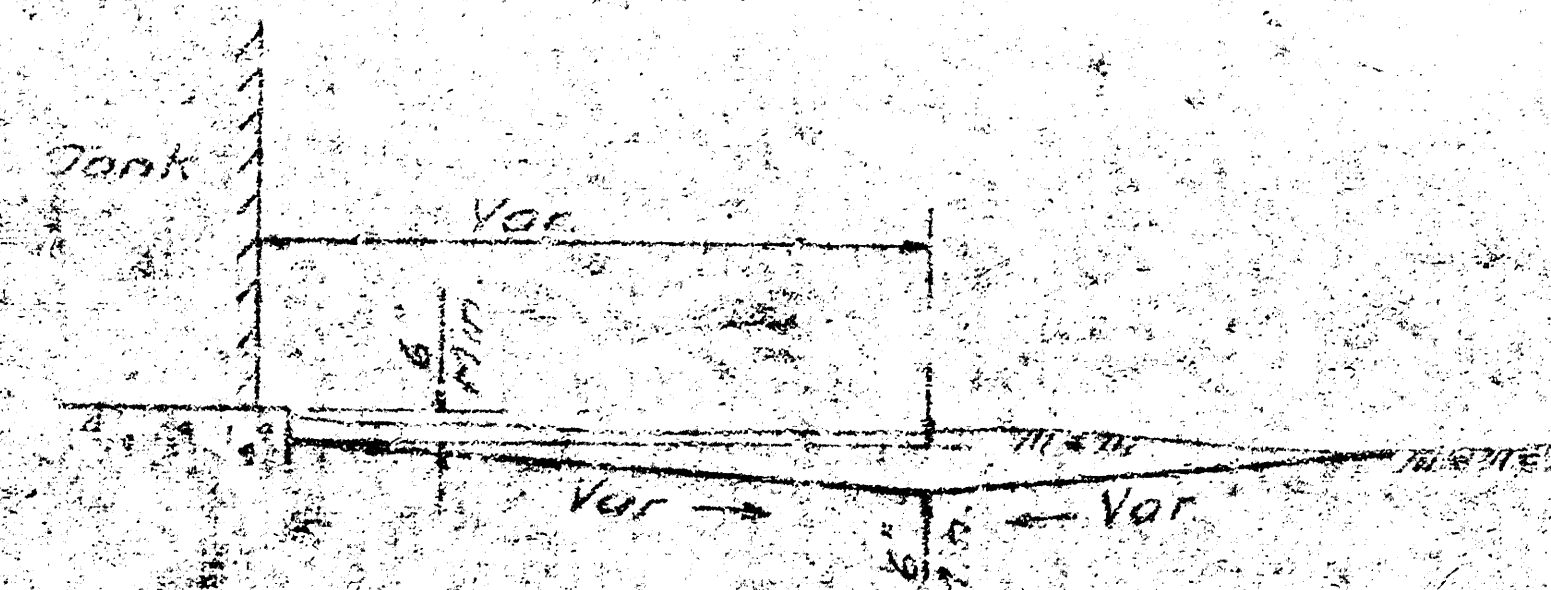
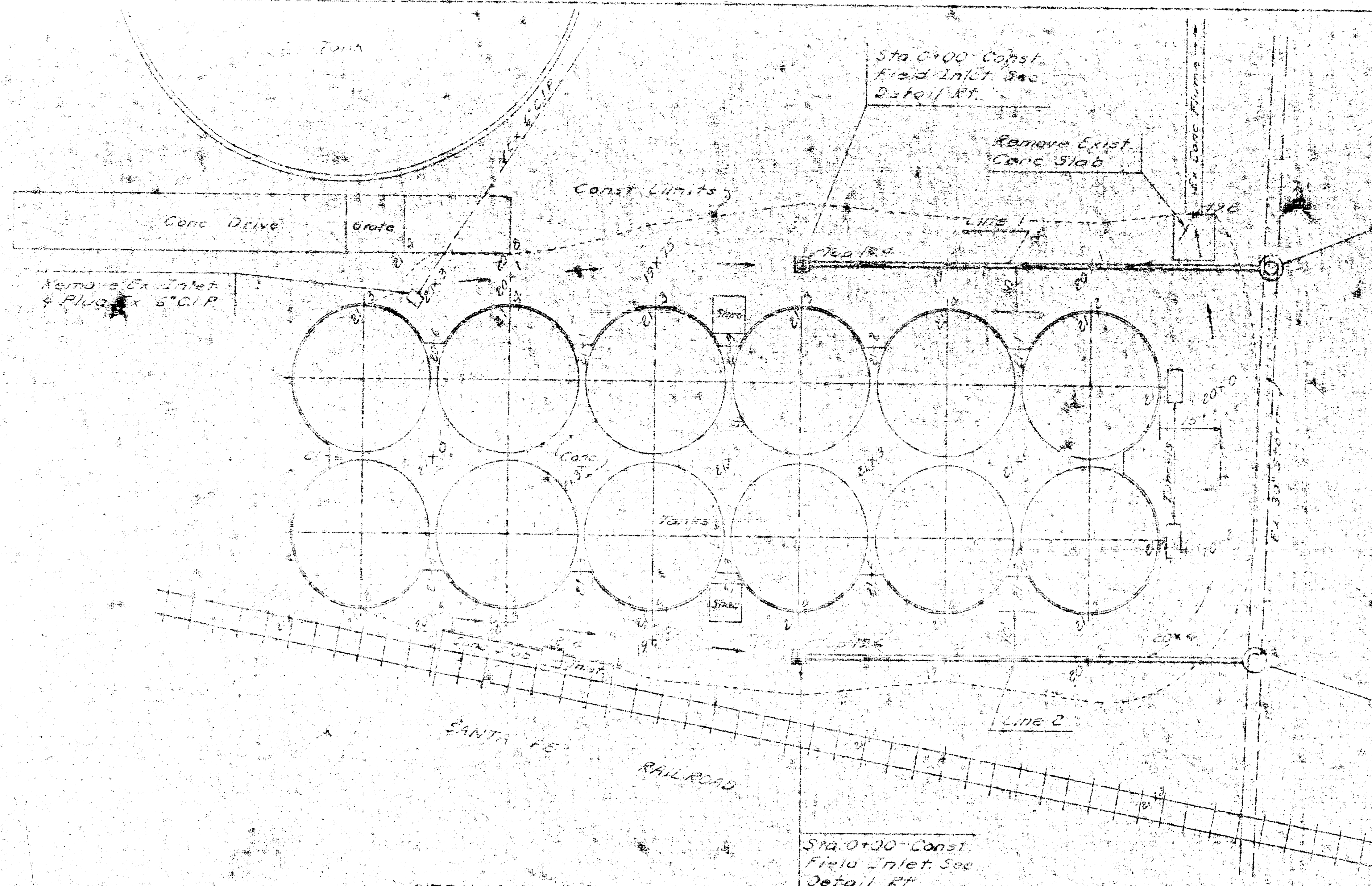
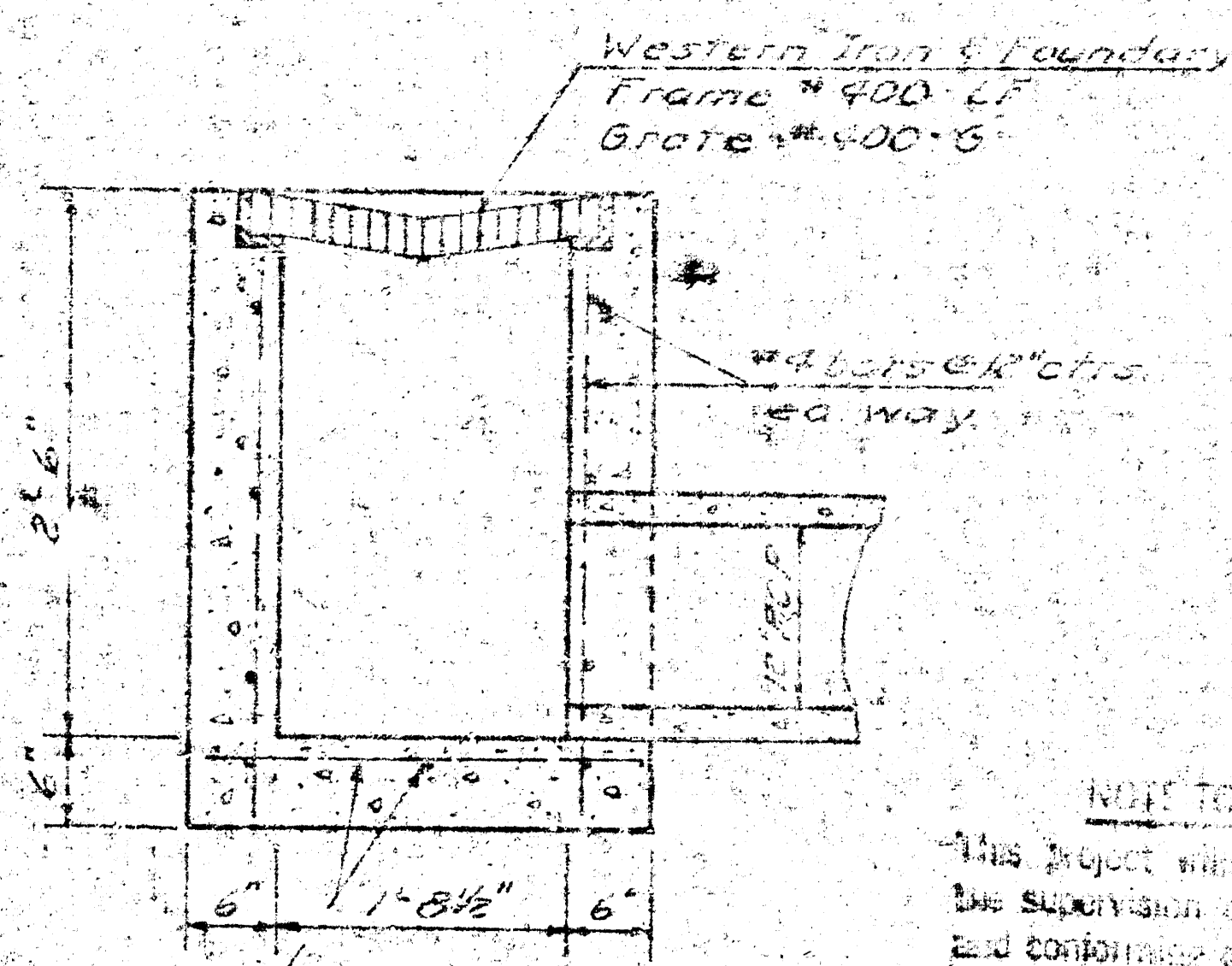




