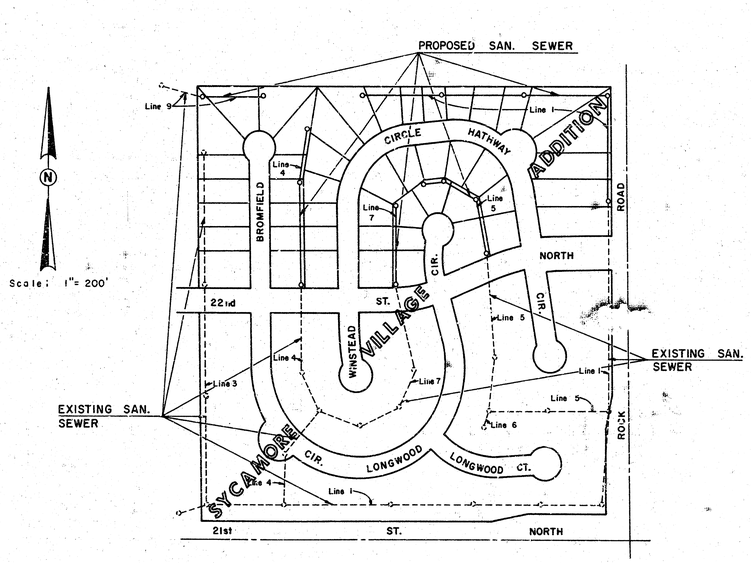
LATERAL 7, MAIN 6, S.S. NO. 23

PROJECT NO. DBKL 576007

CITY OF WICHITA, KANSAS
R.W. LINN CITY ENGINEER
FEBRUARY 1976



LOCATION MAP

INDEX TO DRAWINGS

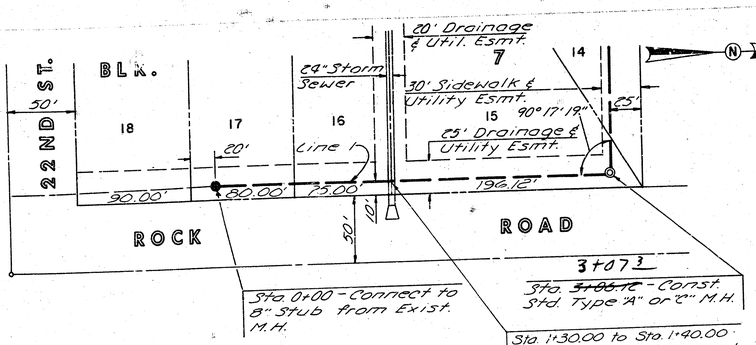
SHEET NO.	DESCRIPTION
1	TITLE & LOCATION MAP
2	LINE 1, 4, 5
3	LINE 7, 9
4-5	SEWER APPURTENANCES

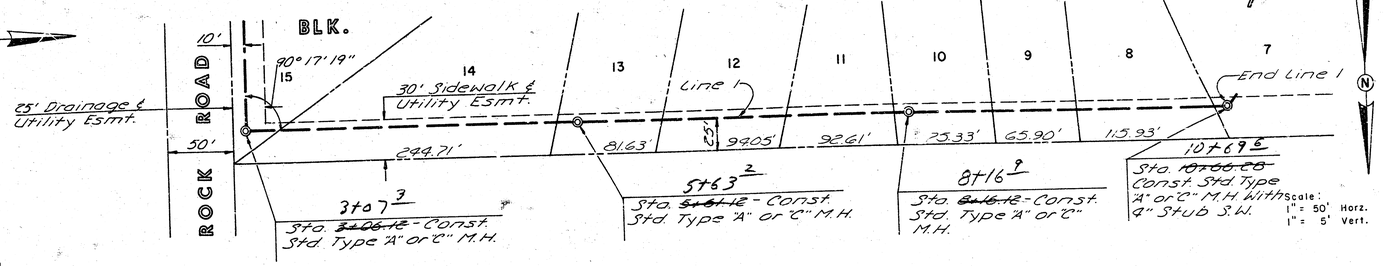
NOTE: A.B.S. COMPOSITE PIPE MAY BE USED AS AN ALTERNATE TO CLAY PIPE.

