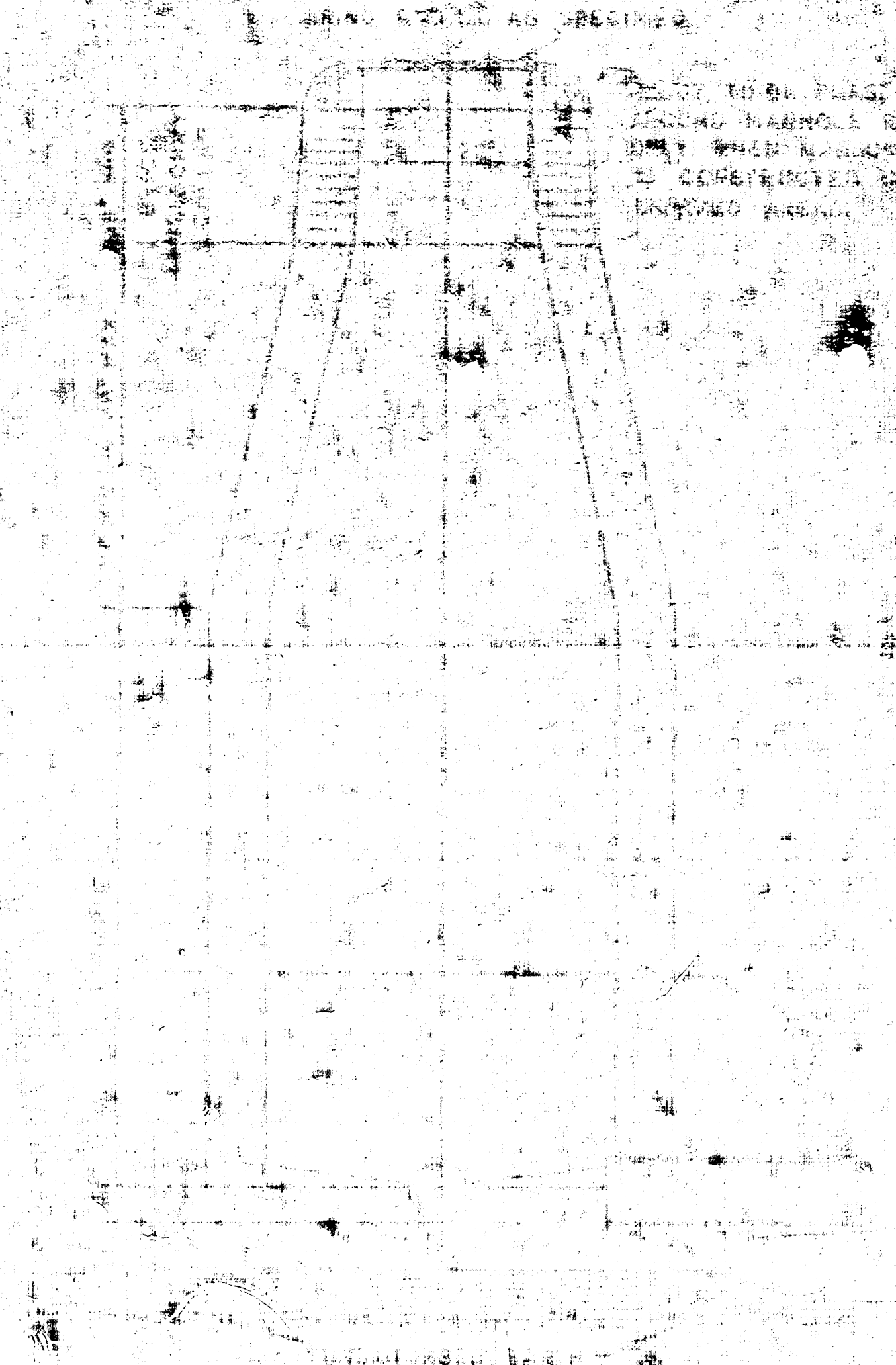
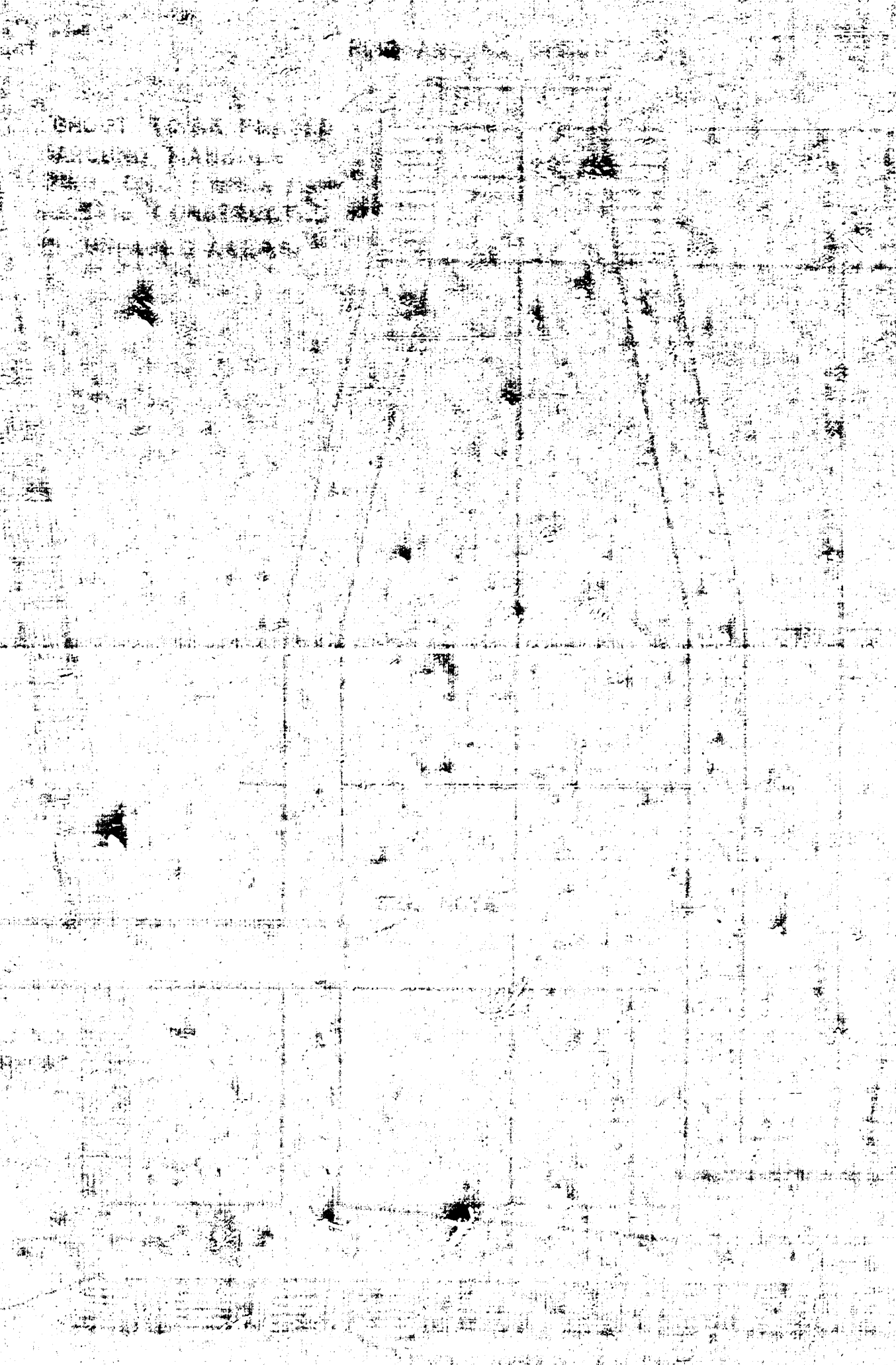


