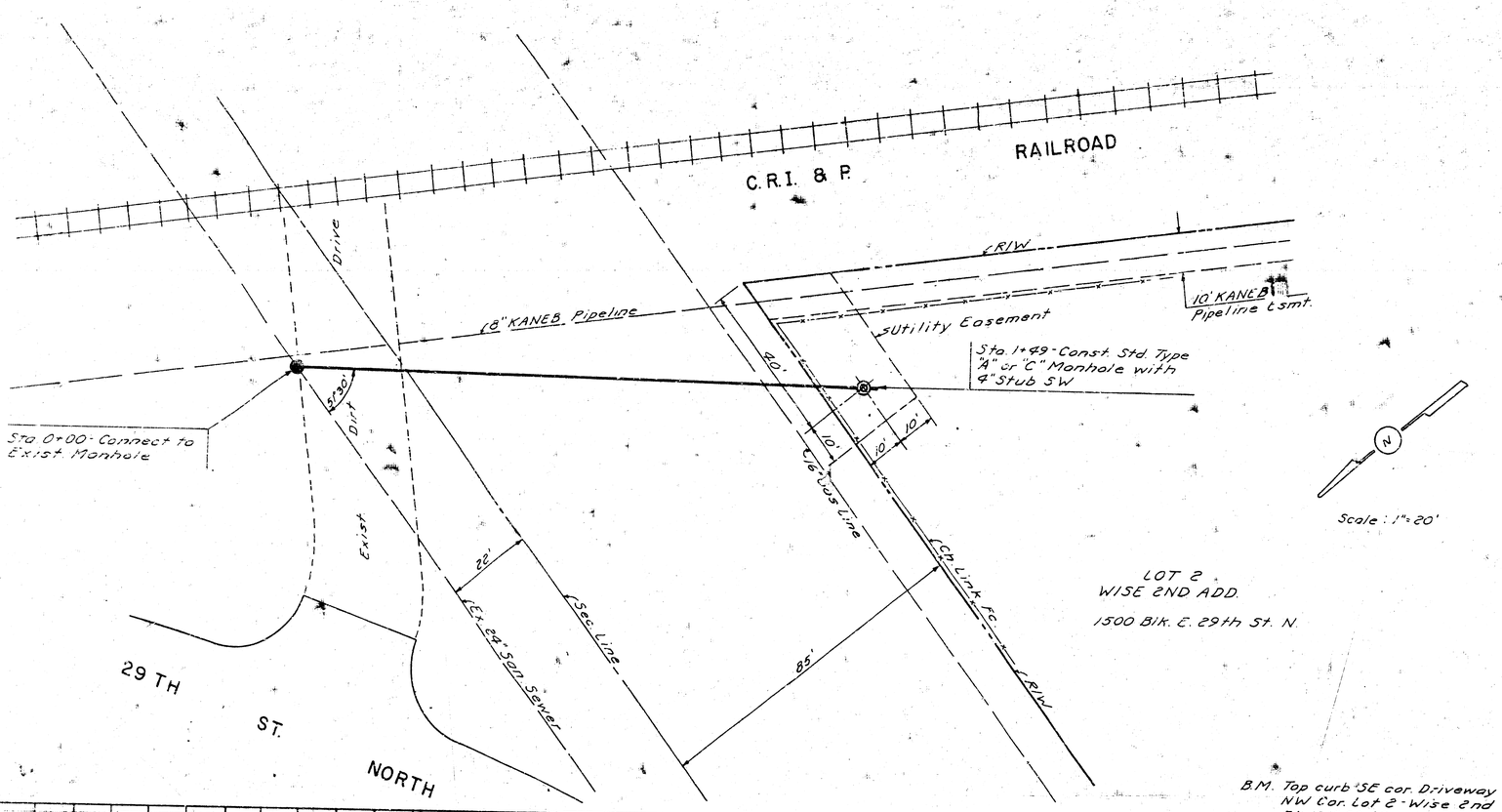


Scale : 1" = 20'

LOT 2
WISE 2ND ADD.
1500 Blk. E. 29th St. N.

Note : Contractor shall verify location of 16" gas line prior to beginning the trenching operation.

