

LATERAL 1, MAIN 7, S.S. NO. 23

PROJECT NO. DBKL 574091

CITY OF WICHITA, KANSAS

R.W. LINN CITY ENGINEER

SEPTEMBER, 1974

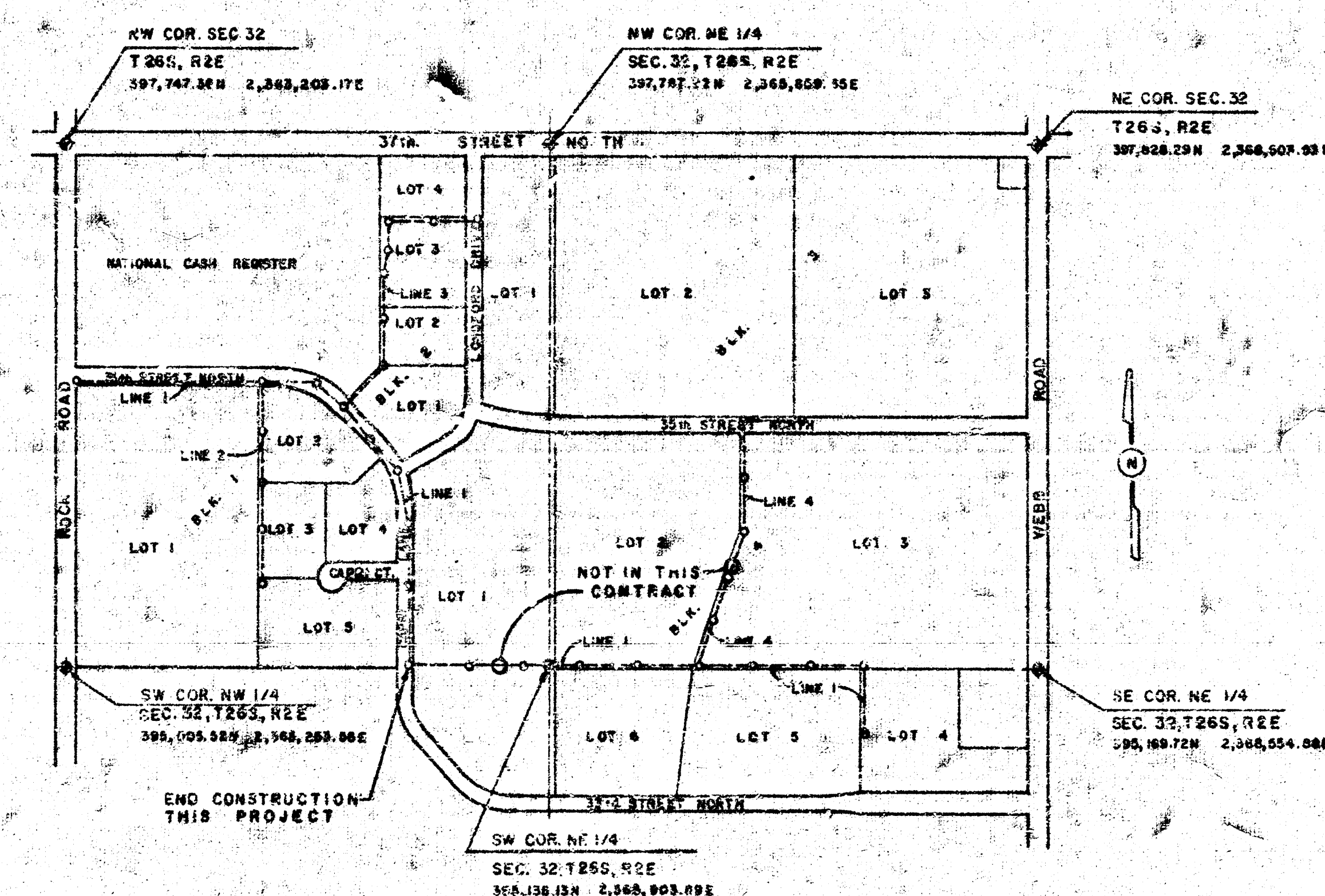
NOTES:

Sand Backfill in place including cost of sand, placing, jettling and vibrating shall be included in the price bid for Lin. Ft. of sewer pipe.

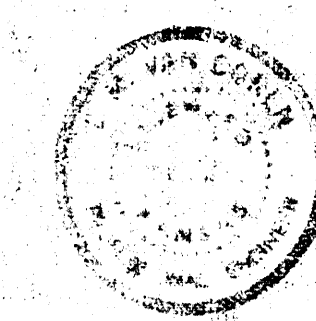
The cost of clearing right of way to facilitate construction of sanitary sewers shall be incidental to the project.

