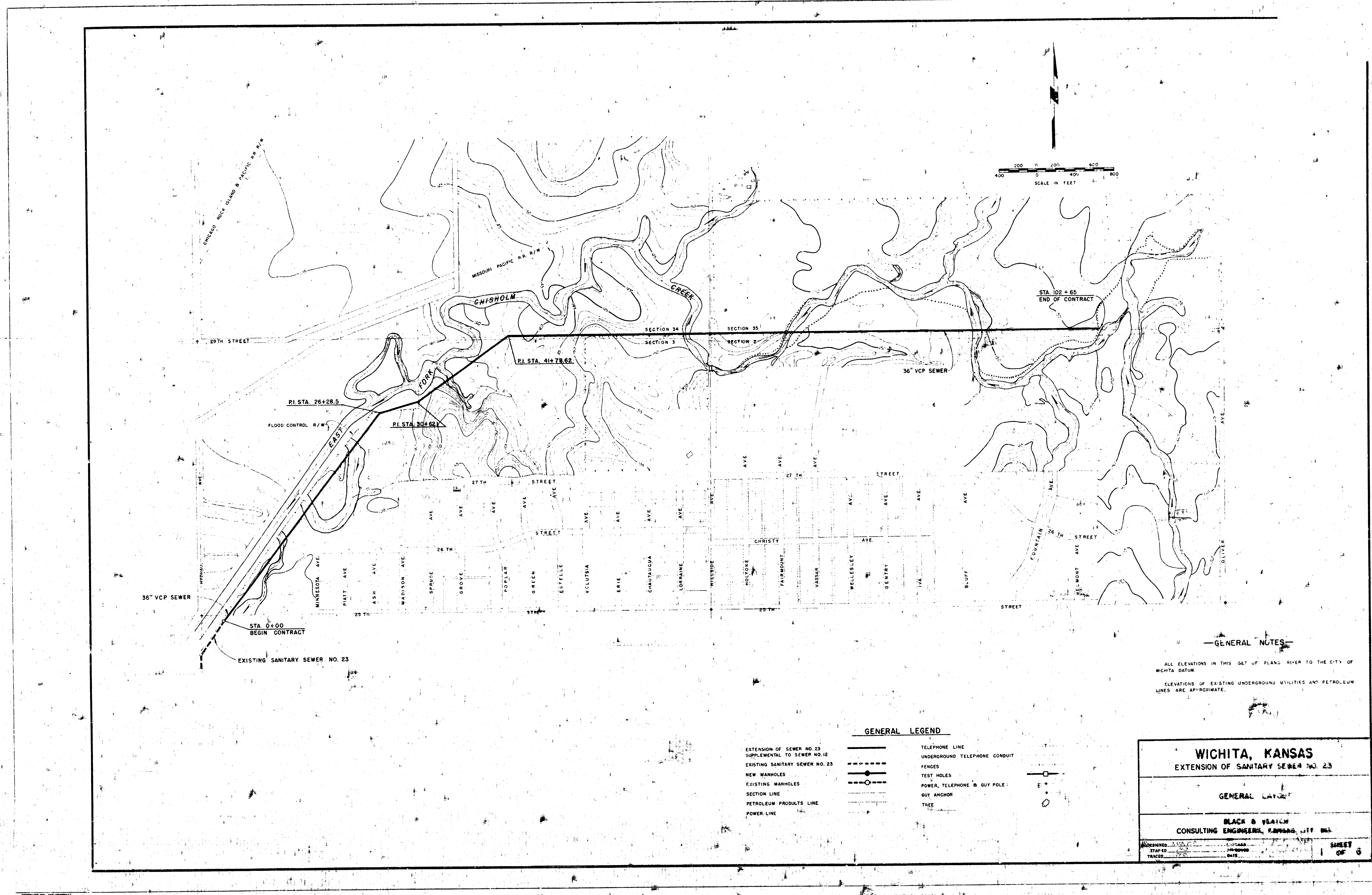
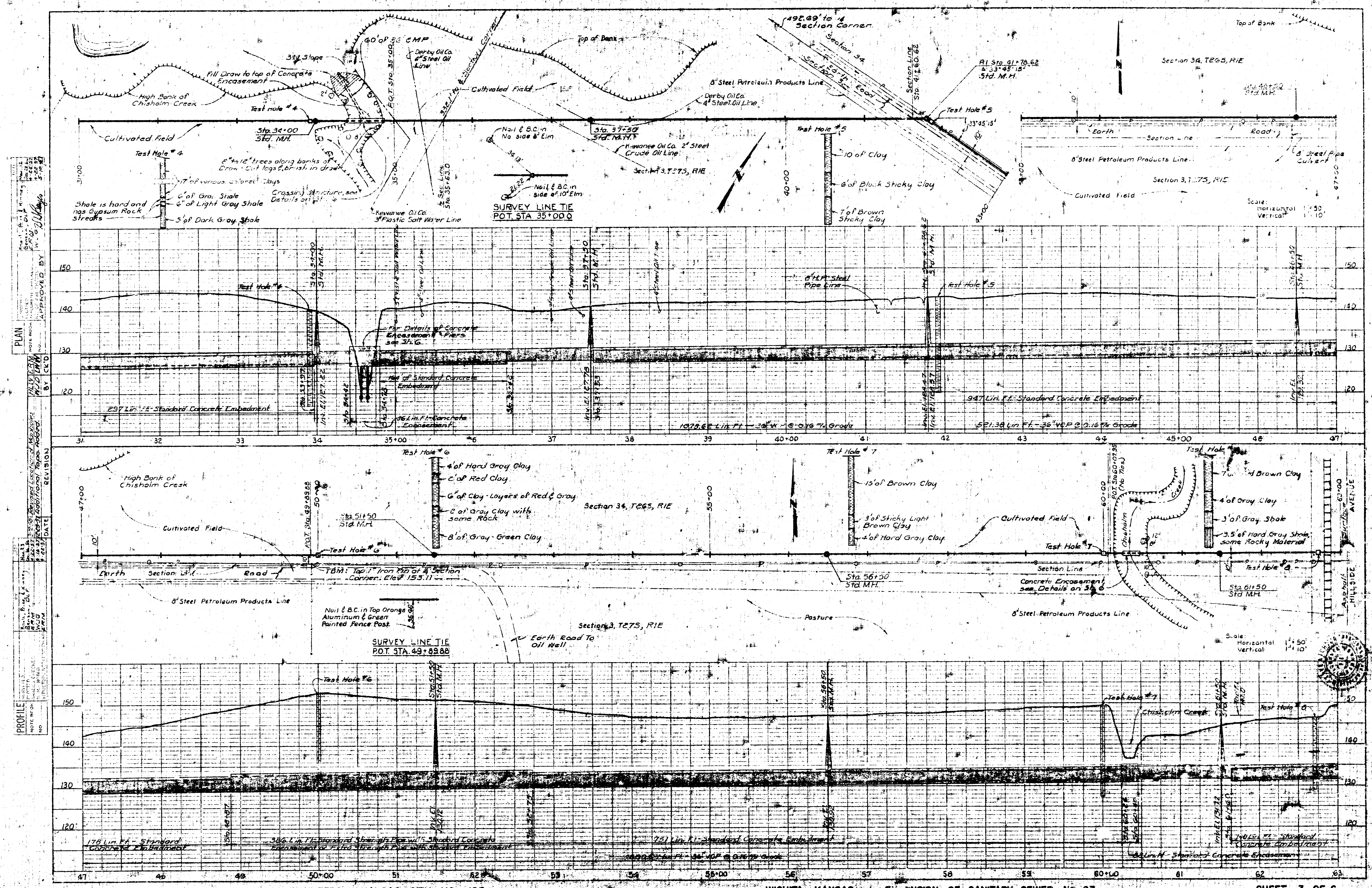
