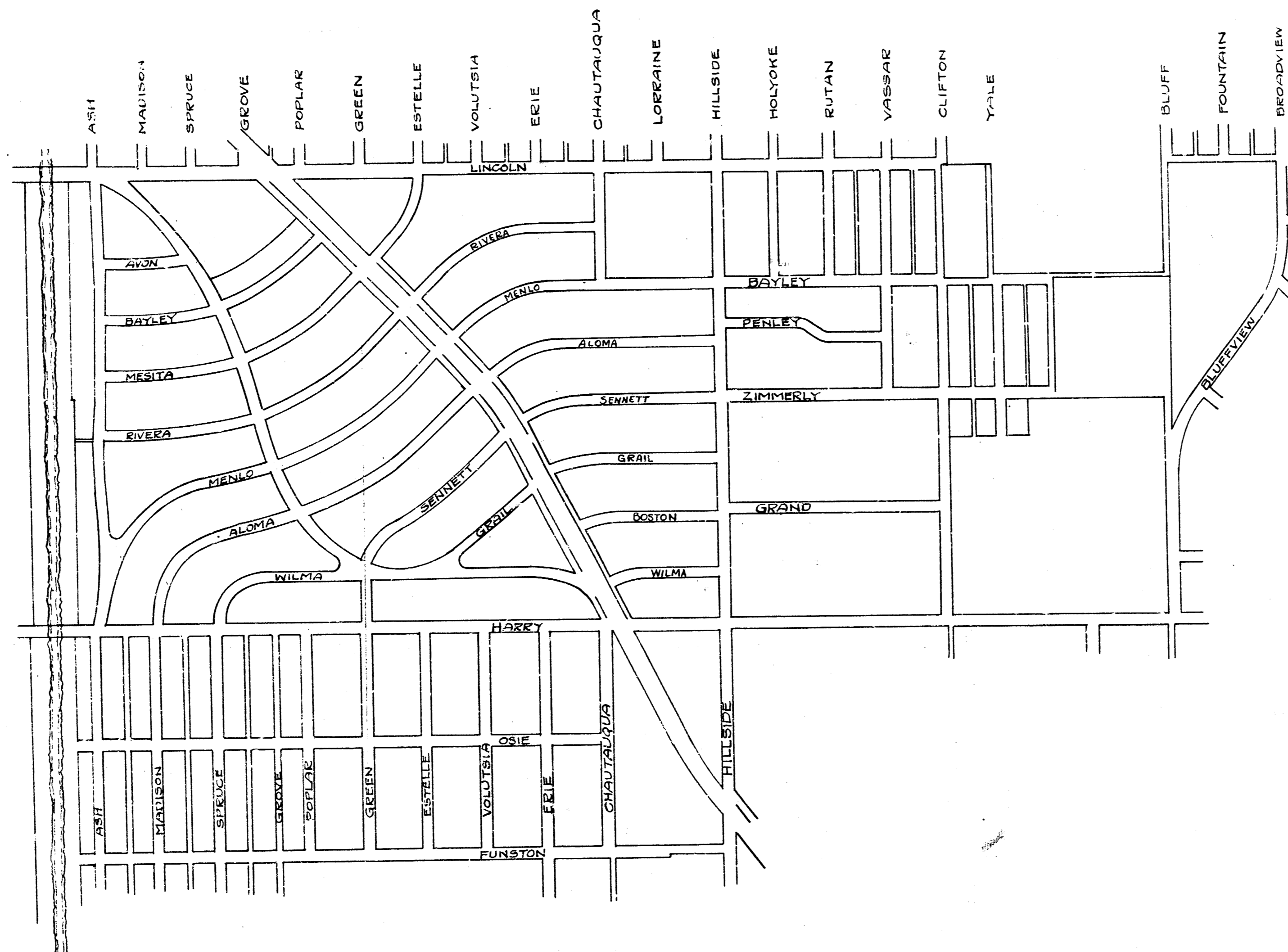


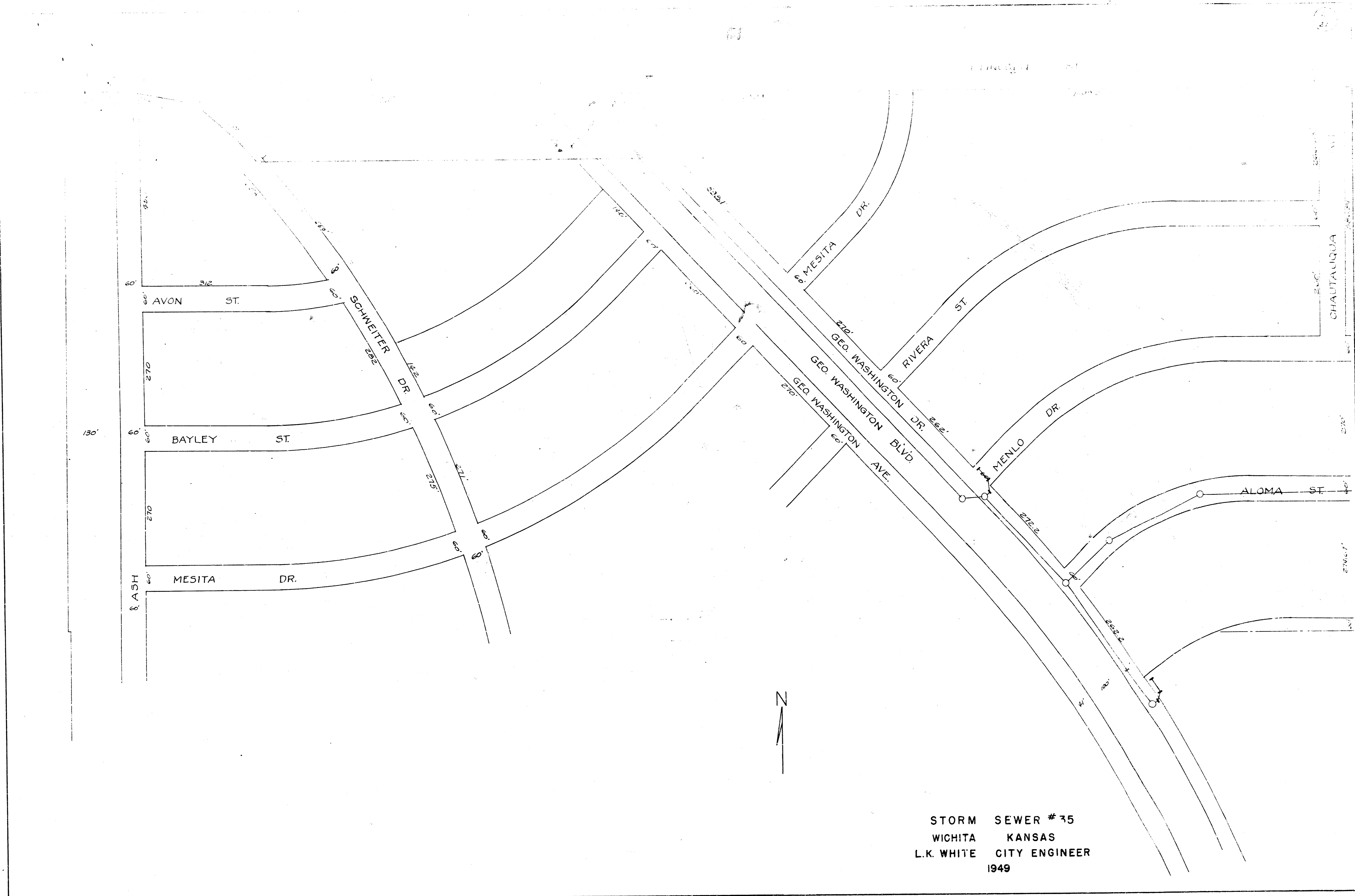
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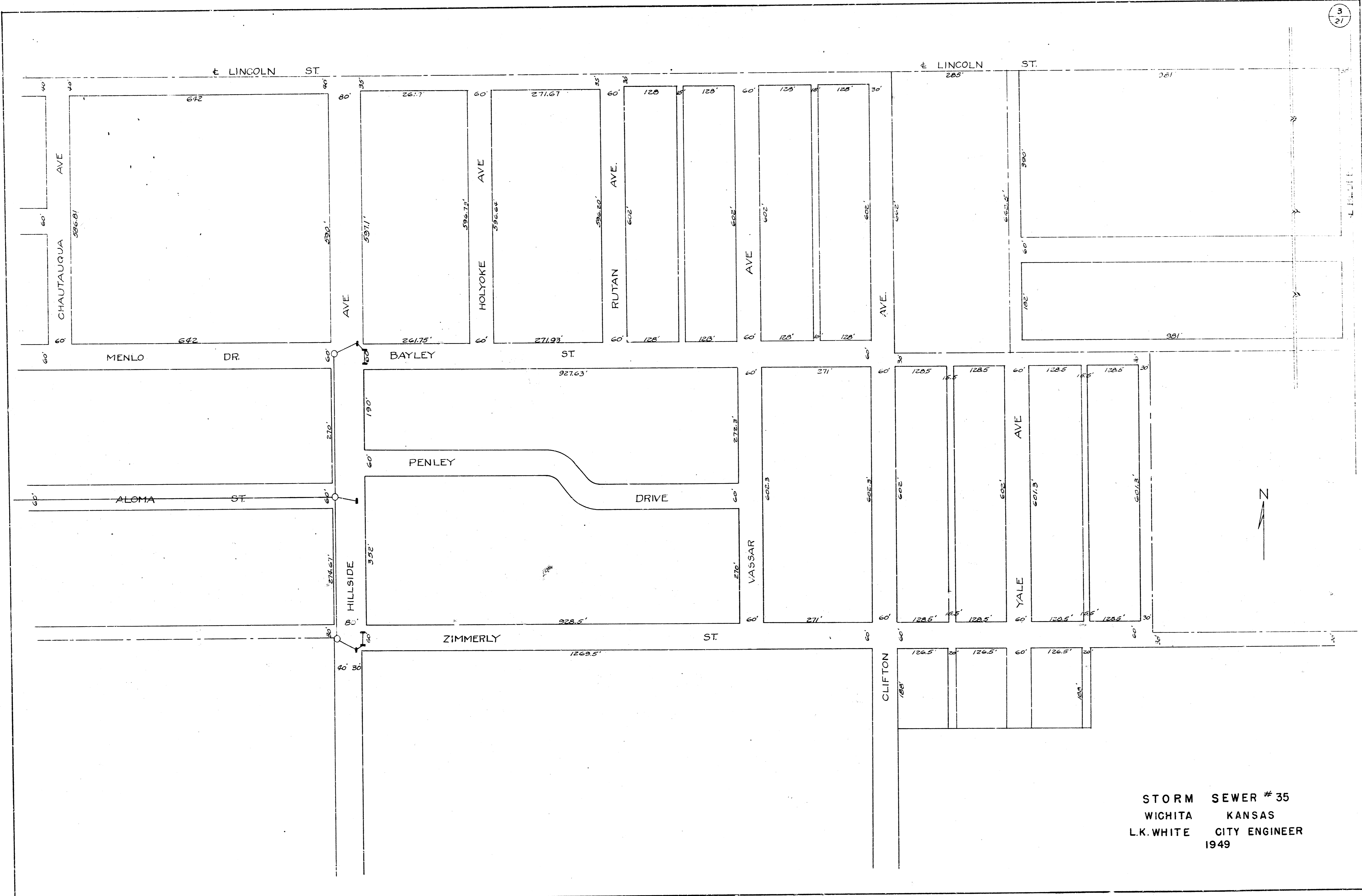
INDEX OF SHEETS

NO	TITLE
1	Title Sheet
2-4	Layout
5-16	Pian Profile
17-20	Manhole Inlet & Outfall Details
21	Siphon Manhole Details

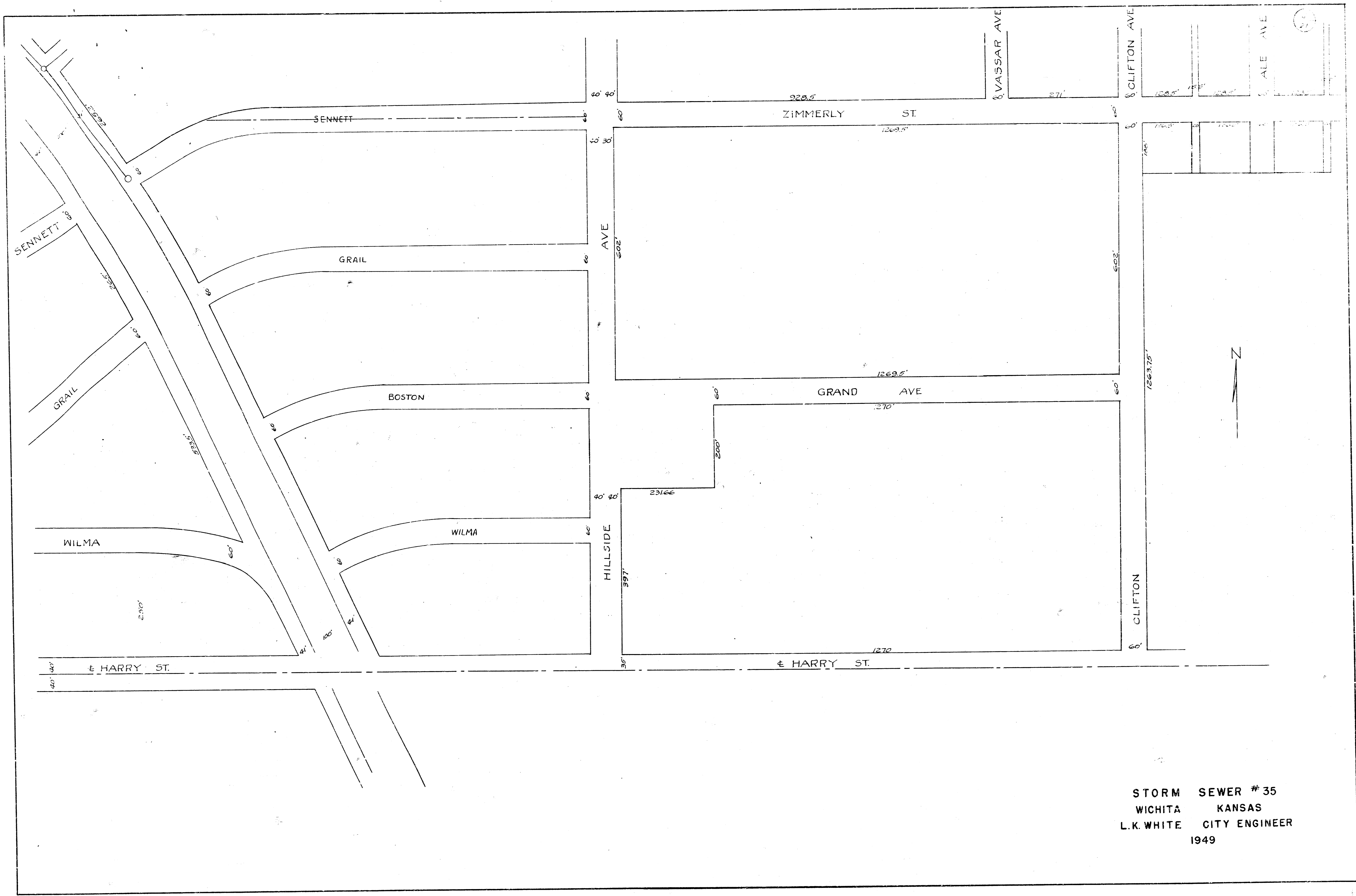
STORM SEWER #35
 WICHITA KANSAS
 L.K. WHITE CITY ENGINEER
 1949



