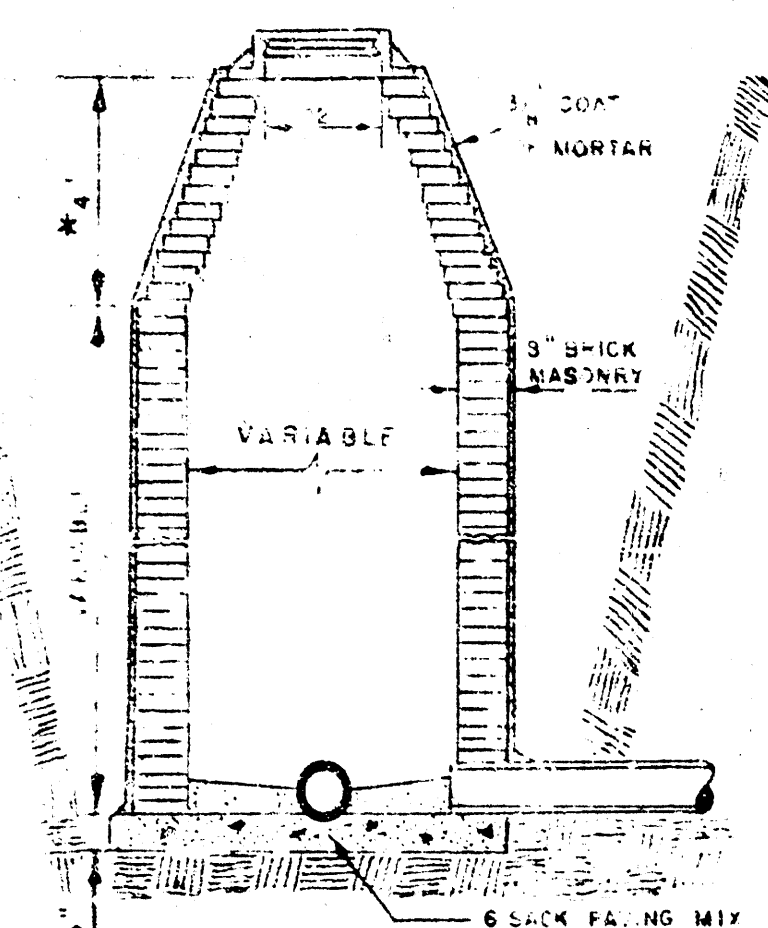
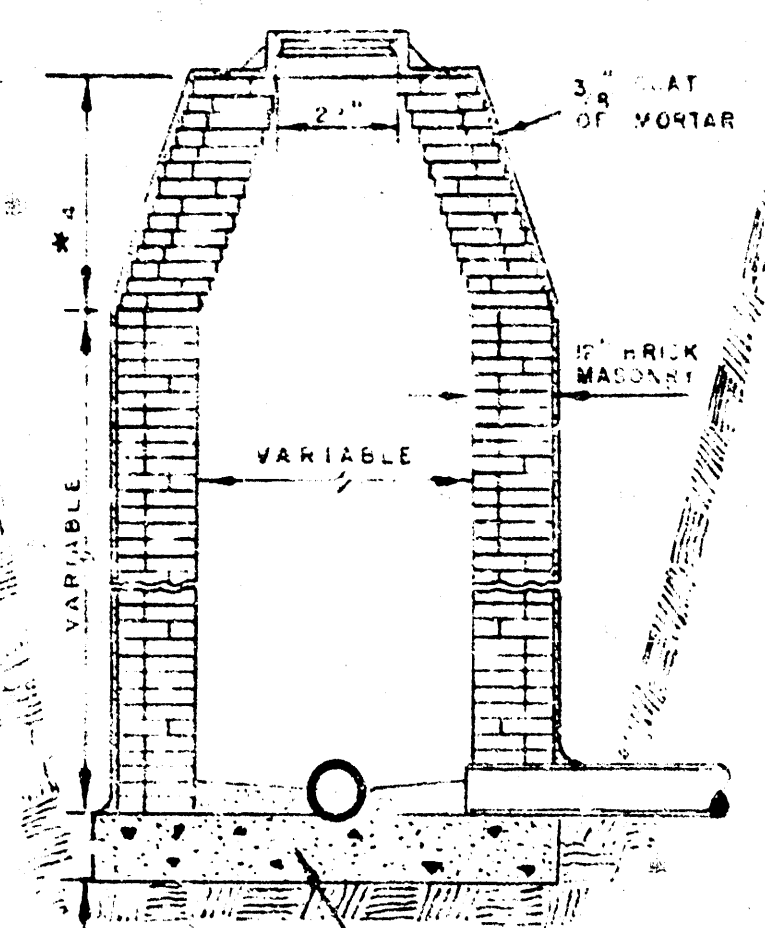
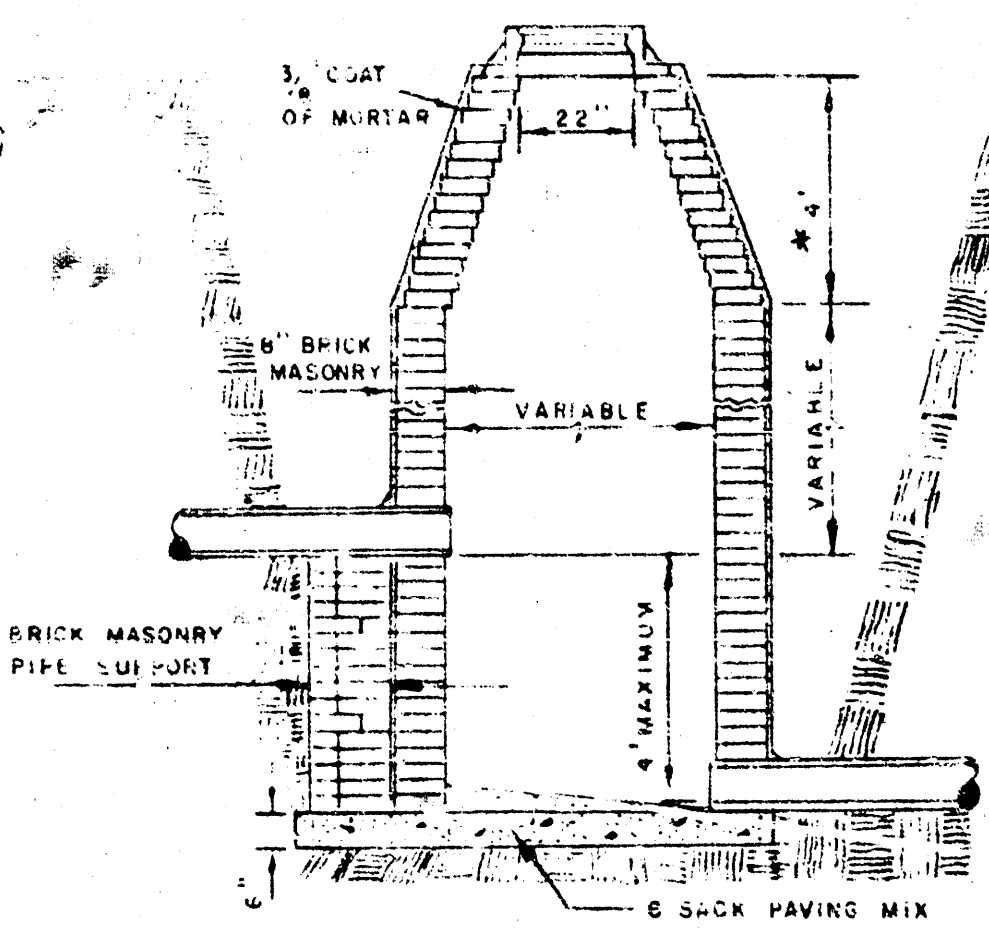