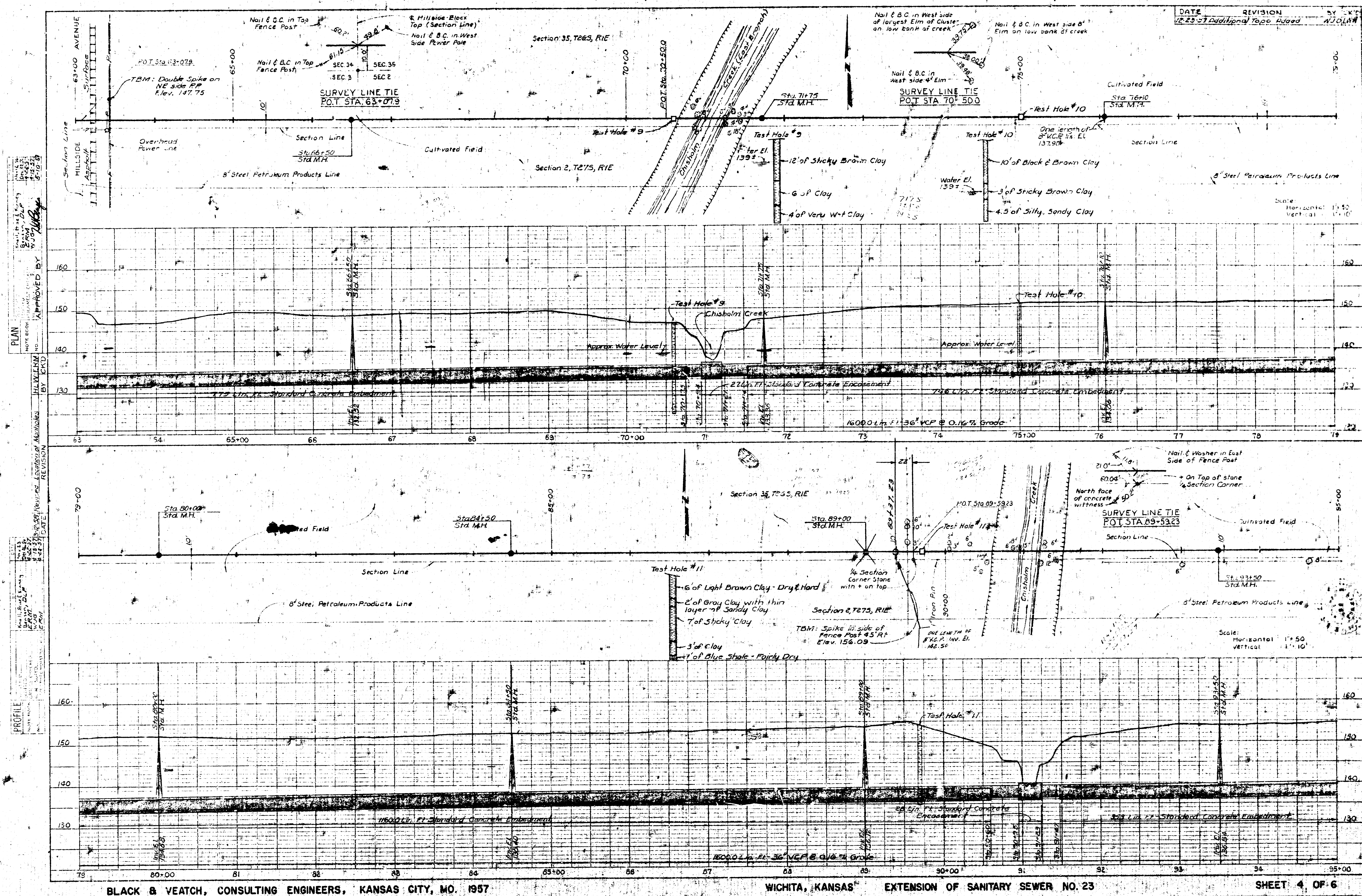