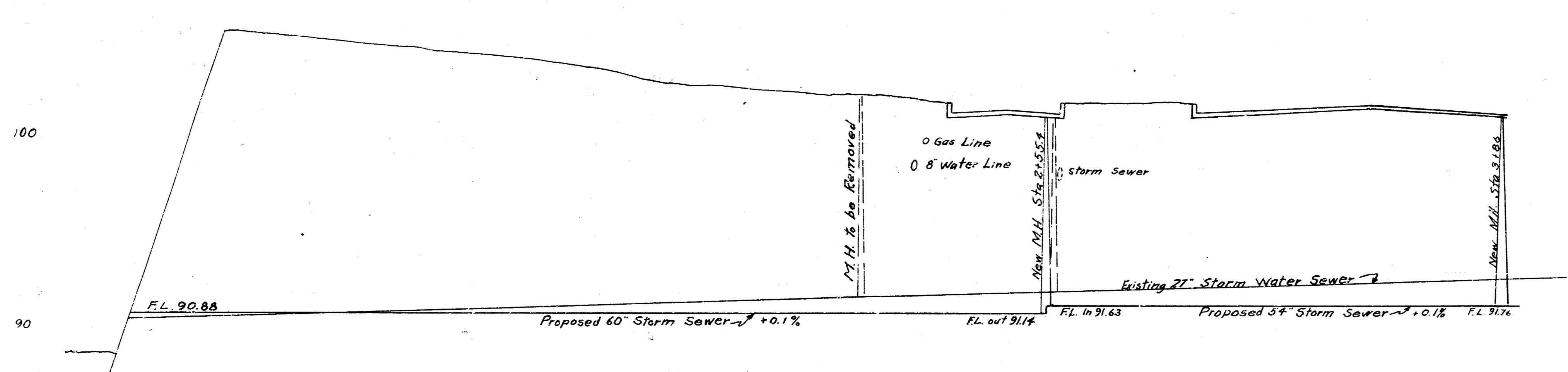
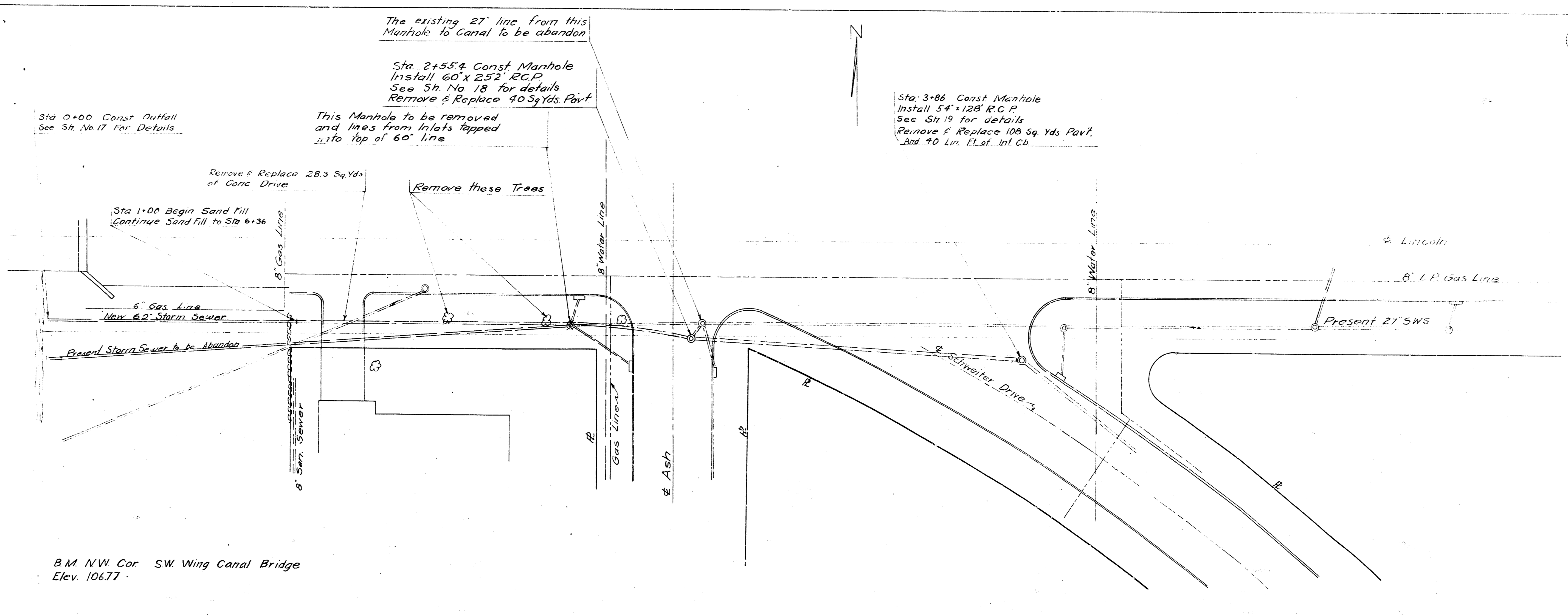
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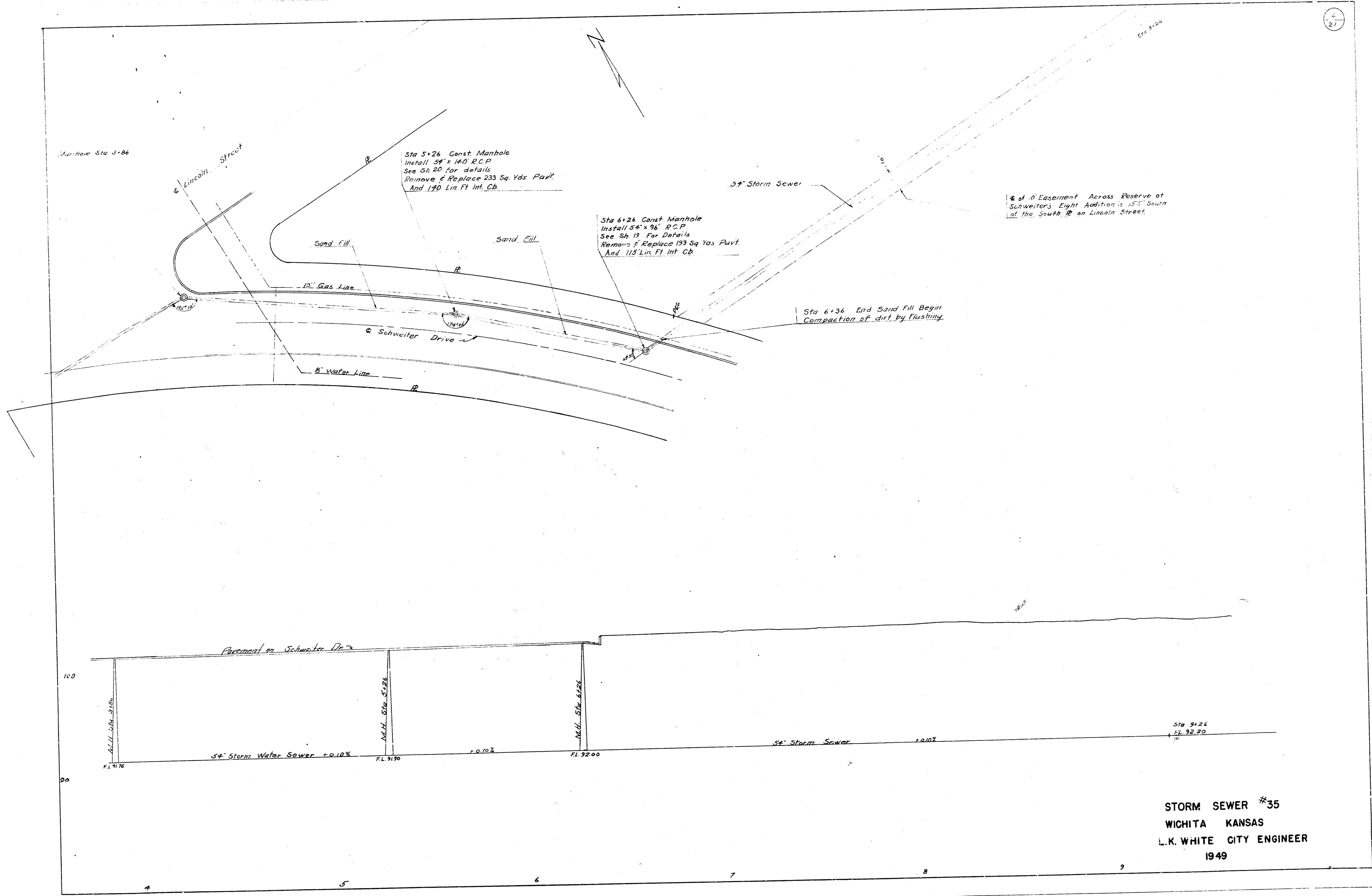
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Manhole Sta 3+86

Lincoln Street

Sta 5+26 Const Manhole
Install 34" x 40" R.C.P.
See Sh. 20 for details
Remove & Replace 233 Sq. Yds Pavt.
And 170 Lin Ft Int. Cb.

Sta 6+26 Const Manhole
Install 34" x 36" R.C.P.
See Sh. 19 for details
Remove & Replace 193 Sq Yds Pavt.
And 115 Lin Ft Int Cb.

5' Storm Sewer

1/4 of 0' Easement Across Reserve of
Schweiter's Eight Addition is 15' South
of the South R. on Lincoln Street.

Sand Fill

Sand Fill

10" Gas Line

Schweiter Drive

8" Water Line

Sta 6+36 End Sand Fill Begin
Compaction of dirt by Flushing

Pavement on Schweiter Dr.

100

90

FL 9176

5' Storm Water Sewer 0.10%

FL 9190

0.10%

FL 9200

5' Storm Sewer

0.10%

Sta 9+24
FL 9270

STORM SEWER #35
WICHITA KANSAS
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4

5

6

7

8

9

21



Sta 13+88 Const. Manhole
See Sh 21 For Details

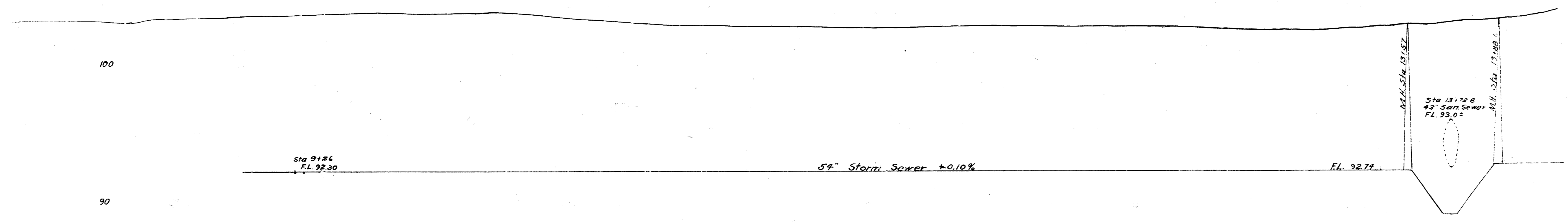
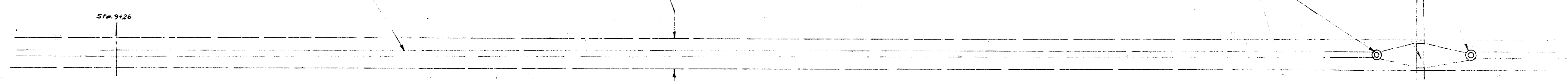
E of 10' Easement Across Reserve of
Schwitters' Eight Addition is 153' South
of the South R. on Lincoln Street

Sta 13+72.8 Const. Reinf. Conc.
Inverted Siphon Under 42"
Sanitary Sewer
See Sh 21 For Details

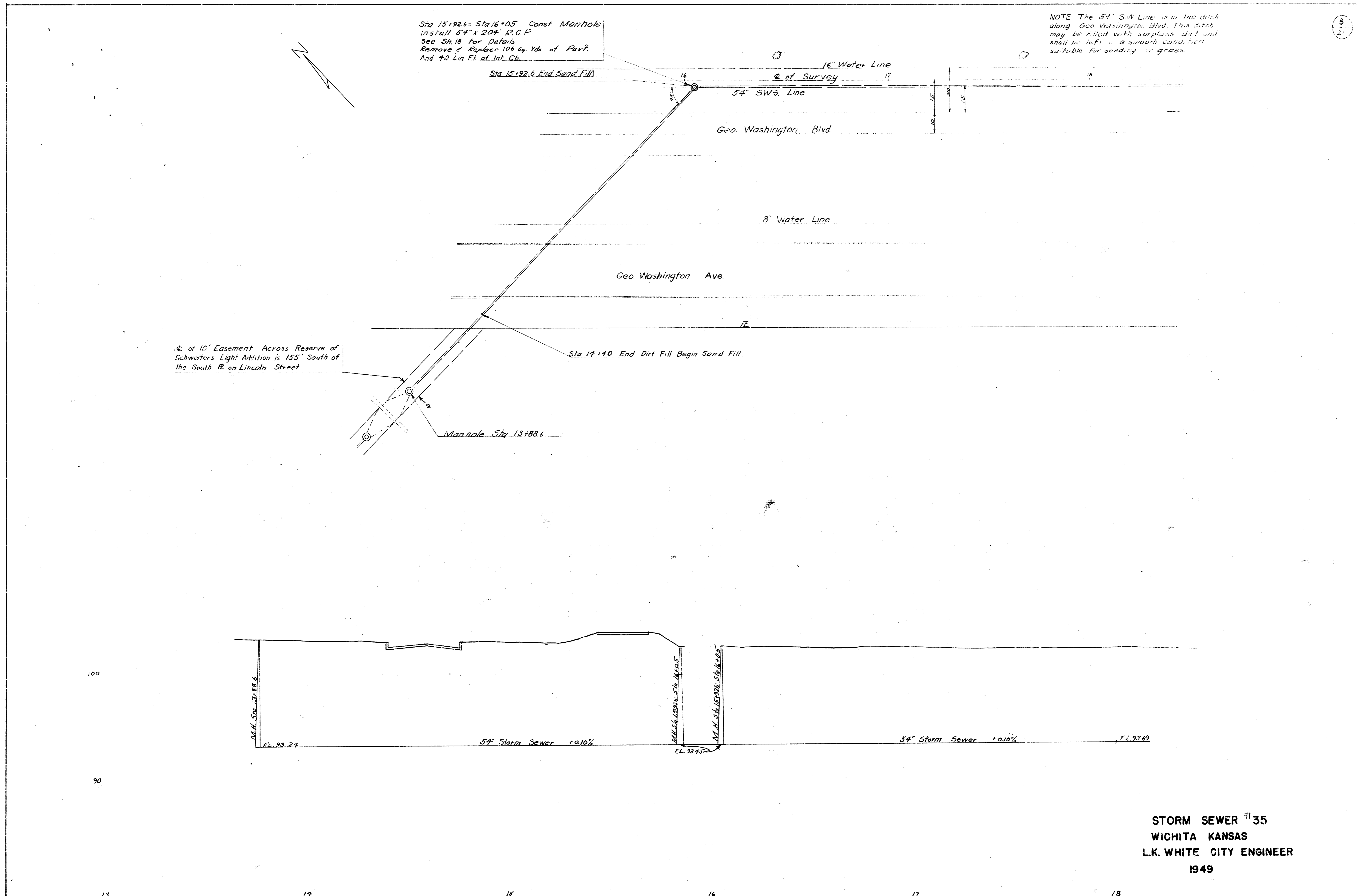
NOTE: Compact Dirt Fill by Flushing

Sta 13+57 Const. Manhole
Install 54" x 72" R.C.P.
See Sh 21 For Details

54" Storm Sewer



STORM SEWER 35
WICHITA KANSAS
L.K. WHITE CITY ENGINEER
1949



Sta 15+92.6 to Sta 16+05 Const Manhole
 Install 5' x 20" R.C.P.
 See Sta 16 for Details
 Remove & Replace 106 sq Yds of Pavt.
 And 40 Lin Ft of Int. Cb.

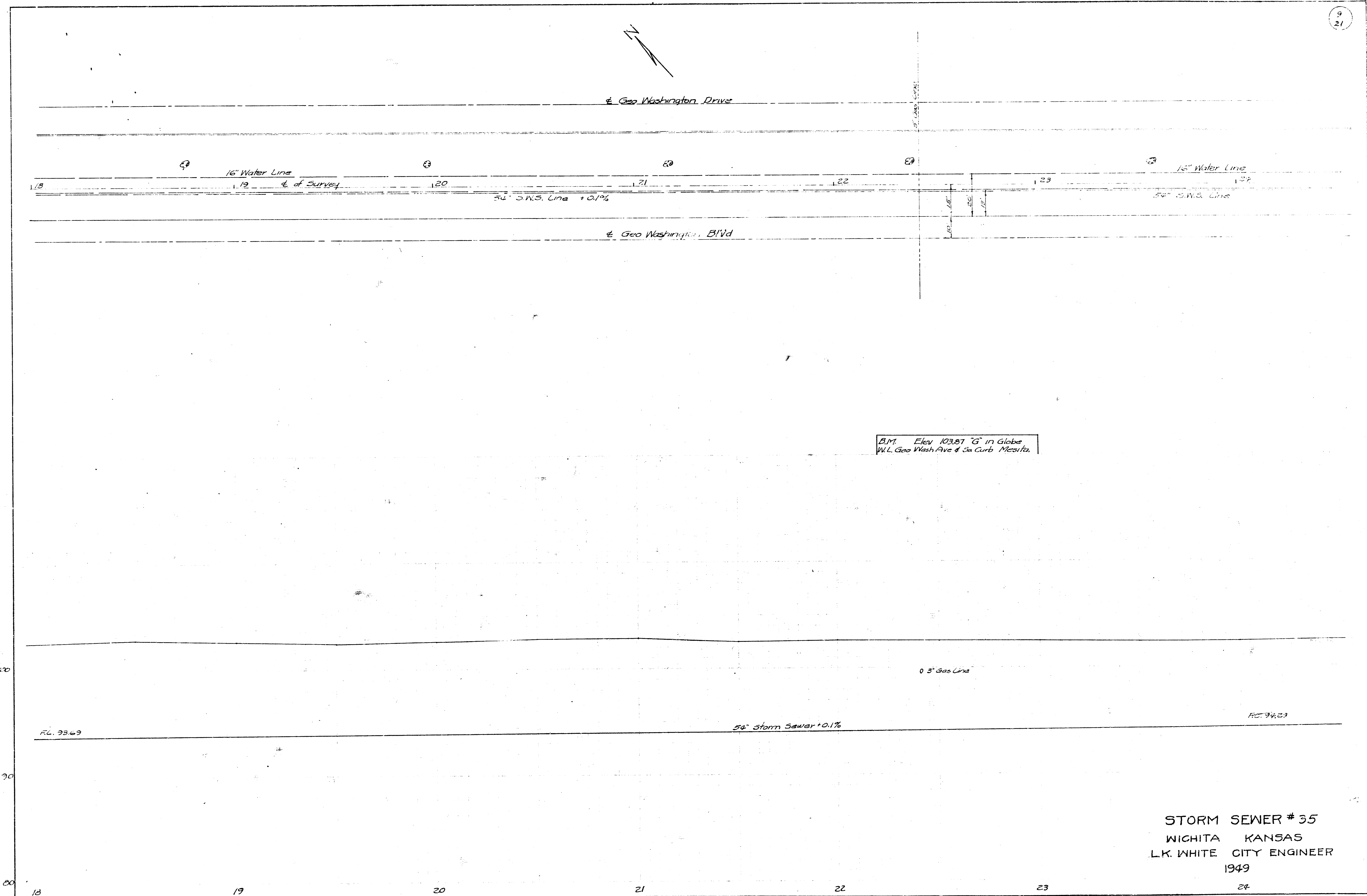
NOTE: The 5' S.W. Line is in the ditch
 along Geo. Washington Blvd. This ditch
 may be filled with surplus dirt and
 shall be left in smooth condition
 suitable for seeding in grass.

