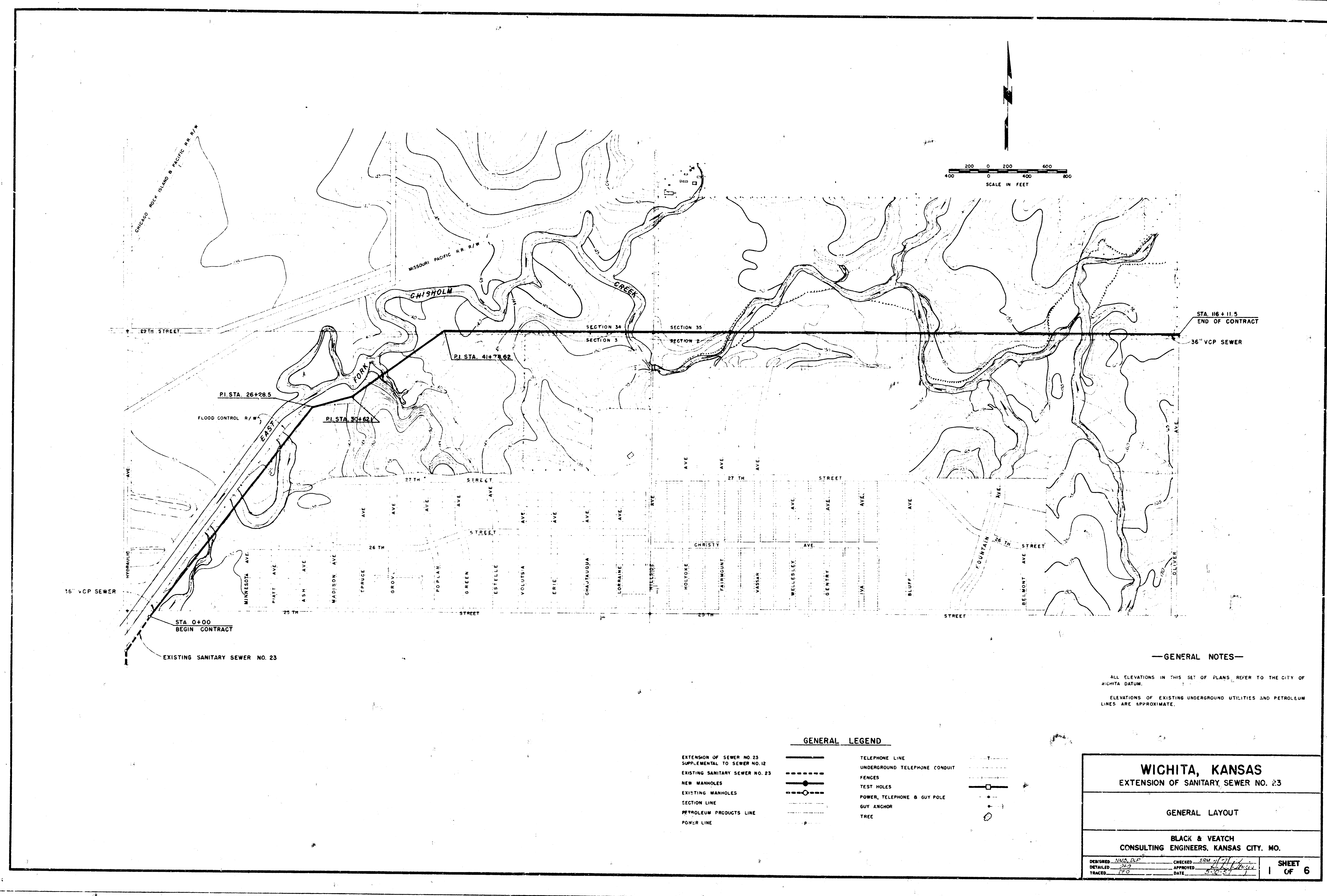
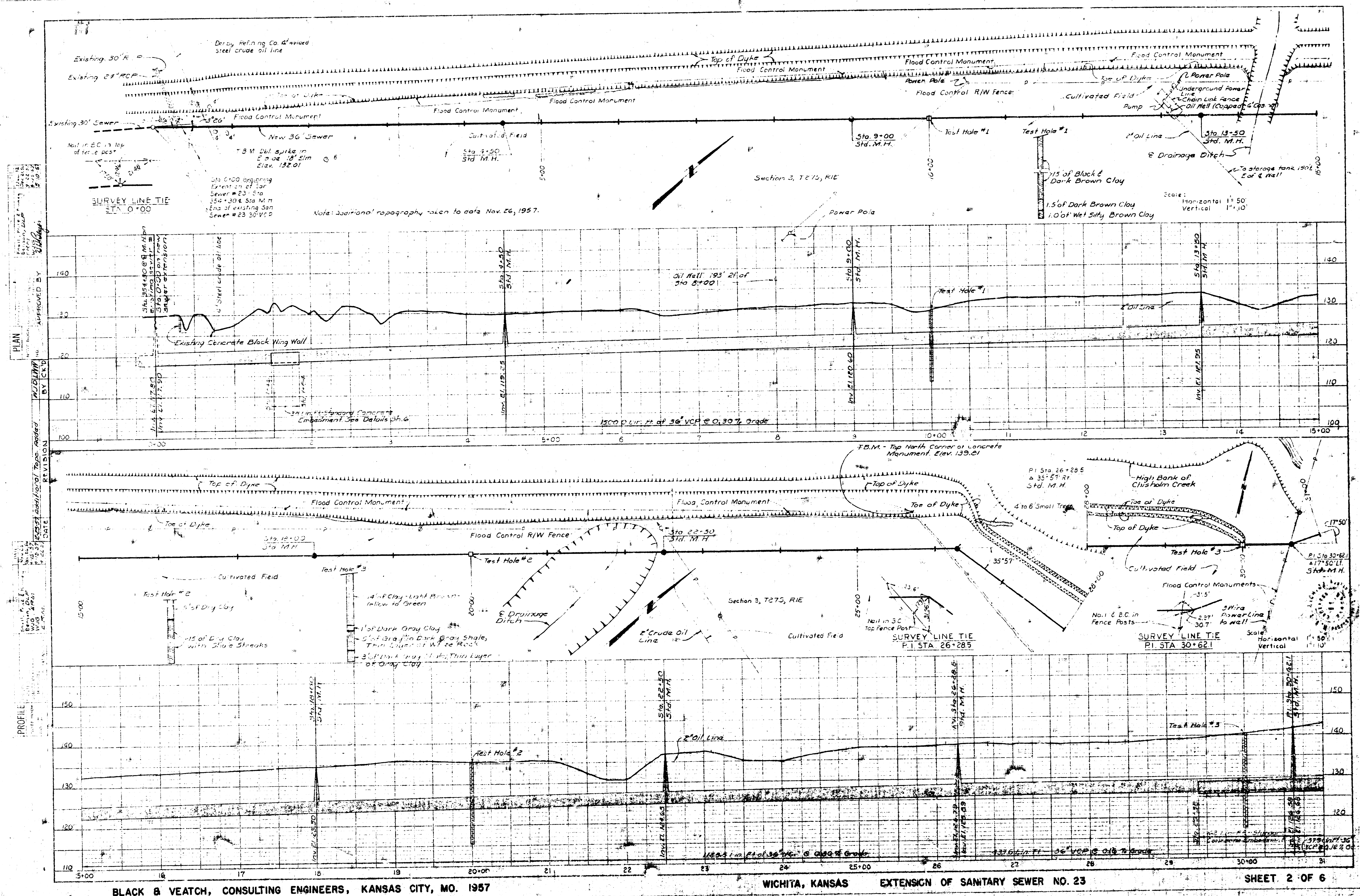


