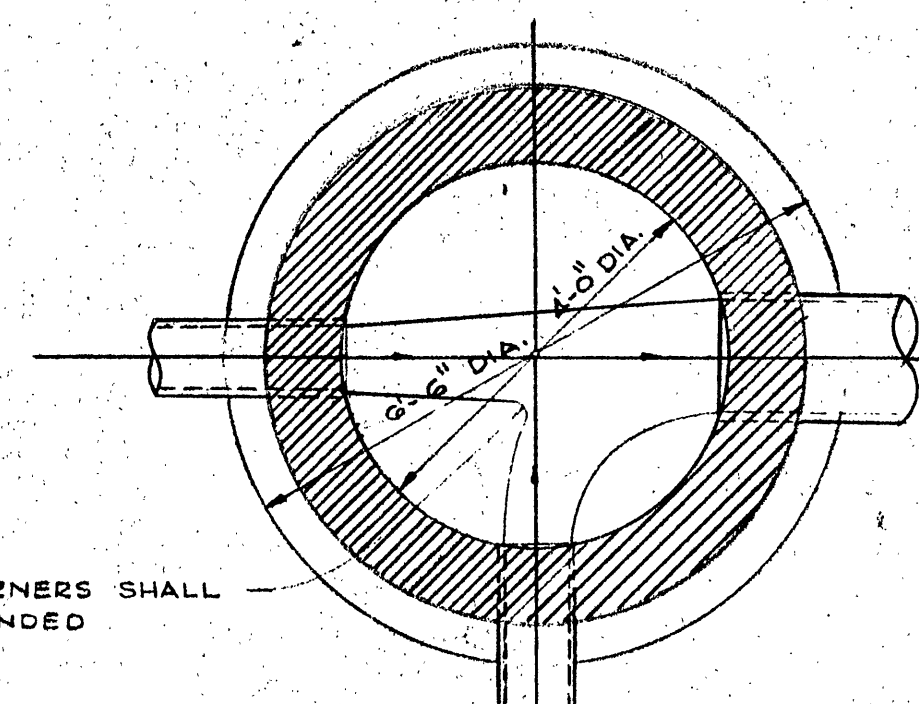




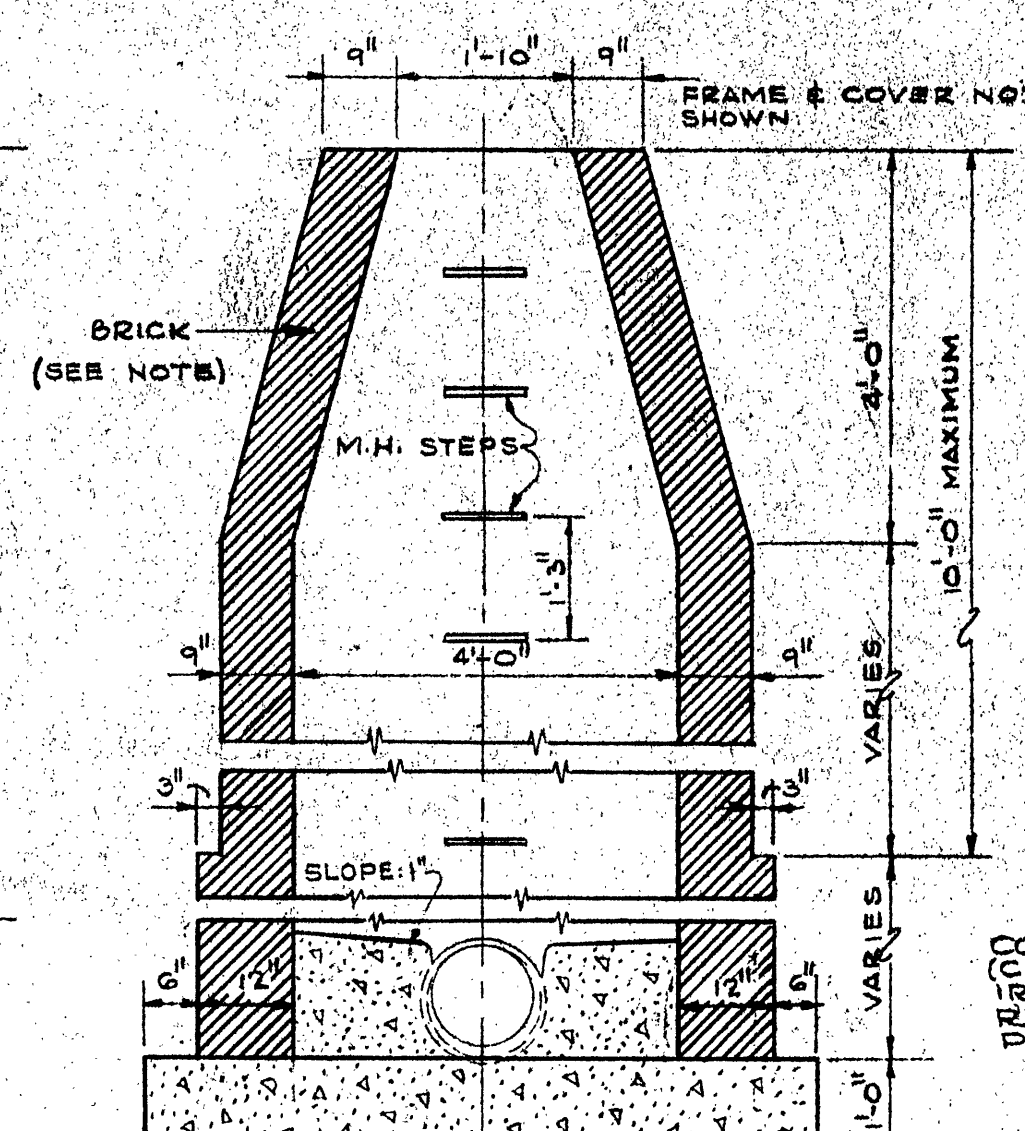
LONGITUDINAL SECTION
MANHOLE 0 TO 10' DEEP
SCALE 1/2" = 1'-0"