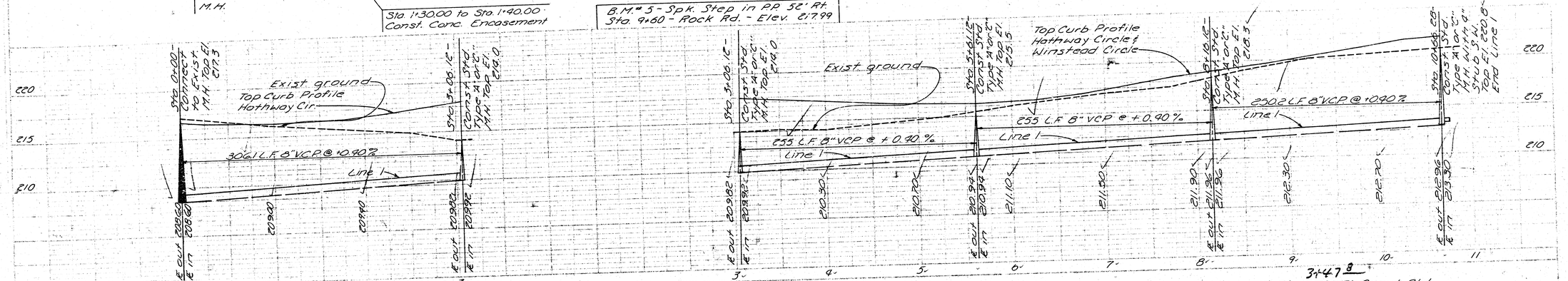
DONALD E. SCHNELL LICENSED 6311 KANSAS PROFESSIONAL ENGINEER

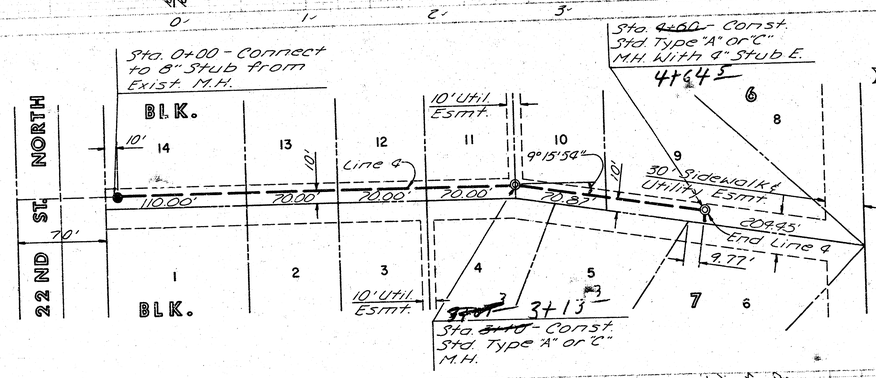
As built 1-28-77

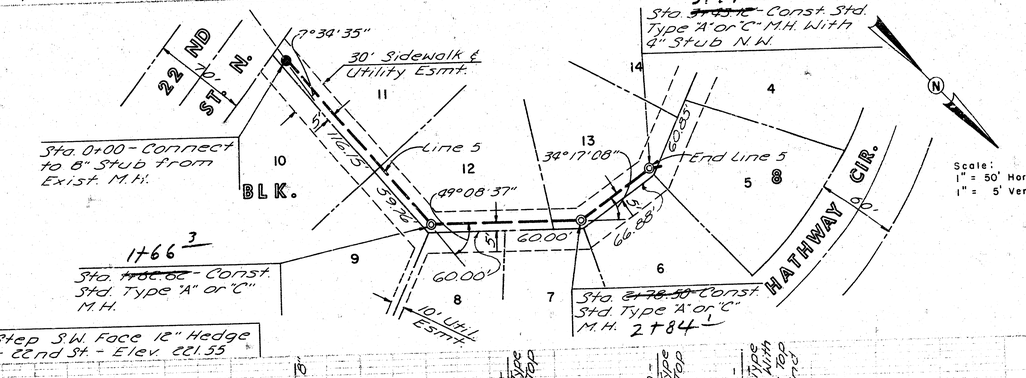
DESIGN	SYCAMORE VILLAGE ADDITION WICHITA, KANSAS
DR. BY	
CK. BY	
DATE	TITLE SHEET
JOB NO.	
VAN DOREN-HAZARD-STALLINGS ARCHITECTS-ENGINEERS WICHITA, KANSAS	SHEET 1 1/5 OF 5

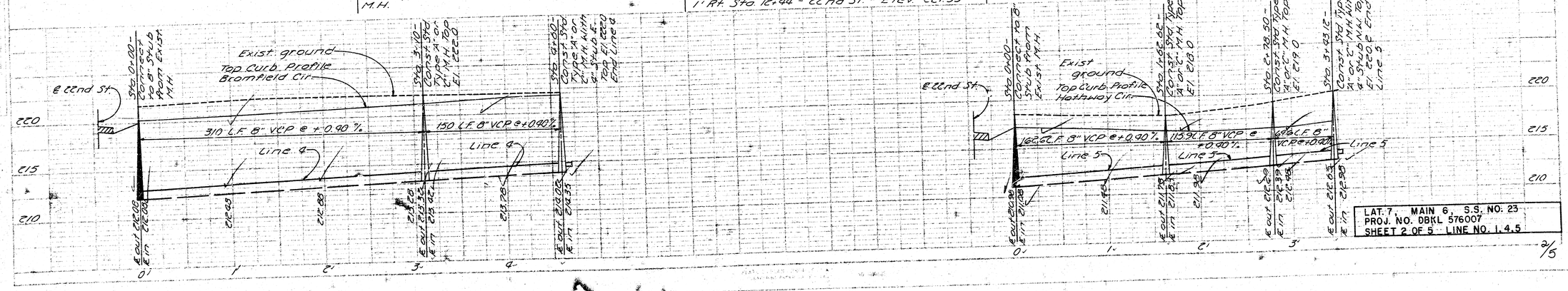




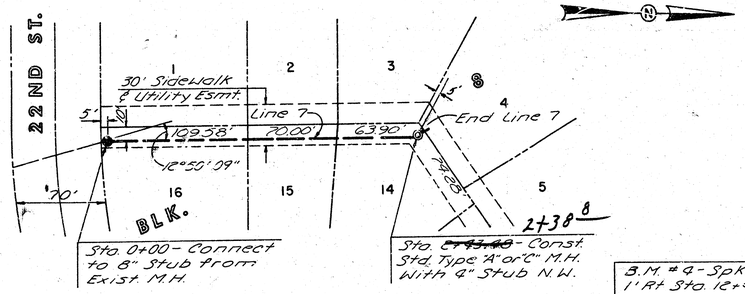


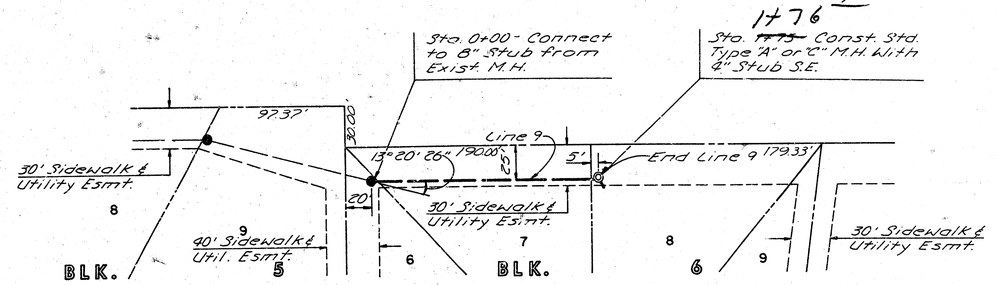




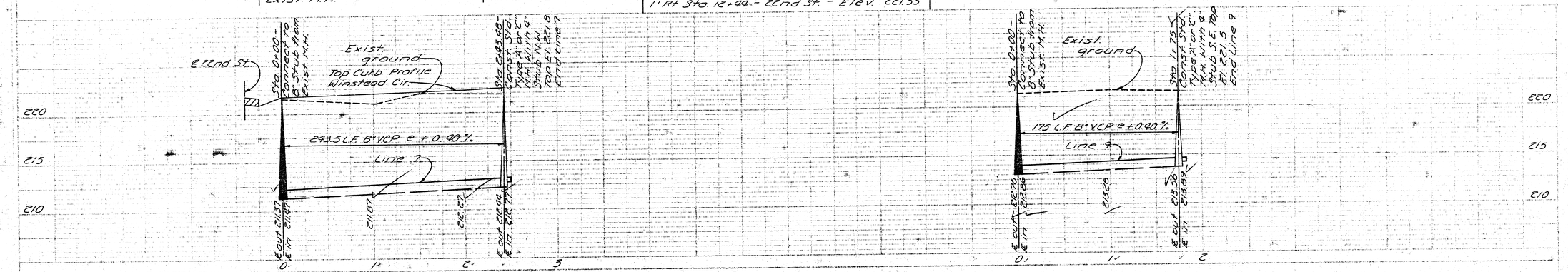


LAT. 7, MAIN 6, S.S. NO: 23
PROJ. NO. DBKL 576007
SHEET 2 OF 5 LINE NO. L 4.5





B.M. # 9 - Spk. Step SW Face 12" Hedge 1' Rt Sta. 12+22 - 22nd St. - Elev. 221.55

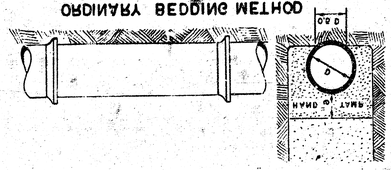


LAT. 7 MAIN 6 , S.S. NO. 23
PROJ. NO. DBKL 576007
SHEET 3 OF 5 LINE NO. 7, 9

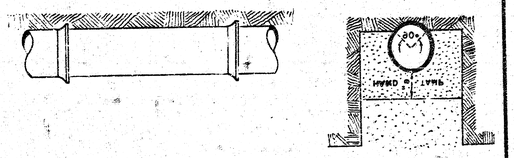
SEWER APPURTENANCES
DETAILS OF
ADOPTED AS STANDARD DESIGN
BY
ENGINEERING DIVISION
CITY OF WICHITA, KANSAS
R. W. LINN CITY ENGINEER