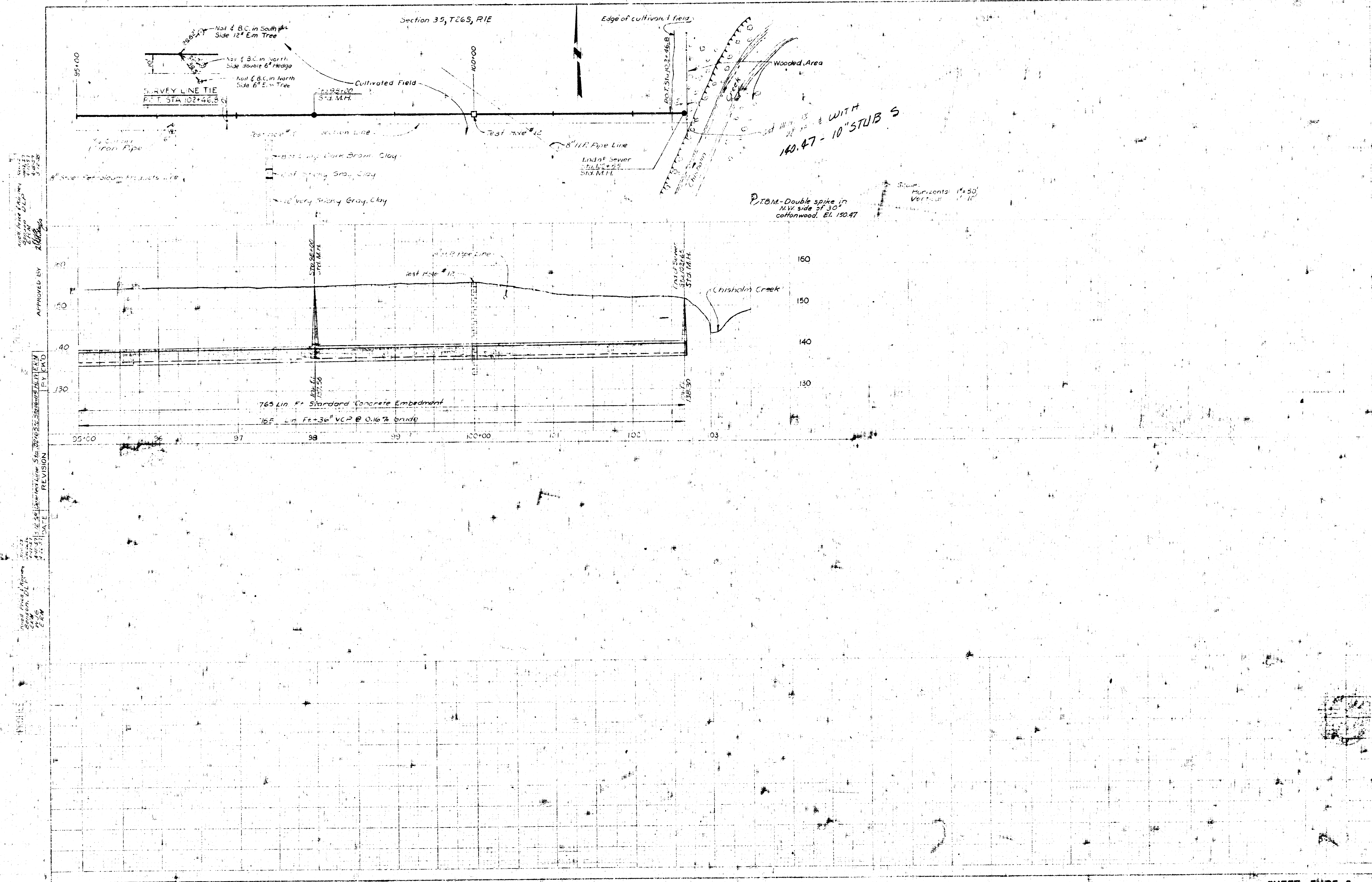
PLANS FOR
SEWERAGE IMPROVEMENTS
WICHITA, KANSAS
EXTENSION OF SANITARY SEWER NO. 23
(SUPPLEMENTAL TO SANITARY SEWER NO. 12)