TYPICAL SWALE SECTION

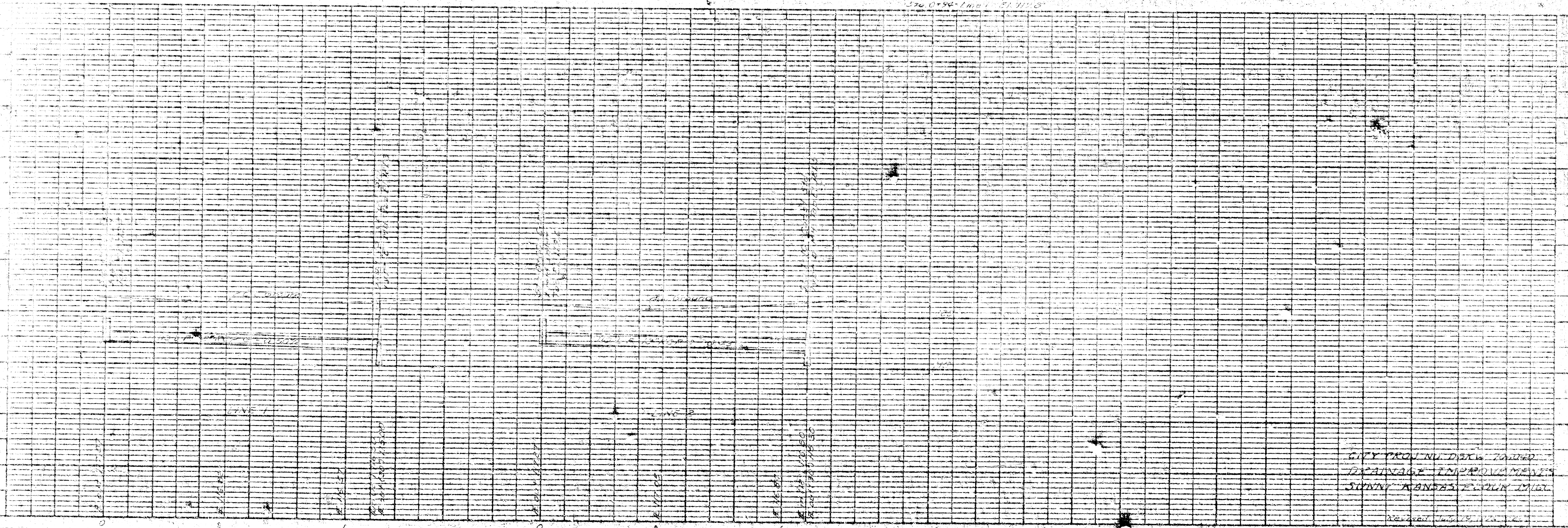
7-19-76
 APPROVED AS NOTED
 By CITY ENGINEER OR ASHTA
 Sanitary Sewers
 Storm Sewers
 E. Dorey Approved



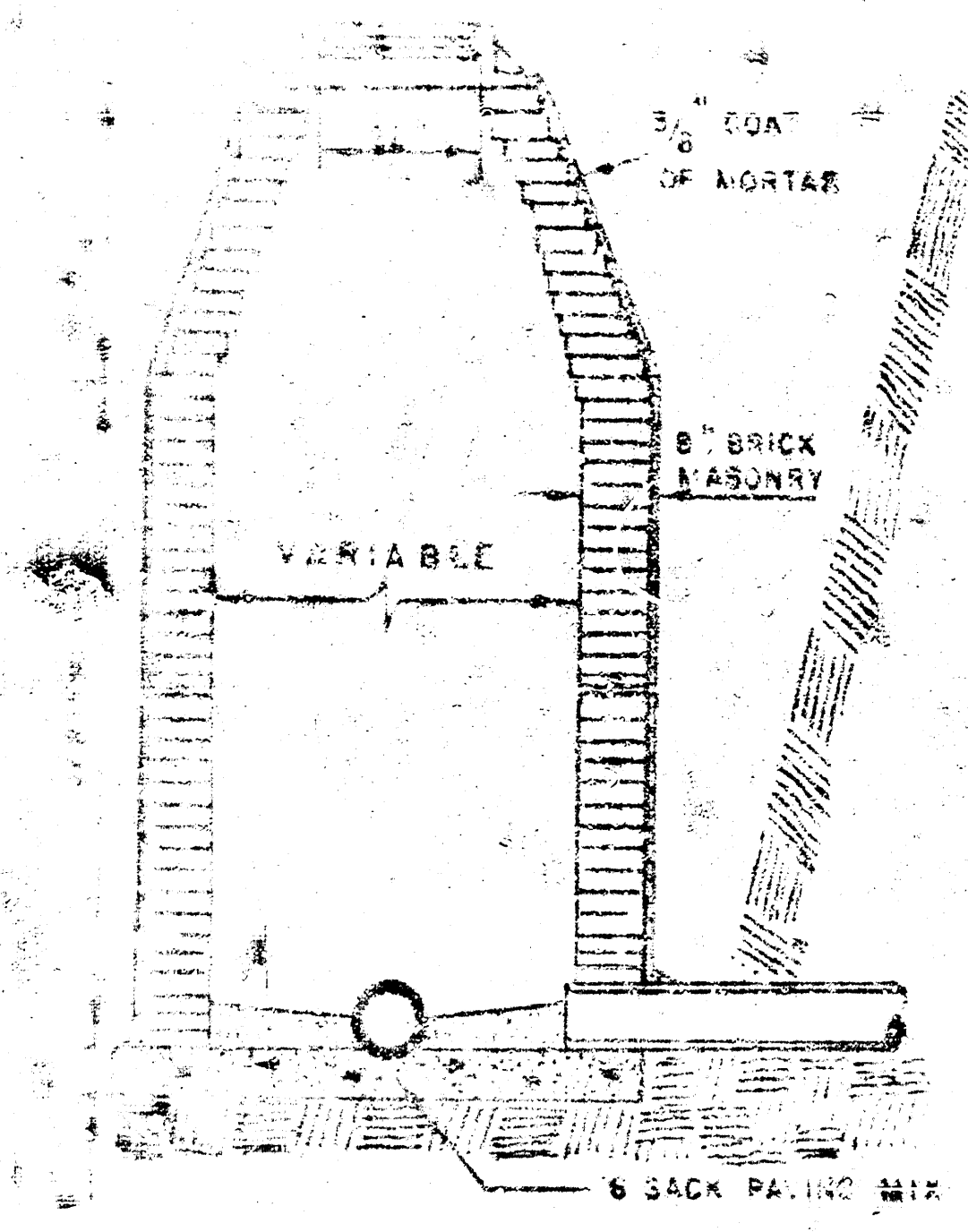
FIELD INLET DETAILS

NOTE TO CONTRACTOR
 This project will be constructed under the supervision of the City Engineer and conforming to the specifications of the CITY OF SUNNY KANSAS. The City Engineer will be responsible for all construction inspection.

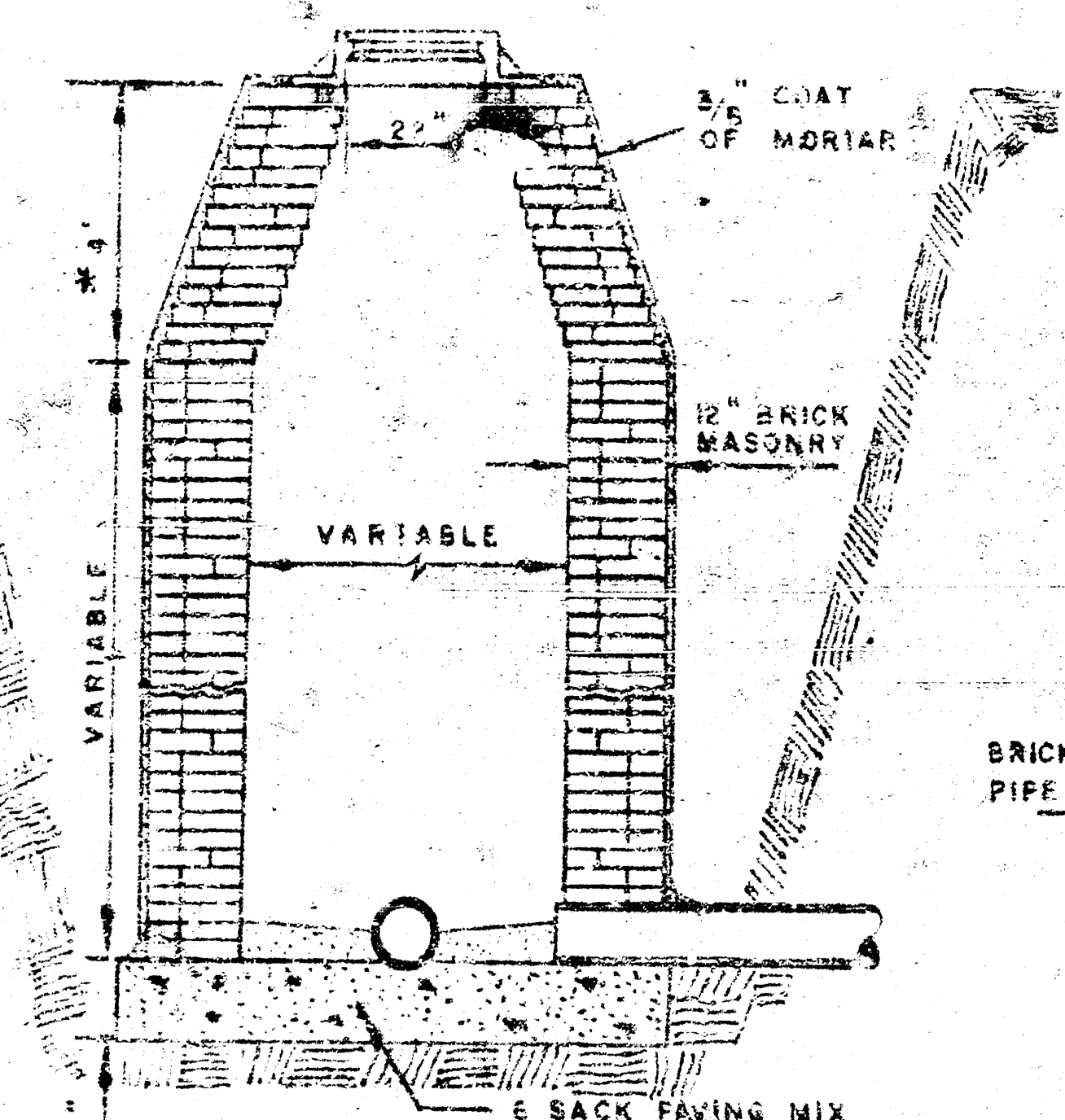
3M W. End Conc. Flume 18' L.
 Sta. 0+54 - 11.5 ft