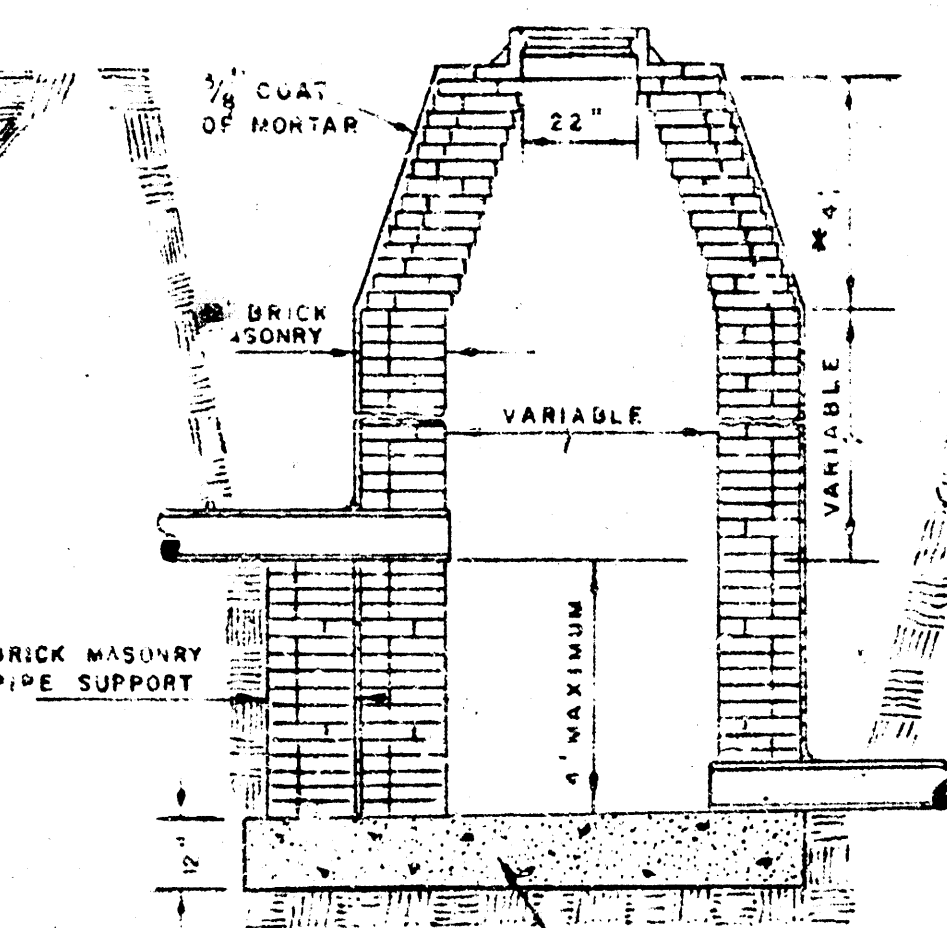
STANDARD MANHOLE
TYPE "A"