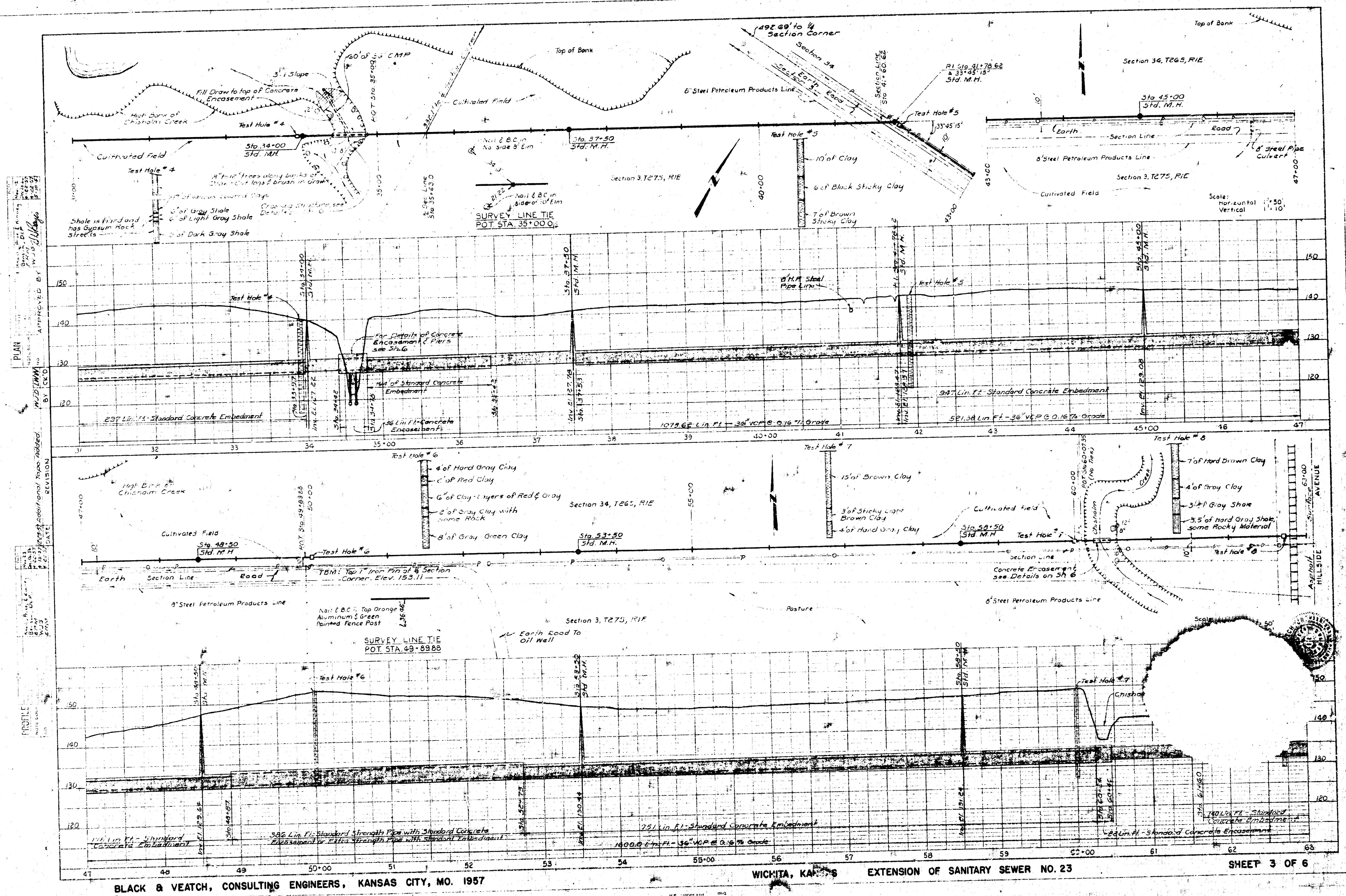
**PLANS FOR
SEWERAGE IMPROVEMENTS
WICHITA, KANSAS**

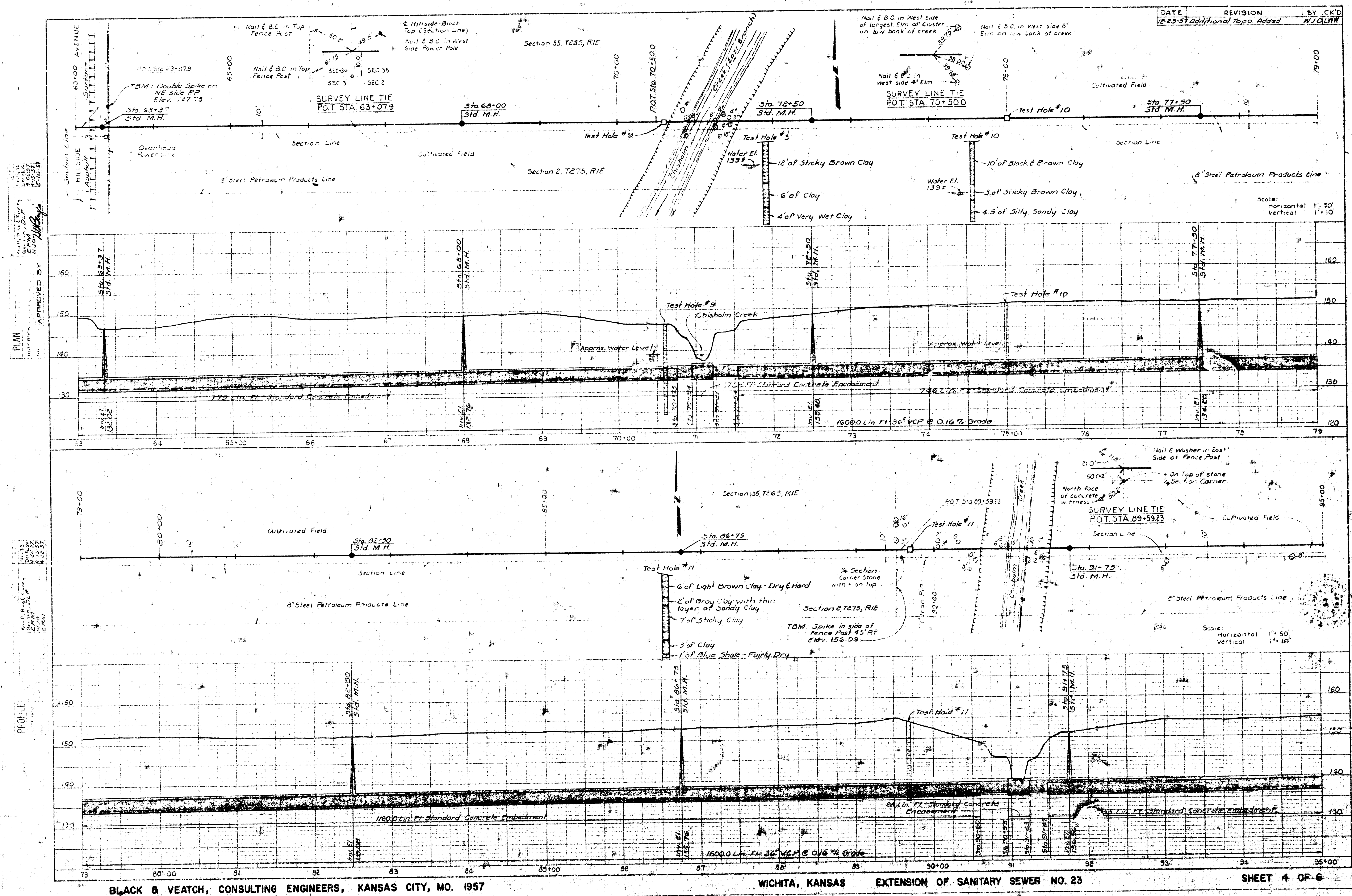
**EXTENSION OF SANITARY SEWER NO. 23
(SUPPLEMENTAL TO SANITARY SEWER NO. 12)**

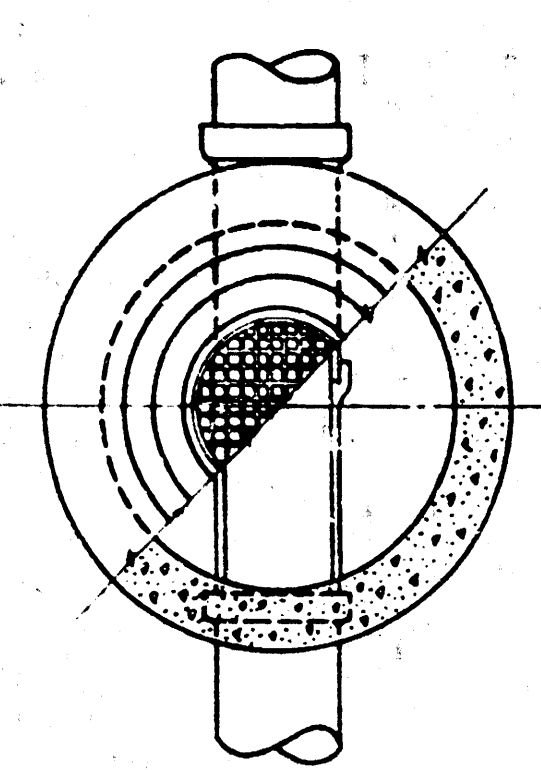