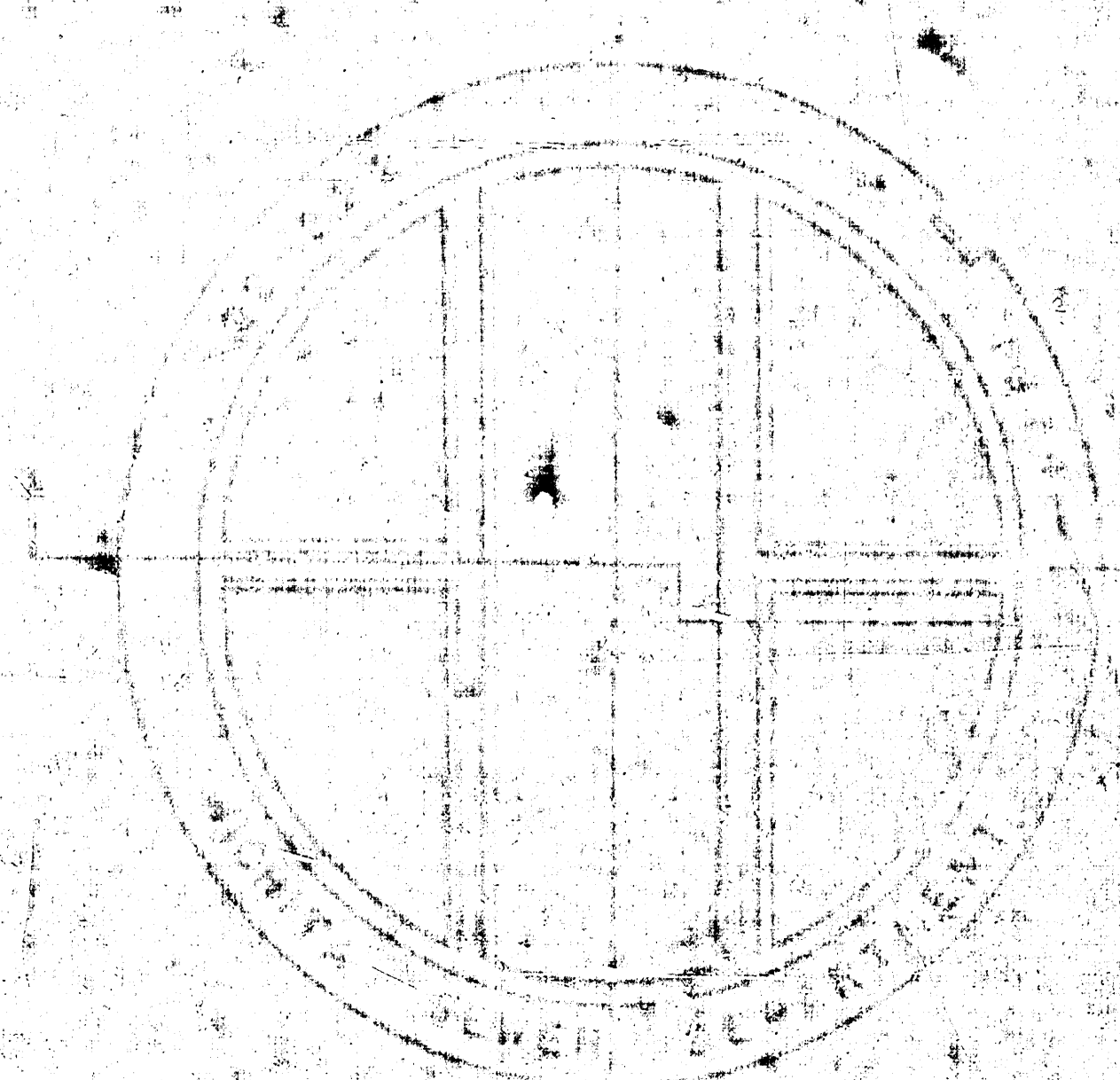
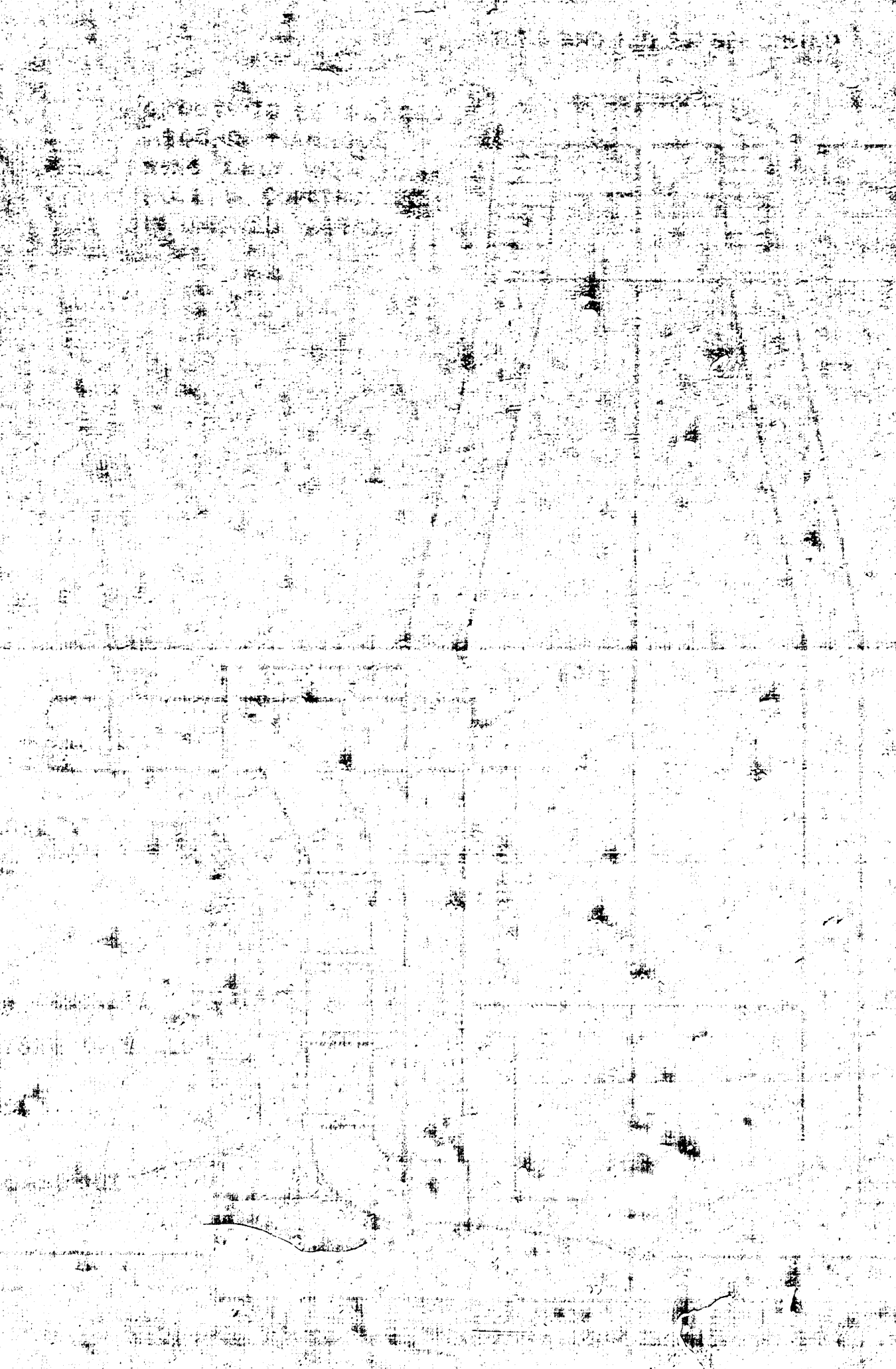
STANDARD MANHOLE, TYPE "C"



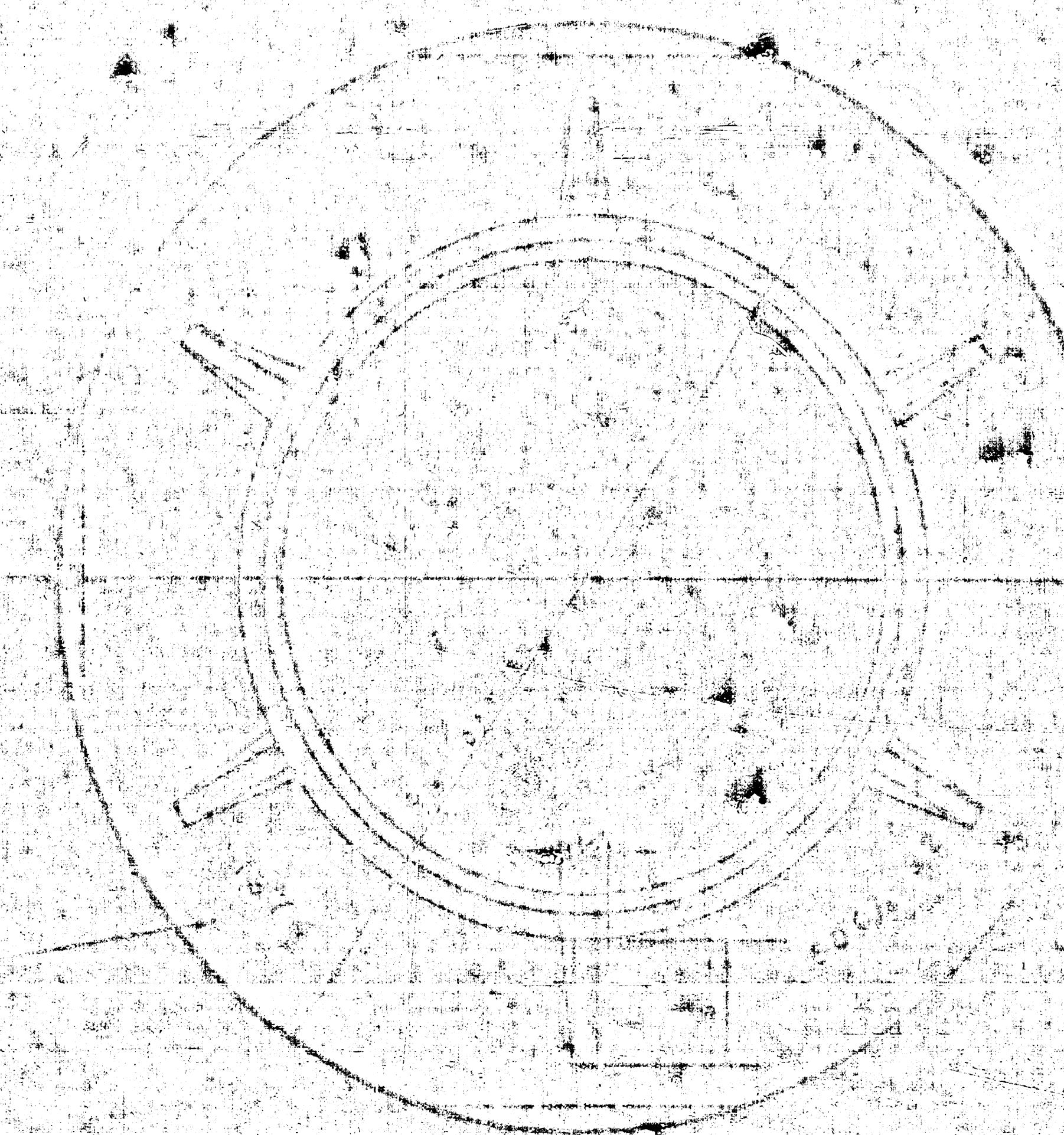
DROP MANHOLE, TYPE "C"



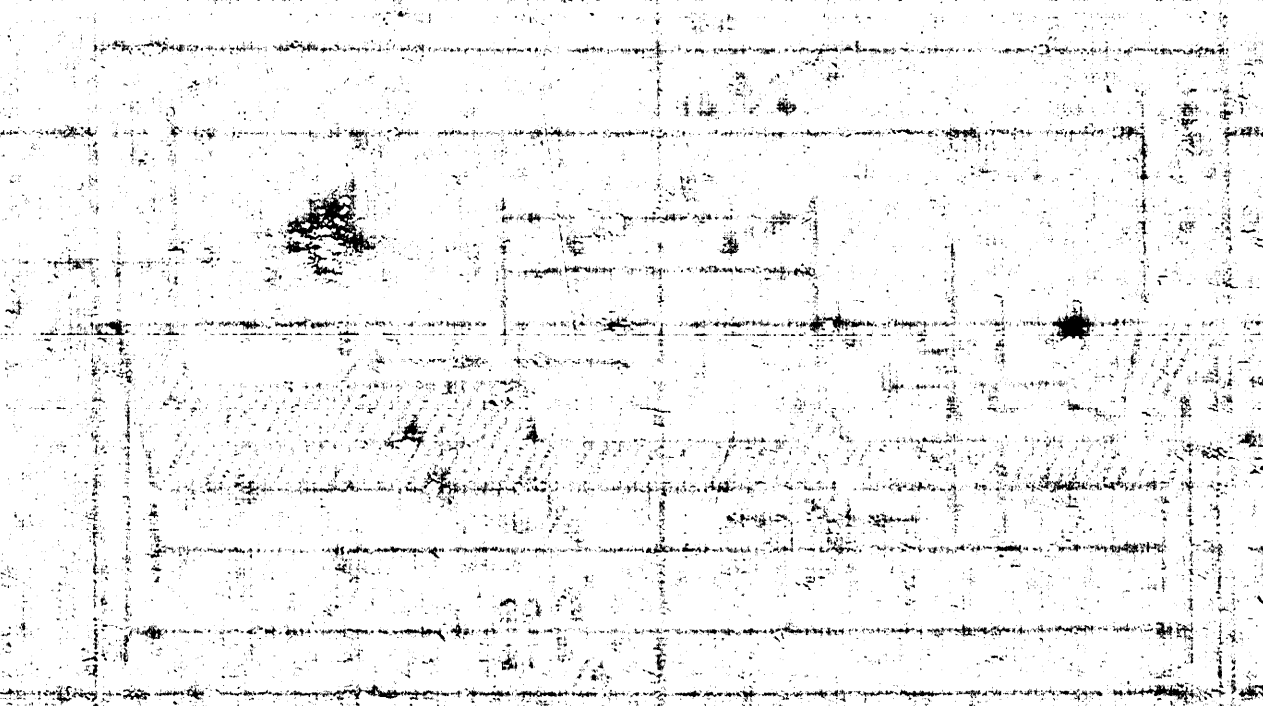
OUTSIDE DROP MANHOLE, TYPE "C"