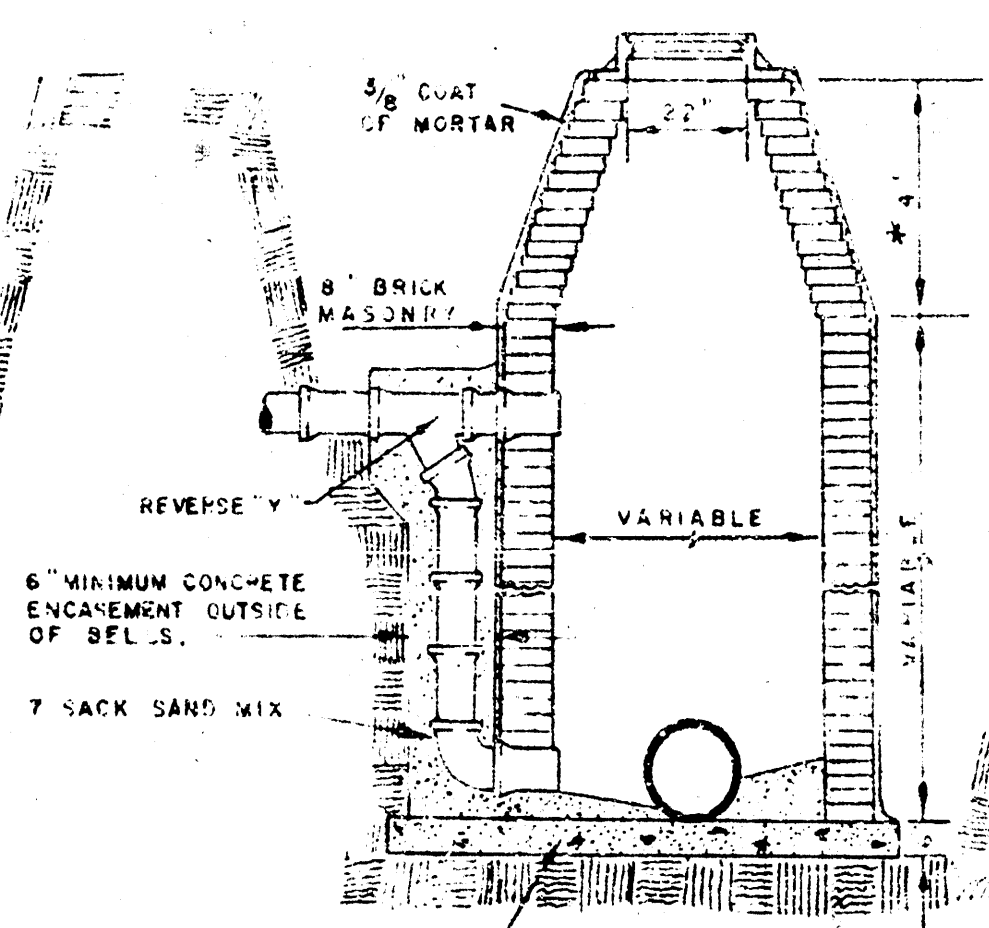
STANDARD MANHOLE
TYPE "B"



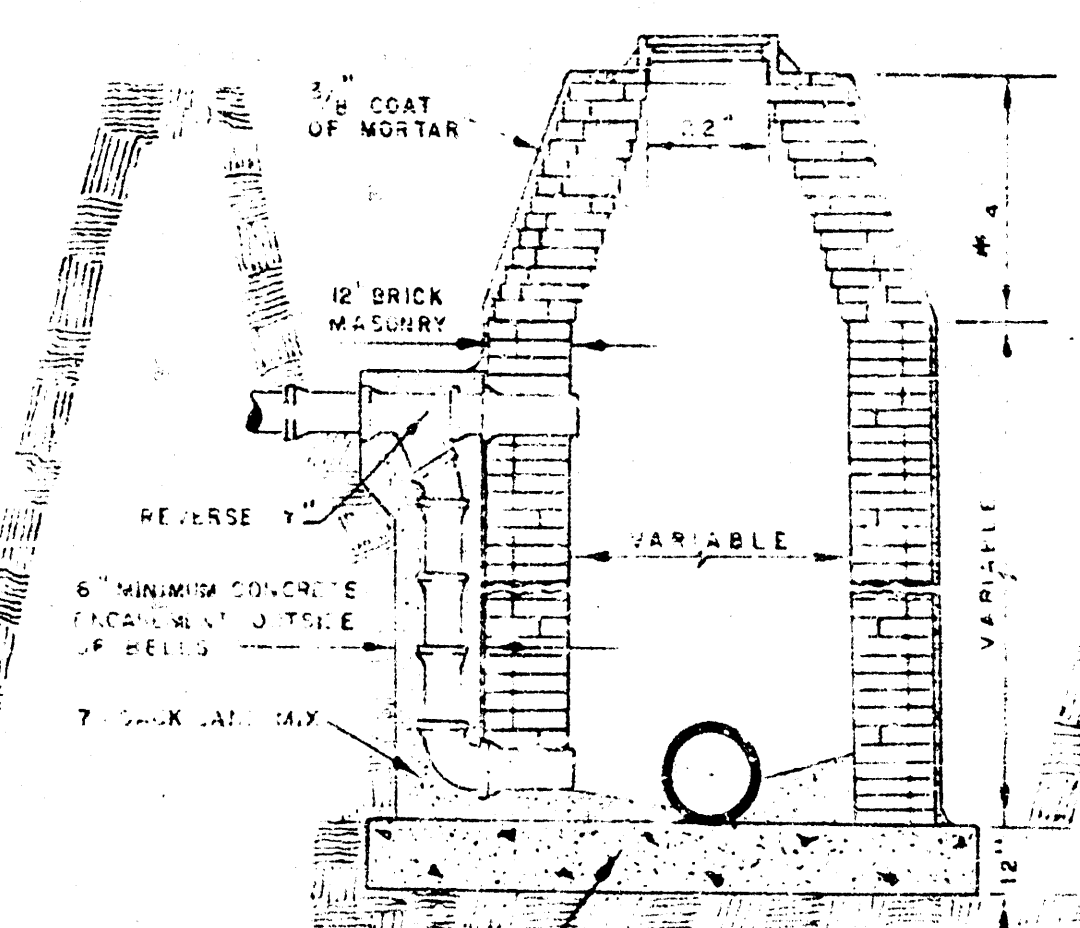
DROP MANHOLE
TYPE "A"