4' of 10' Easement Across Reserve of
 Schwabers Eight Addition is 155' South of
 the South 12 on Lincoln Street

STORM SEWER #35
 WICHITA KANSAS
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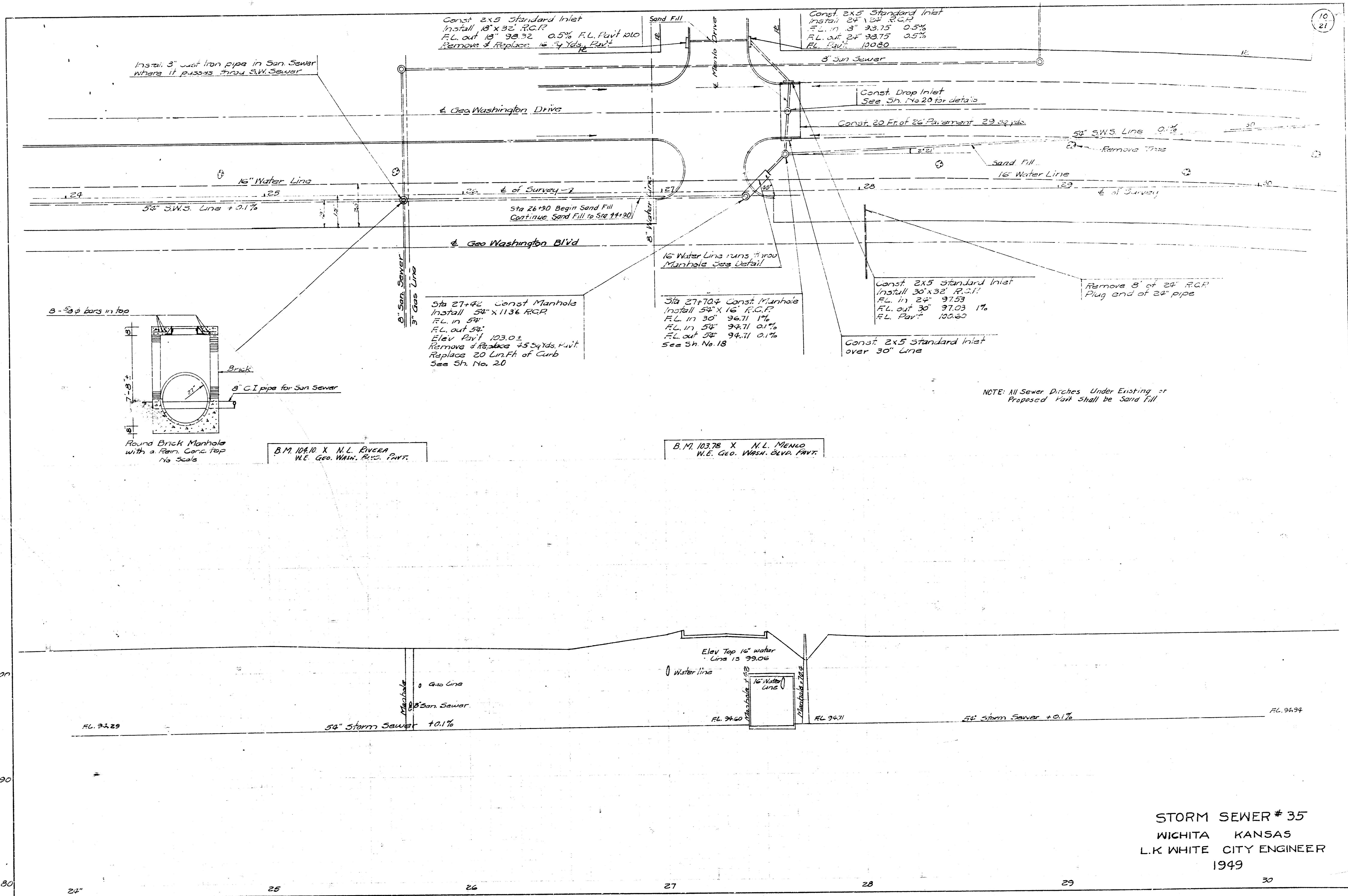
100
 90

13 14 15 16 17 18

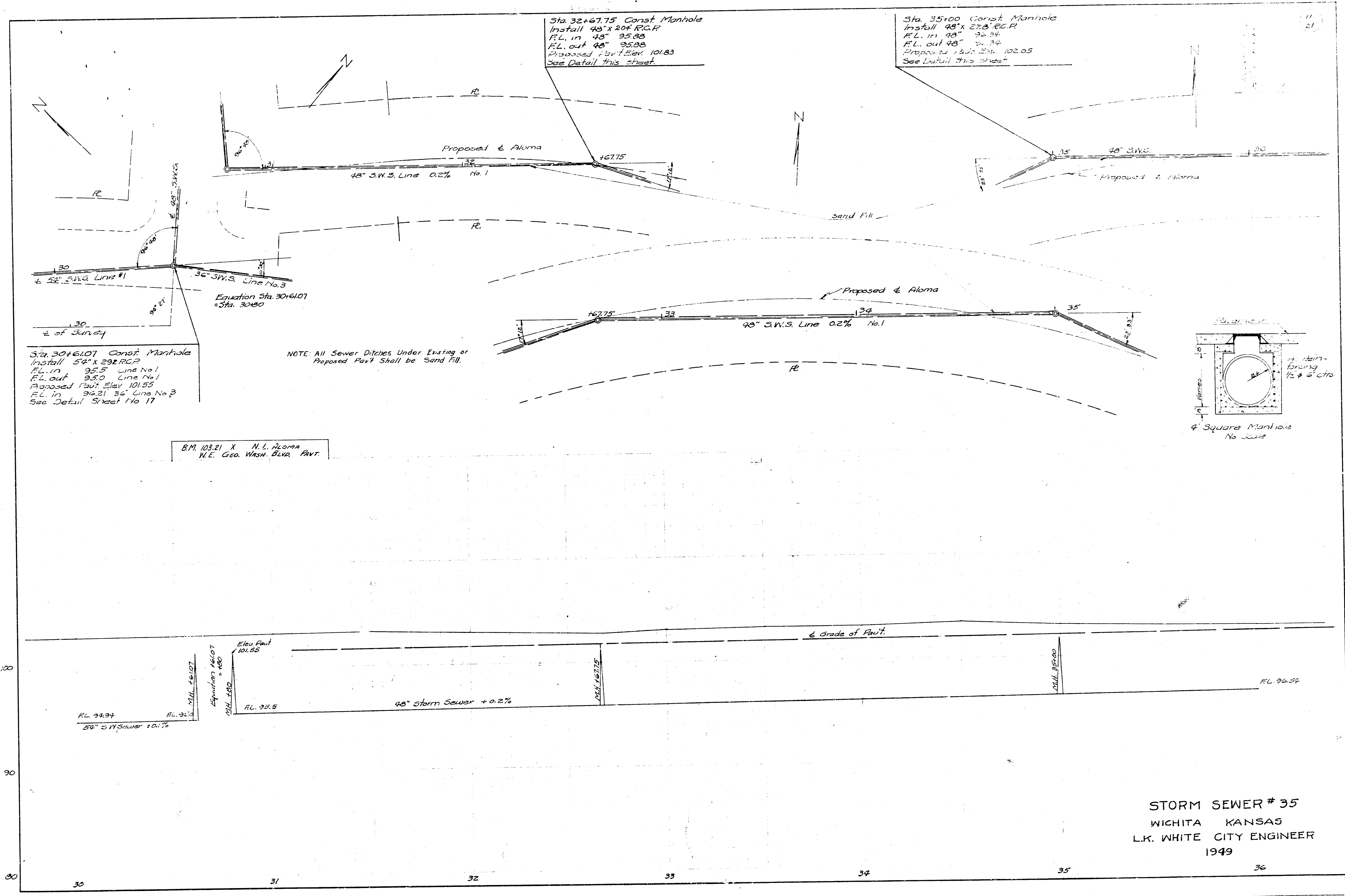


A.M. Elev 103.87 "G" in Globe
 W.L. Geo Wash Ave & So Curb. Mezzita.

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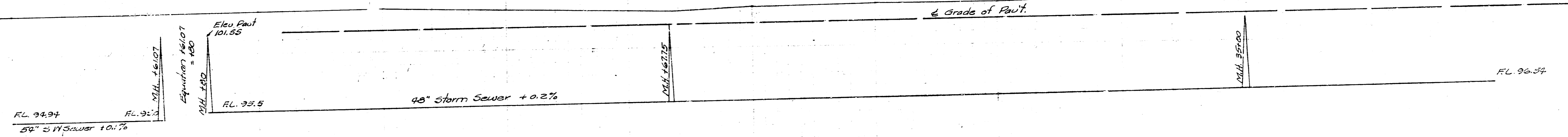
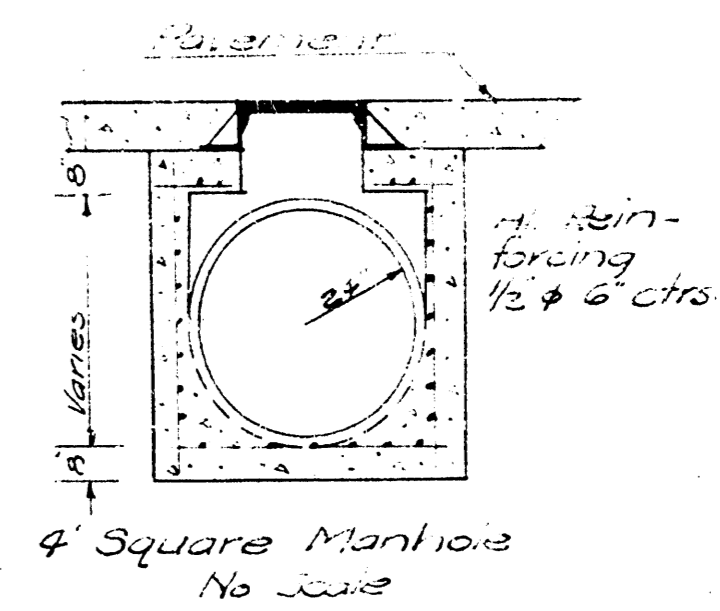
Sta. 30+61.07 Const. Manhole
 Install 54" x 29" R.C.P.
 F.L. in 95.5 Line No. 1
 F.L. out 95.0 Line No. 1
 Proposed Pavt. Elev. 101.55
 F.L. in 96.31 36" Line No. 3
 See Detail Street No. 17

Sta. 32+67.75 Const. Manhole
 Install 48" x 20" R.C.P.
 F.L. in 98" 95.88
 F.L. out 98" 95.88
 Proposed Pavt. Elev. 101.83
 See Detail this sheet

Sta. 35+00 Const. Manhole
 Install 48" x 20" R.C.P.
 F.L. in 98" 96.34
 F.L. out 98" 96.34
 Proposed Pavt. Elev. 102.05
 See Detail this sheet

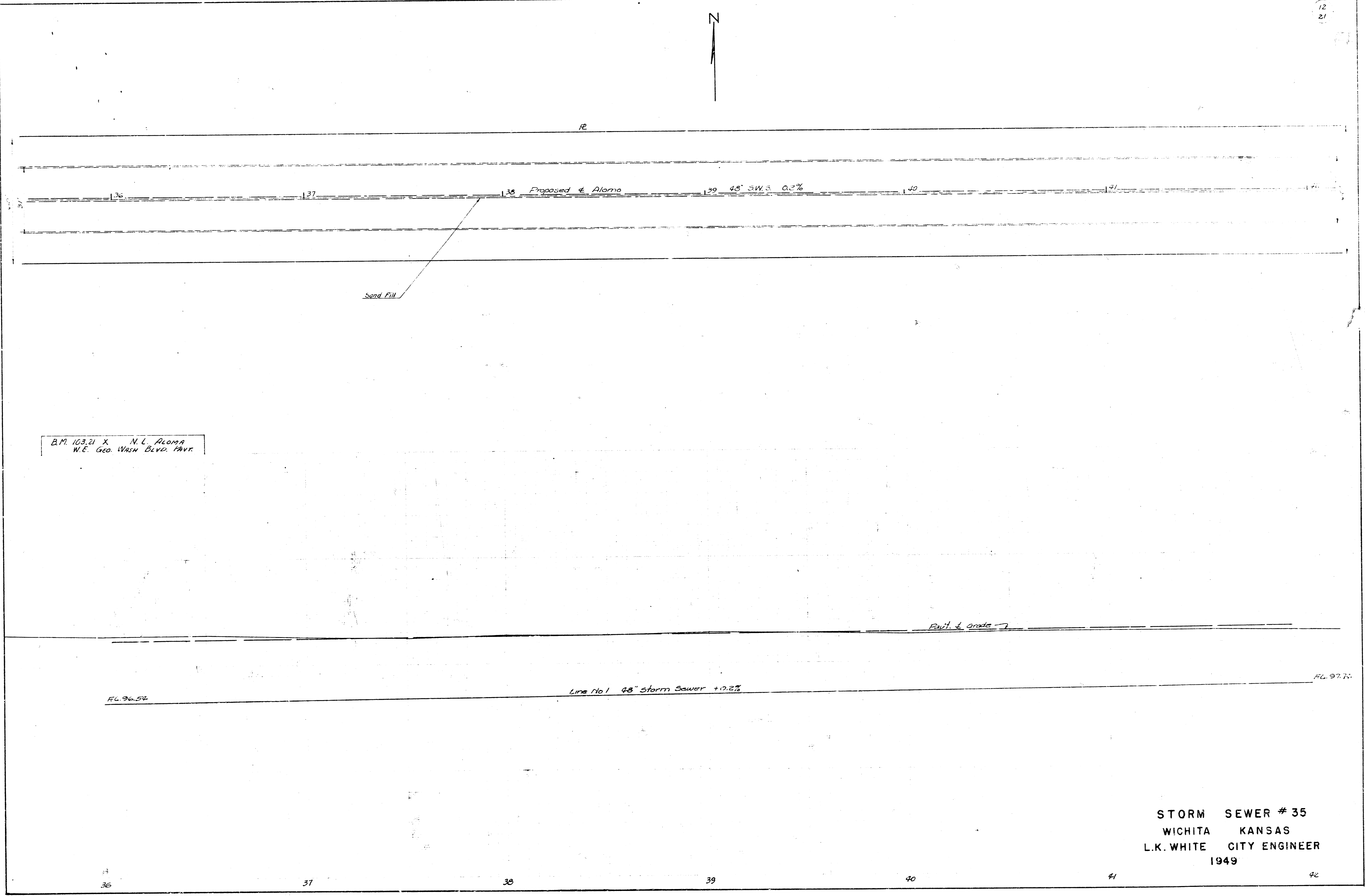
NOTE: All Sewer Ditches Under Existing or Proposed Pavt. Shall be Sand Fill.

B.M. 103.21 X N.L. Aloma
 W.E. Geo. Wash. Bldg. Pavt.



STORM SEWER # 35
 WICHITA KANSAS
 L.K. WHITE CITY ENGINEER
 1949

12
21



B.M. 103.21 X N.L. ALAMA
W.E. Geo. Wash. Div. Pavt.

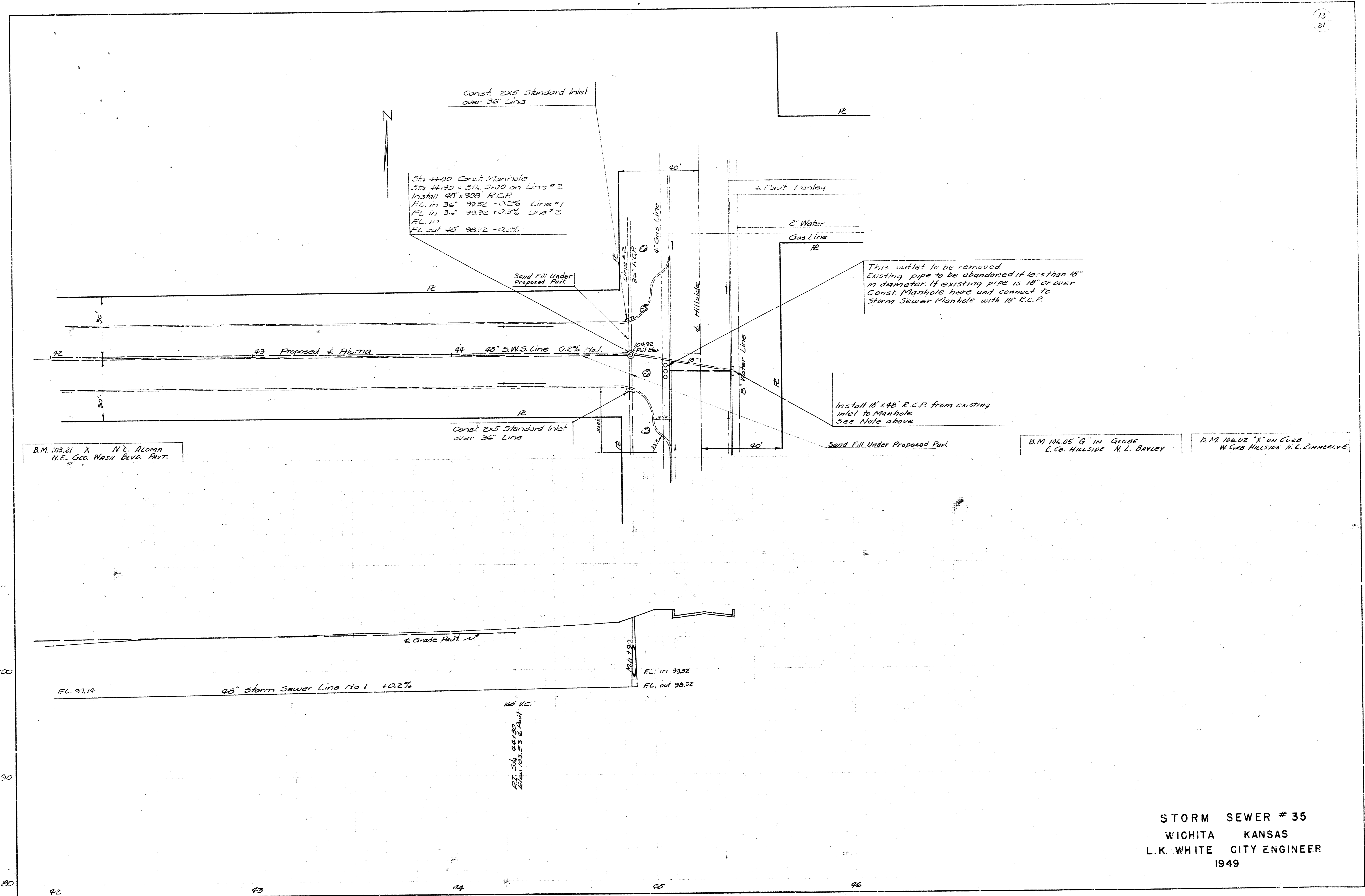
Proposed 4' Alamo

Send Fill

Foot. & Grade

Line No. 1 48" Storm Sewer +0.2%

STORM SEWER # 35
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Const. 2x5 Standard Inlet
over 36" Line

Sta. 44+90 Const. Manhole
Sta. 44+30 = Sta. 45+00 on Line #2
Install 48" x 90" R.C.P.
F.L. in 36" 99.92 +0.2% Line #1
F.L. in 36" 99.92 +0.2% Line #2
F.L. in 48" 99.92 -0.2%

This outlet to be removed
Existing pipe to be abandoned if less than 18"
in diameter. If existing pipe is 18" or over
Const. Manhole here and connect to
Storm Sewer Manhole with 18" R.C.P.