BLACK & VEATCH
CONSULTING ENGINEERS
KANSAS CITY, MISSOURI
1957



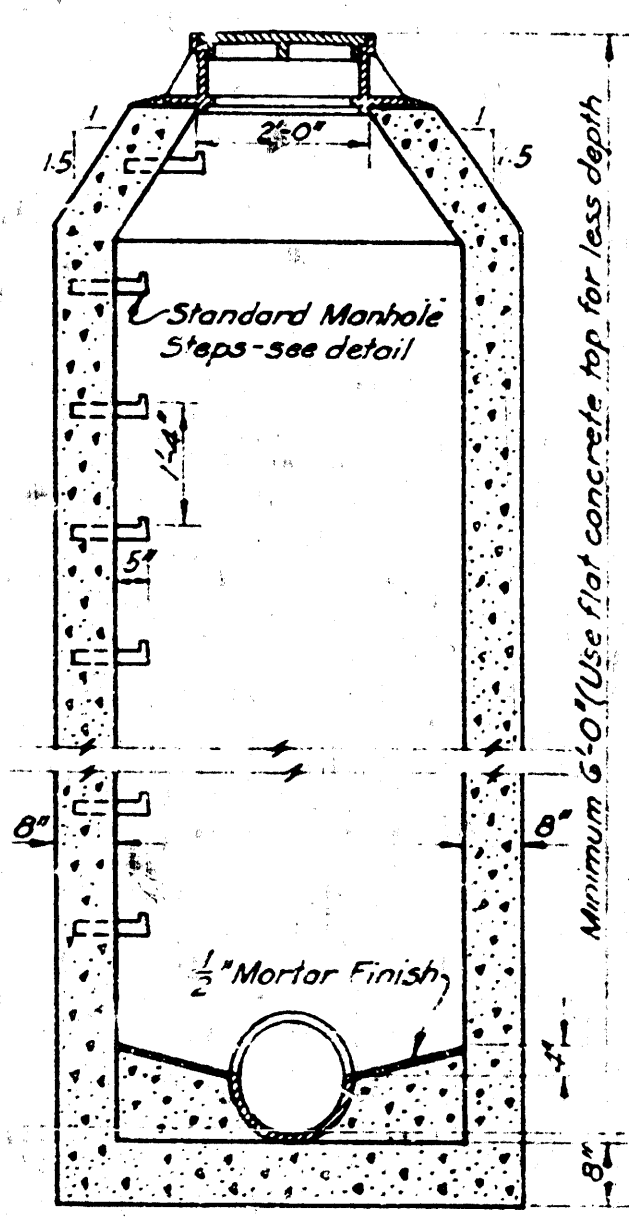




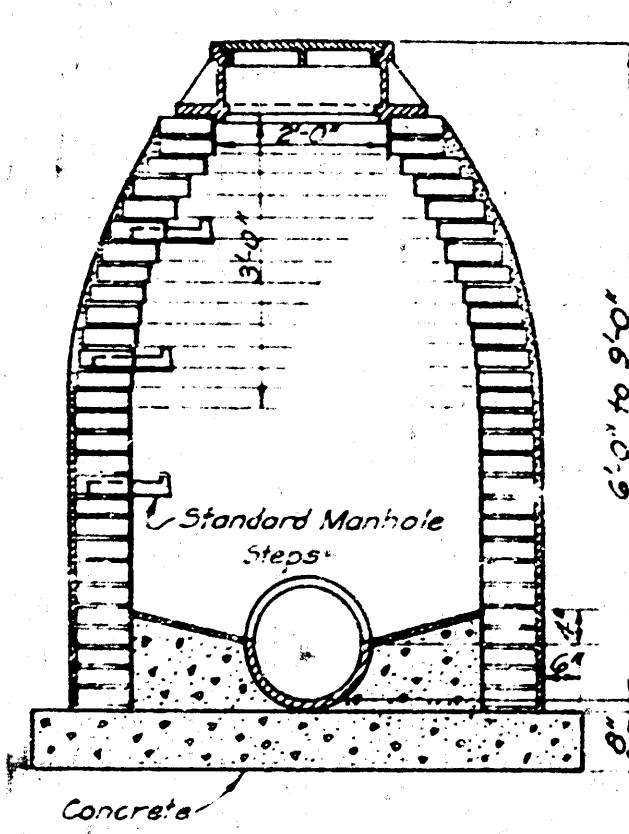




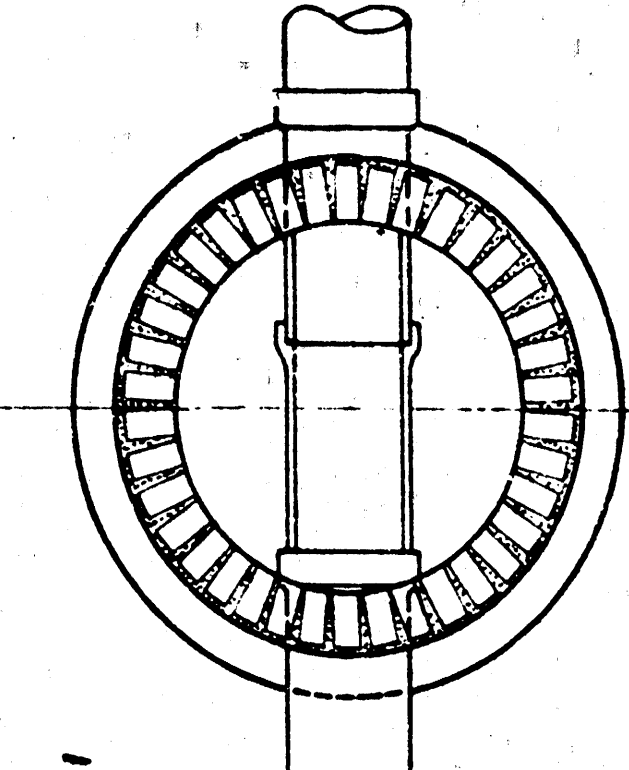
PLAN
STANDARD CONCRETE MANHOLE