Sheet 4 of 10 Sheets

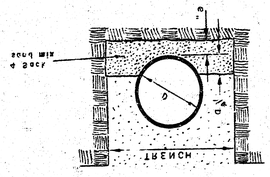
ORDINARY BEDDING METHOD
FOR REINFORCED CONCRETE PIPE



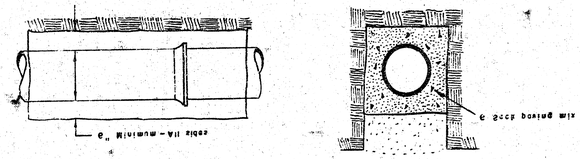
ORDINARY BEDDING METHOD
FOR CAST PIPE



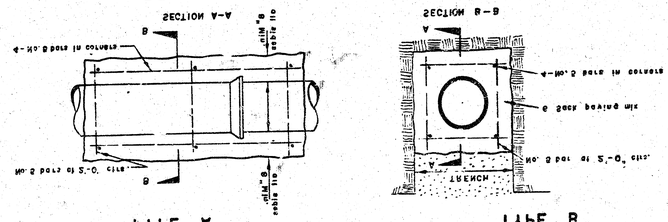
DETAIL OF CONCRETE CRADLE



CONCRETE ENCASEMENT
FOR COVER



REINFORCED CONCRETE ENCASEMENT
FOR STRENGTH



MANHOLES

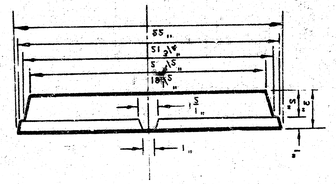
MANHOLES SHALL CONTAIN 8 SACKS OF CEMENT PER CUBIC YARD.

MANHOLES, RECARDLESS OF DIAMETER, SHALL BE BID AT ONE PRICE AS STANDARD MANHOLES.

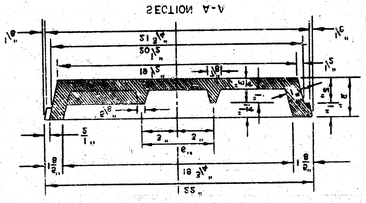
DROP MANHOLES SHALL BE BID AT ONE PRICE AS SINGLE OR DOUBLE ONTSIDE DROP MANHOLES.

ALL MANHOLES WITH PIPES LARGER THAN 54" SHALL BE 8, DIAMETER UNLESS OTHERWISE SPECIFIED ON PLAN. ALL M.H.'S WITH PIPES 54, & SMALLER SHALL BE 4'-0" DIA.

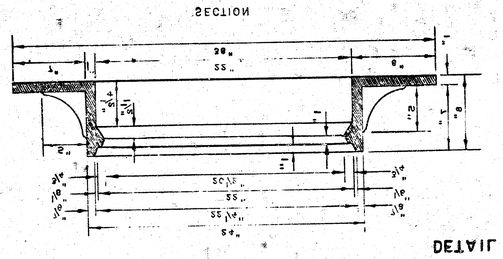
MANHOLE COVER
SIDE VIEW



MANHOLE COVER
SECTION A-A

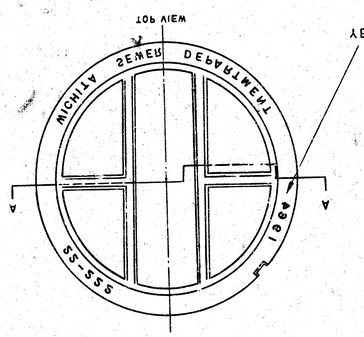


MANHOLE RING
SECTION

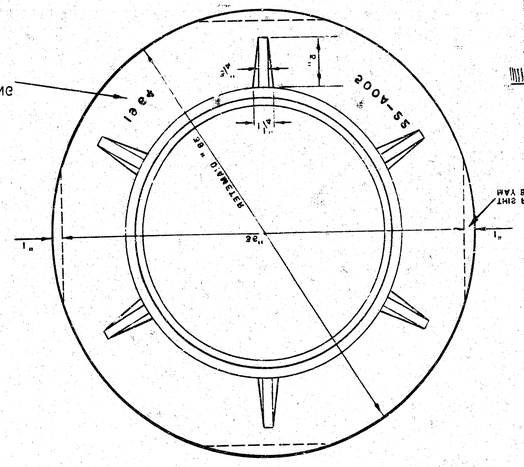


RING TO BE MACHINE FIT.
AND THE INNER FACE AND SEAT OF OUTSIDE CIRCUMFERENCE OF COVER

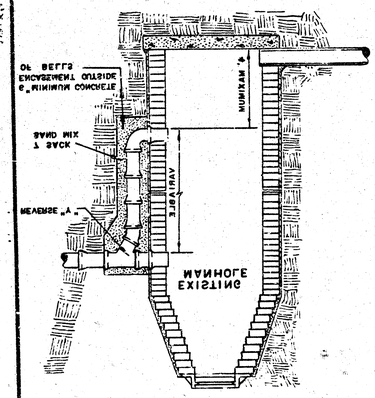
MANHOLE COVER
weight 110 lbs.
TOP VIEW



MANHOLE RING
weight 222 lbs.
TOP VIEW

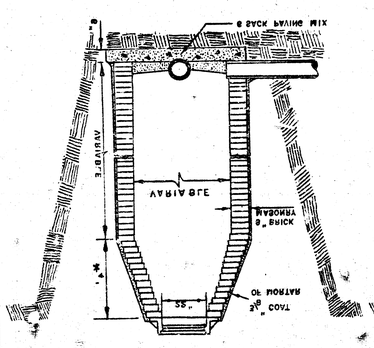


DETAIL OF DROP STACK
FOR EXISTING MANHOLES IN GROUND WATER

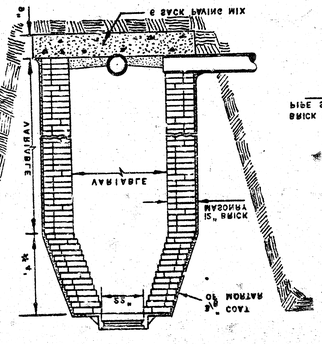


* DRAW = 9, ON 2, DIA. M.H.