TYPE 'A'



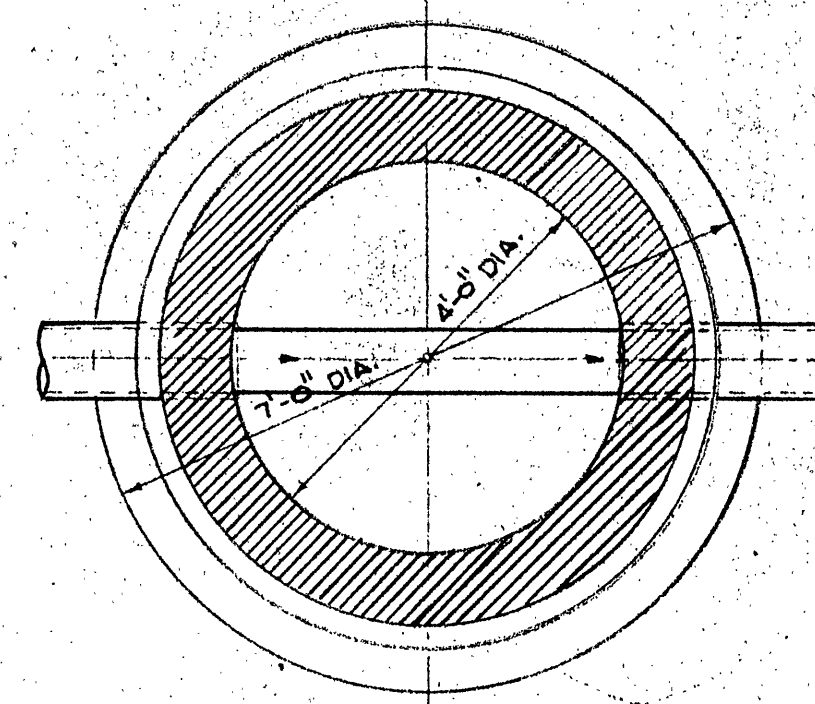
MANHOLE 0 TO 10' DEEP

TYPICAL CHANNEL DIAGRAMS
SCALE 1/2" = 1'-0"