BLACK & VEATCH
CONSULTING ENGINEERS
KANSAS CITY, MISSOURI
1957

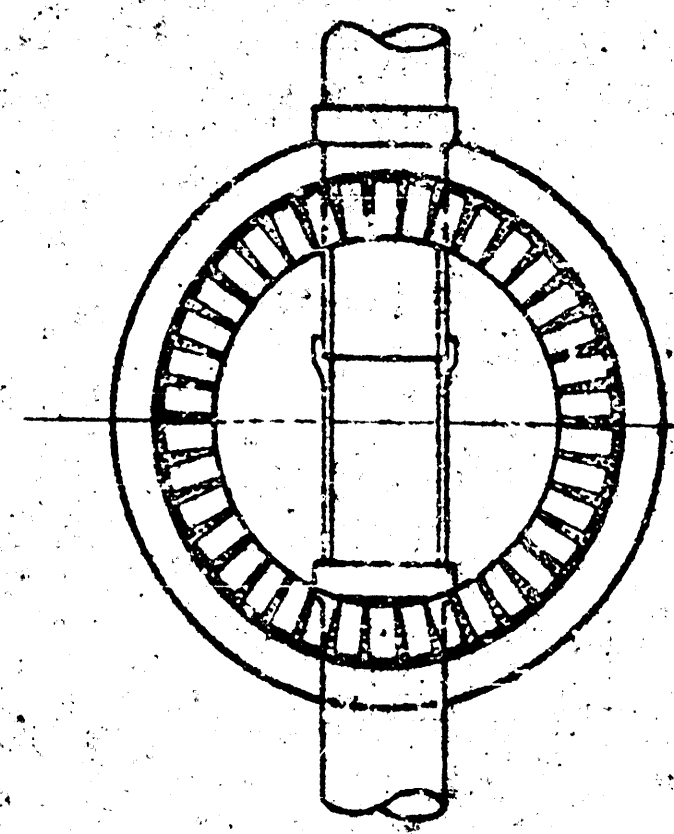




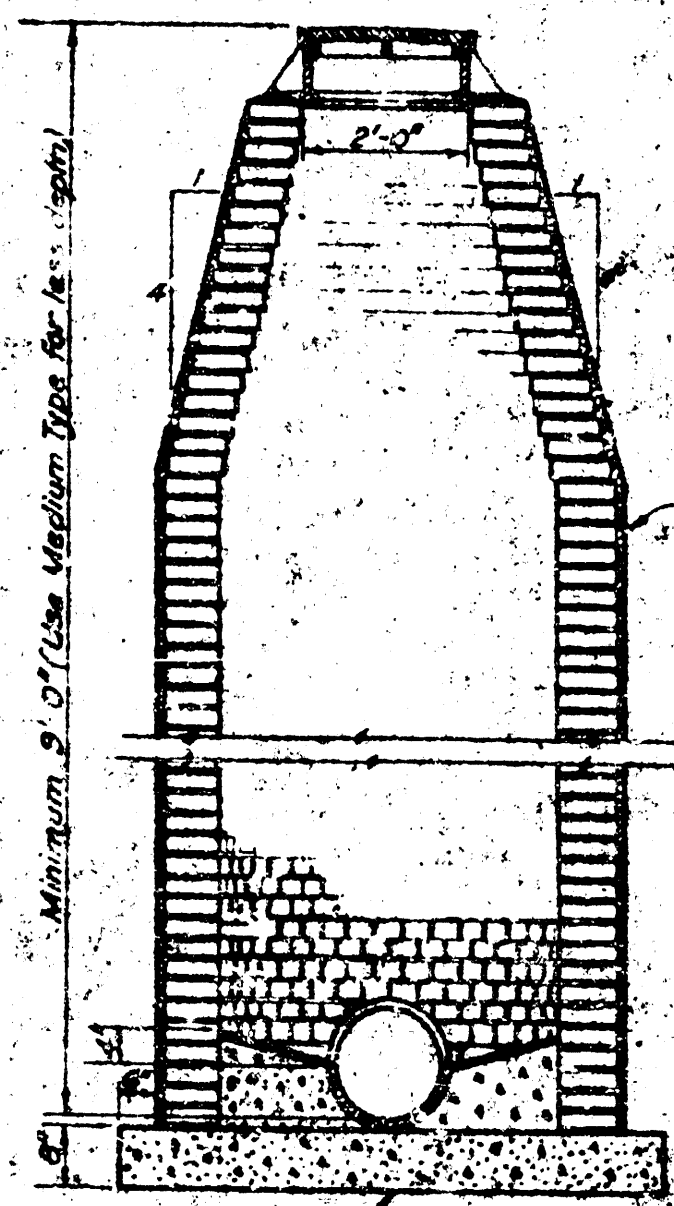




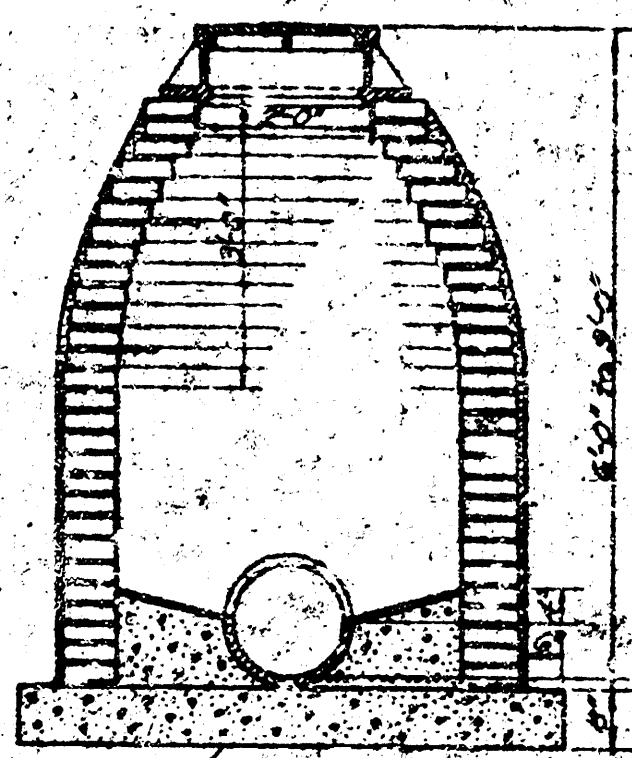
DATE	REVISION	BY	CHK'D
8-10-57	Update Conc. Manhole & C.I. Steps	WJD	LMH



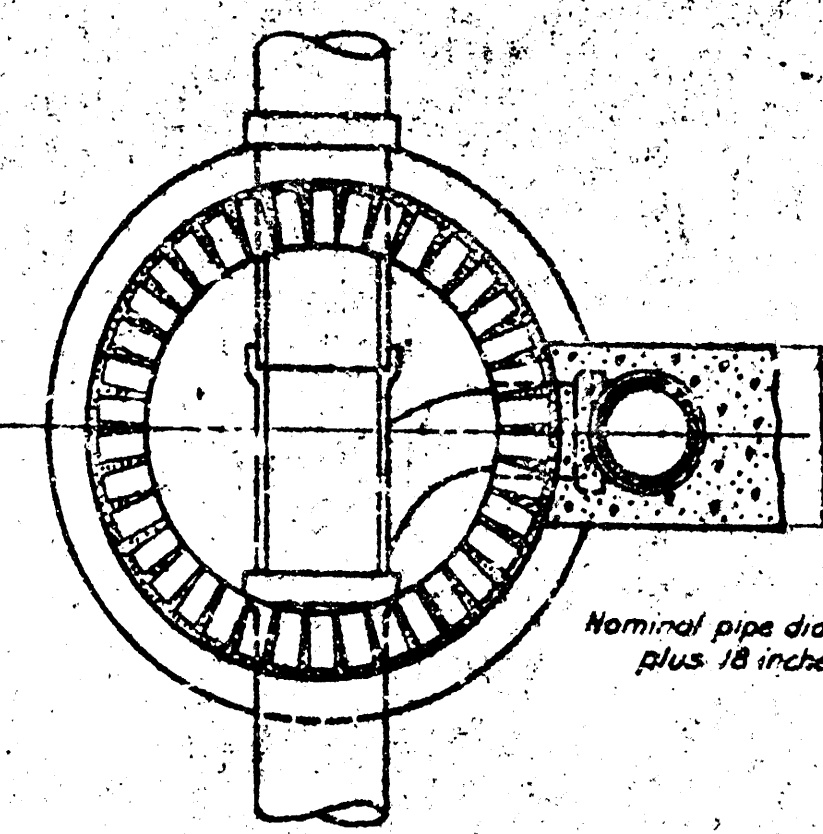
PLAN
STANDARD BRICK MANHOLE
STRAIGHT INVERT