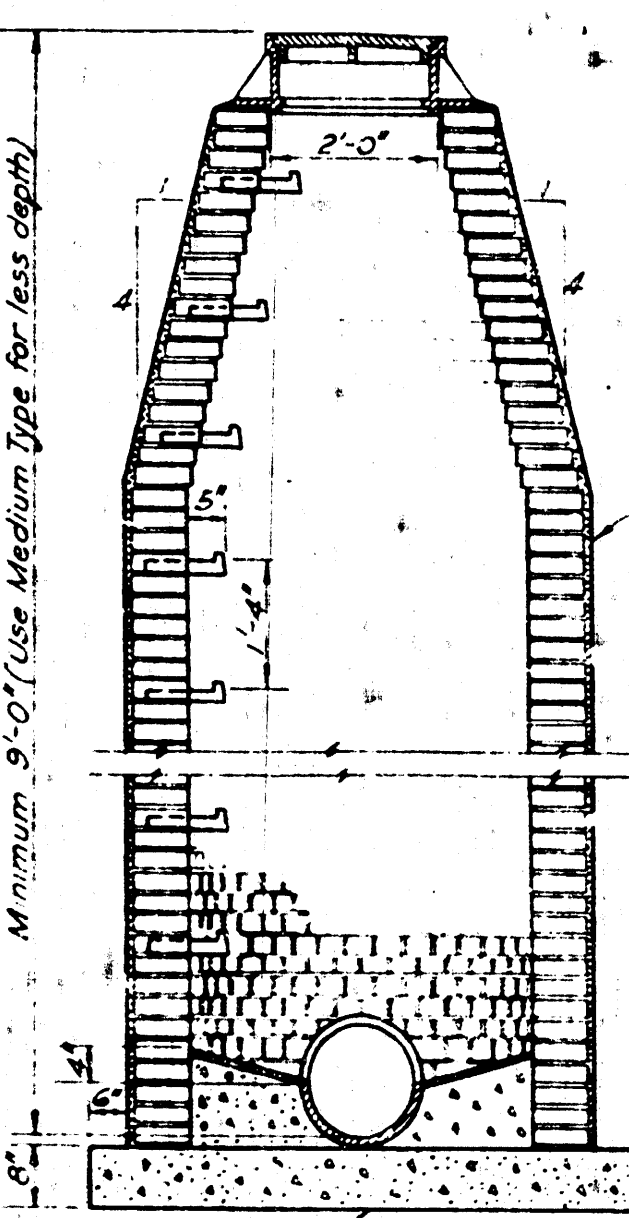
SECTION
STANDARD CONCRETE MANHOLE



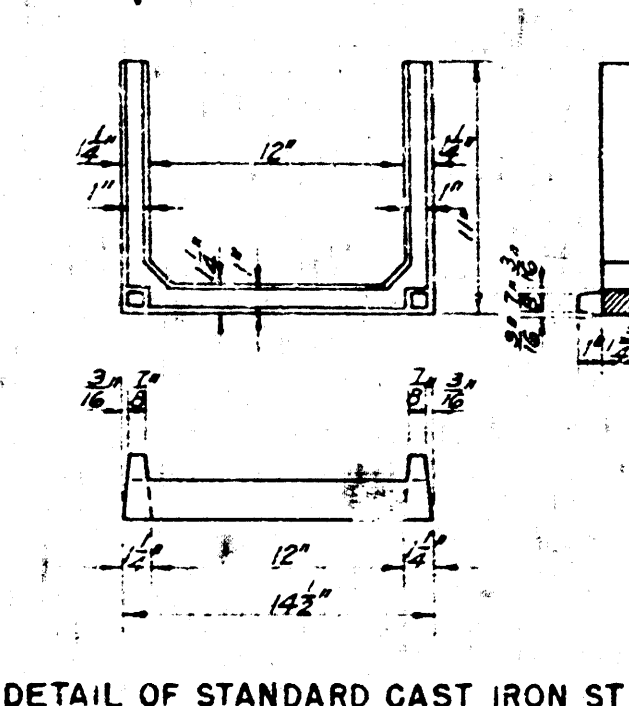
SECTION
STANDARD BRICK MANHOLE
FOR MEDIUM DEPTH



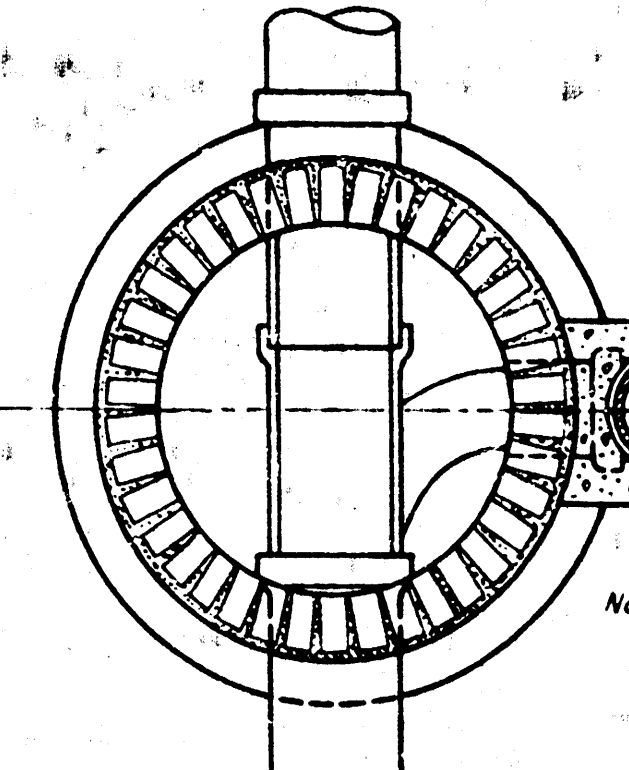
PLAN
STANDARD BRICK MANHOLE
STRAIGHT INVERT



