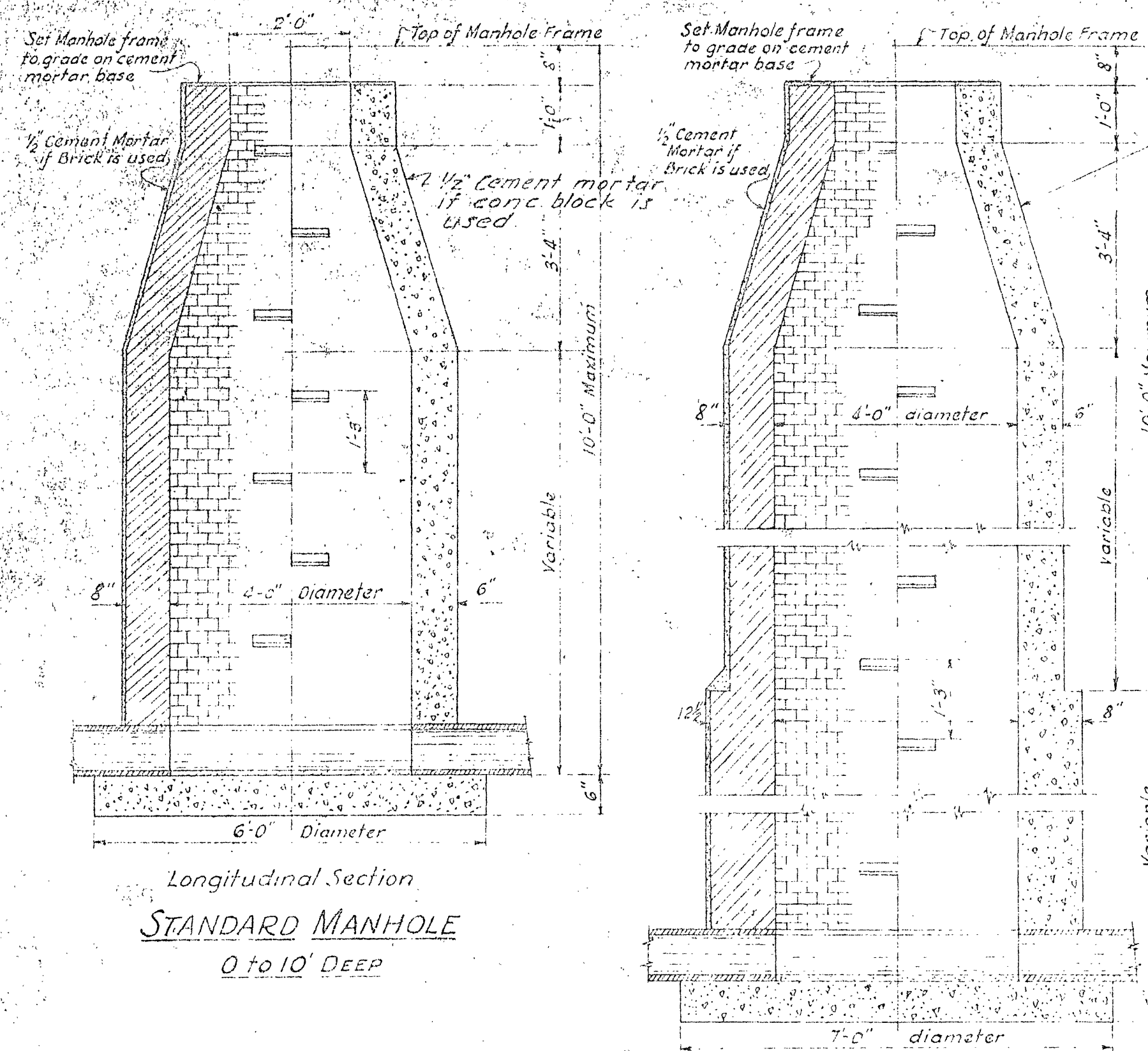
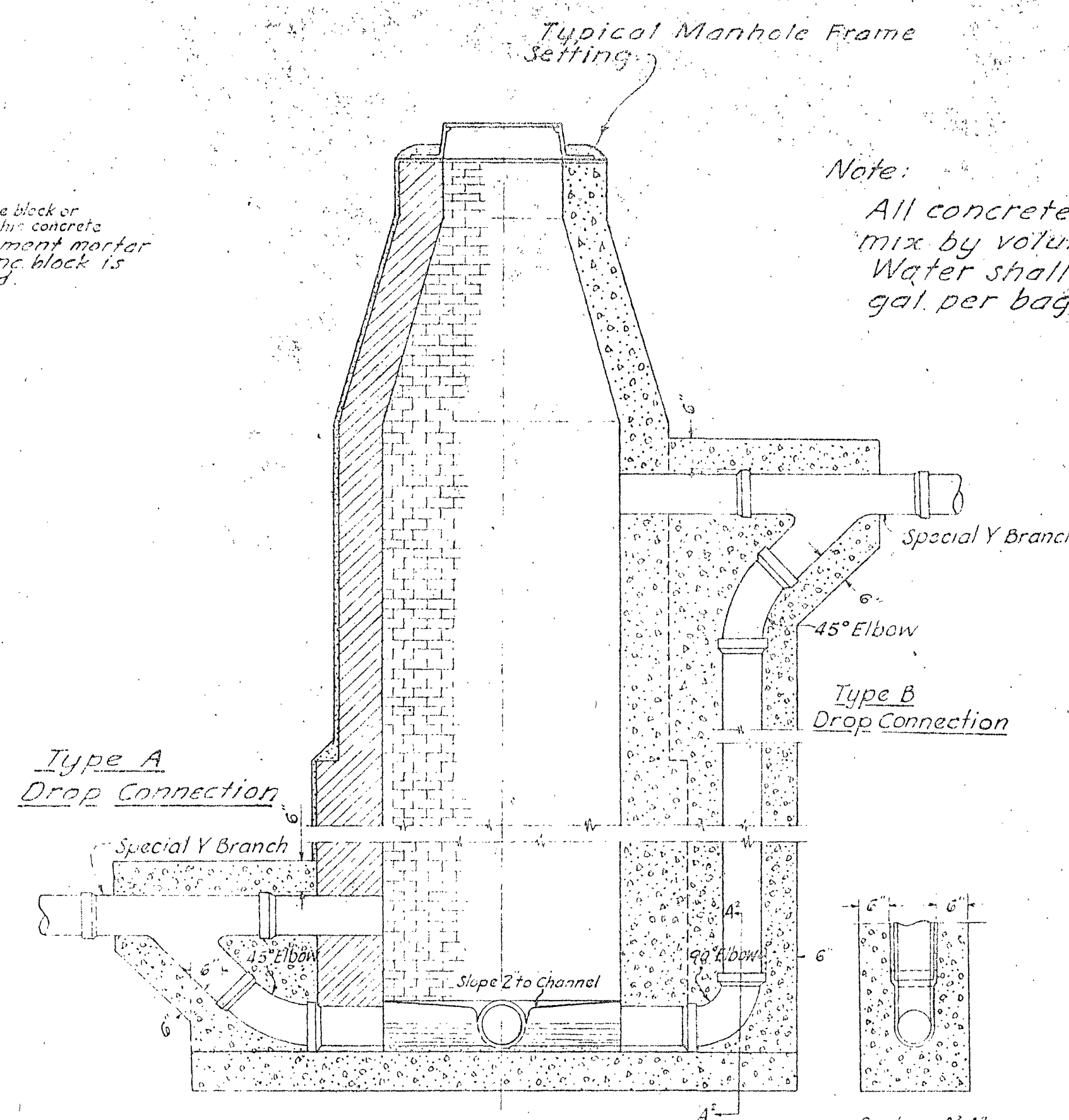
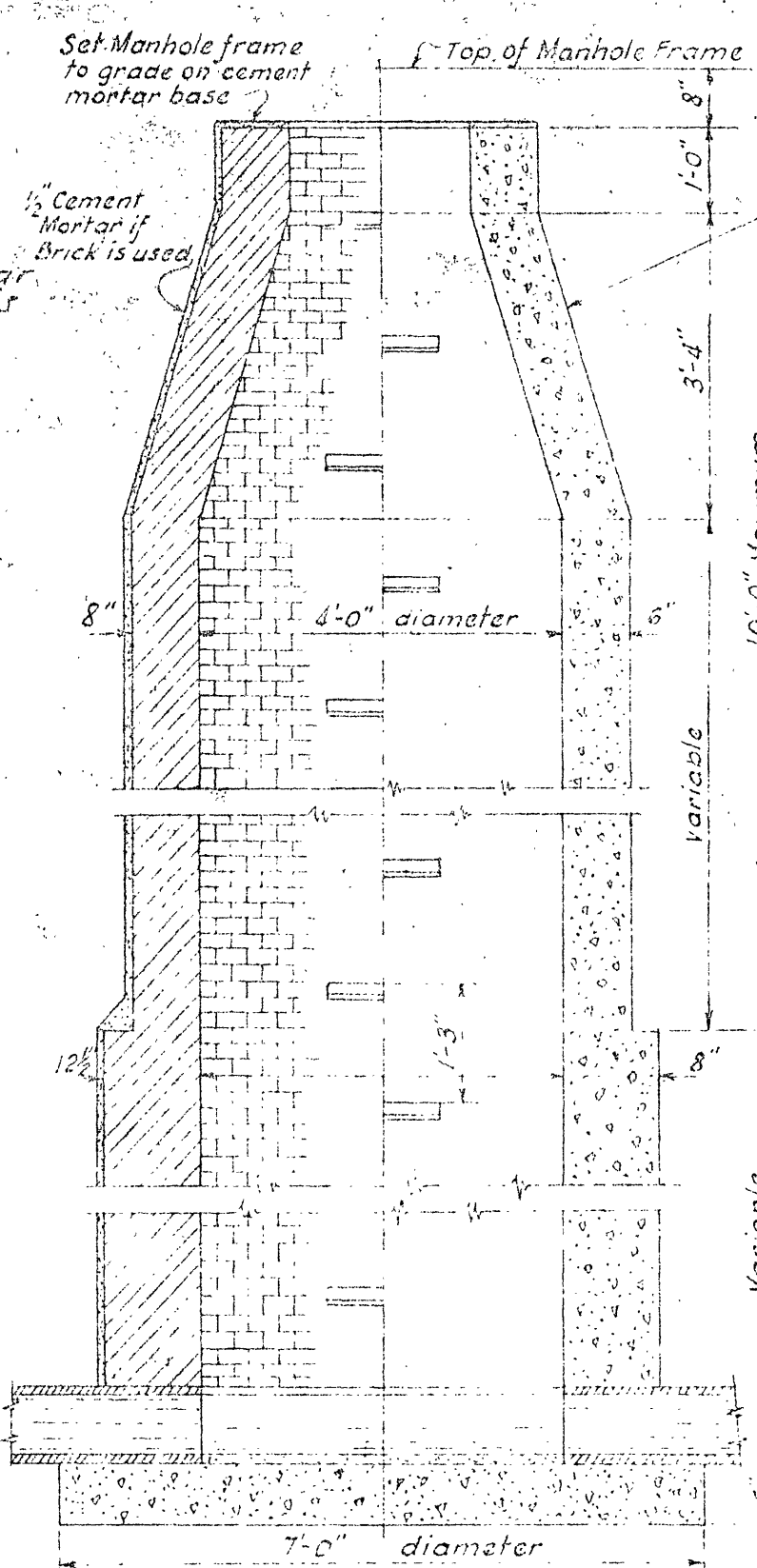




All Manholes to have concrete base
