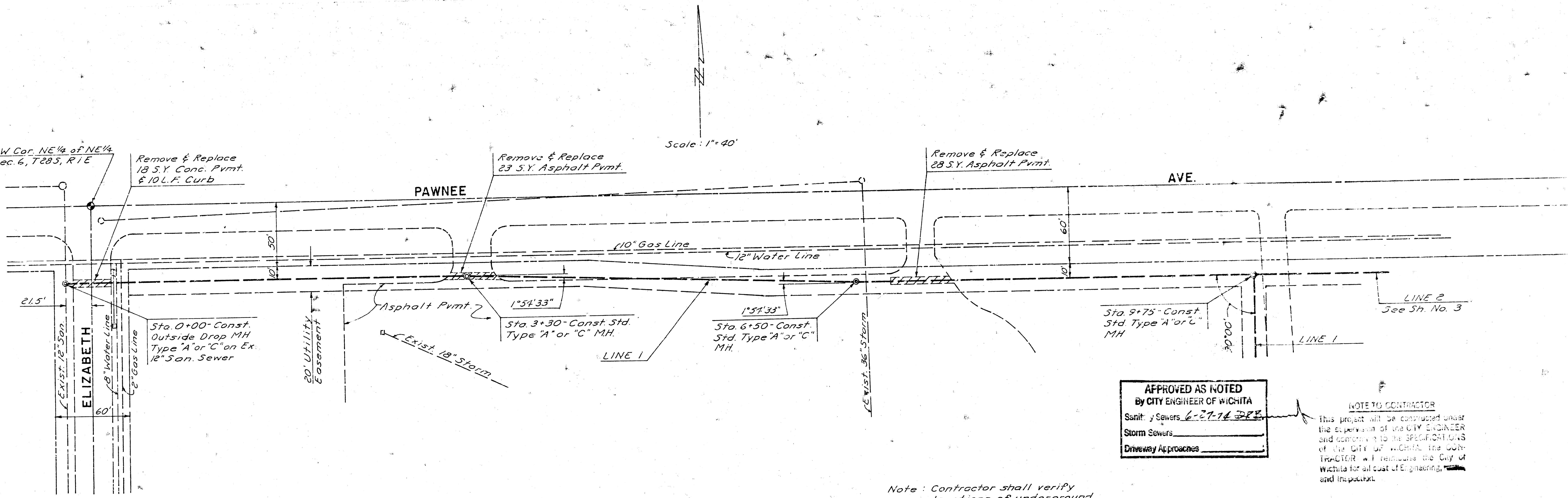




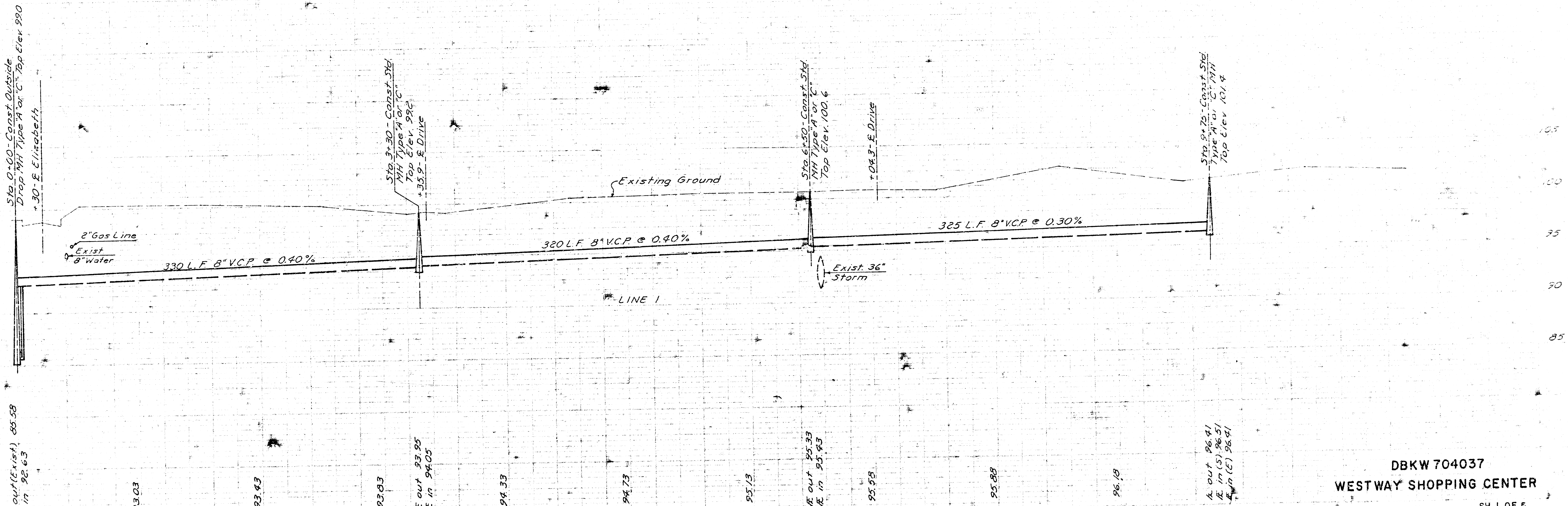
Scale: 1" = 40'

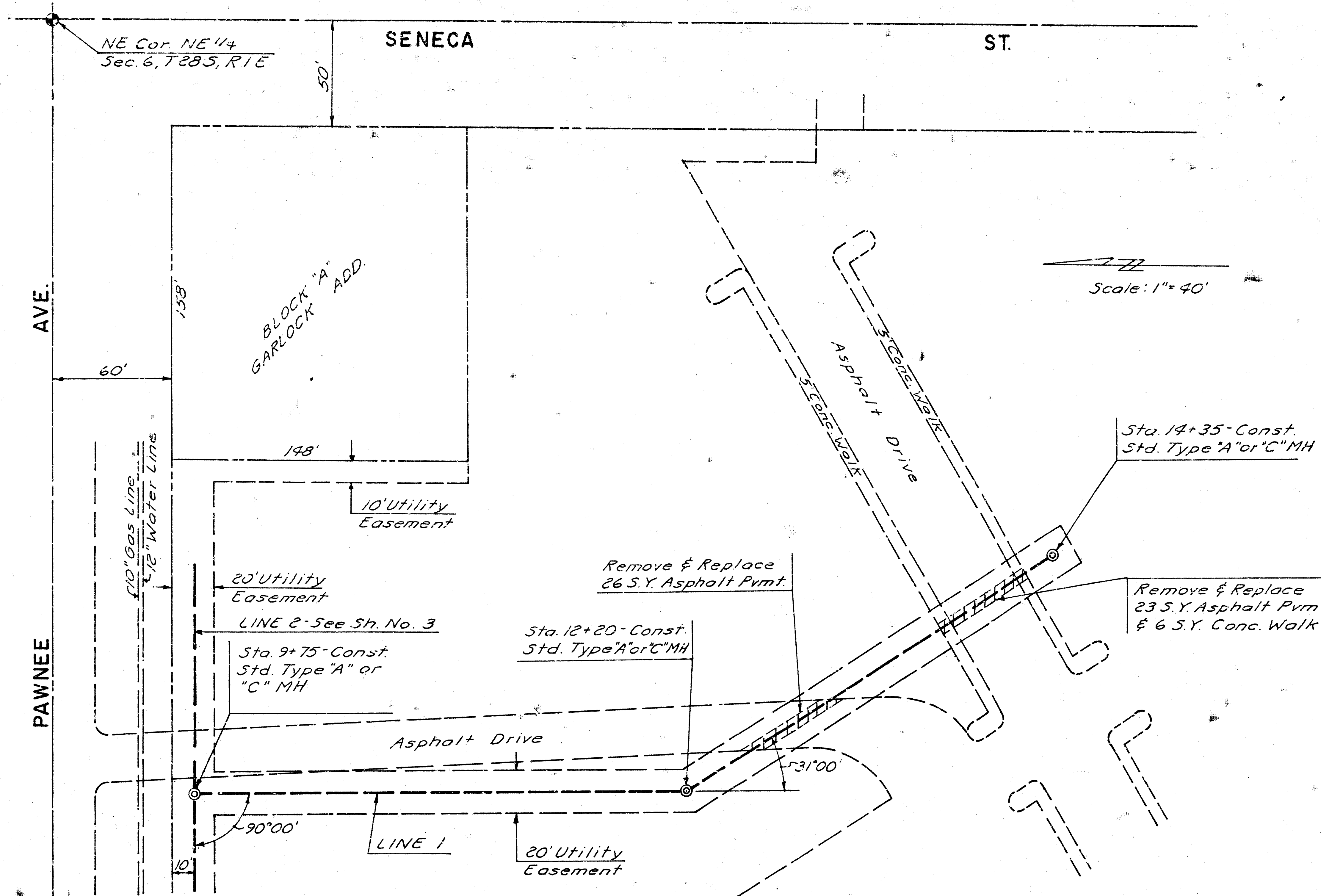
APPROVED AS NOTED
By CITY ENGINEER OF WICHITA
Sanitary Sewers 6-27-14 JEB
Storm Sewers _____
Driveway Approaches _____