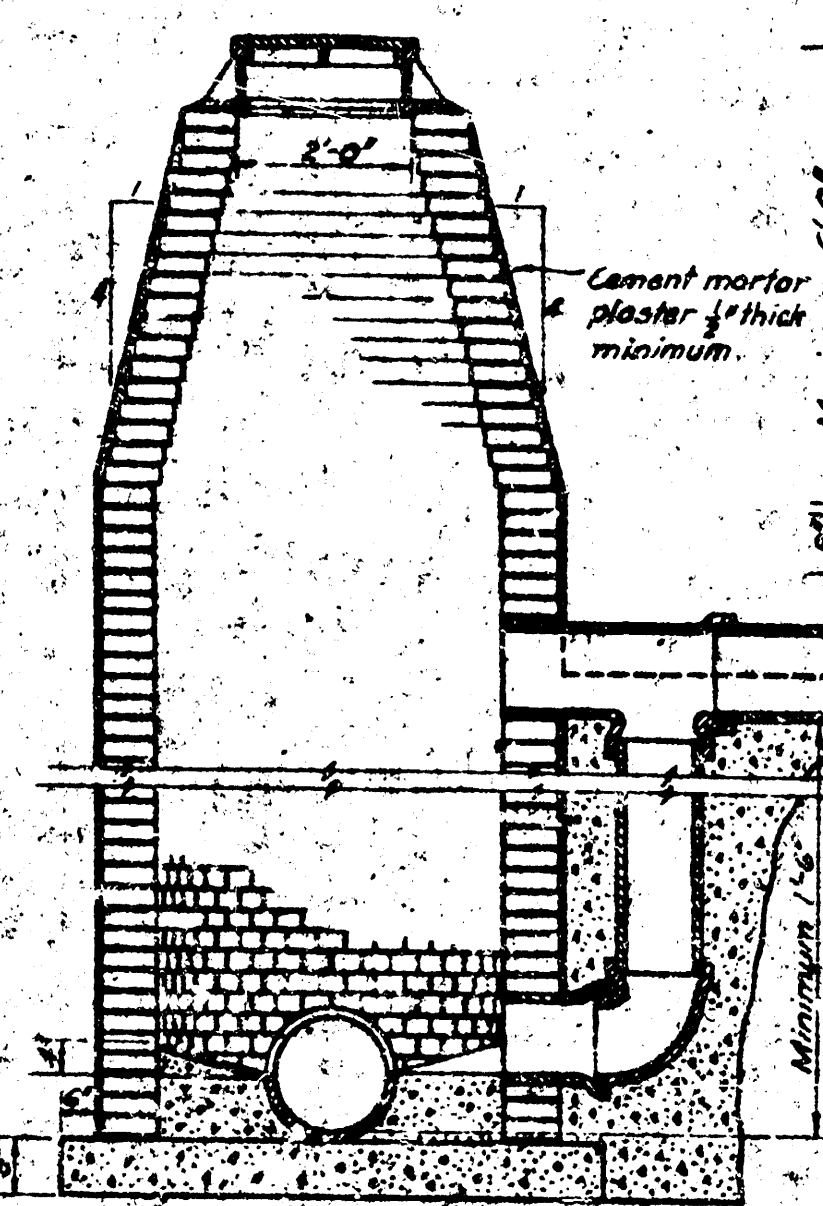
SECTION
STANDARD BRICK MANHOLE



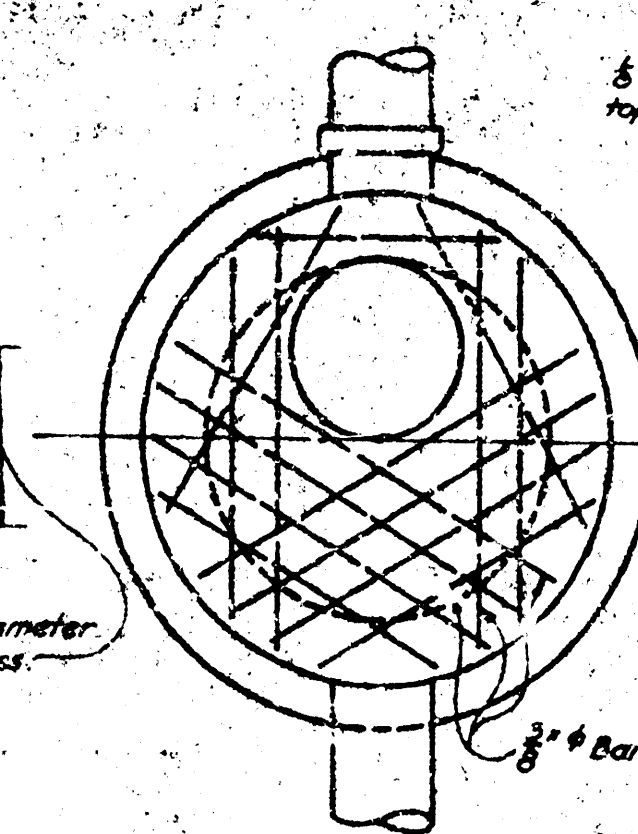
SECTION
STANDARD BRICK MANHOLE
FOR MEDIUM DEPTH



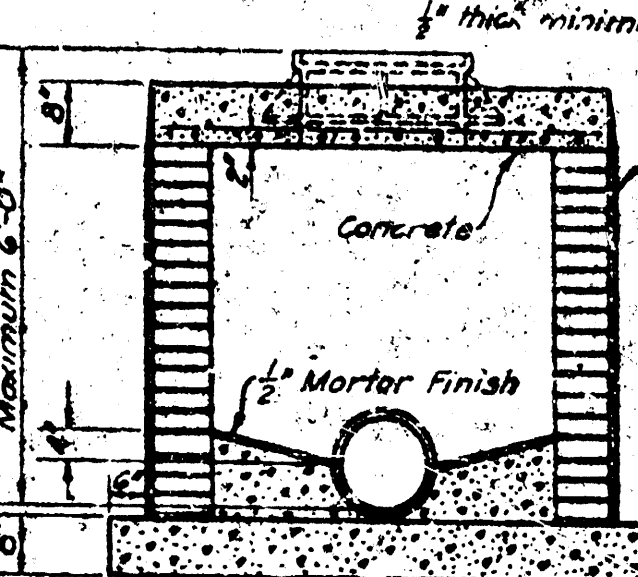
PLAN
DROP MANHOLE



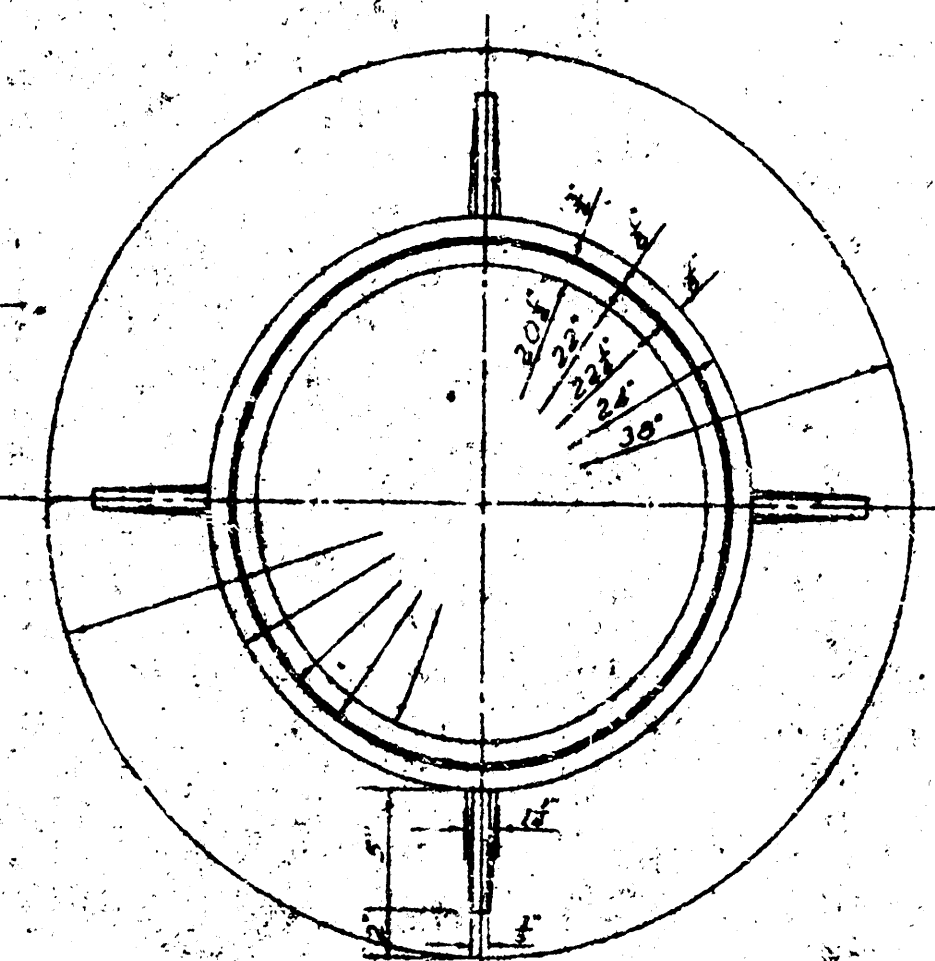
SECTION
DROP MANHOLE



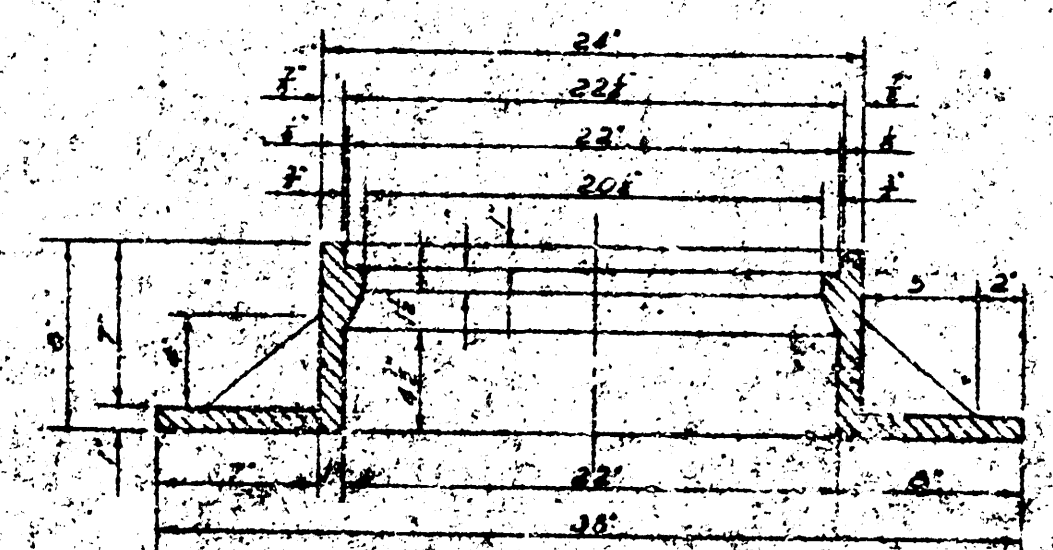
PLAN