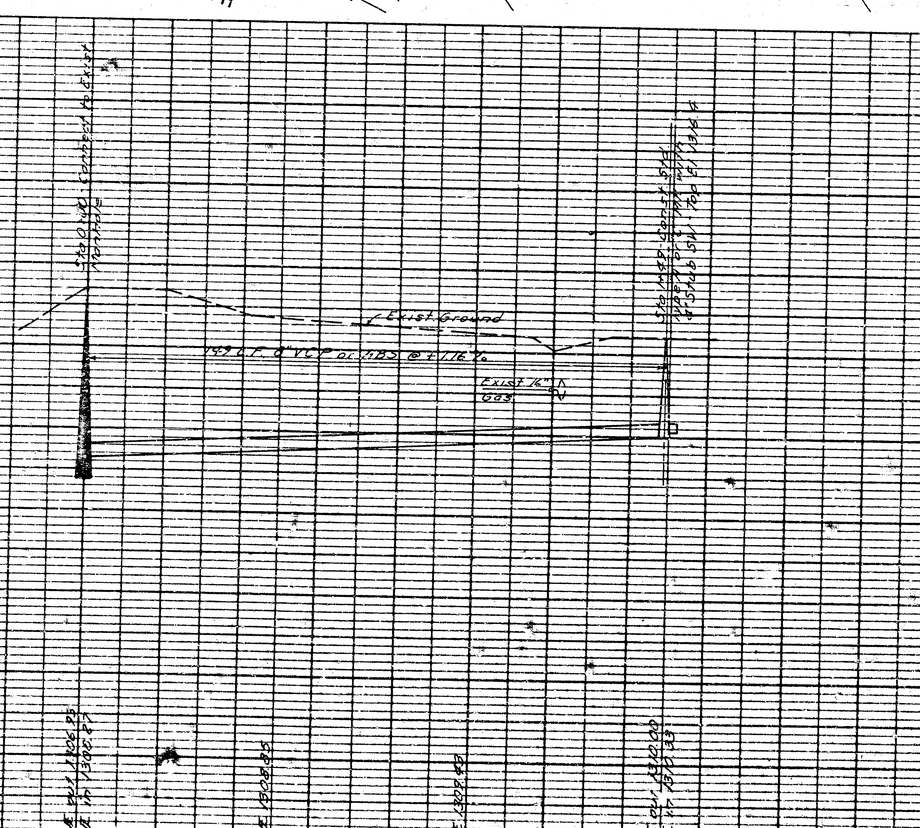
B.M. Top curb SE cor. Driveway NW Cor. Lot 2 - Wise 2nd El. 1318.00 (Sea Level)

NOTE TO CONTRACTOR

This project will be constructed under the supervision of the CITY ENGINEER and conform to the CONSTRUCTION STANDARDS of the CITY OF WICHITA, KANSAS, Latest Edition.

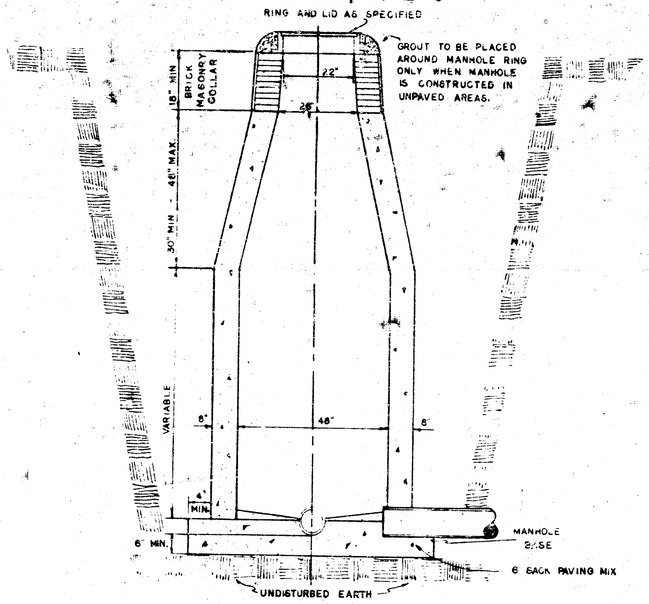
12-13-76

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA.
Sanitary Sewers D.E.S
Storm Sewers
Driveway Approaches