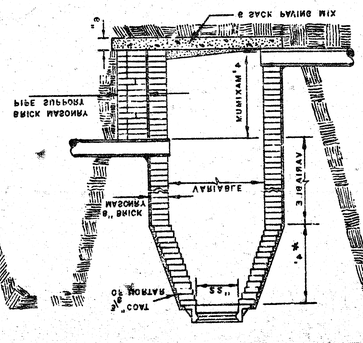
TYPE "A" STANDARD MANHOLE



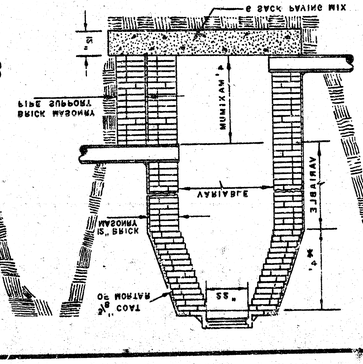
TYPE "B" STANDARD MANHOLE



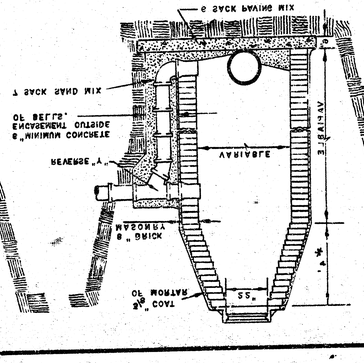
TYPE "A" DROP MANHOLE



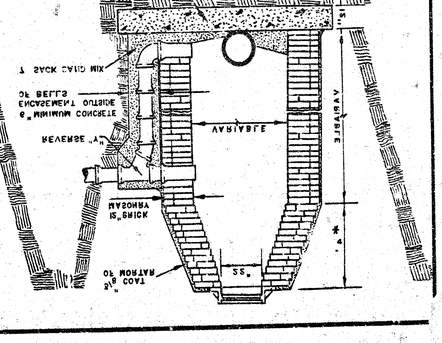
TYPE "B" DROP MANHOLE



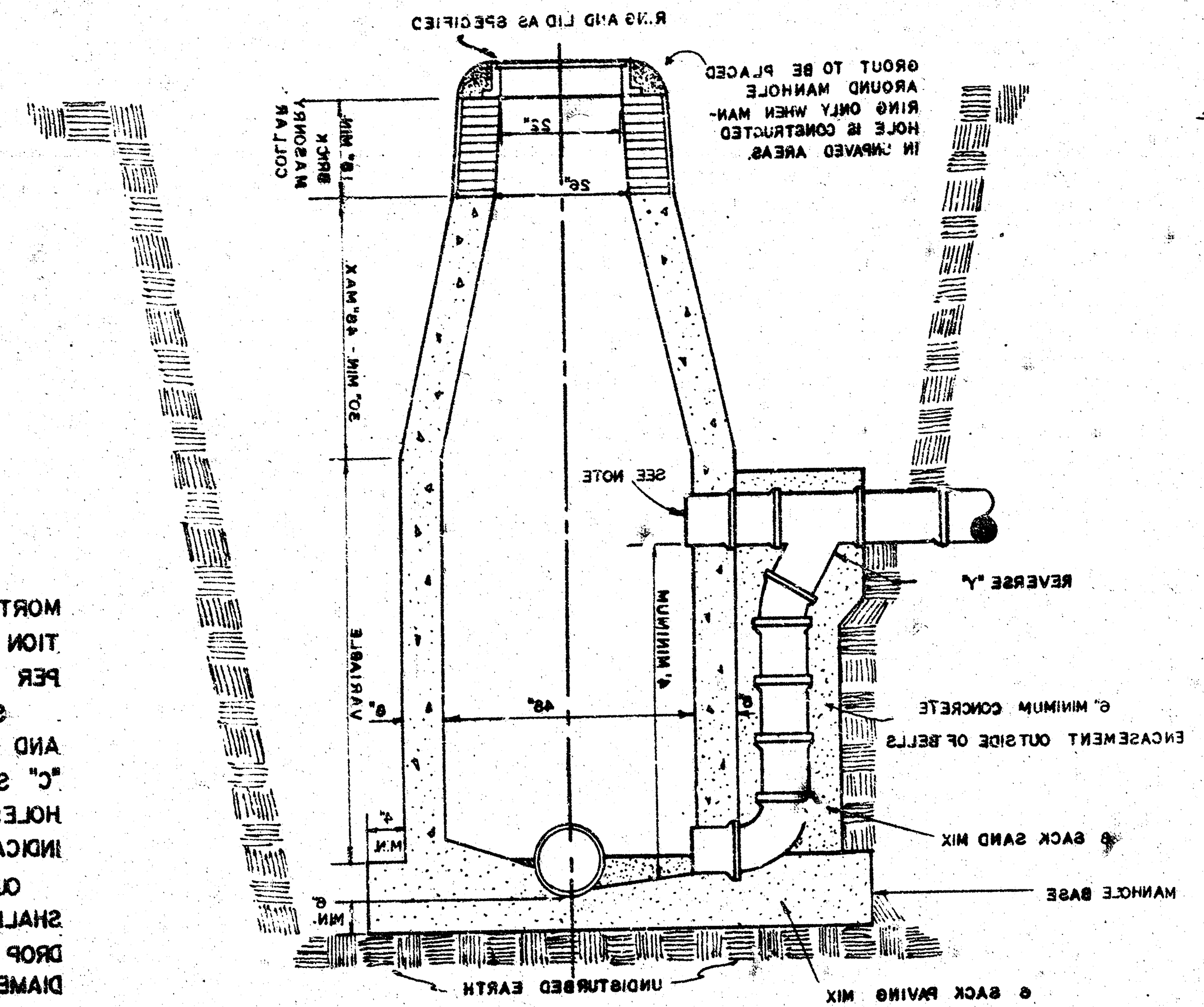
TYPE "A" OUTSIDE DROP MANHOLE