All brick laid generally as headers

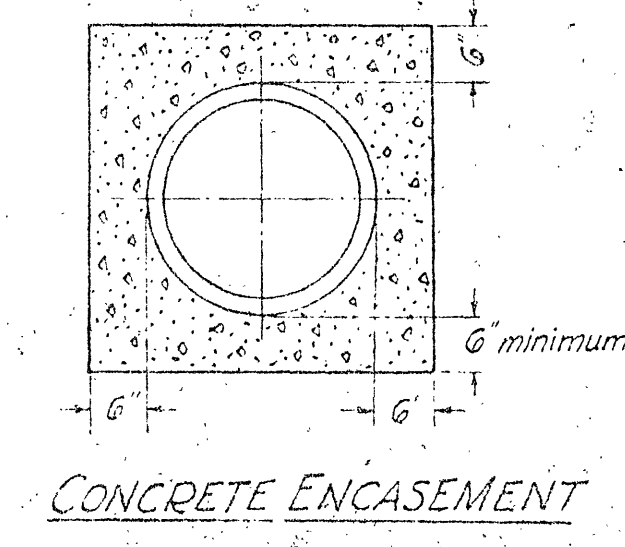
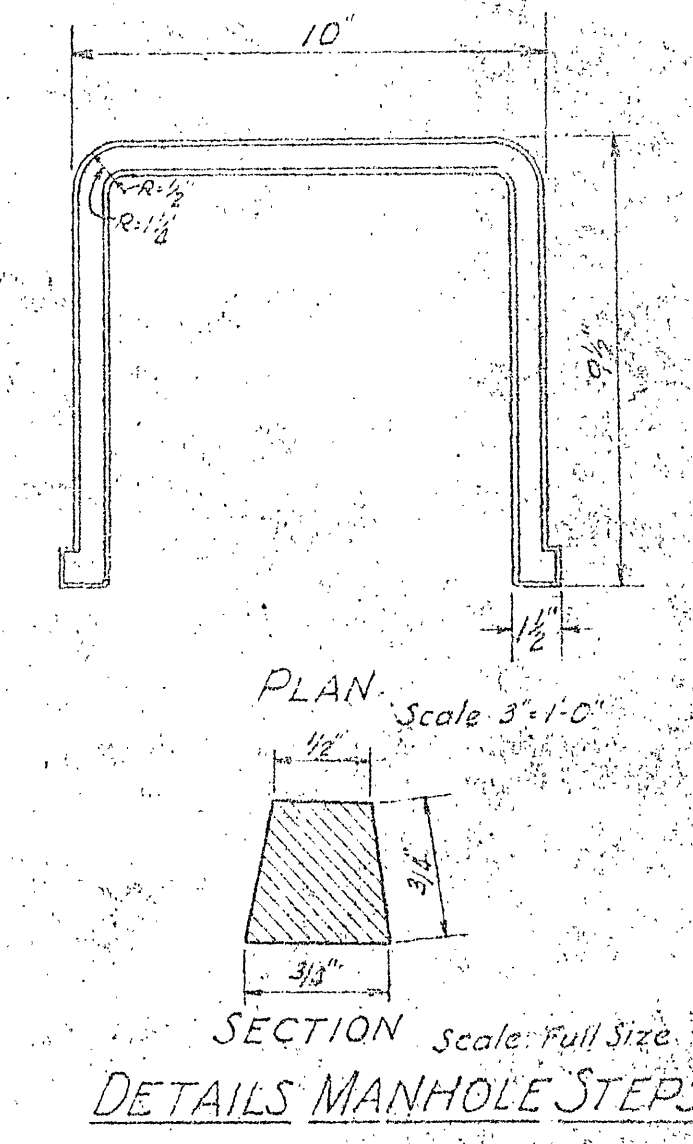
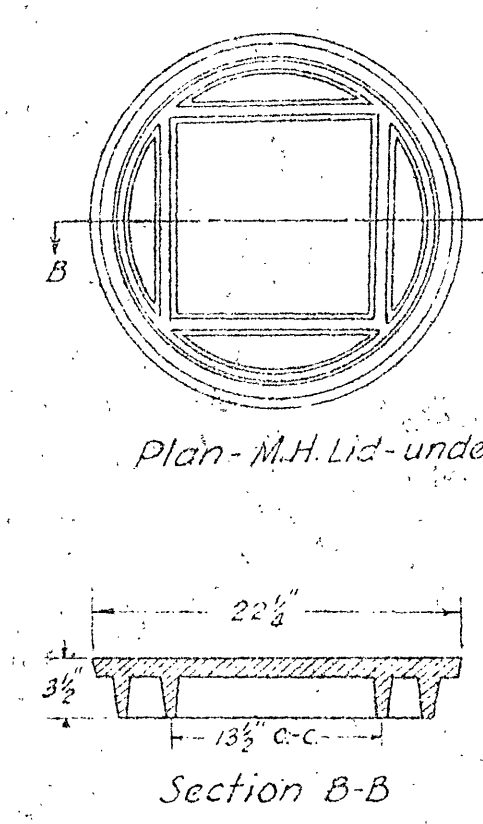