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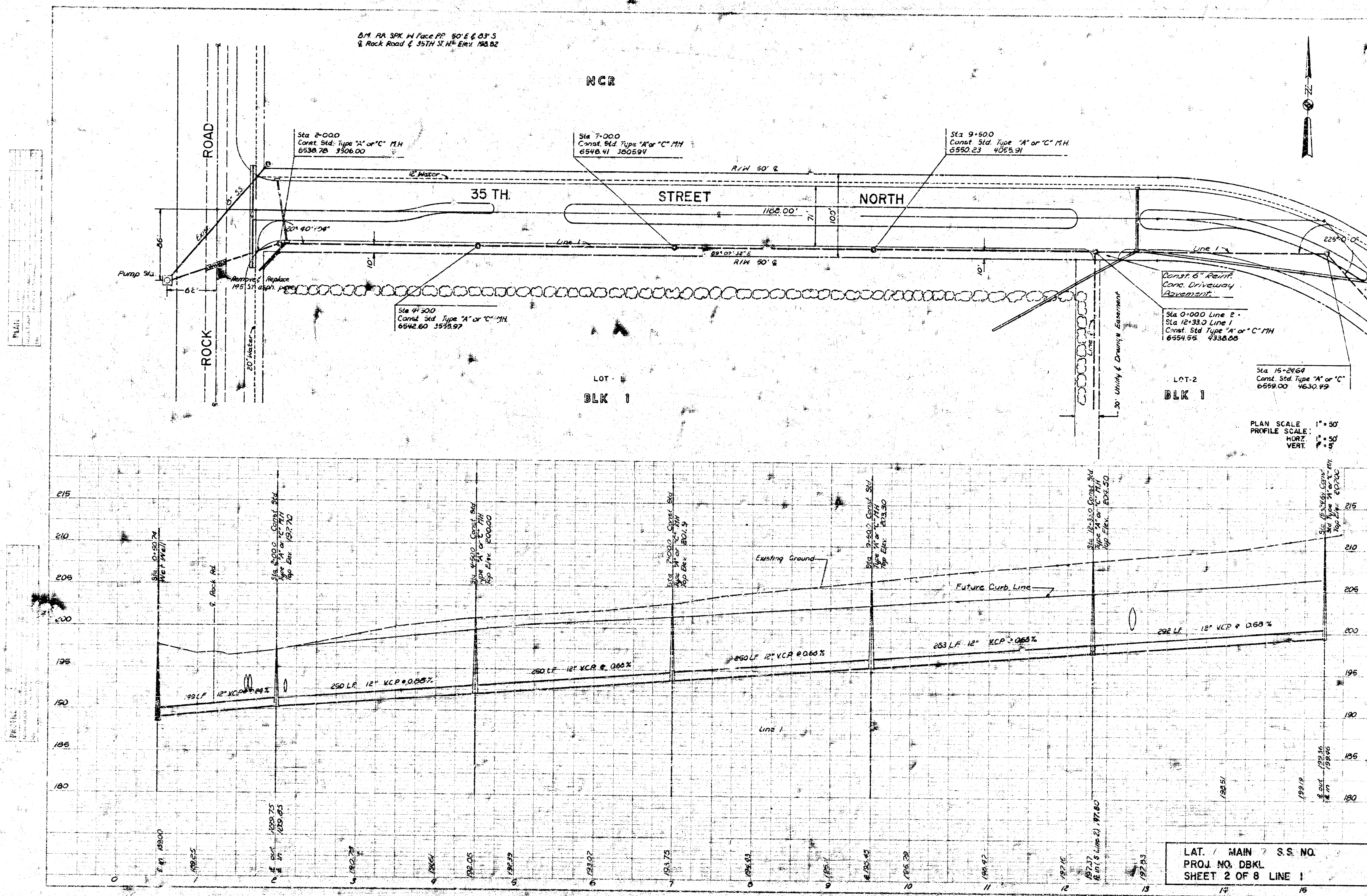