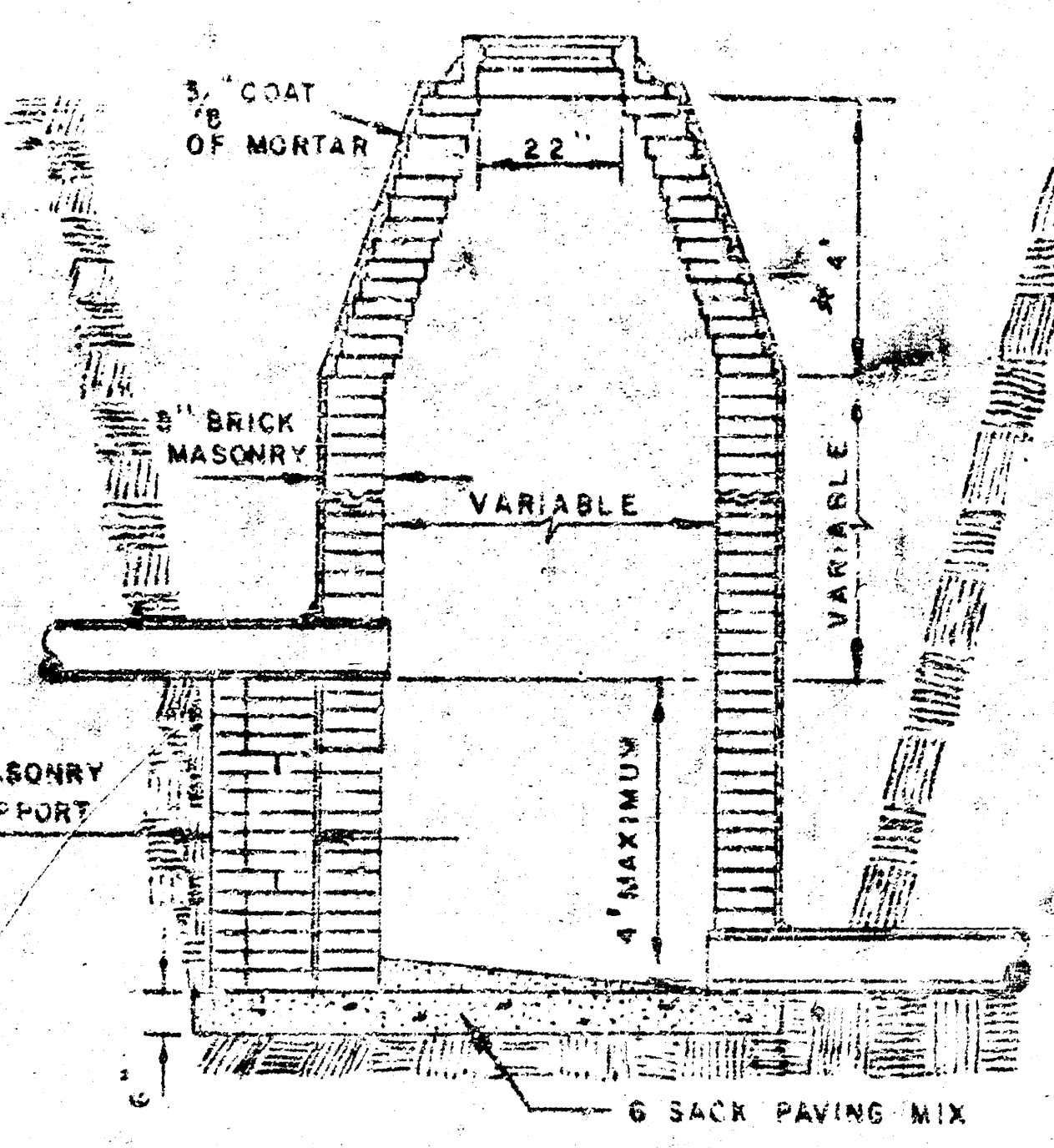
GREY PLOW N/D. DISK TAILOR
 DRAINAGE IMPROVEMENTS
 SUNNY KANSAS, FIELD INLET



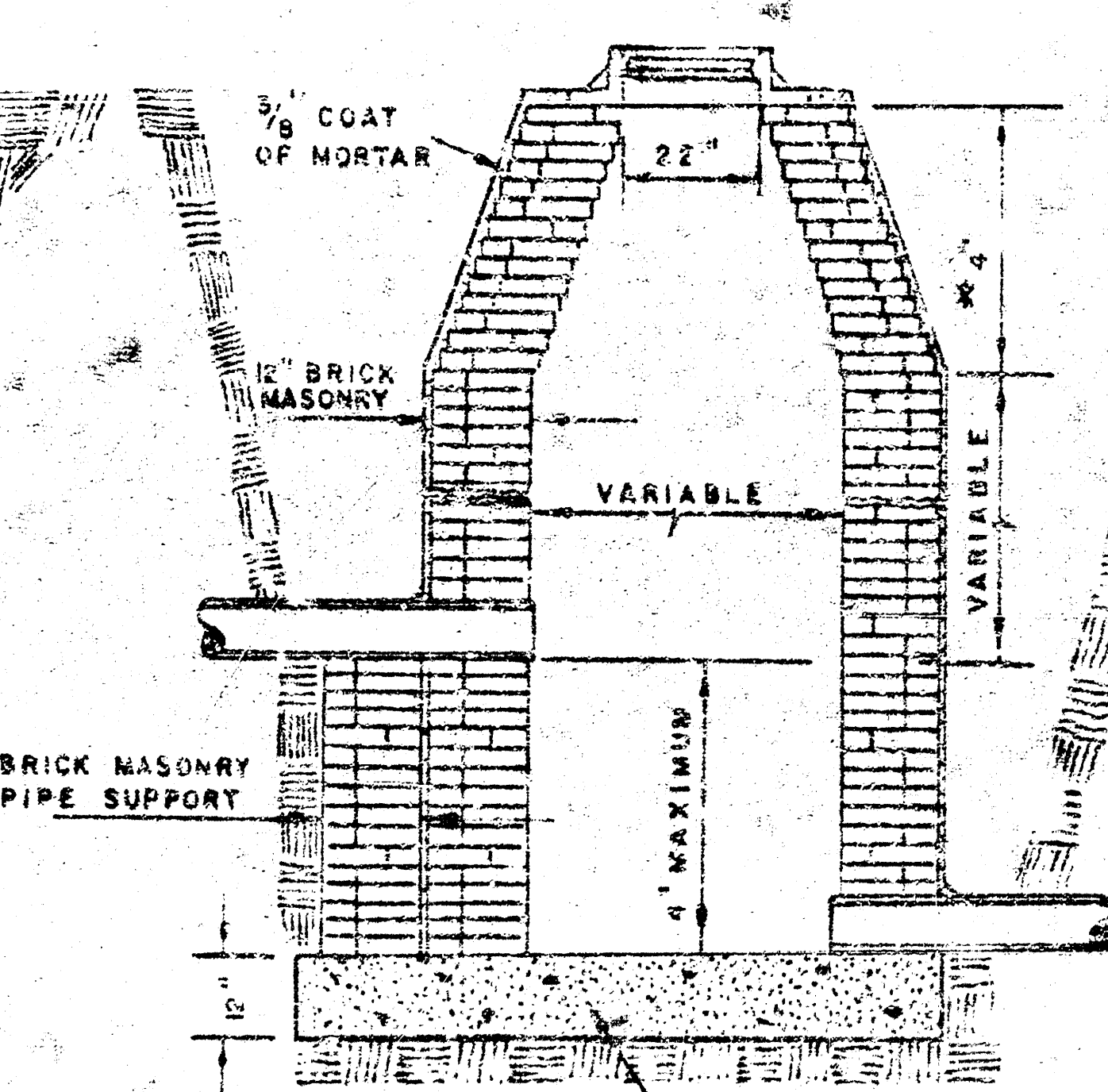
STANDARD MANHOLE
TYPE "A"