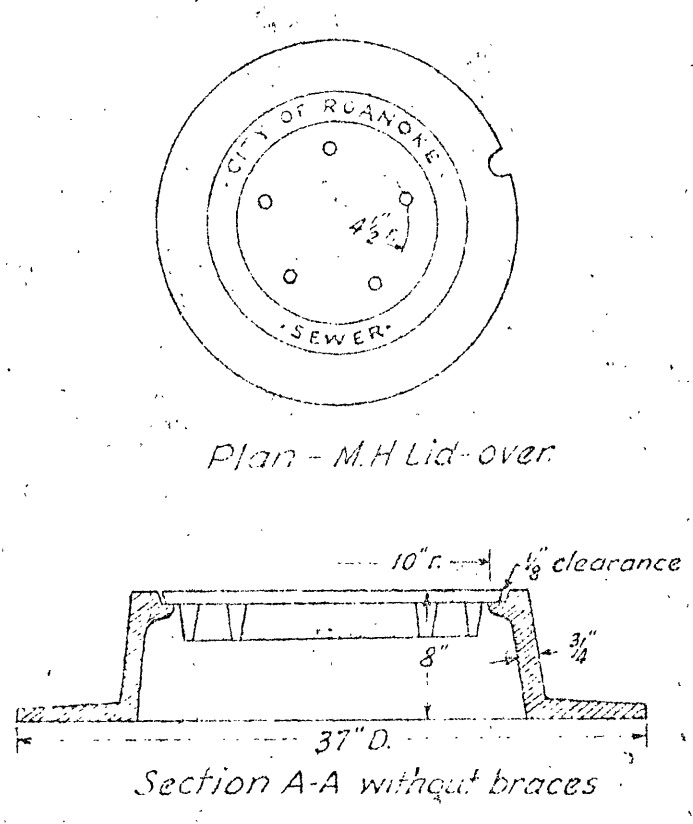
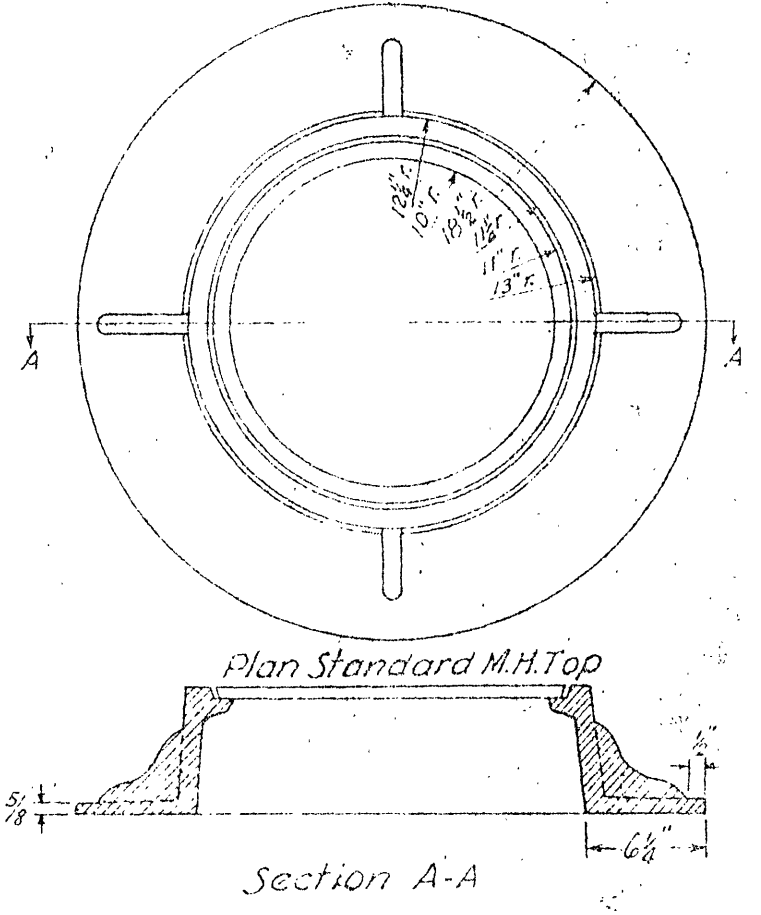
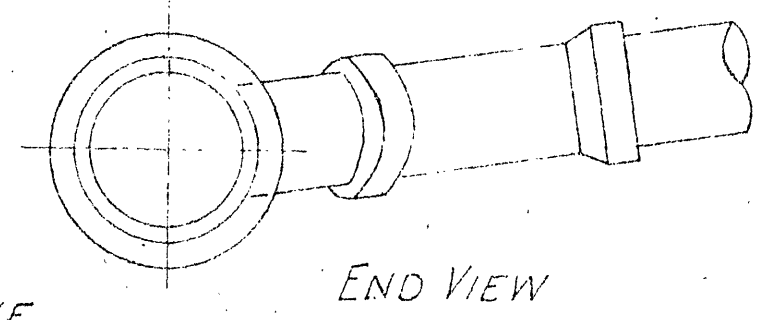
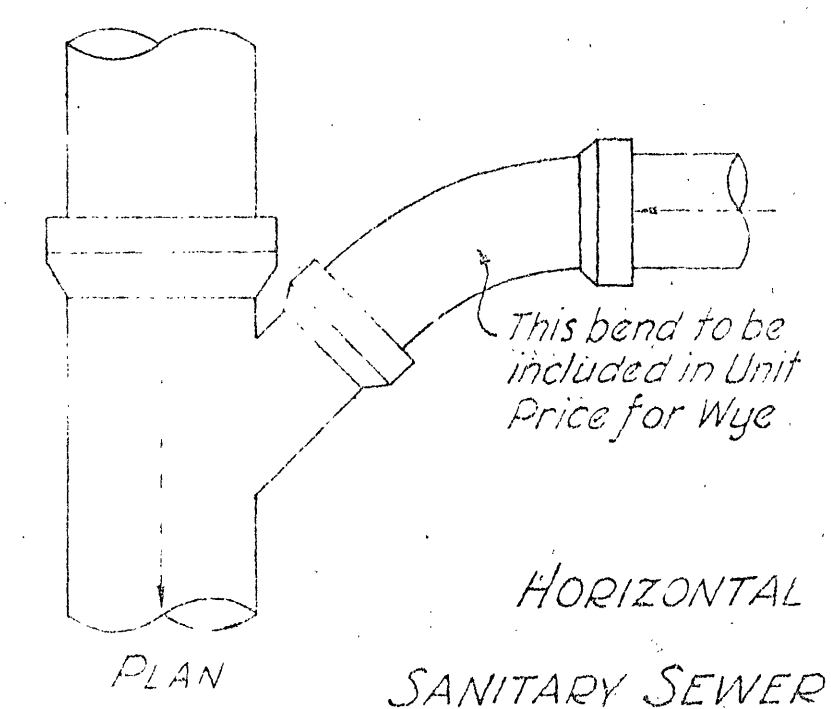