Install 18" x 48" R.C.P. from existing
inlet to Manhole
See Note above

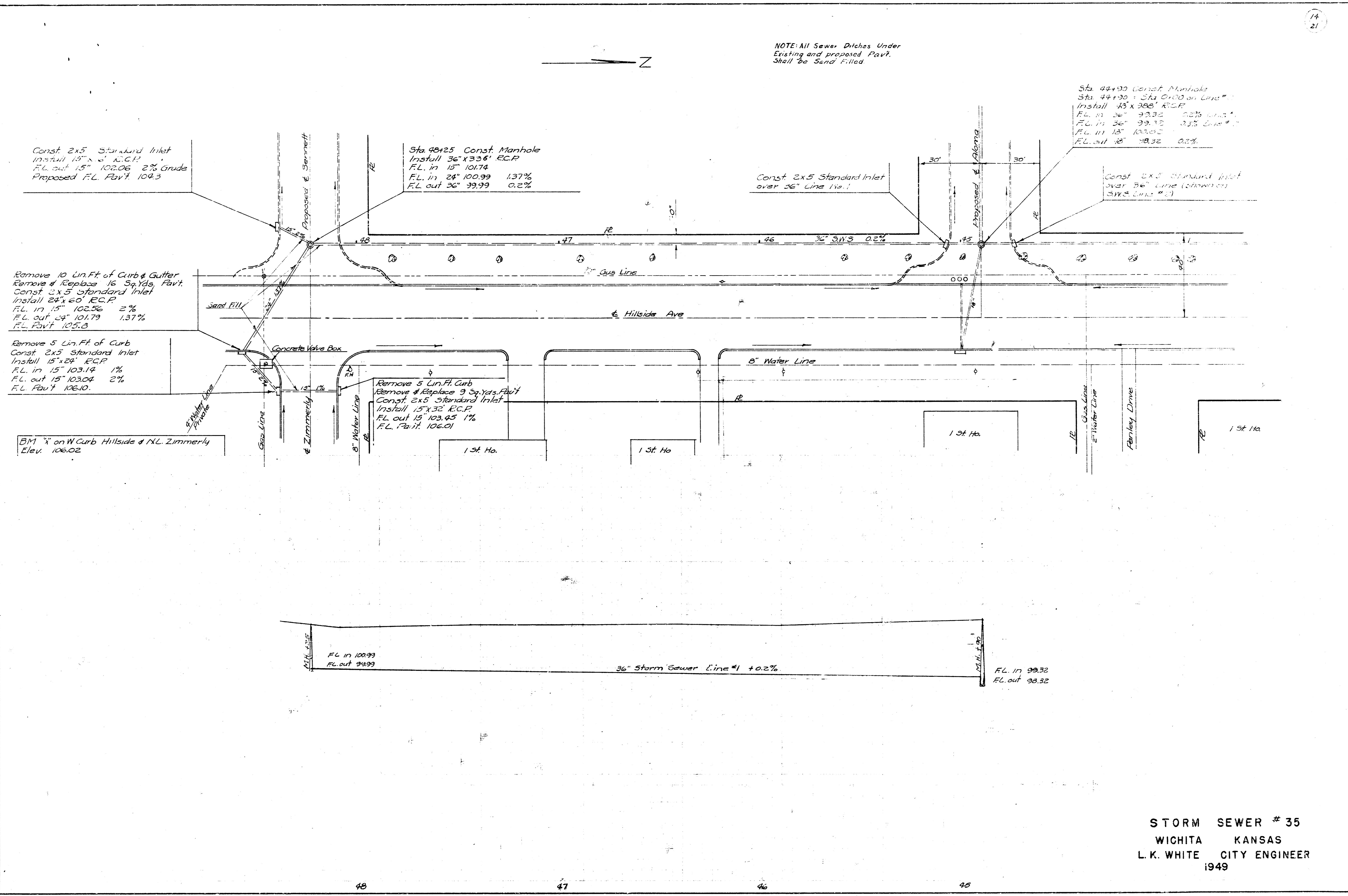
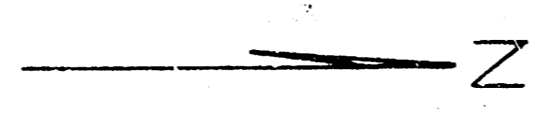
B.M. 103.21 "X" N.L. Alama
N.E. Geo. Wash. Blvd. PAVT.

B.M. 106.05 "G" in Code
E. Co. Hillside N. L. Bayley

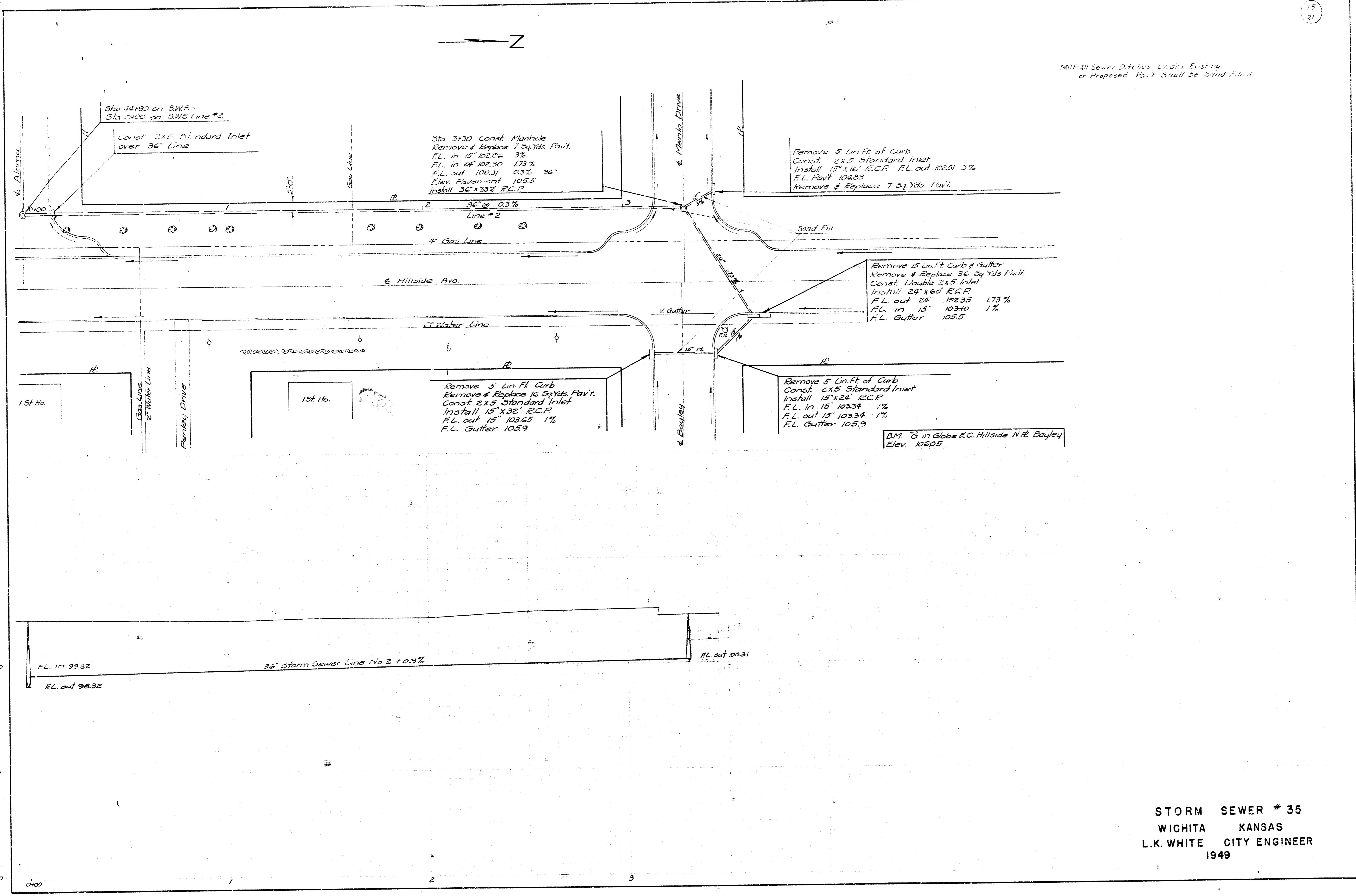
B.M. 106.02 "X" on Code
W. Co. Hillside N. L. Zimmerman

STORM SEWER # 35
WICHITA KANSAS
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1949

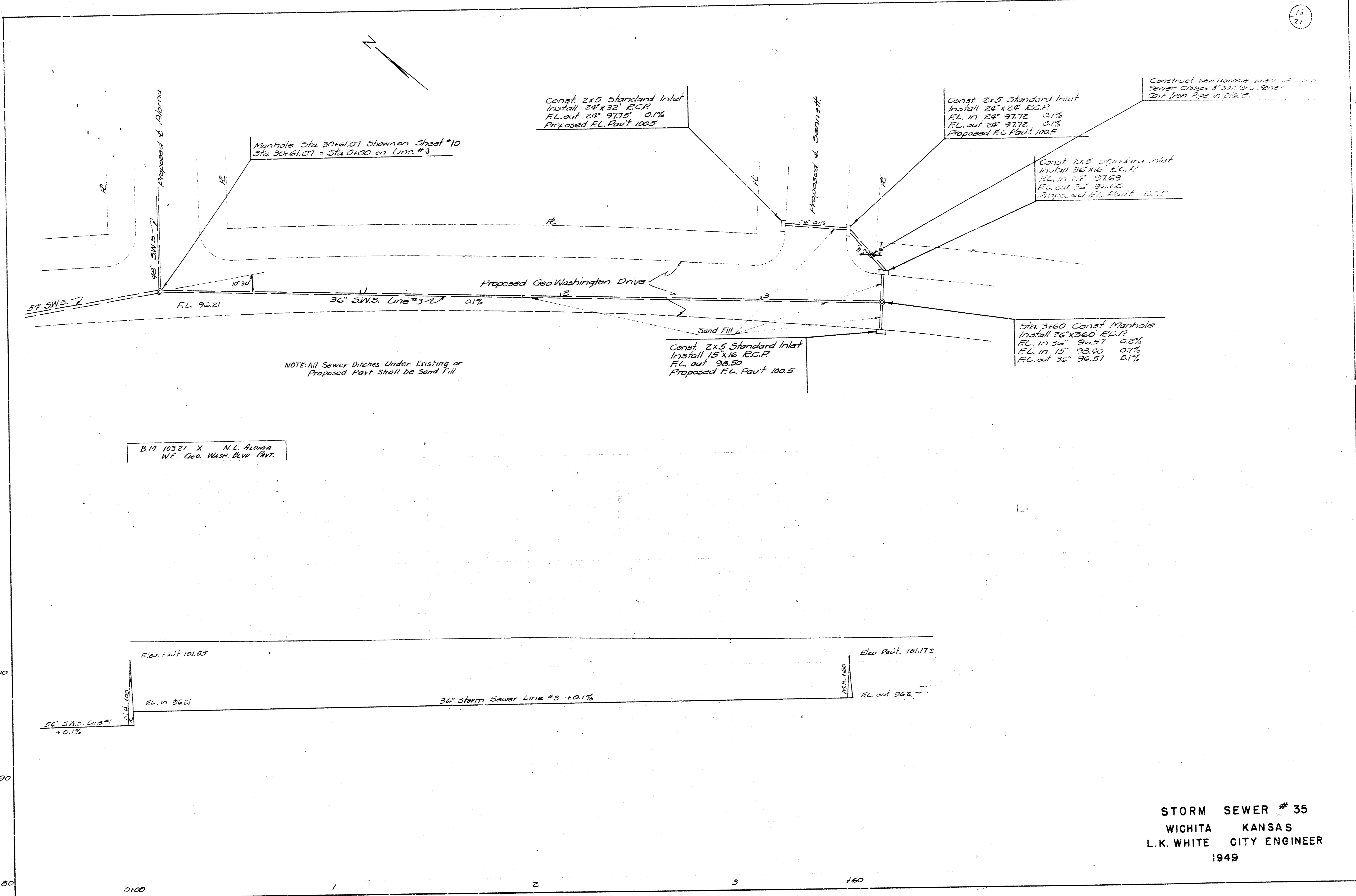
NOTE: All Sewer Ditches Under Existing and proposed Pavt. Shall be Sand Filled



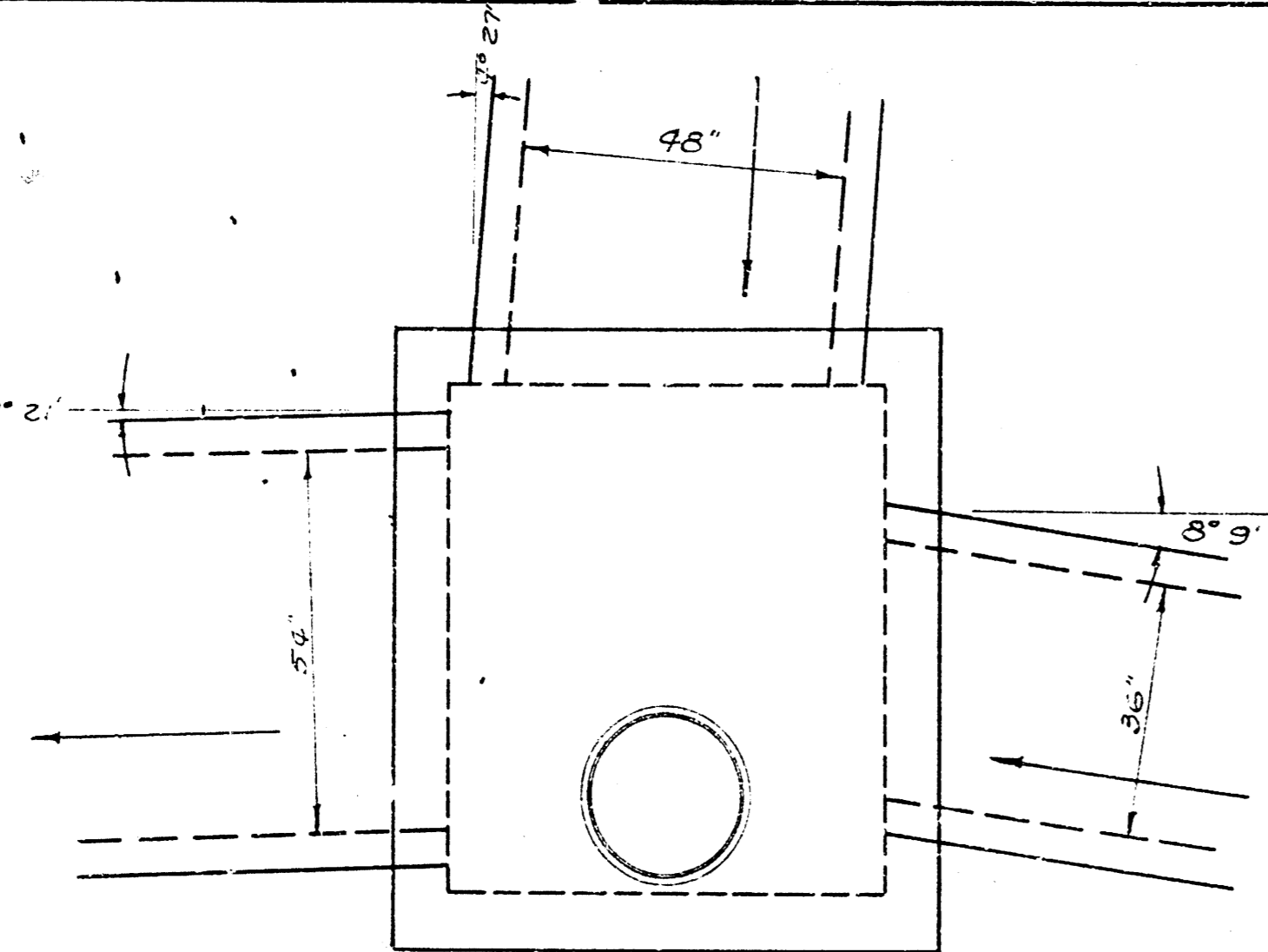
STORM SEWER # 35
WICHITA KANSAS
L. K. WHITE CITY ENGINEER
1949