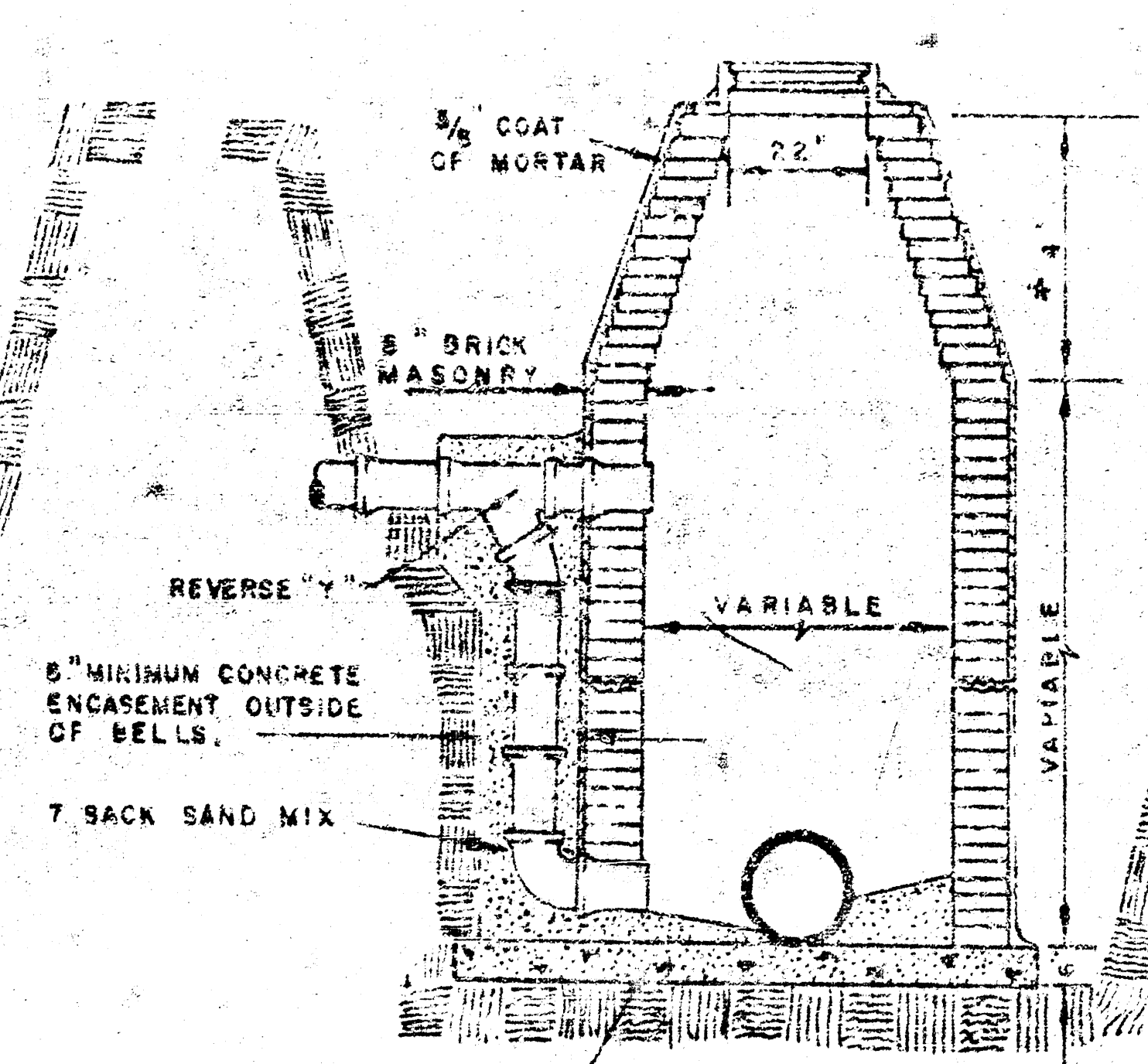
STANDARD MANHOLE
TYPE "B"



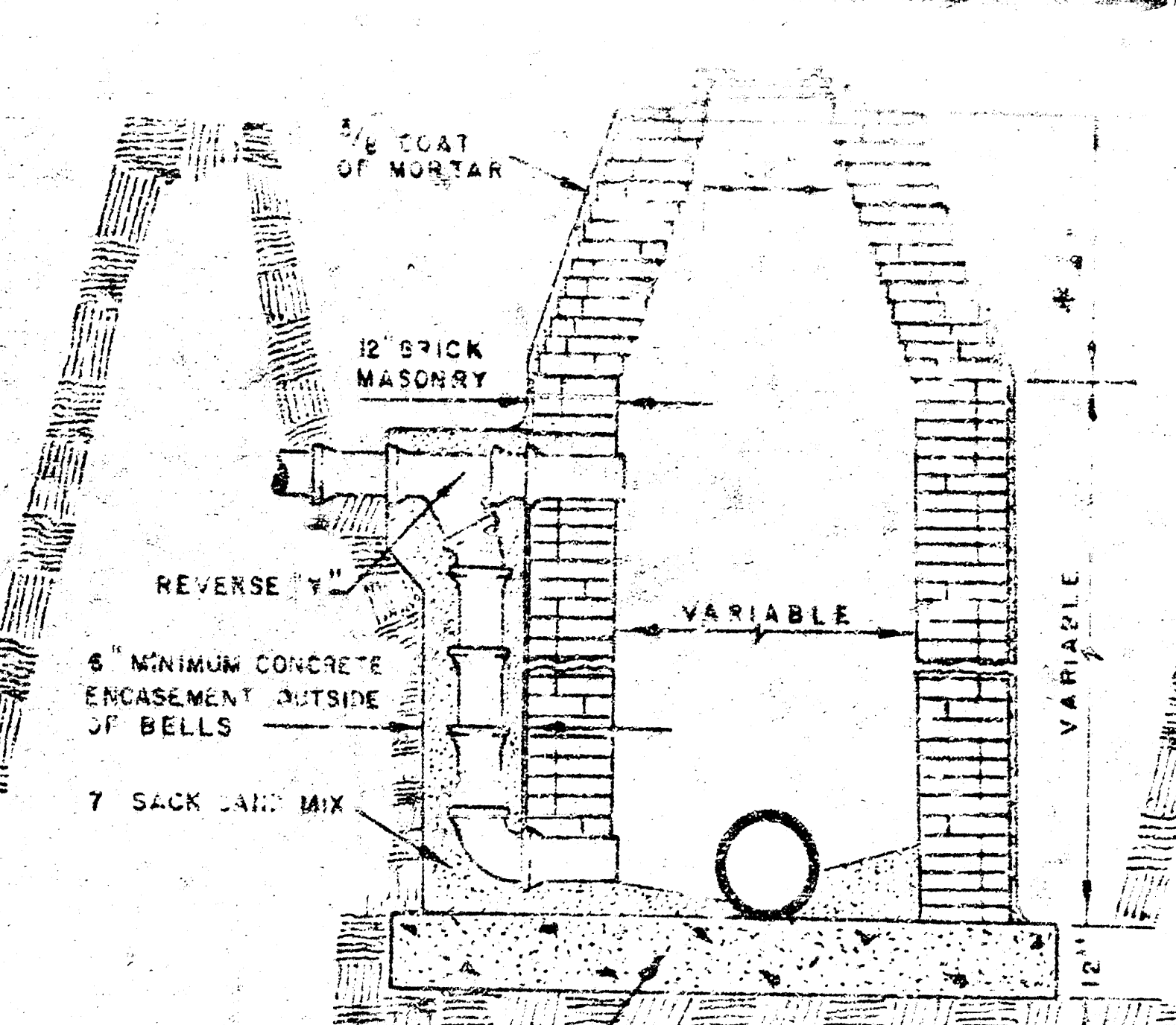
DROP MANHOLE
TYPE "A"



DROP MANHOLE
TYPE "B"

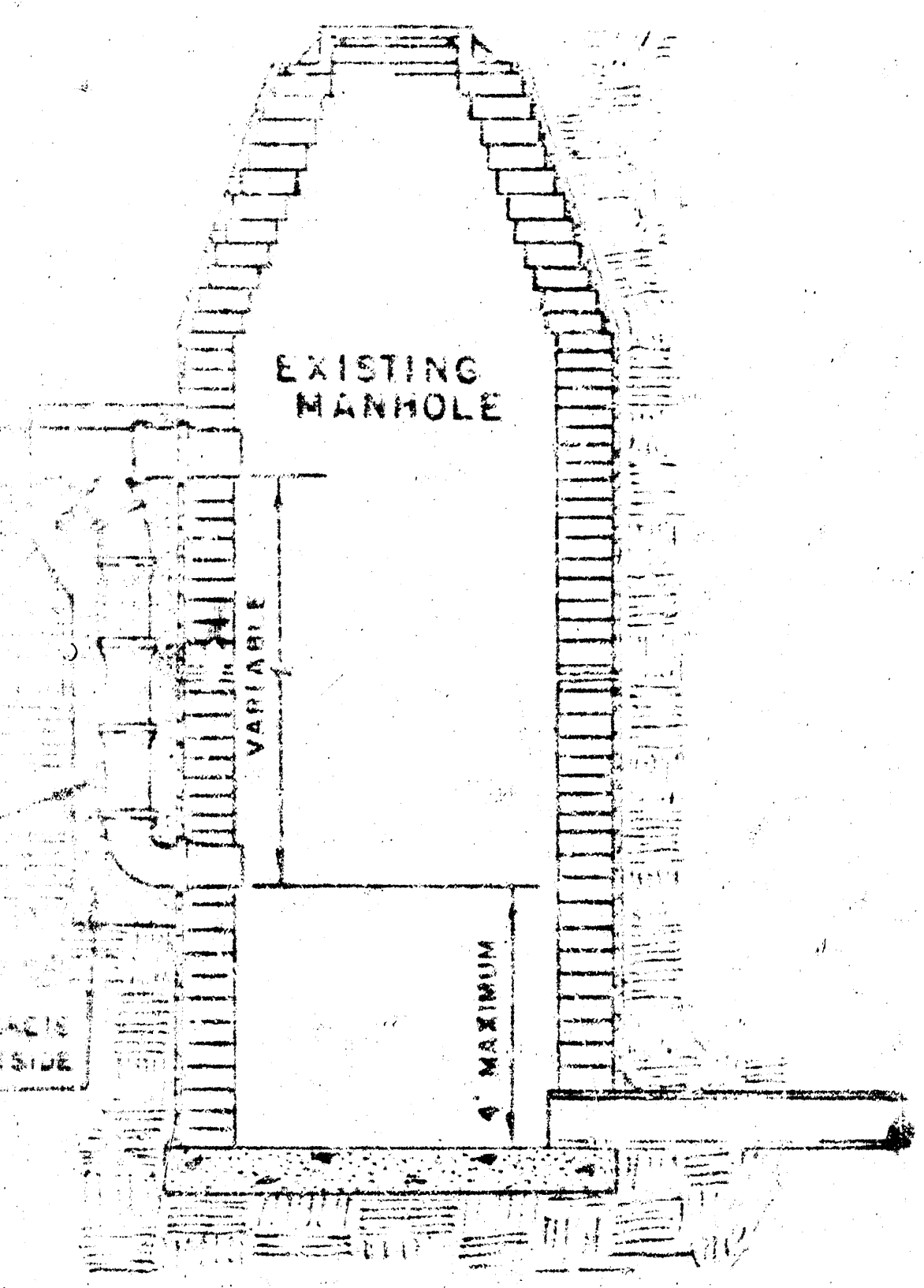


OUTSIDE DROP MANHOLE
TYPE "A"

