

LATERAL 6, MAIN 20, WAR INDUSTRIES SEWER

SANITARY SEWER IMPROVEMENTS

FOR

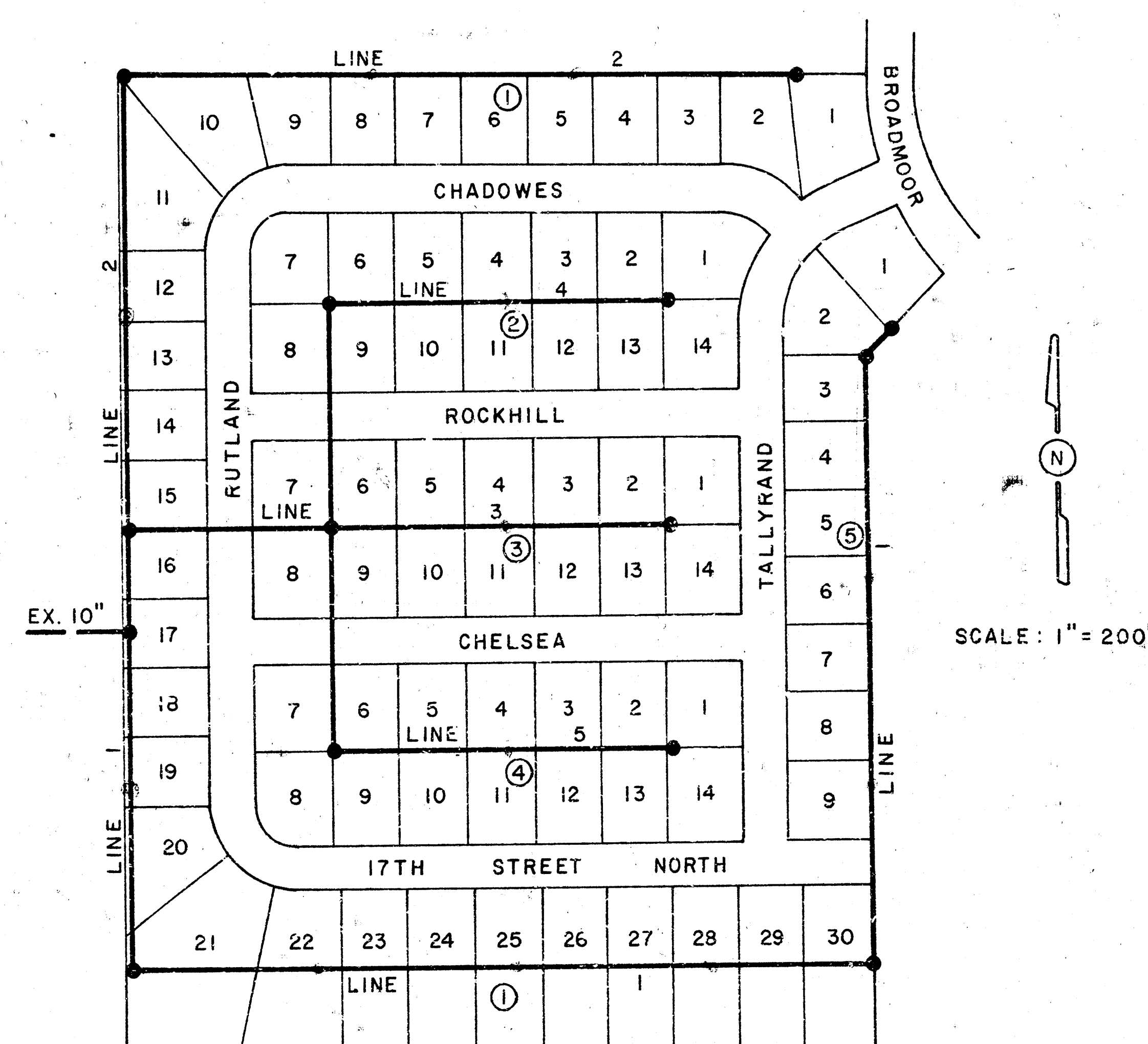
CHELSEA ESTATES

WICHITA, KANSAS

1977

CITY PROJECT NO. DBKL 577060

R. W. LINN - CITY ENGINEER

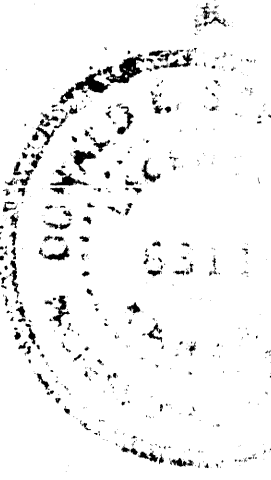


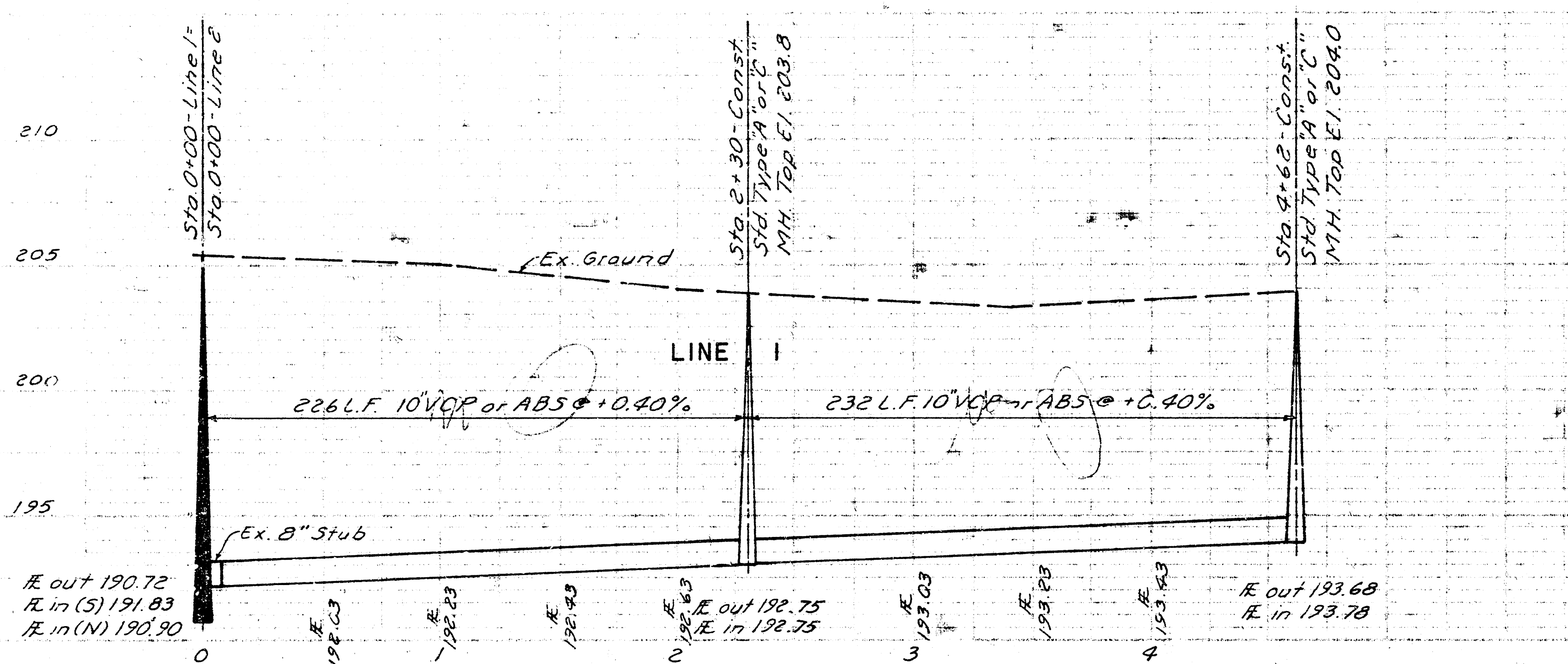
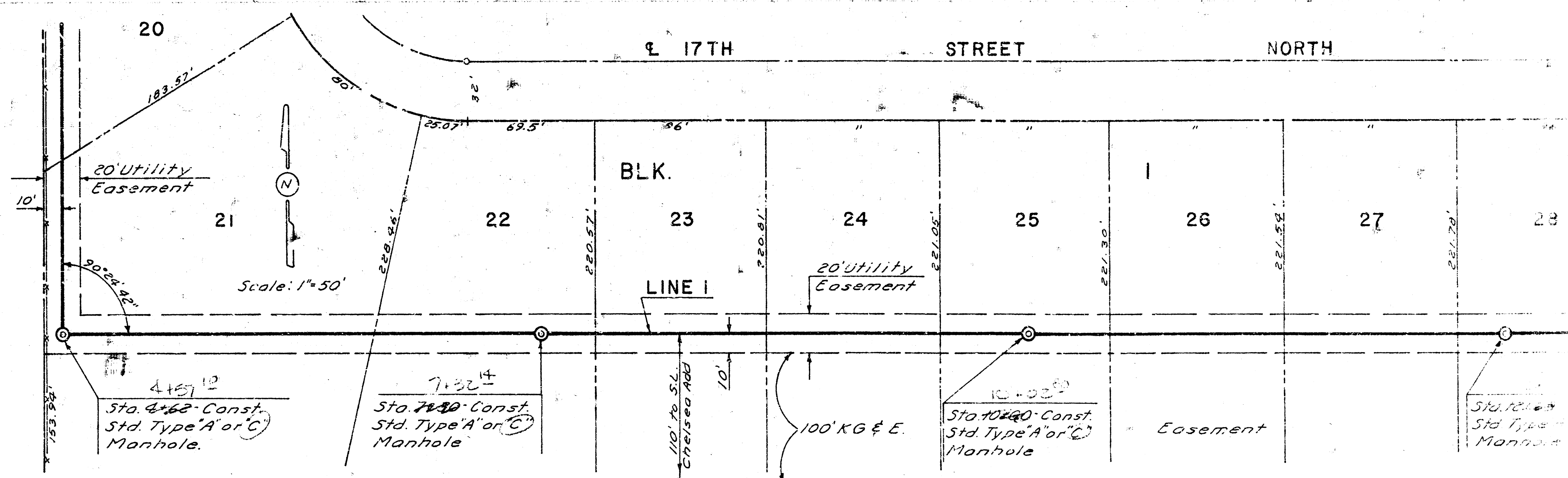
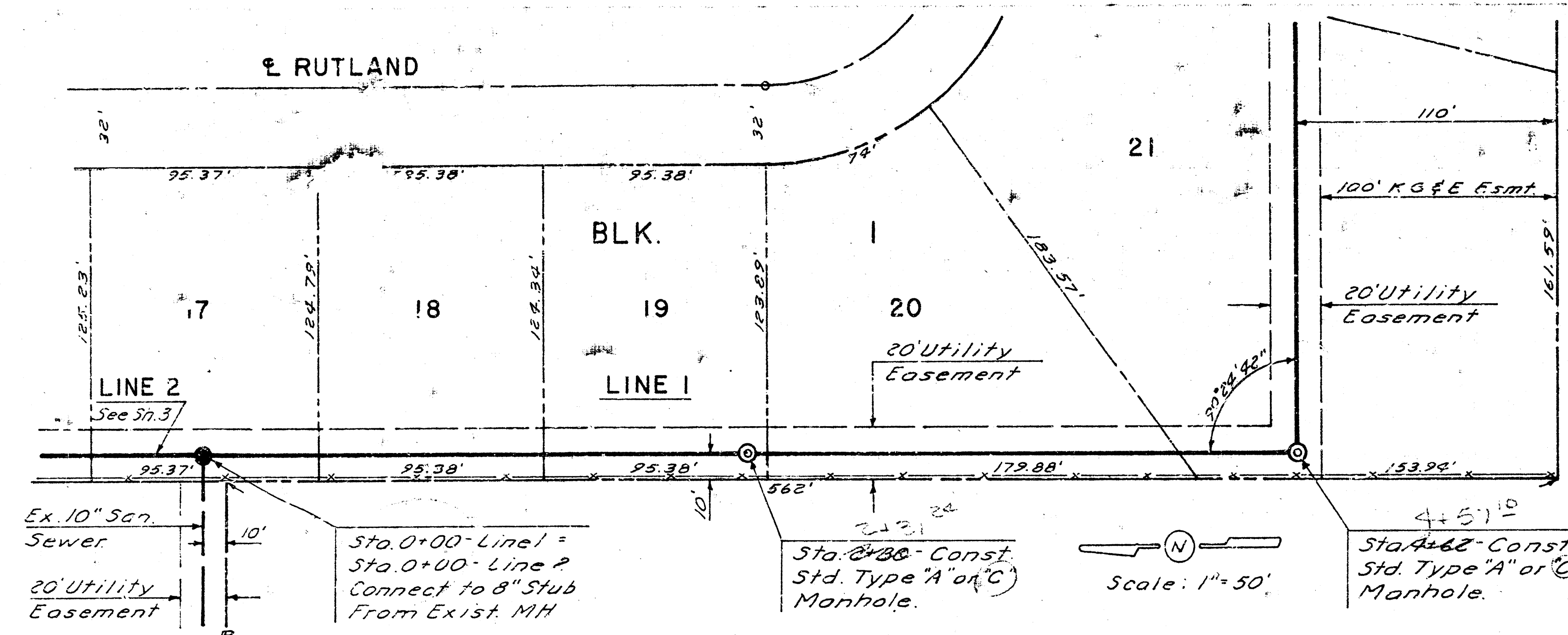
LOCATION MAP