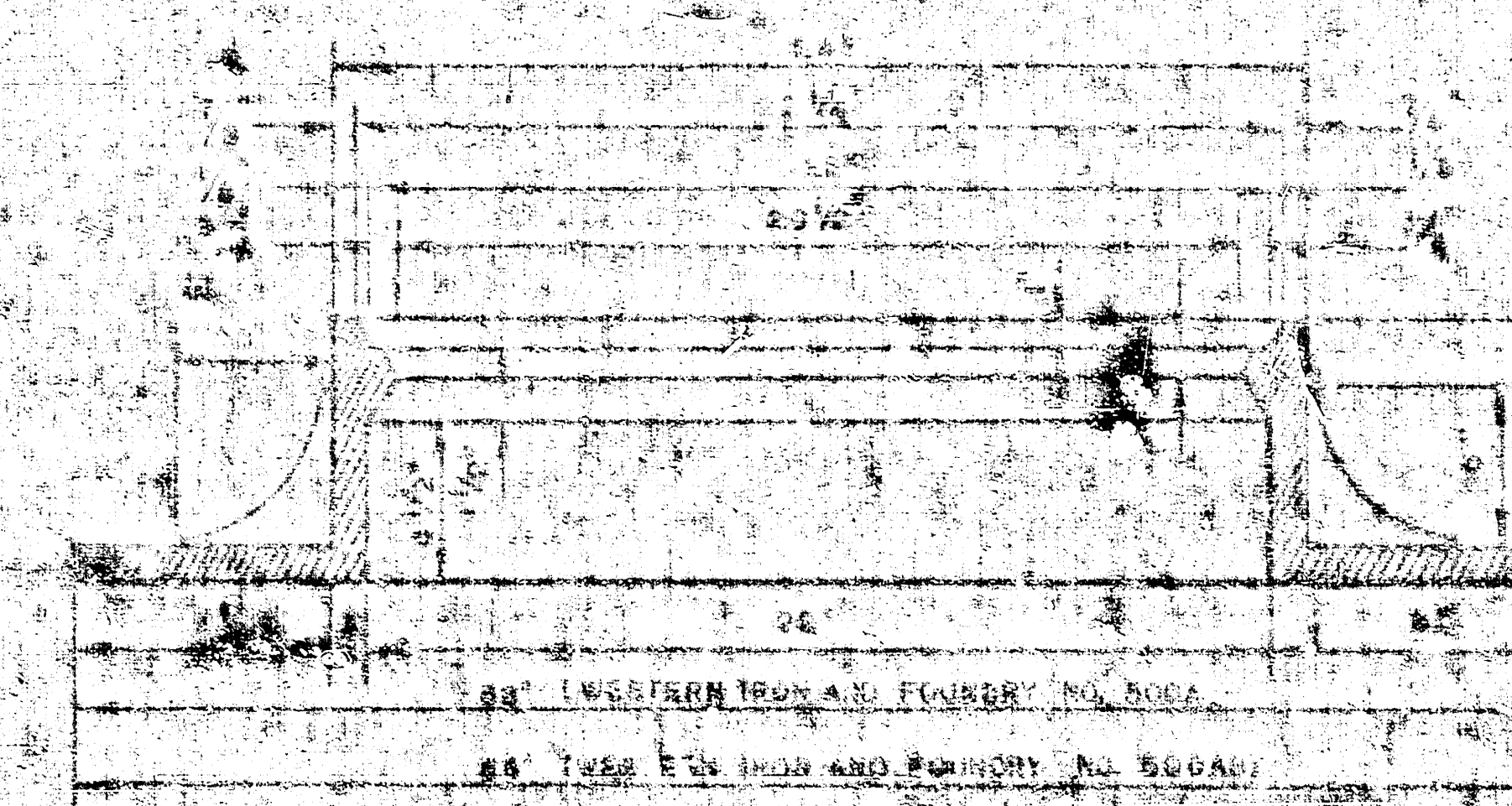
MANHOLE COVER



MANHOLE RING



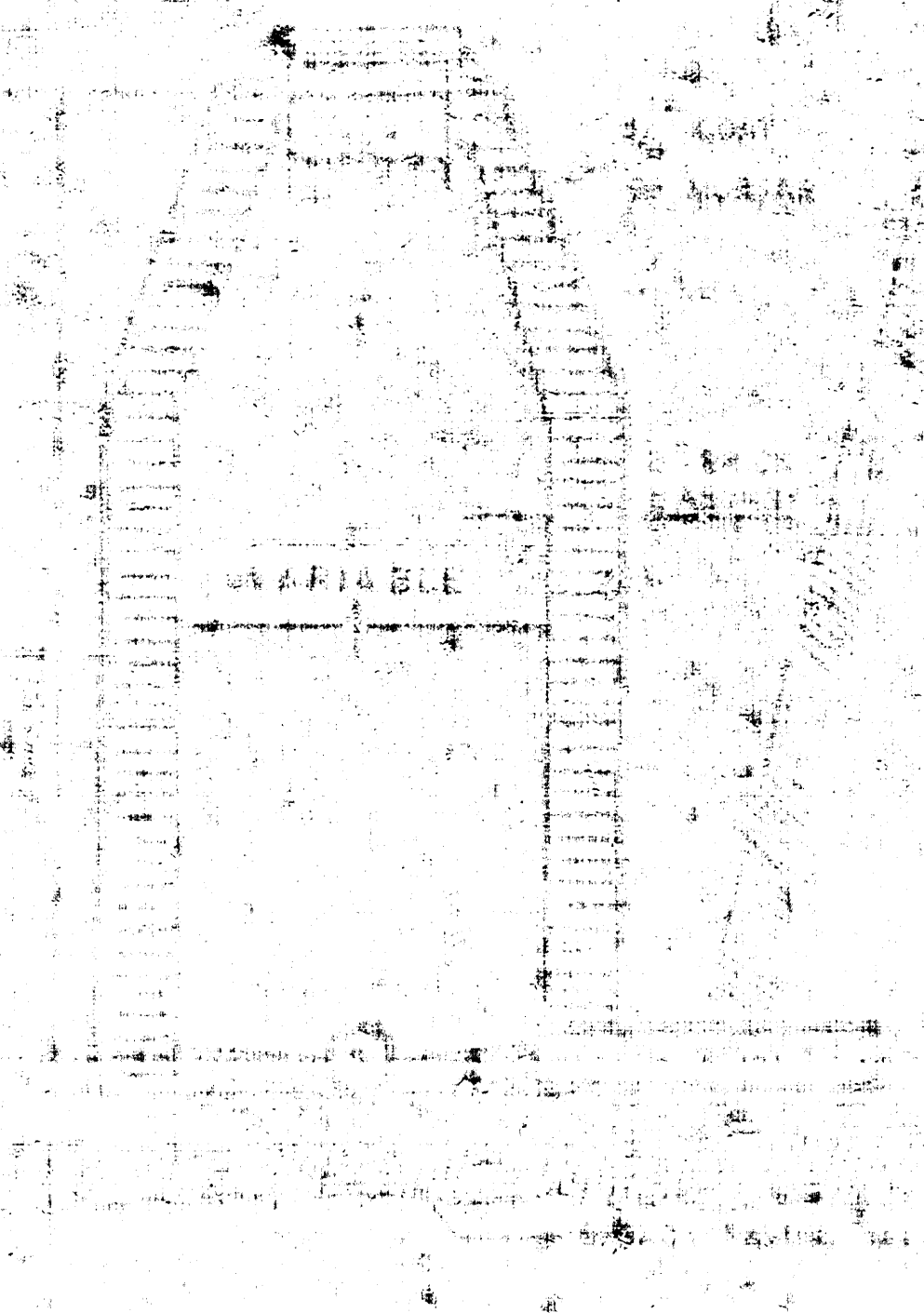
MANHOLE COVER



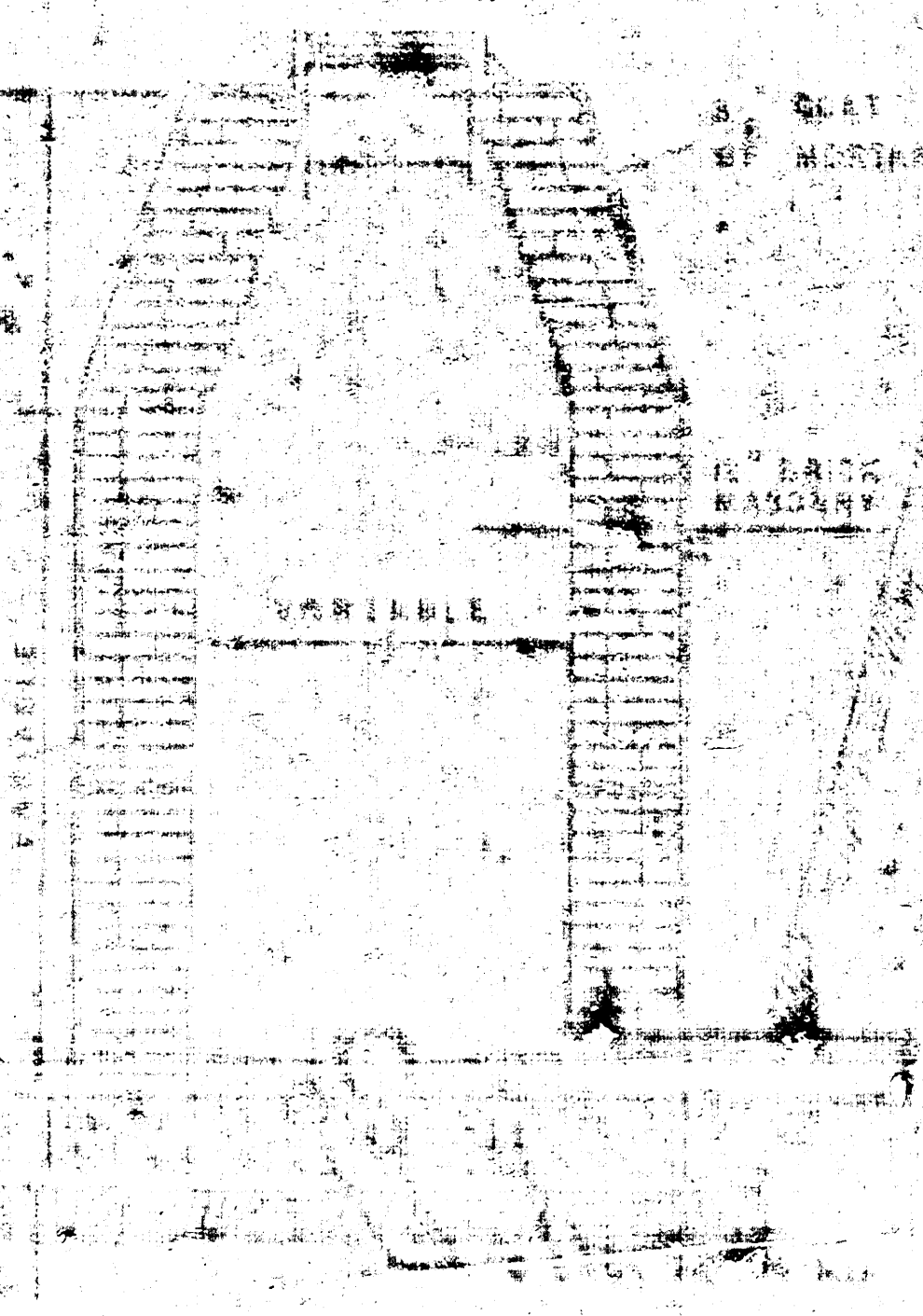
MANHOLE RING

NOTES: 1. THE MANHOLE SHALL BE CONSTRUCTED OF CAST IRON OR STEEL. 2. THE MANHOLE SHALL BE SET IN PLACE WITH A MINIMUM OF 12" OF GRAVEL OR SAND. 3. THE MANHOLE SHALL BE SET IN PLACE WITH A MINIMUM OF 12" OF GRAVEL OR SAND. 4. THE MANHOLE SHALL BE SET IN PLACE WITH A MINIMUM OF 12" OF GRAVEL OR SAND.