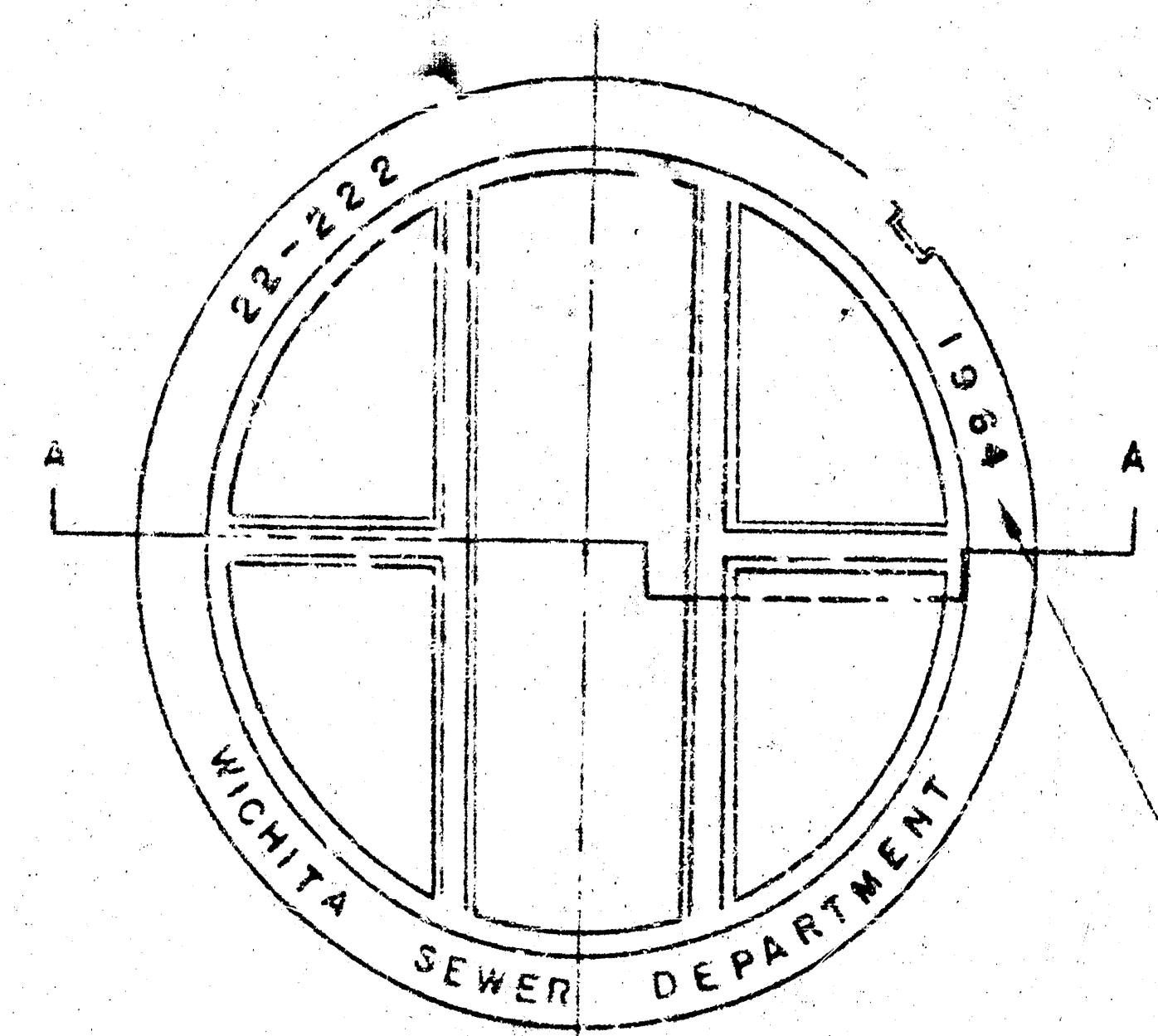


OUTSIDE DROP MANHOLE
TYPE "B"

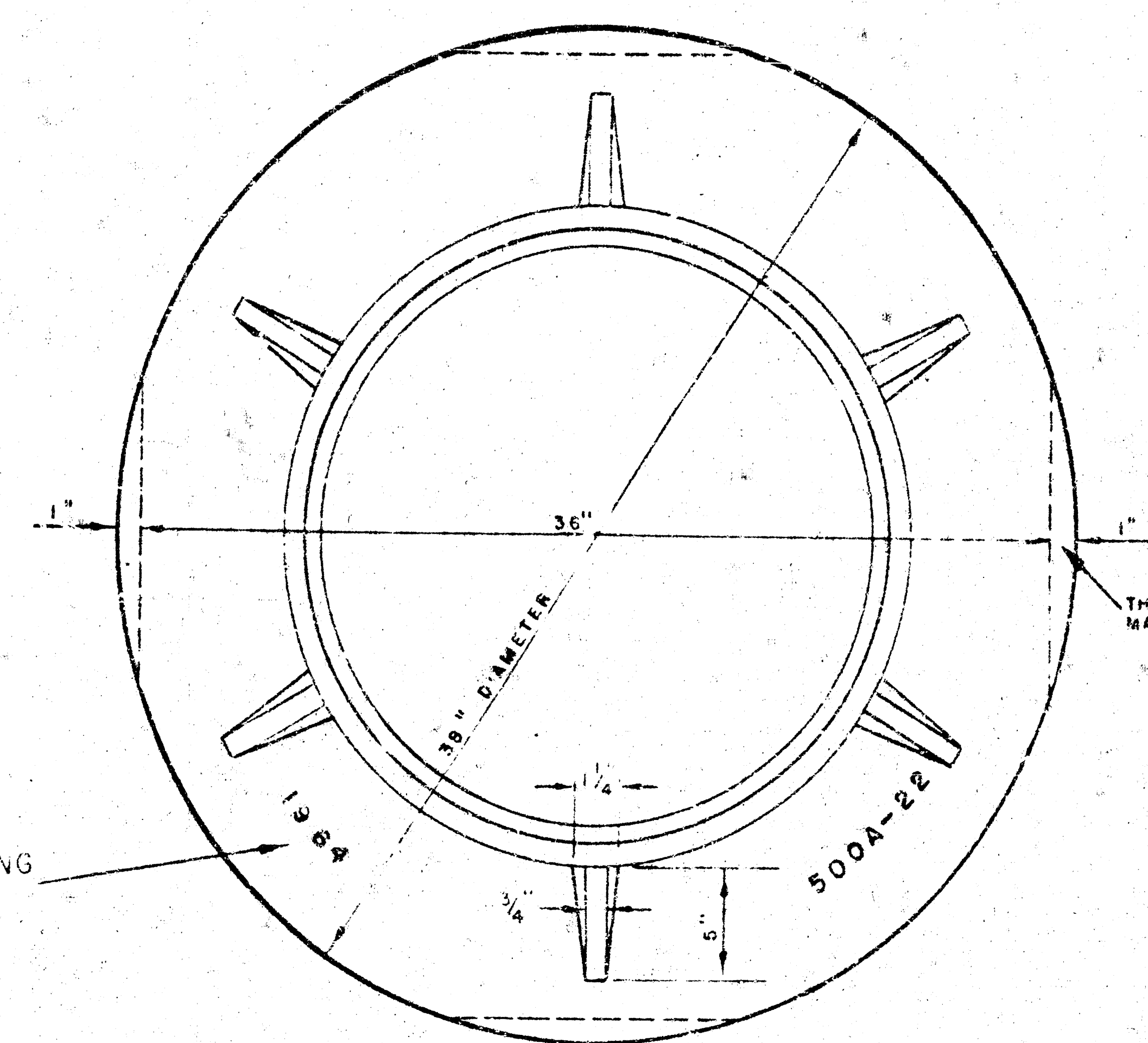
* DRAW = 6' ON 5' DIA. M.H.