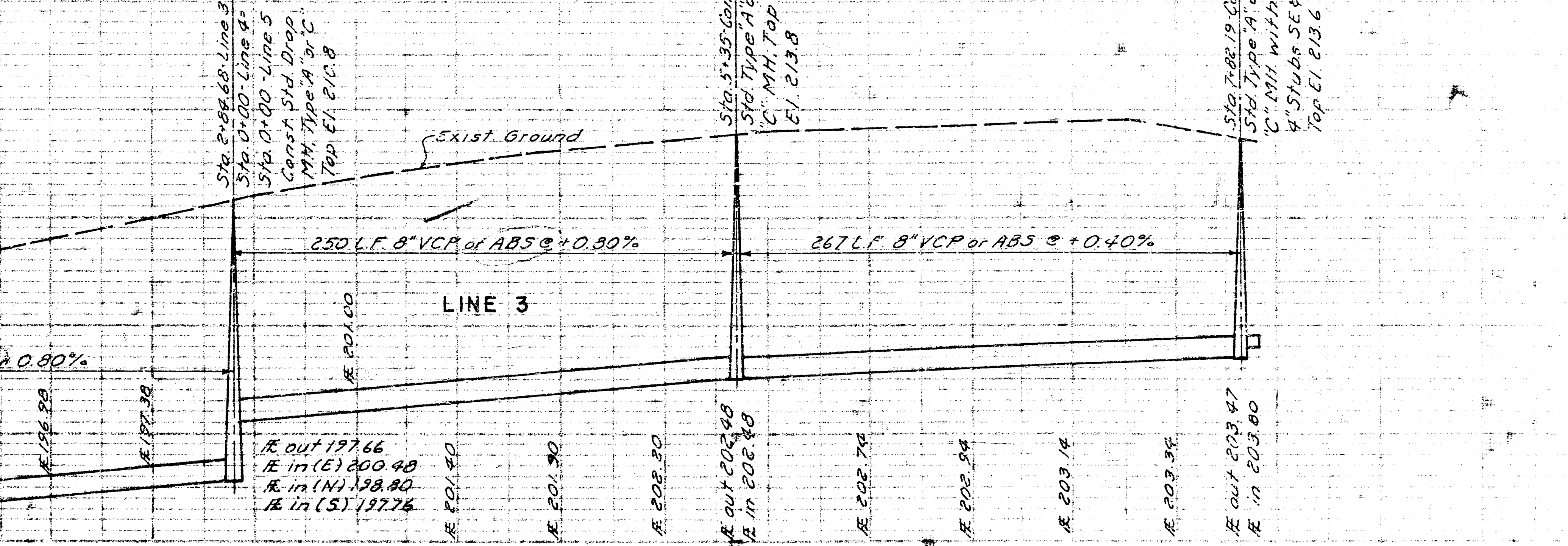
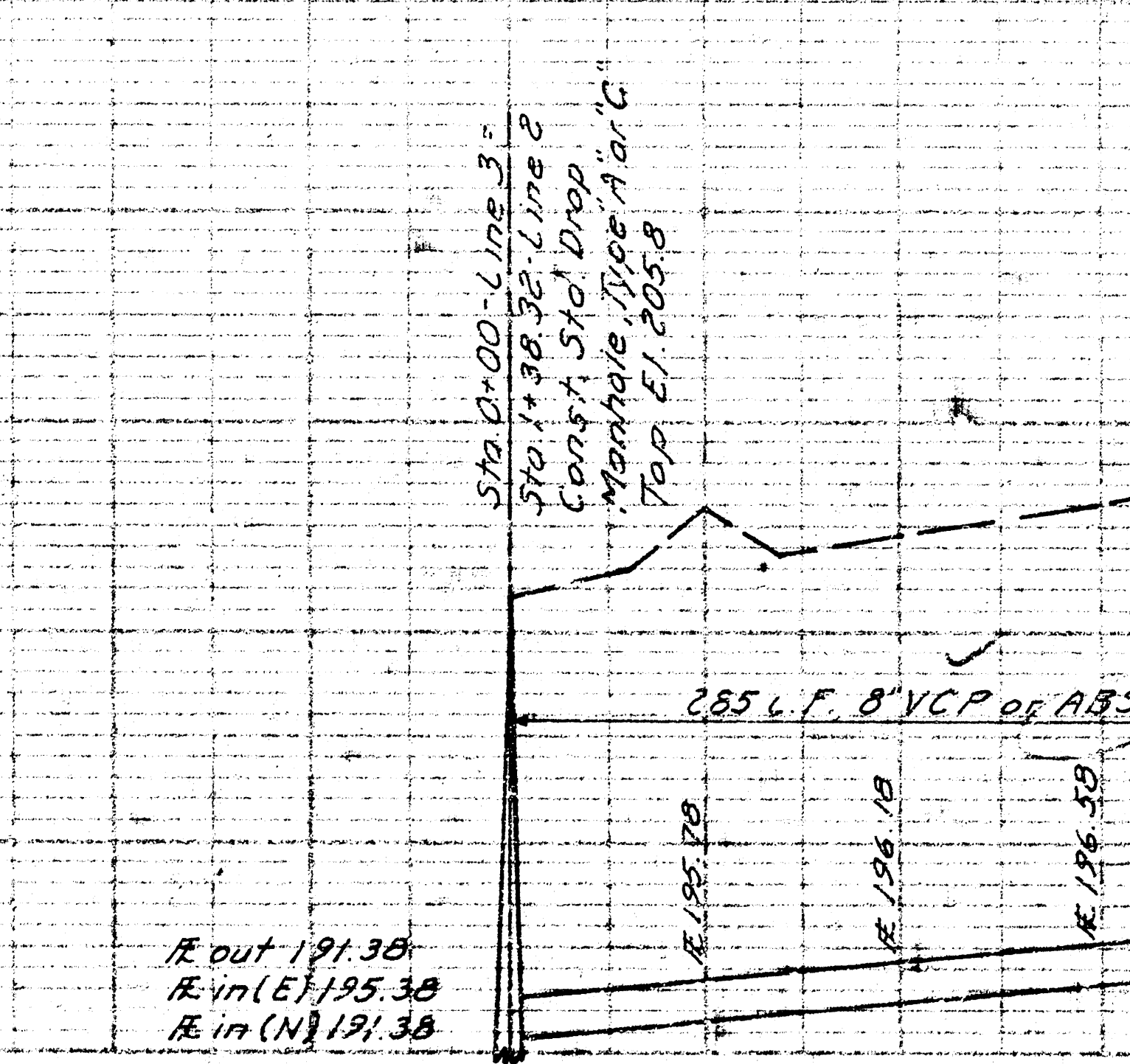
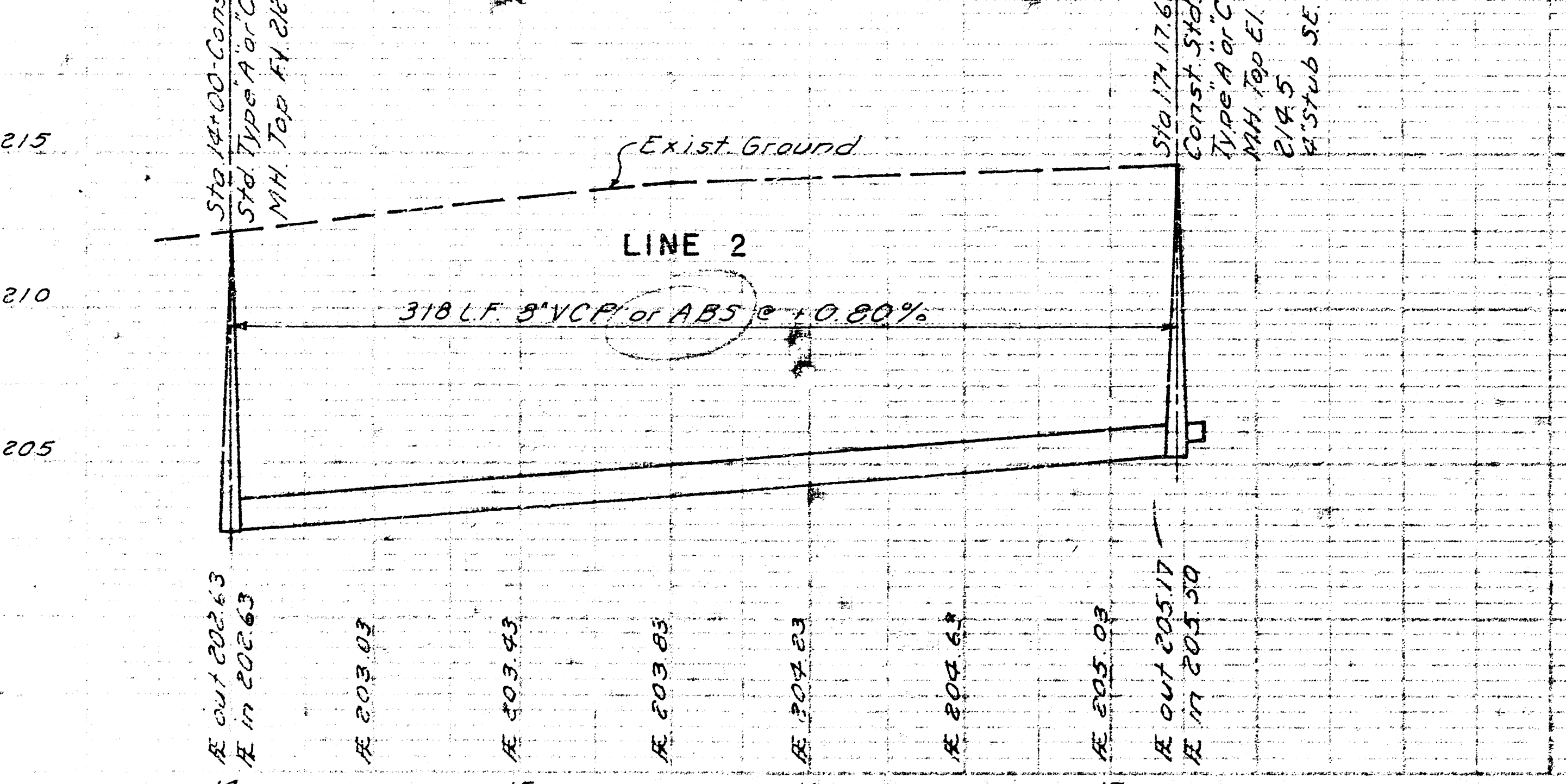
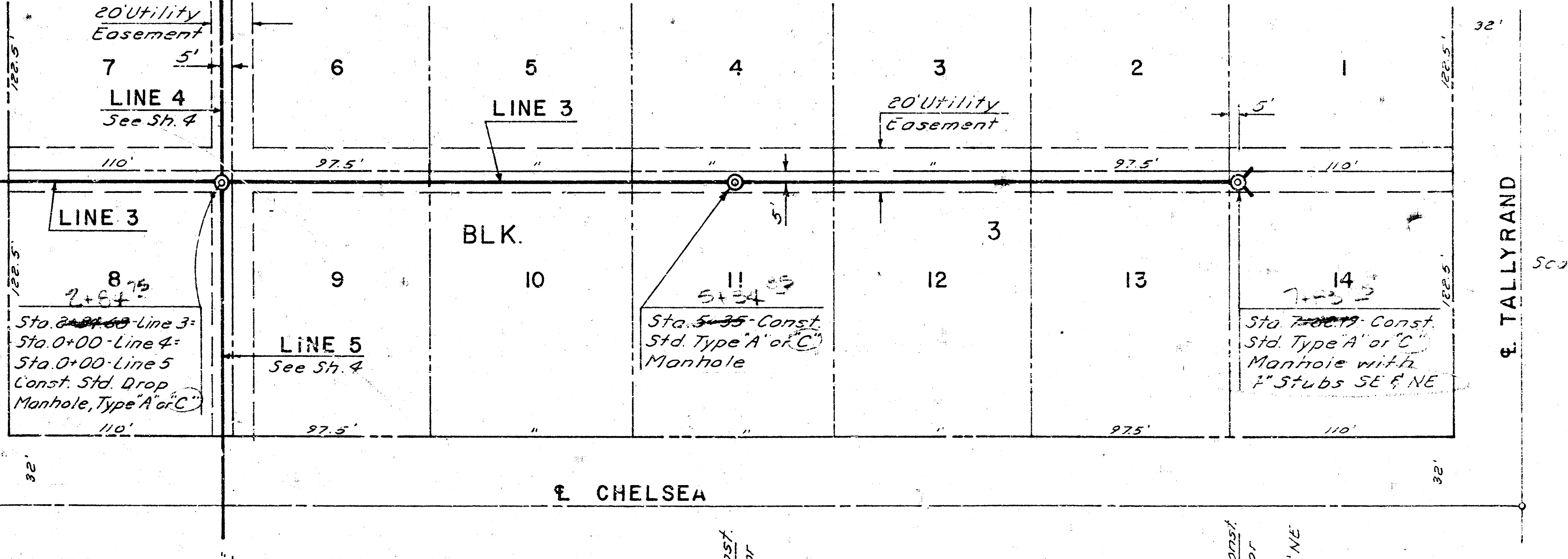
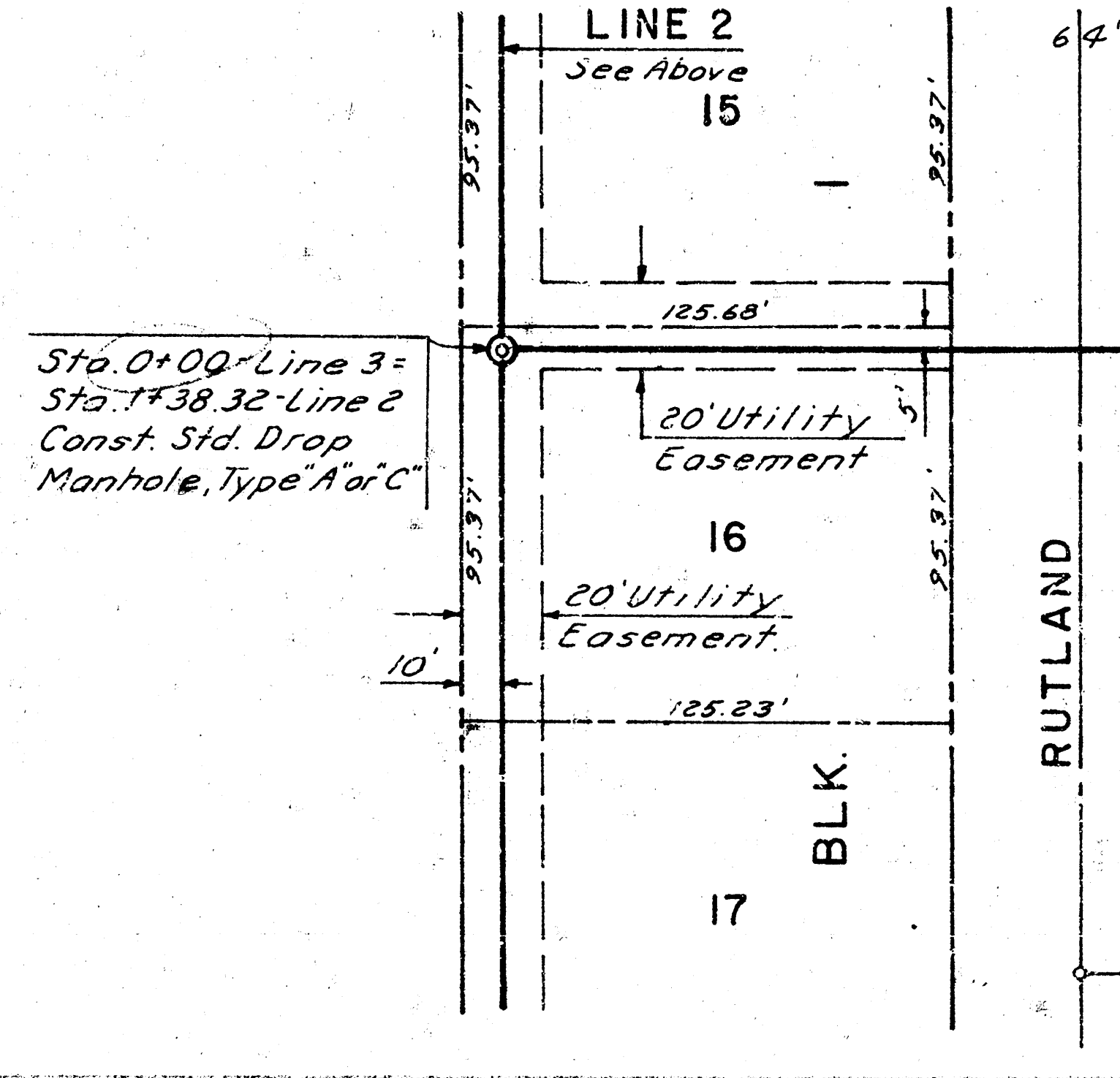
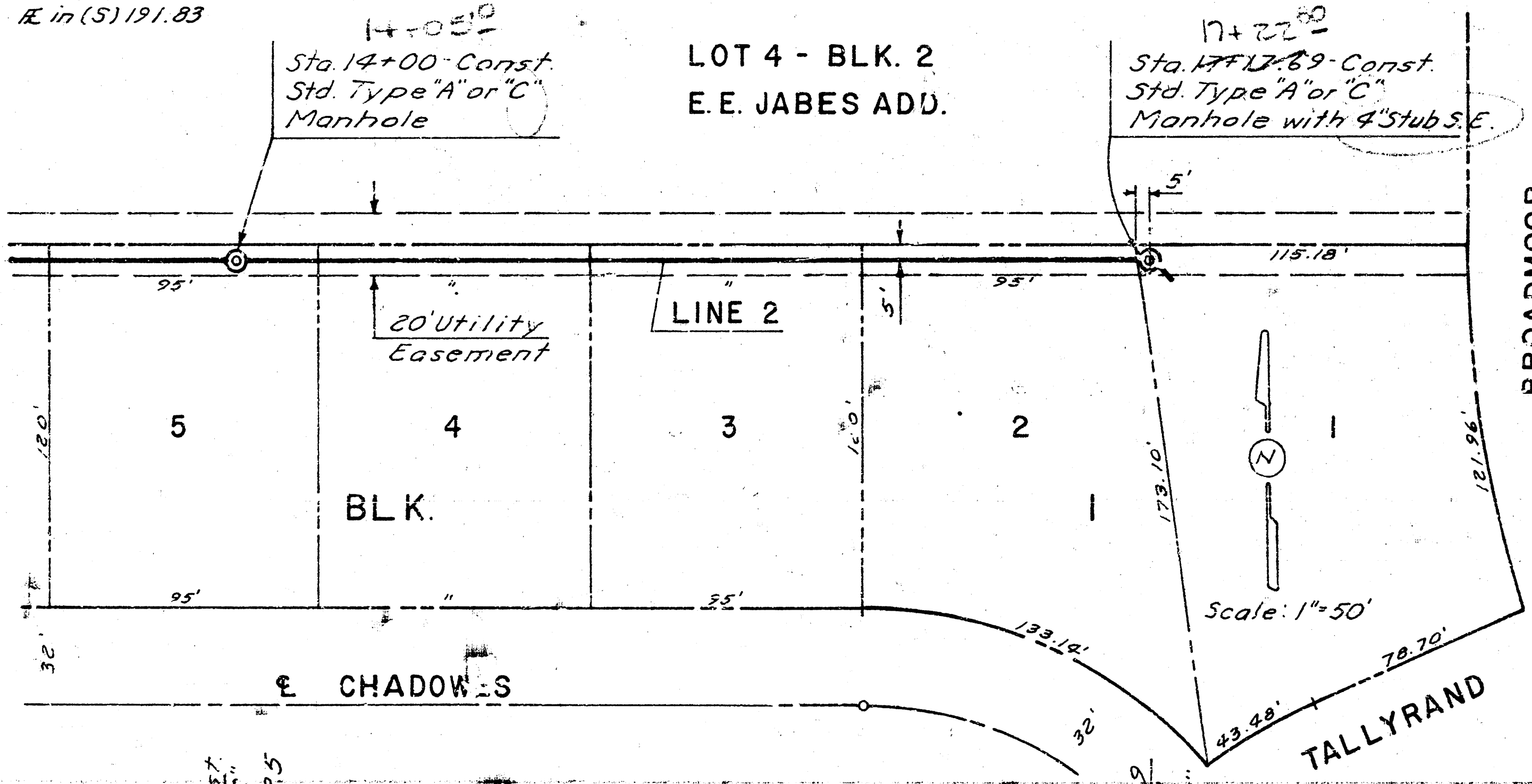
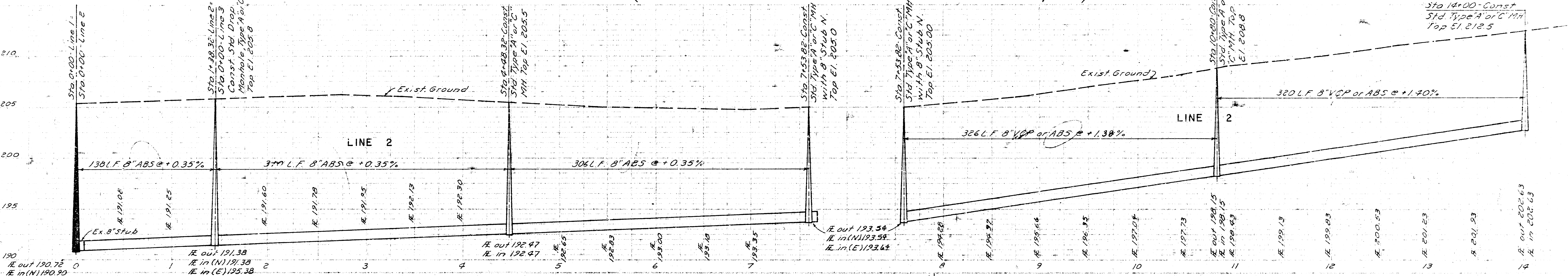
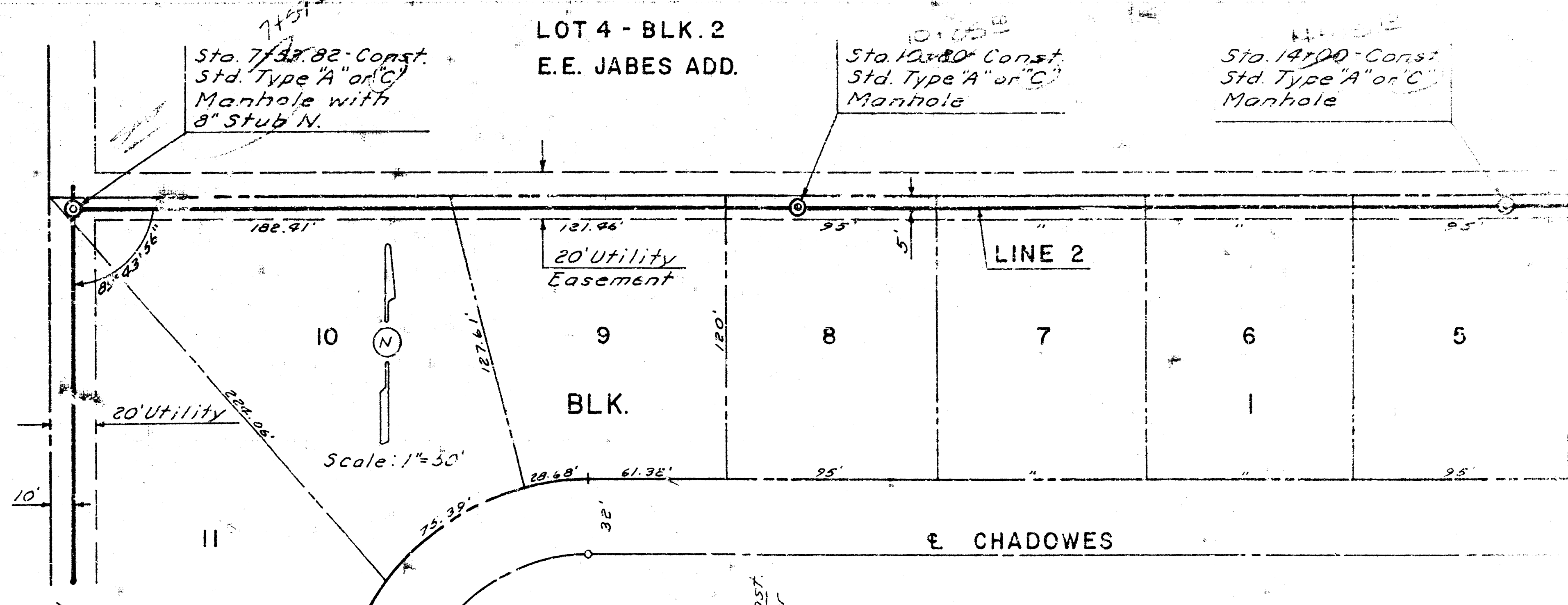
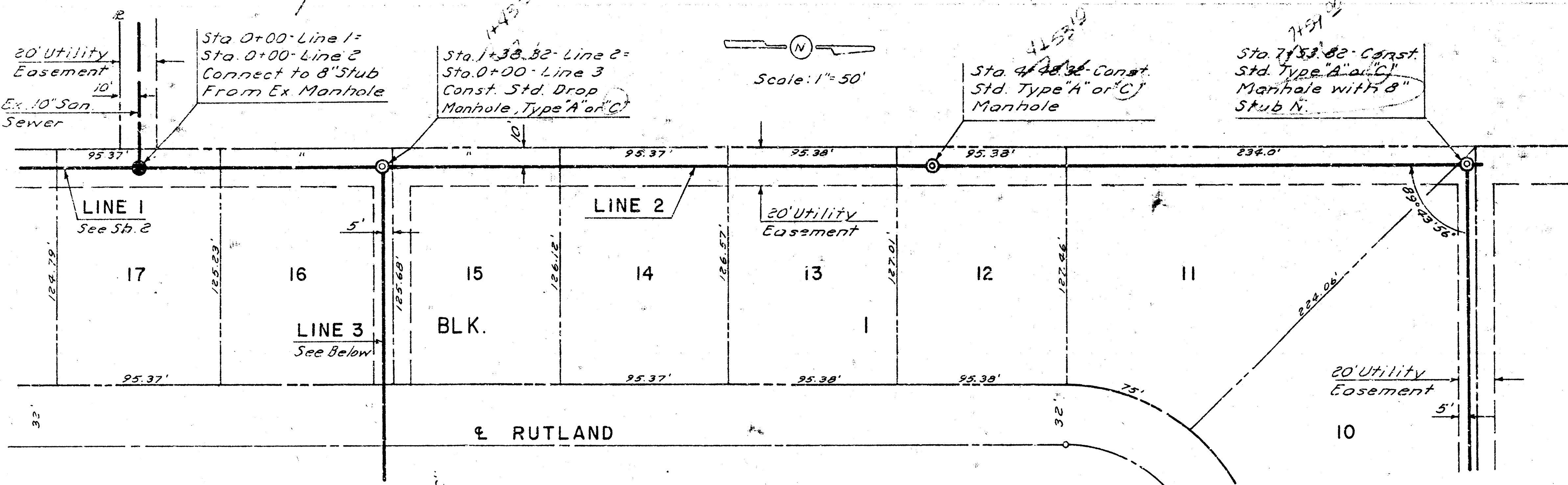
INDEX TO DRAWINGS