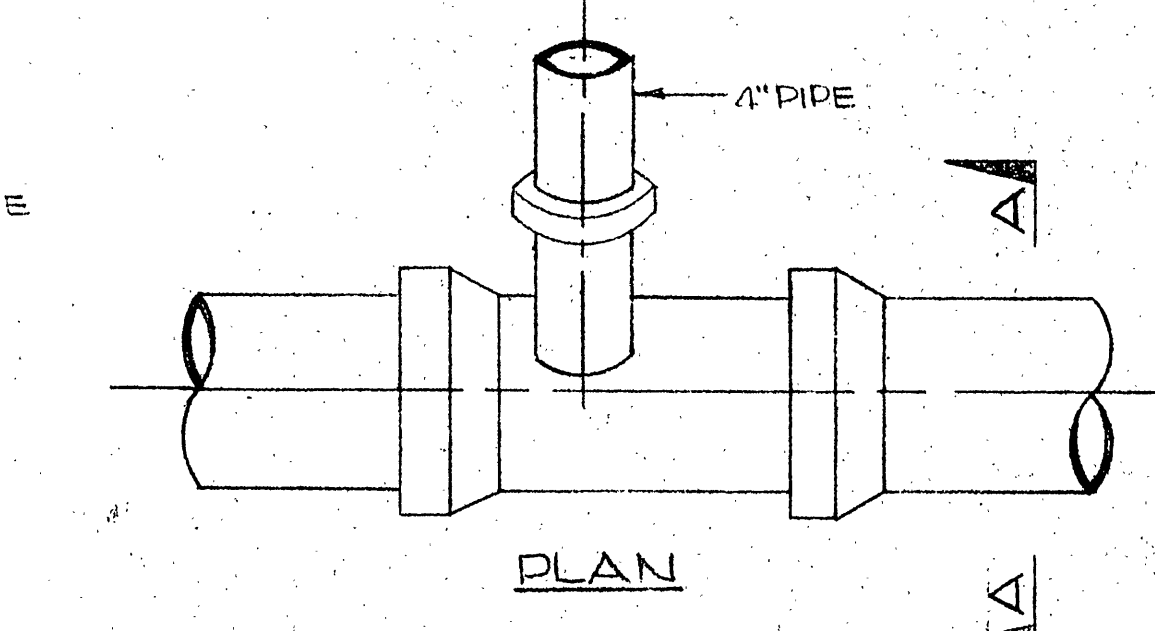
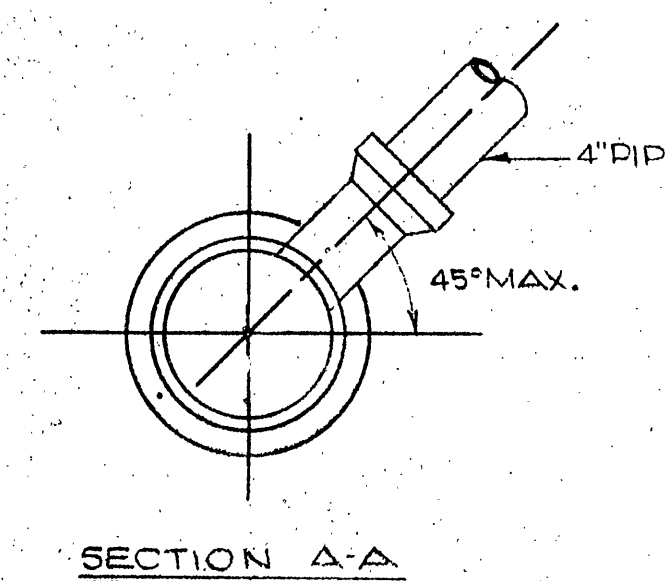


LONGITUDINAL SECTION
MANHOLE OVER 10' DEEP
SCALE 1/2" = 1'-0"

TYPE 'A'



MANHOLE OVER 10' DEEP

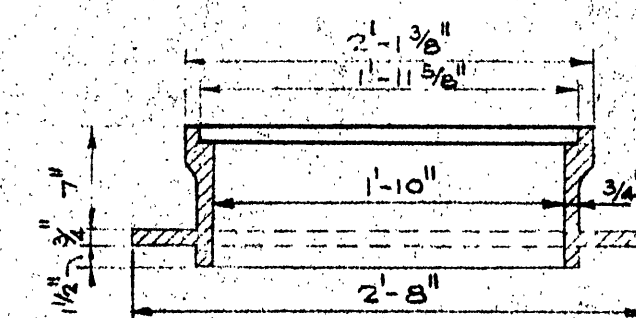
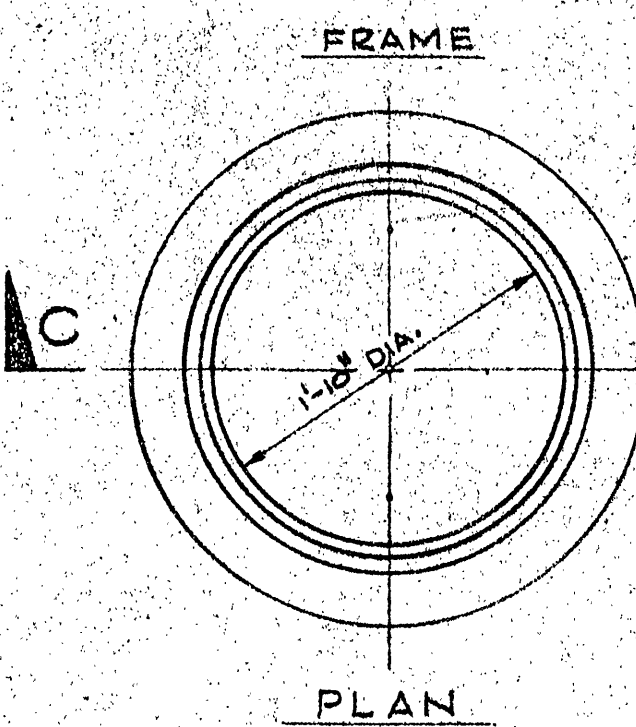


VERTICAL RISER "T"