NOTE TO CONTRACTOR
This project will be constructed under the supervision of the CITY ENGINEER and conforming to the SPECIFICATIONS of the CITY OF WICHITA. The CONTRACTOR will reimburse the City of Wichita for all cost of Engineering, and inspection.

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

Bench Mark - City Std. Disc. 58" N & 44" E. & Seneca & Pawnee - Elev 103.447





APPROVED AS NOTED
By CITY ENGINEER OF WICHITA

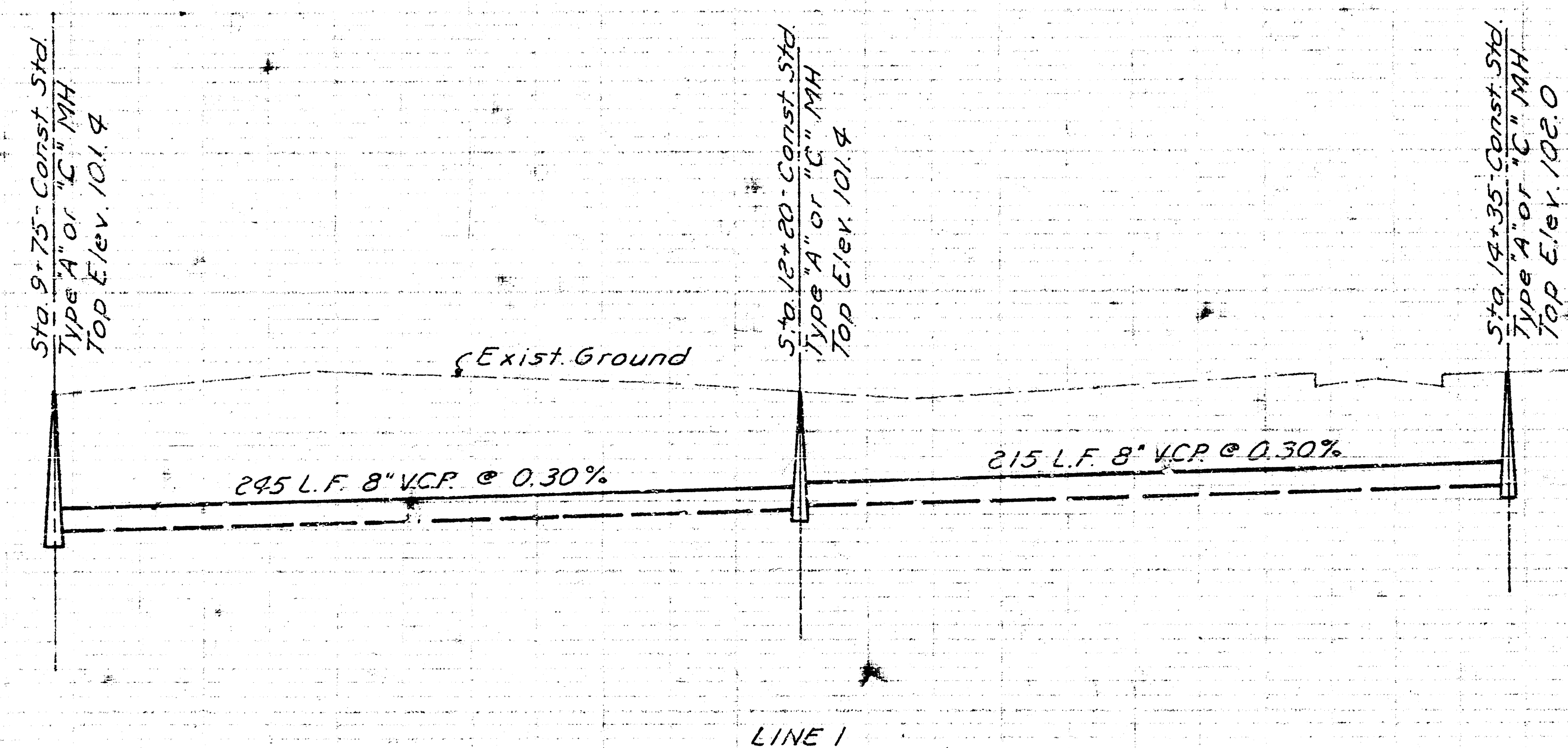
Sanitary Sewers 6-21-14 DBB

Storm Sewers _____

Driveway Approaches _____

NOTE TO CONTRACTOR

This project will be constructed under the supervision of the CITY ENGINEER and conforming to the SPECIFICATIONS of the CITY OF WICHITA. The CONTRACTOR will reimburse the City of Wichita for all cost of Engineering, Plans, and Inspection.