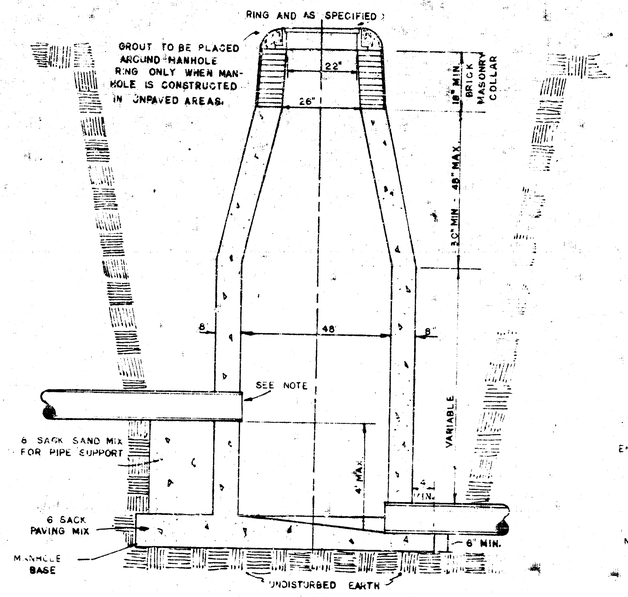


CITY PROJ. NO. DBKW 7060065
SANITARY SEWER TO SERVE
LOT 2 - WISE 2ND ADDITION

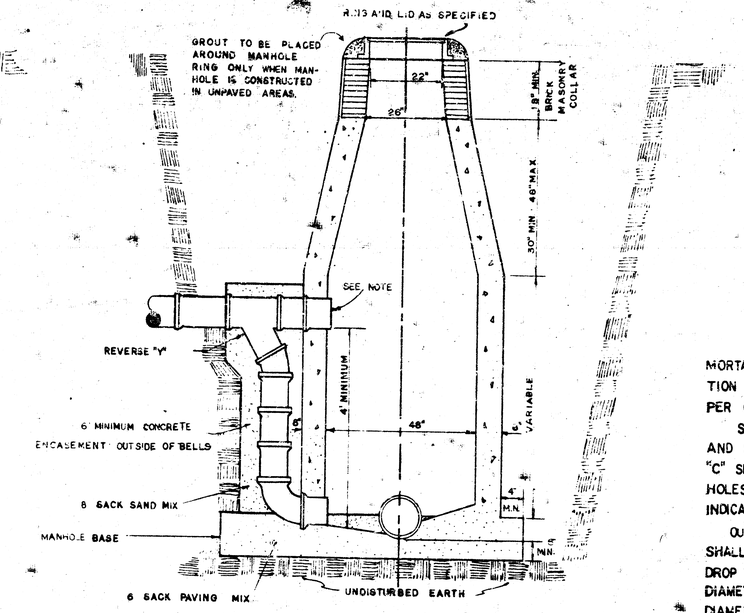
STANDARD MANHOLE, TYPE "C"



DROP MANHOLE, TYPE "C"



OUTSIDE DROP MANHOLE, TYPE "C"



GENERAL NOTES

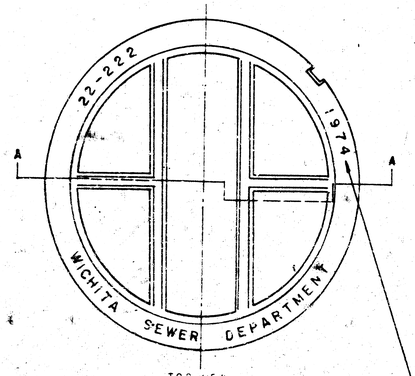
MORTAR USED IN MASONRY CONSTRUCTION SHALL CONTAIN 8 SACKS OF CEMENT PER CUBIC YARD.

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.

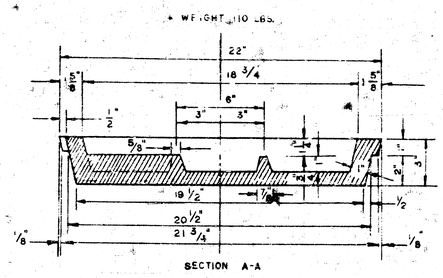
CAST IN PLACE CIRCULAR CONCRETE MANHOLES ARE TO BE CONSTRUCTED ONLY ON SEWERS NOT SUBJECT TO DETERIATION OF CONCRETE DUE TO FORMATION OF HYDROGEN SULFIDE GAS AND IN LOCATIONS WHERE IT IS OBVIOUS THAT ANY ADJUSTMENT OF THE MANHOLE TOP ELEVATION WHICH MAY BE NECESSARY WILL NOT REQUIRE MODIFICATION OF THE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



TOP VIEW

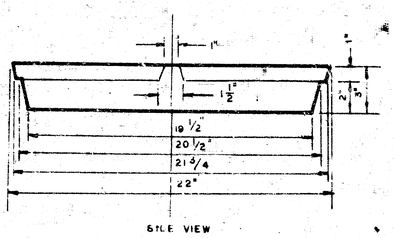
MANHOLE COVER

* WEIGHT 110 LBS.