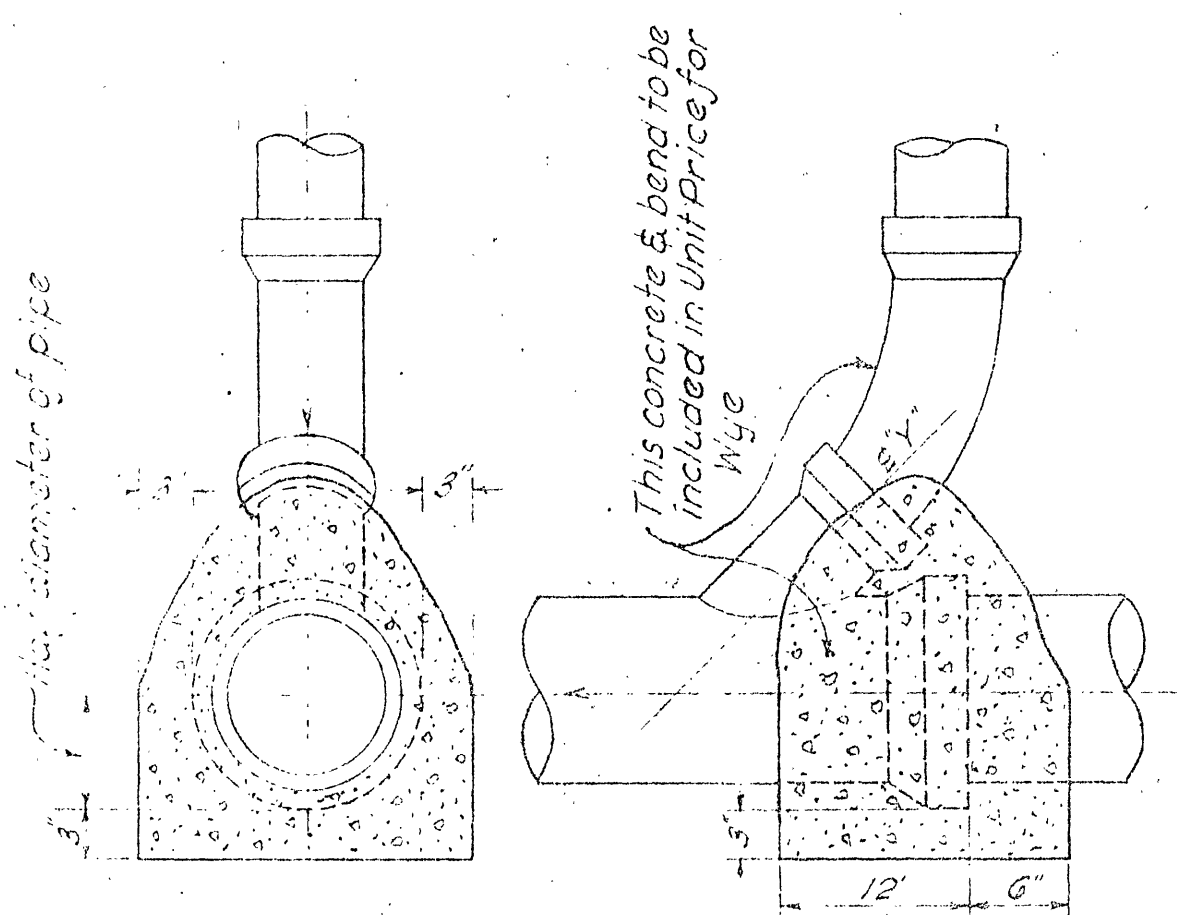
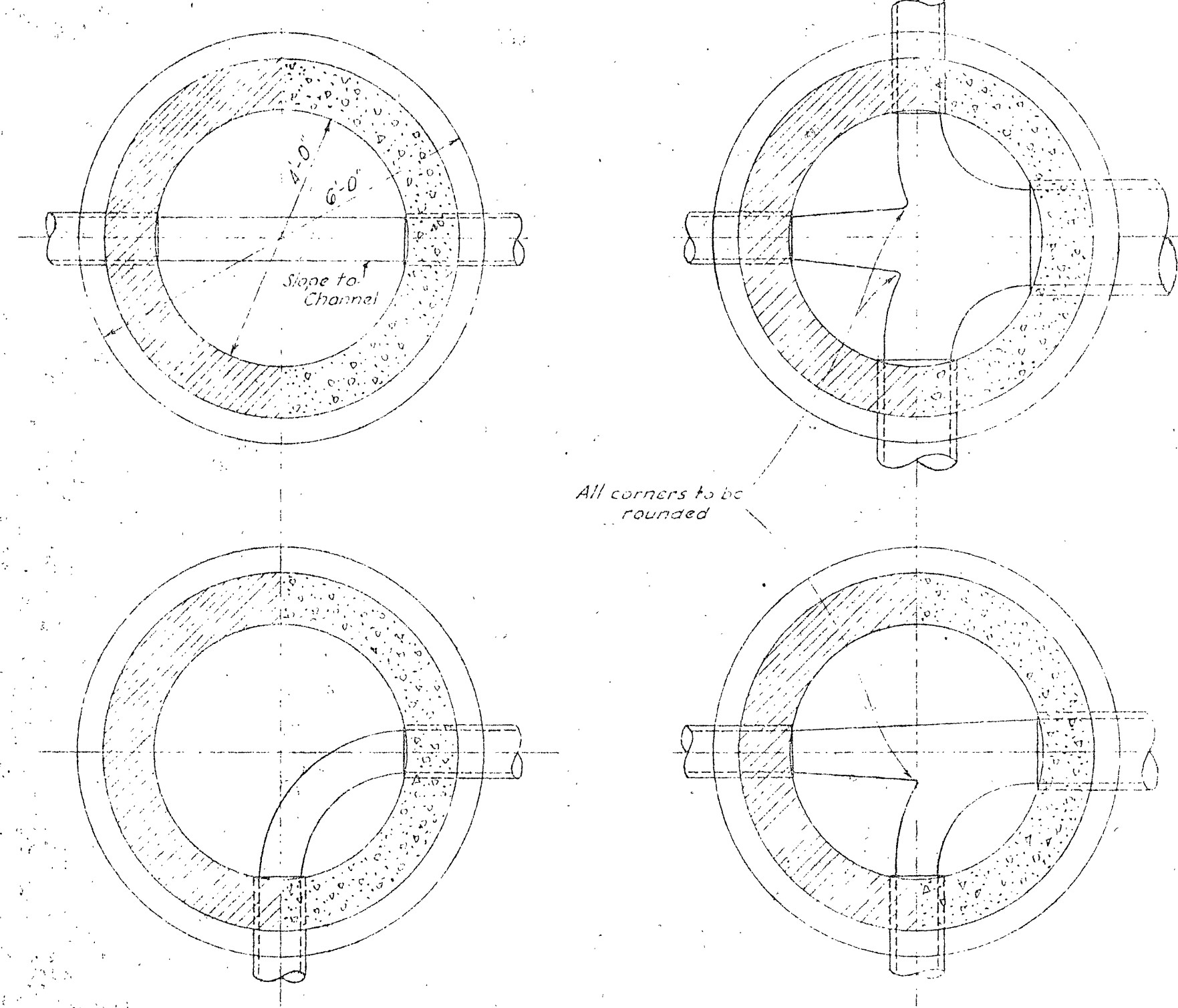
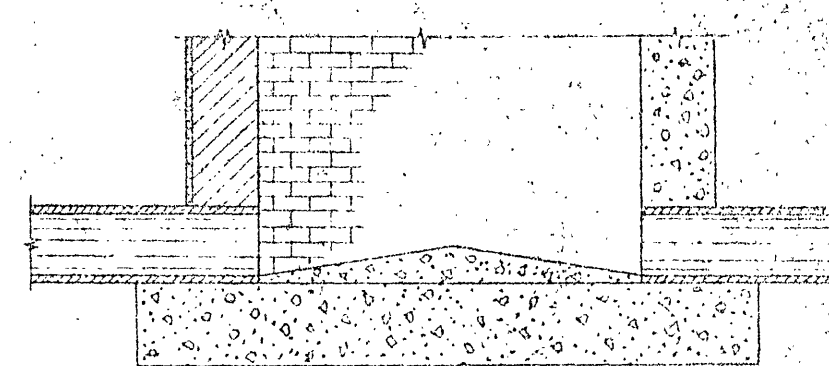
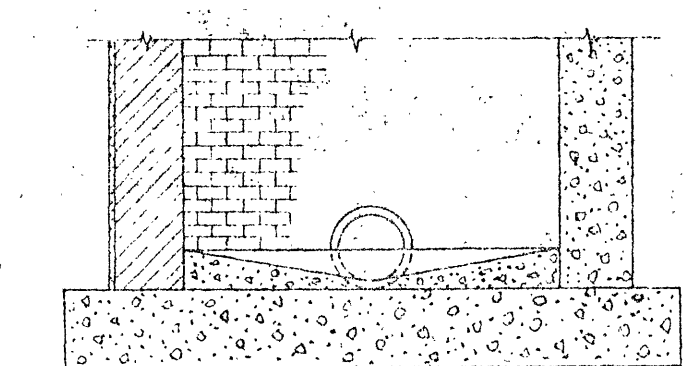
