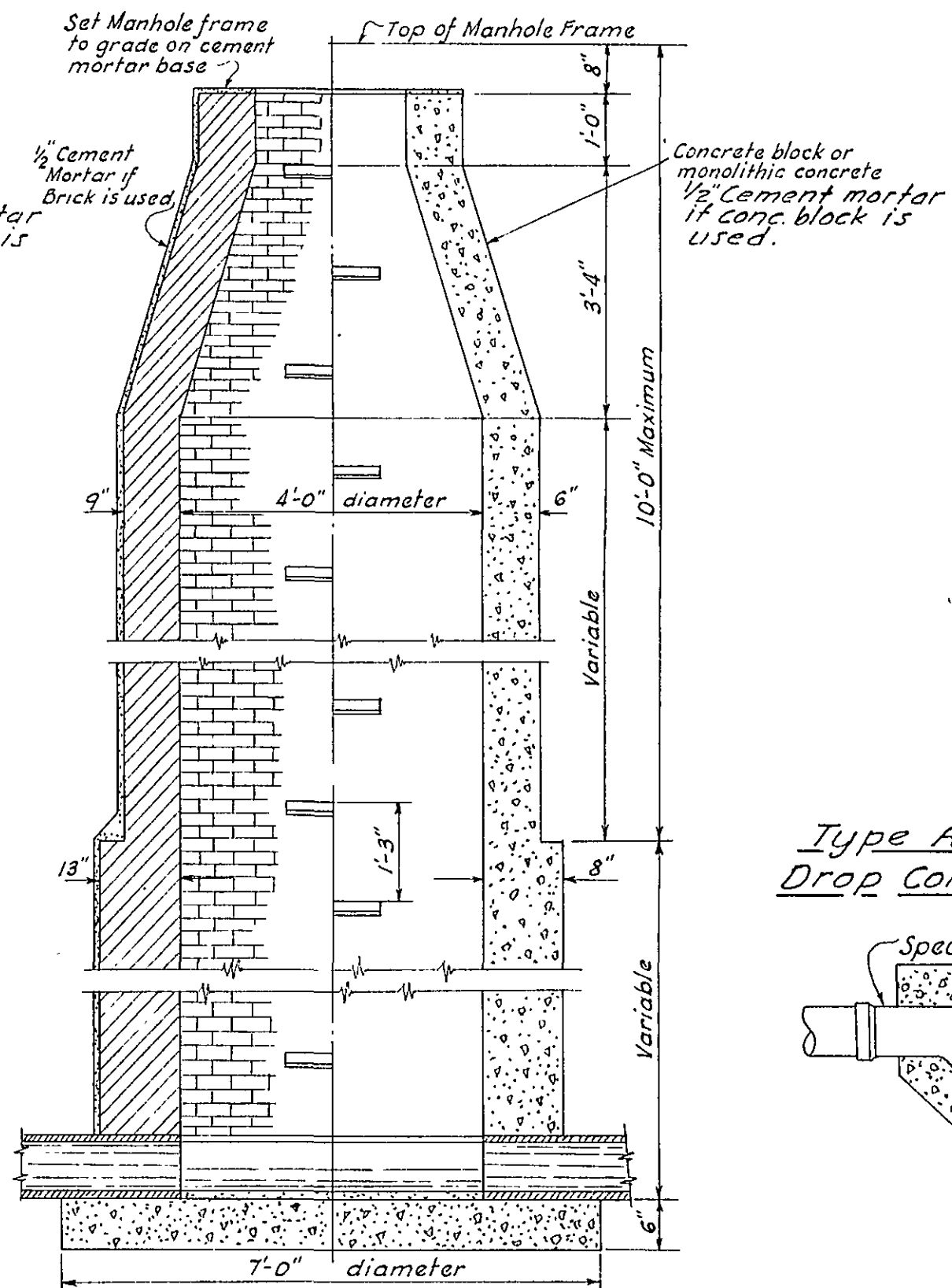
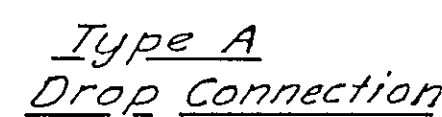