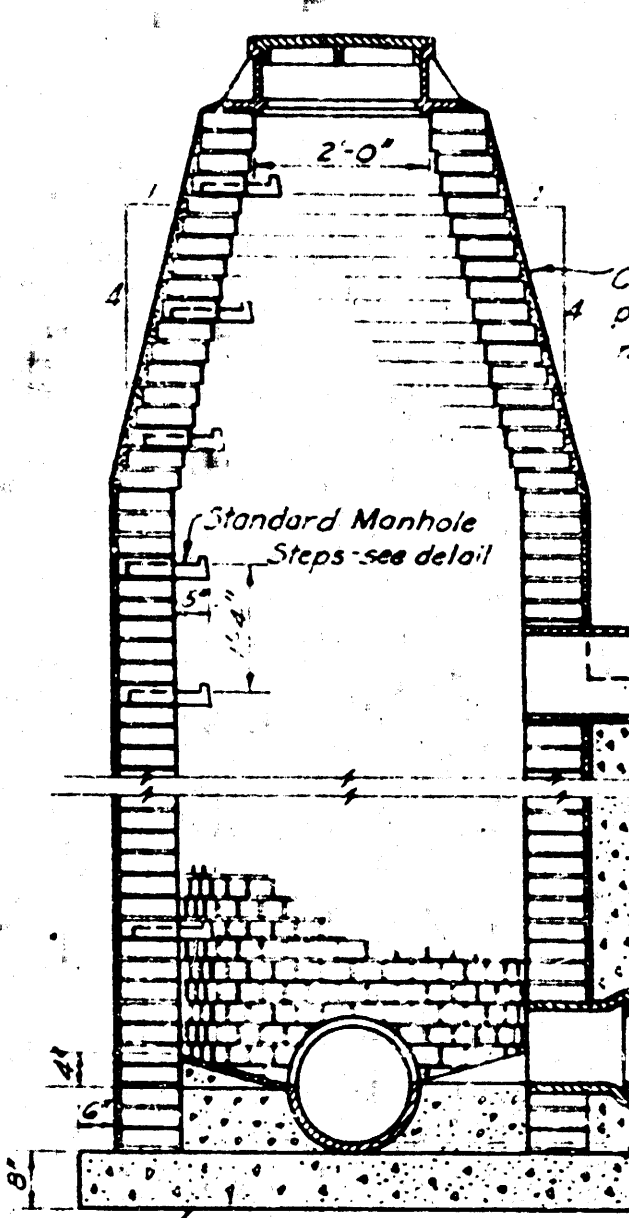
SECTION
STANDARD BRICK MANHOLE



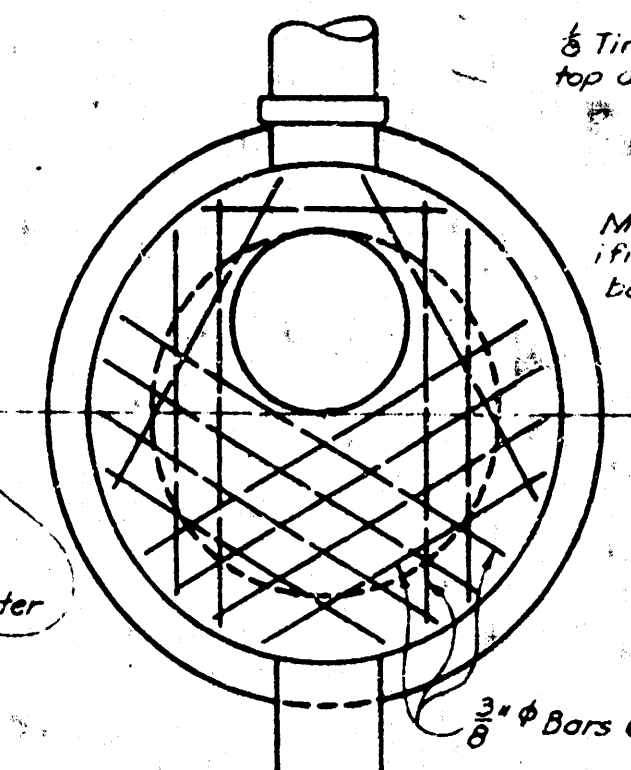
DETAIL OF STANDARD CAST IRON STEP



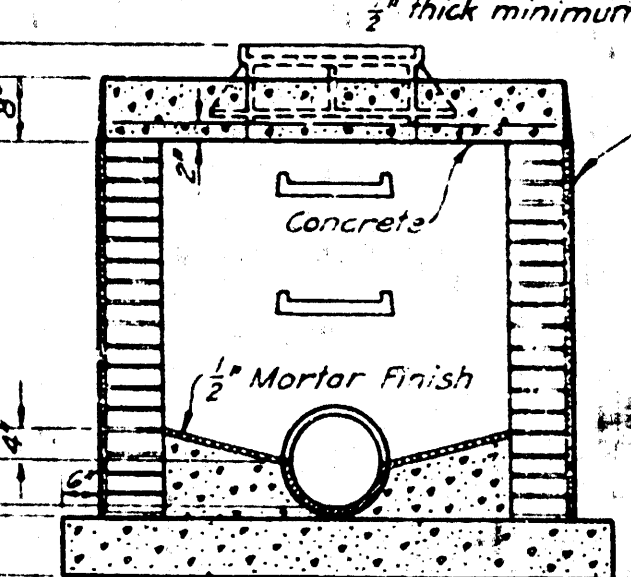
PLAN
DROP MANHOLE