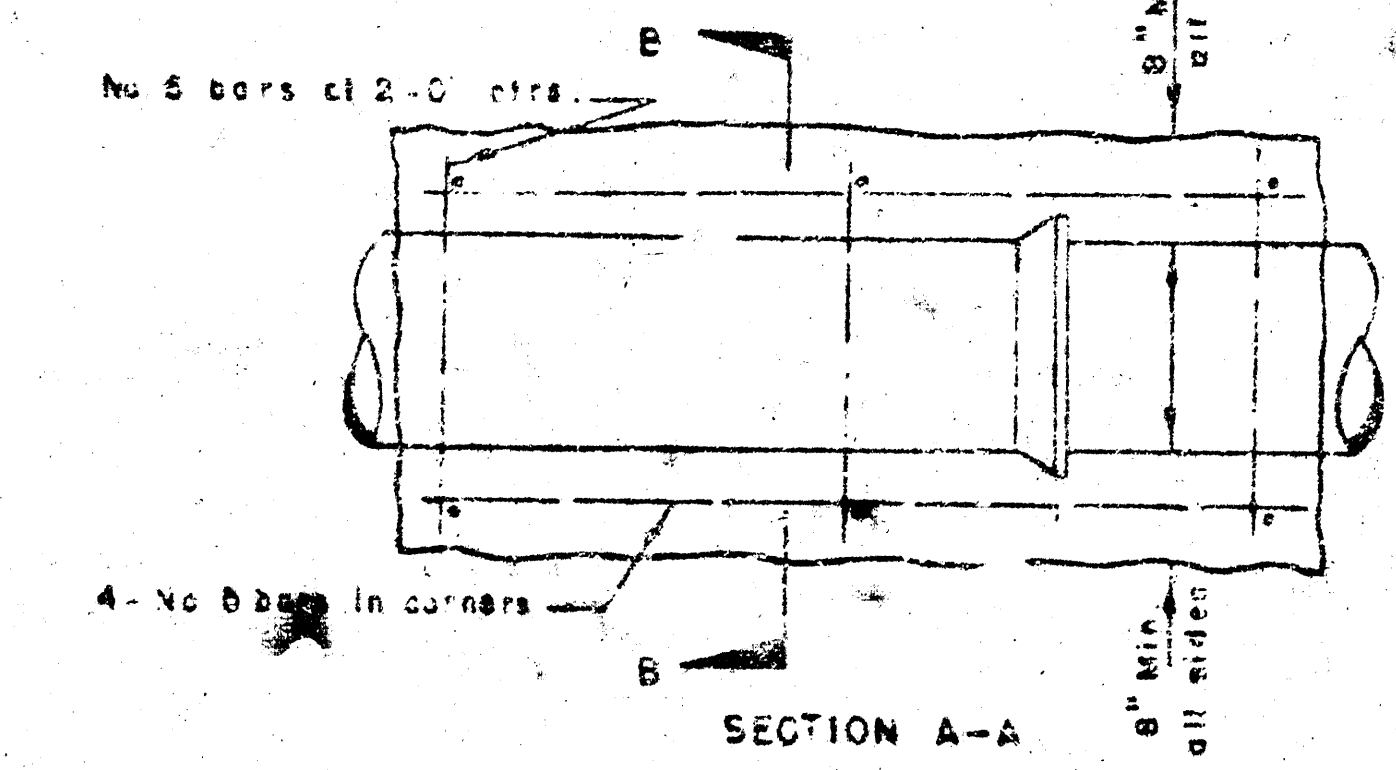
DETAIL OF DROP STACK
FOR EXISTING MANHOLES IN GROUND WATER



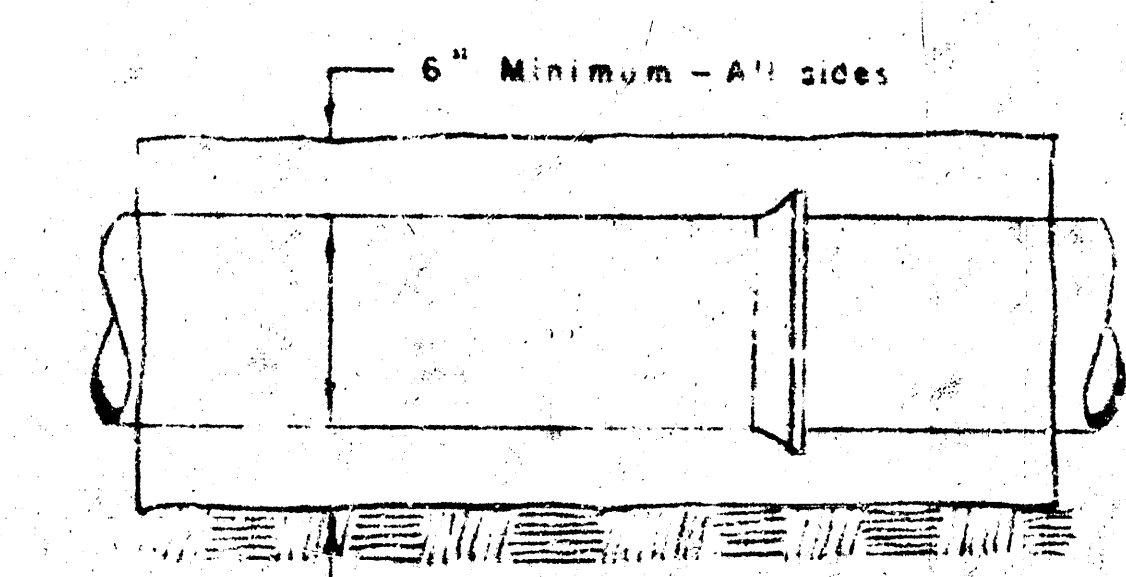
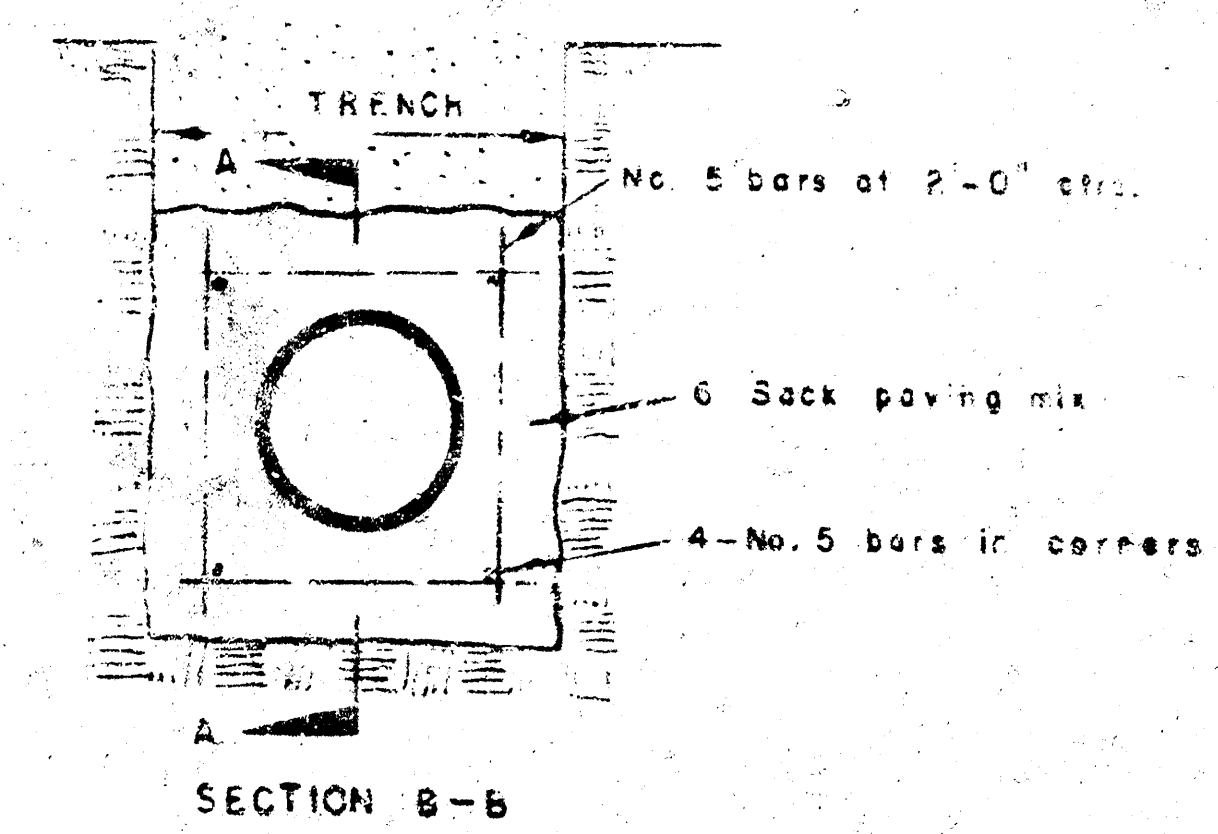
TOP VIEW
MANHOLE COVER
WEIGHT 110 LBS.