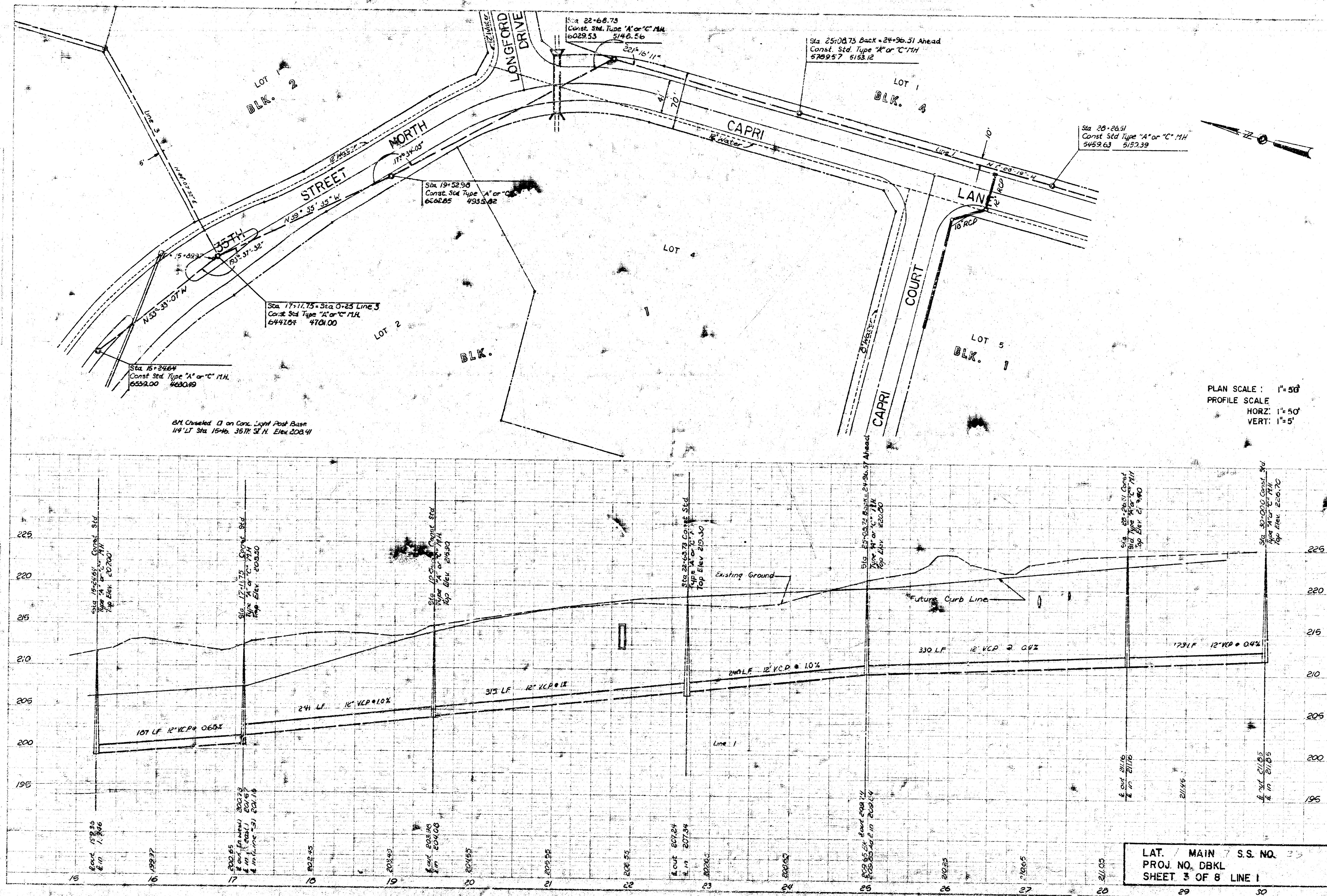
LOCATION MAP

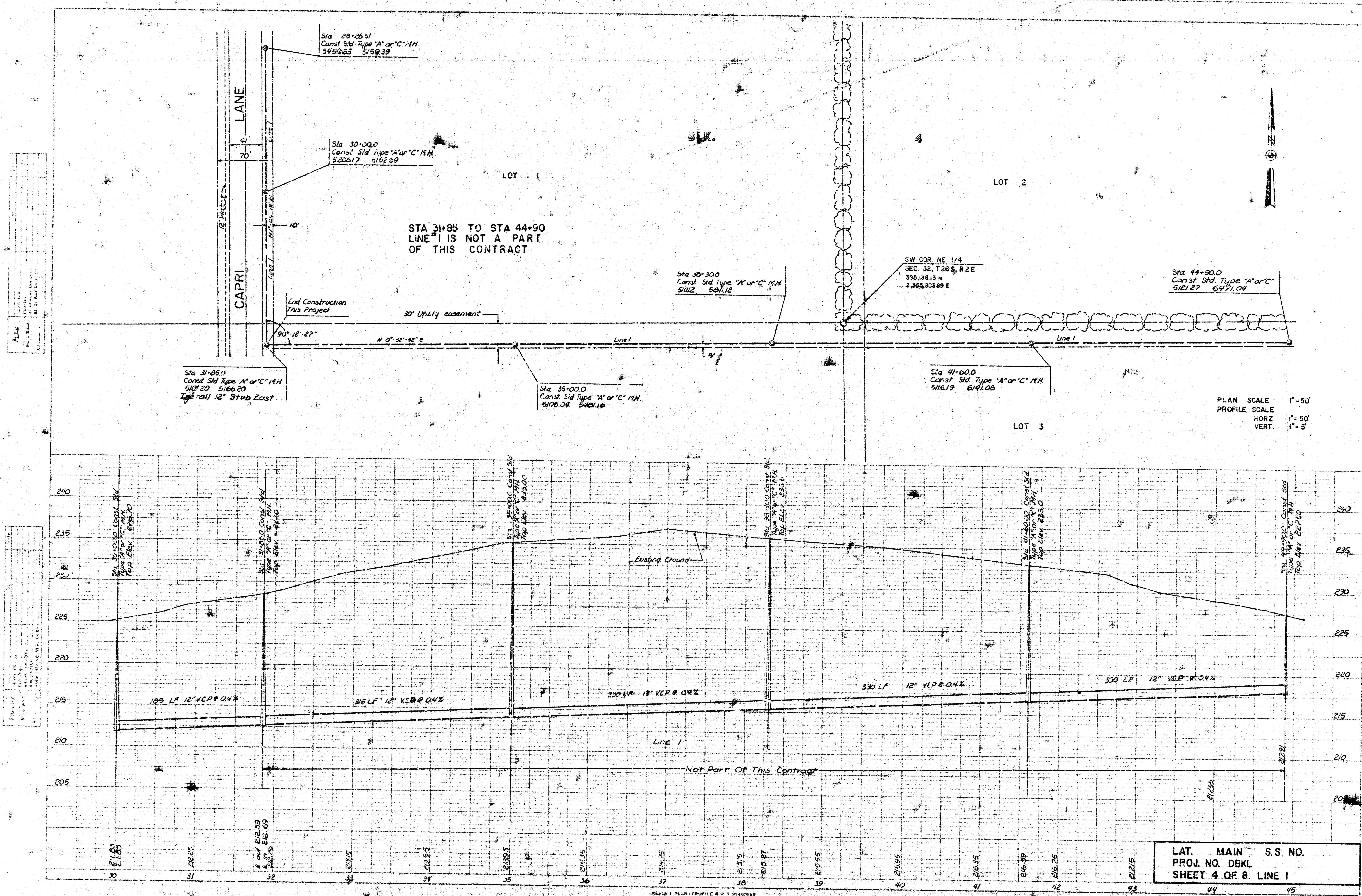