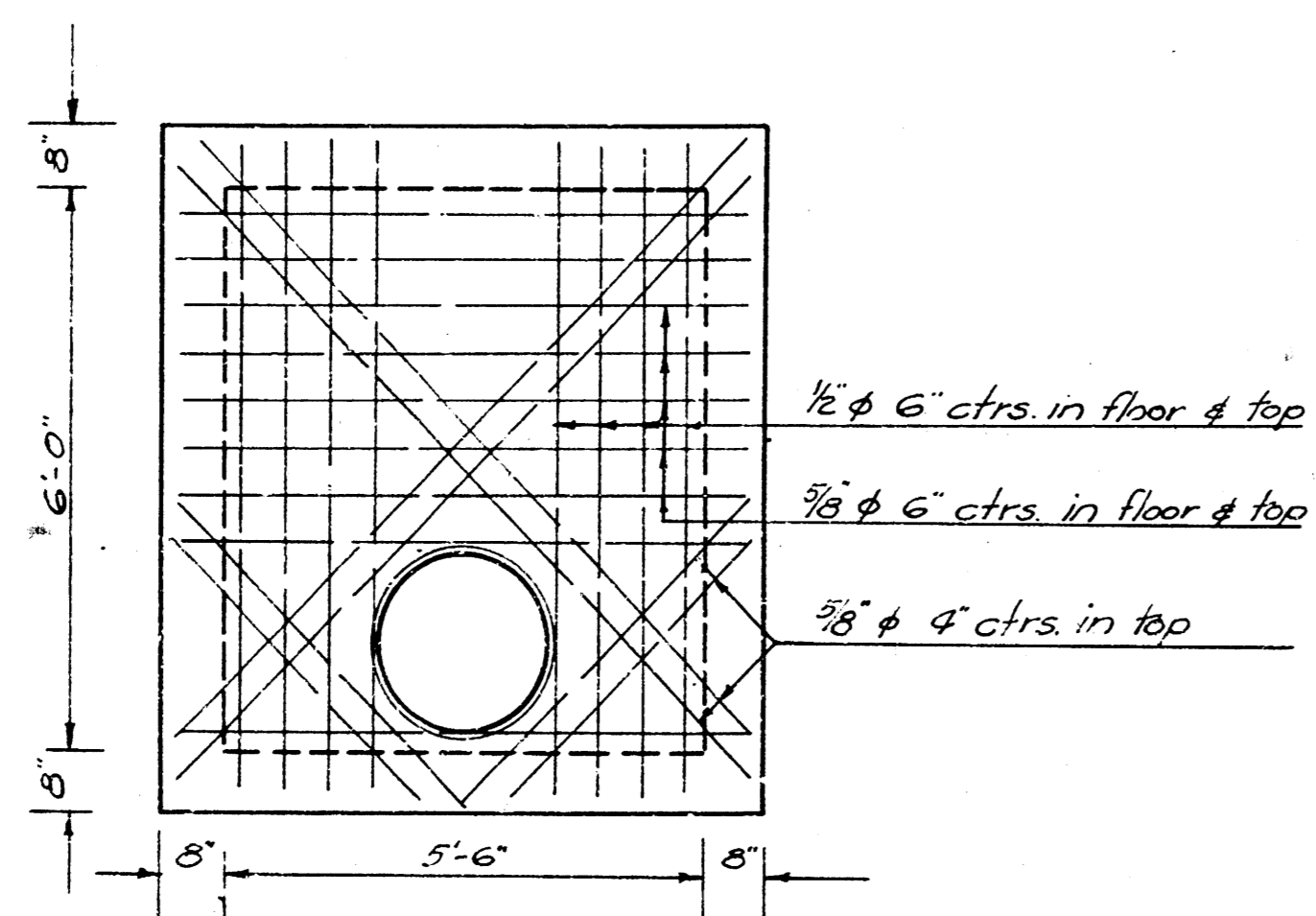
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WICHITA KANSAS
L.K. WHITE CITY ENGINEER
1949



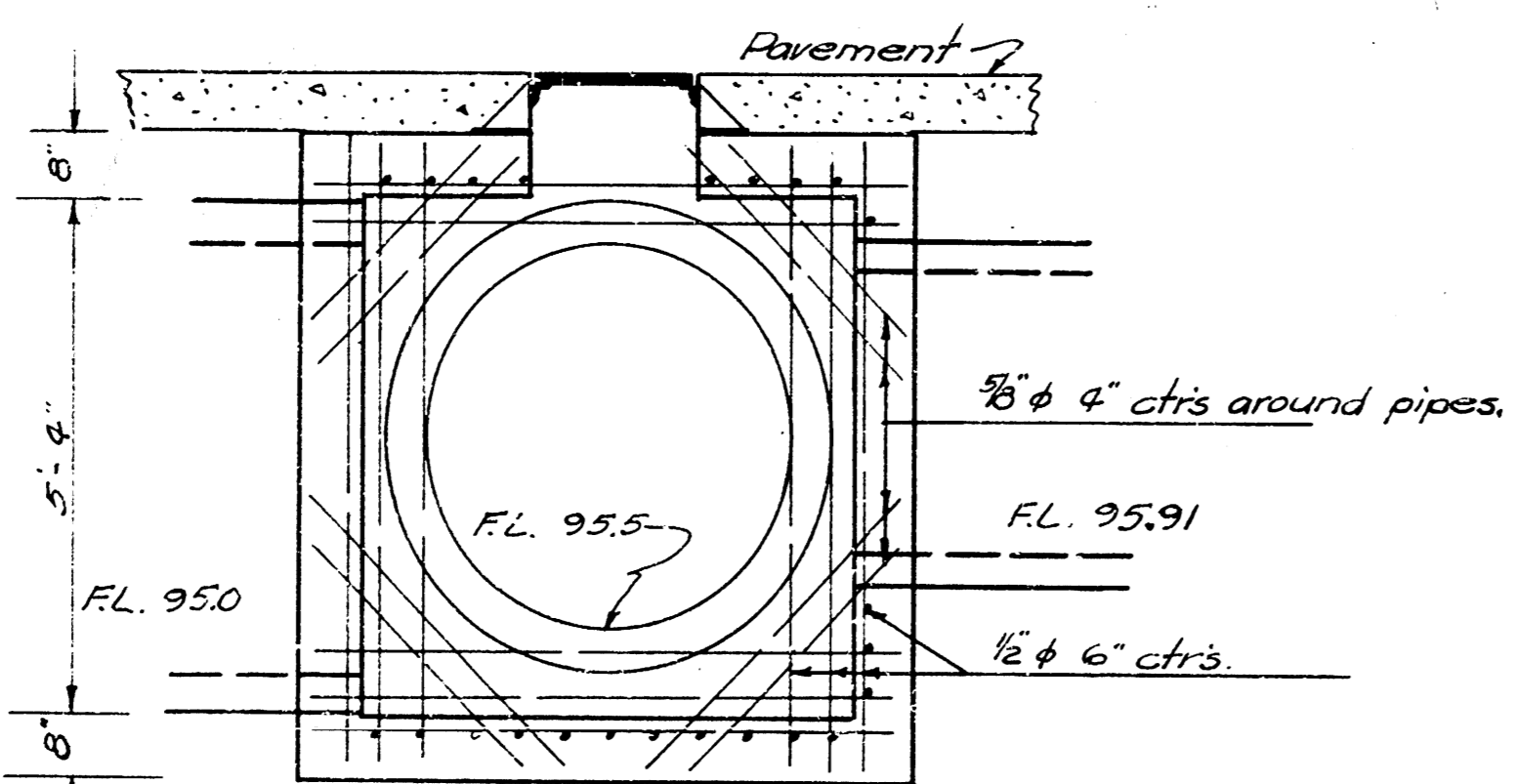
STORM SEWER # 35
 WICHITA KANSAS
 L.K. WHITE CITY ENGINEER
 1949



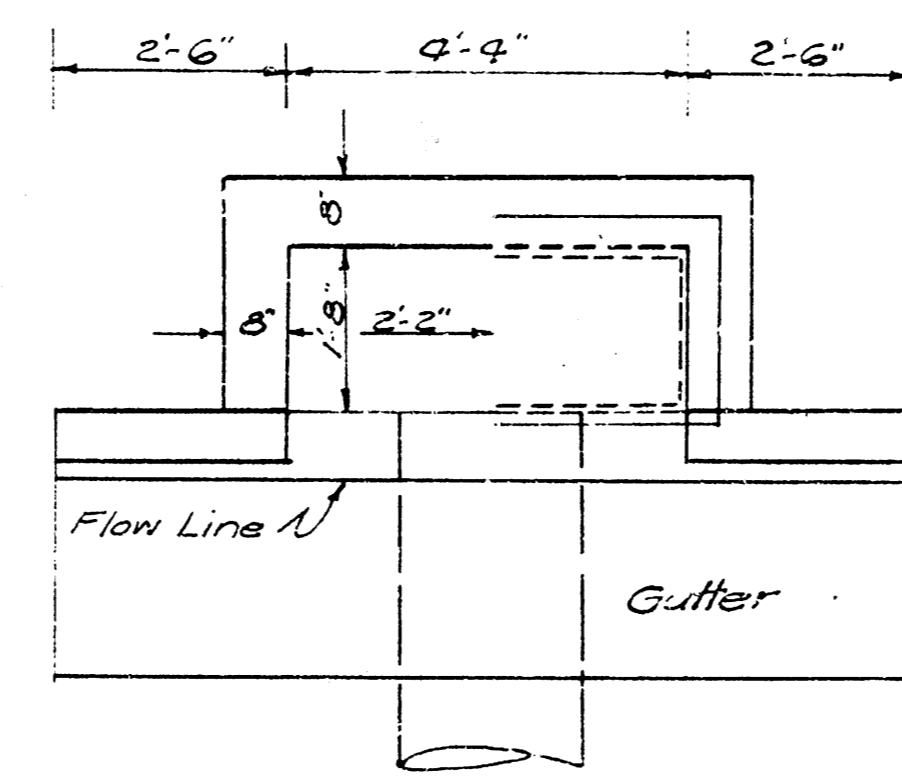
LAYOUT MANHOLE STA 30+61.07



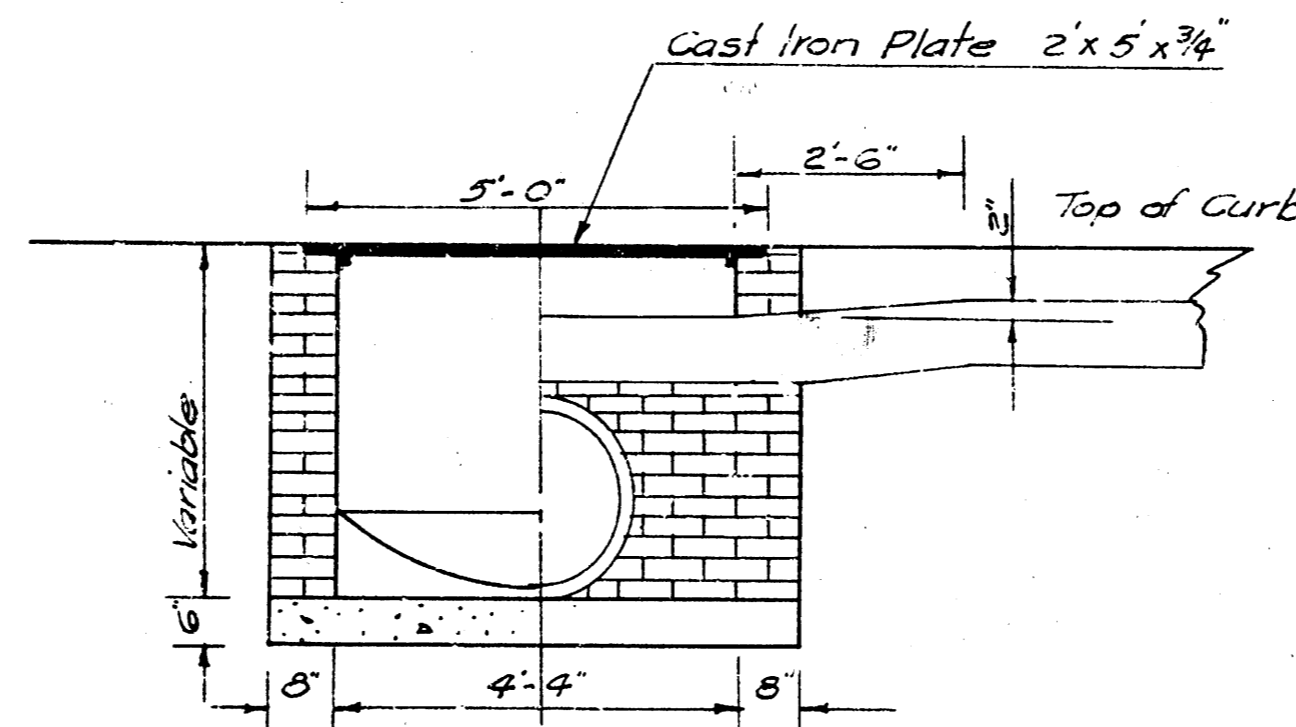
PLAN
Showing Rein. Steel in Floor & Top



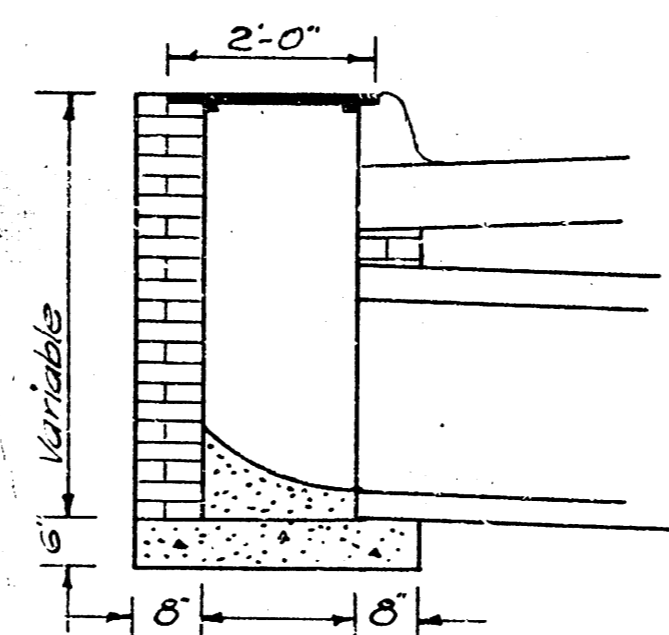
ELEVATION
Showing Rein. Steel in Walls
Scale 1/2"=1'



PLAN CATCH BASINS

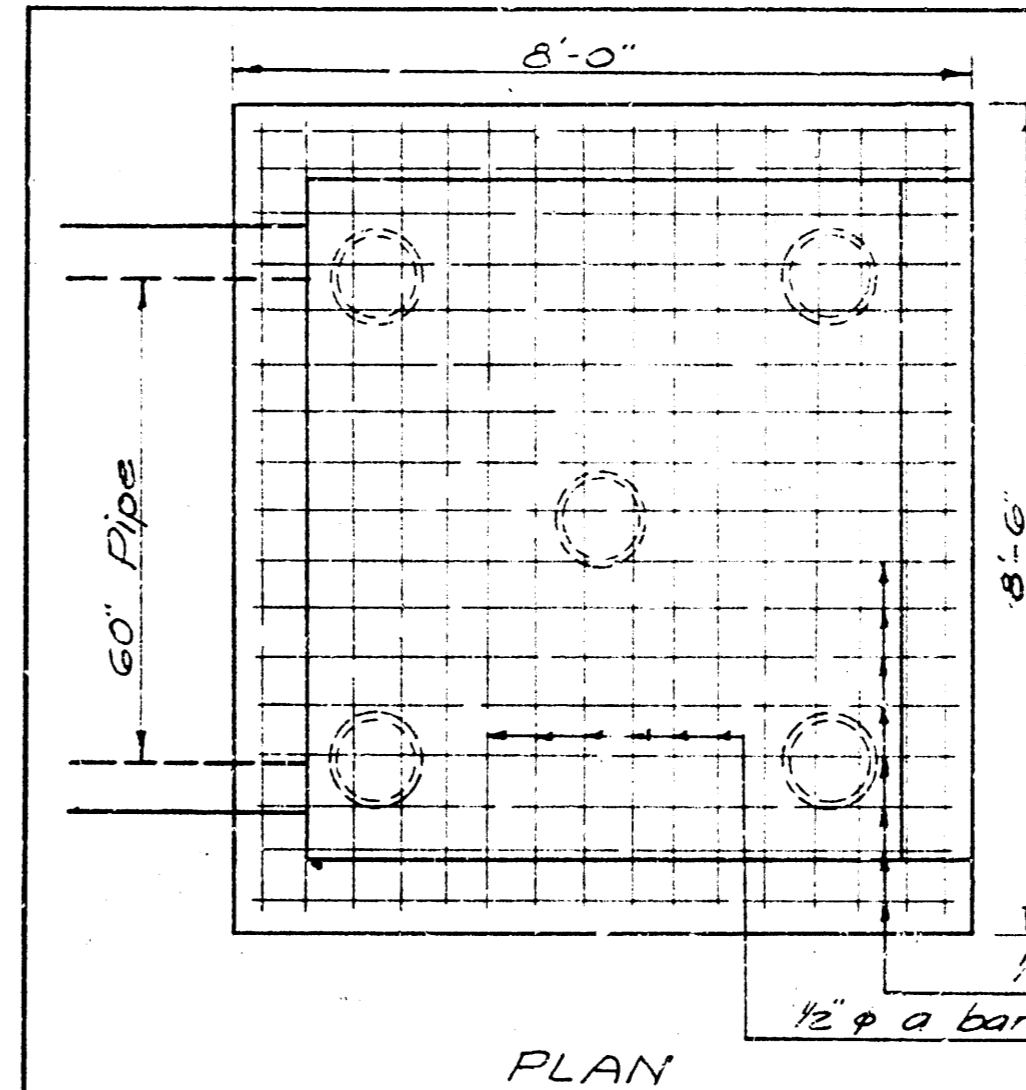


HALF SECTION HALF ELEVATION



CROSS-SECTION
Scale 1/2"=1'