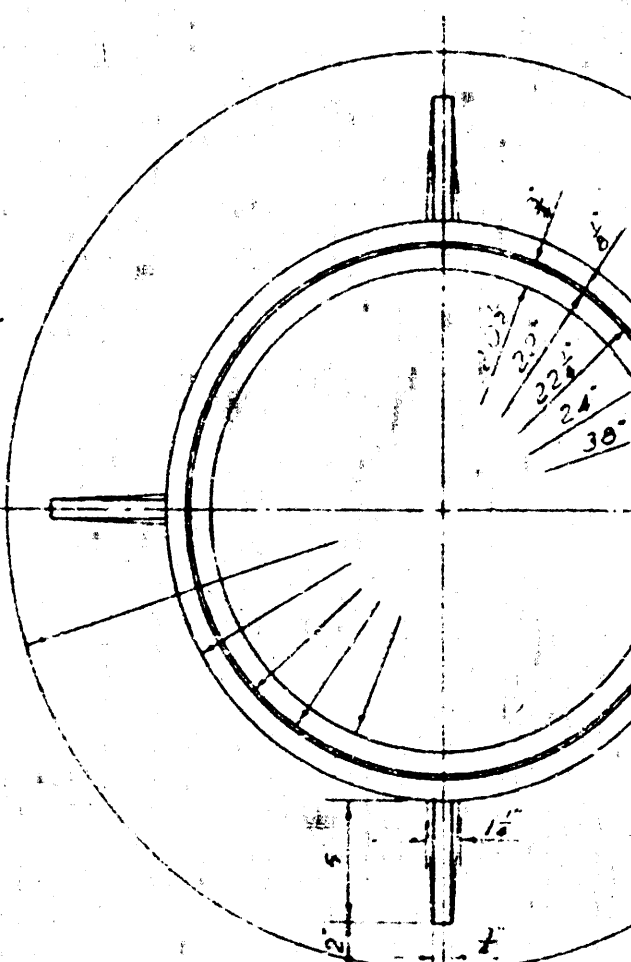
SECTION
DROP MANHOLE



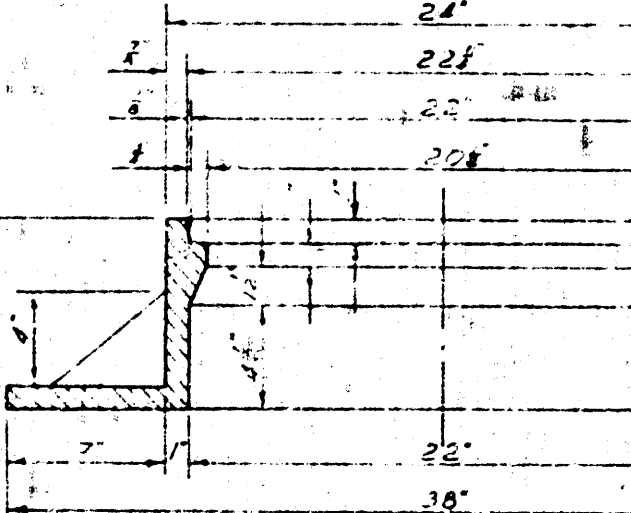
PLAN
STANDARD SHALLOW MANHOLE



SECTION
STANDARD SHALLOW MANHOLE

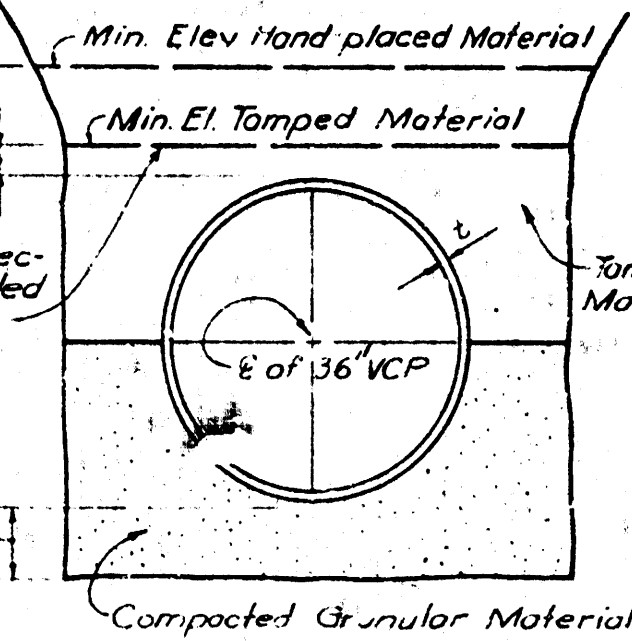


PLAN
MANHOLE RING