STANDARD SHALLOW MANHOLE



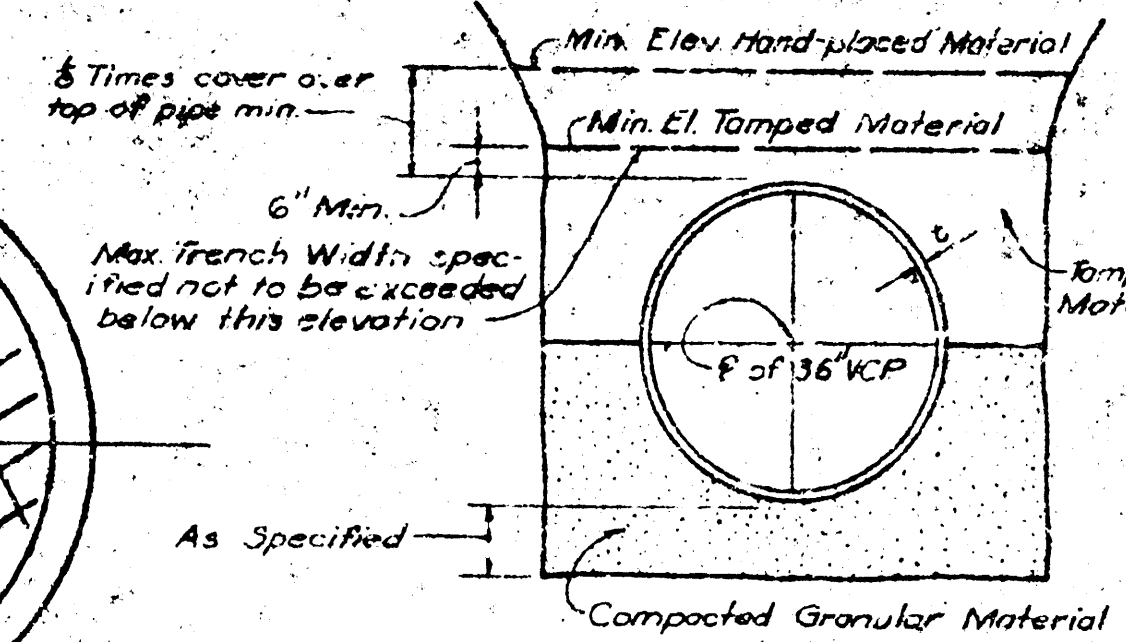
SECTION
STANDARD SHALLOW MANHOLE



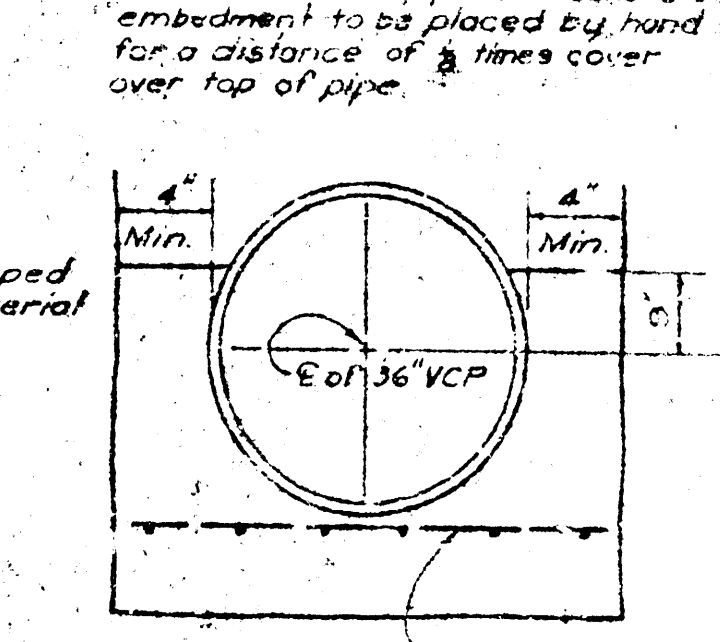
PLAN
MANHOLE RING



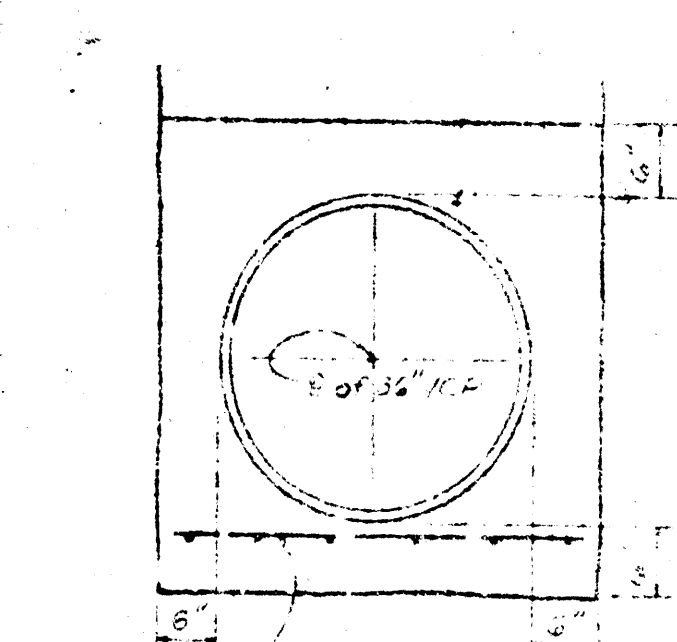
SECTION
MANHOLE RING
STANDARD MANHOLE RING AND COVER DETAILS



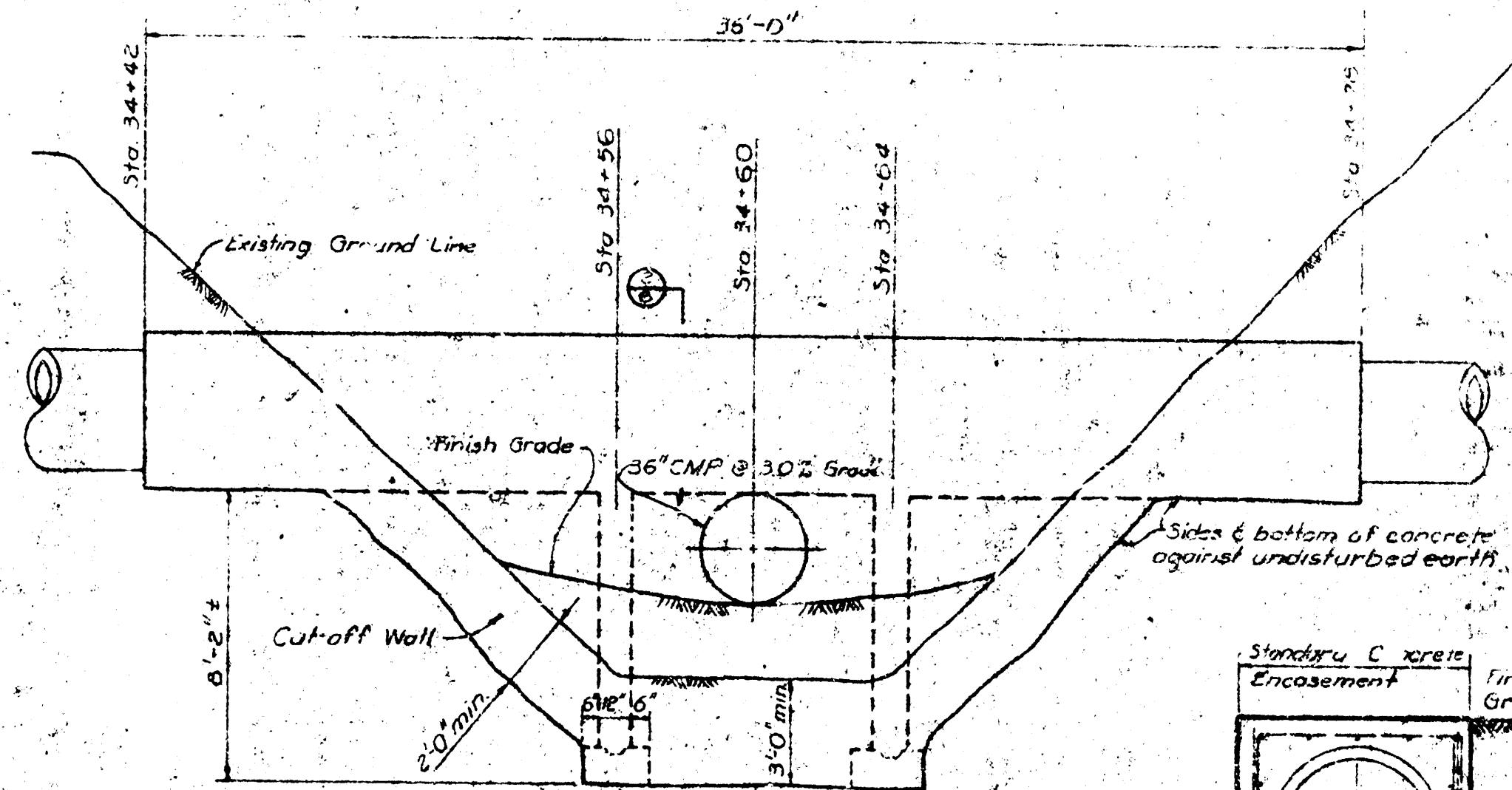
STANDARD EMBEDMENT