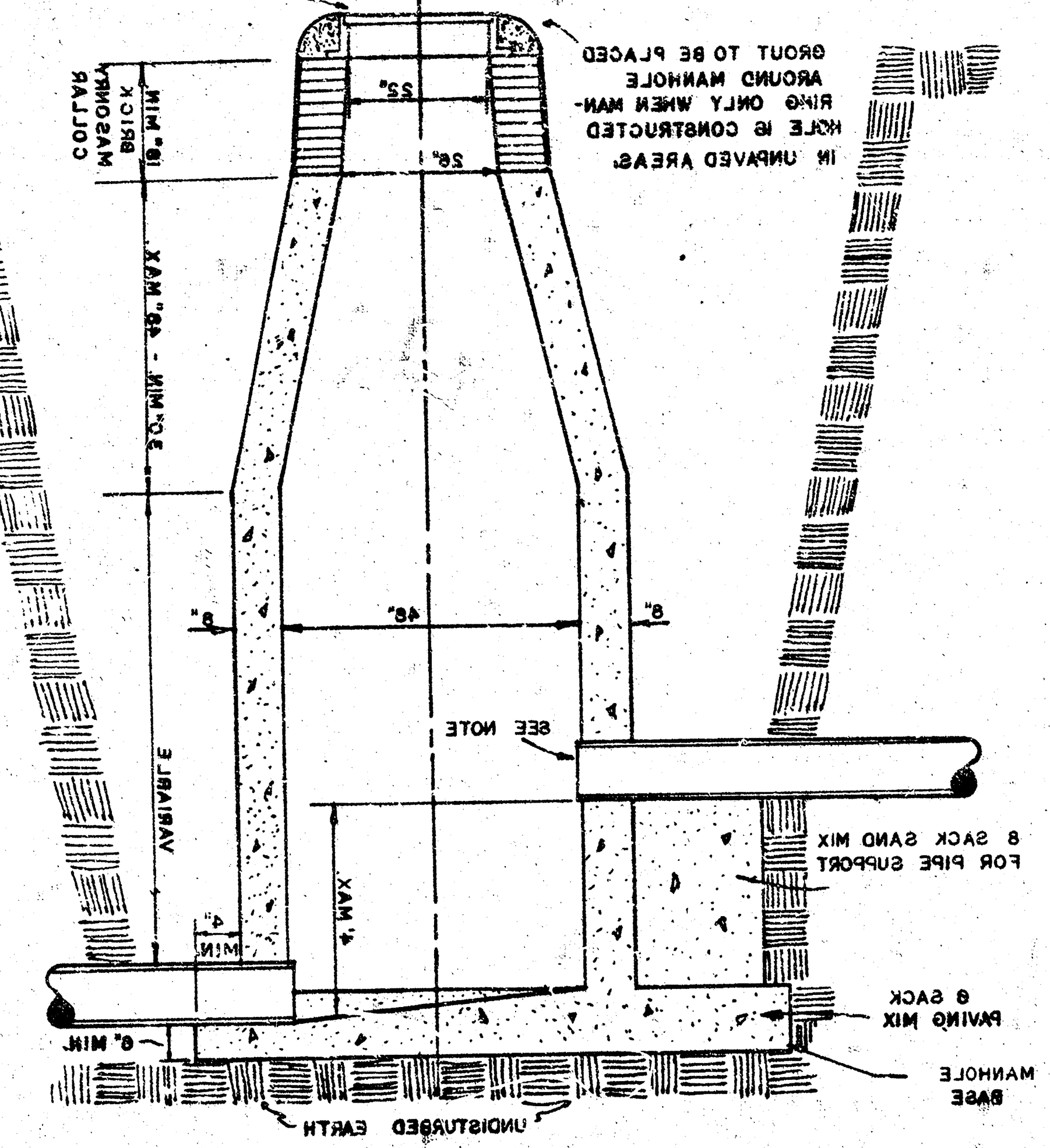
TYPE "B" OUTSIDE DROP MANHOLE



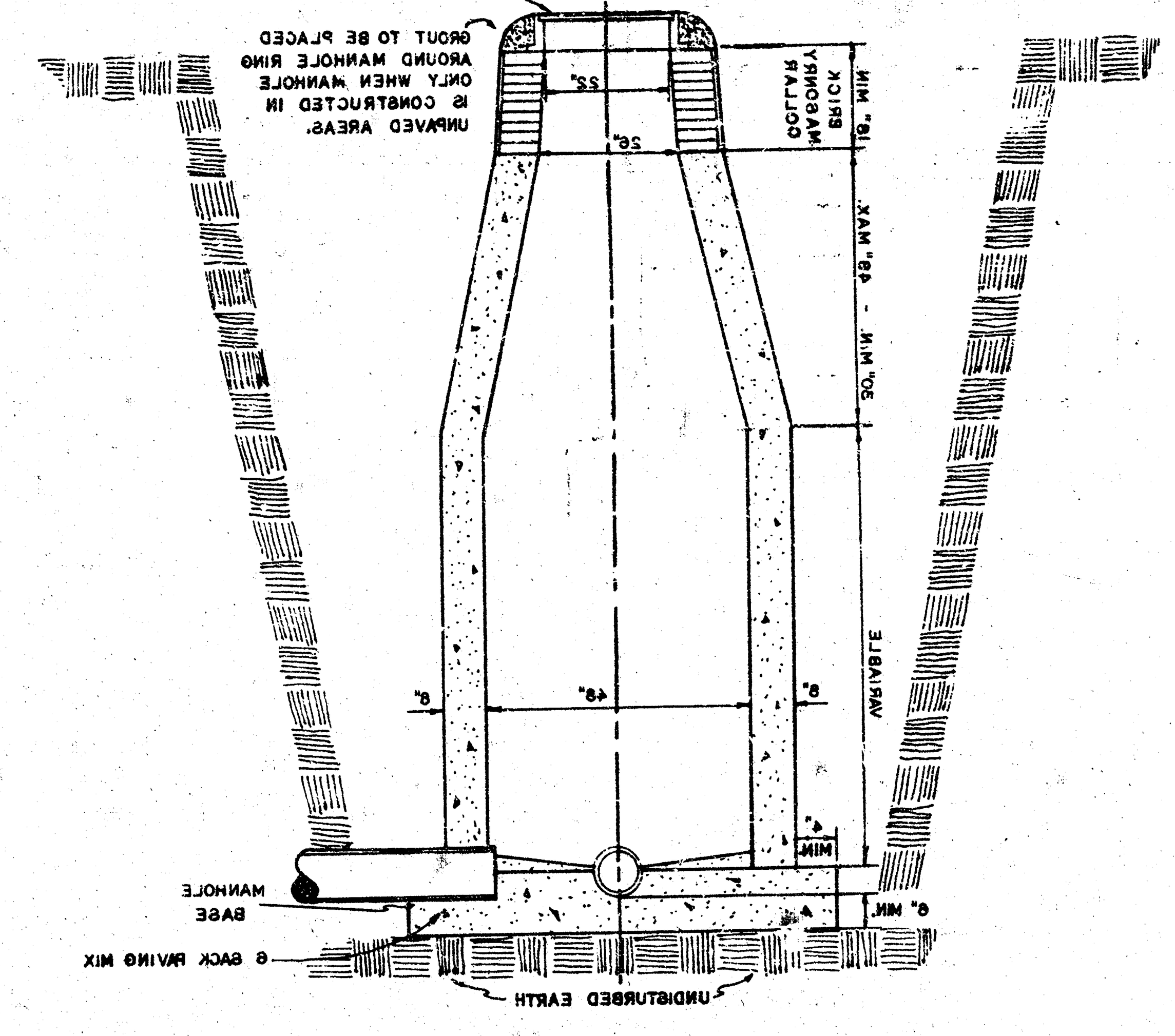
OUTSIDE DROP MANHOLE, TYPE "C"



DROP MANHOLE, TYPE "C"



STANDARD MANHOLE, TYPE "C"



GENERAL NOTES

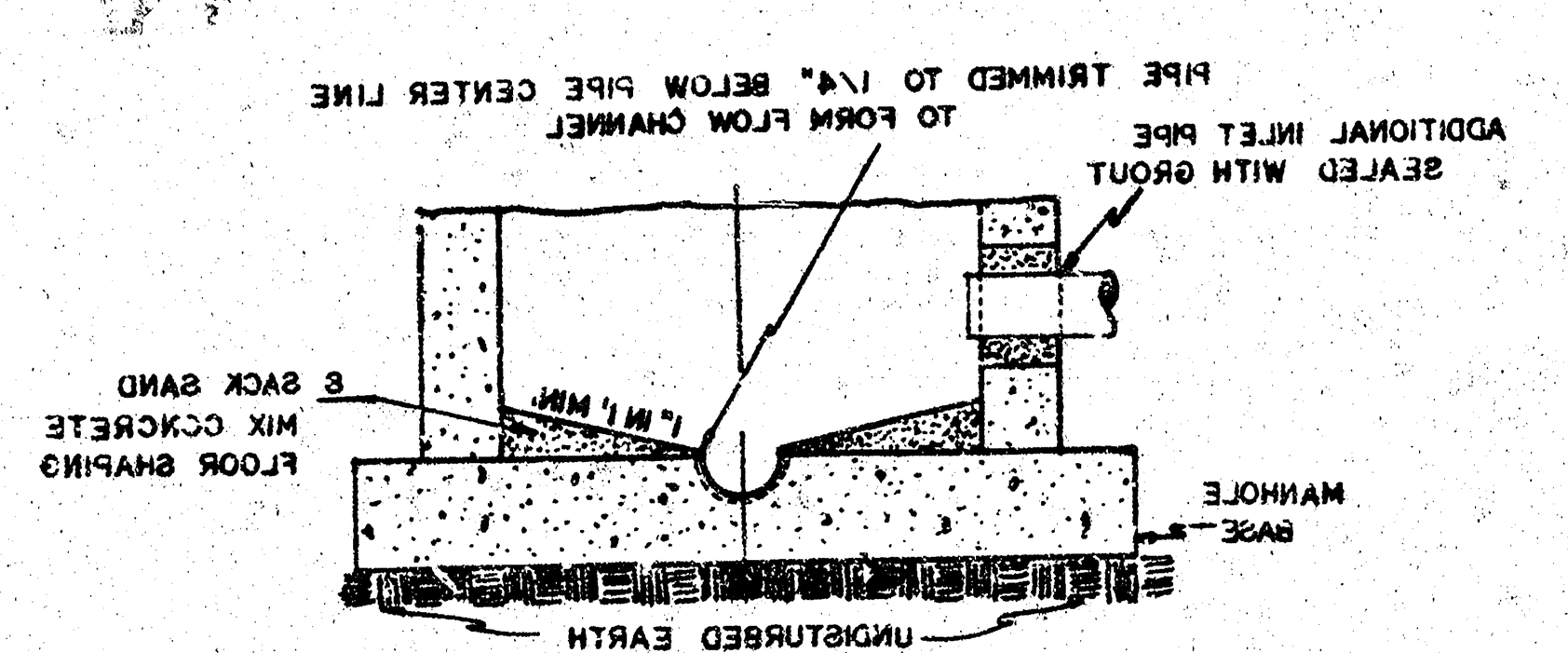
MORTAR USED IN MASONRY CONSTRUCTION SHALL CONTAIN 8 SACKS OF CEMENT PER CUBIC YARD.