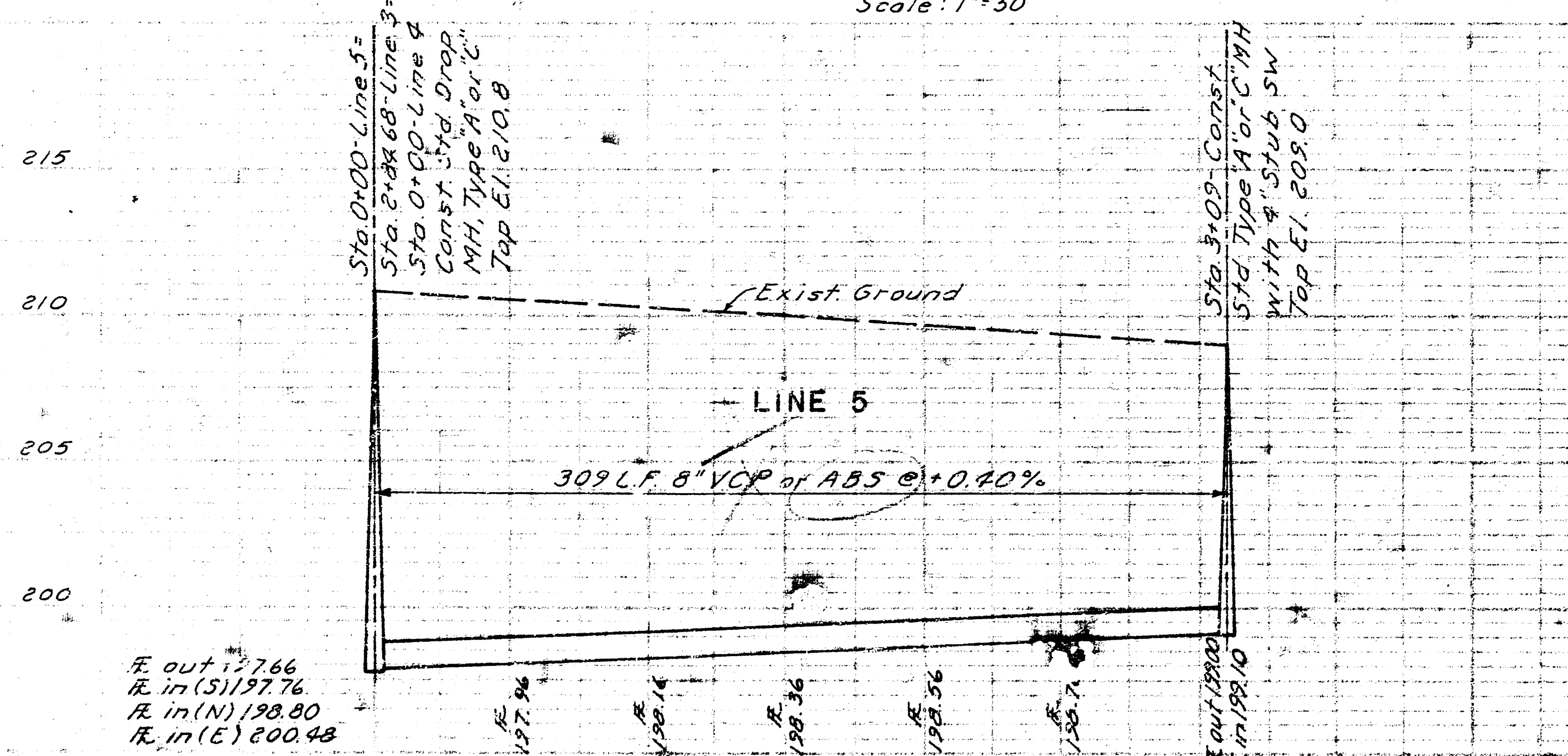
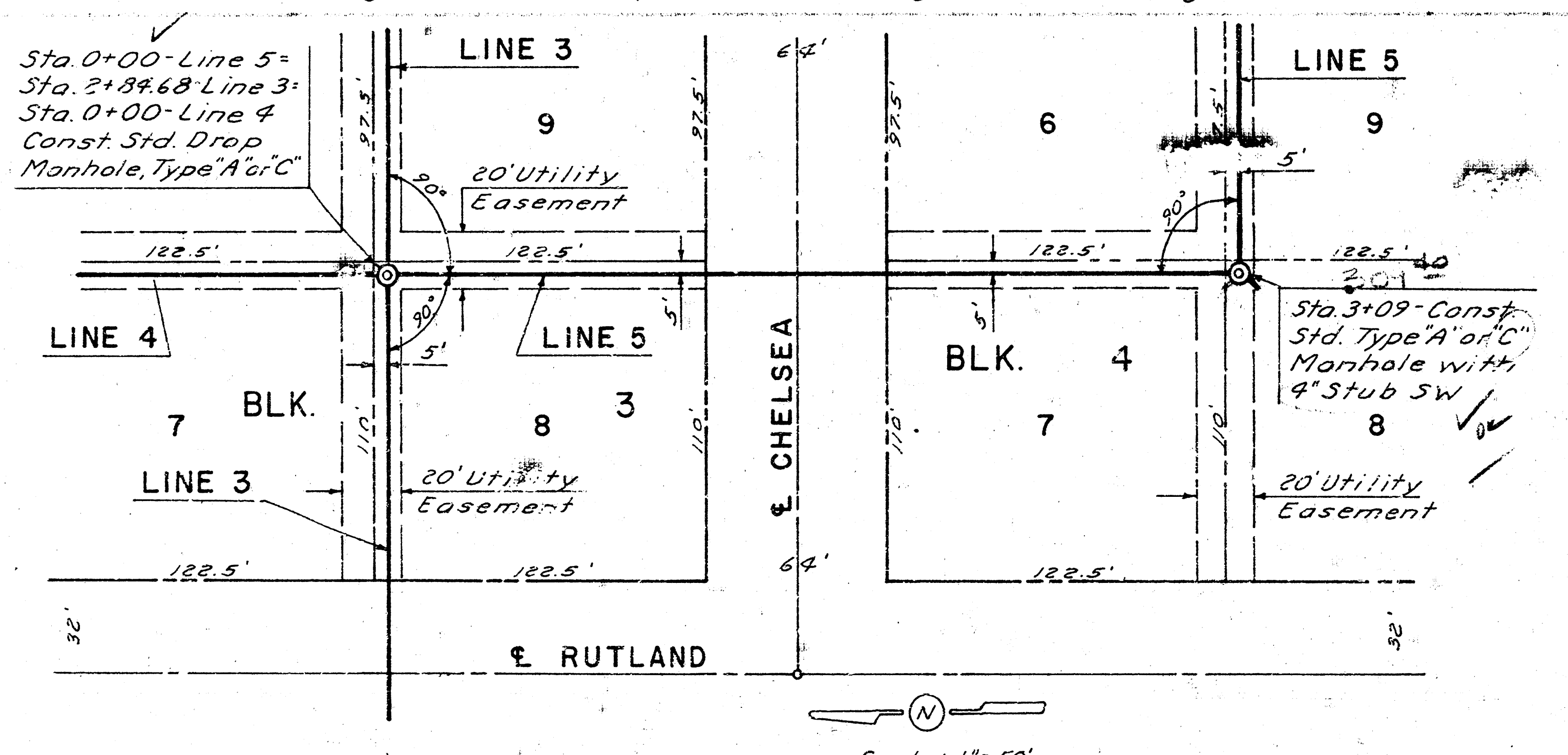
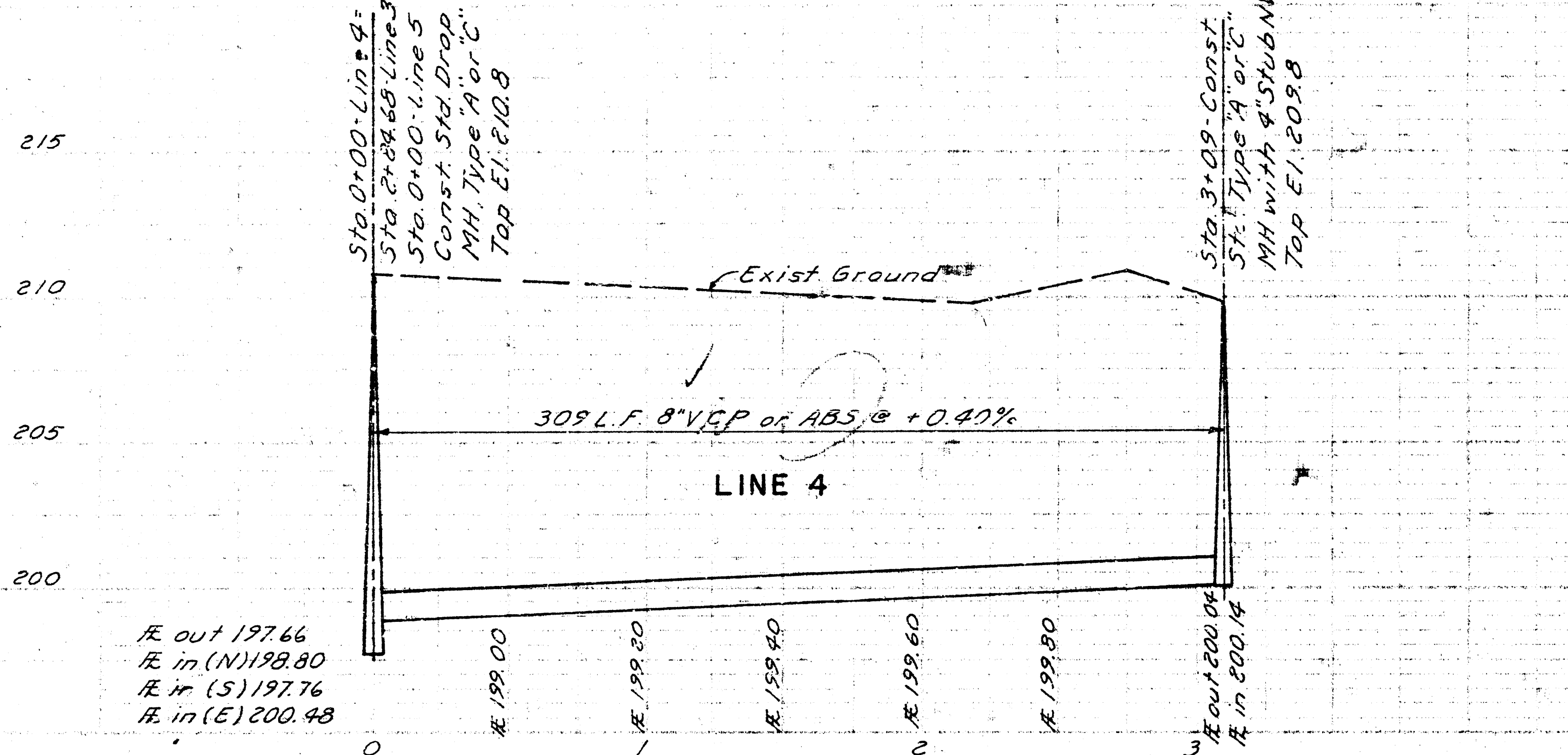
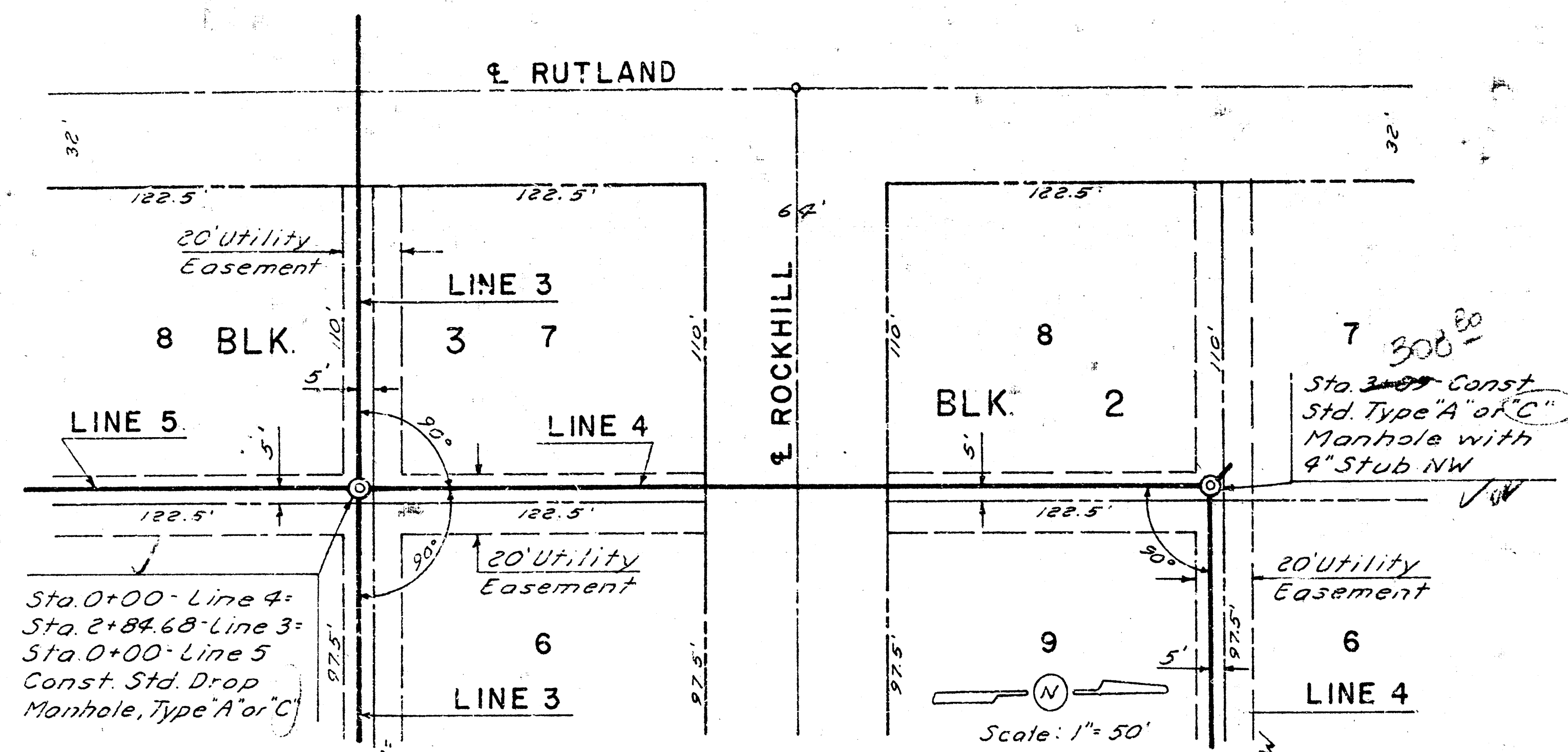
SH. NO.