DETAILS OF
SEWER APPURTENANCE
ADOPTED AS STANDARD DESIGN
BY
ENGINEERING DIVISION
CITY OF NICHITA, KANSAS
R. W. LIND
CITY ENGINEER
1974



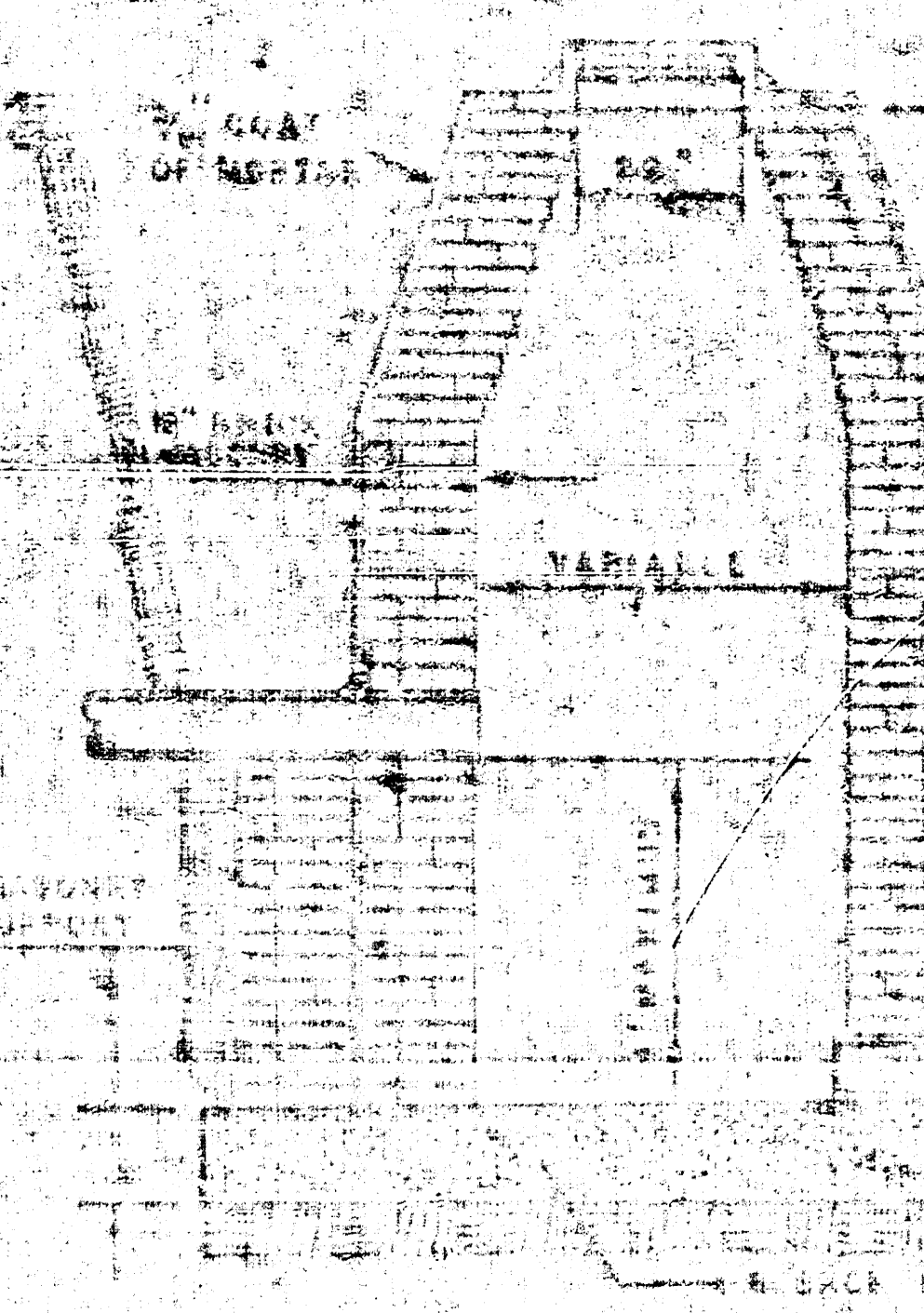
STANDARD MANHOLE
TYPE "A"



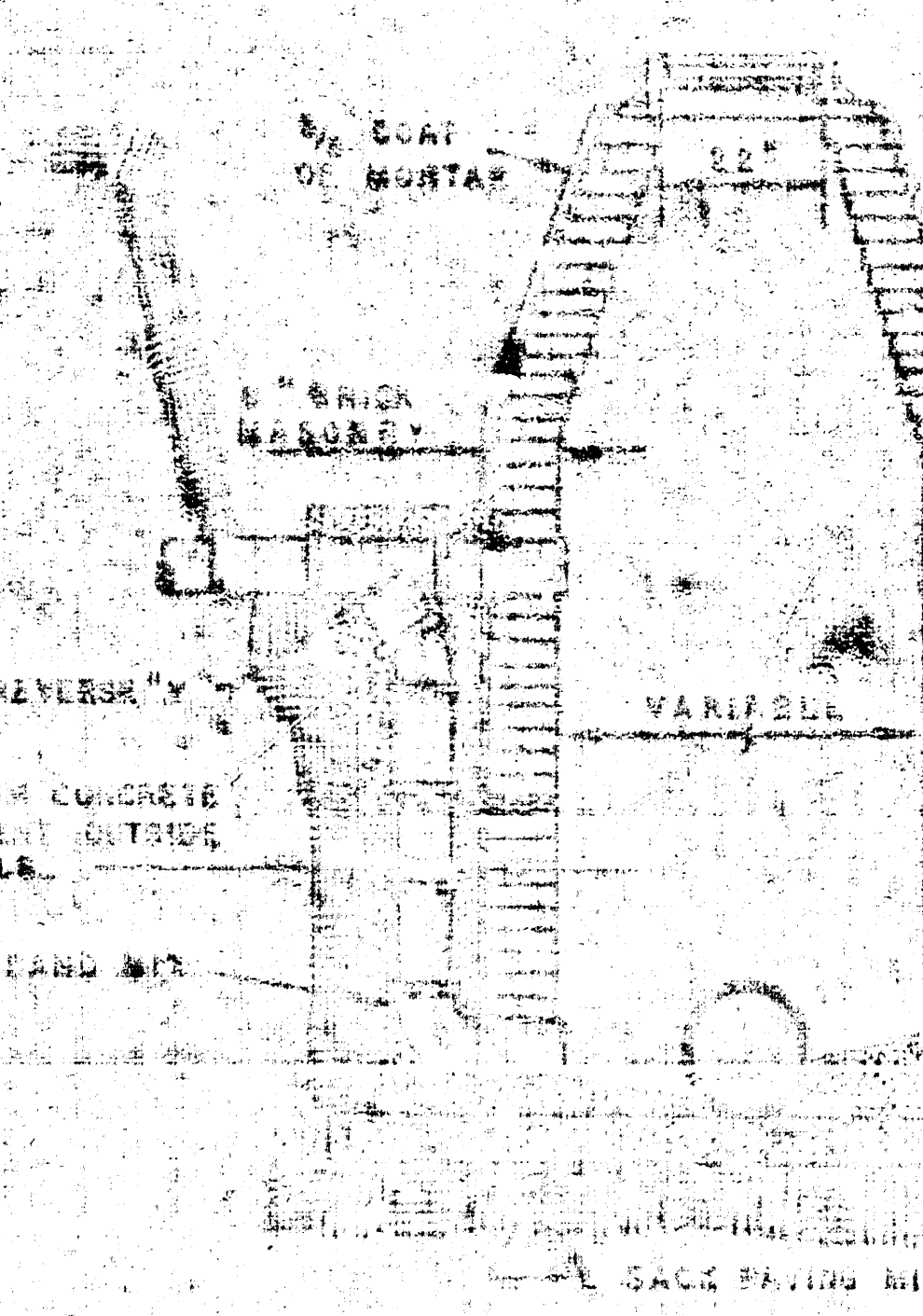
STANDARD MANHOLE
TYPE "B"



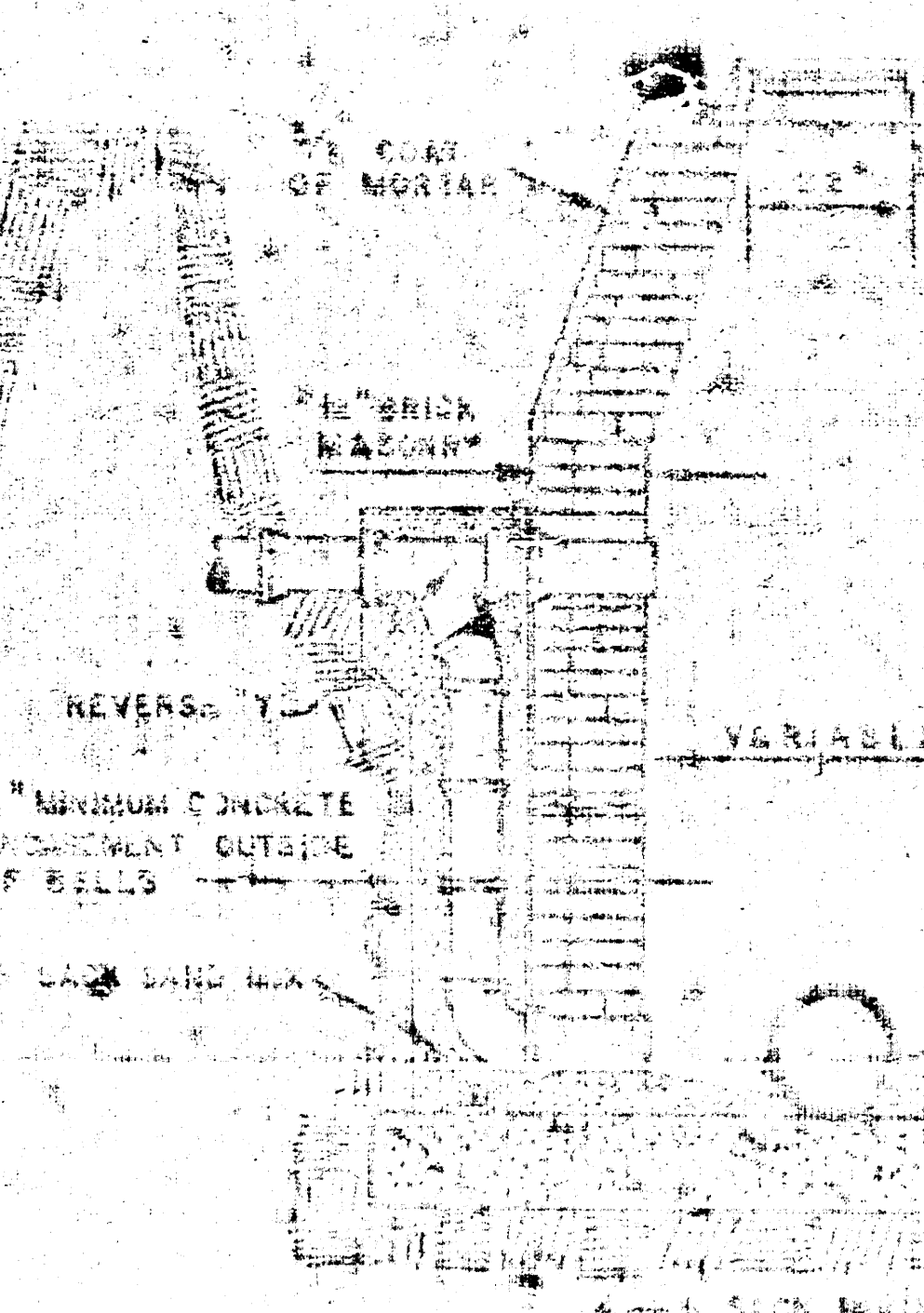
DROP MANHOLE
TYPE "A"