Elev. out 96.41
Elev. in (S) 96.51
Elev. in (C) 96.41

96.89

97.19

Elev. out 97.25
Elev. in 97.35

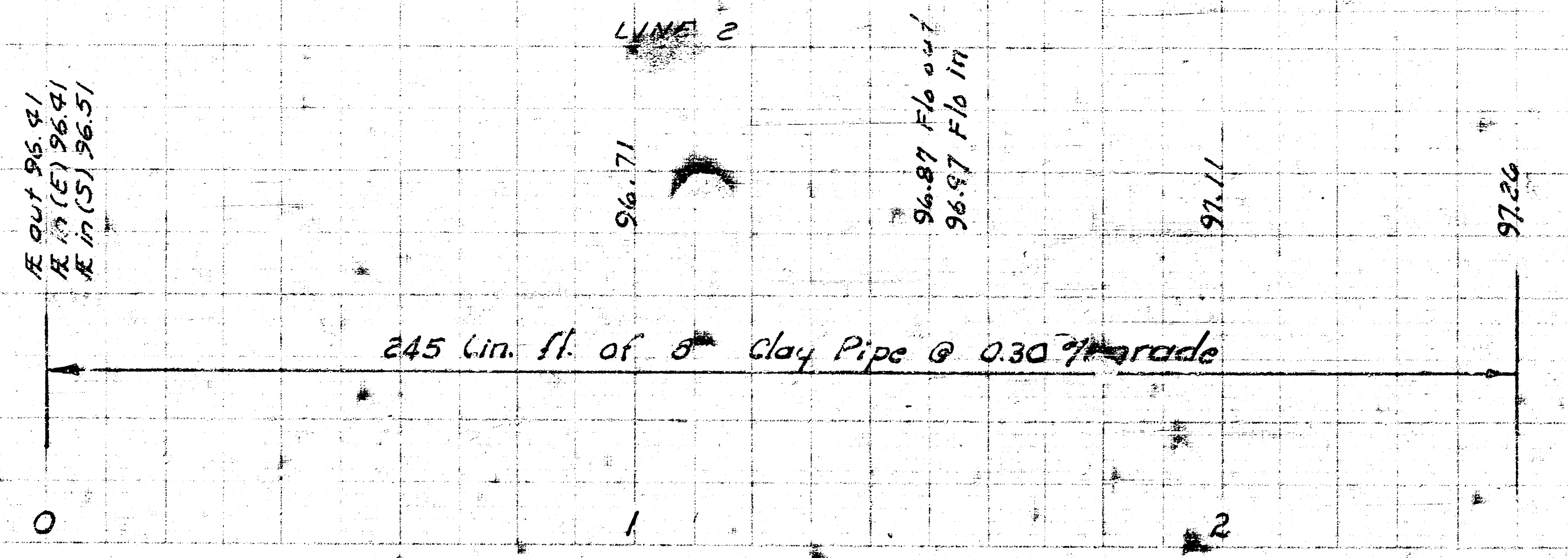
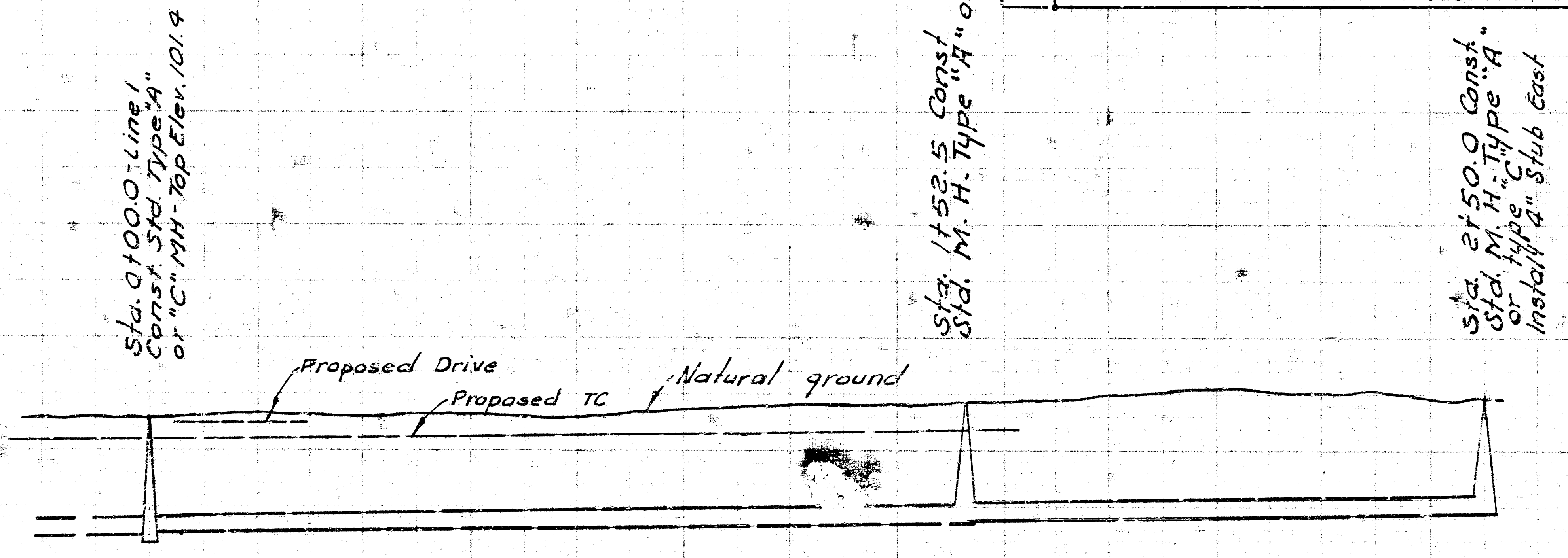
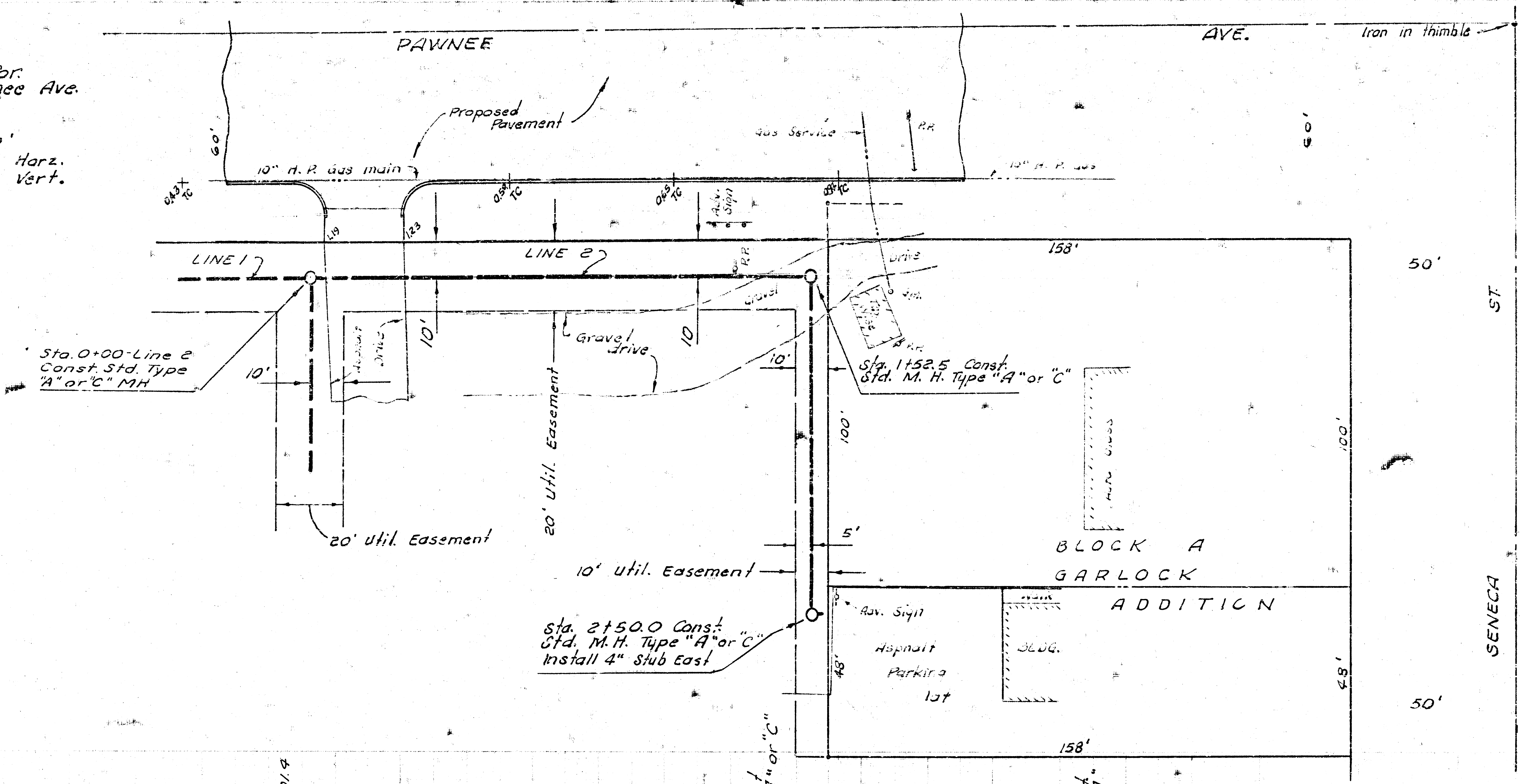
97.59