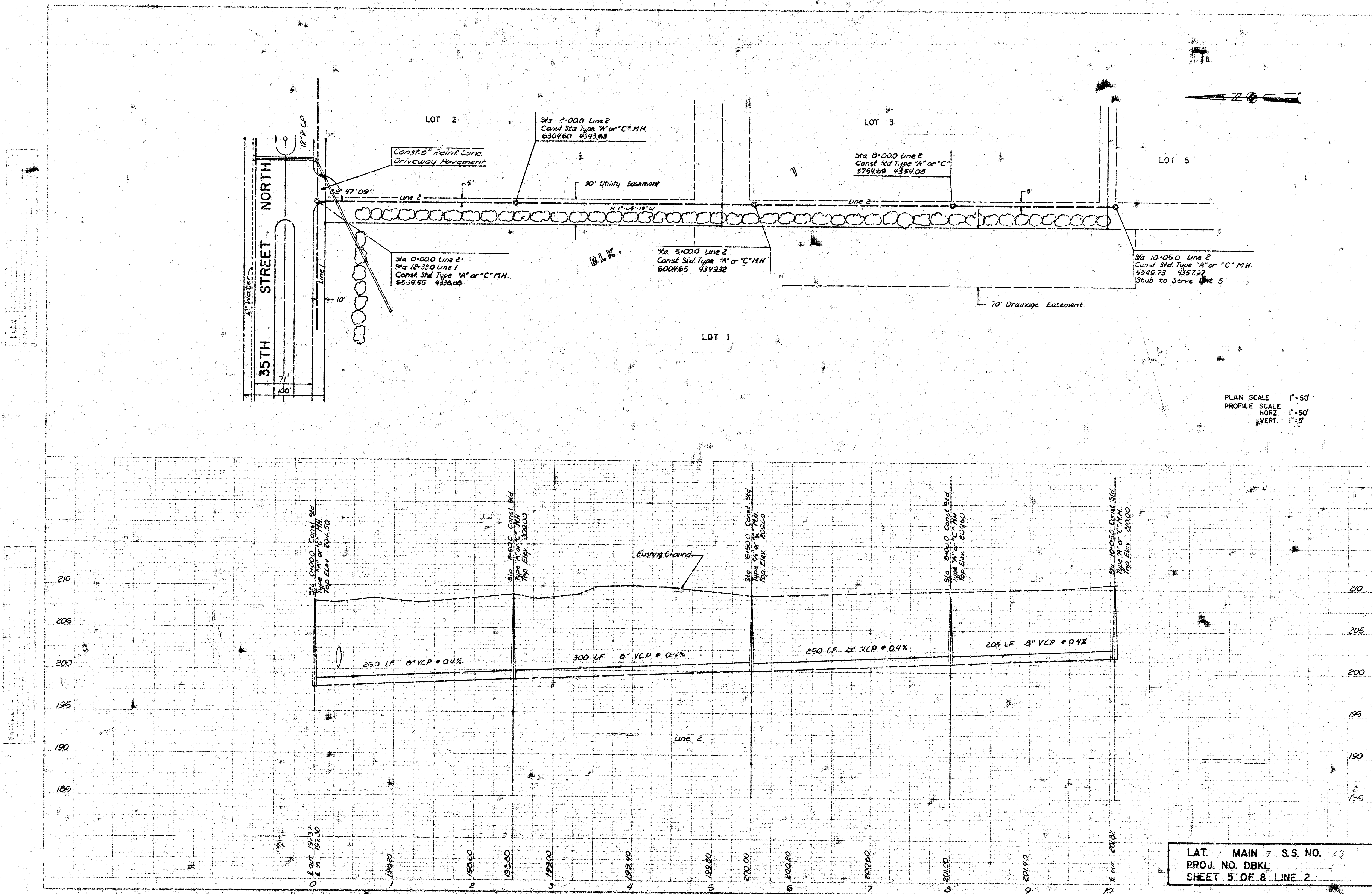
VAN DOREN-HAZARD-STALLINGS
ENGINEERS-ARCHITECTS ••• TUPEKA, KANSAS

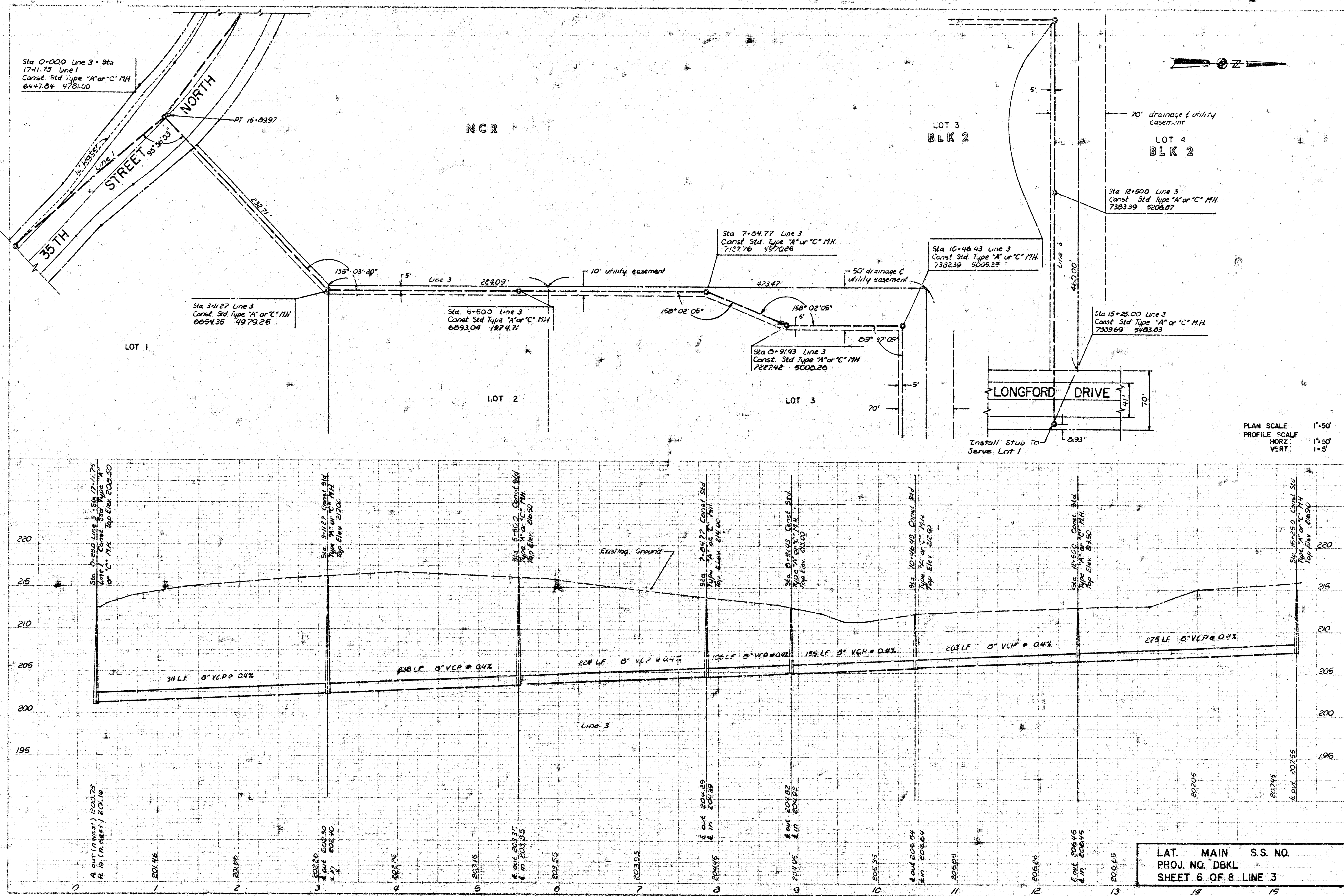