- 1 TITLE SHEET
- 2 LINE 1 - PLAN PROFILE
- 3 LINE 2 - PLAN PROFILE
- 3 LINE 3 - PLAN PROFILE
- 4 LINE 4 - PLAN PROFILE
- 4 LINE 5 - PLAN PROFILE
- 5-6 MANHOLE DETAILS









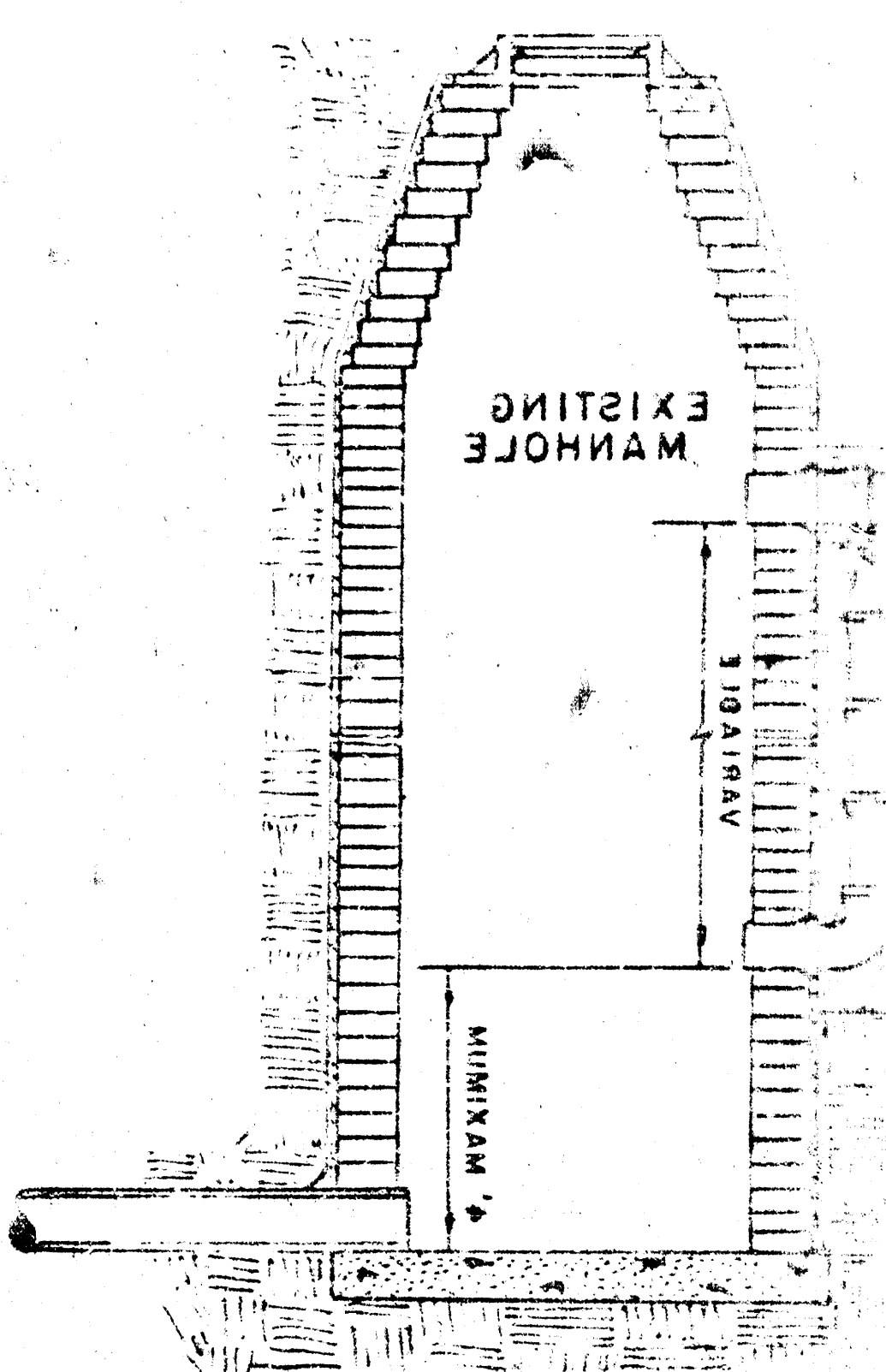
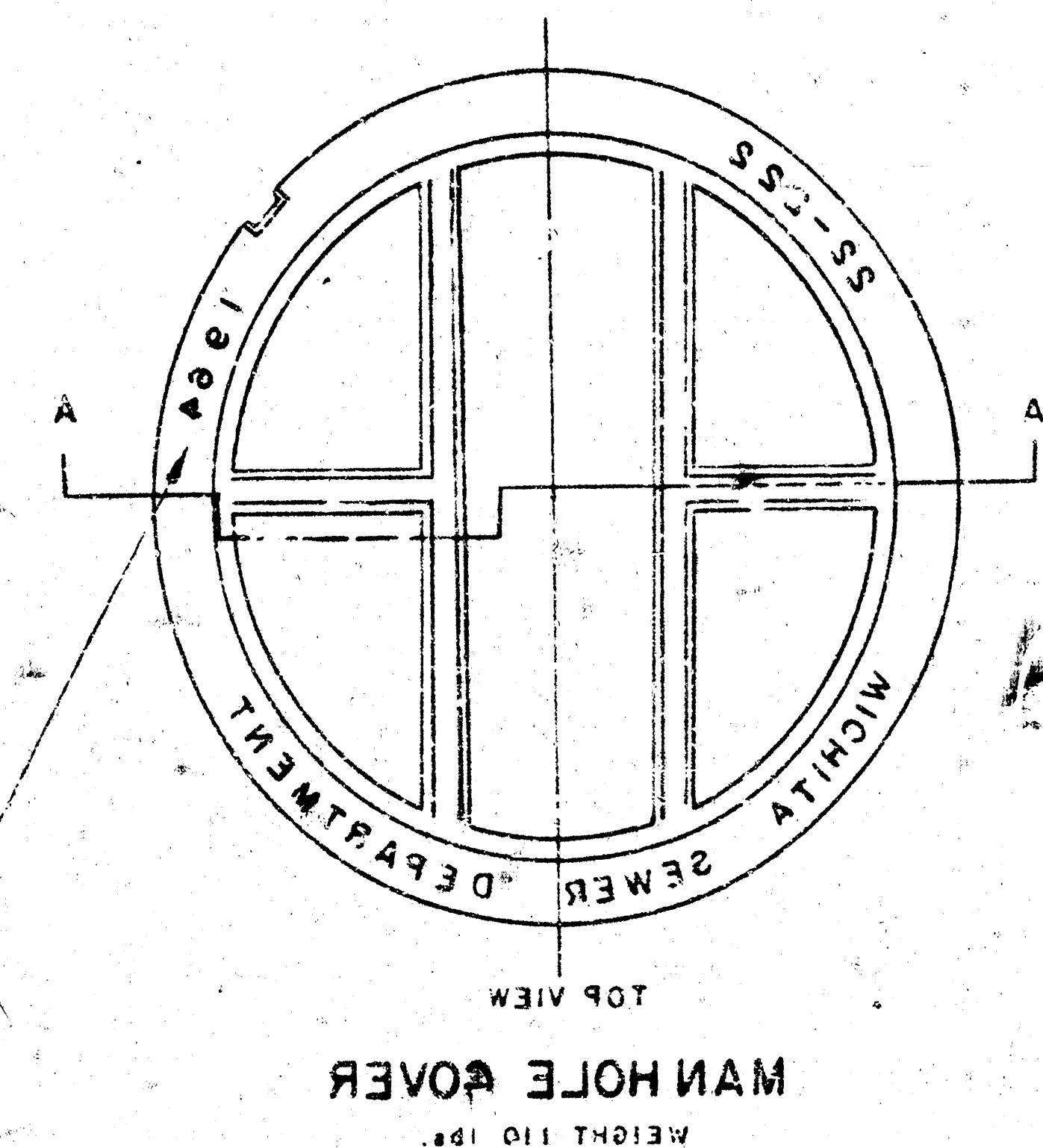
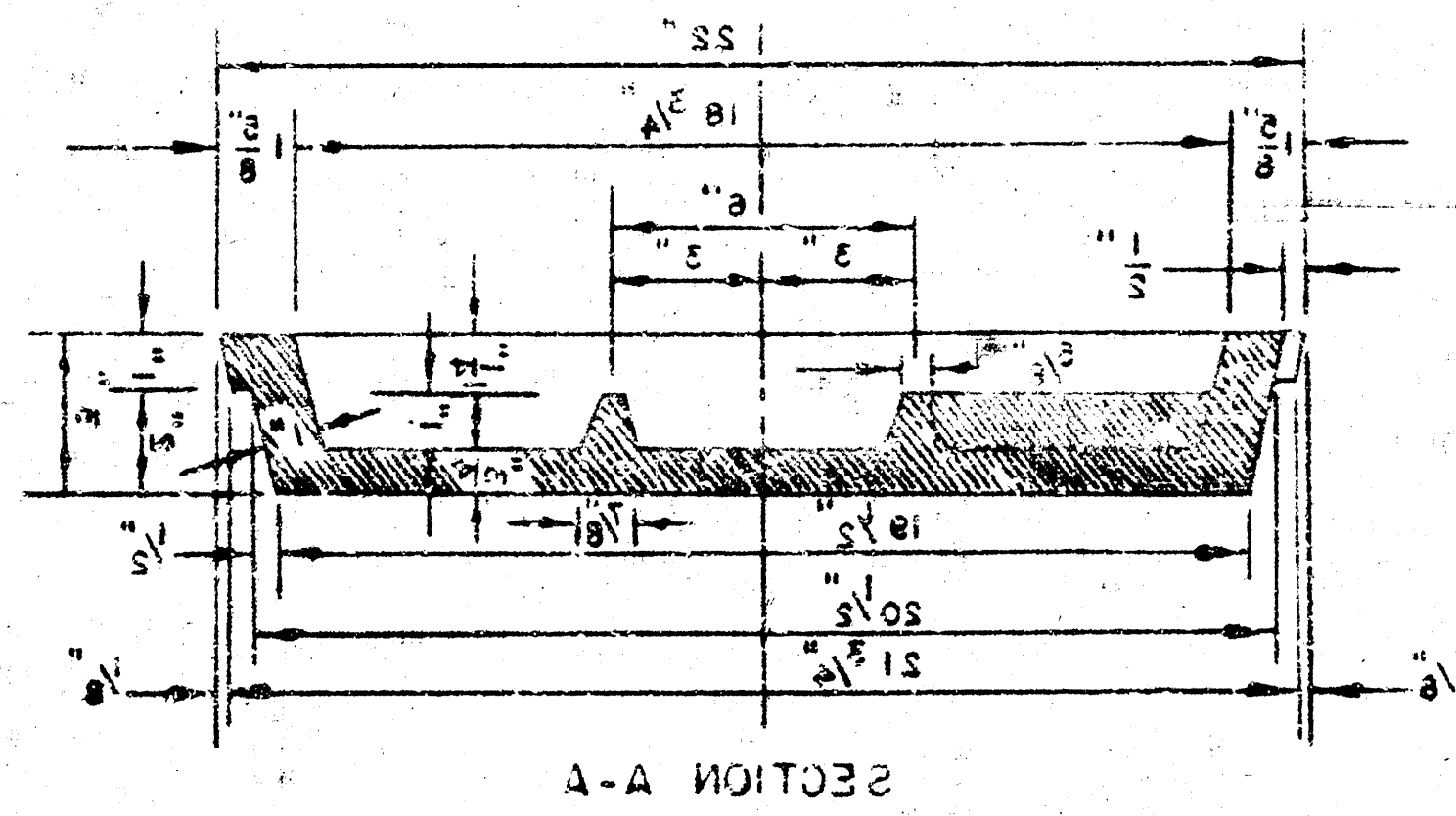
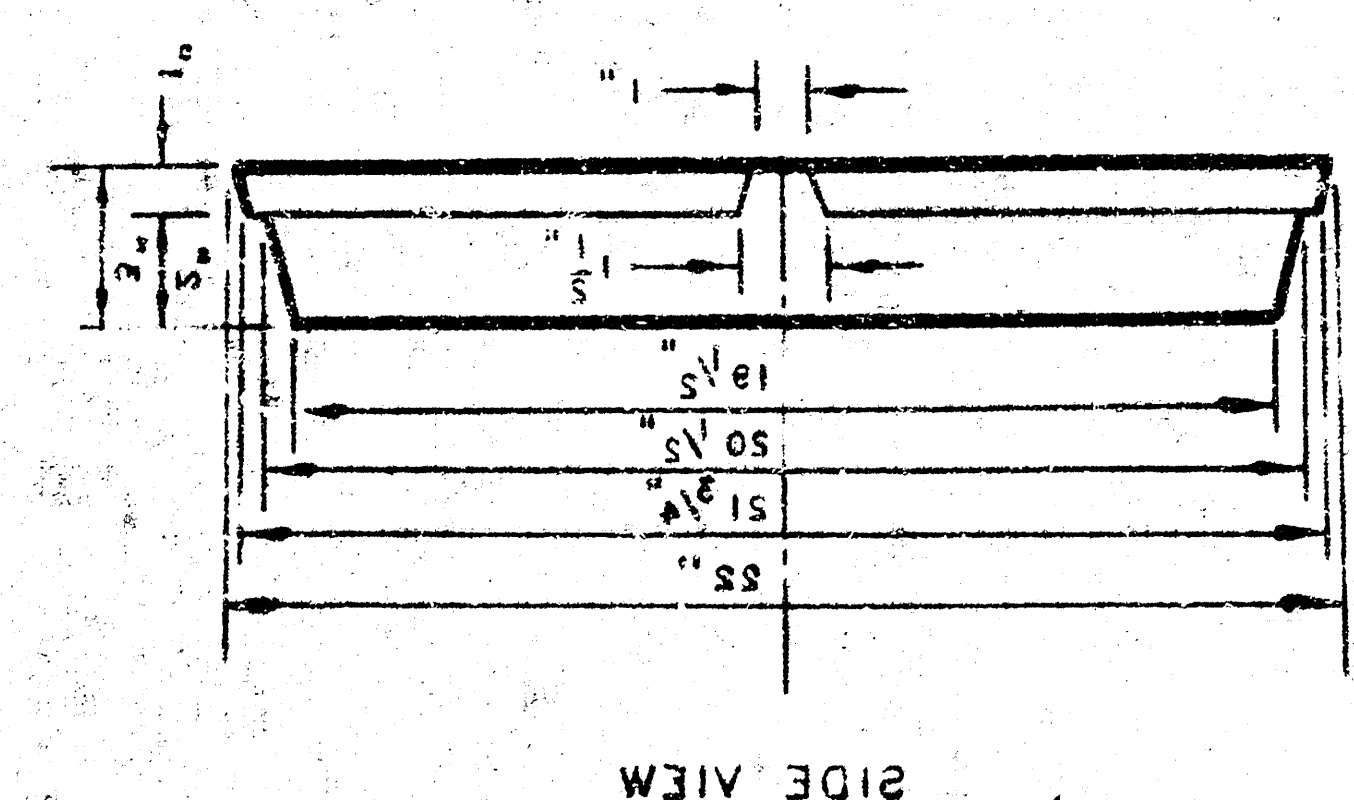
MANHOLES

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.

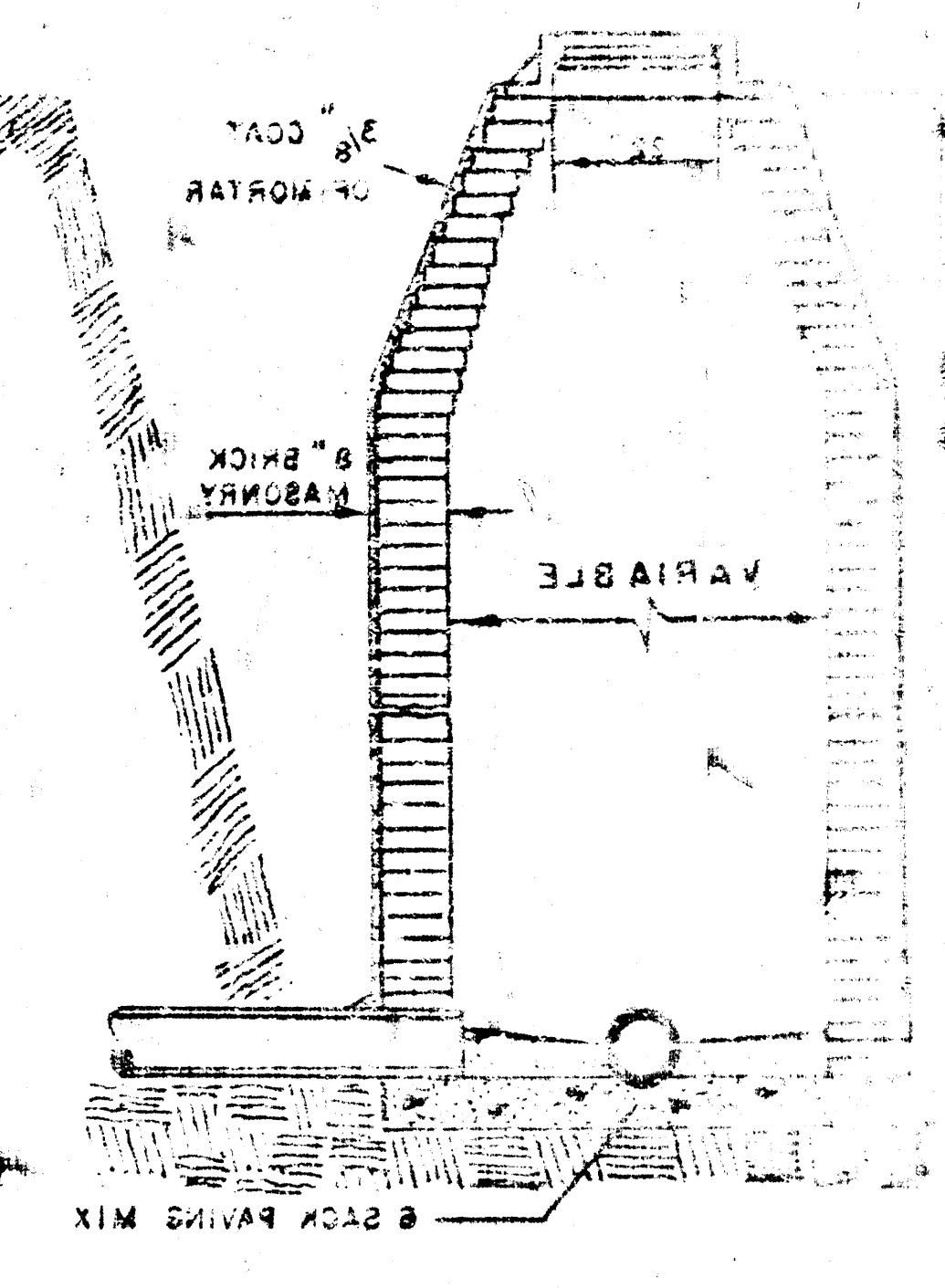
SINGLE DOUBLE OUTSIDE DROP MANHOLES SHALL BE BID AT ONE PRICE AS OUTSIDE DROP MANHOLES.