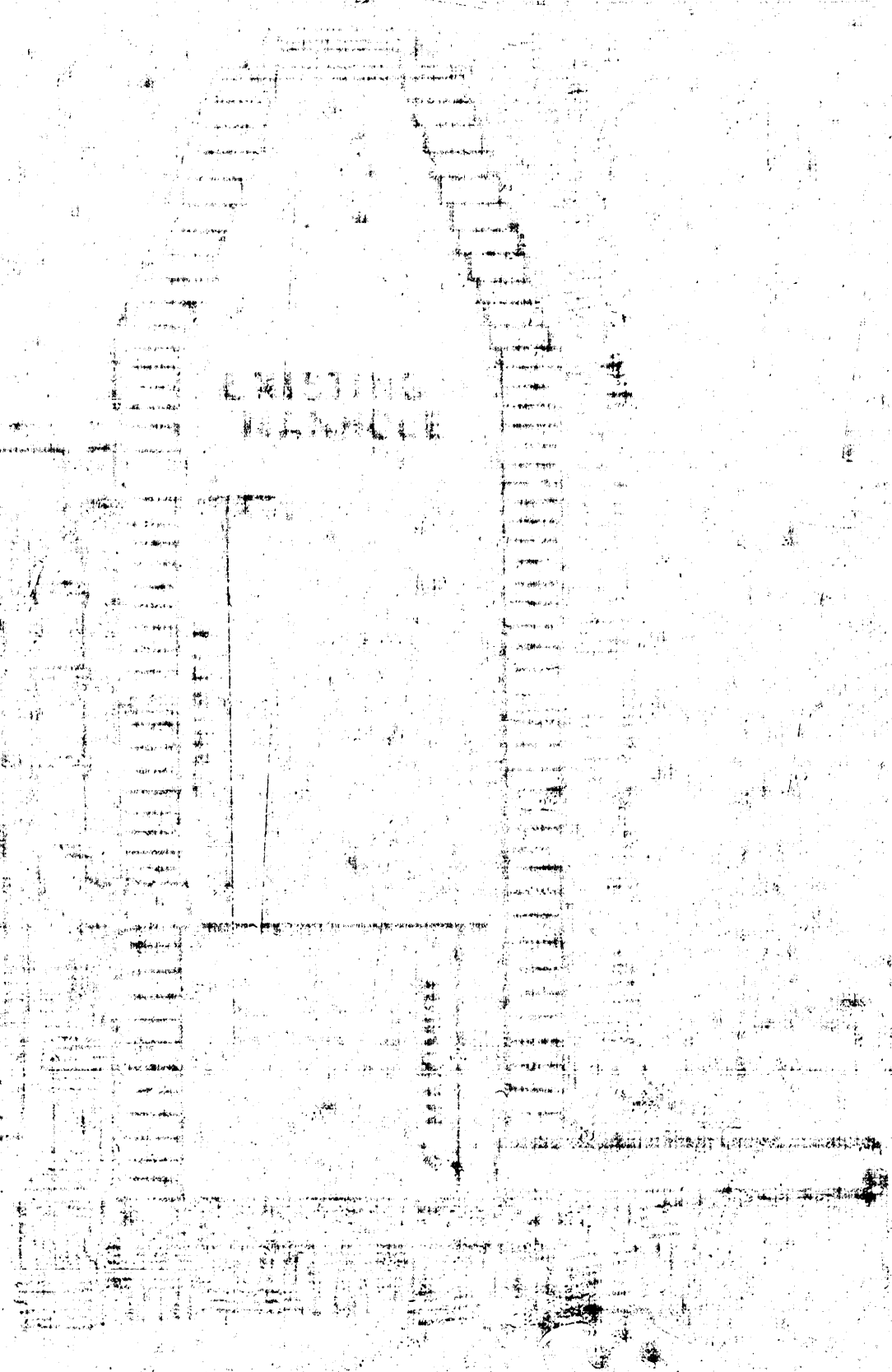
DROP MANHOLE
TYPE "B"



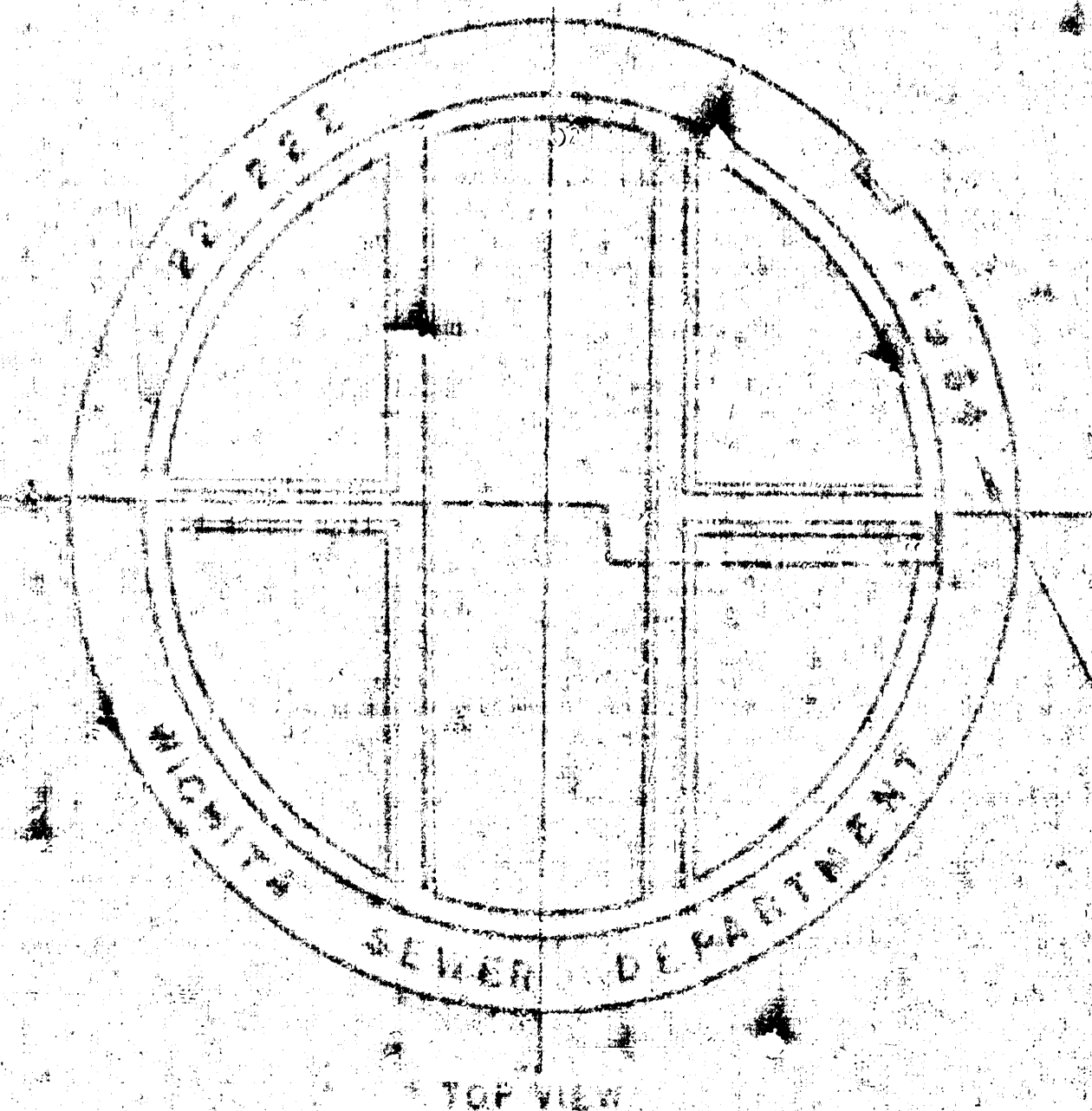
OUTSIDE DROP MANHOLE
TYPE "A"



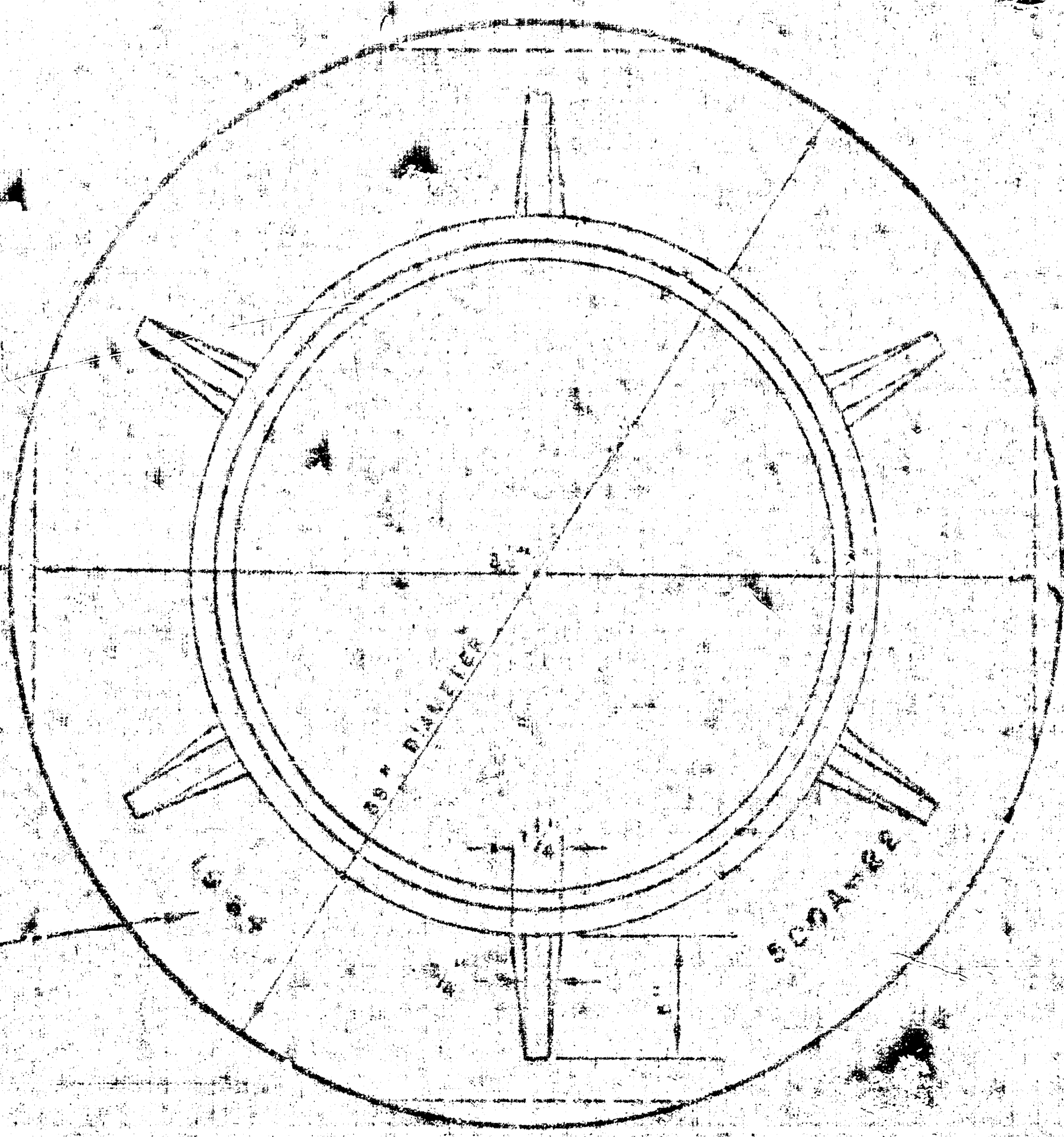
OUTSIDE DROP MANHOLE
TYPE "B"