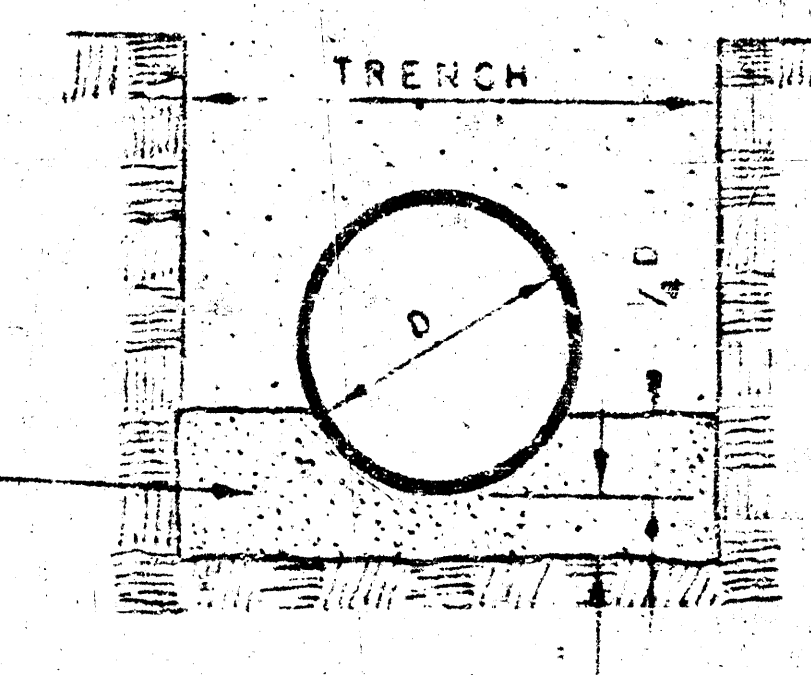
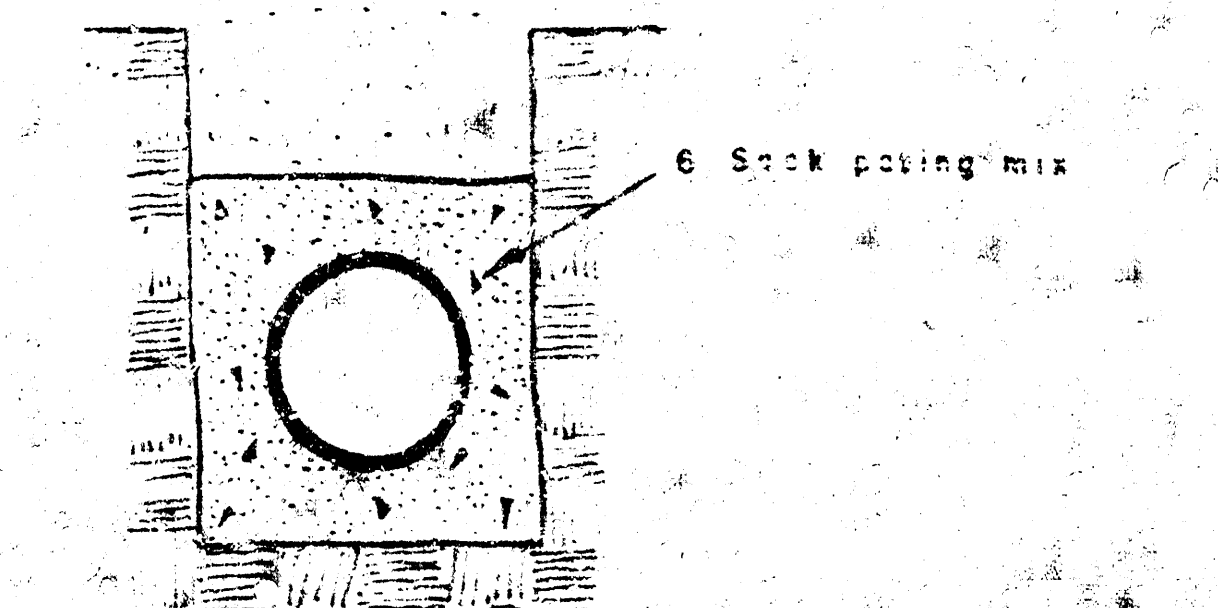
TOP VIEW
MANHOLE RING
WEIGHT 355 LBS.



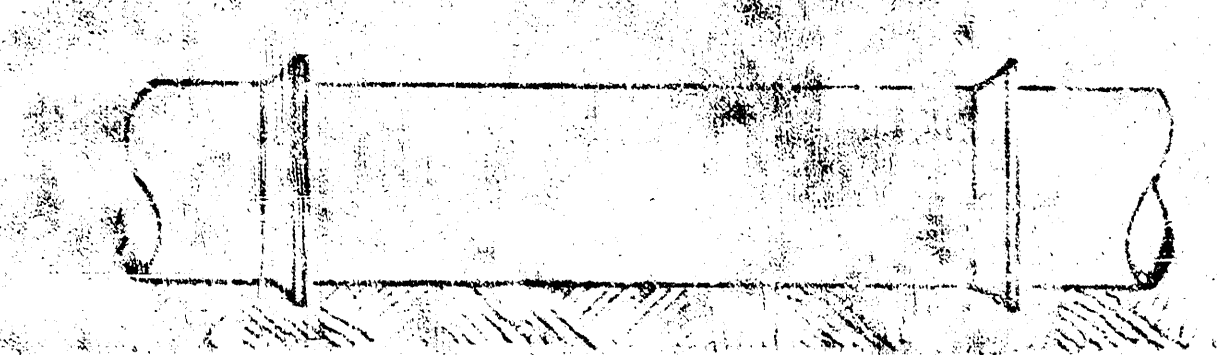
SECTION A-A
REINFORCED CONCRETE ENCASEMENT
FOR STRENGTH



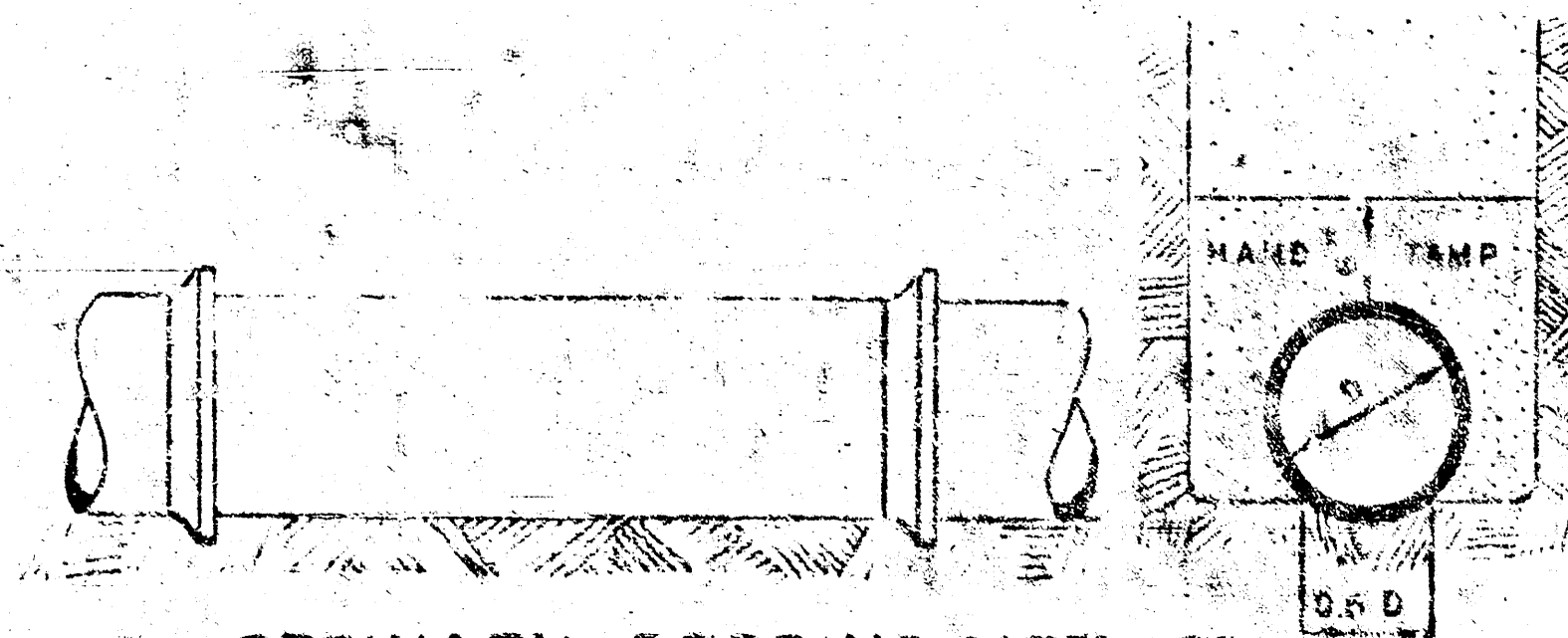
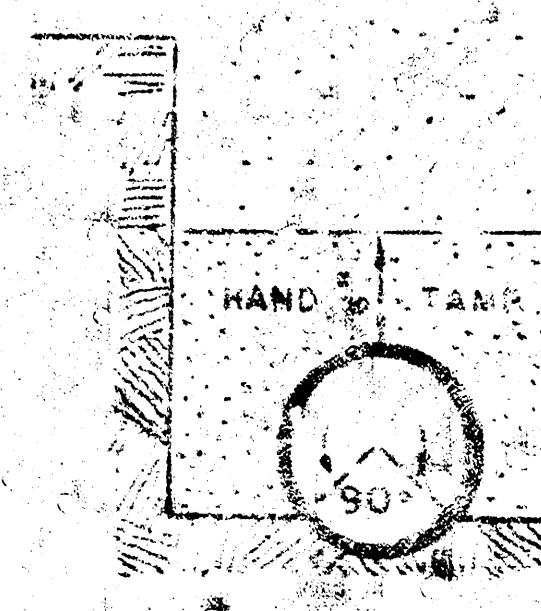
SECTION
CONCRETE ENCASEMENT
FOR COVER