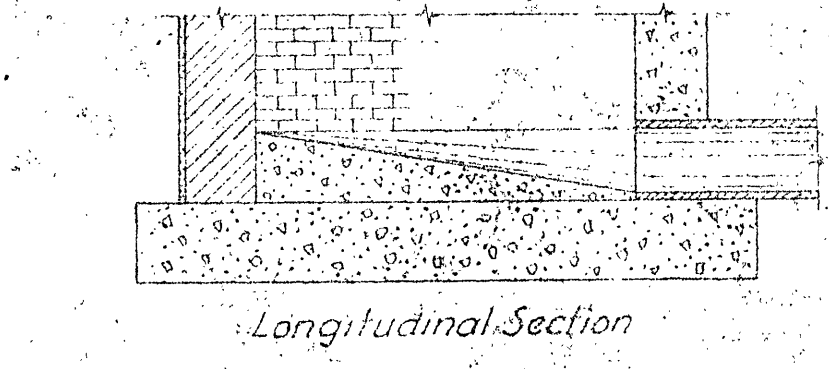
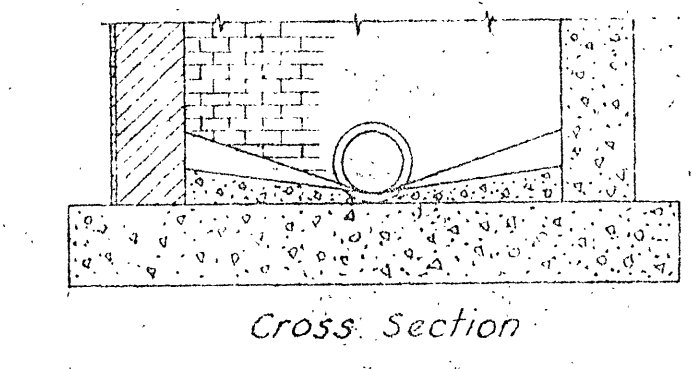
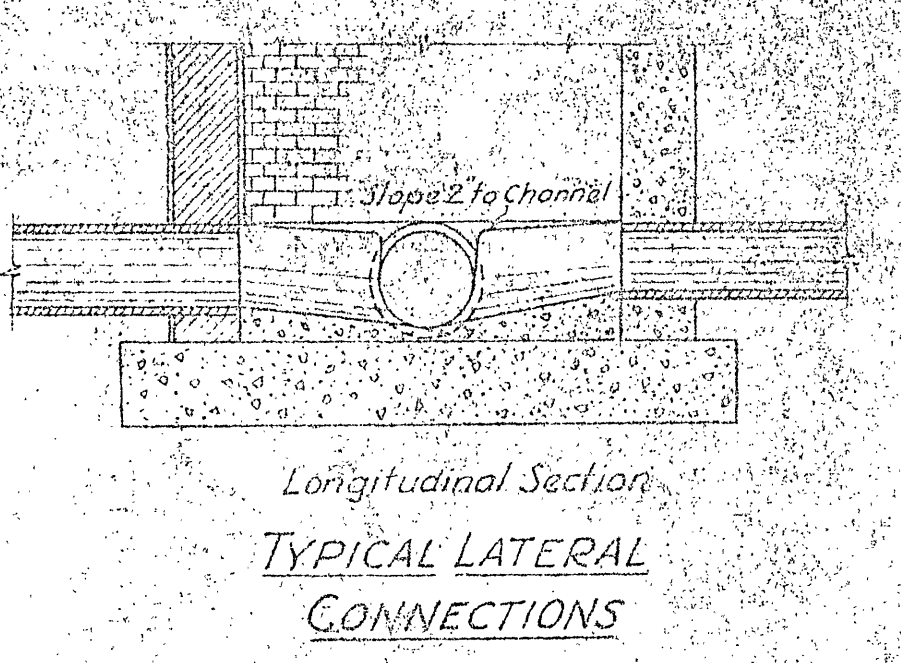
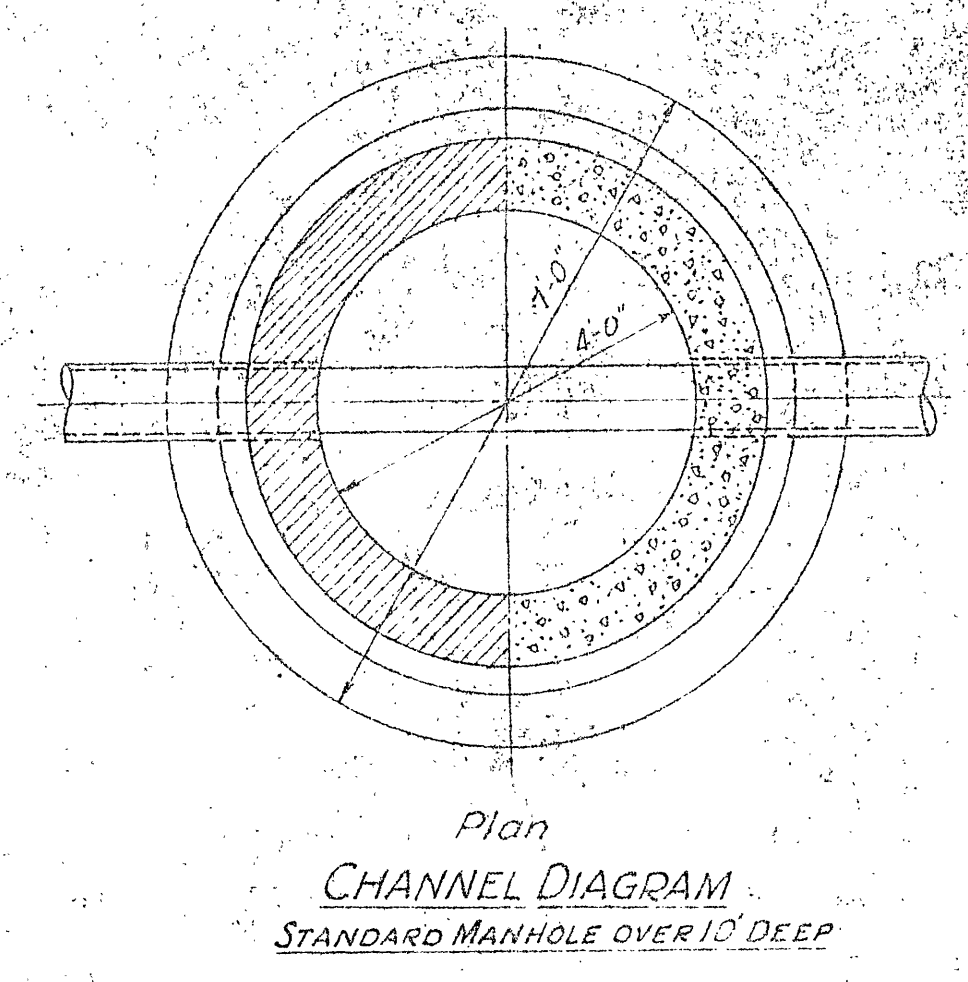