DROP MANHOLE
TYPE "B"

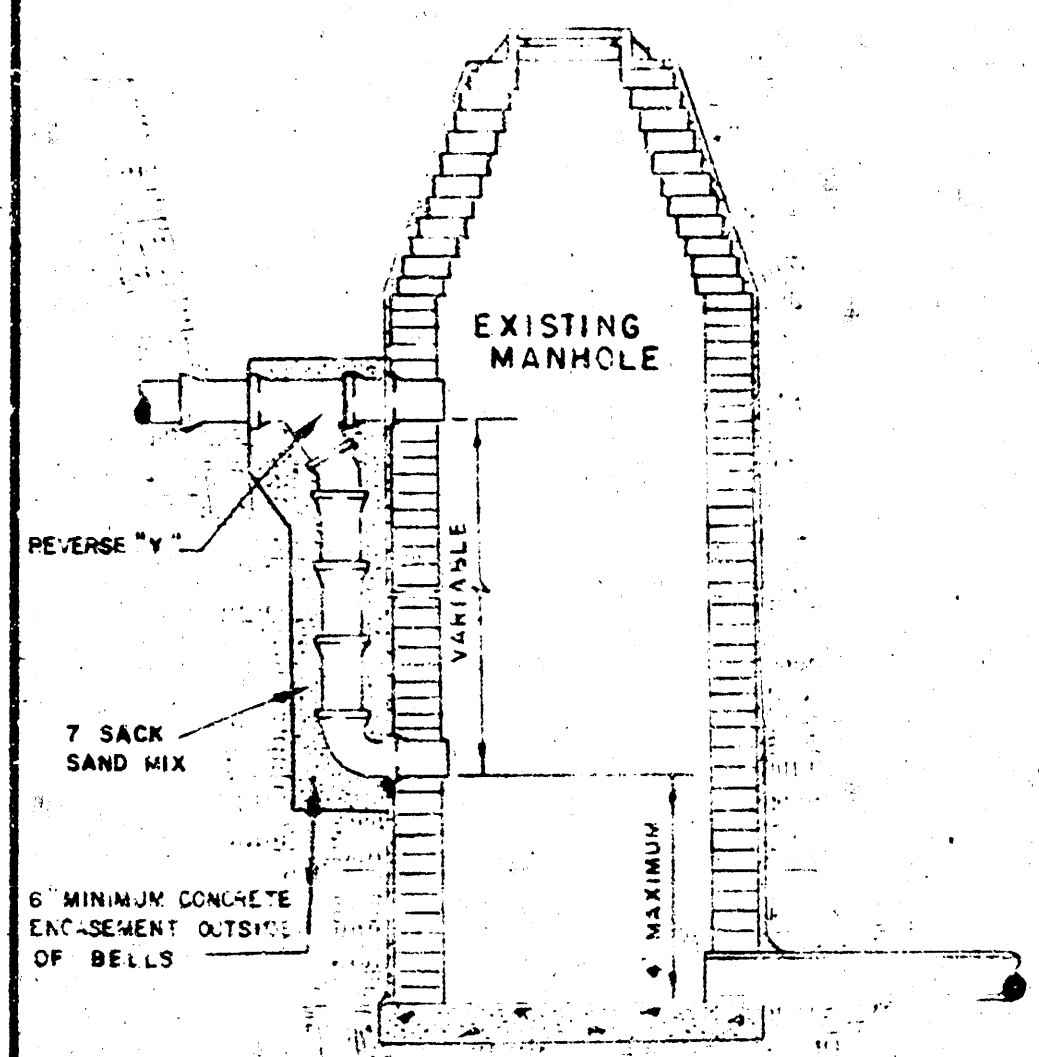


OUTSIDE DROP MANHOLE
TYPE "A"