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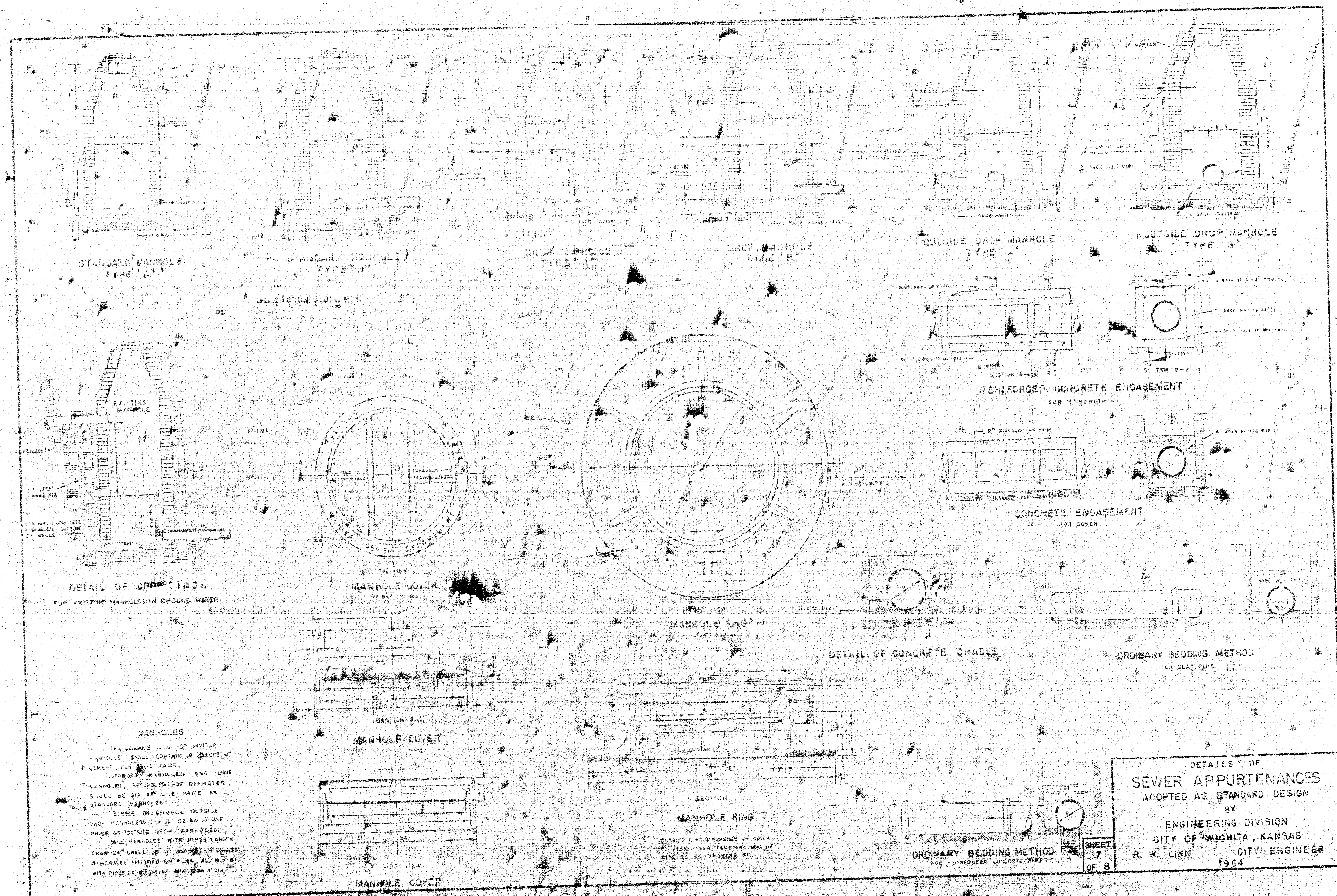