SECTION A-A

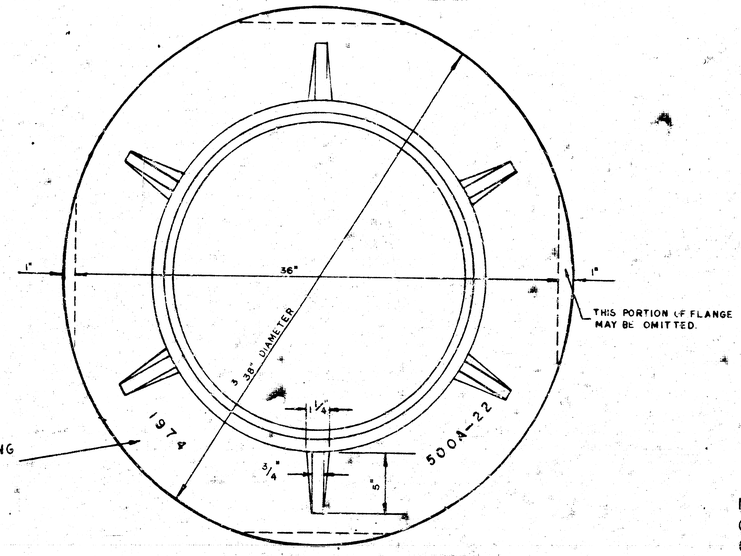
MANHOLE COVER



SIDE VIEW

MANHOLE COVER

YEAR CASTING IS MADE



THIS PORTION OF FLANGE MAY BE OMITTED.

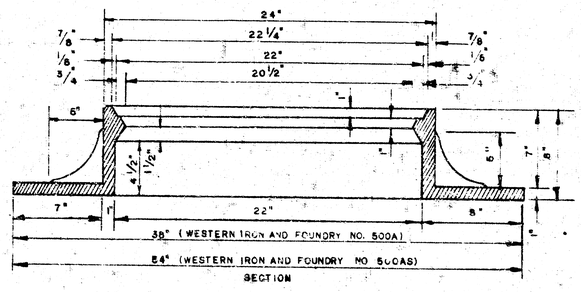
TOP VIEW

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

MANHOLE RING

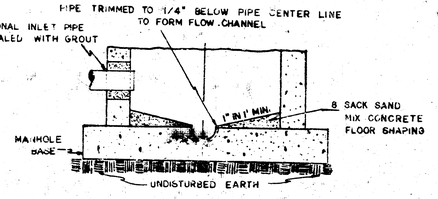
WEIGHT 325 LBS. RING NO. 500A

WEIGHT 900 LBS. RING NO. 500AS



SECTION

MANHOLE RING



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.