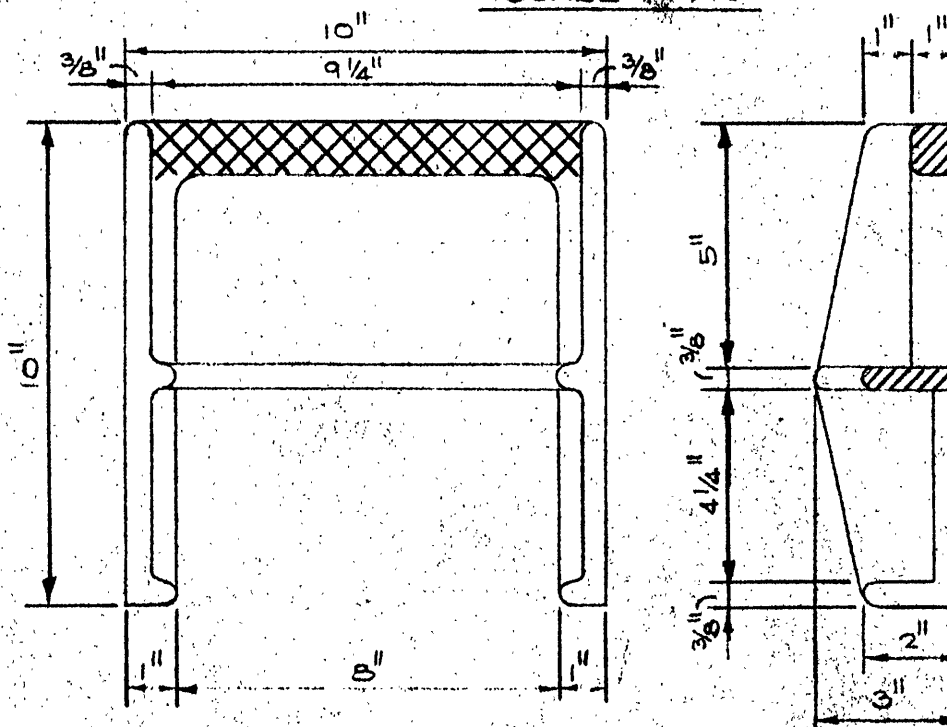
SEE PLAN FOR
SEWER PIPE SIZE.
WASER CONNECTIONS
SHALL BE 4" PIPE.