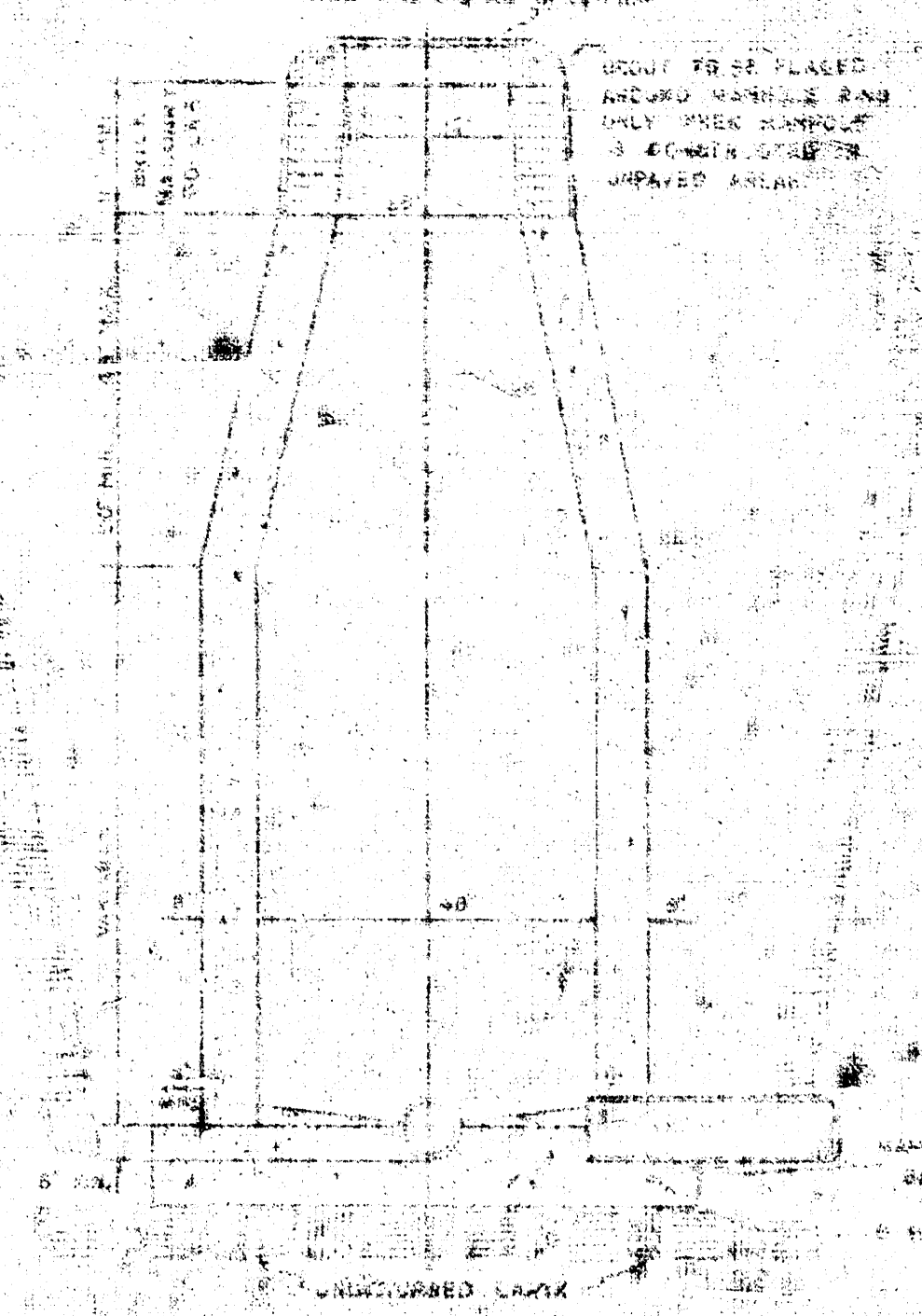




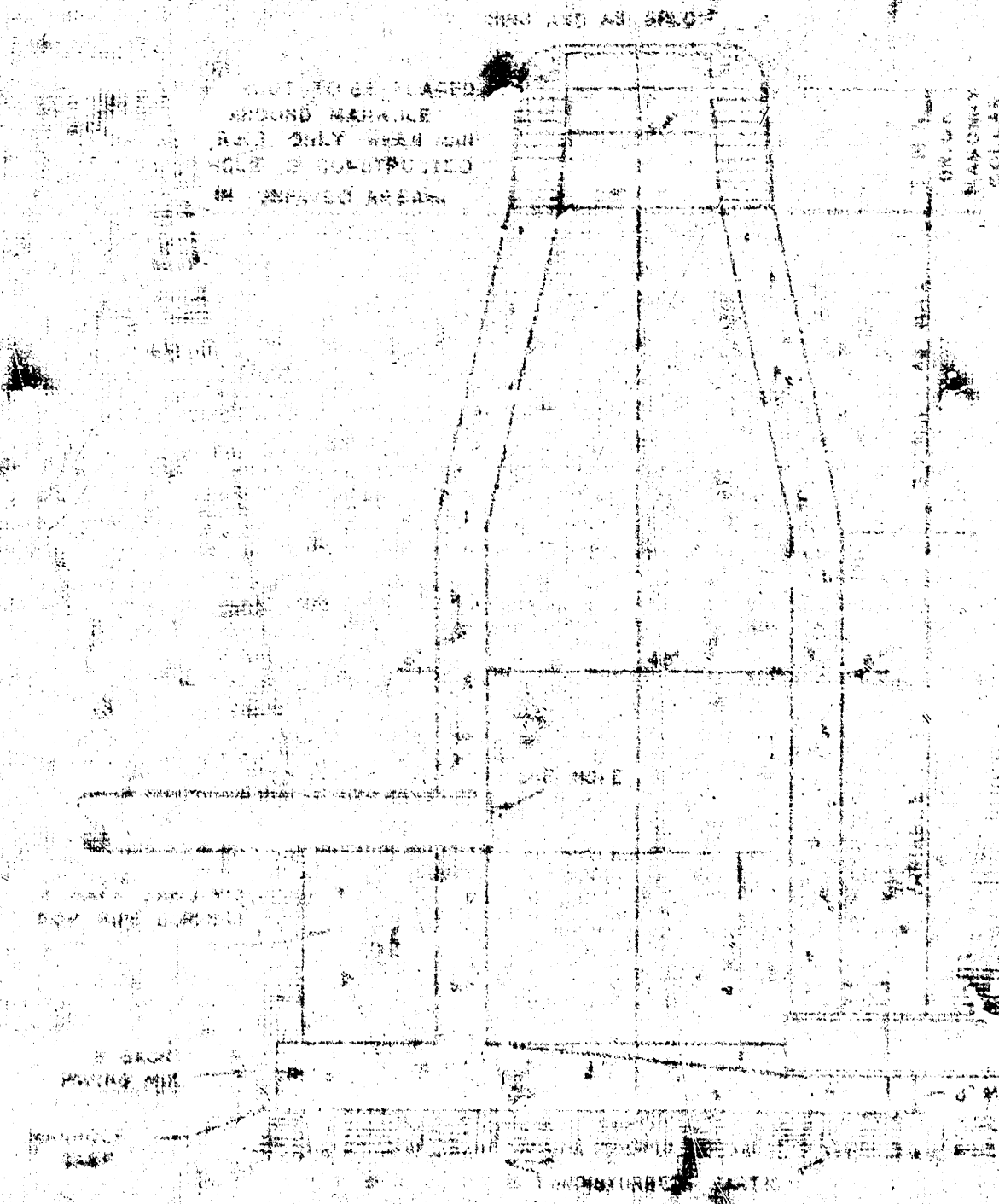




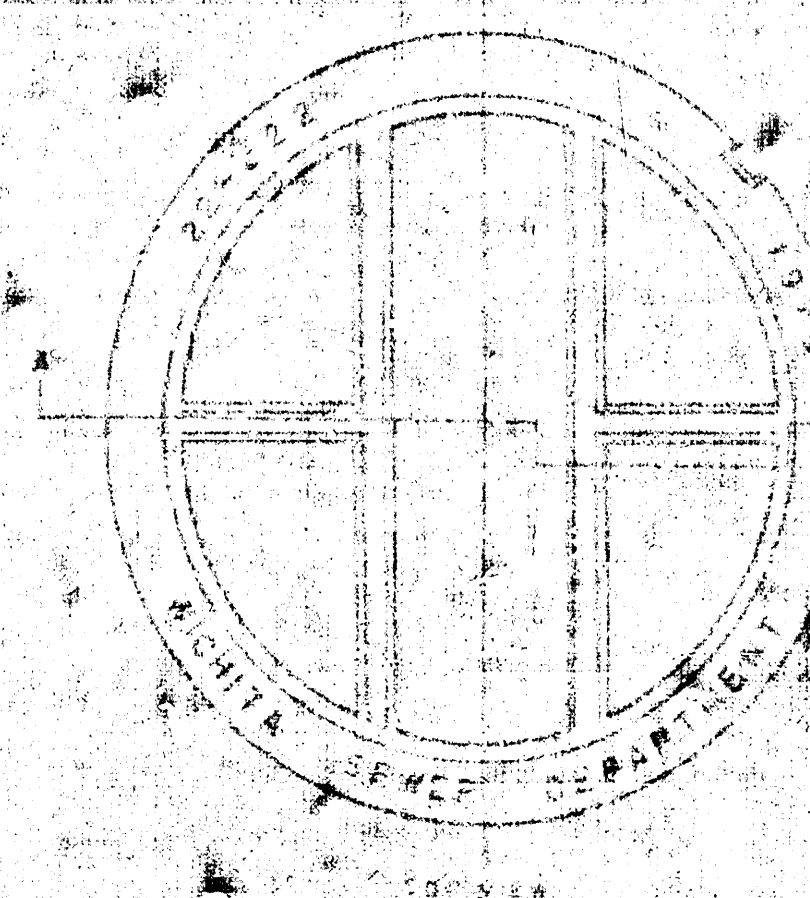