DETAIL OF CONCRETE CRADLE



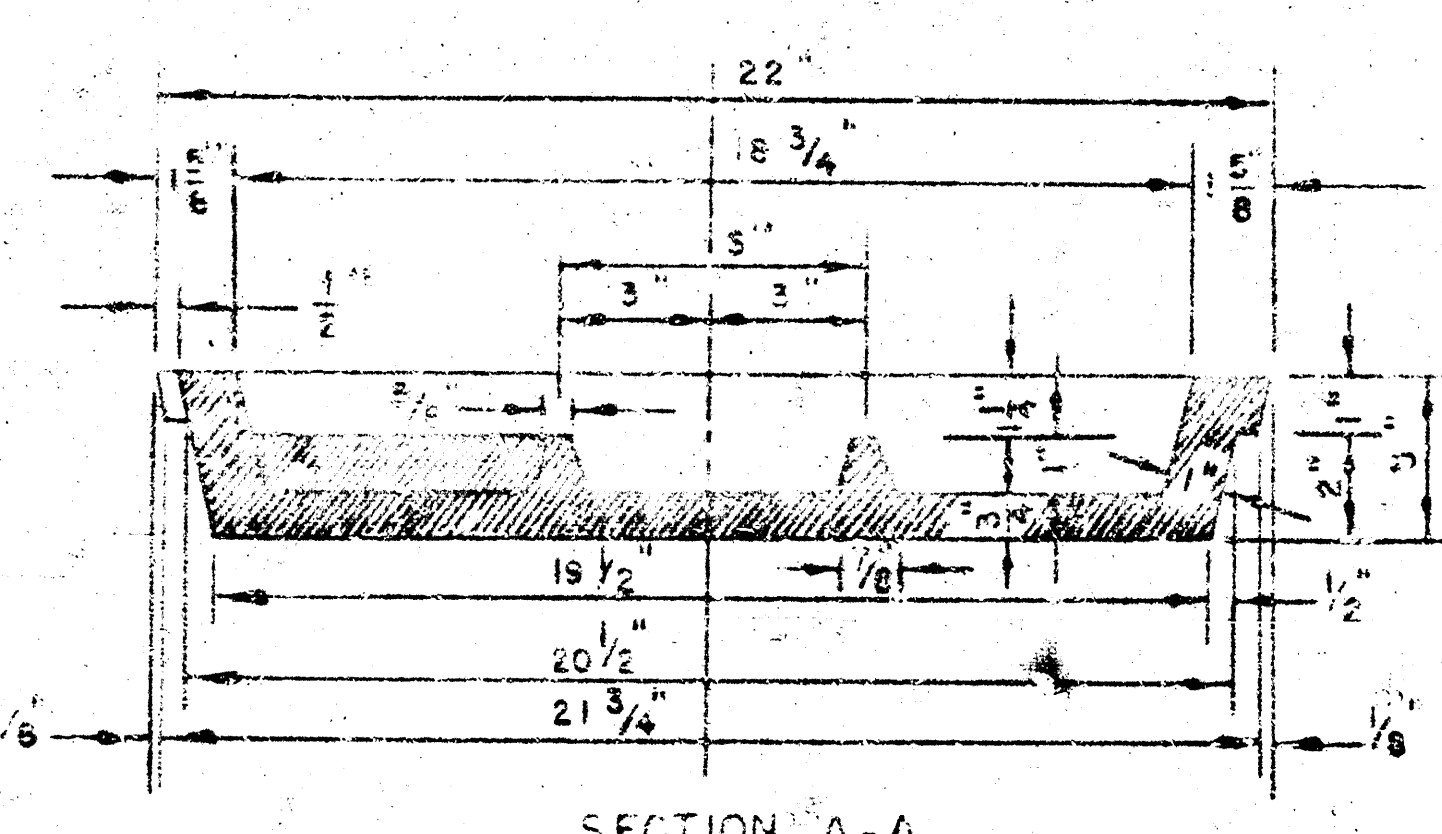
ORDINARY BEDDING METHOD
FOR CLAY PIPE



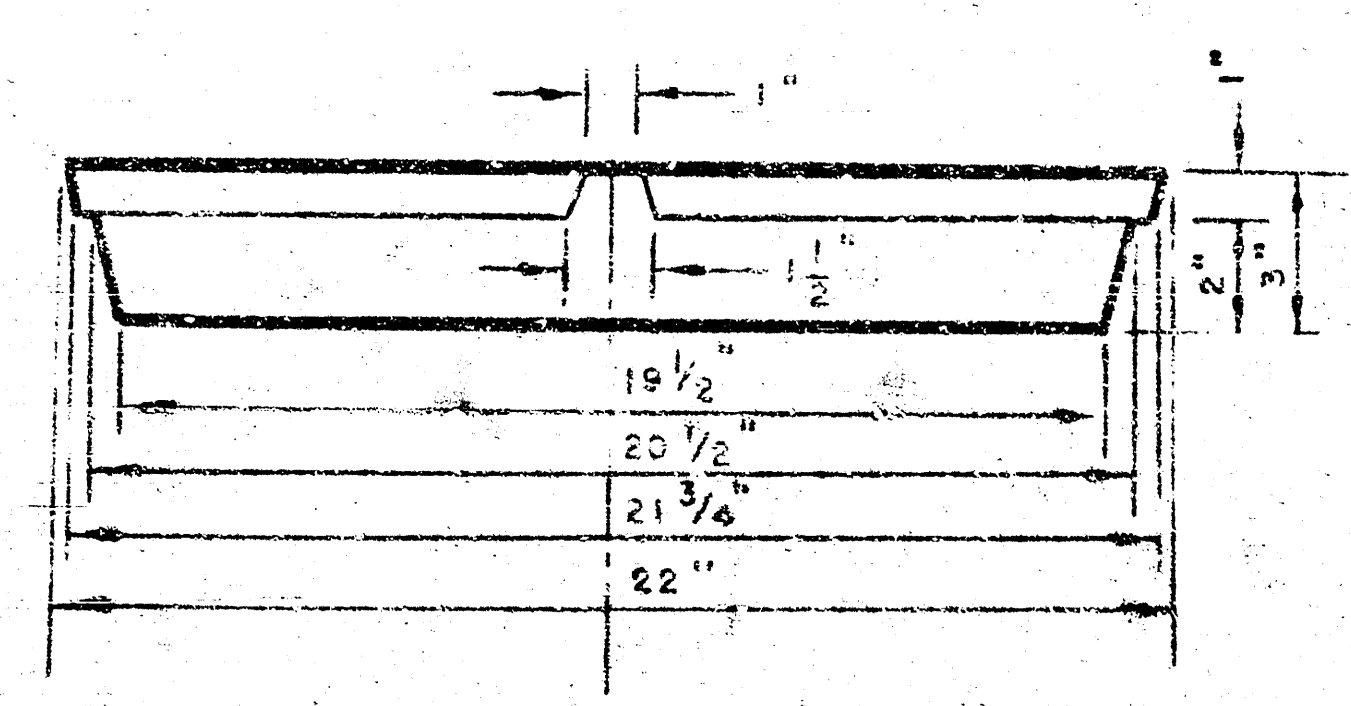
ORDINARY BEDDING METHOD
FOR REINFORCED CONCRETE PIPE

MANHOLES

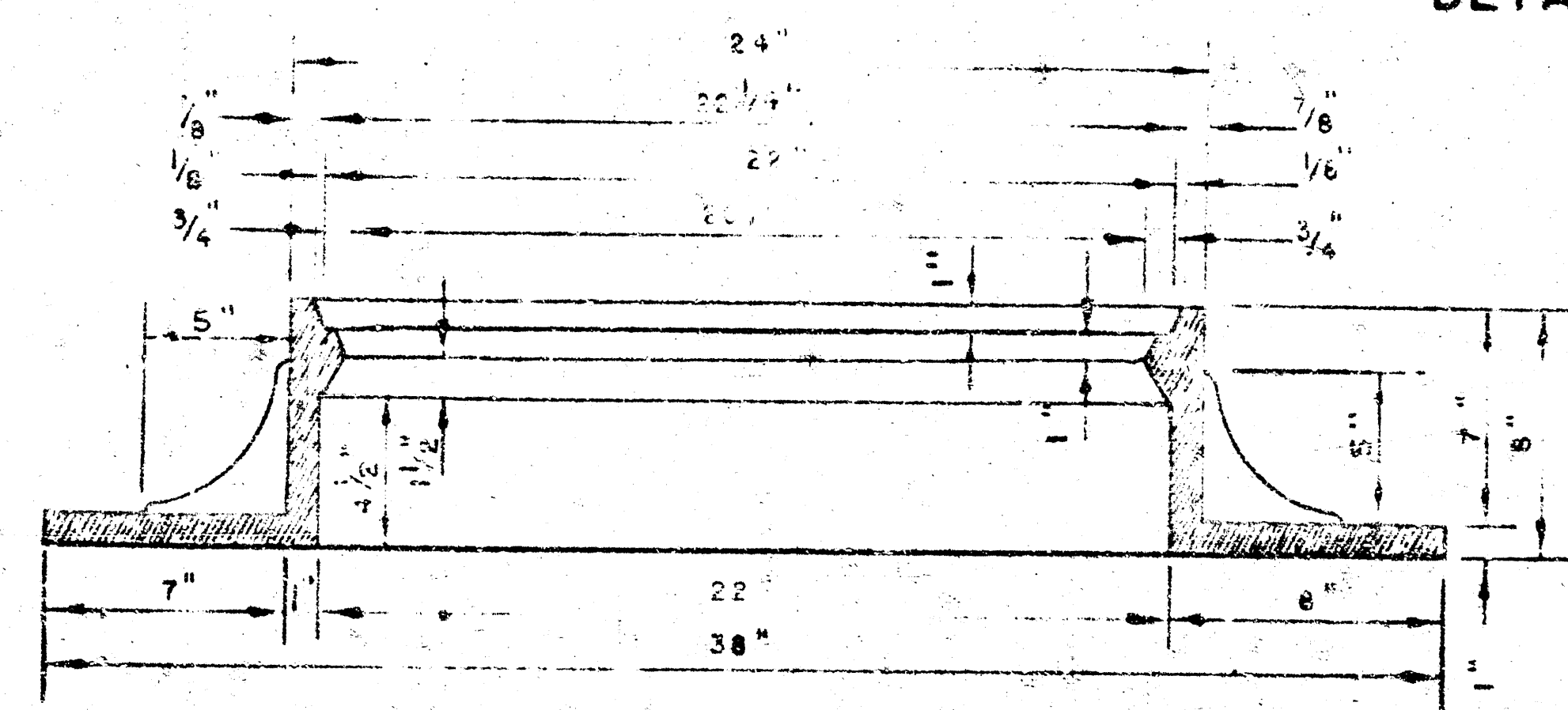
THE CONCRETE USED FOR MORTAR IN MANHOLES SHALL CONTAIN 8 SACKS OF CEMENT PER CUBIC YARD.
STANDARD MANHOLES AND DROP MANHOLES, REGARDLESS OF DIAMETER, SHALL BE BID AT ONE PRICE AS STANDARD MANHOLES.
SINGLE OR DOUBLE OUTSIDE DROP MANHOLES SHALL BE BID AT ONE PRICE AS OUTSIDE DROP MANHOLES.
ALL MANHOLES WITH PIPES LARGER THAN 24" SHALL BE 5' DIAMETER UNLESS OTHERWISE SPECIFIED ON PLAN. ALL M.H.'S WITH PIPES 24" & SMALLER SHALL BE 4' DIA.



SECTION A-A
MANHOLE COVER



SIDE VIEW
MANHOLE COVER



SECTION
MANHOLE RING

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

DETAILS OF
SEWER APPURTENANCES
ADOPTED AS STANDARD DESIGN
BY
ENGINEERING DIVISION
CITY OF WICHITA, KANSAS
R. W. LINN, CITY ENGINEER
1964