SANITARY SEWER SERVICE
CONNECTION

NOT TO SCALE

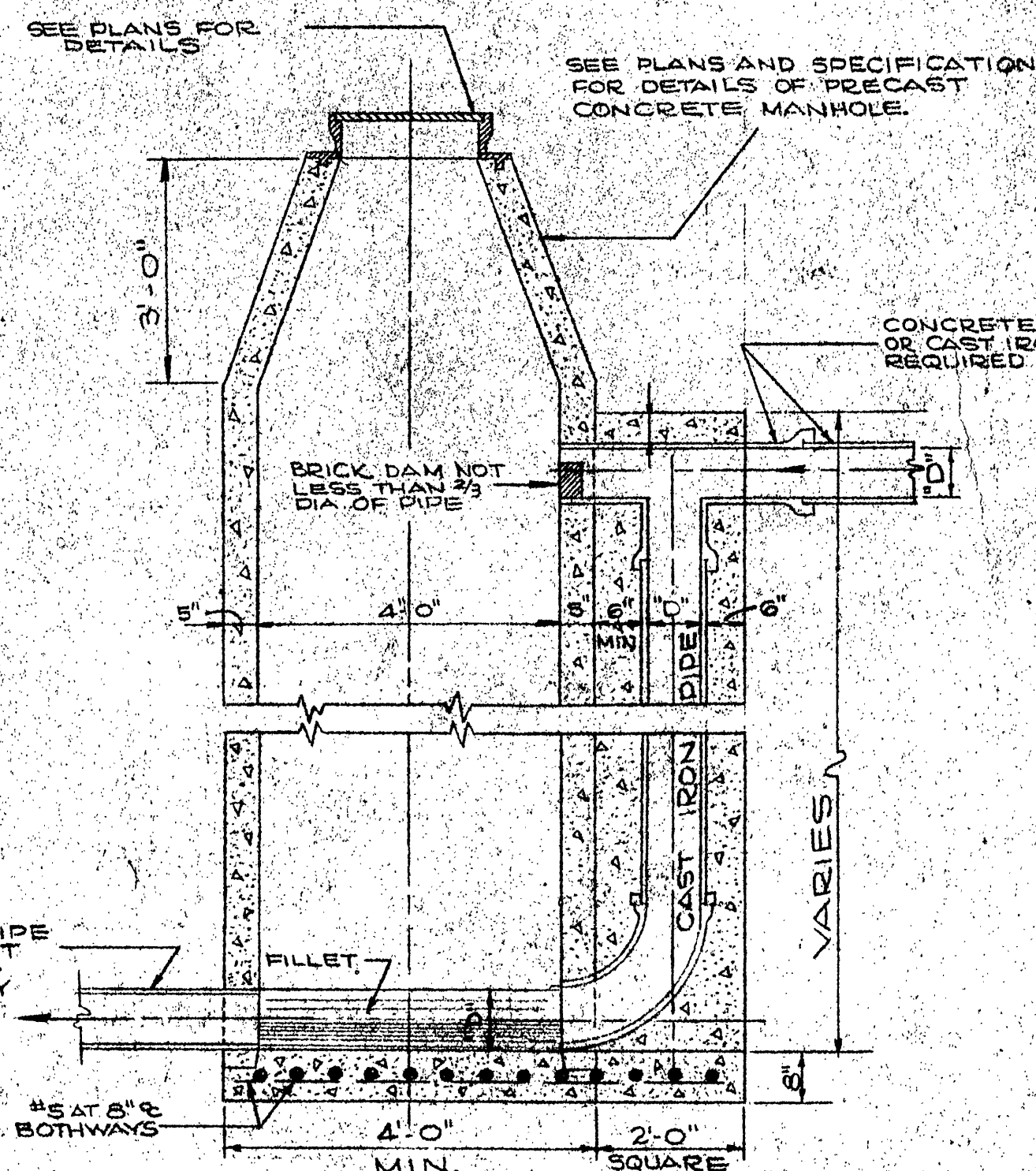


STANDARD MANHOLE FRAME & COVER
SCALE 1/2" = 1'-0"



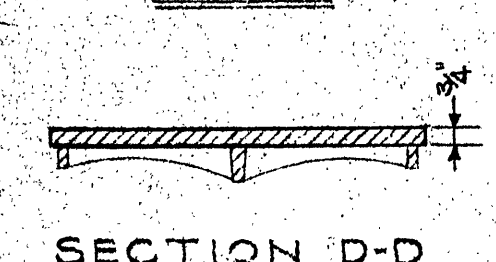
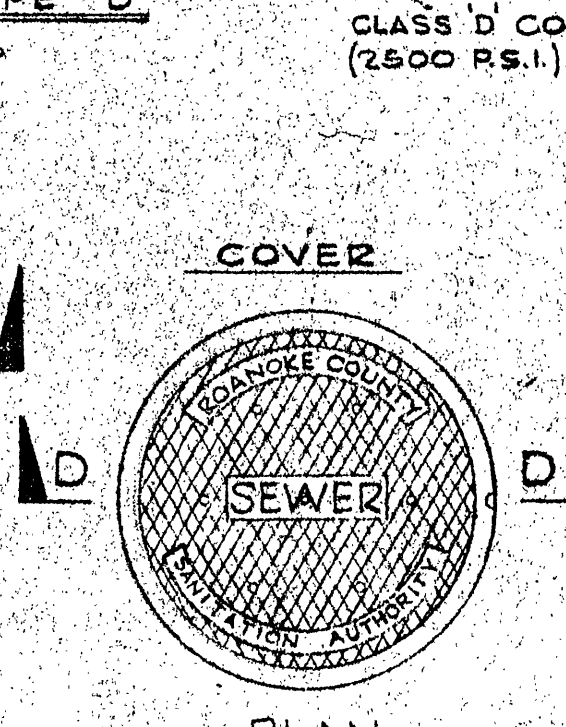
CAST IRON MANHOLE STEPS

SCALE 3" = 1'-0"