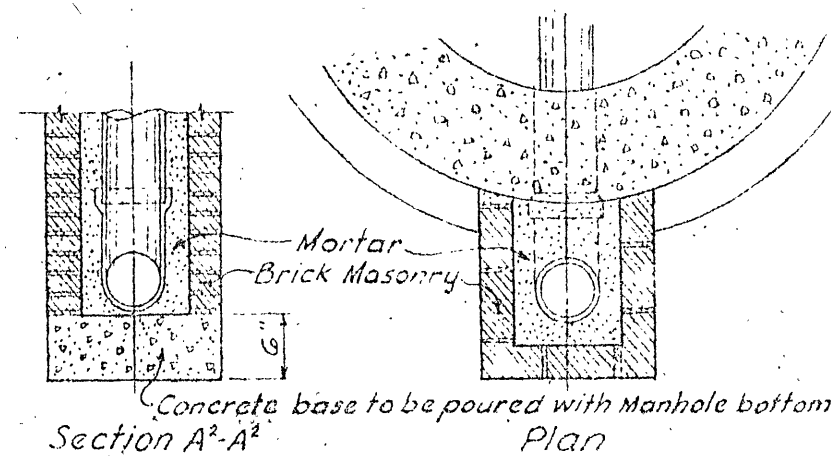


Note:
All concrete shall be 1:2:4
mix by volume.
Water shall not exceed 5.5
gal. per bag of cement.

Type A
Drop Connection

Cross Section
TYPICAL DROP CONNECTIONS
FOR ALL MANHOLES AND ALL PIPE SIZES

Note: Drop connection may
be encased in brick
masonry.



MATTEN & MATTEN ENGINEERS ROANOKE VIRGINIA			
STANDARD DETAILS SANITARY SEWERS CITY OF ROANOKE, VA.			
DESIGNED	STL	SCALE 1/2" = 1'-0"	CON. NO. 289
DRAWN	EBR	DATE 1 Sept 1945	SHEET NO. 17 of 17
CHECKED	ERM		