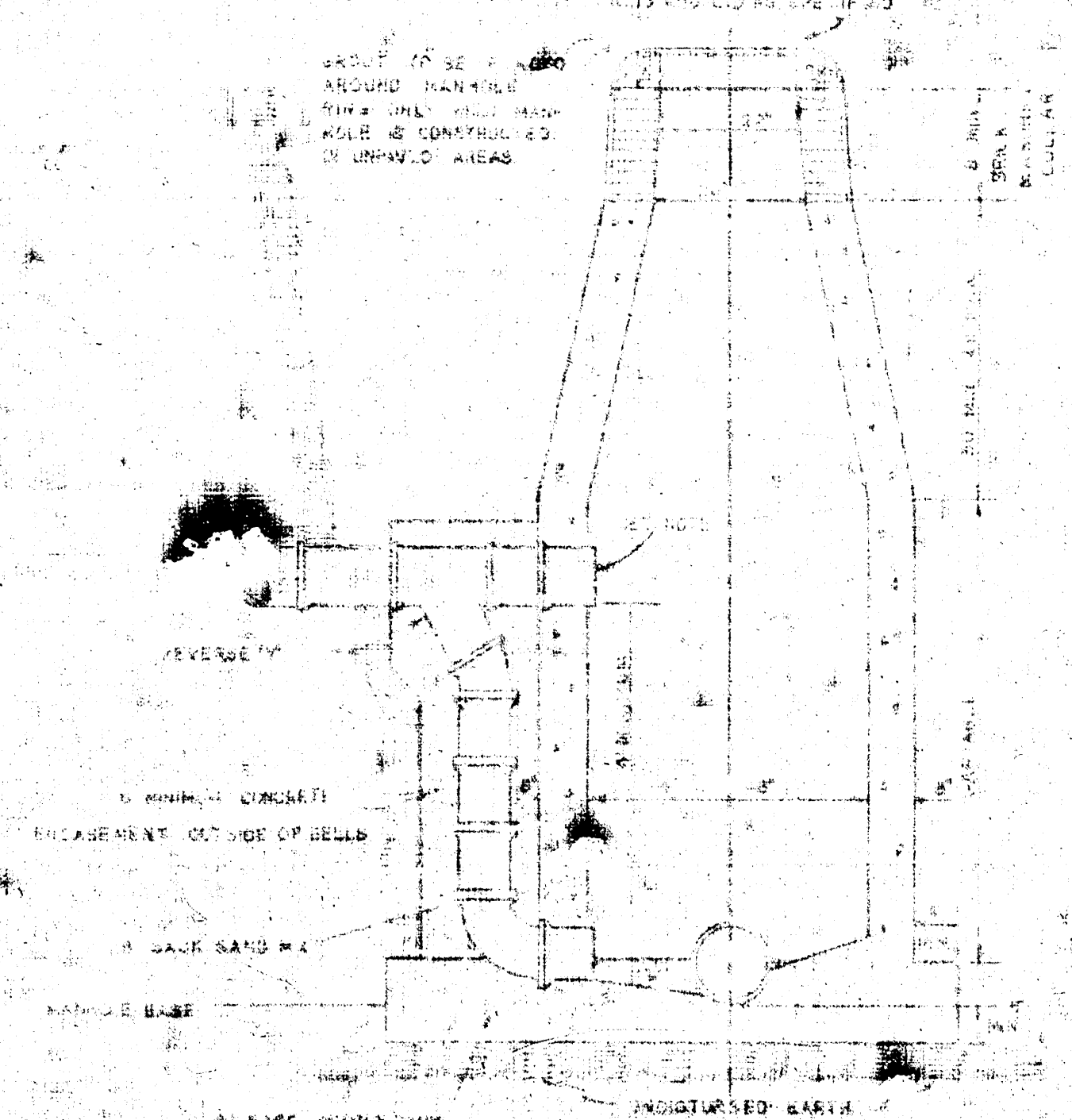
STANDARD MANHOLE, TYPE "A"



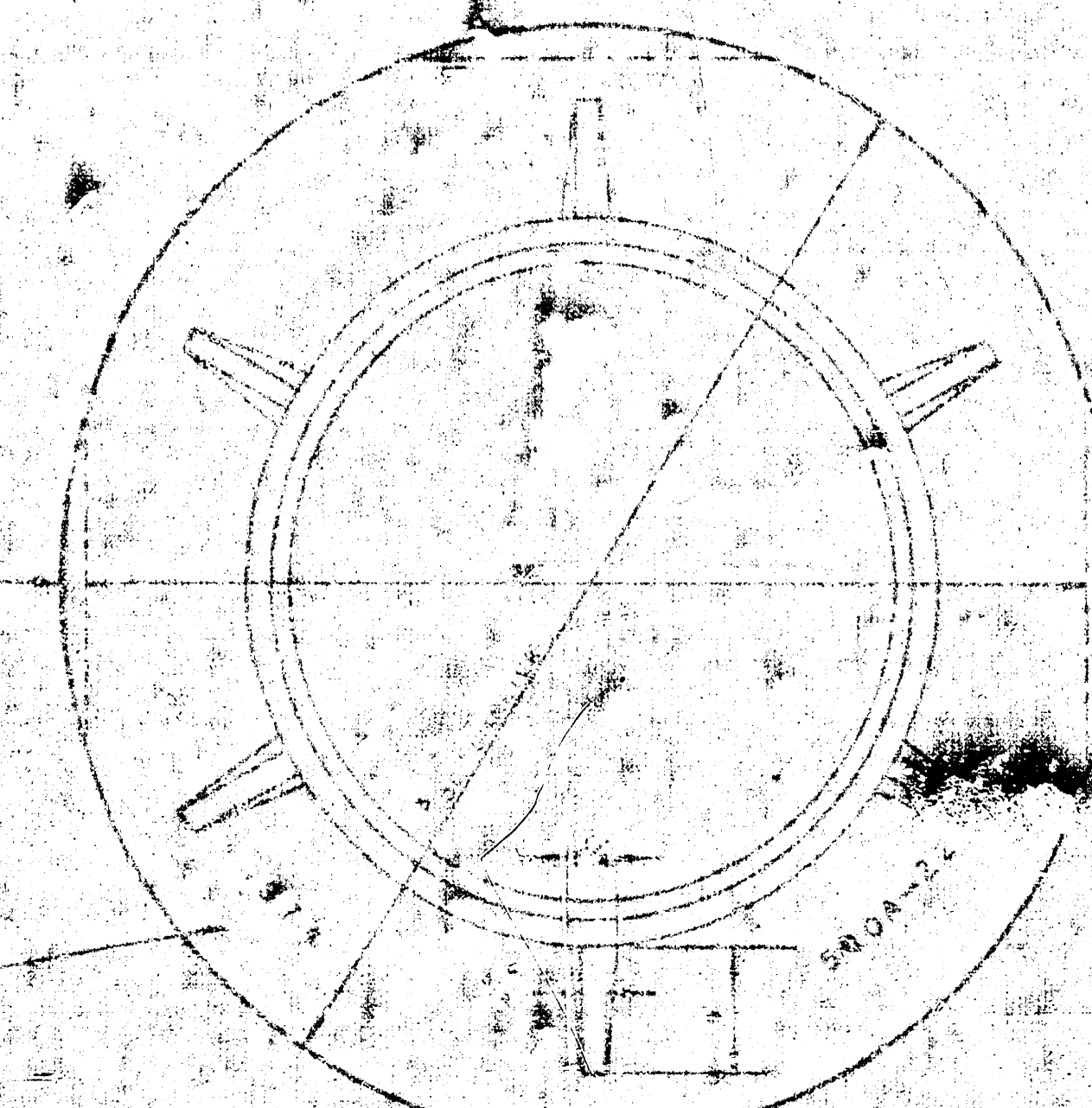
DROP MANHOLE, TYPE "C"