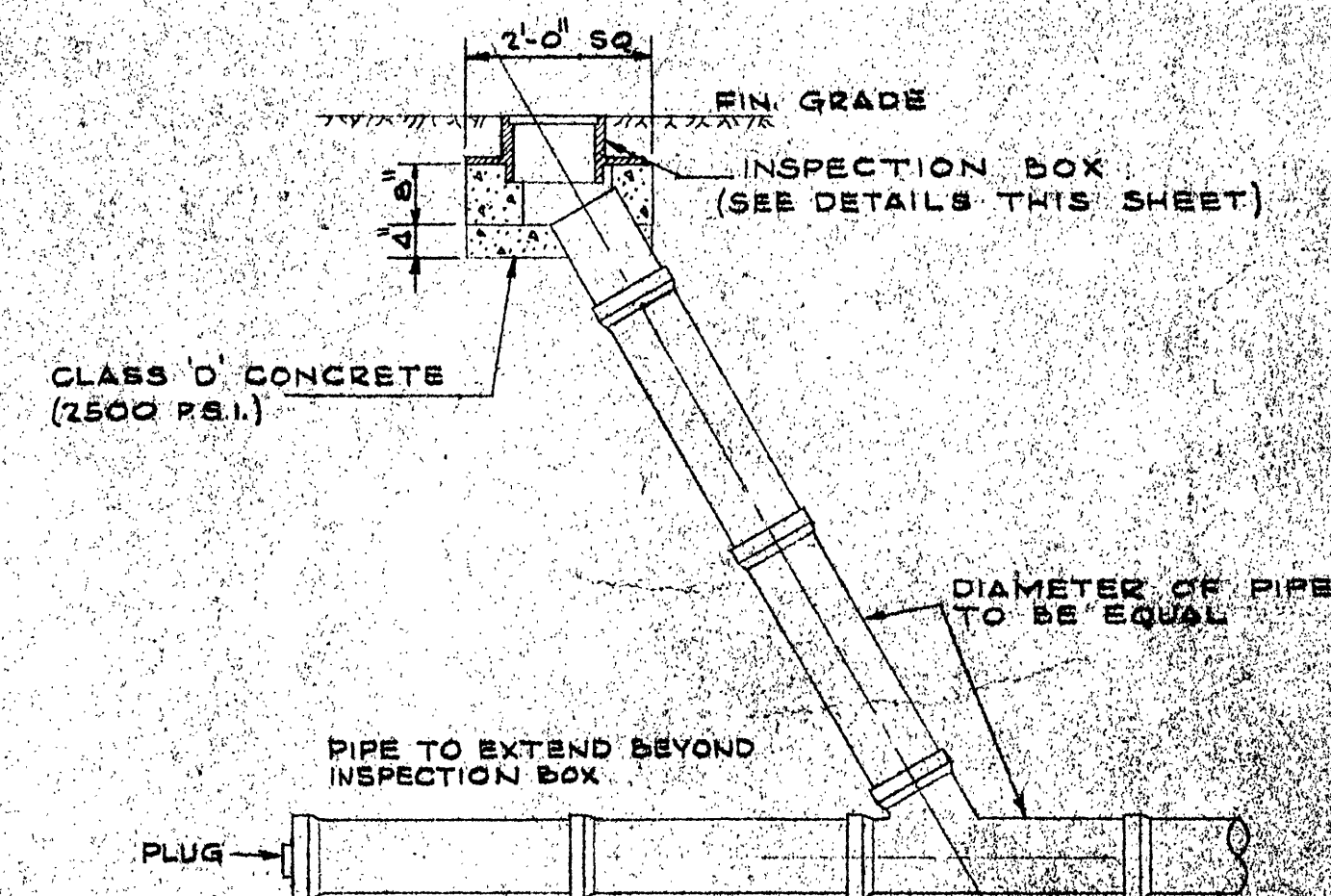
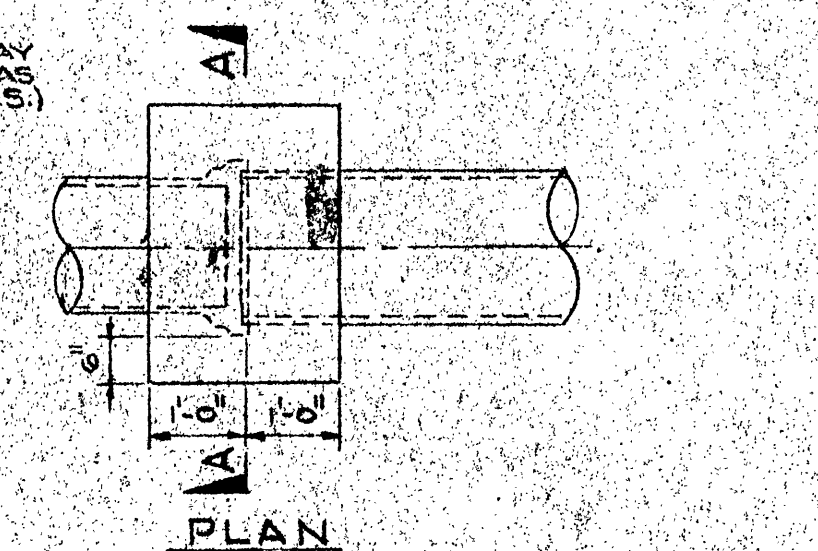
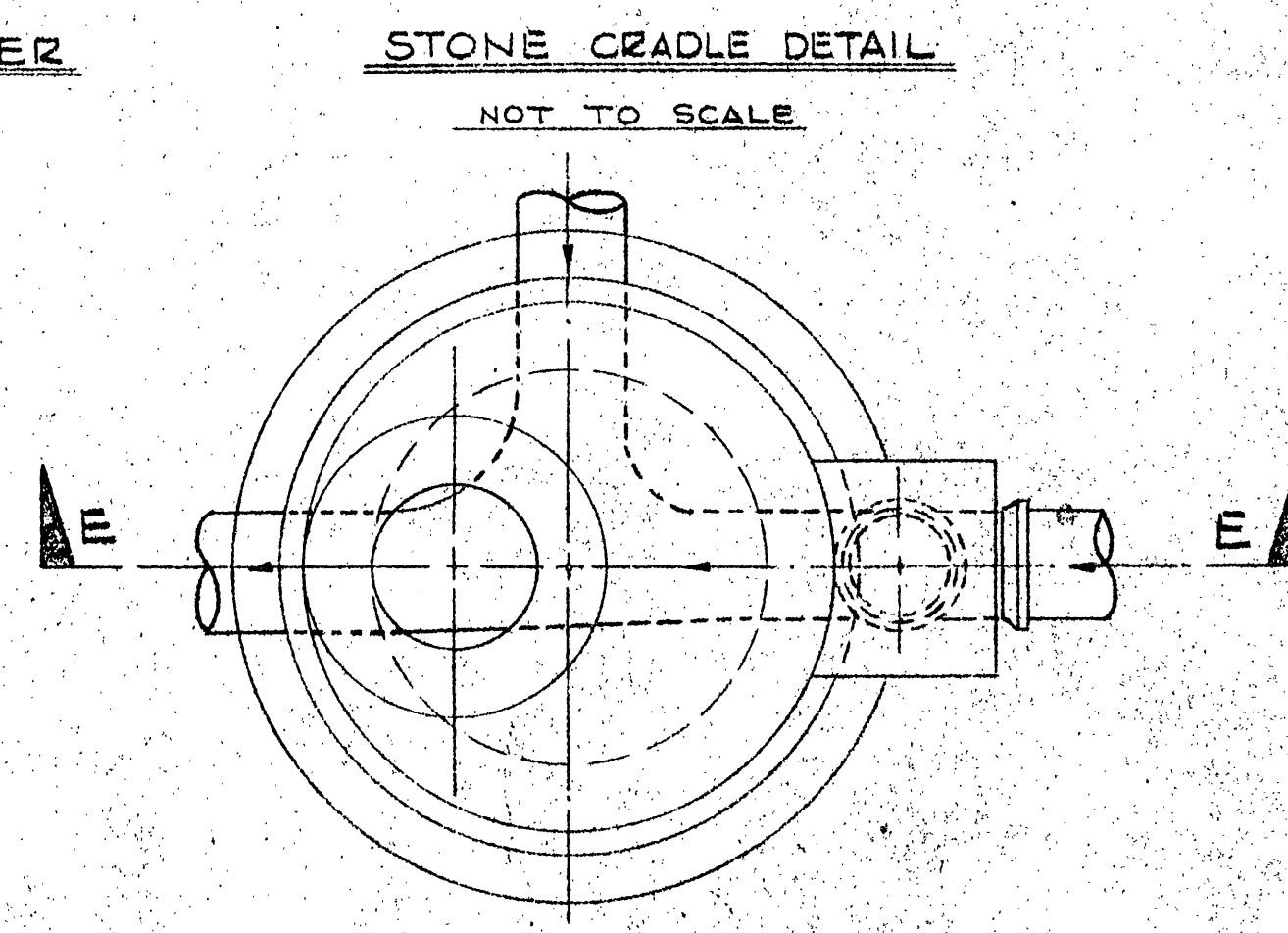