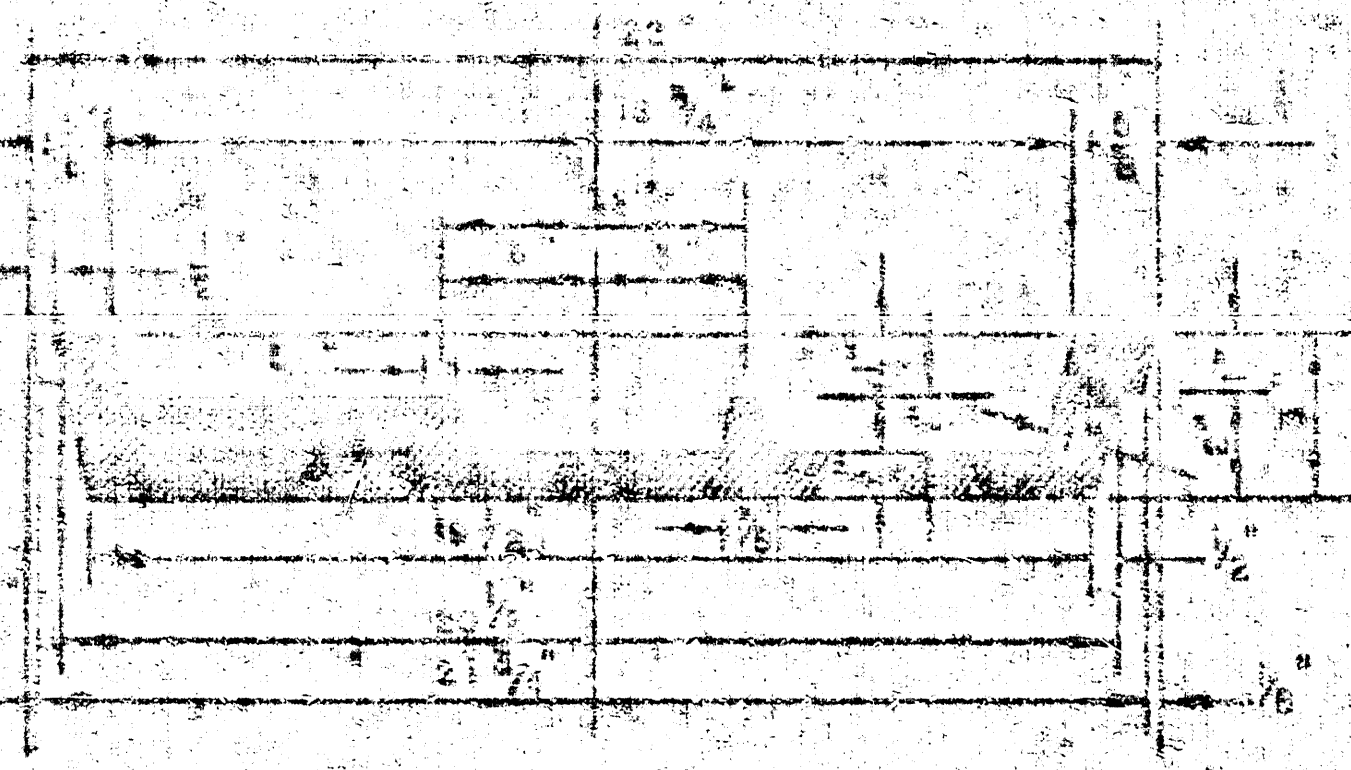
DETAIL OF DROP STACK
FOR EXISTING MANHOLES IN CRUISING WATER



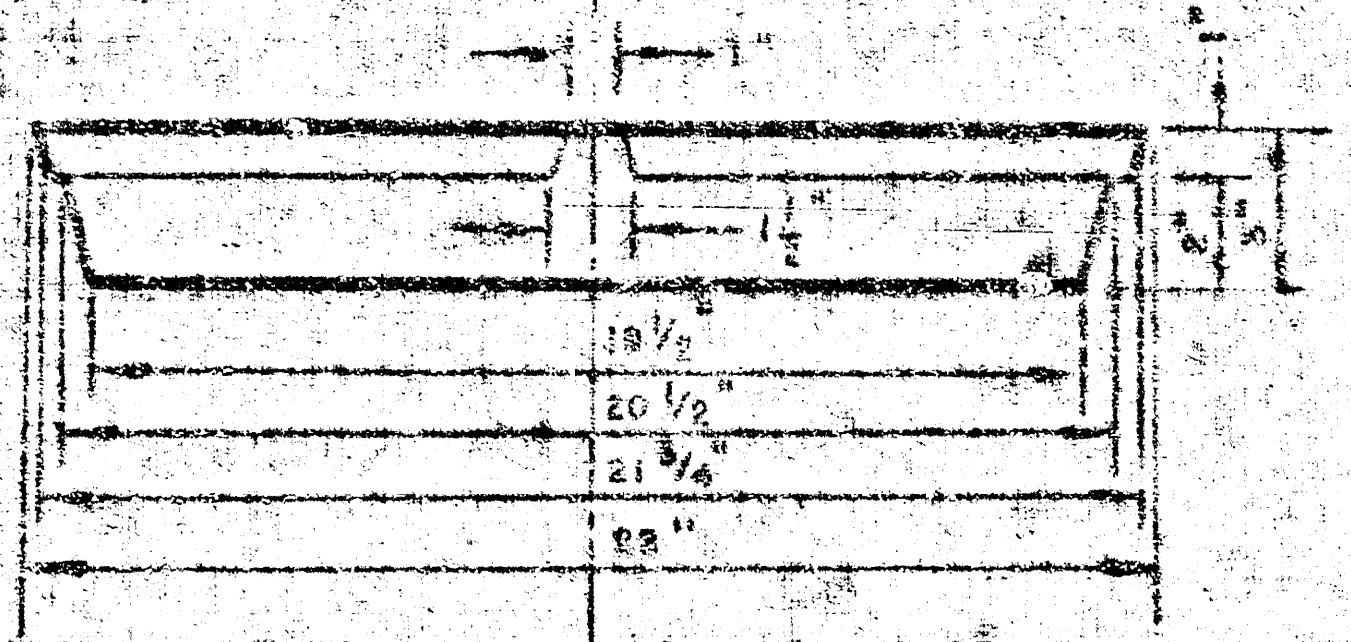
MANHOLE COVER
WEIGHT 125 LBS.



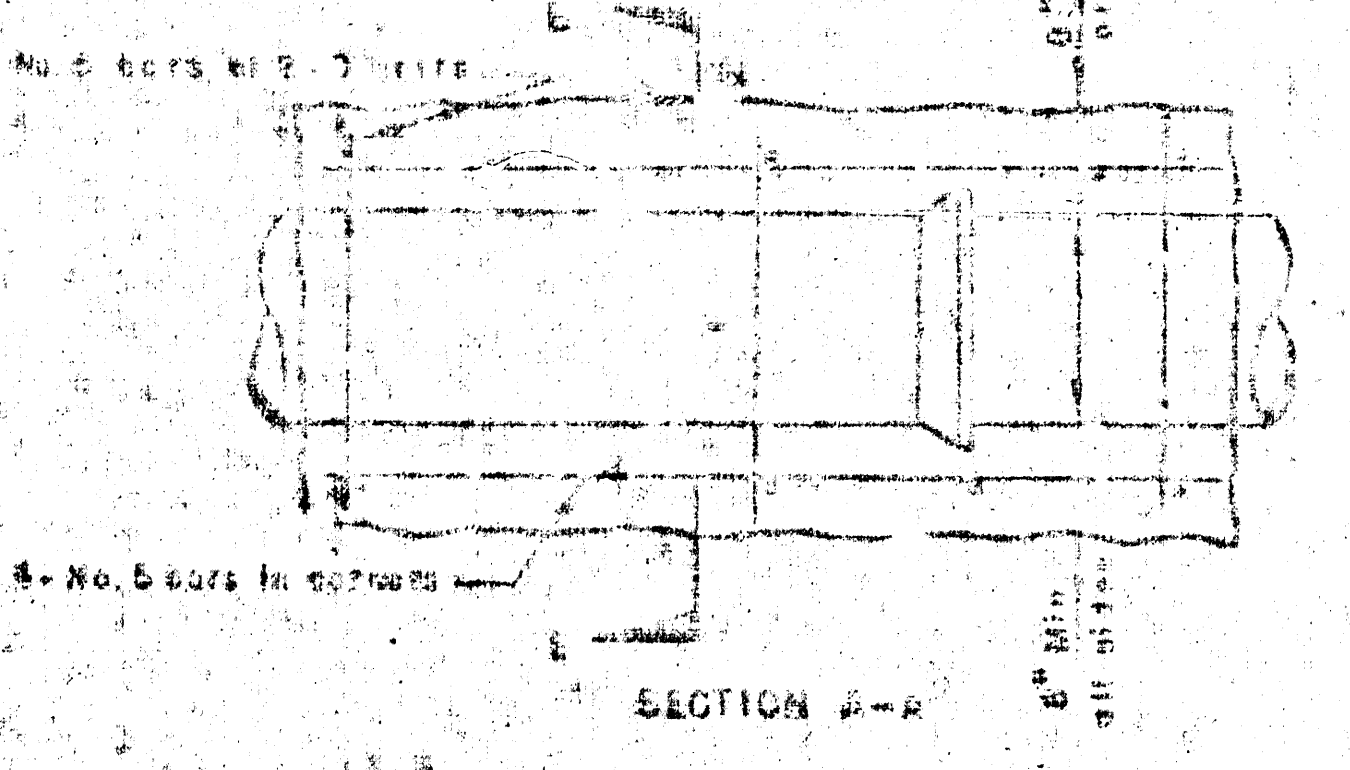
TOP VIEW
MANHOLE RING
WEIGHT 855 LBS.