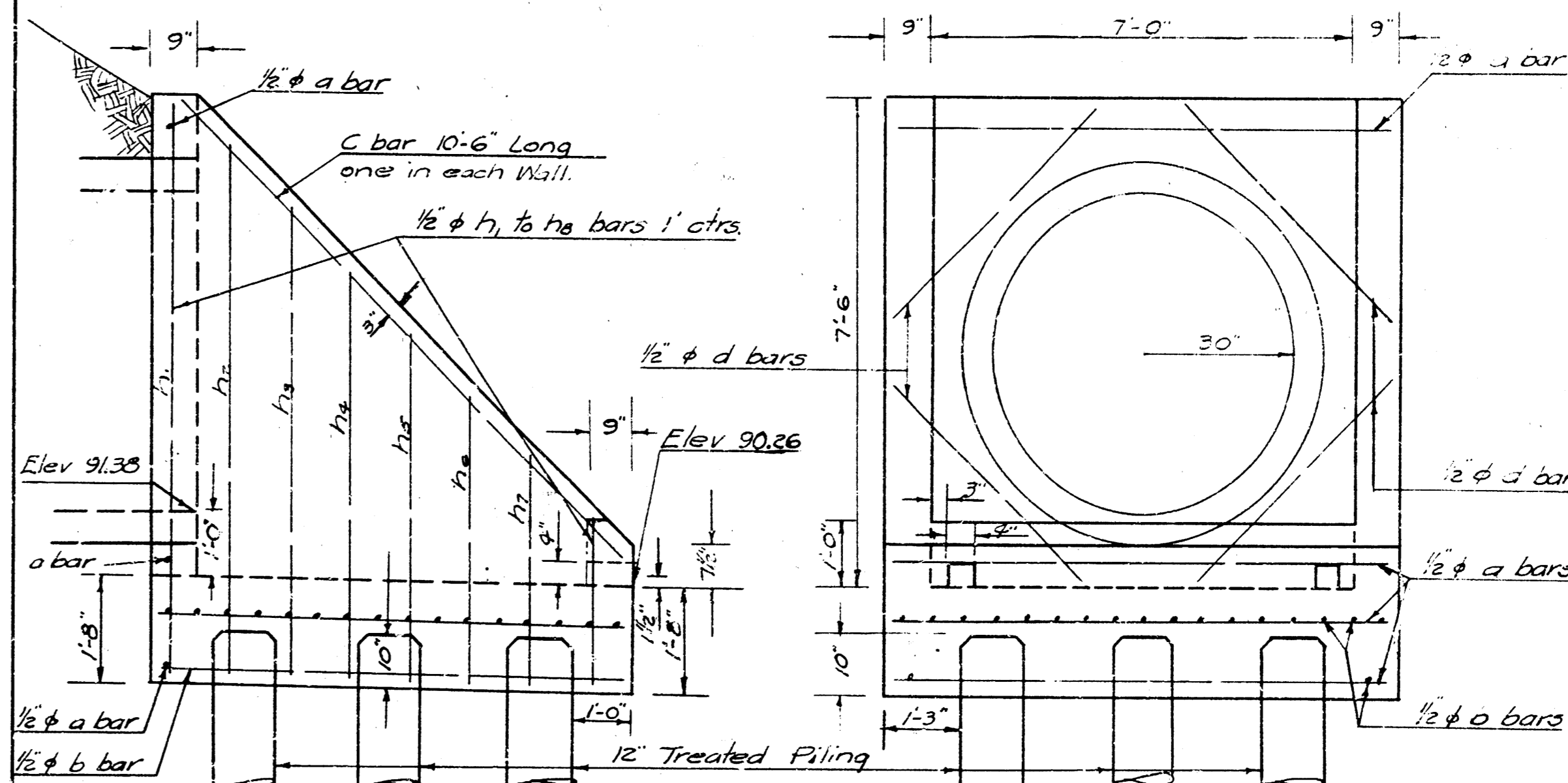
NOTE: Where inlets are to be installed in streets that are paved, the minimum length of curb and gutter to be removed shall be 9'-4".
Floors of inlets shall be shaped as shown.
No additions in concrete quantities shall be made for shaping floor of inlets.
Concrete for floors of inlets shall contain 7 sacks of cement per cu. yd. with only sufficient water so that moisture will flush to the surface when tamped in place.



PLAN

Rein. Steel Schedule	
Type	4
Yd	20
Size	2 # 4
Qty	7.5

Bill of Materials	
Exca.	35 Cu. Yds.
Conc.	647 Cu. Yds.
Rein. Steel	230 lbs.
Billings	5 - 20 Treated Piles
Rock	3 Cu. Yds.



SIDE ELEVATION

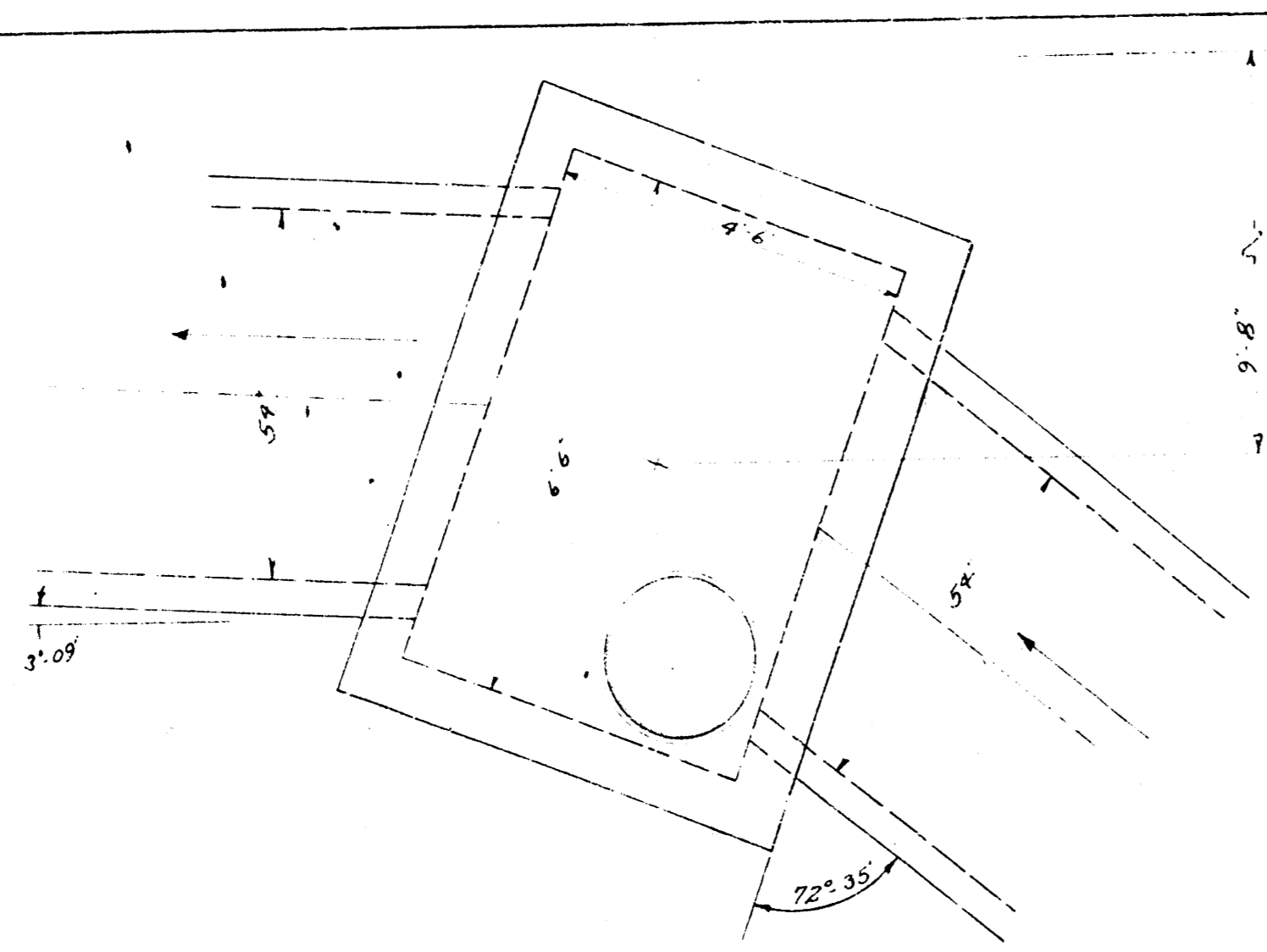
FRONT ELEVATION

DETAILS OF OUTFALL

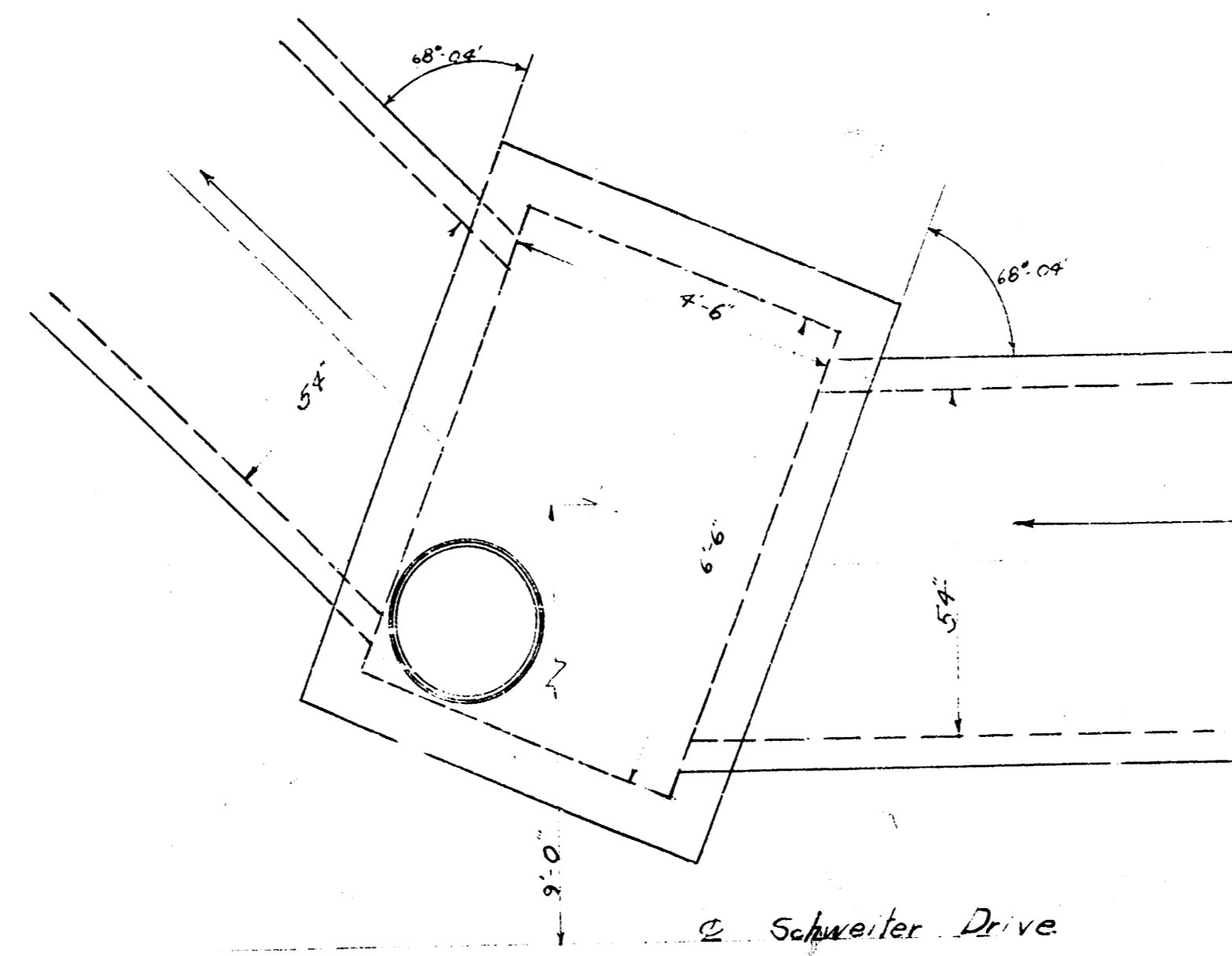
NOTE: Concrete for Manholes shall contain not less than 165 Barrels of cement per cu. yd. In no event shall the total water content exceed 6.25 gallons per sack of cement. The mixture of fine and coarse aggregate shall be such as will produce a maximum density and the most workable mixture.
In general, pipes will enter and leave the Manhole at various positions. Where possible, bend bars around pipes. Where pipes are large use 3/8" diagonal bars as shown.
Floors of Manholes to be shaped for flow and drainage with concrete. No deductions in concrete quantities shall be made for pipe openings.
No additions in concrete quantities shall be made for shaping floor of Manholes.
Internal vibrator to be used for placing concrete.

NOTE: Excavation is figured 1 ft. outside of walls.
All walls to be formed on both sides. Bevel all exposed edges with a 3/8" triangular moulding.
Concrete to be mixed the same as noted for Manholes.
No deduction of concrete quantities for pipe openings or pile heads.
Broken pavement or rocks shall be placed from front of headwalls to edge of Canal bed. This bed of rock to be not less than 2 ft. thick.