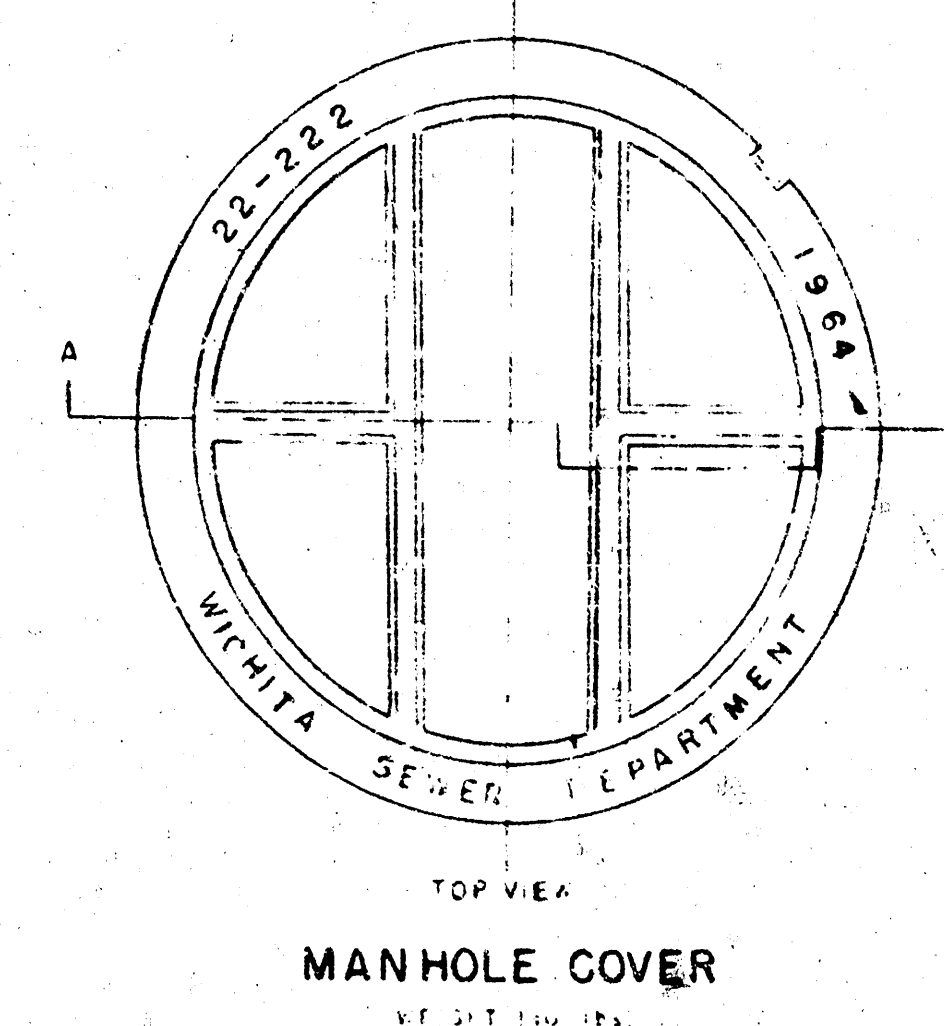


OUTSIDE DROP MANHOLE
TYPE "B"

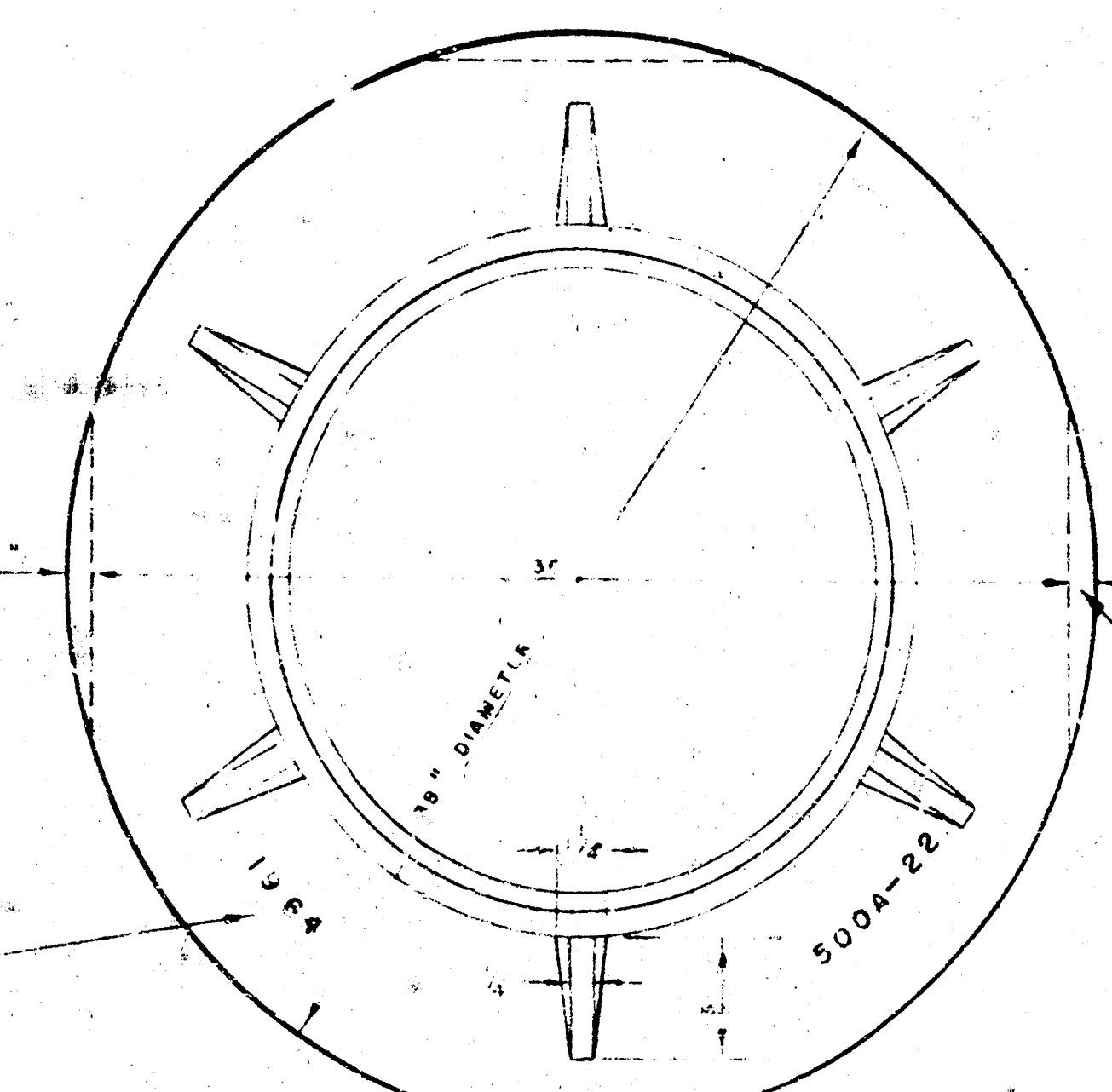
* DRAW = 6' ON 5' DIA. M.H.