DETAILS OF

SEWER APPURTENANCE

ADOPTED AS STANDARD DESIGN

BY

ENGINEERING DIVISION

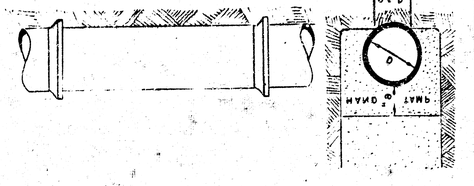
CITY OF WICHITA, KANSAS

R. W. LINN, CITY ENGINEER

CITY OF WICHITA, KANSAS
ENGINEERING DIVISION
BY
ADOPTED AS STANDARD DESIGN
SEWER APPURTENANCE
DETAILS OF

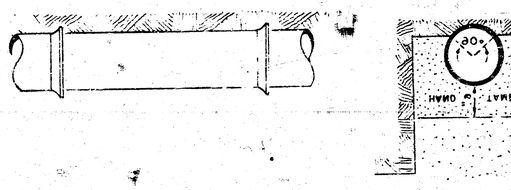
ORDINARY BEDDING METHOD

FOR PERFORATED CONCRETE PIPE

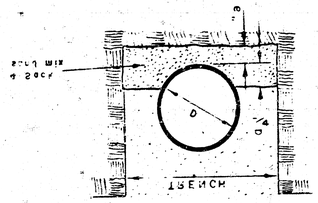


ORDINARY BEDDING METHOD

FOR CLAY PIPE

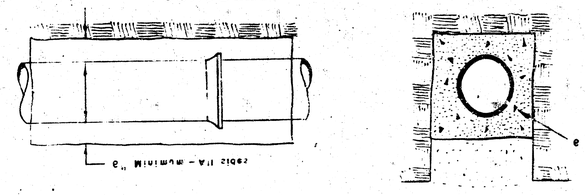


DETAIL OF CONCRETE CRADLE



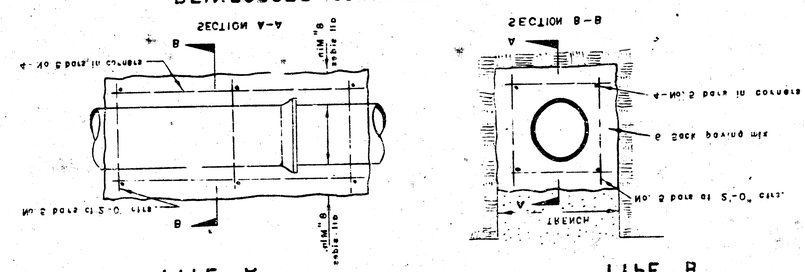
CONCRETE ENCASEMENT

FOR COVER



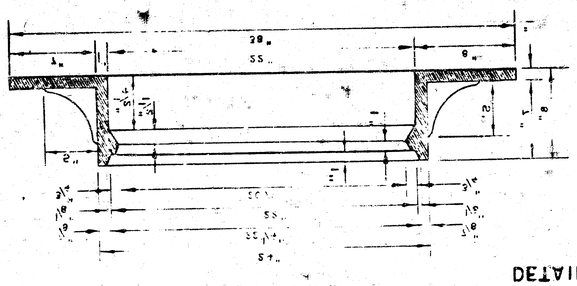
REINFORCED CONCRETE ENCASEMENT

FOR STRENGTH



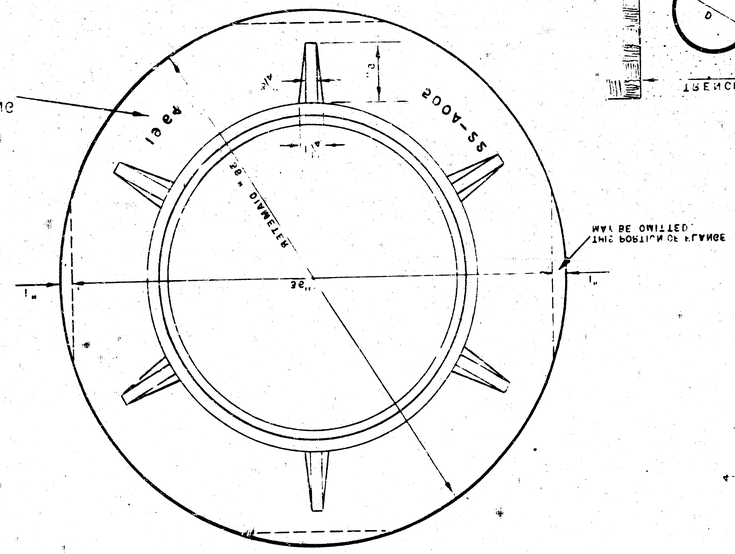
MANHOLE RING

SECTION



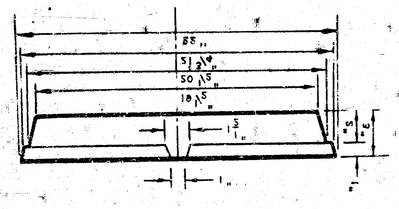
MANHOLE RING

TOP VIEW



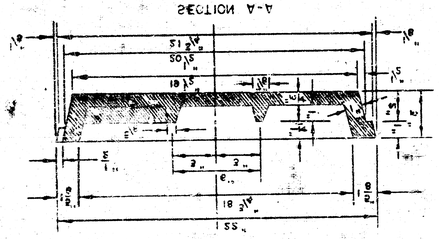
MANHOLE COVER

SIDE VIEW



MANHOLE COVER

SECTION A-A



MANHOLES

THE CONCRETE USED FOR MORTAR IN MANHOLES SHALL CONTAIN 6 SACKS OF CEMENT PER CUBIC YARD.