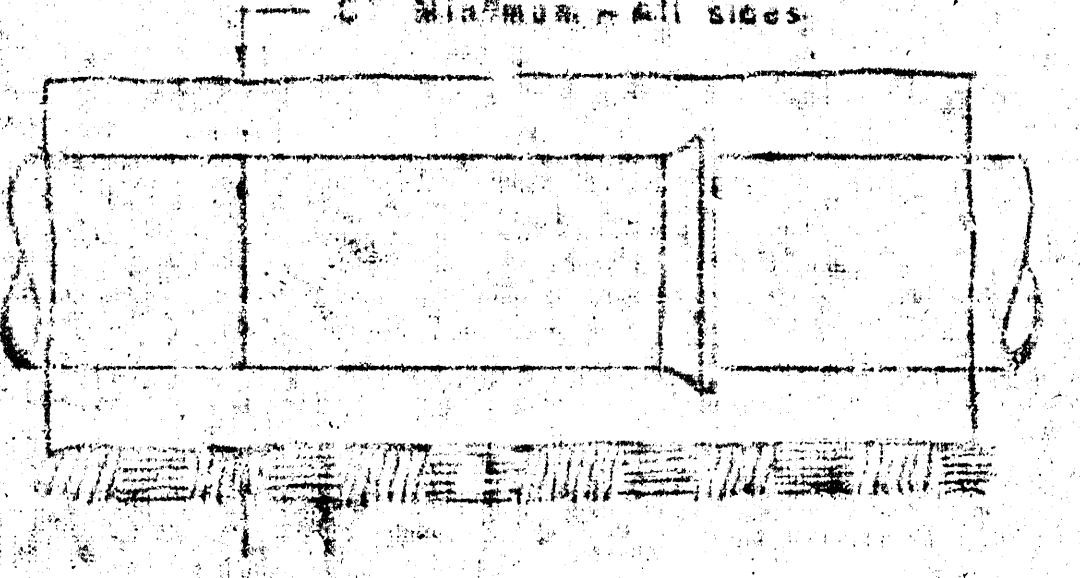
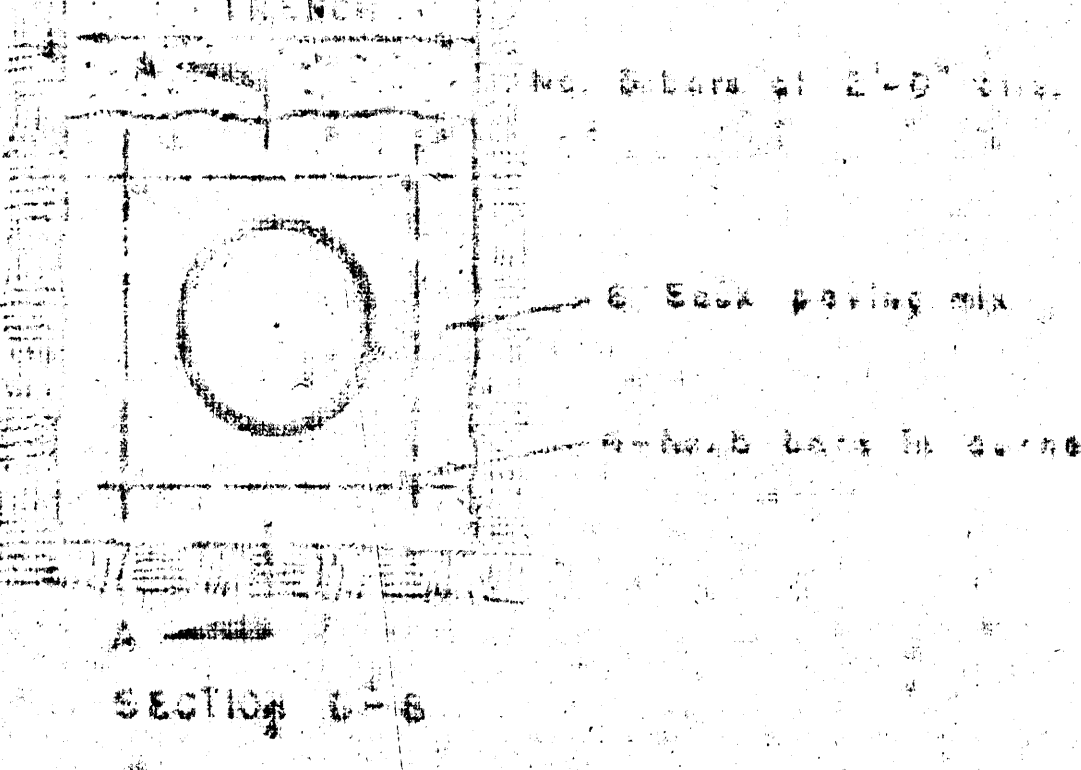
SECTION A-A
MANHOLE COVER



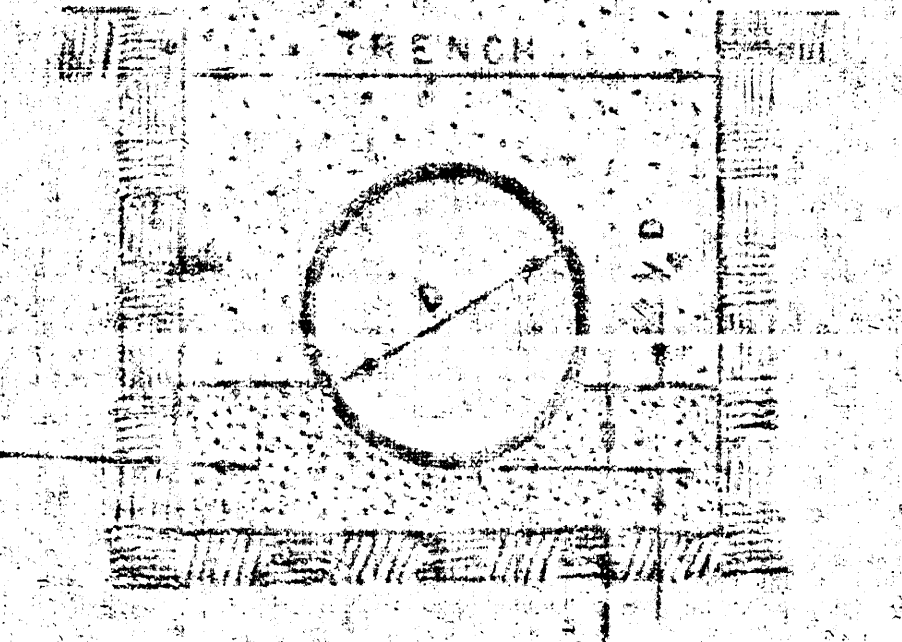
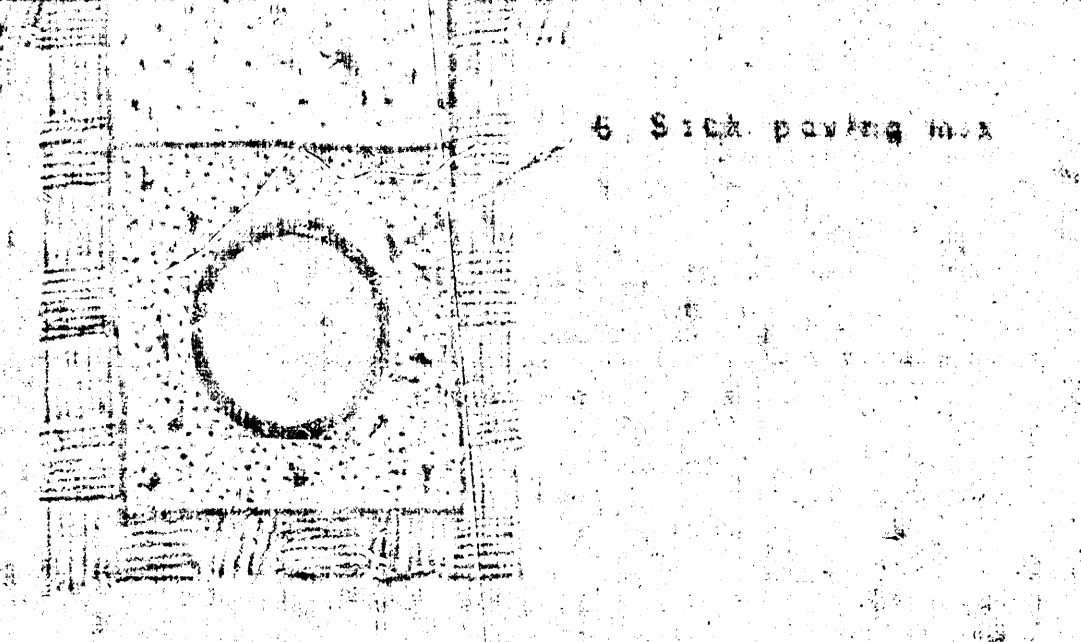
SIDE VIEW
MANHOLE COVER



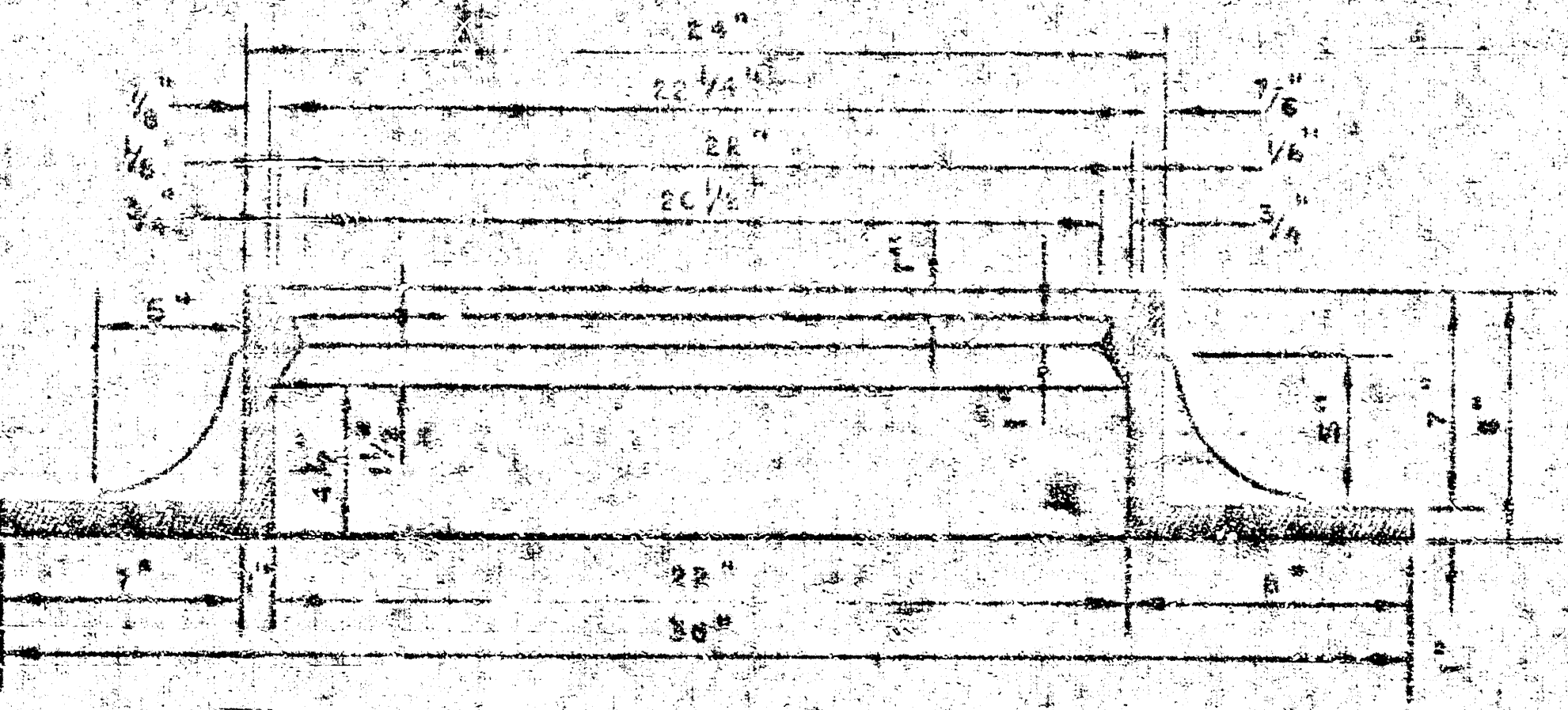
SECTION B-B
REINFORCED CONCRETE ENCASEMENT
FOR STRENGTH



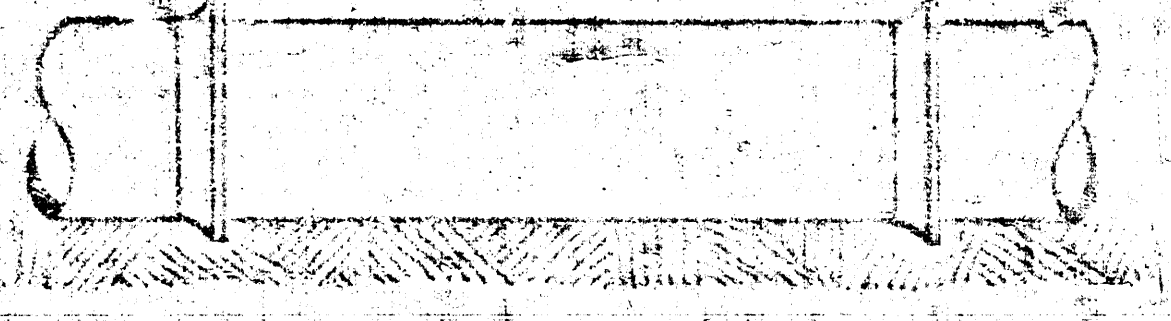
SECTION D-D
CONCRETE ENCASEMENT
FOR COVER