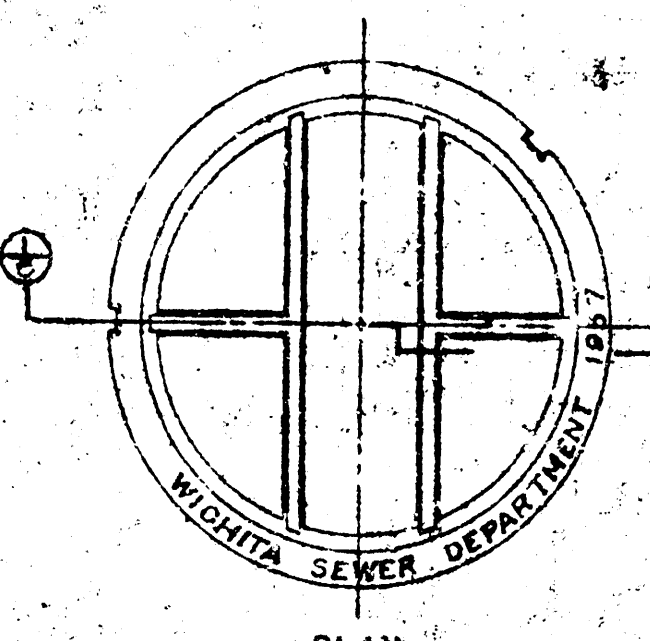
STANDARD CONCRETE EMBEDMENT



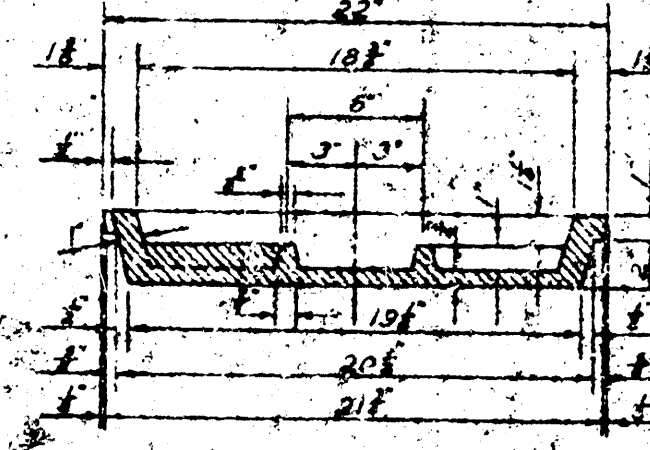
STANDARD CONCRETE ENCASUREMENT



ELEVATION
CROSSING STRUCTURE - STA. 34+60±
SCALE: 1/4\"/>

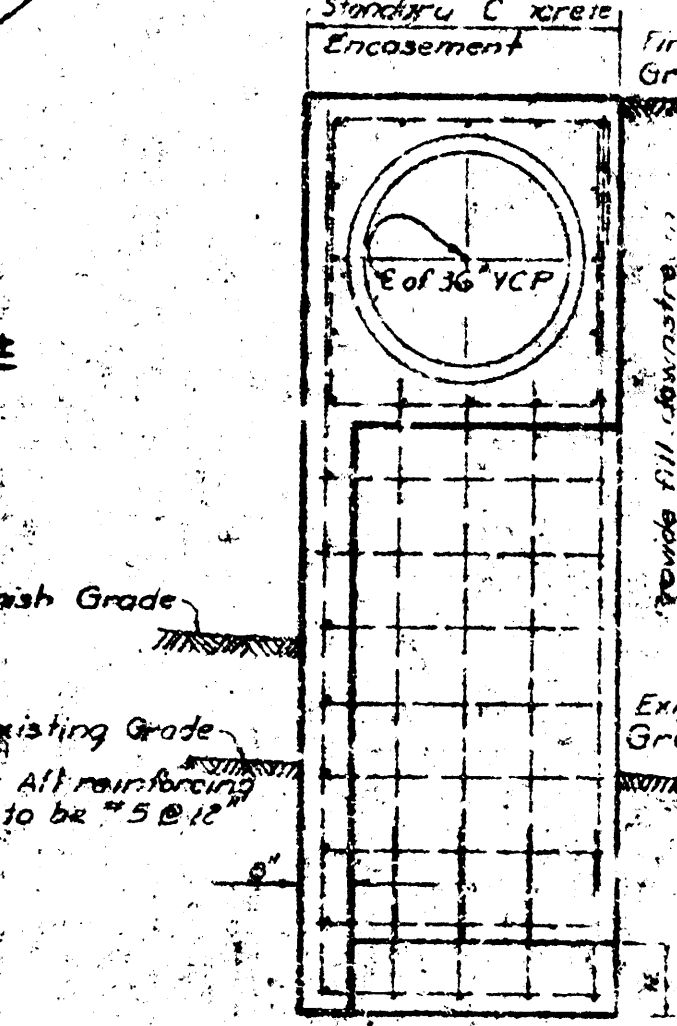


PLAN
MANHOLE COVER



SECTION 1
MANHOLE COVER

General Notes:
Any material excavated beneath pipe entering or leaving manholes, shall be replaced with equal or better material.
All manhole rings to be set in mortar.
Inside diameter of manholes to be 3'-0\"/>



SECTION 2
MANHOLE COVER
SCALE: 3/8\"/>

WICHITA, KANSAS
EXTENSION OF SANITARY SEWER NO. 23

DETAILS OF STANDARD MANHOLES

BLACK & YEATCH
CONSULTING ENGINEERS, KANSAS CITY, MO.

JUNE 1957

SHEET 6 OF 6