97.89

Elev. out 98.00

B. M. 103.45 Std. NE. Cor.
Seneca St. and Pawnee Ave.

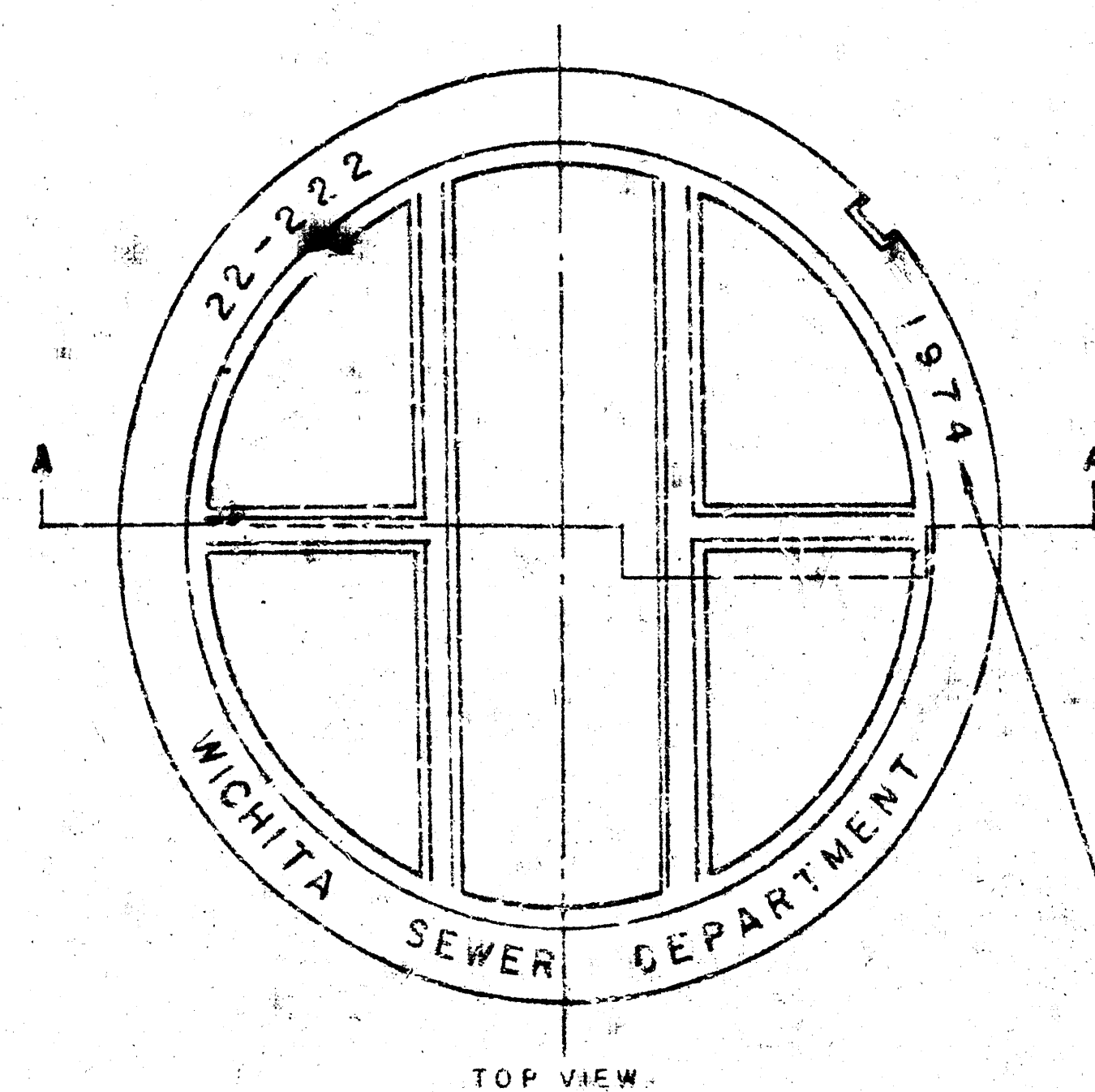
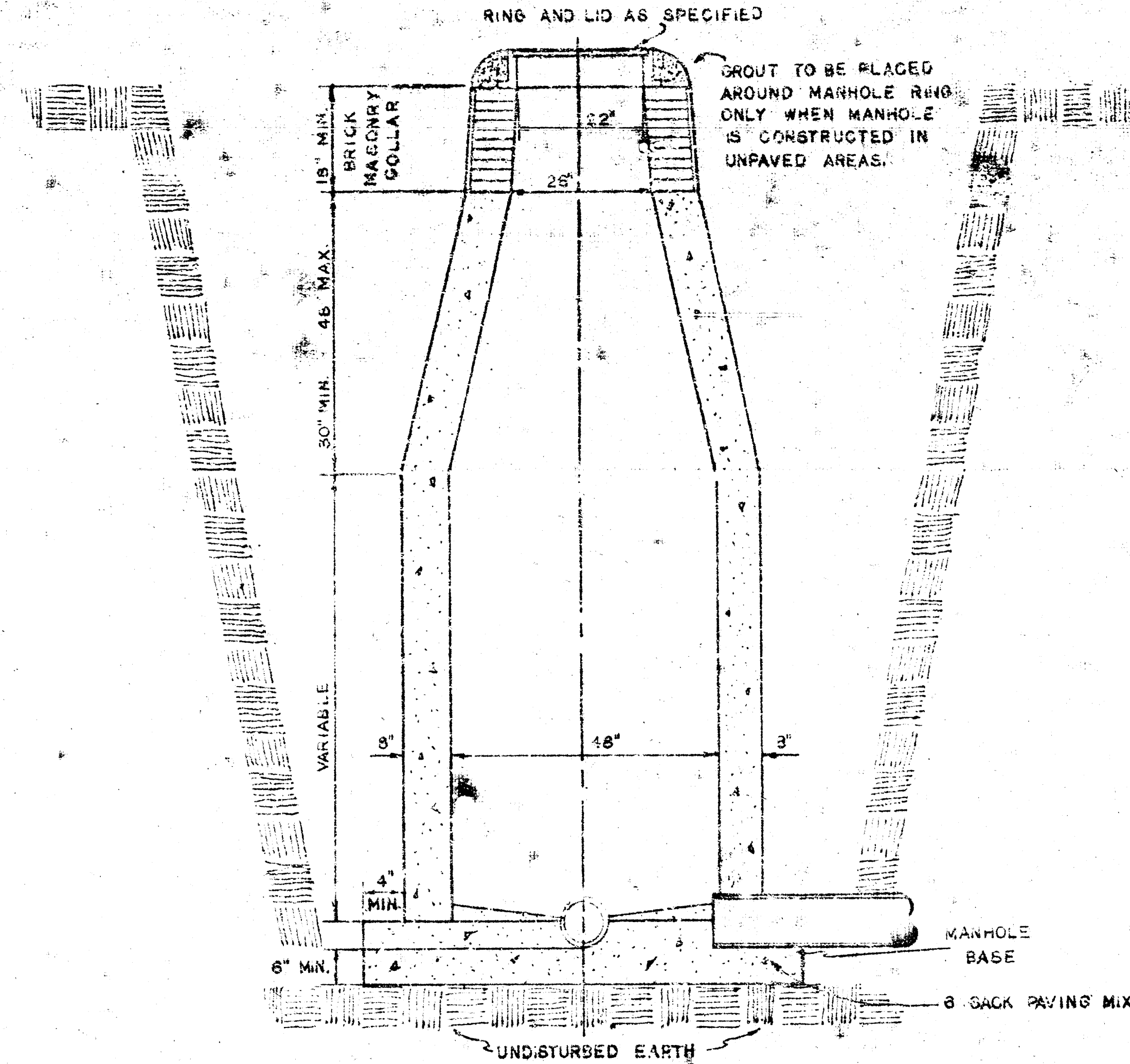
Plan Scale 1" = 20'
Profile Scale 1" = 20' Horiz.
1" = 5' Vert.