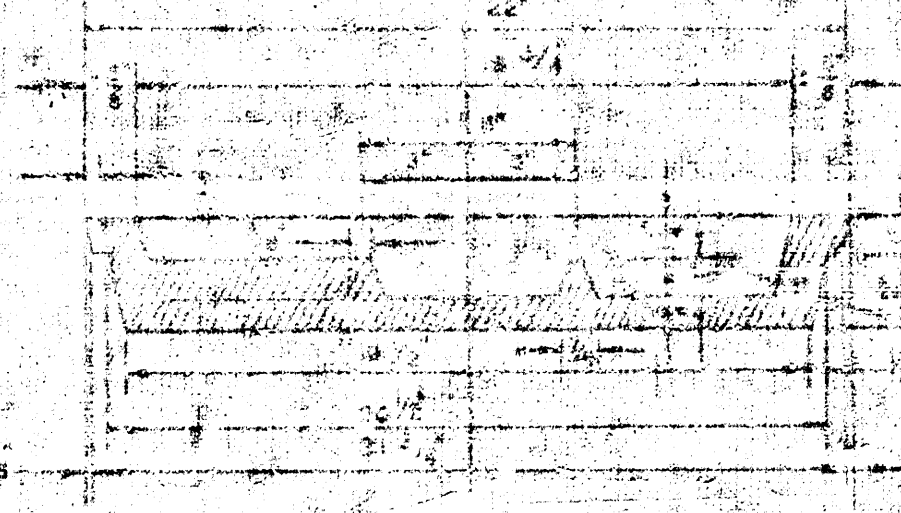
OUTSIDE DROP MANHOLE, TYPE "D"



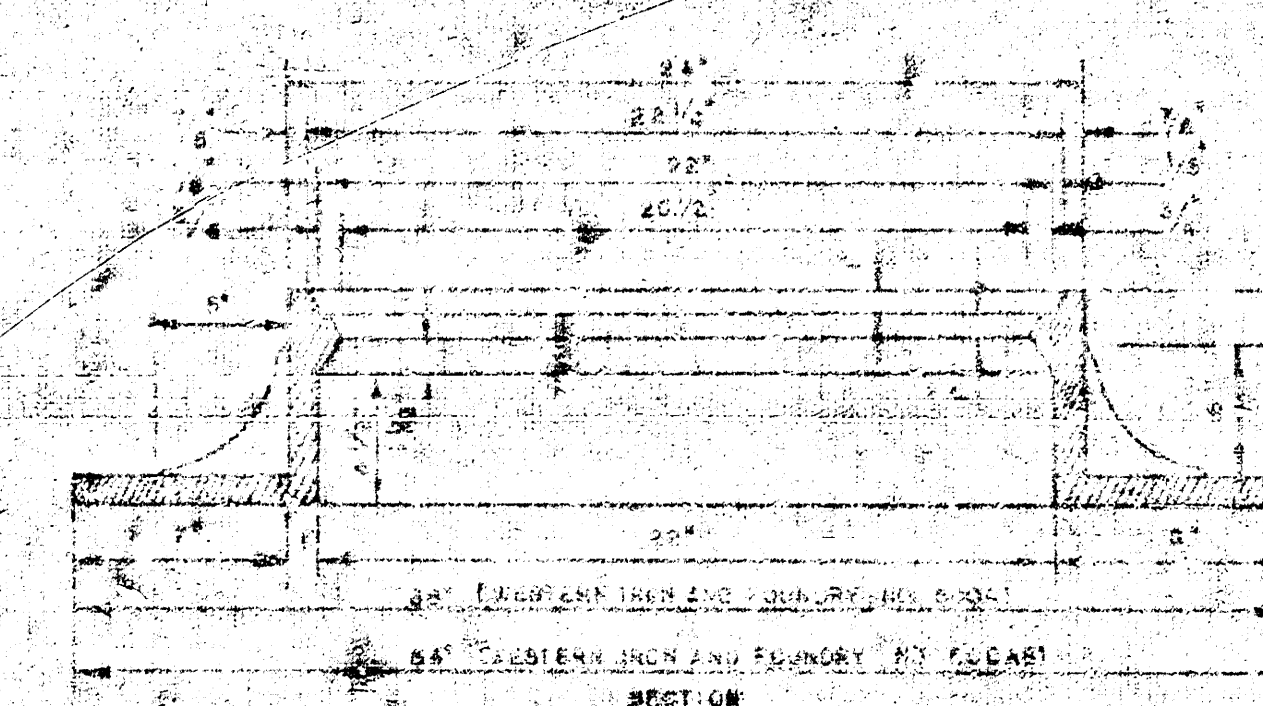
MANHOLE COVER



MANHOLE RING



MANHOLE COVER



MANHOLE RING

GENERAL NOTES

MANHOLE USED IN WASTEWATER CONSTRUCTION SHALL CONTAIN 8 BAGS OF CEMENT PER CUBIC YARD.

STANDARD MANHOLES TYPE "A" AND STANDARD DROP MANHOLES TYPE "C" SHALL BE 60" AS STANDARD MANHOLES FOR THE TYPE AND DIAMETER INDICATED.

OUTSIDE DROP MANHOLES TYPE "D" SHALL BE 60" AS STANDARD OUTSIDE DROP MANHOLES FOR THE TYPE AND DIAMETER INDICATED. ALL MANHOLE DIAMETERS WILL BE 48" UNLESS INDICATED OTHERWISE. MANHOLES WITH PIPE DIAMETER LARGER THAN 24" SHALL BE 60" DIAMETER.

THE FLOORS OF ALL MANHOLES SHALL BE GRADED TO INCREASE HYDRAULIC EFFICIENCY USING A SAND SAND MIX CONCRETE.

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

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

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

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