ALL MANHOLES WITH PIPES LARGER THAN 24" SHALL BE 2' DIAMETER UNLESS OTHERWISE SPECIFIED ON PLAN. ALL M.H.'S WITH PIPES 24" & SMALLER SHALL BE 4' DIA.

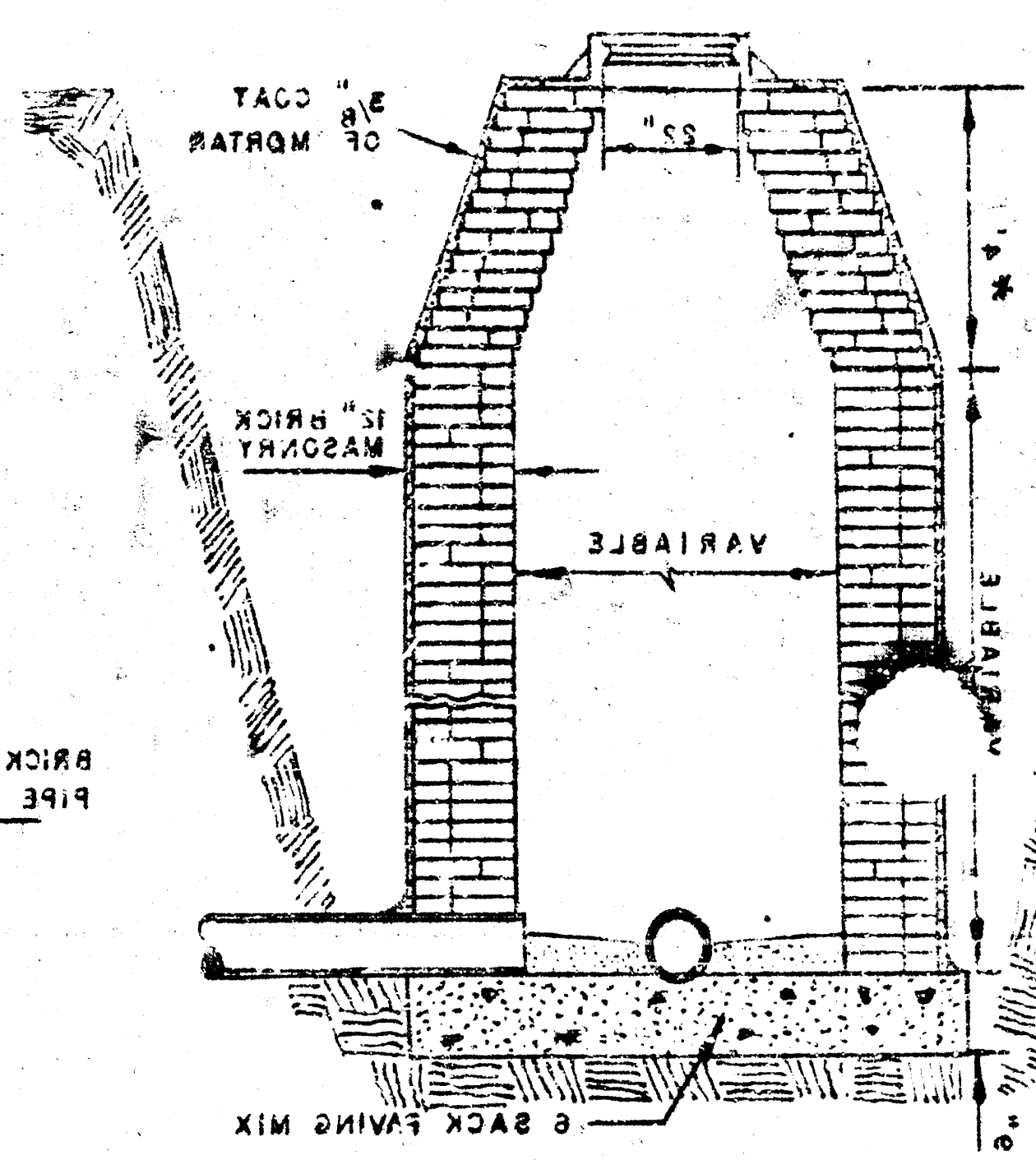


DETAIL OF DROP STACK
EXISTING MANHOLES IN GROUND WATER

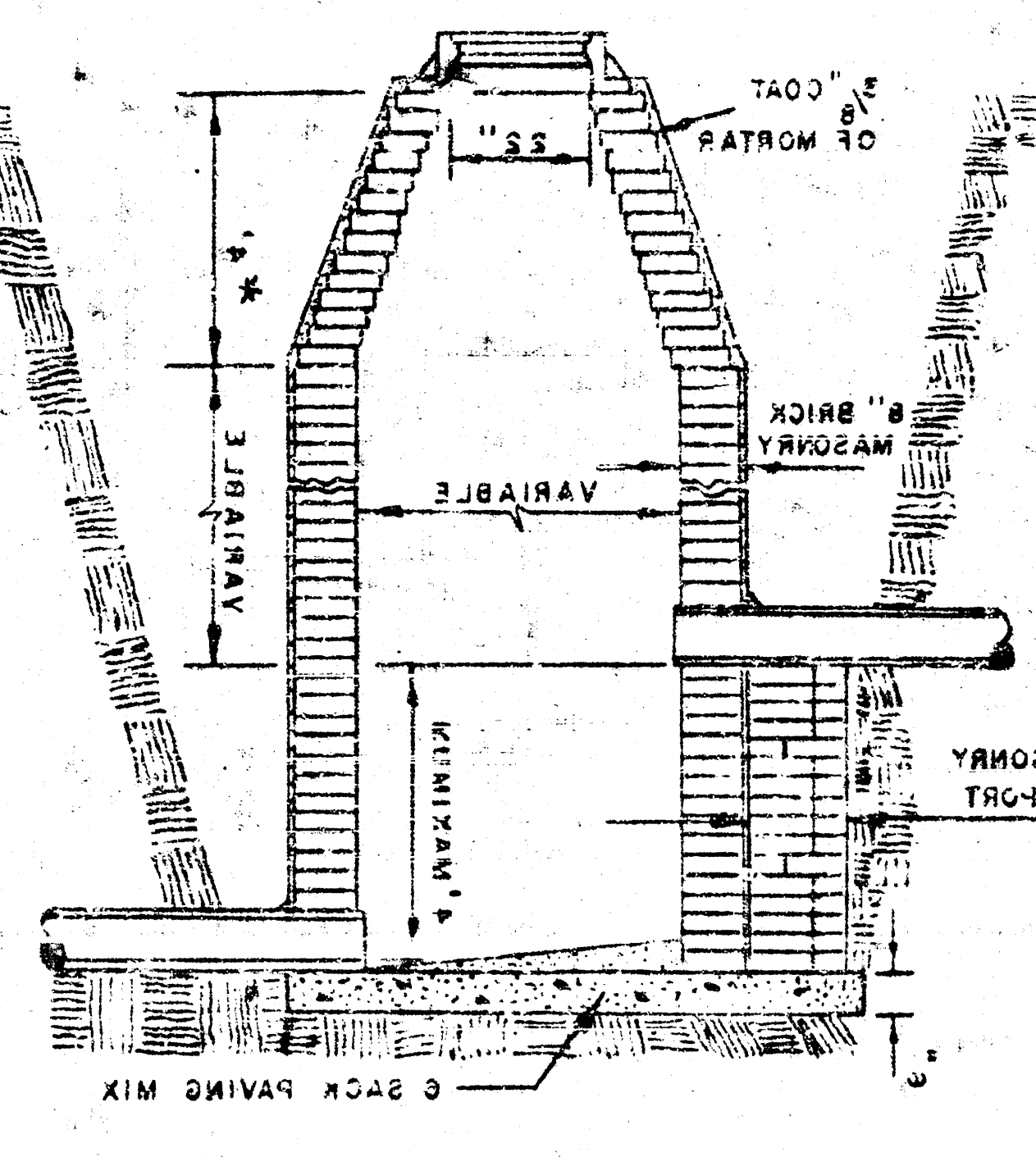
STANDARD MANHOLE TYPE "A"



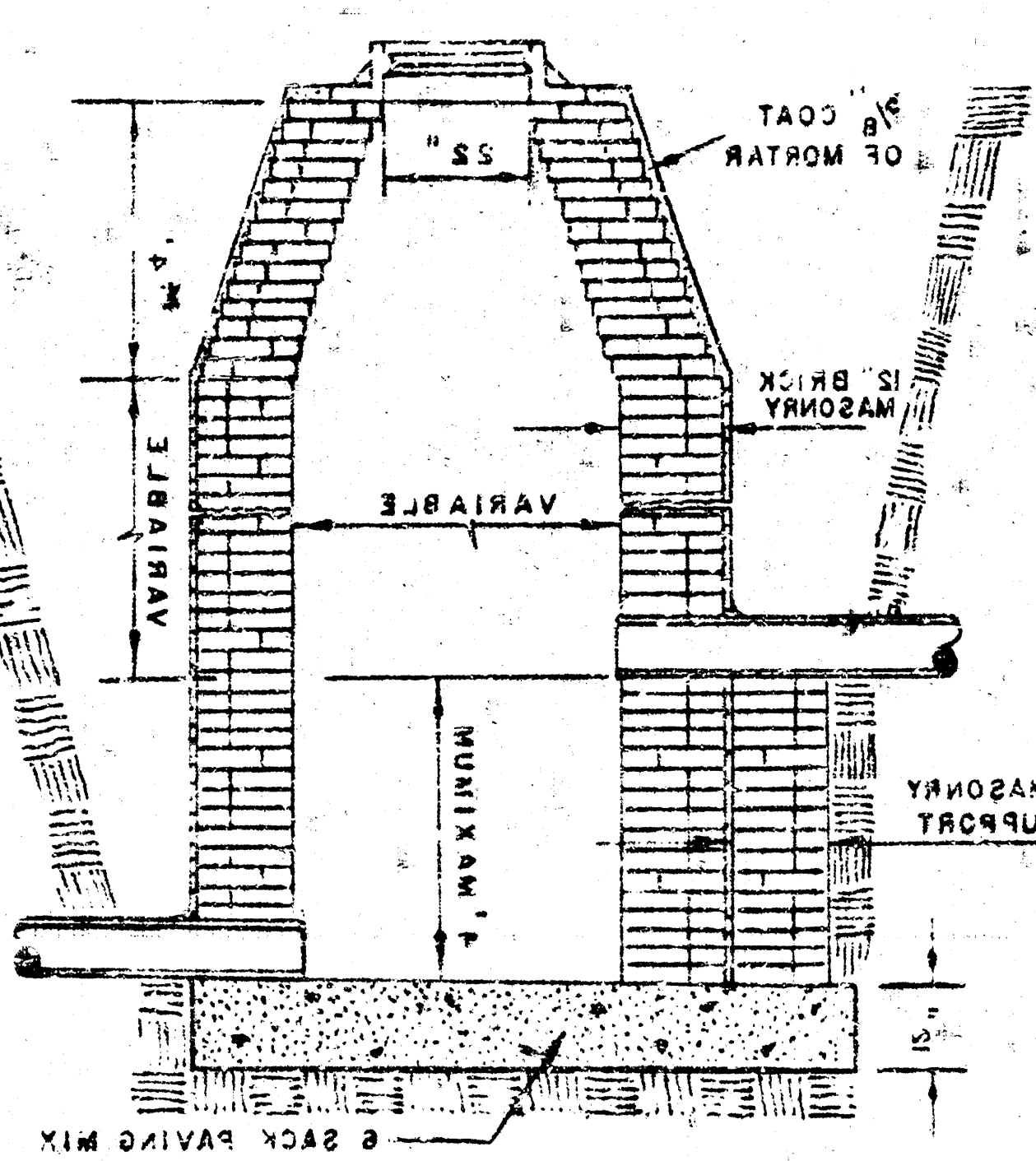
STANDARD MANHOLE TYPE "B"



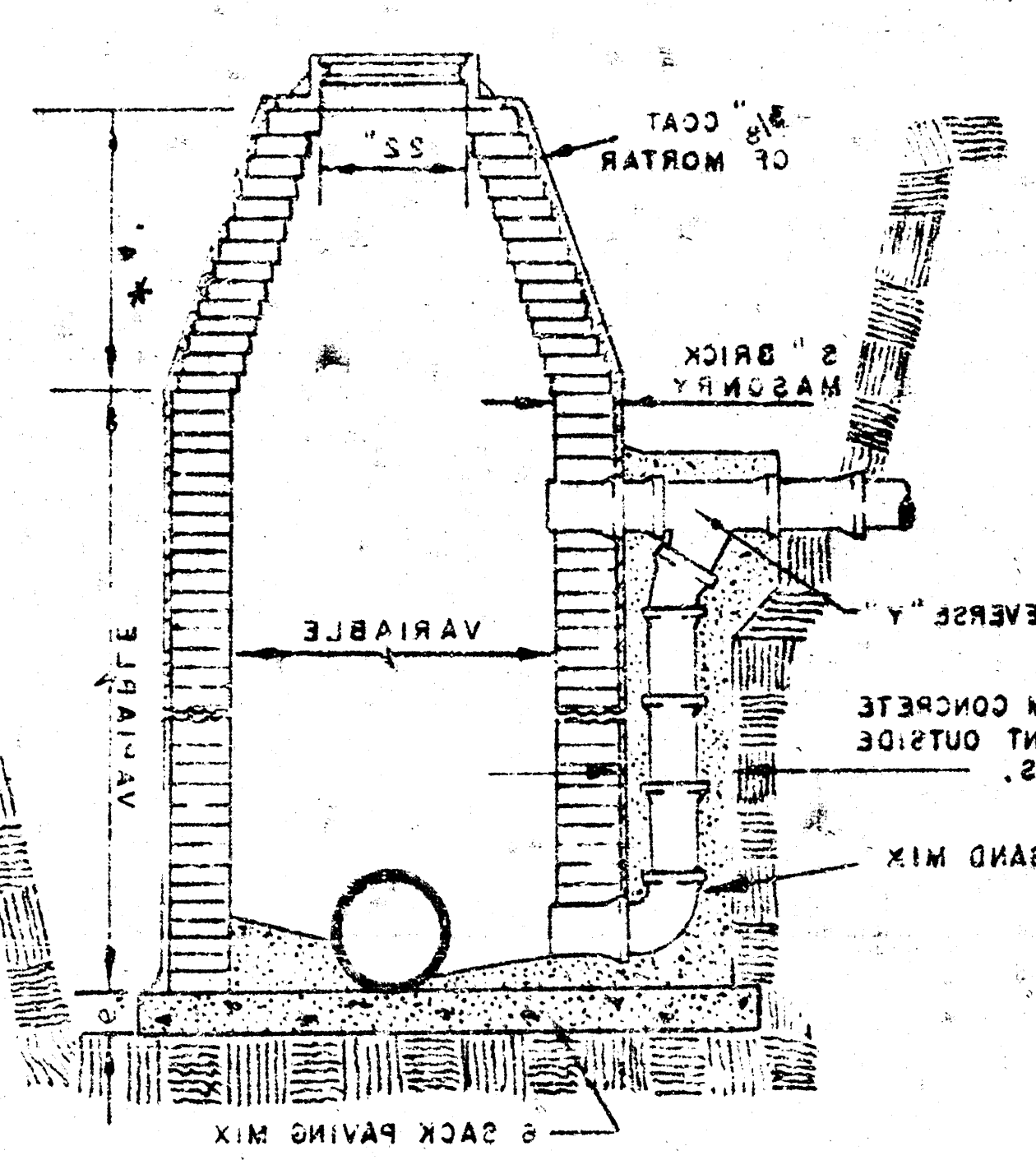
DROP MANHOLE TYPE "A"



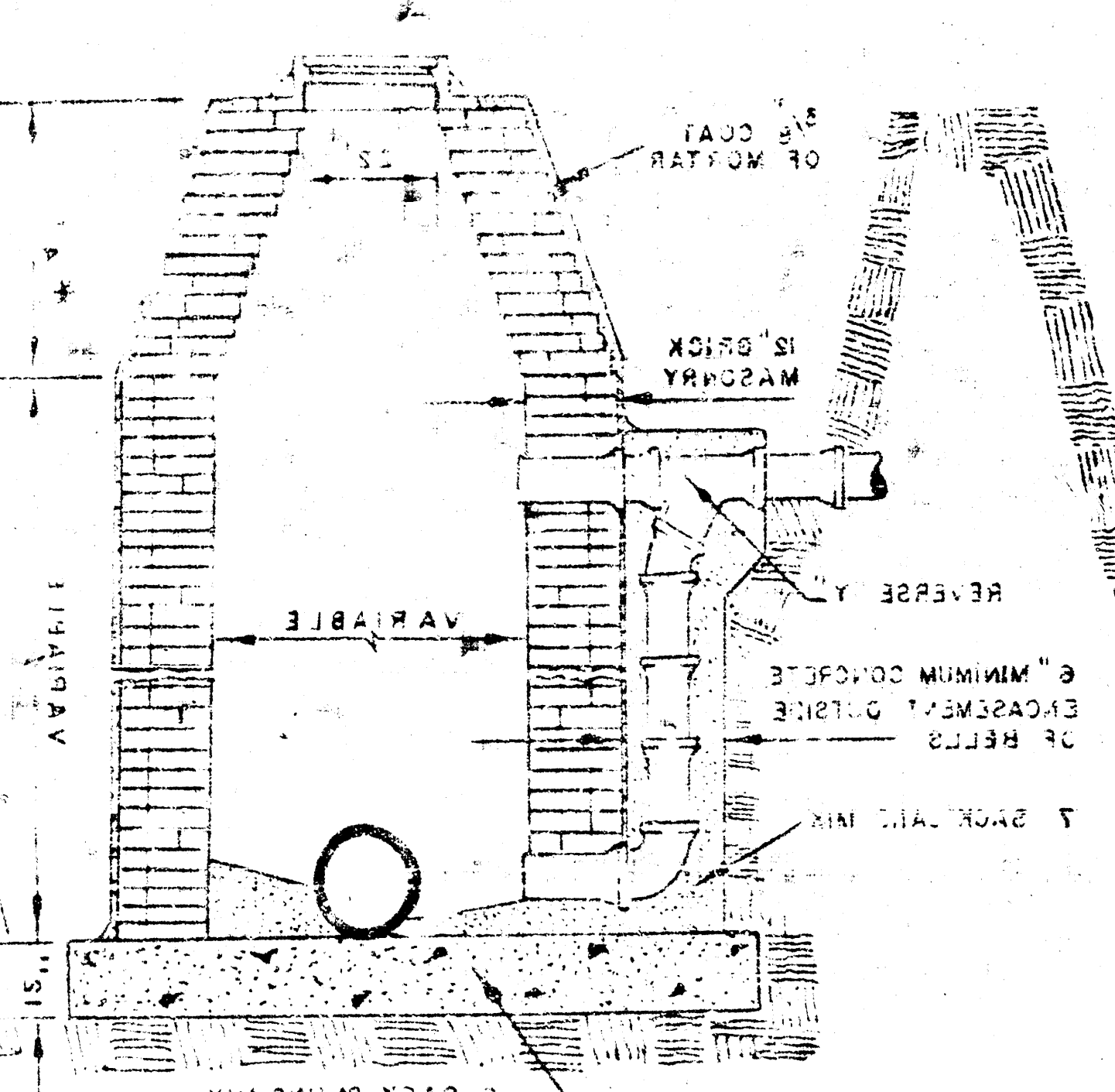
DROP MANHOLE TYPE "B"