STANDARD MANHOLES TYPE "C" AND STANDARD DROP MANHOLES TYPE "C" SHALL BE BID AS STANDARD MANHOLES FOR THE TYPE AND DIAMETER INDICATED.

OUTSIDE DROP MANHOLES TYPE "C" SHALL BE BID AS STANDARD OUTSIDE DROP MANHOLES FOR THE TYPE AND DIAMETER INDICATED. ALL MANHOLE DIAMETERS WILL BE 4FT. UNLESS INDICATED OTHERWISE. MANHOLES WITH PIPE SIZES LARGER THAN 24" SHALL BE 5FT. DIAMETER.

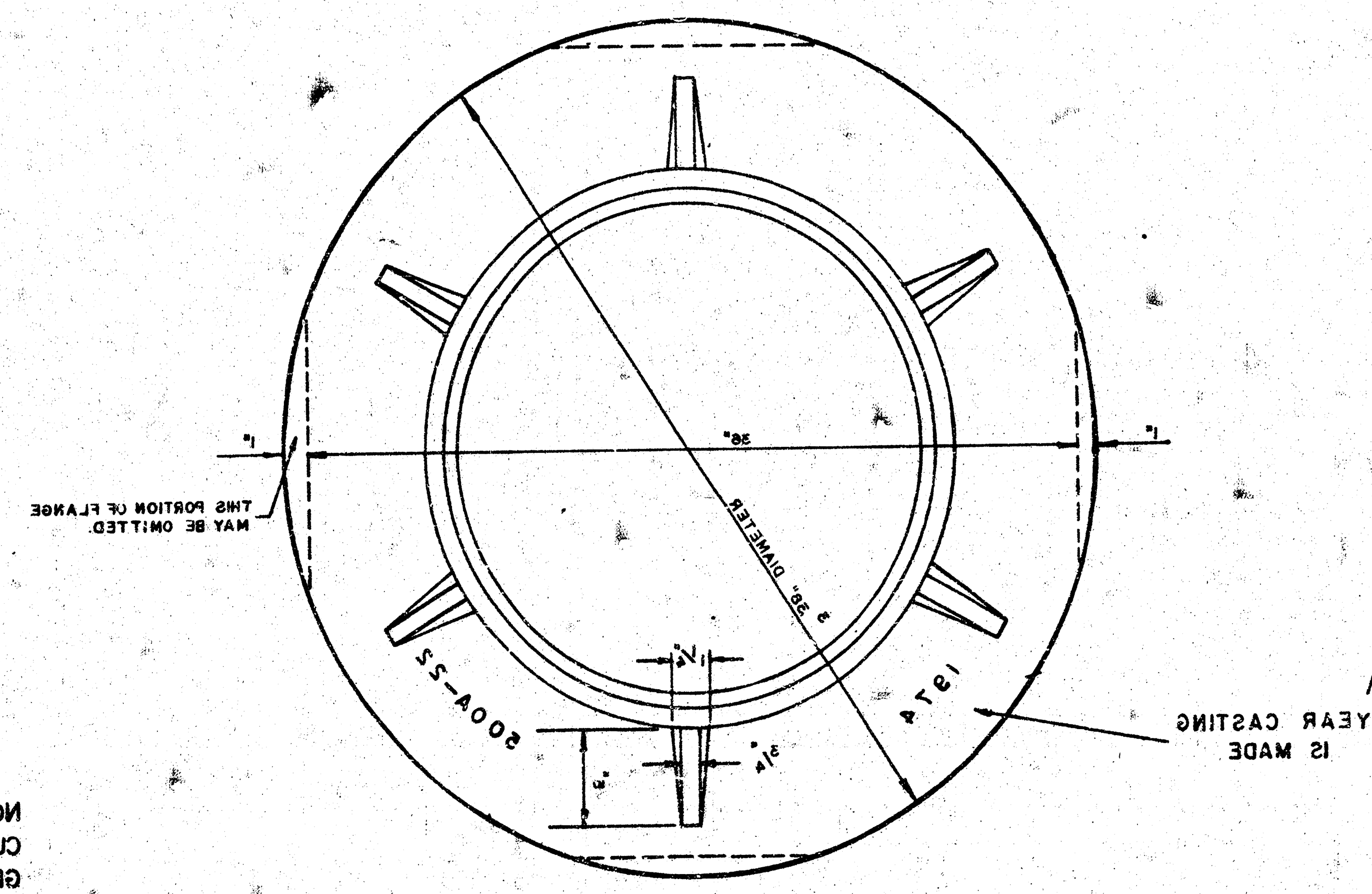
THE FLOORS OF ALL MANHOLES SHALL BE SHAPED TO INCREASE HYDRAULIC EFFICIENCY USING 8 SACK SAND MIX CONCRETE.

CAST IN PLACE CIRCULAR CONCRETE MANHOLES ARE TO BE CONSTRUCTED ONLY ON SEWERS NOT SUBJECT TO DETERIATION OF CONCRETE DUE TO FORMATION OF HYDROGEN SULFIDE GAS AND IN LOCATIONS WHERE IT IS OBVIOUS THAT ANY ADJUSTMENT OF THE MANHOLE TOP ELEVATION WHICH MAY BE NECESSARY WILL NOT REQUIRE MODIFICATION OF THE CONCRETE BARREL.



SECTIONAL ELEVATION-INVERT

NOTE: OPENING FOR INLET PIPE CUT IN MANHOLE WALL AND PIPE GROUTED IN PLACE WITH NON-SHRINKING GROUT. EXTERIOR OF COMPLETED CONNECTION TO BE SEALED WITH APPROVED COATING.