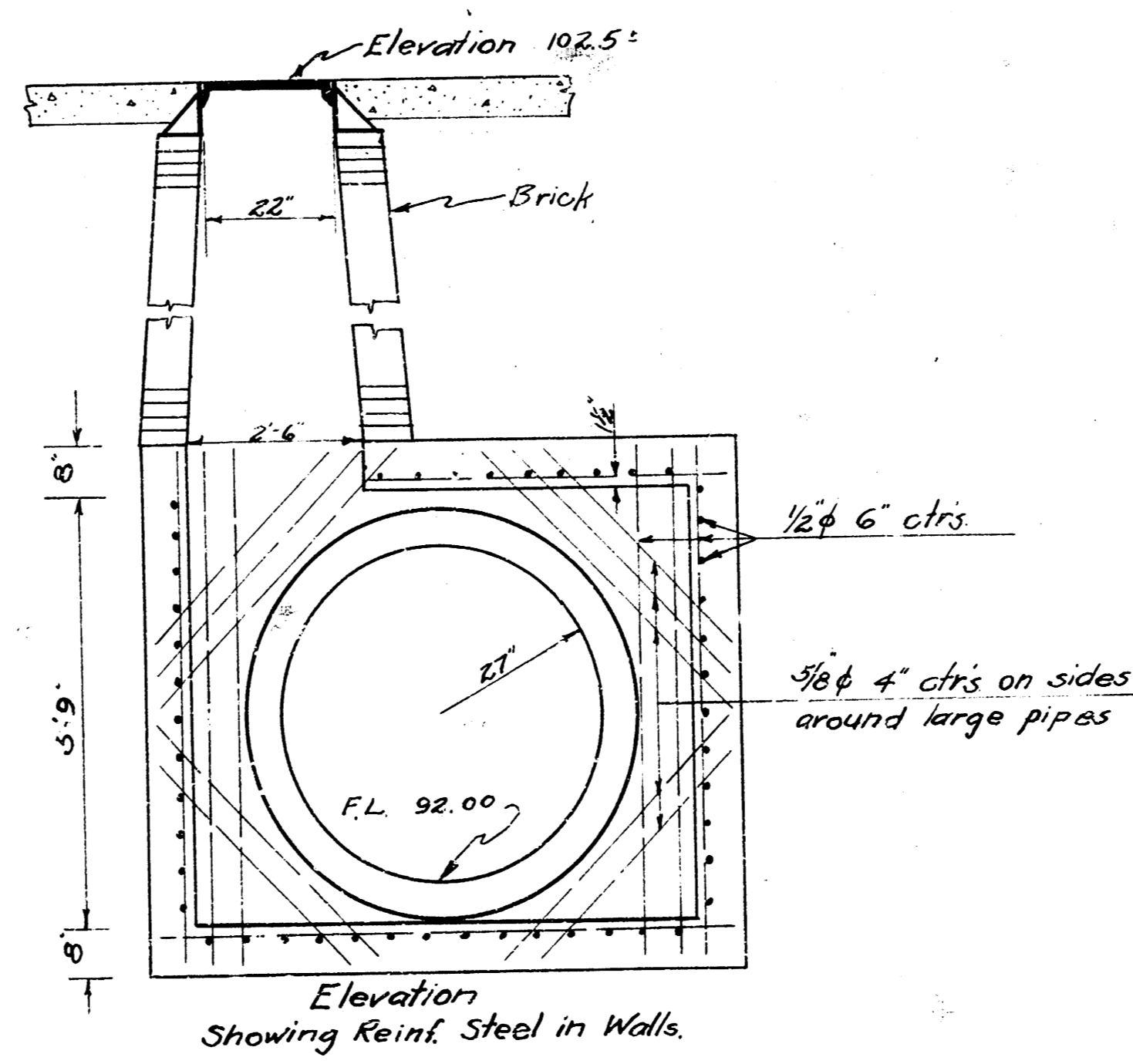
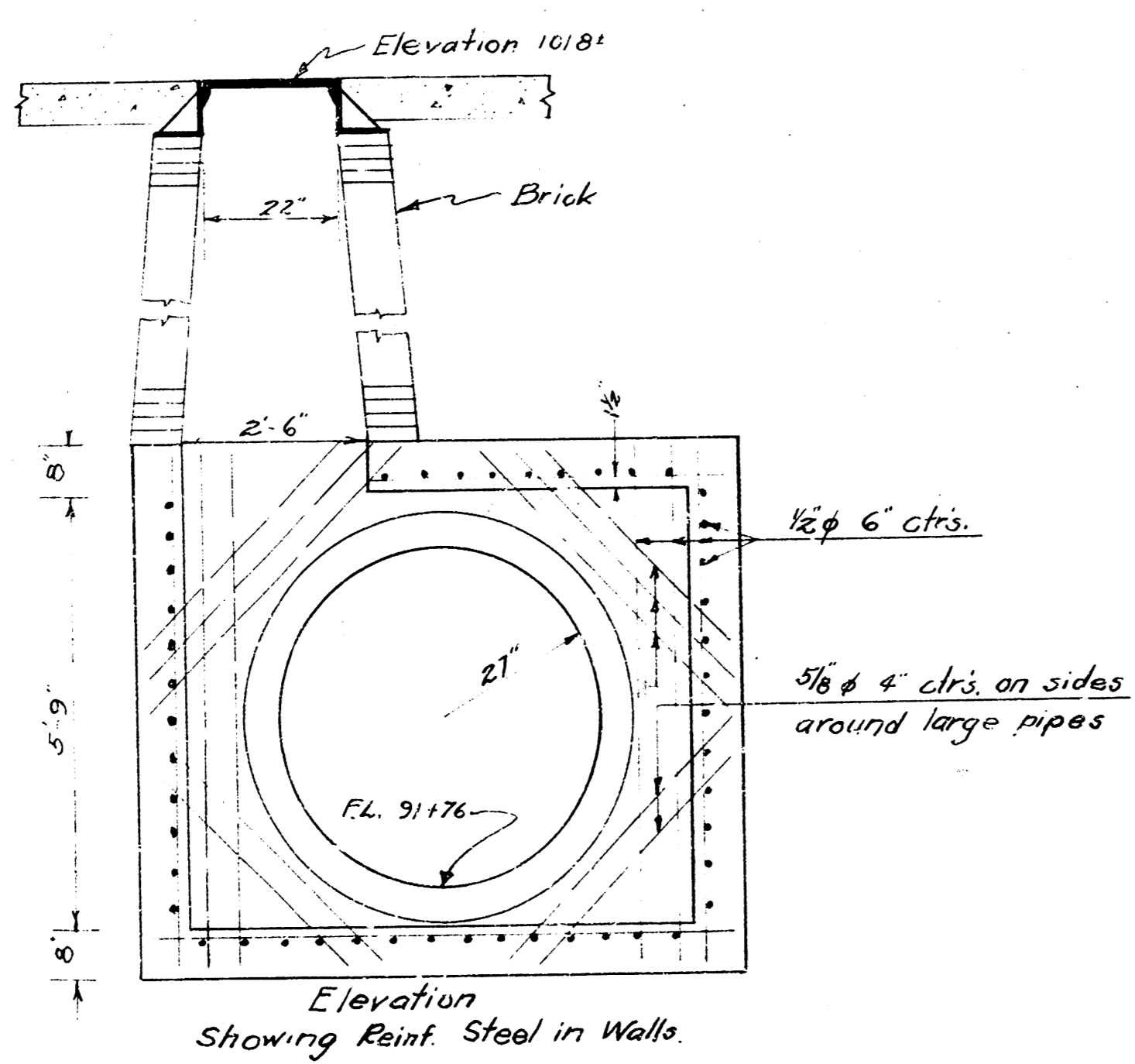
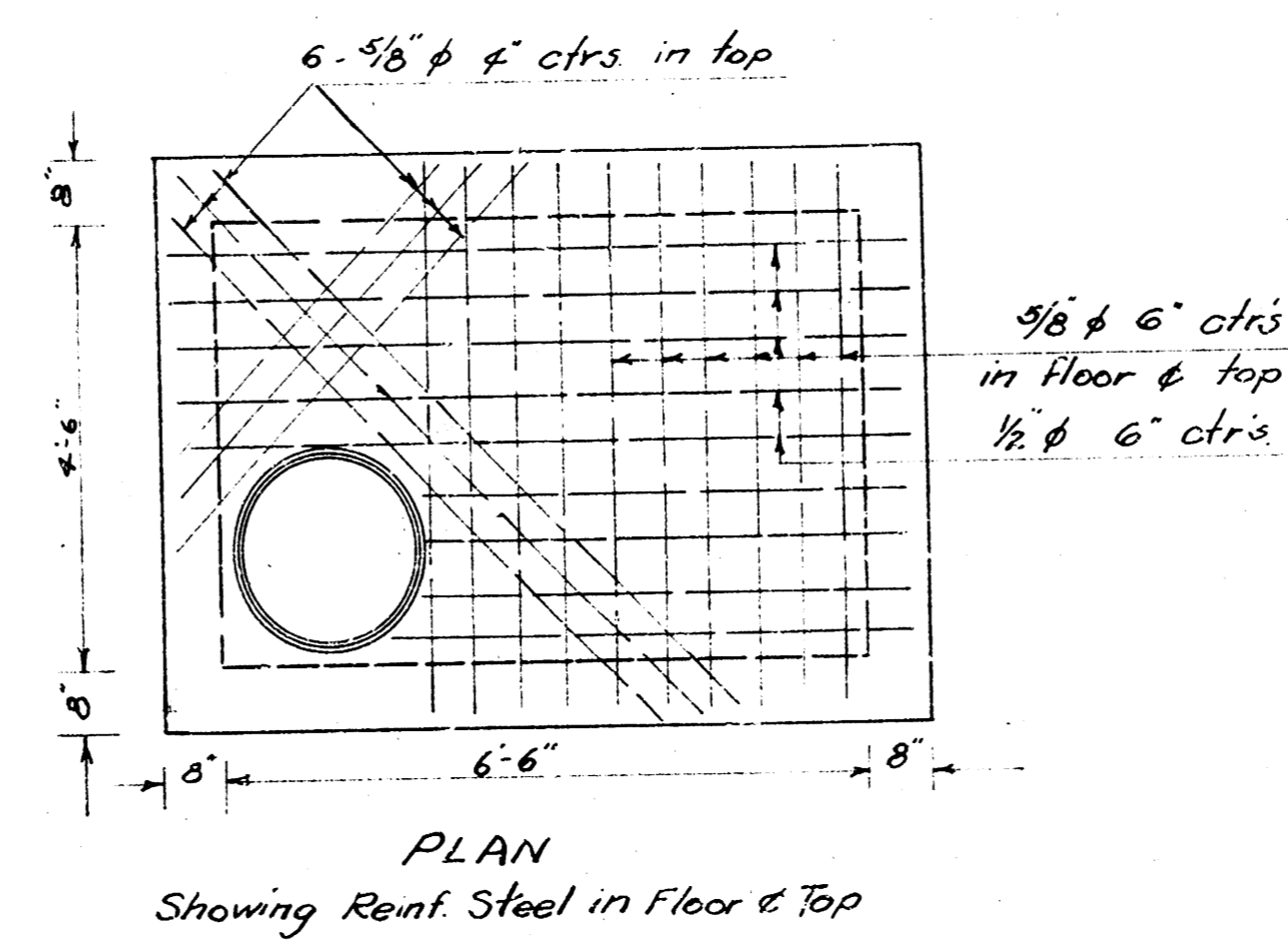
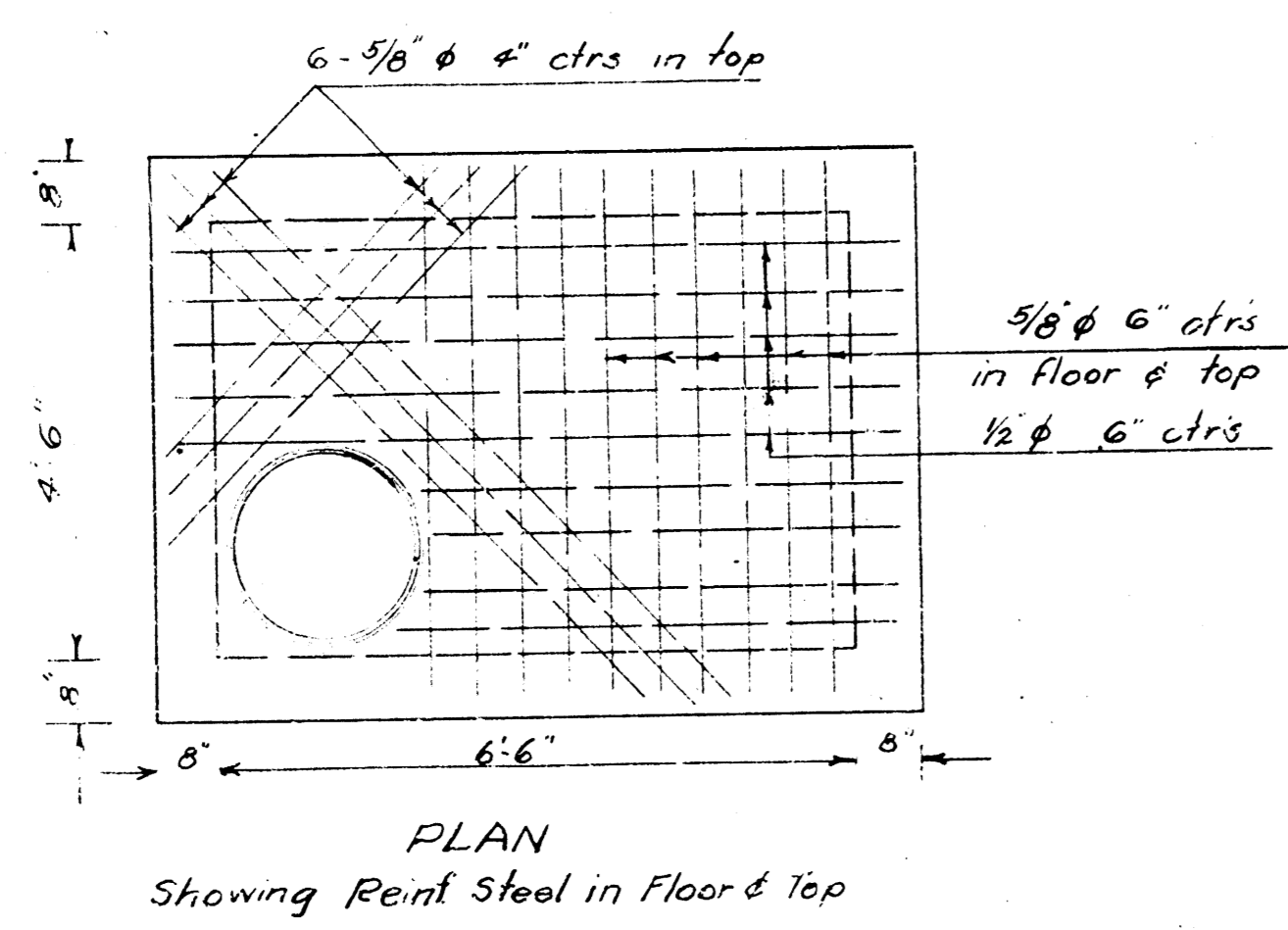
STORM SEWER #35
LAYOUT & DETAILS
OF
MANHOLE INLETS & OUTFALL
WICHITA, KANSAS
L.K. WHITE
CITY ENGINEER