DBKW 704037
WESTWAY SHOPPING CENTER

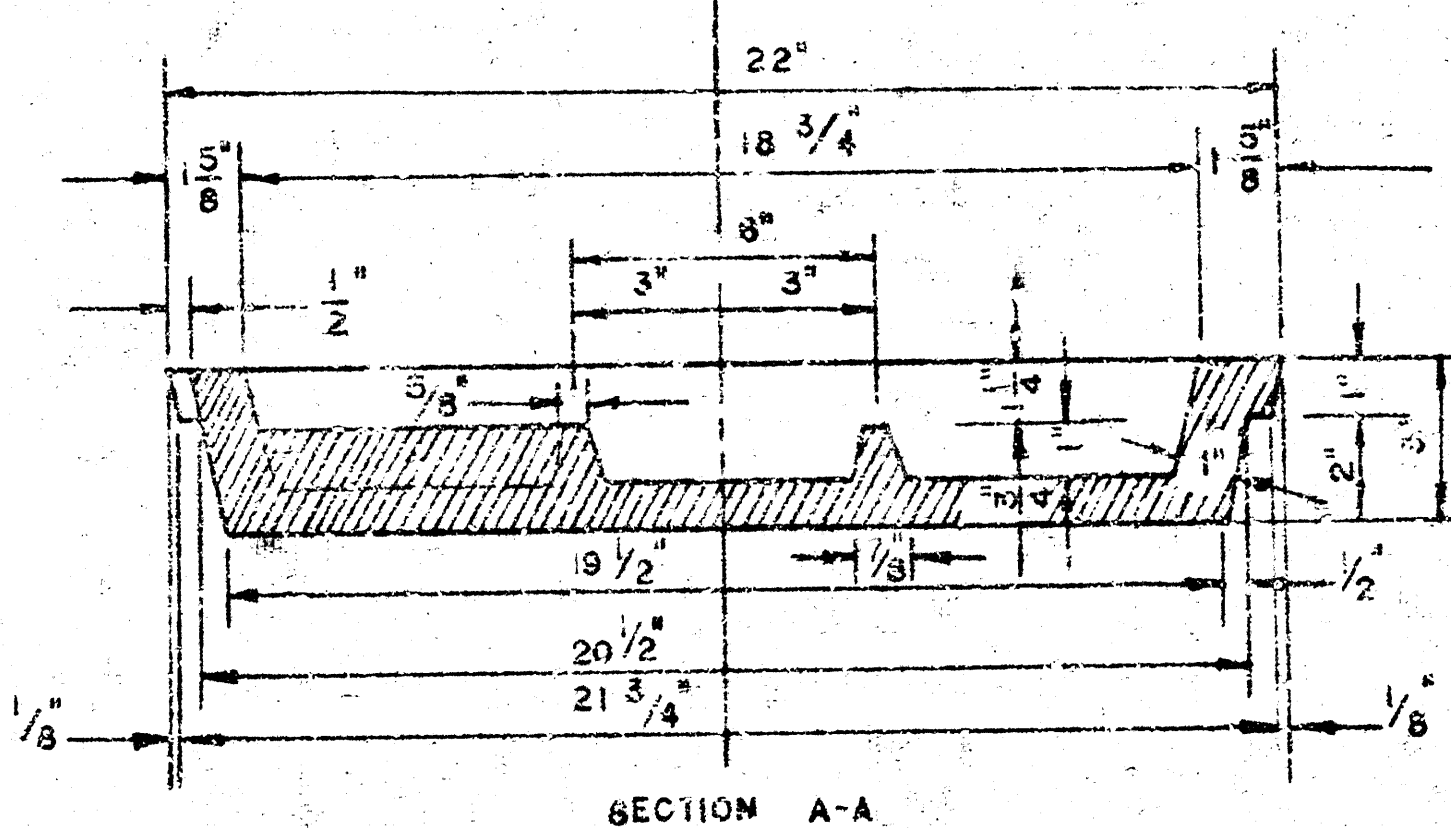


STANDARD MANHOLE, TYPE "C"