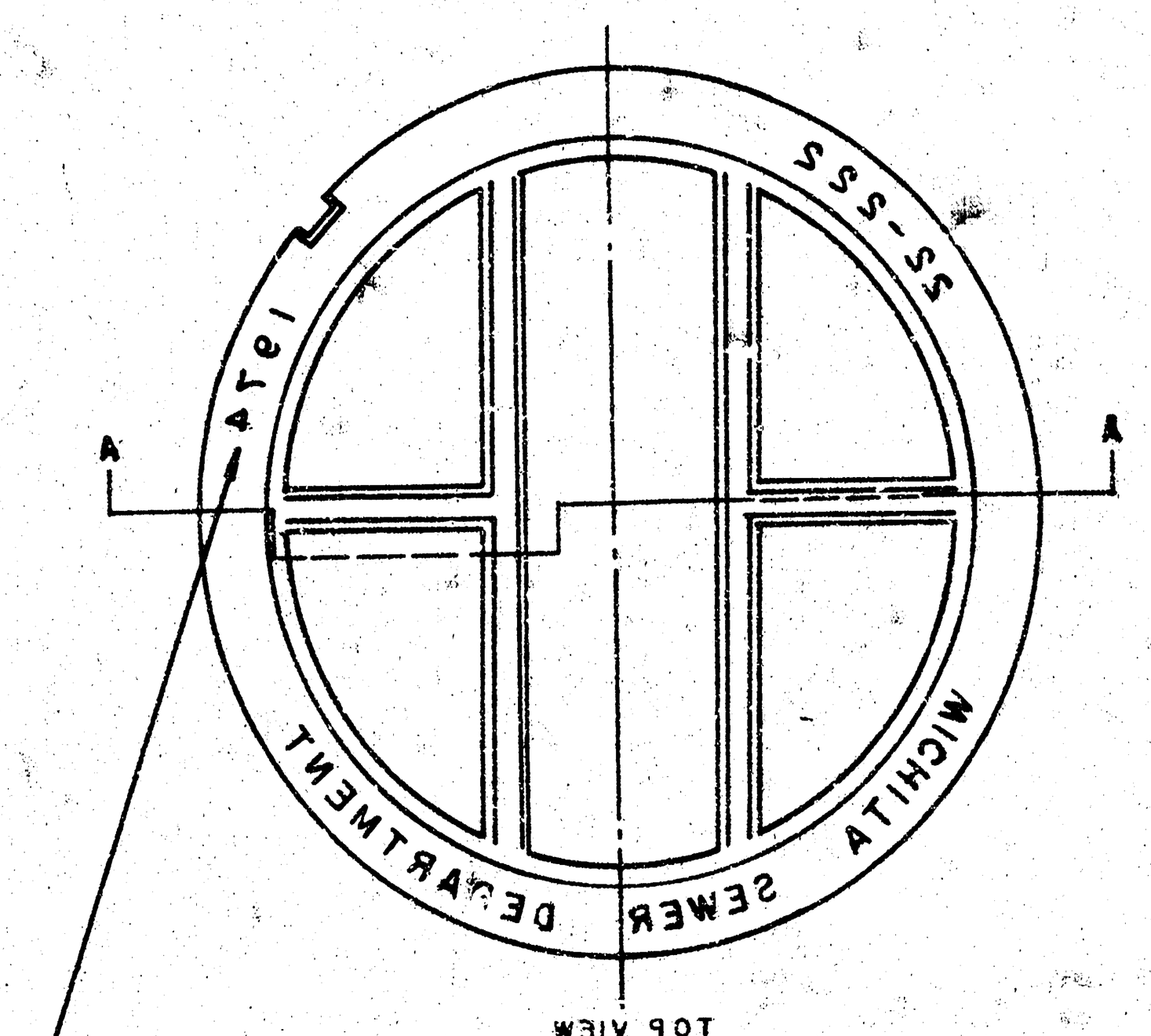


MANHOLE RING

WEIGHT 325 LBS. RING NO. 500A

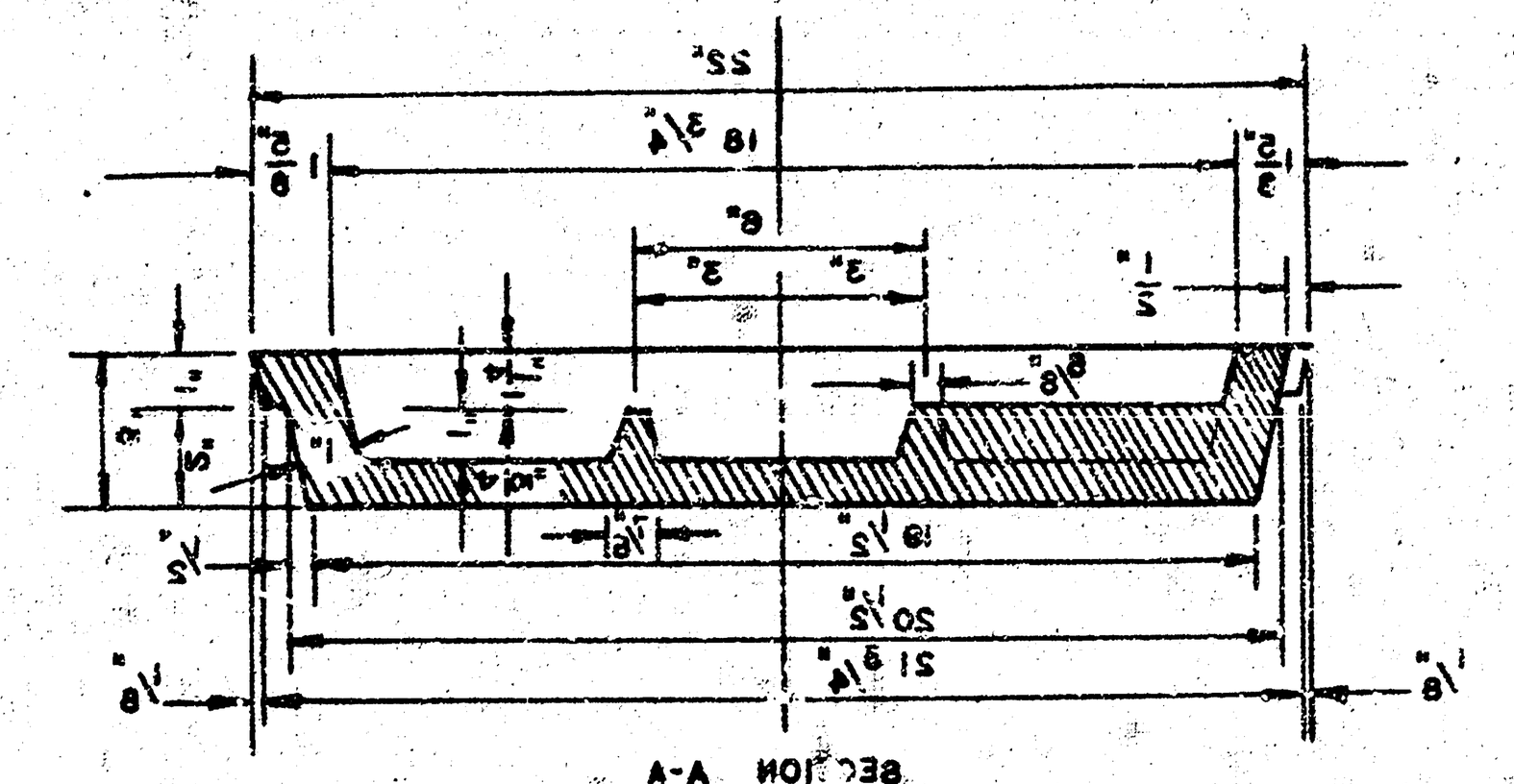
WEIGHT 800 LBS. RING NO. 500AS

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

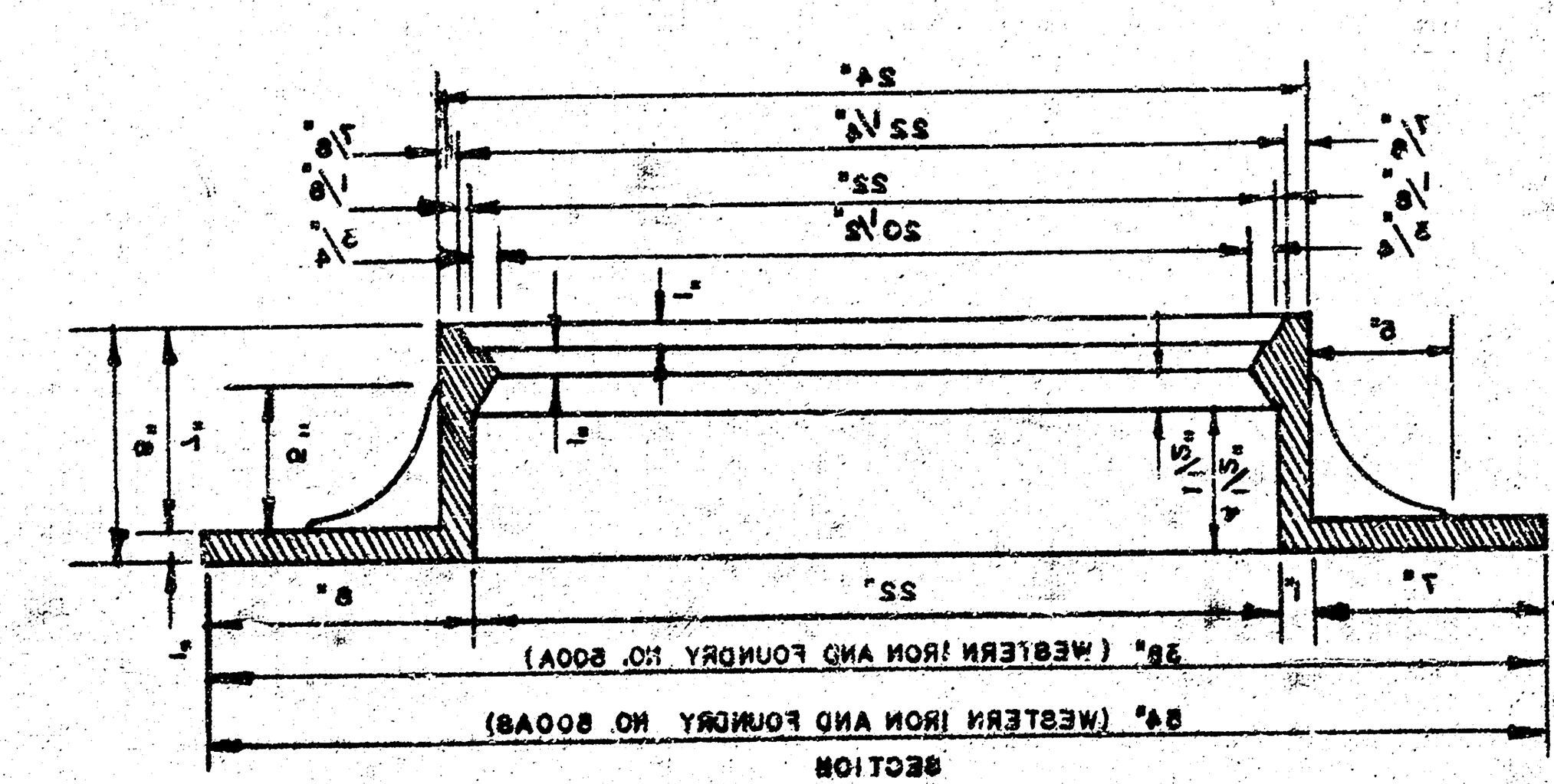


MANHOLE COVER