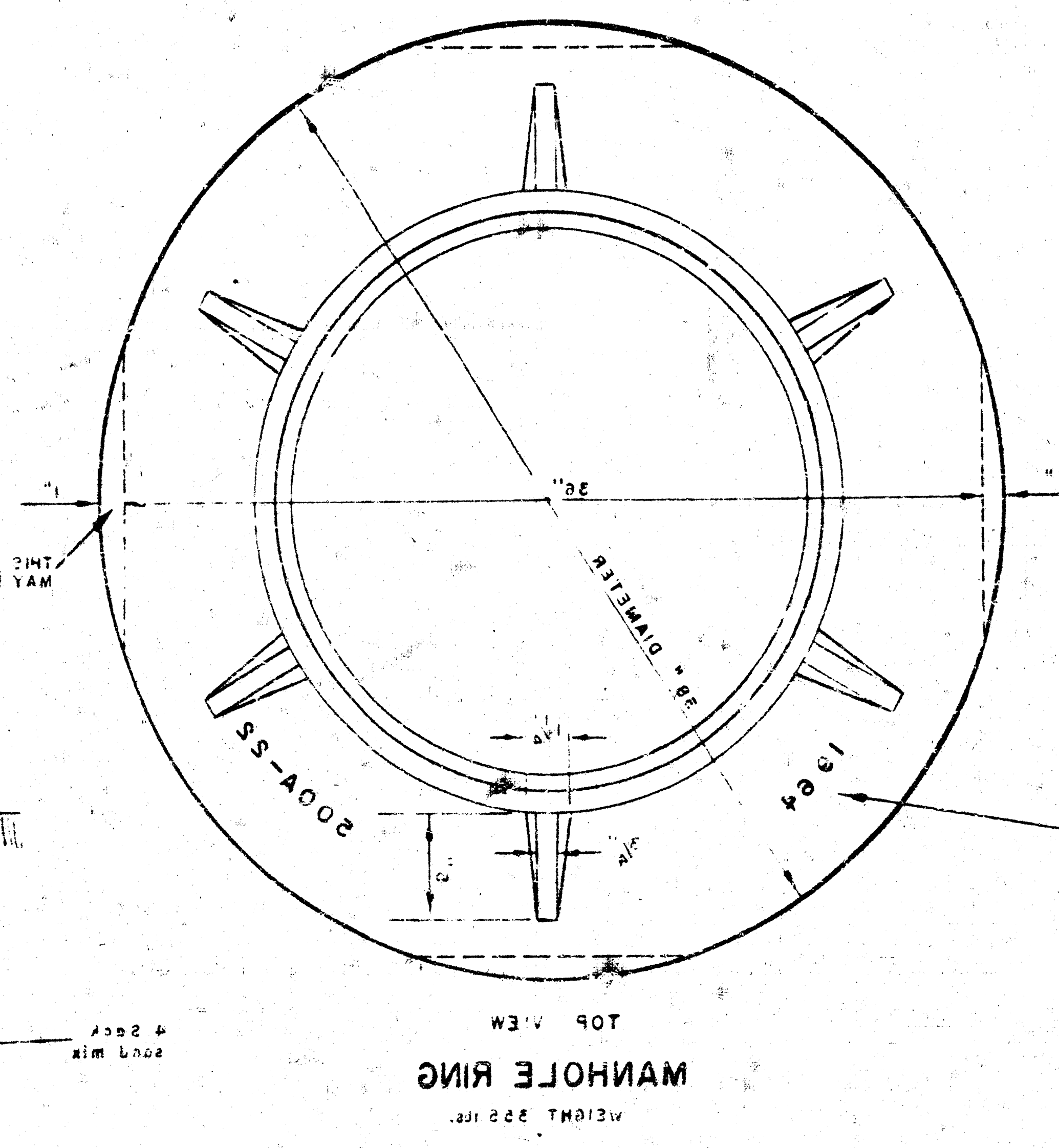
OUTSIDE DROP MANHOLE TYPE "A"



OUTSIDE DROP MANHOLE TYPE "B"

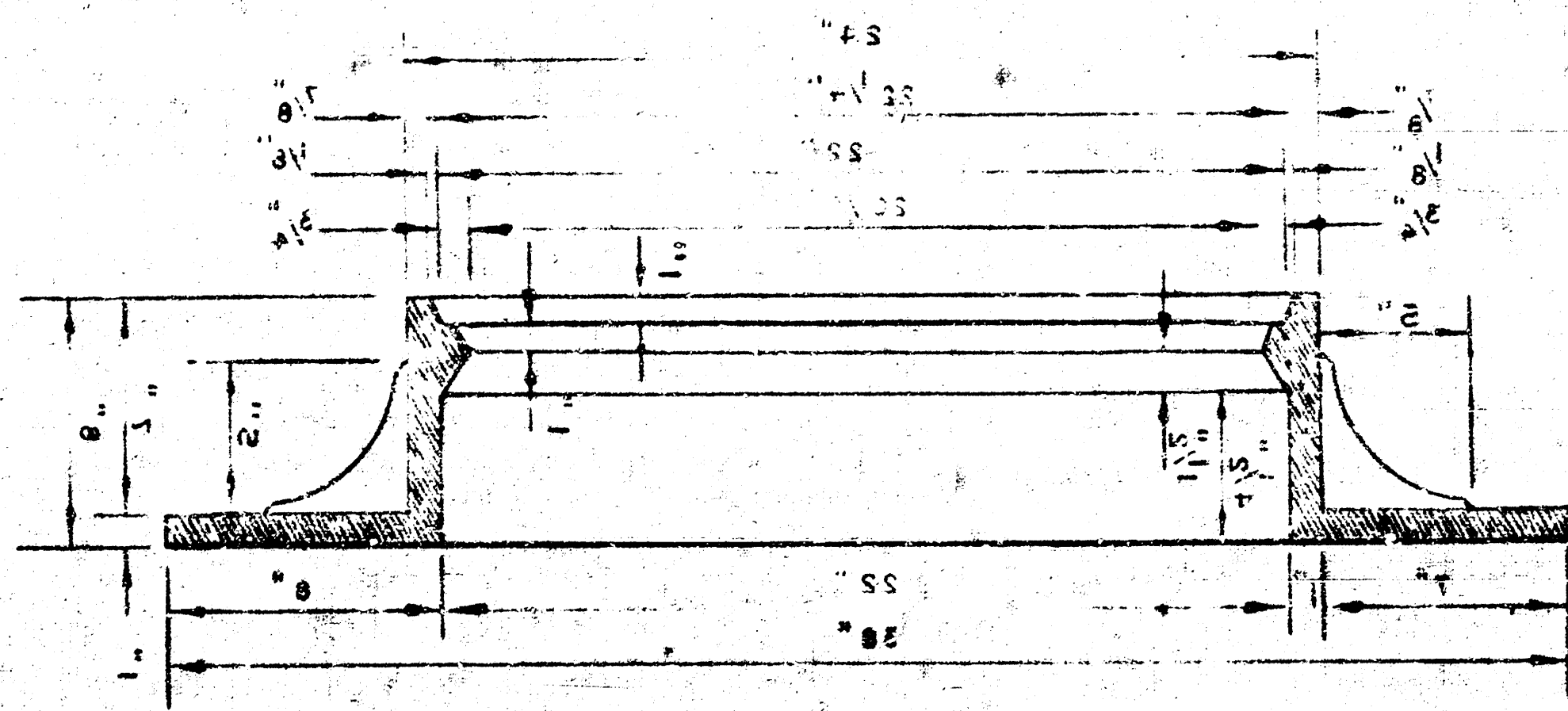


* DRAW = 6' ON 2' DIA. M.H.



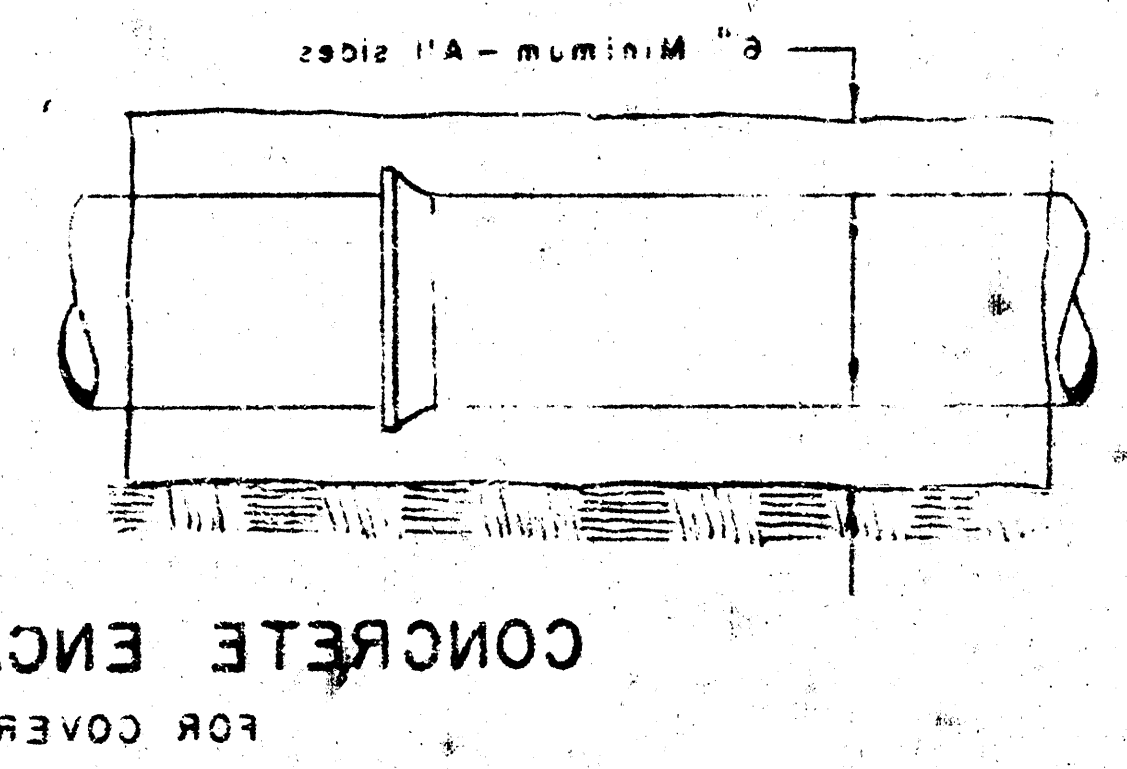
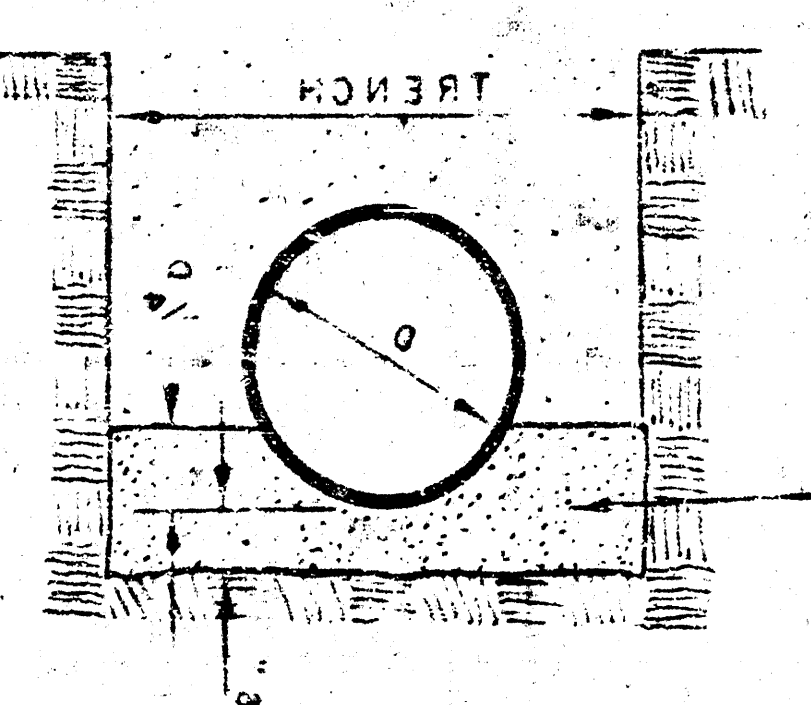
MANHOLE RING
WEIGHT 355 lbs.