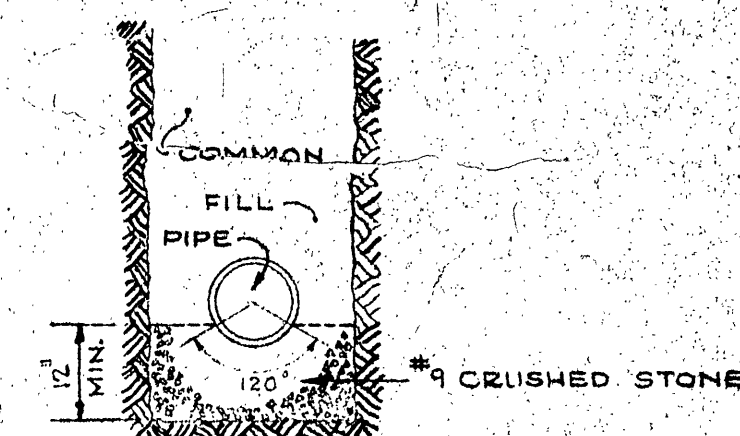
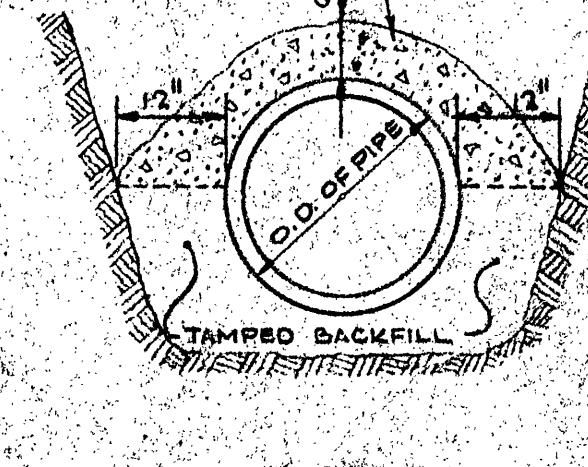
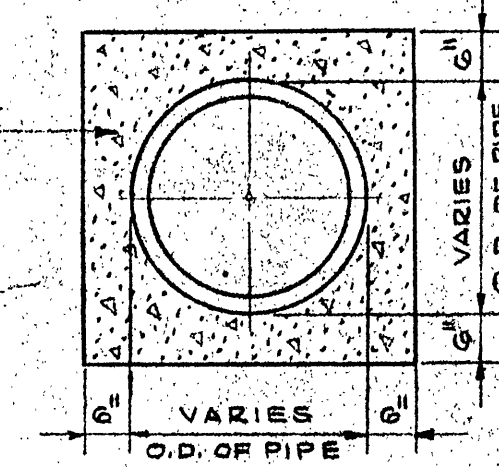