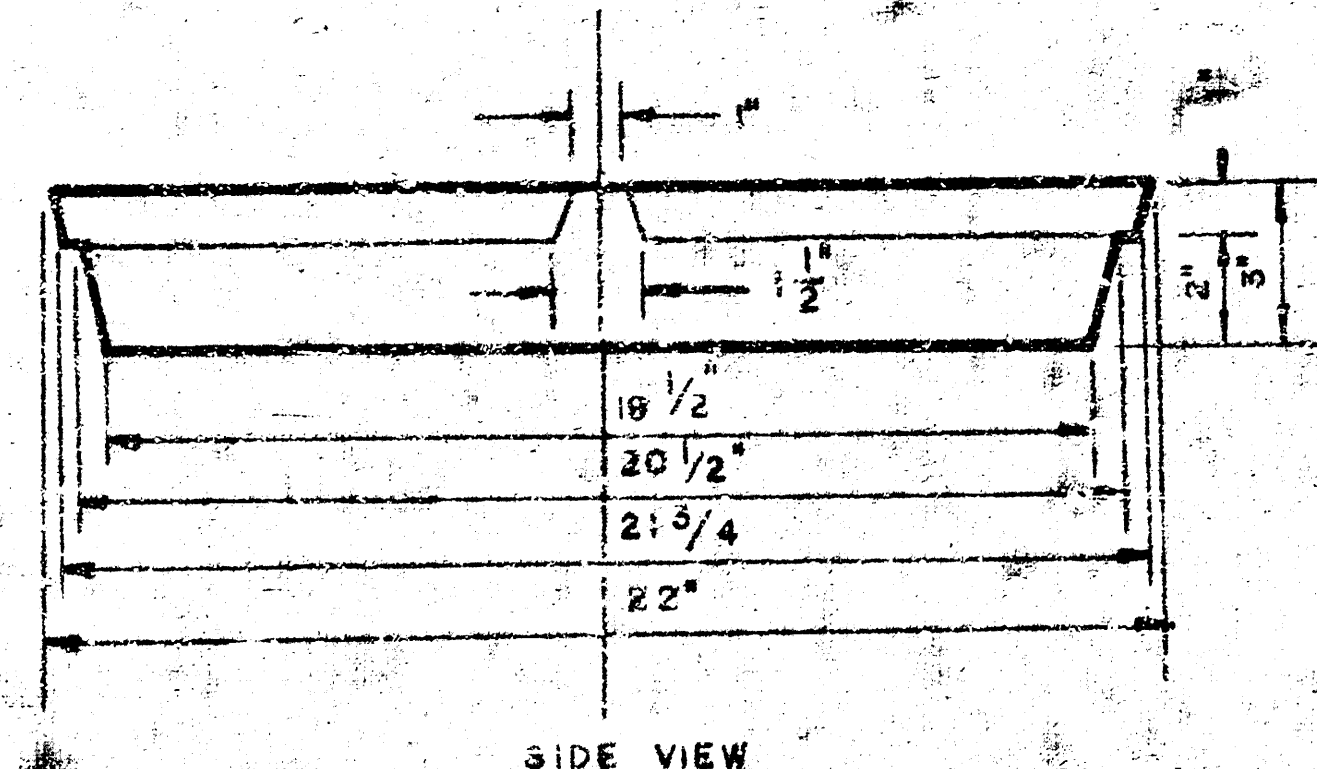


MANHOLE COVER

WEIGHT 110 LBS.

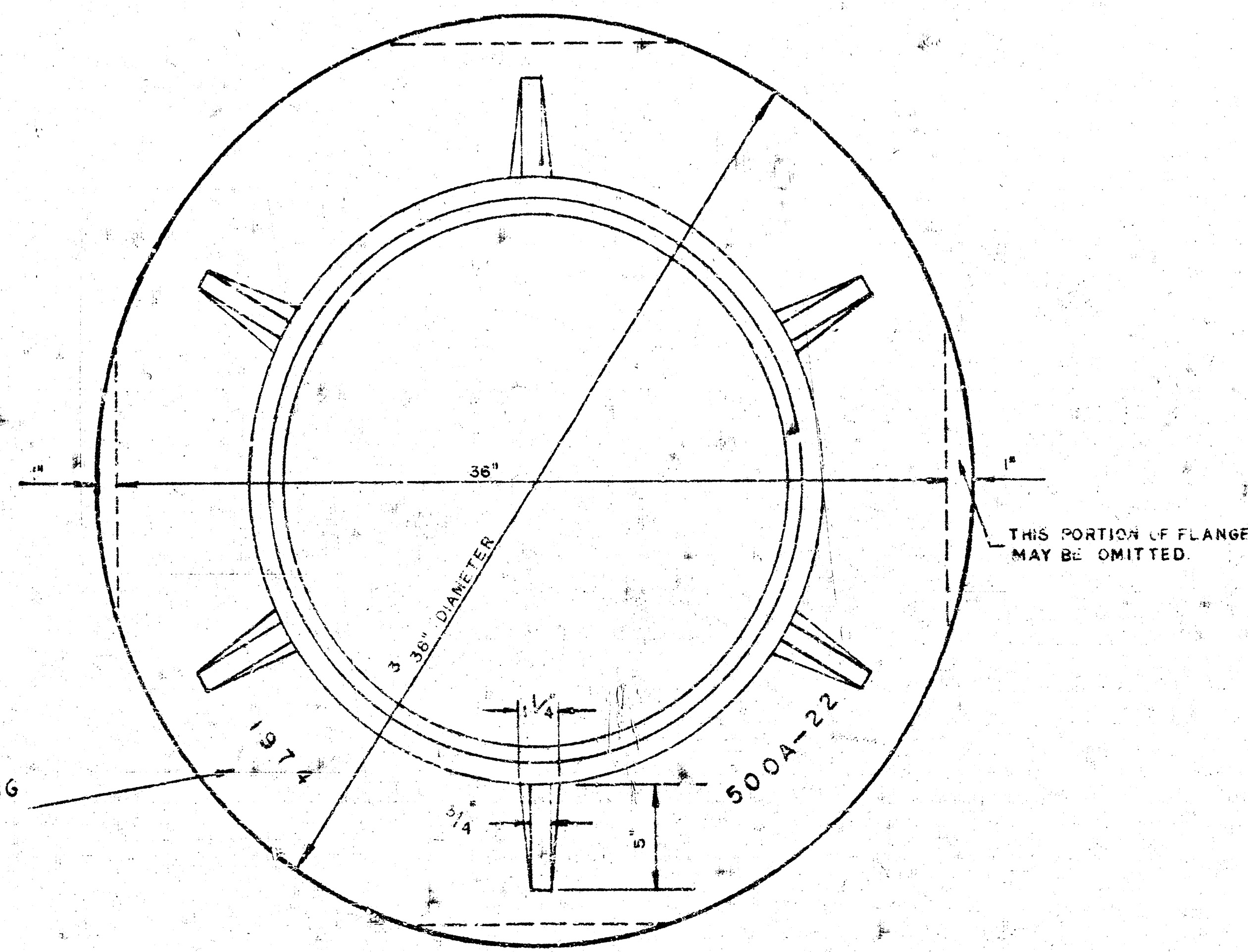
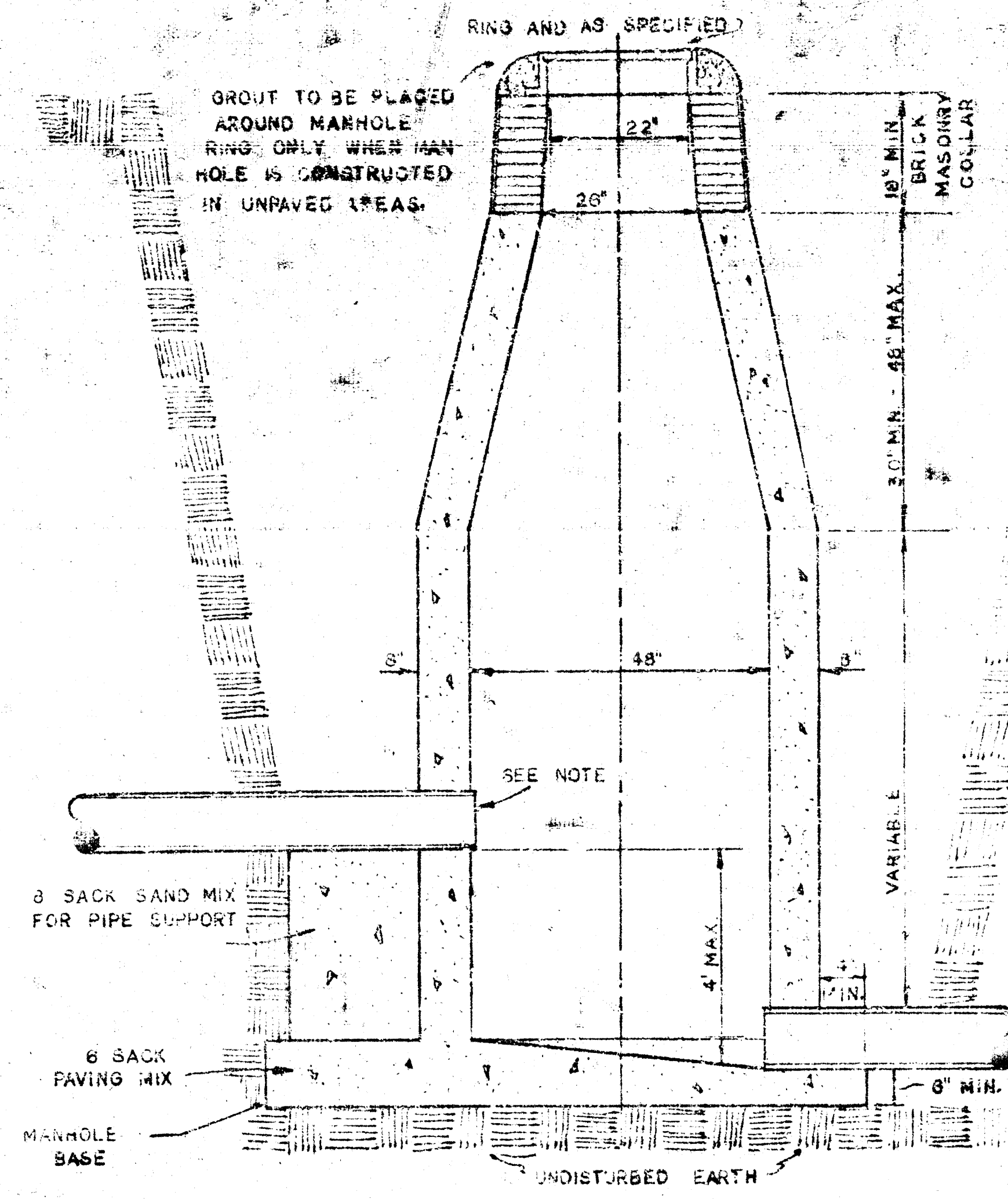