Longitudinal Section
STANDARD MANHOLE
OVER 10' DEEP

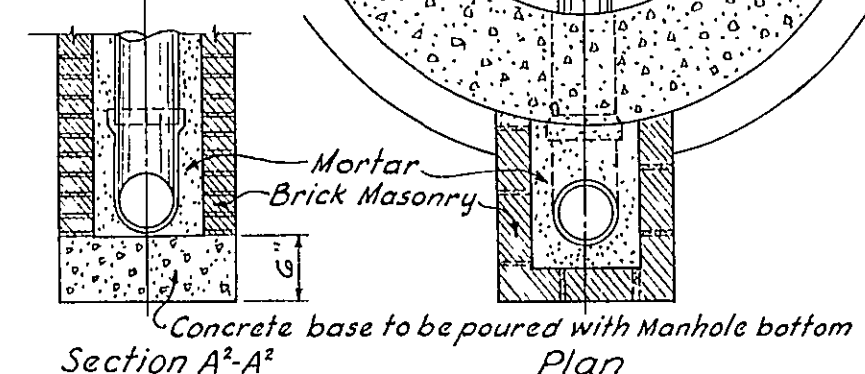


Cross Section

TYPICAL DROP CONNECTIONS

FOR ALL MANHOLES AND ALL PIPE SIZES

Note: Drop connection may be encased in brick masonry.