YEAR CASTING IS MADE

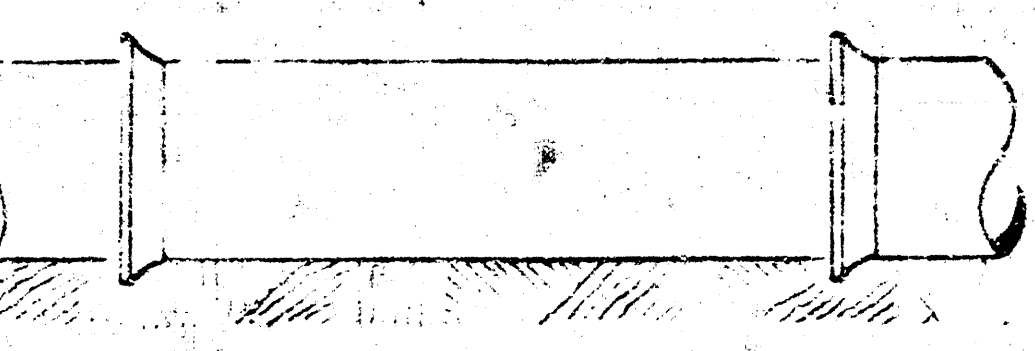


MANHOLE RING

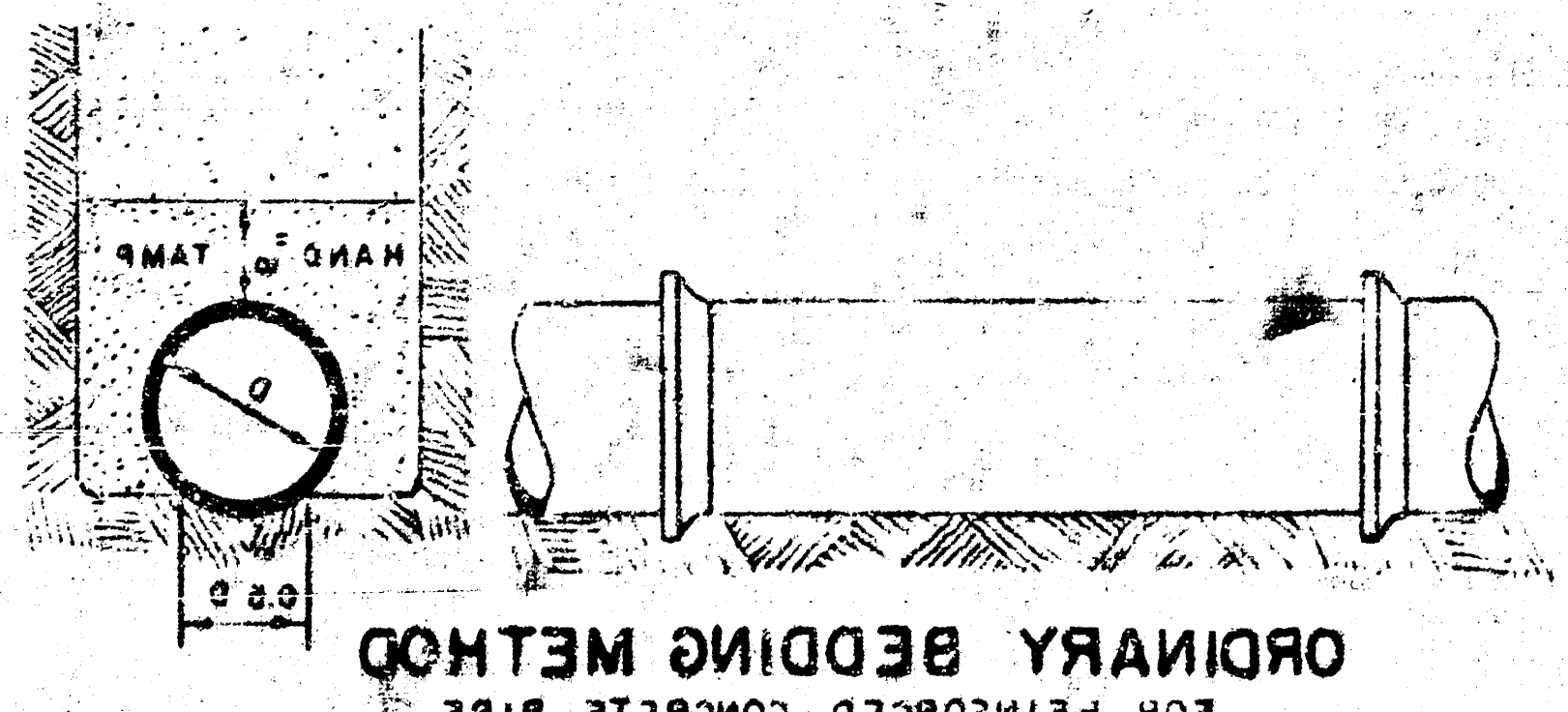
DETAIL OF CONCRETE CRADLE



CONCRETE ENCASMENT FOR COVER

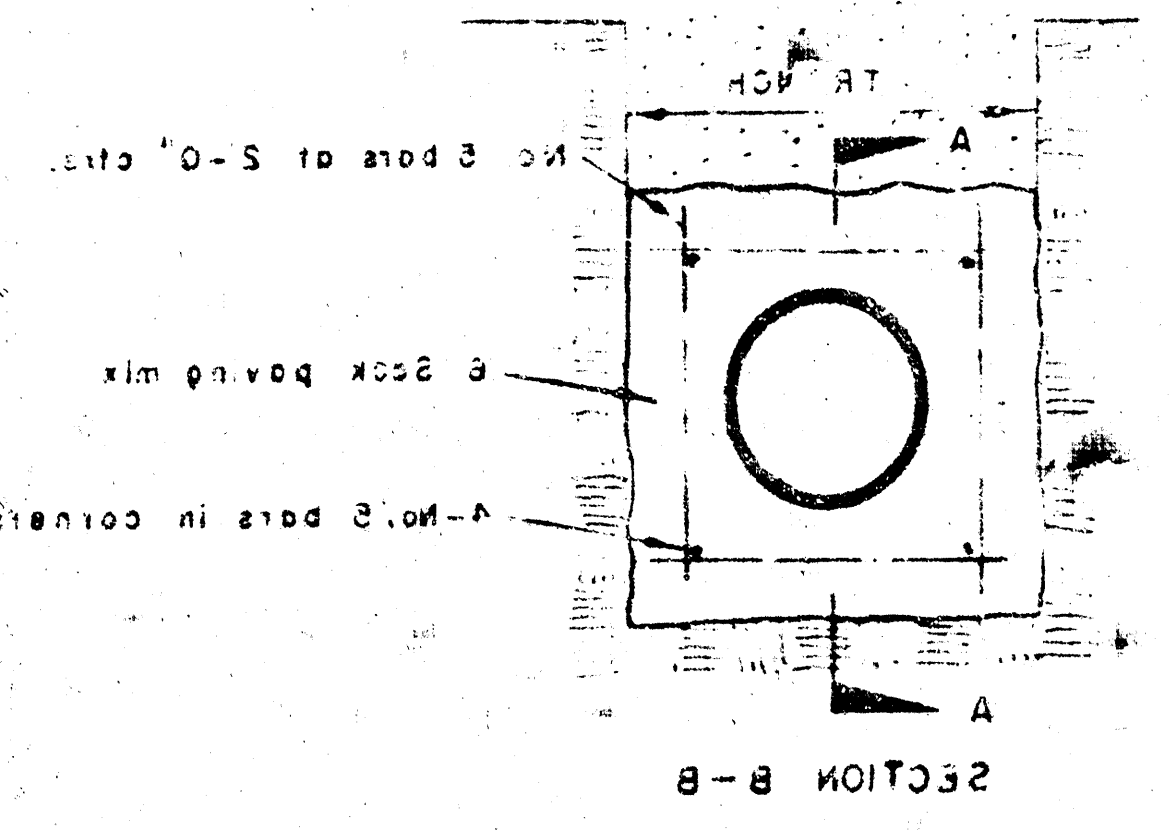
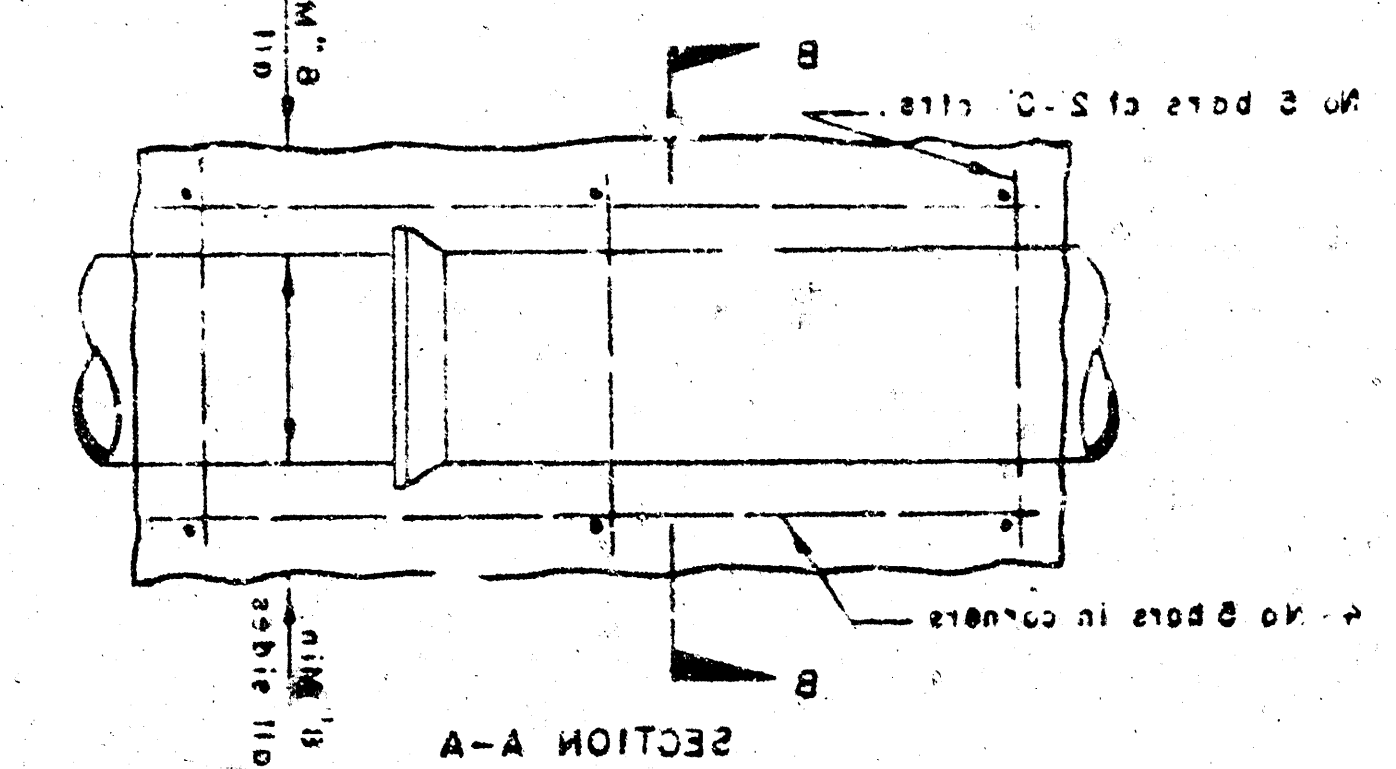


ORDINARY BEDDING METHOD FOR CLAY PIPE



ORDINARY BEDDING METHOD FOR REINFORCED CONCRETE PIPE

REINFORCED CONCRETE ENCASMENT FOR STRENGTH



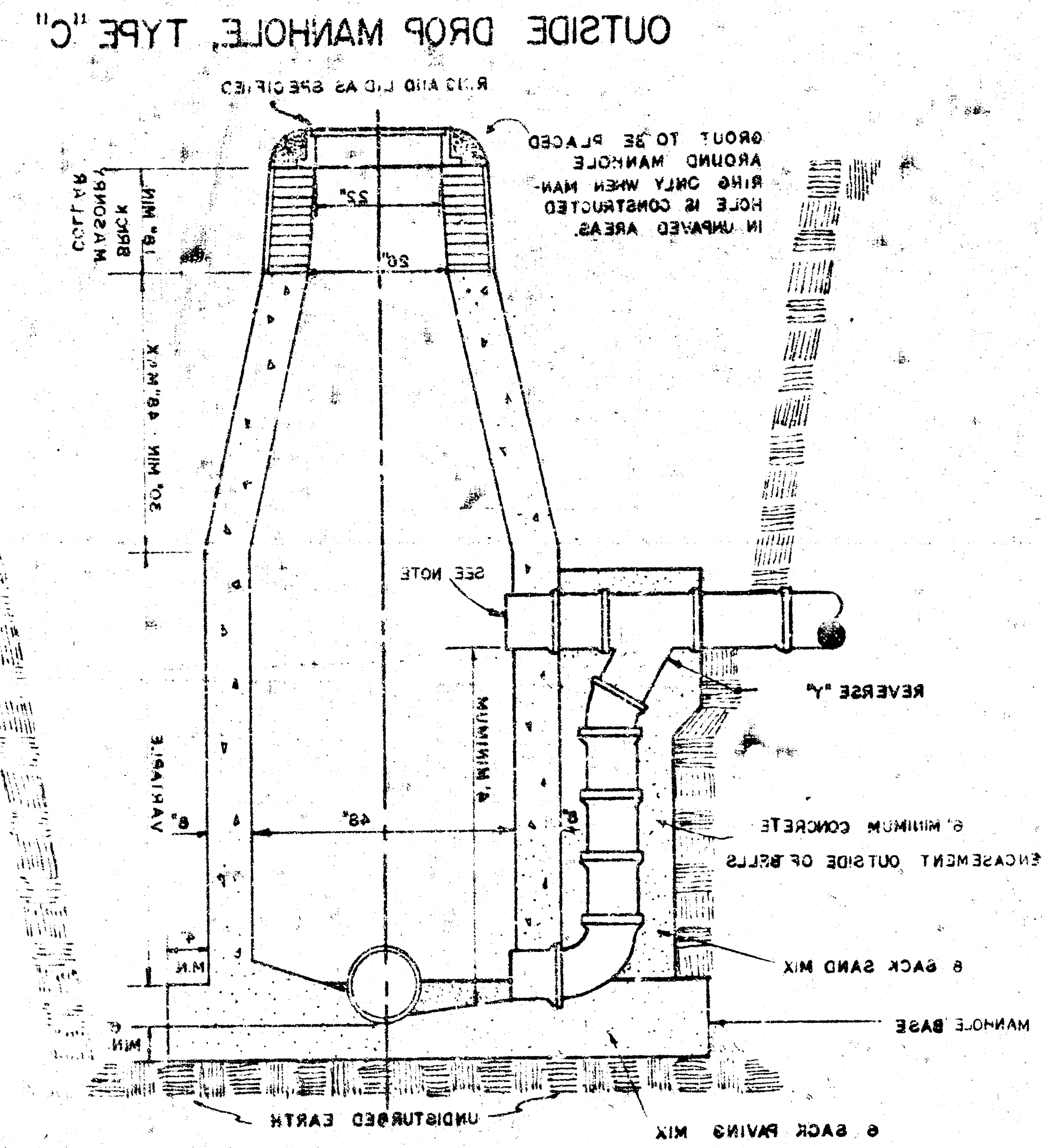
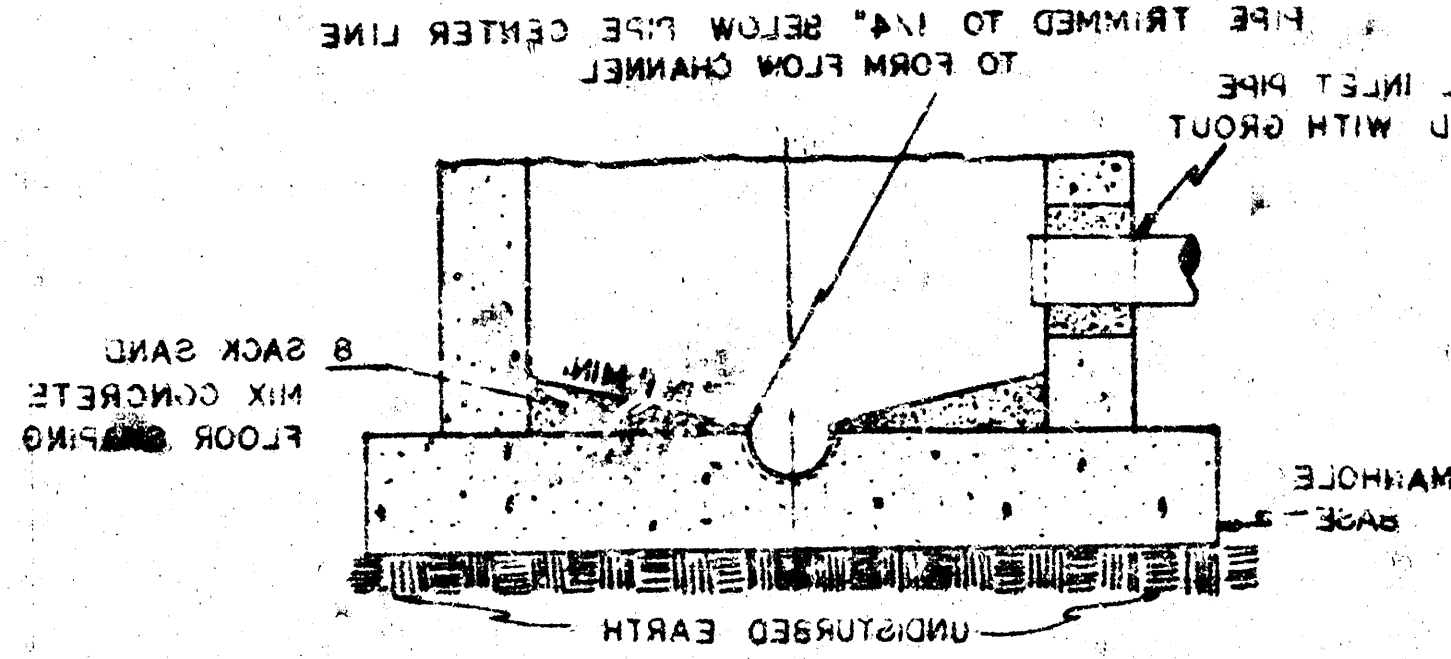
SEWER APPURTENANCES
ADOPTED AS STANDARD DESIGN
BY
ENGINEERING DIVISION
CITY OF WICHITA, KANSAS
CITY ENGINEER
R. W. LINN

CRETE BARREL.
REQUIRE MODIFICATION OF THE CON-
WHICH MAY BE NECESSARY WILL NOT
OF THE MANHOLE TOP ELEVATION
IS OBVIOUS THAT ANY ADJUSTMENT
FORMATION OF HYDROGEN SULFIDE
DETERIORATION OF CONCRETE DUE TO
ONLY ON SEWERS NOT SUBJECT TO
MANHOLES ARE TO BE CONSTRUCTED
*CAST IN PLACE CIRCULAR CONCRETE
SAND MIX CONCRETE.
HYDRAULIC EFFICIENCY USING 8 SACK
SHALL BE SHAPED TO INCREASE
THE FLOORS OF ALL MANHOLES
24" SHALL BE SET DIAMETER.
WITH PIPE SIZES LARGER THAN
INDICATED OTHERWISE MANHOLES
DIAMETERS WILL BE SET UNLESS
DIP MANHOLES FOR THE TYPE AND
SHALL BE BID AS STANDARD OUTSIDE
OUTSIDE DROP MANHOLES TYPE "C".
INDICATED.
AND STANDARD DROP MANHOLES TYPE
"C" SHALL BE BID AS STANDARD MAN-
HOLES FOR THE TYPE AND DIAMETER
PER CUBIC YARD.
TION SHALL CONTAIN 8 SACKS OF CEMENT
MORTAR USED IN MASONRY CONSTRUCT-

GENERAL NOTES

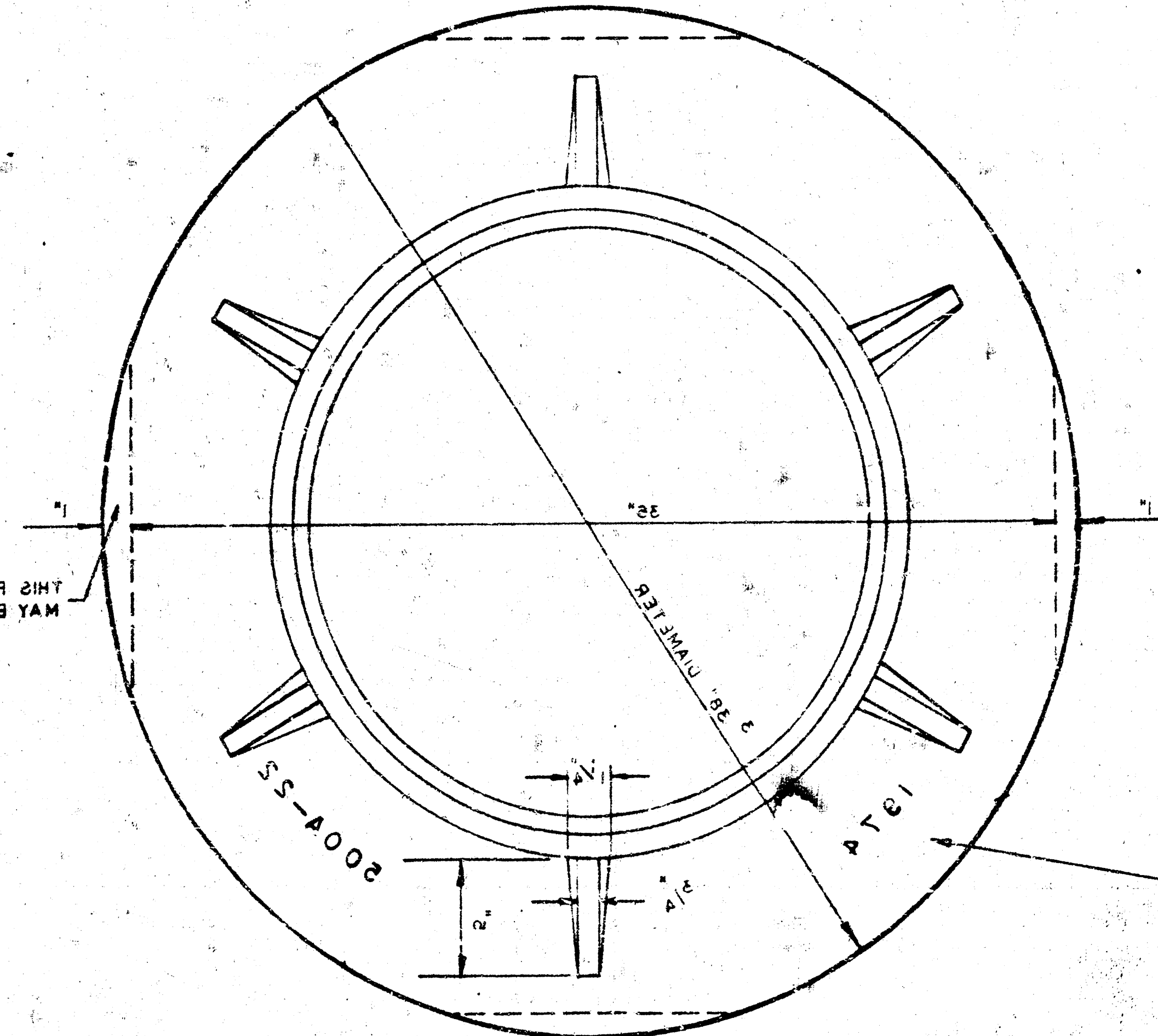
COATING.
BE SEALED WITH APPROVED
OF COMPLETED CONNECTION TO
SHRINKING GROUT, EXTERIOR
GROUTED IN PLACE WITH NON-
CUT IN MANHOLE WALL AND PIPE
NOTE: OPENING FOR INLET PIPE