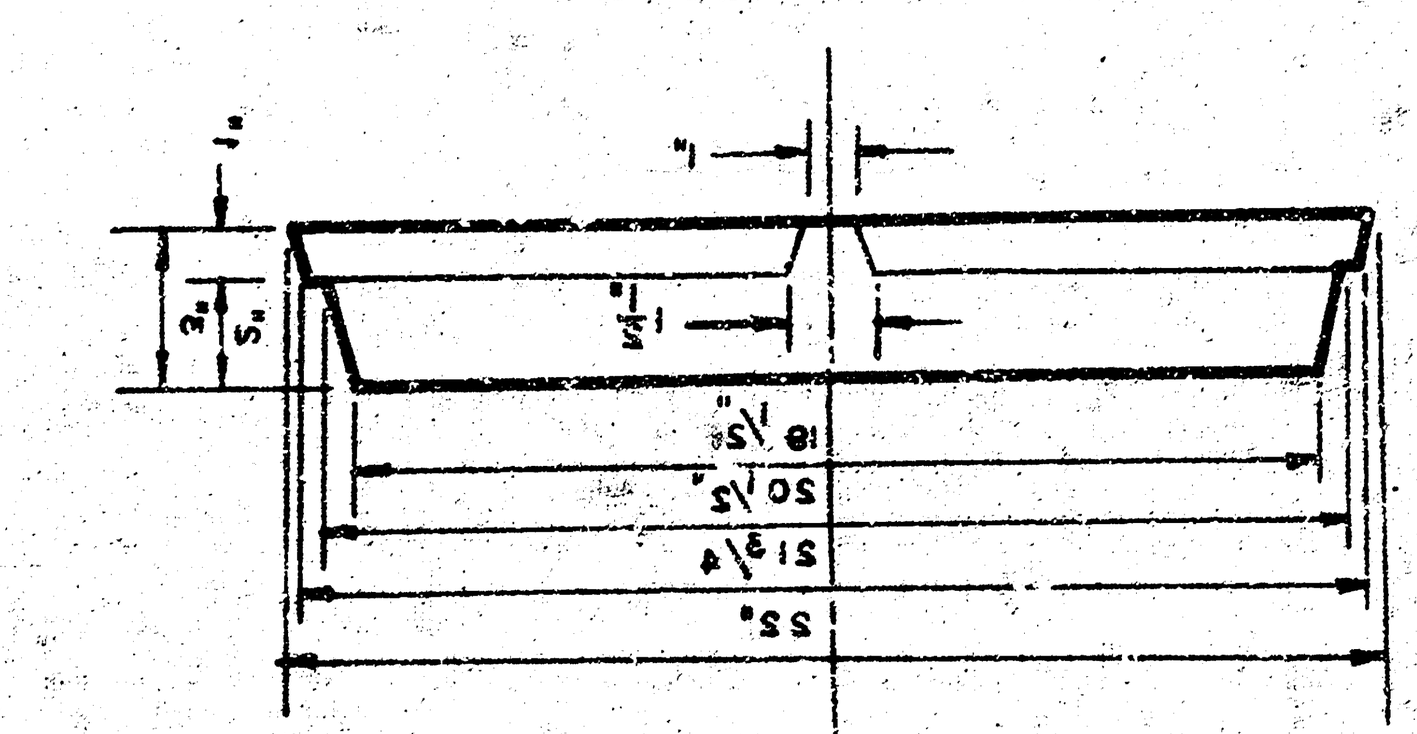
WEIGHT 110 LBS.



MANHOLE COVER



MANHOLE RING



MANHOLE COVER

DETAILS OF
SEWER APPURTENANCES
ADOPTED AS STANDARD DESIGN
BY
ENGINEERING DIVISION
CITY OF WICHITA, KANSAS
R. W. LINN CITY ENGINEER
1974

SH. 5 OF 19   14-4-3-14   9   14

5/5