MASONRY ENCASEMENT
OF DROP CONNECTIONS



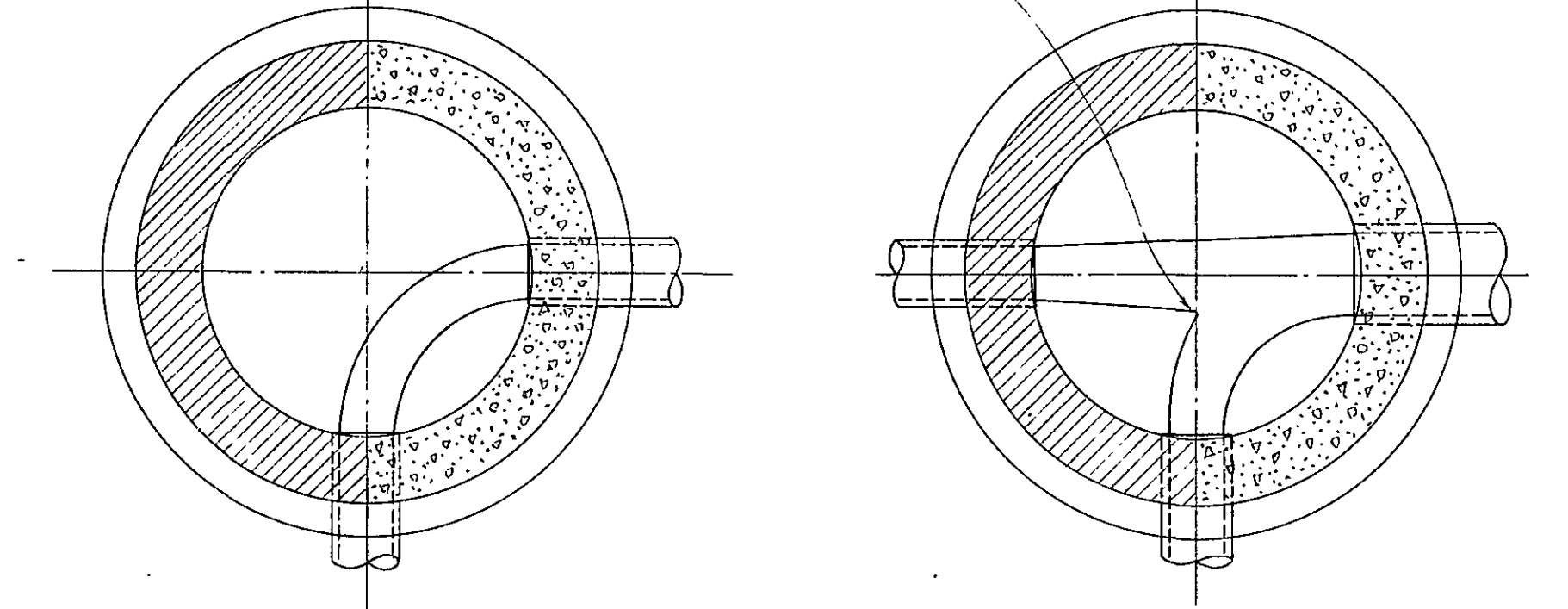
Cross Section



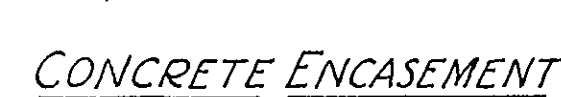
SINGLE TERMINAL MANHOLE
ALL MANHOLES



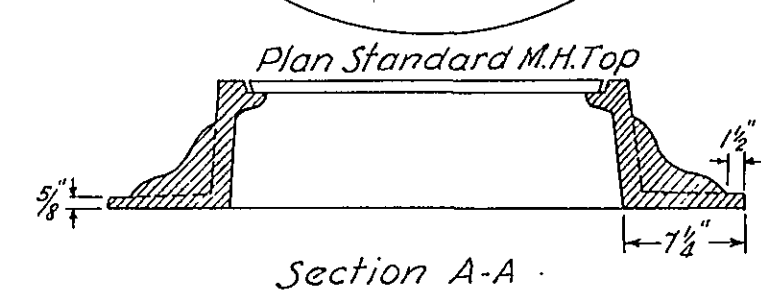
DOUBLE TERMINAL MANHOLE
ALL MANHOLES



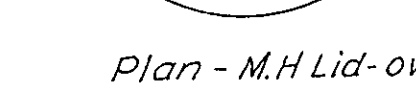
TYPICAL CHANNEL DIAGRAMS
STANDARD MANHOLE
0 TO 10' DEEP



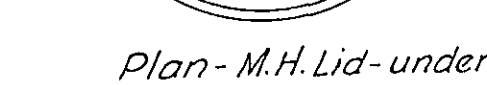
CONCRETE ENCASEMENT



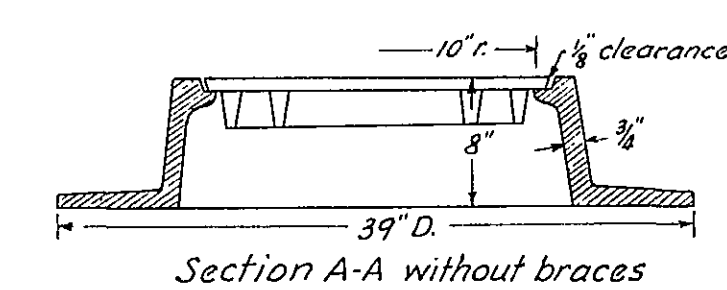
Section A-A.



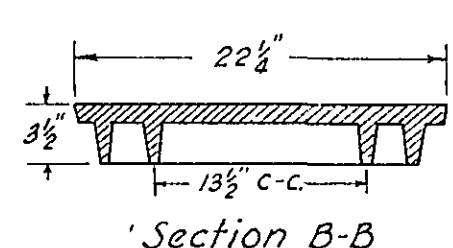
Plan - M.H Lid-over:



Plan - M.H. Lid - under



Section A-A without braces



'Section B-B

STANDARD MANHOLE TOPS
Scale 1"=1'-0"

STANDARD DETAILS
SANITARY SEWERS
CITY OF ROANOKE, VA.

DESIGNED	Std.	SCALE $1/2" = 1'-0"$ except as noted	COM. NO.	287
DRAWN	EBR		SHEET NO.	17 of 17
CHECKED	EKM	DATE 28-MARCH-1949		