SECTIONAL ELEVATION—INVERT



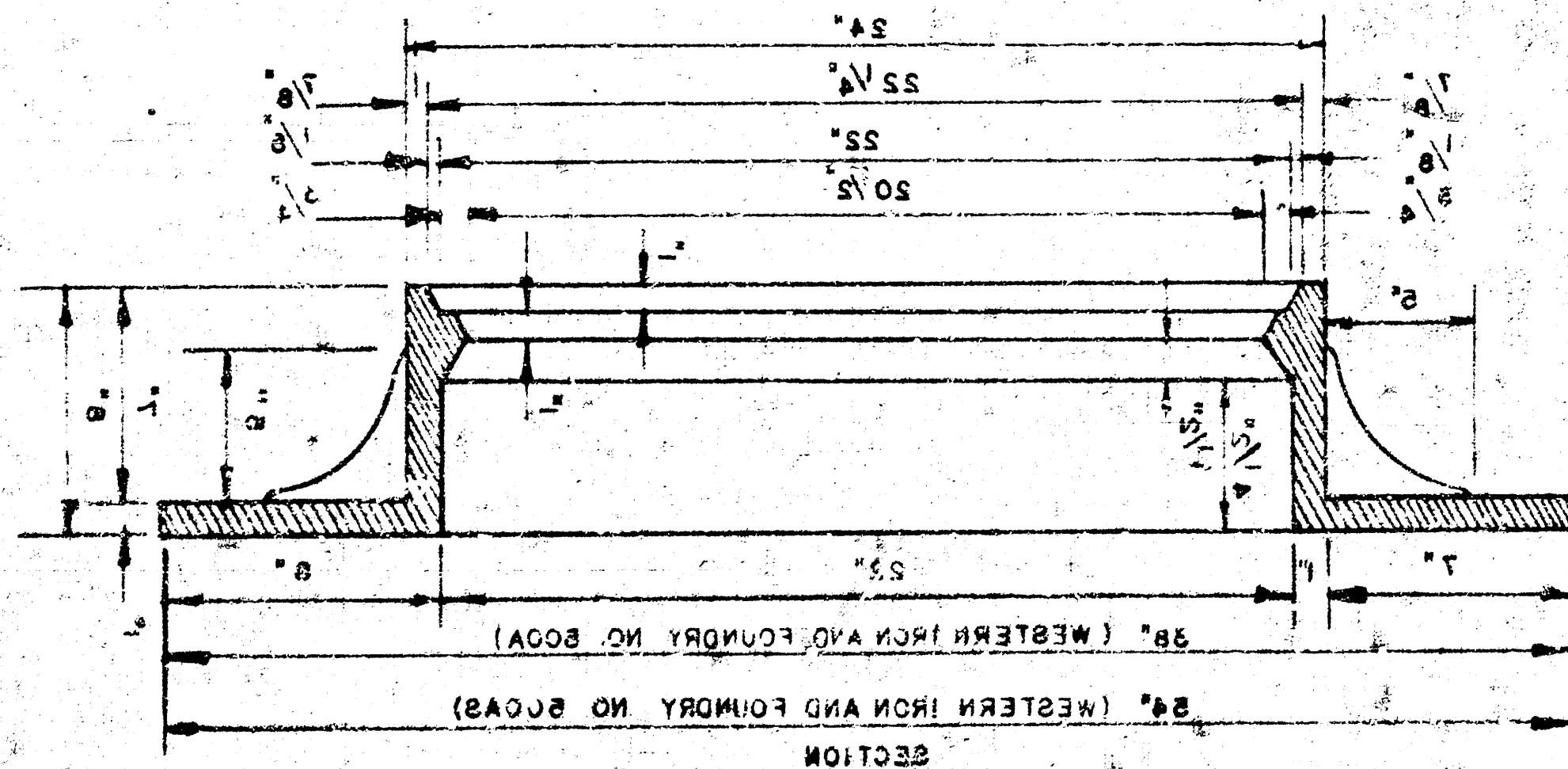
OUTSIDE DROP MANHOLE, TYPE "C"

MAY BE OMITTED
THIS PORTION OF FLANGE



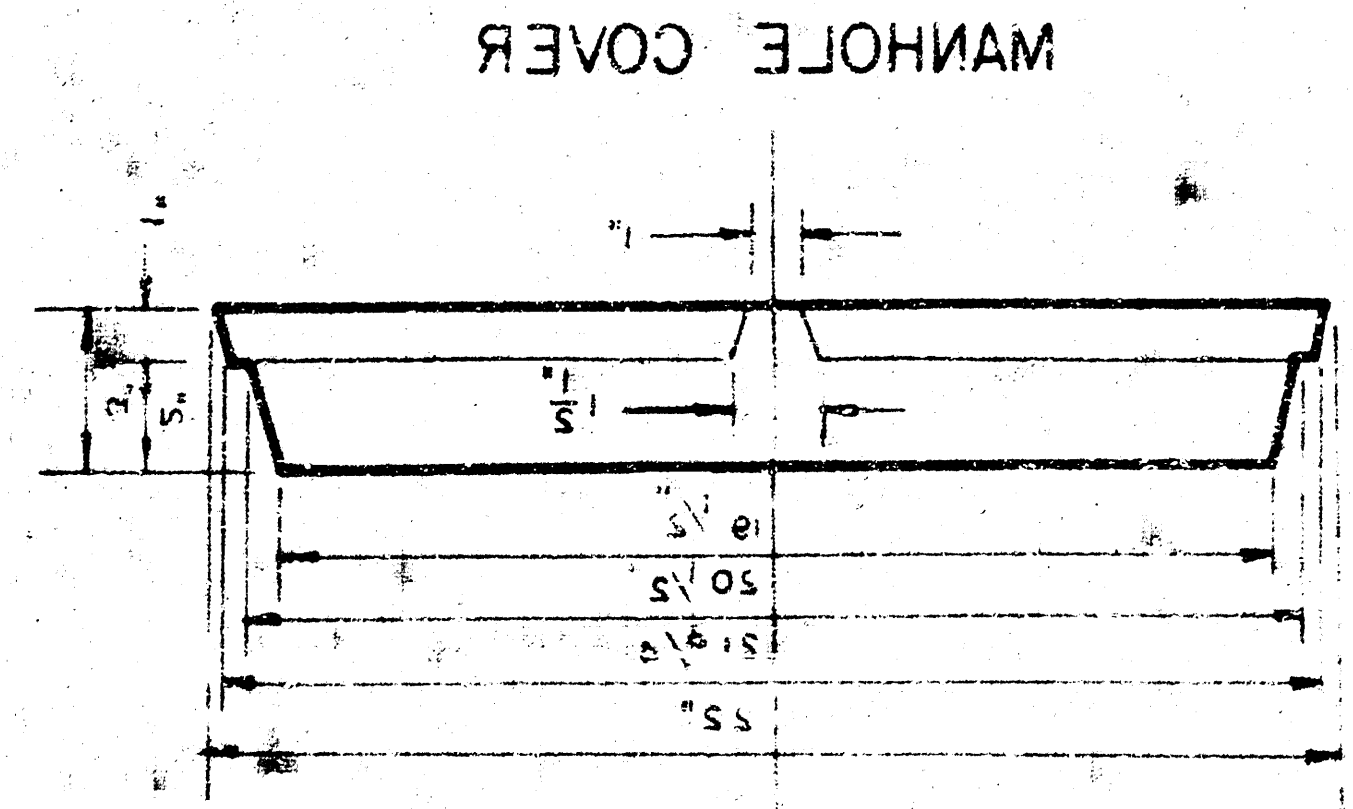
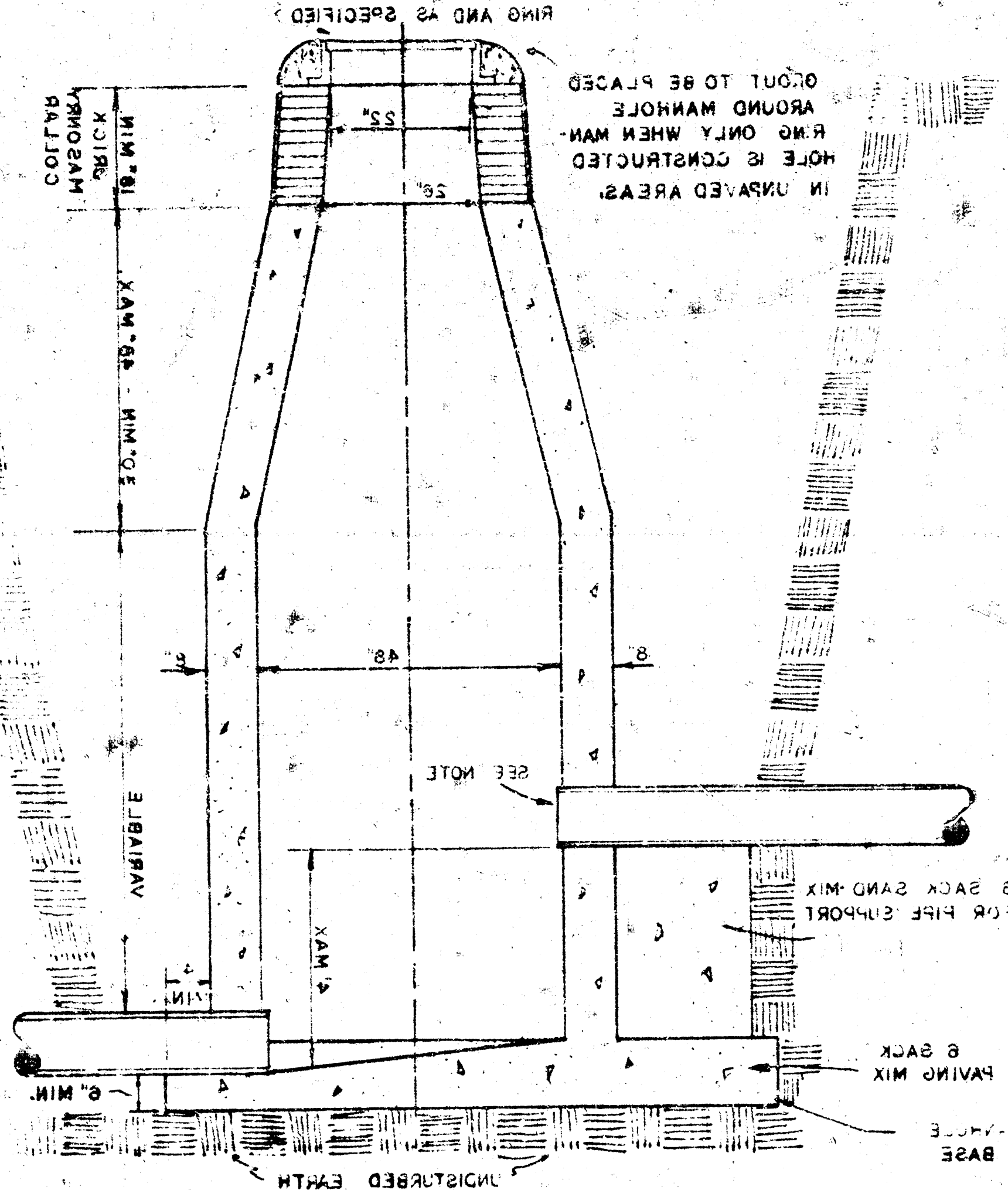
MANHOLE RING

WEIGHT 800 LB. RING NO. 800A
WEIGHT 25 LB. RING NO. 800B

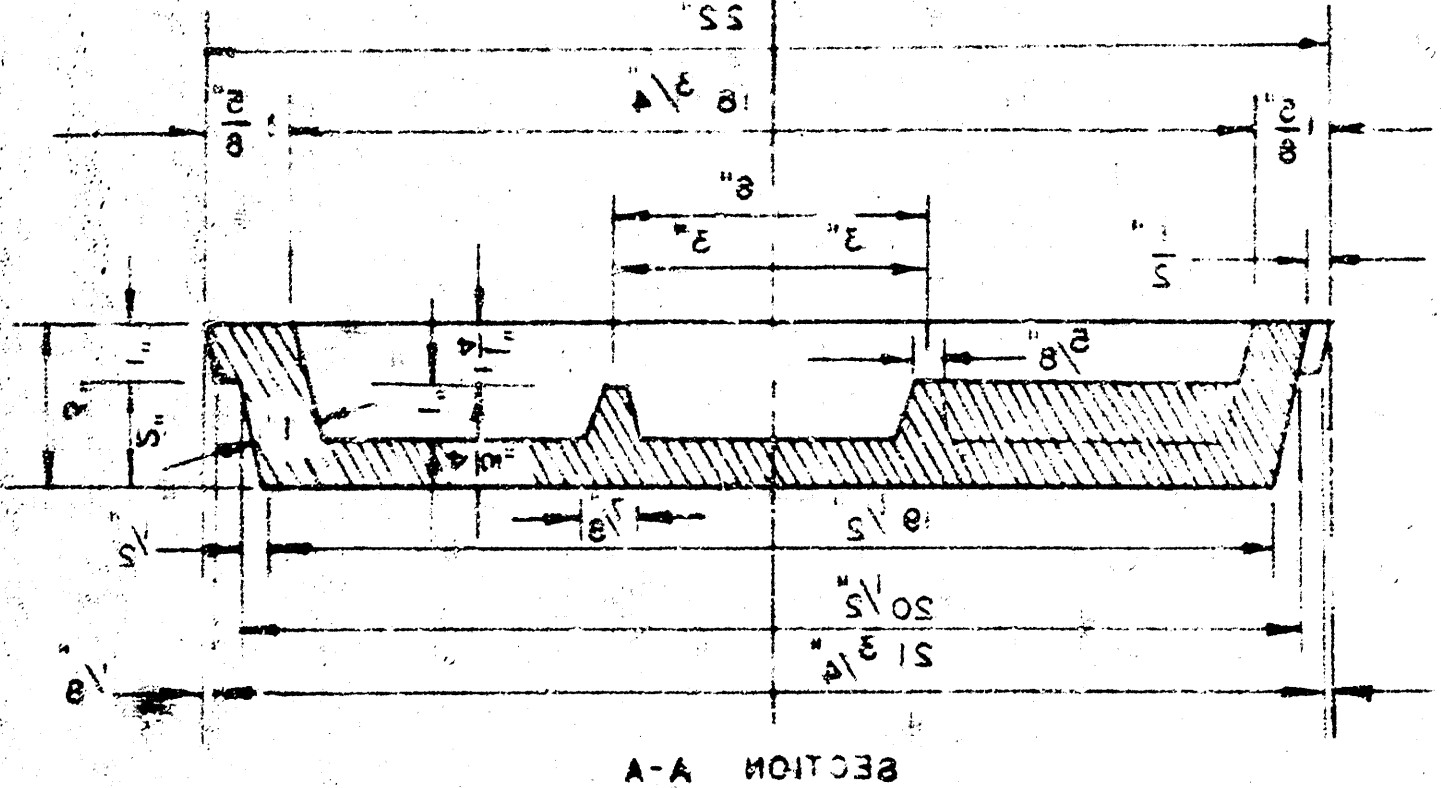


MANHOLE RING

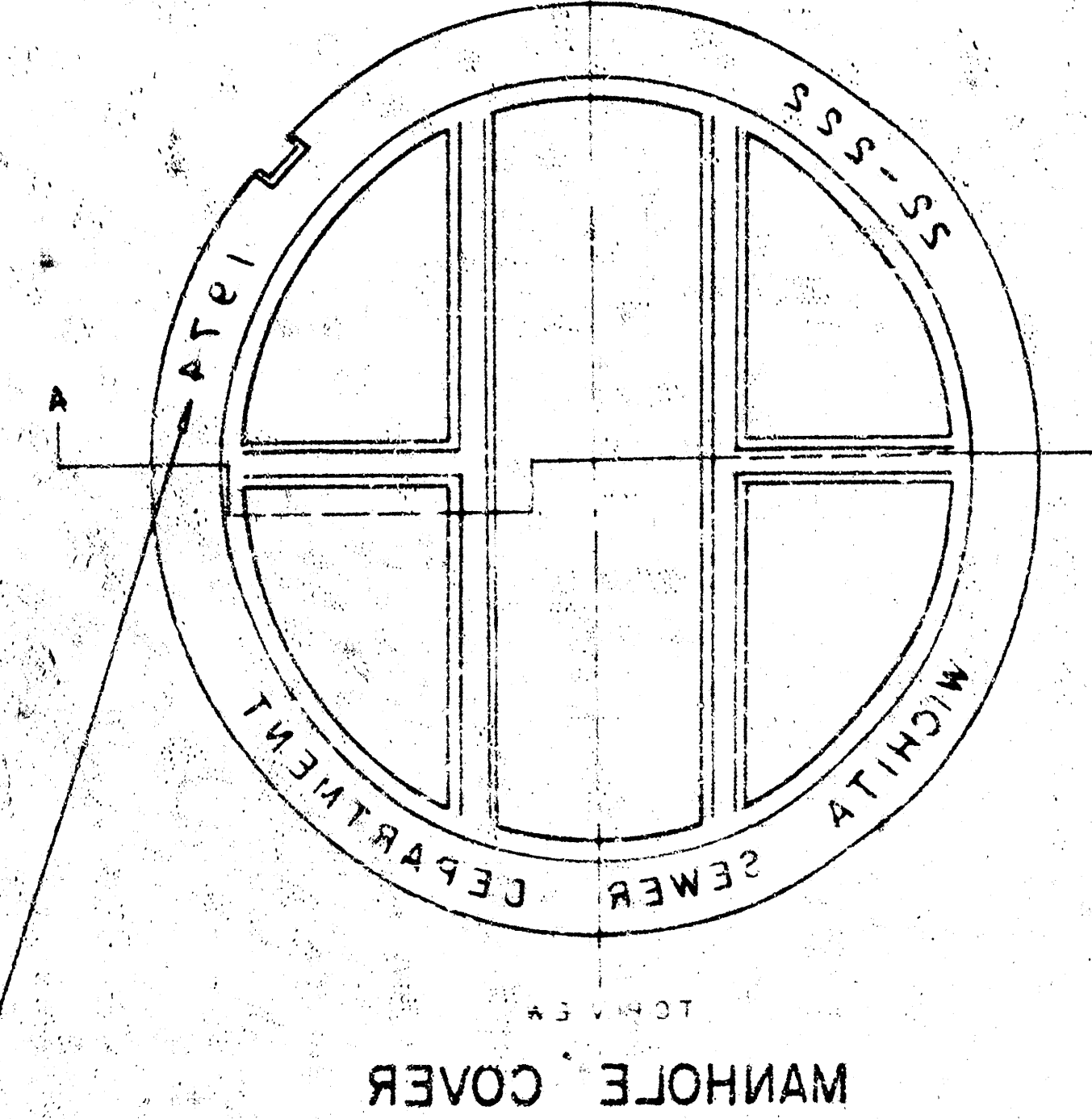
DROP MANHOLE, TYPE "C"



MANHOLE COVER



MANHOLE COVER



MANHOLE COVER

WEIGHT 10 LB.

12 YEAR CASTING

SS-SSS

WICHITA SEWER DEPARTMENT

MANHOLE COVER

12 YEAR CASTING

SS-SSS

WICHITA SEWER DEPARTMENT

MANHOLE COVER

12 YEAR CASTING

SS-SSS

WICHITA SEWER DEPARTMENT

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