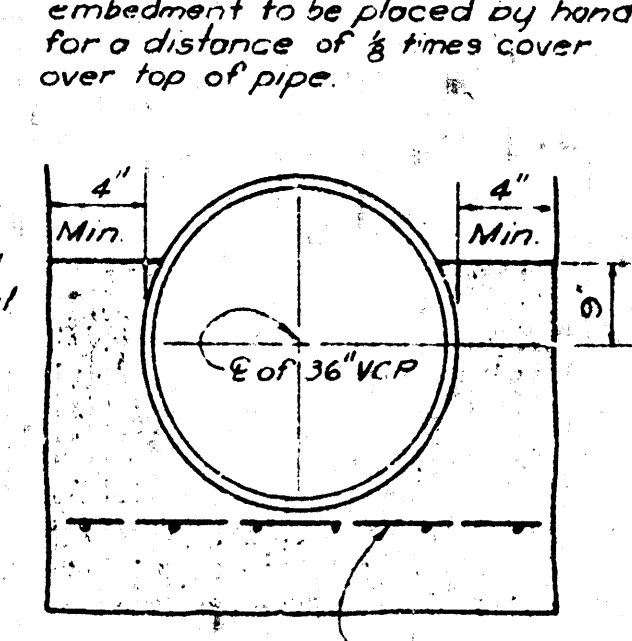


SECTION
MANHOLE RING

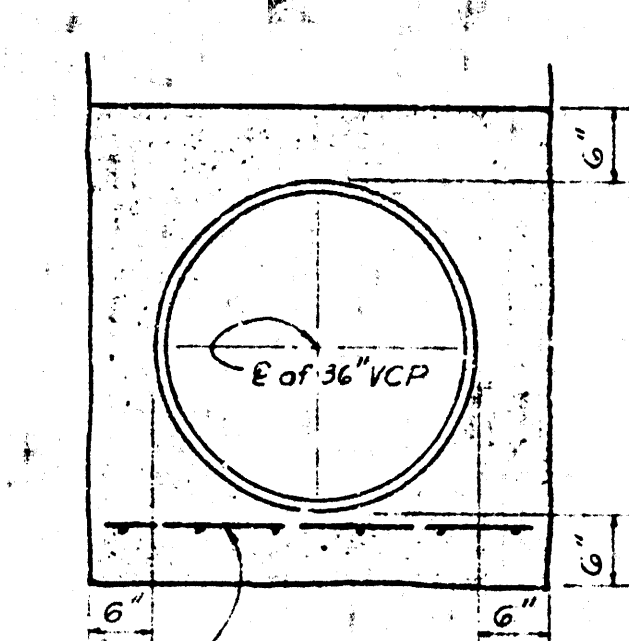
STANDARD MANHOLE RING AND COVER DETAILS



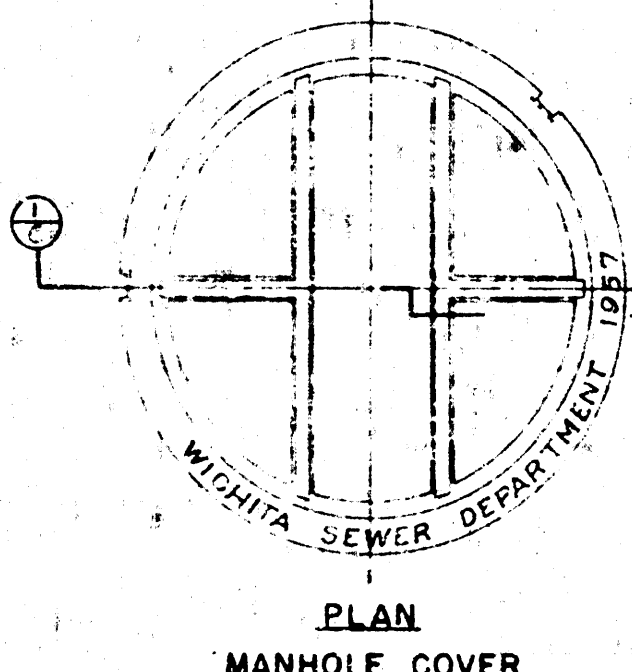
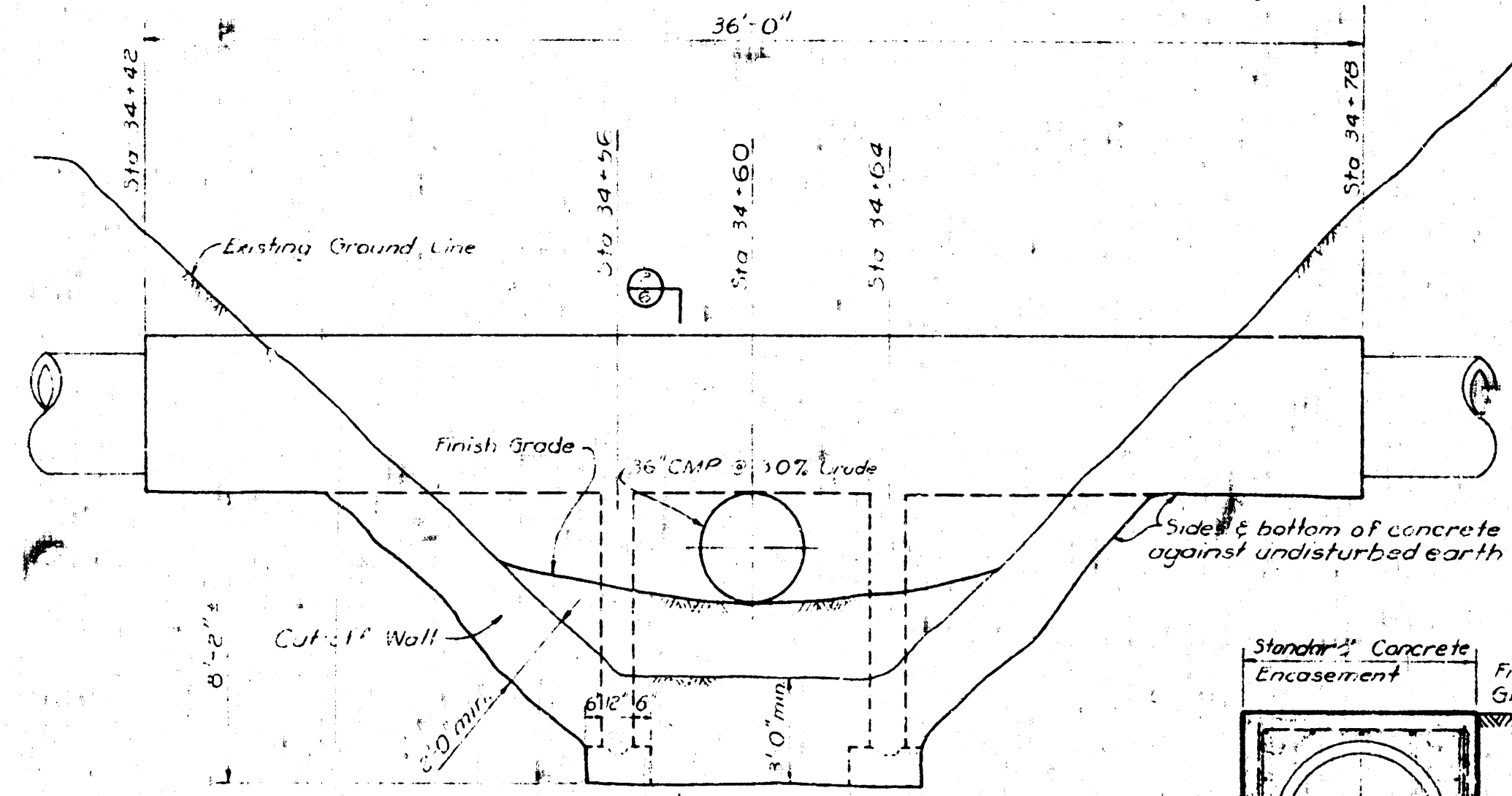
STANDARD EMBEDMENT