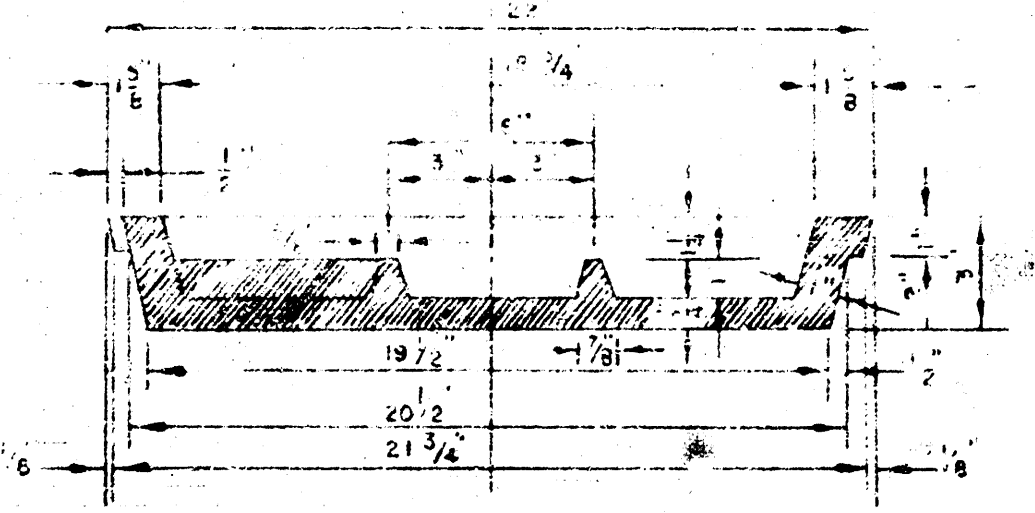
DETAIL OF DROP STACK
FOR EXISTING MANHOLES IN GROUND WATER



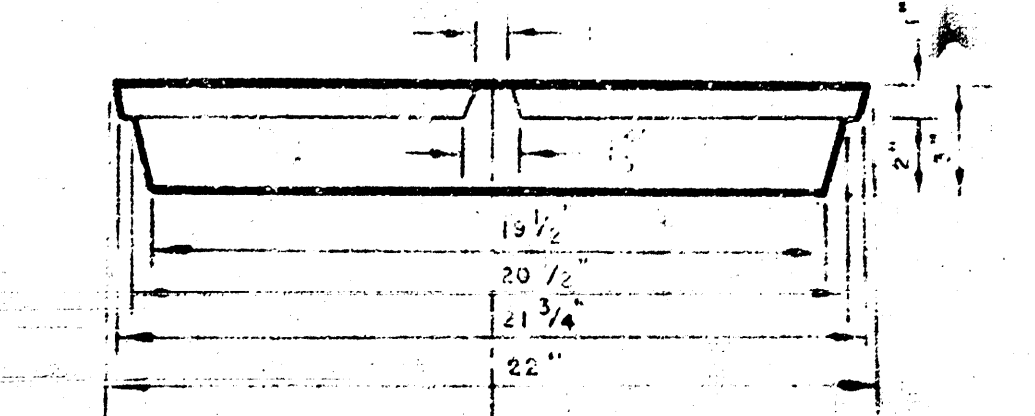
MANHOLE COVER



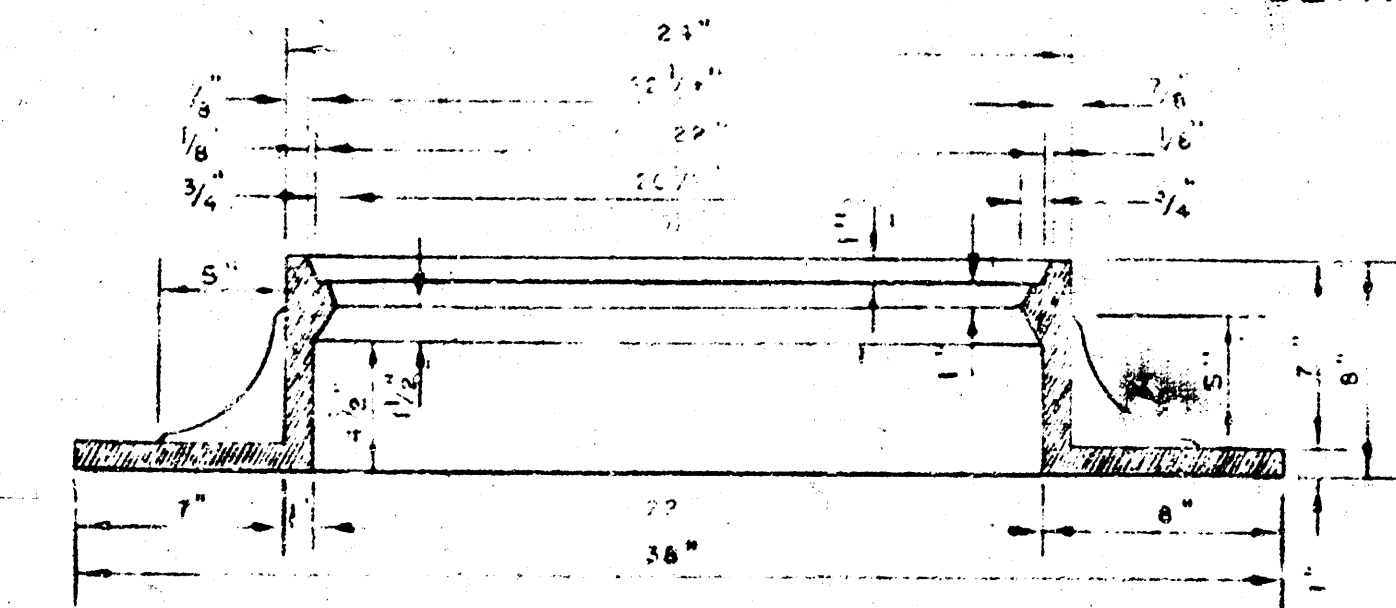
MANHOLE RING



MANHOLE COVER

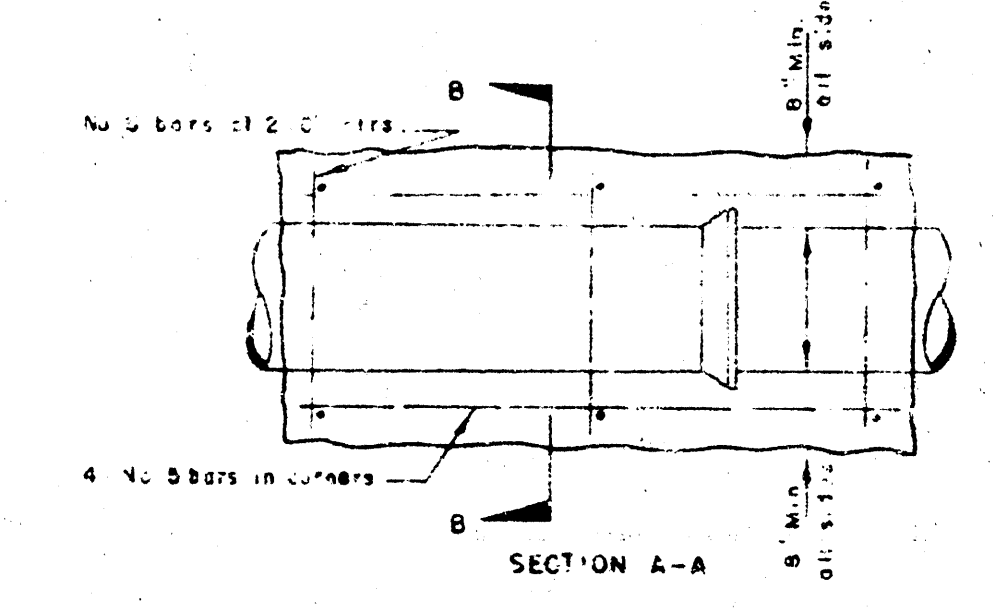


MANHOLE COVER

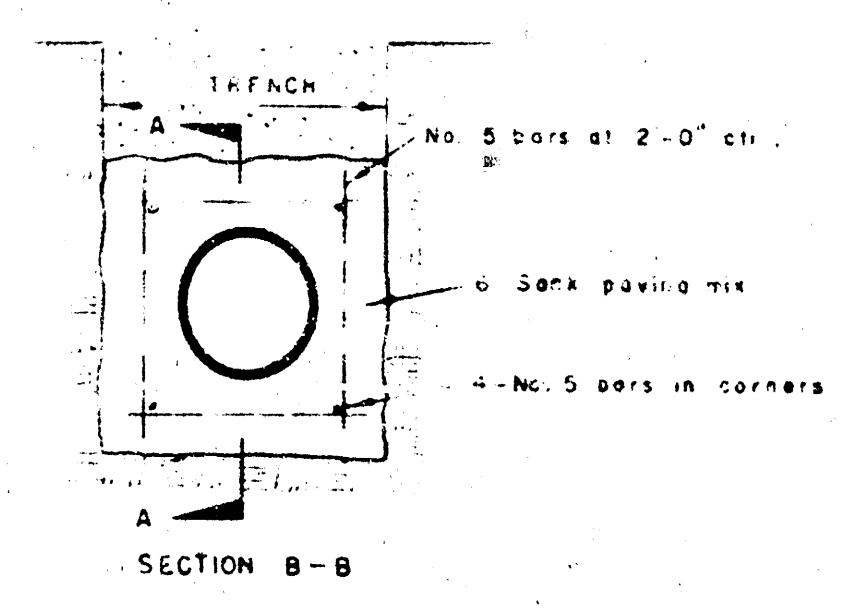


MANHOLE RING

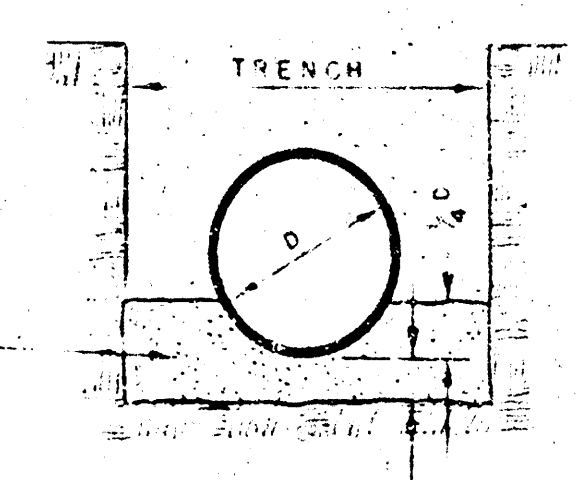
OUTSIDE DIMENSION OF COVER
AND THE COVER FACE AND SEAT OF
RING TO BE MACHINE FIT.