SECTION E-E
SCALE 1/2" = 1'-0"

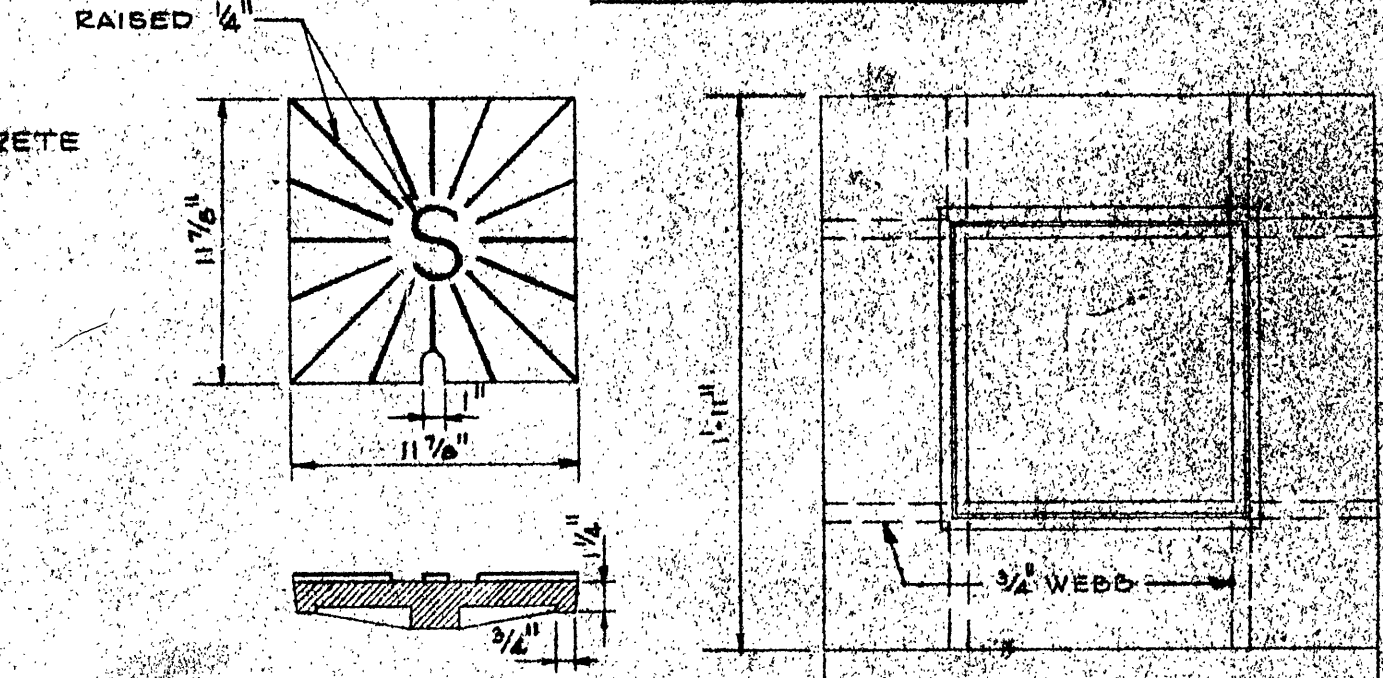
TYPE 'B'



SECTION D-D
SCALE 1/2" = 1'-0"



CLEANOUT CONNECTION DETAIL
NOT TO SCALE



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

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



ROANOKE COUNTY SANITATION AUTHORITY ROANOKE COUNTY, VIRGINIA		
SANITARY SEWERAGE SYSTEM		
PROJECT NO. 64-3		
DETAILS		
DESIGNED: WCO	LANGLEY & McDONALD	SCALE: AS SHOWN
PLOTTED: J.E.N.	CONSULTING ENGINEERS	DATE: AUGUST 1, 1964
DRAWN: H.L.S.	NORFOLK, VA.	SHEET: 30 OF 30
CHECKED: WCO		DWG. NO. 615/15