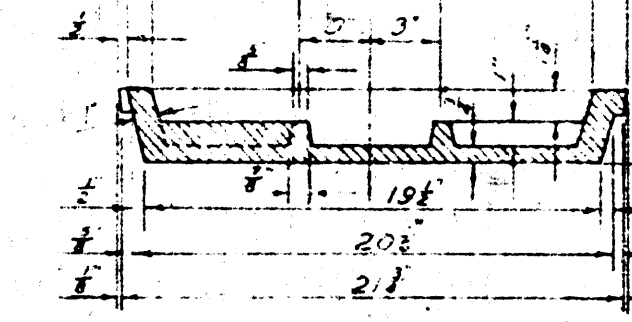
STANDARD CONCRETE EMBEDMENT



STANDARD CONCRETE ENCASEMENT



PLAN
MANHOLE COVER



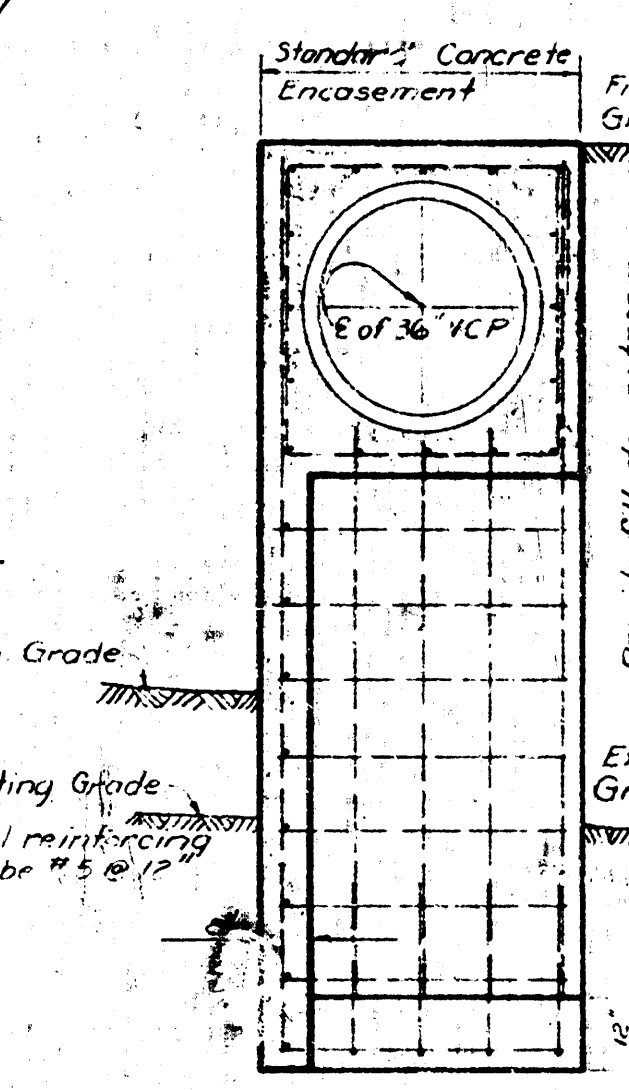
SECTION
MANHOLE COVER

MANHOLE COVER TO BE FILLED FLUSH WITH ASPHALT

General Notes:
Any material excavated beneath pipe entering or leaving manholes, shall be replaced with concrete.
All manhole rings to be set in mortar.
Inside diameter of manholes to be 5'-0"

ELEVATION
CROSSING STRUCTURE - STA. 34+60±

SCALE: 1/4"=1'-0"



SECTION 2
SCALE: 3/8"=1'-0"

WICHITA, KANSAS	
EXTENSION OF SANITARY SEWER NO. 23	
DETAILS OF STANDARD MANHOLES	
BLACK & VEATCH	
CONSULTING ENGINEERS, KANSAS CITY, MO.	
APPROVED:	SHEET 6 OF 6
DATE: 5/12/21	