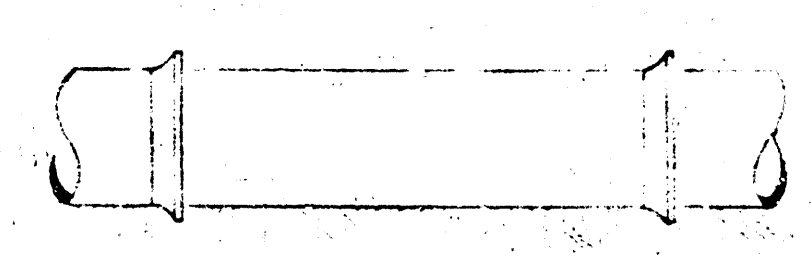
REINFORCED CONCRETE ENCASEMENT
FOR STRENGTH



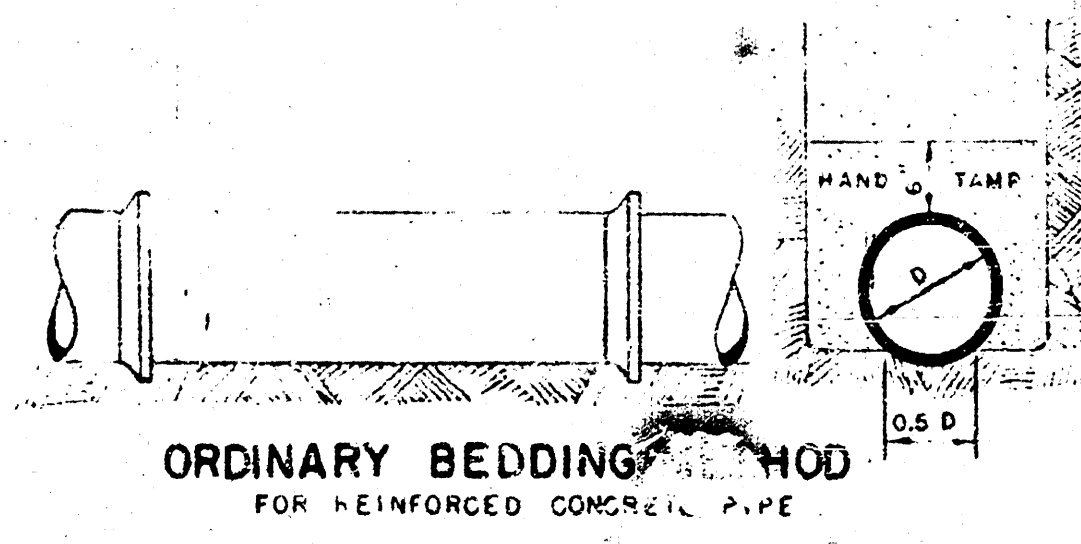
CONCRETE ENCASEMENT
FOR COVER



DETAIL OF CONCRETE CRADLE



ORDINARY BEDDING METHOD
FOR CLAY PIPE



ORDINARY BEDDING METHOD
FOR REINFORCED CONCRETE PIPE

MANHOLES
THE CONCRETE USED FOR MORTAR IN
MANHOLES SHALL CONTAIN 6 SACKS OF
CEMENT PER CUBIC YARD.
STANDARD MANHOLES AND DROP
MANHOLES, REGARDLESS OF DIAMETER,
SHALL BE BID AT ONE PRICE AS
STANDARD MANHOLES.
SINGLE OR DOUBLE OUTSIDE
DROP MANHOLES SHALL BE BID AT ONE
PRICE AS OUTSIDE DROP MANHOLES.
ALL MANHOLES WITH PIPES LONGER
THAN 24" SHALL BE 5' DIAMETER UNLESS
OTHERWISE SPECIFIED ON PLAN. ALL M.H.'S
WITH PIPES 24" & SMALLER SHALL BE 4' DIA.

DETAILS OF
SEWER APPURTENANCES
ADOPTED AS STANDARD DESIGN
BY
ENGINEERING DIVISION
CITY OF WICHITA, KANSAS
DON C. MOHRING, C.E.
CONSULTING ENGINEERS
1968

3/3
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