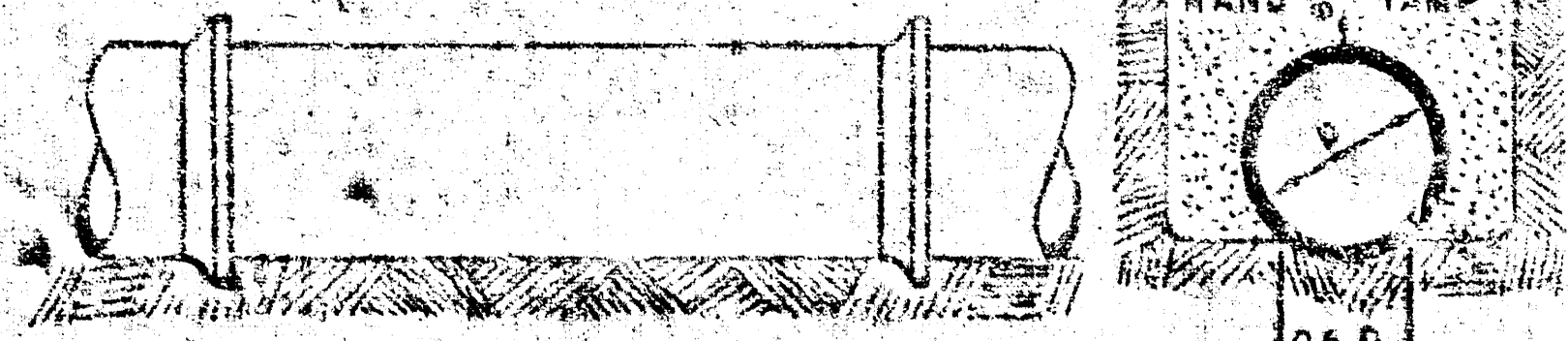
DETAIL OF CONCRETE CRADLE



SECTION
MANHOLE RING



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 LARGER THAN 24" SHALL BE 5' DIAMETER UNLESS OTHERWISE SPECIFIED ON PLAN. ALL M.H.'s WITH PIPES 24" & SMALLER SHALL BE 4' DIA.

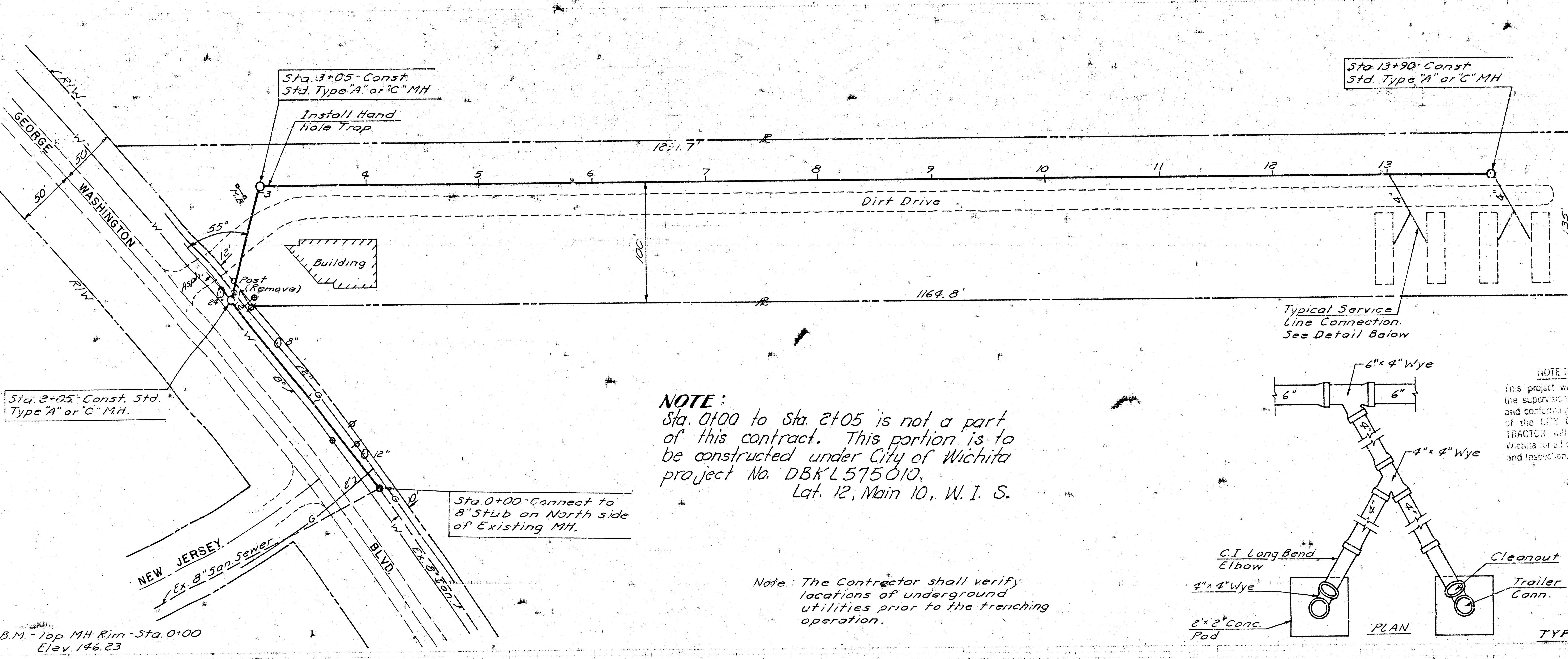
OUTSIDE CIRCUMFERENCE OF COVER AND THE INNER FACE OF RING TO BE MACHINE FIT.

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

2-25-75

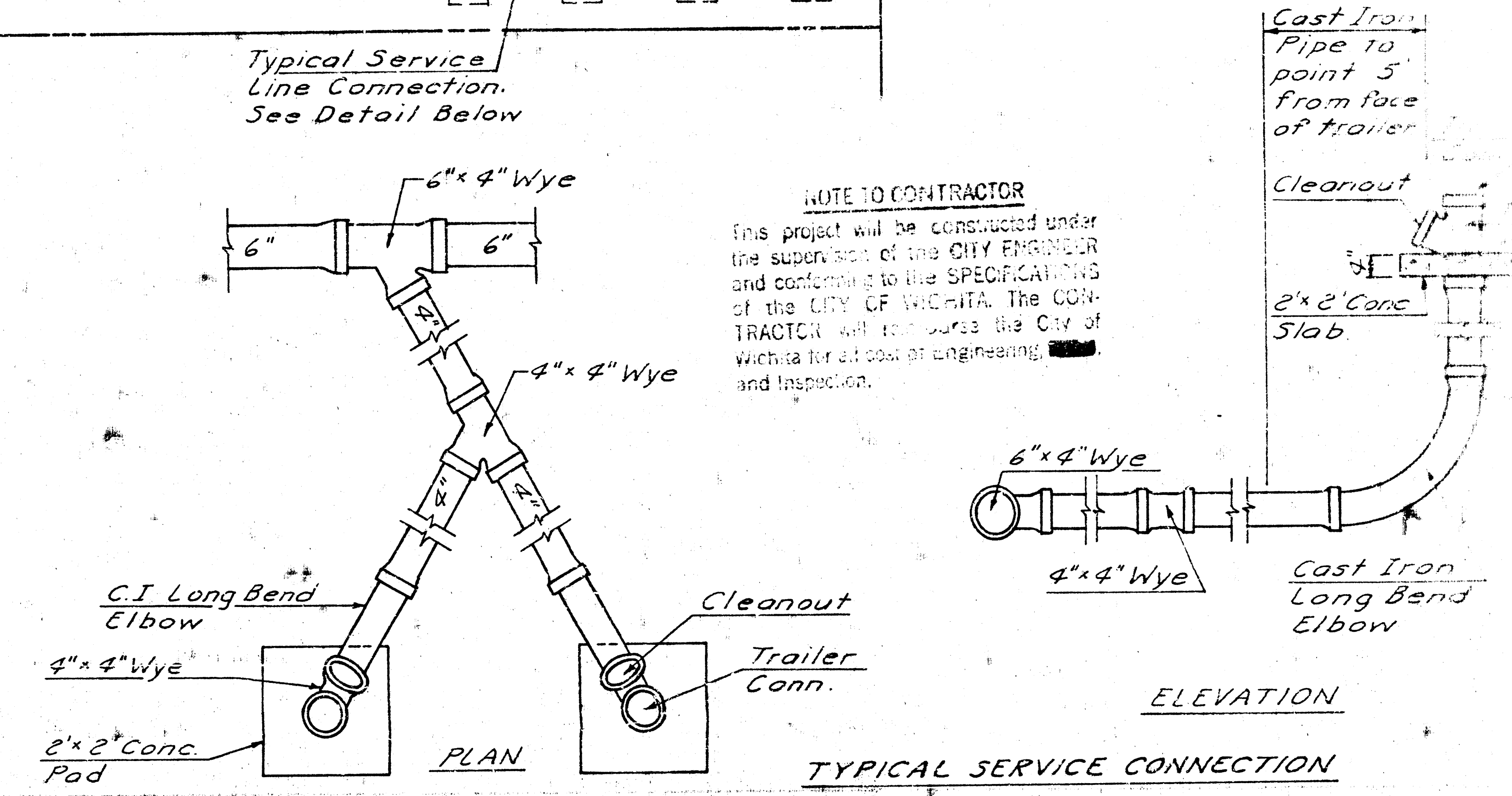
APPROVED AS NOTED
By CITY ENGINEER
Sanitary Sewers 6" 48" D.E.
Storm Sewers
Driveway Approaches

Scale: 1" = 50'



NOTE:
Sta. 0+00 to Sta. 2+05 is not a part of this contract. This portion is to be constructed under City of Wichita project No. DBKL575010, Lat. 12, Main 10, W. I. S.

Note: The Contractor shall verify locations of underground utilities prior to the trenching operation.



B.M. - Top MH Rim - Sta. 0+00
Elev. 146.23