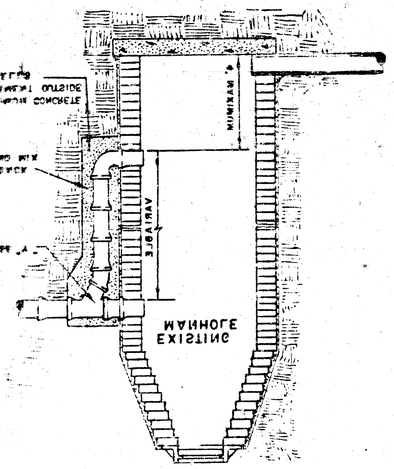
STANDARD MANHOLES AND DROP MANHOLES, REGARDLESS OF DIAMETER, SHALL BE BID AT ONE PRICE AS "STANDARD MANHOLES."

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

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

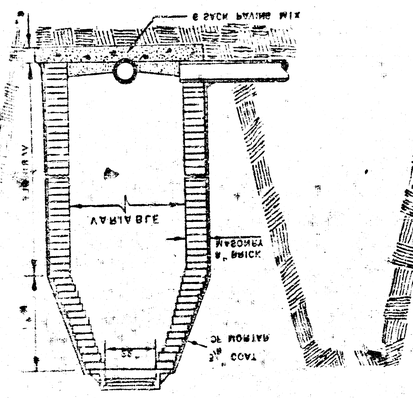
DETAIL OF DROP STACK

FOR EXISTING MANHOLES IN GROUND WATER

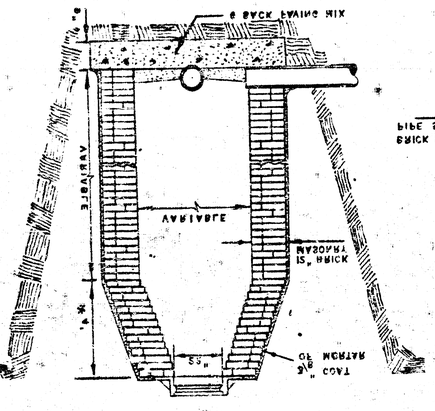


* DRAW = 8, ON 2, DIA. M.H.

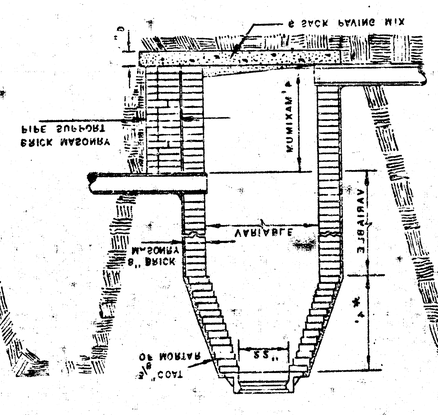
TYPE "A"
STANDARD MANHOLE



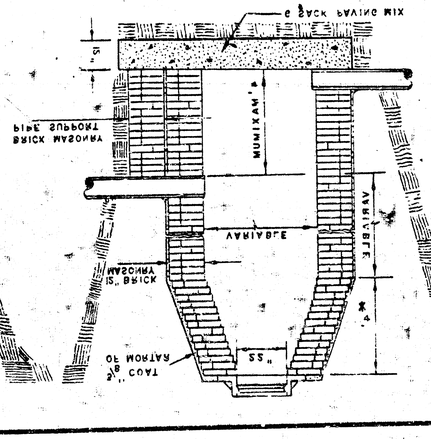
TYPE "B"
STANDARD MANHOLE



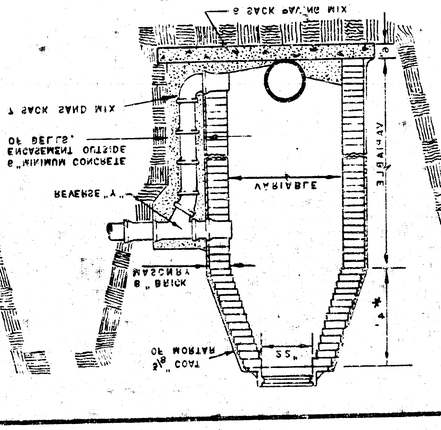
TYPE "A"
DROP MANHOLE



TYPE "B"
DROP MANHOLE



TYPE "A"
OUTSIDE DROP MANHOLE



TYPE "B"
OUTSIDE DROP MANHOLE