MANHOLE COVER



MANHOLE COVER

DROP MANHOLE, TYPE "C"

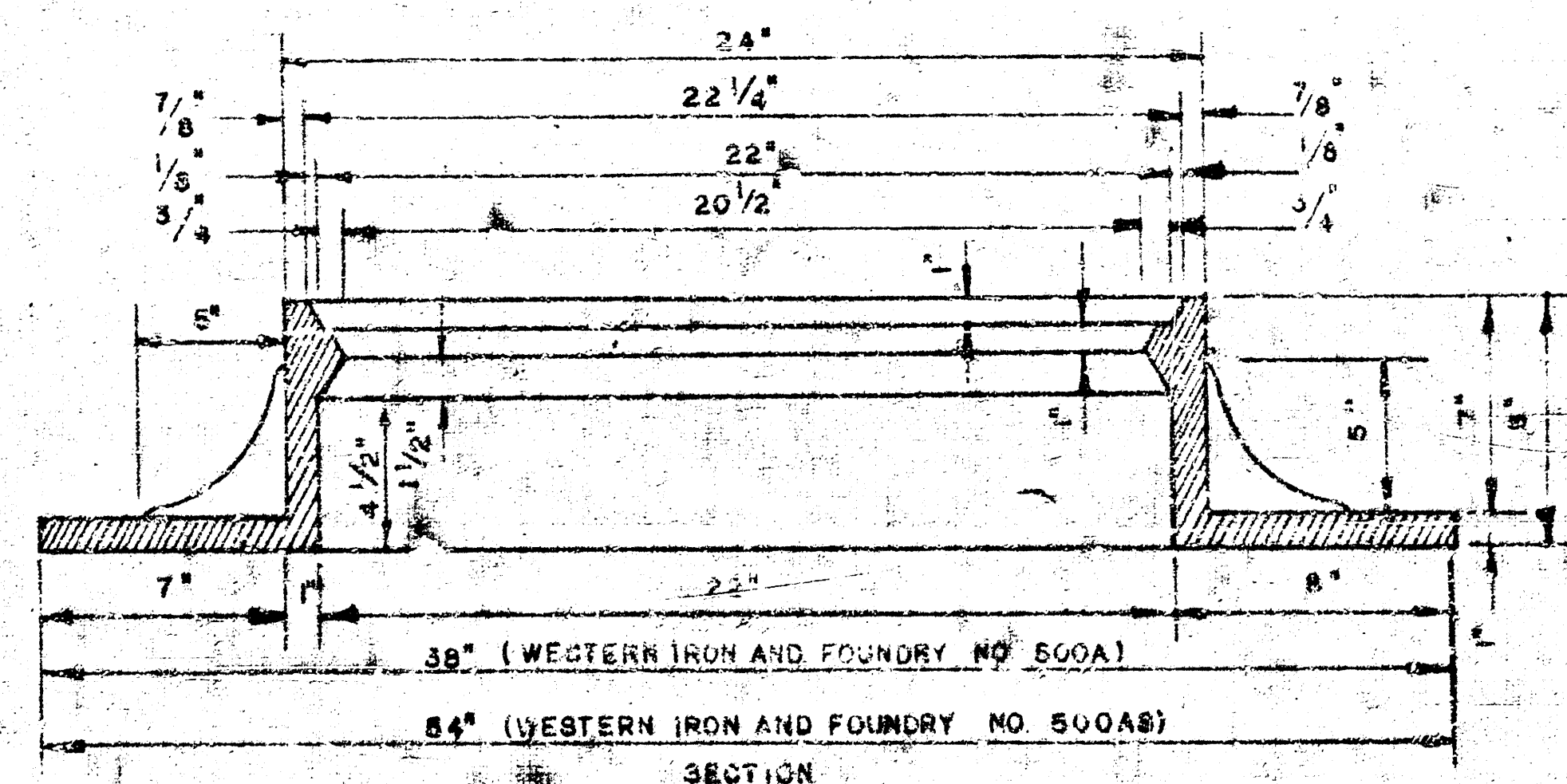


MANHOLE RING

WEIGHT 325 LBS. RING NO. 500A
WEIGHT 800 LBS. RING NO. 500AS

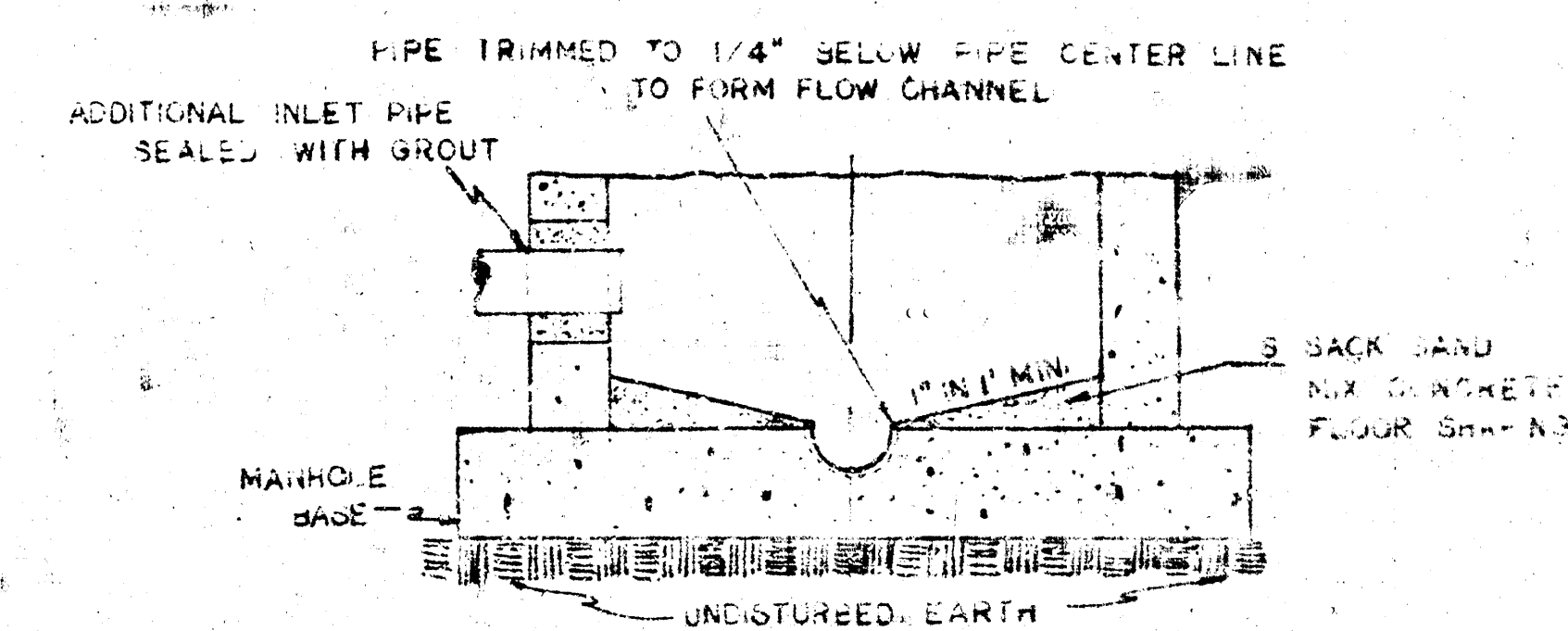
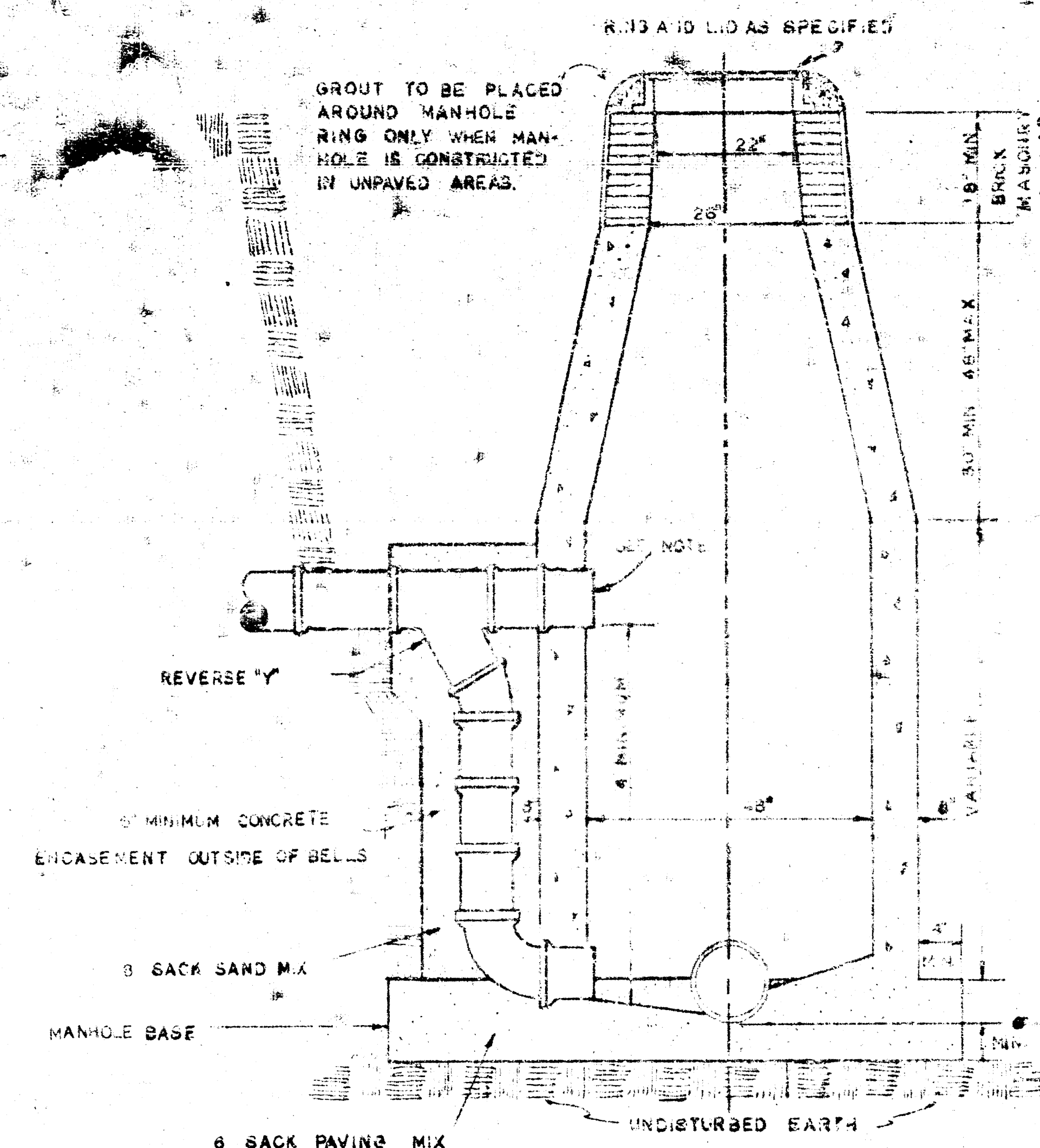
OUTSIDE CIRCUMFERENCE OF COVER AND THE INNER FACE AND SEAT OF RING TO BE MACHINE FIT

YEAR CASTING IS MADE



MANHOLE RING

OUTSIDE DROP MANHOLE, TYPE "C"



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.

GENERAL NOTES

MORTAR USED IN MASONRY CONSTRUCTION SHALL CONTAIN 3 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 4 FT. UNLESS INDICATED OTHERWISE. MANHOLES WITH PIPE SIZES LARGER THAN 24" SHALL BE 5 FT. DIAMETER.

THE FLOORS OF ALL MANHOLES SHALL BE SHAPED TO INCREASE HYDRAULIC EFFICIENCY USING 3 SACK SAND MIX CONCRETE.

CAST IN PLACE CIRCULAR CONCRETE MANHOLES ARE TO BE CONSTRUCTED ONLY ON SEWERS NOT SUBJECT TO DETERIORATION 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.

DBKW 704037
WESTWAY SHOPPING CENTER

DETAILS OF
SEWER APPURTENANCES
ADOPTED AS STANDARD DESIGN

BY
ENGINEERING DIVISION
CITY OF WICHITA, KANSAS
R. W. LINN CITY ENGINEER
1974