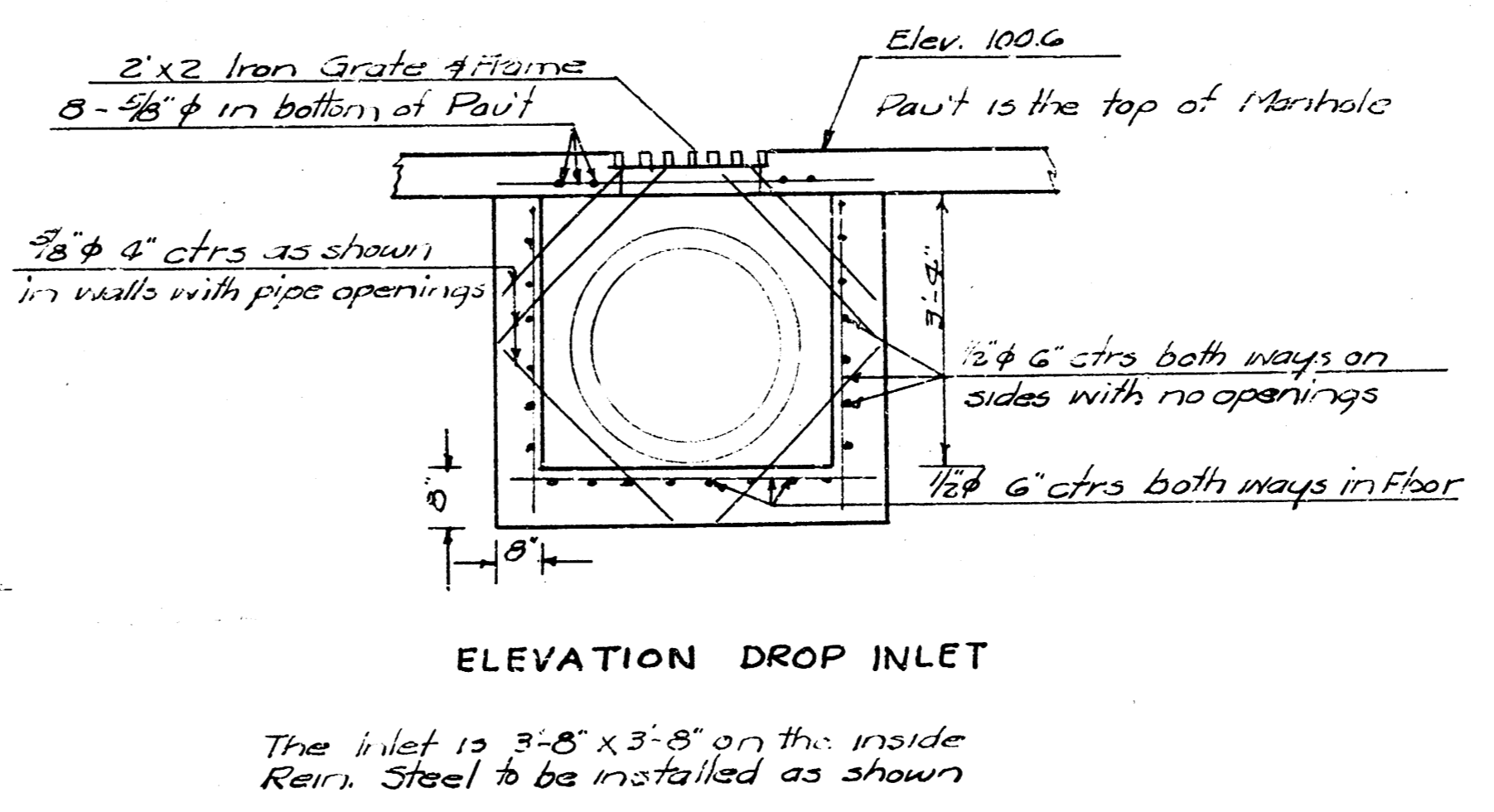
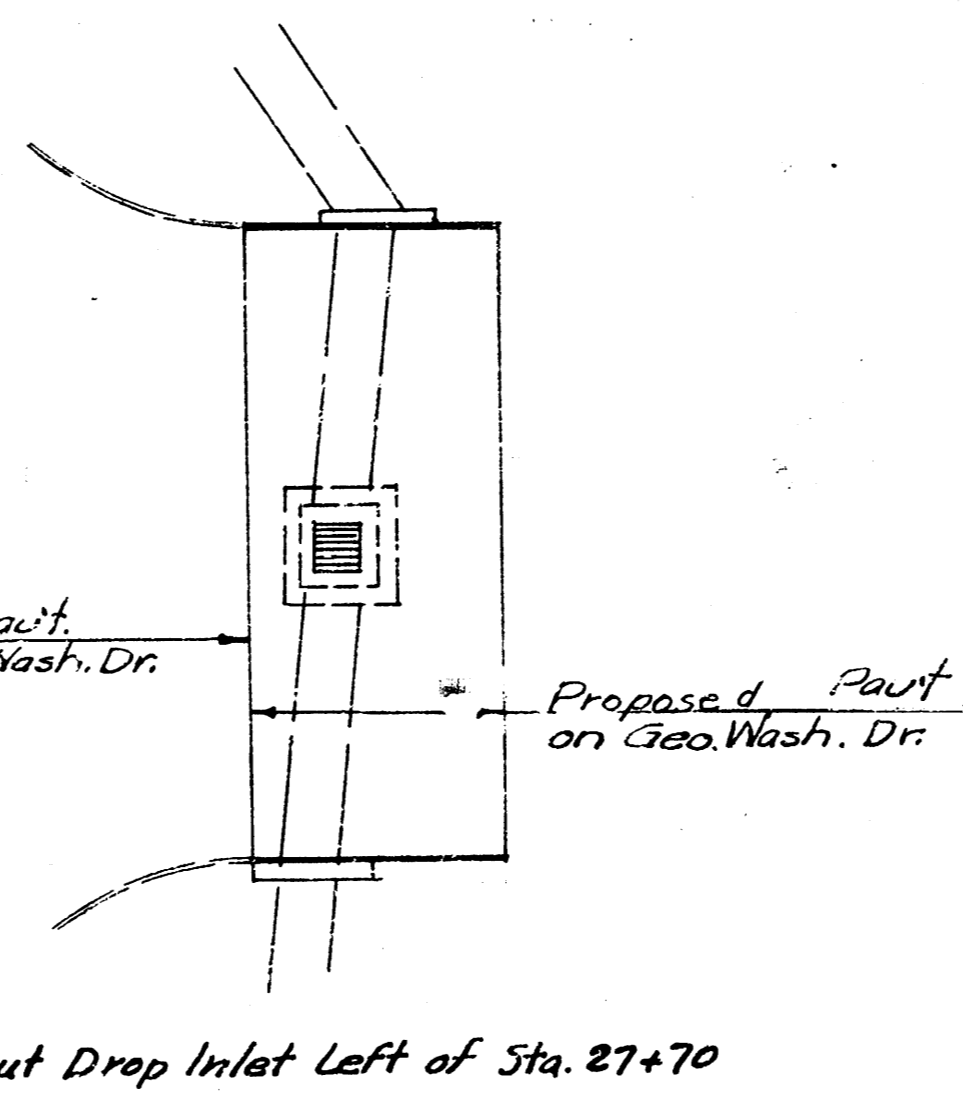
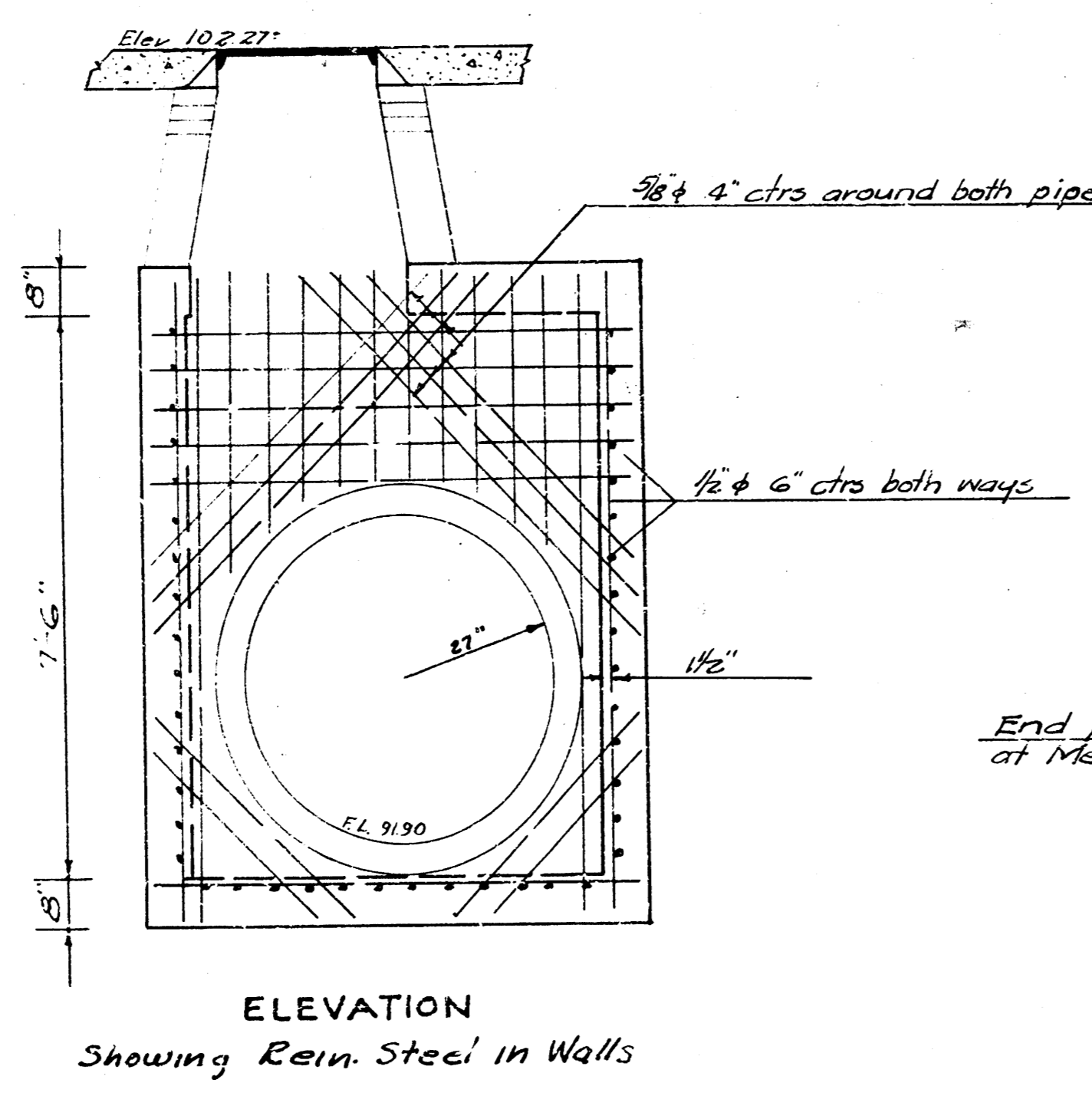
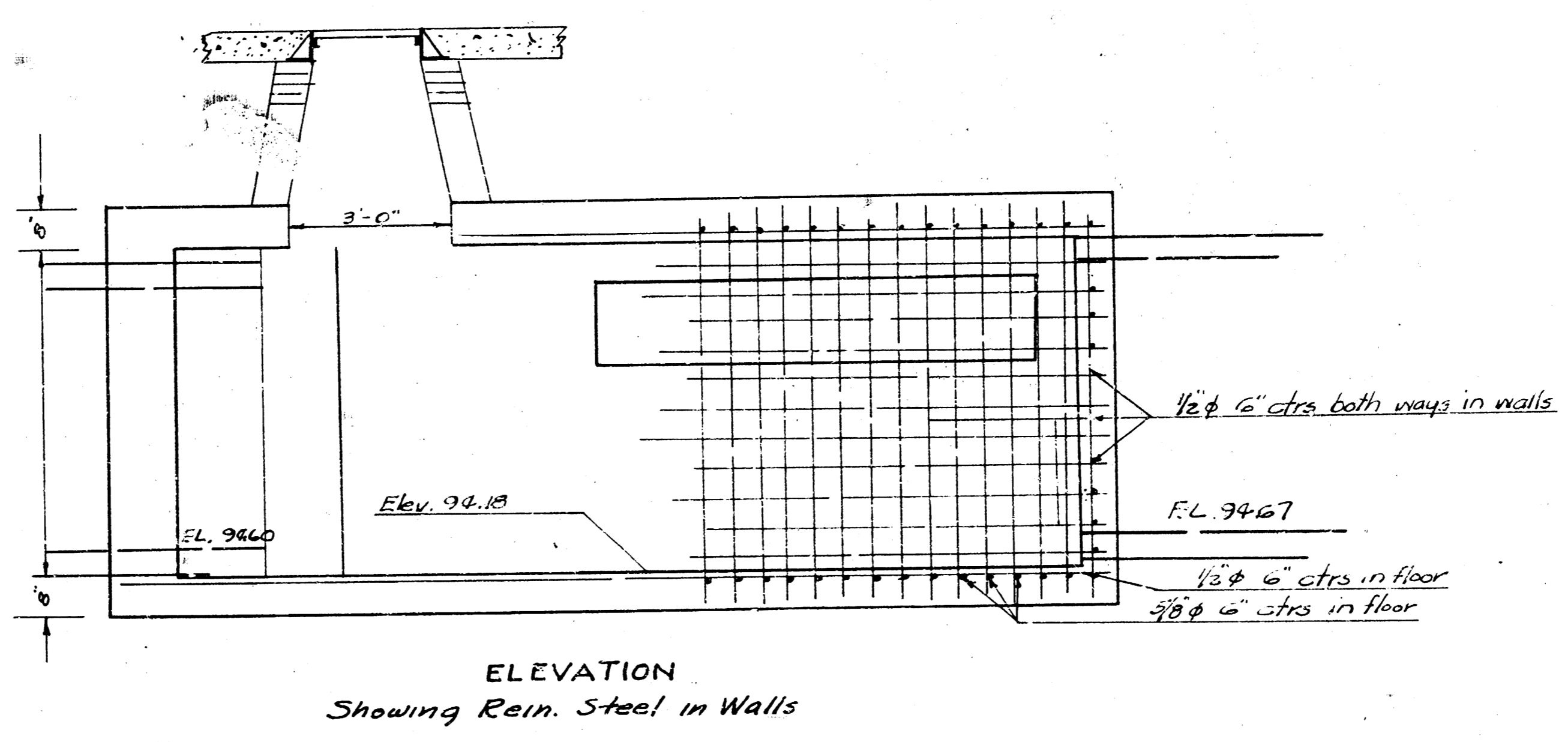
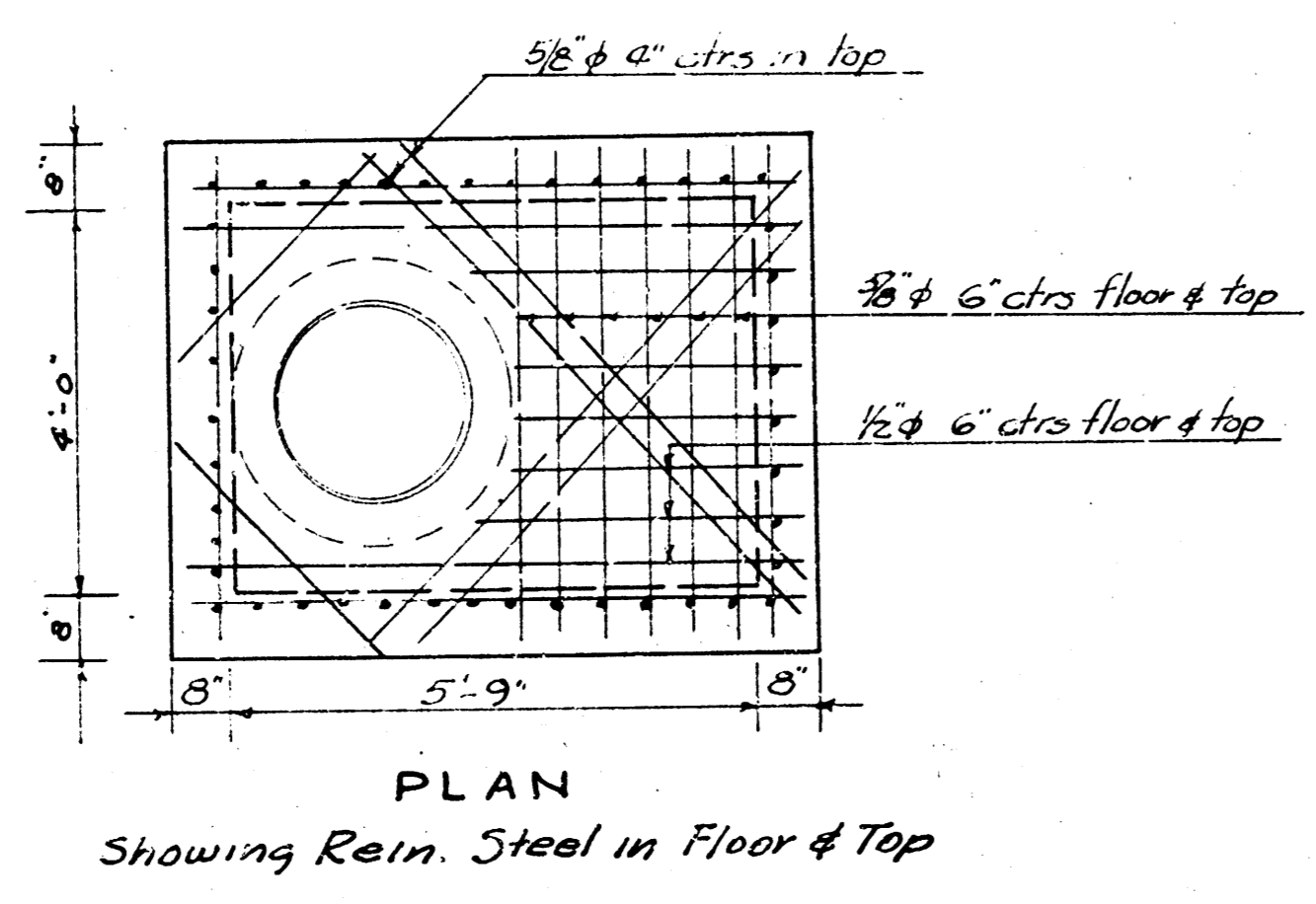
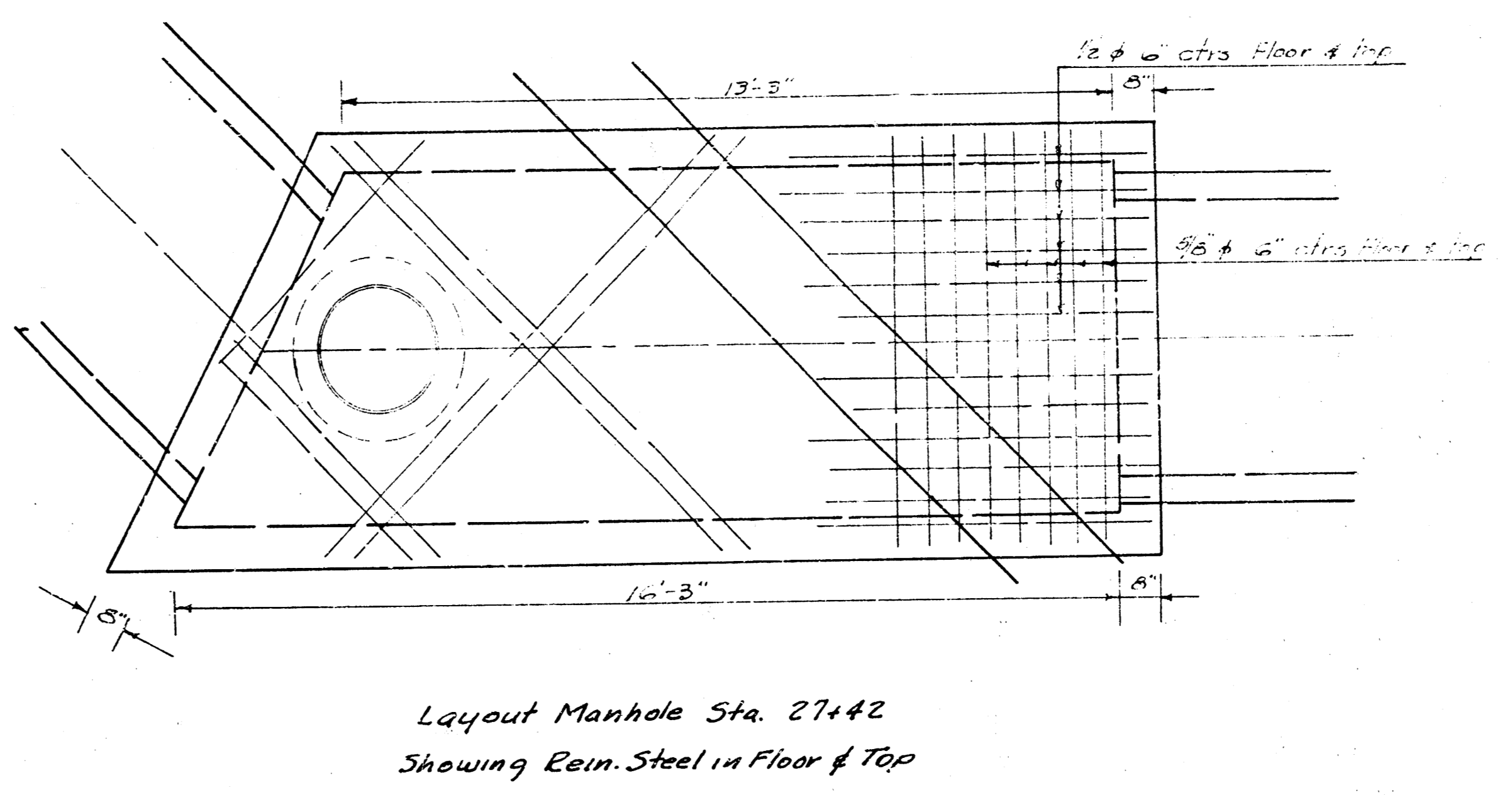
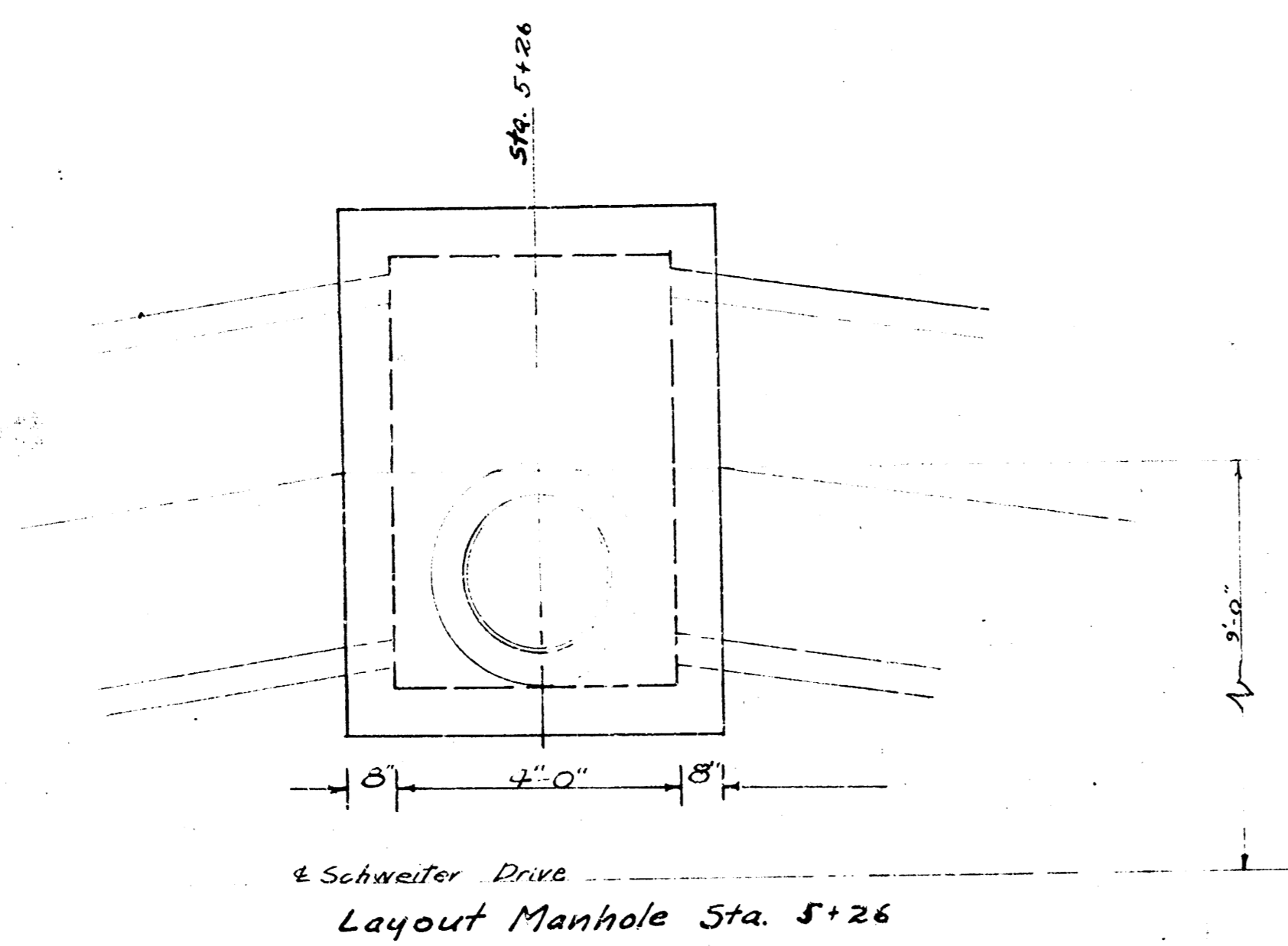
Layout Manhole Sta 3+86



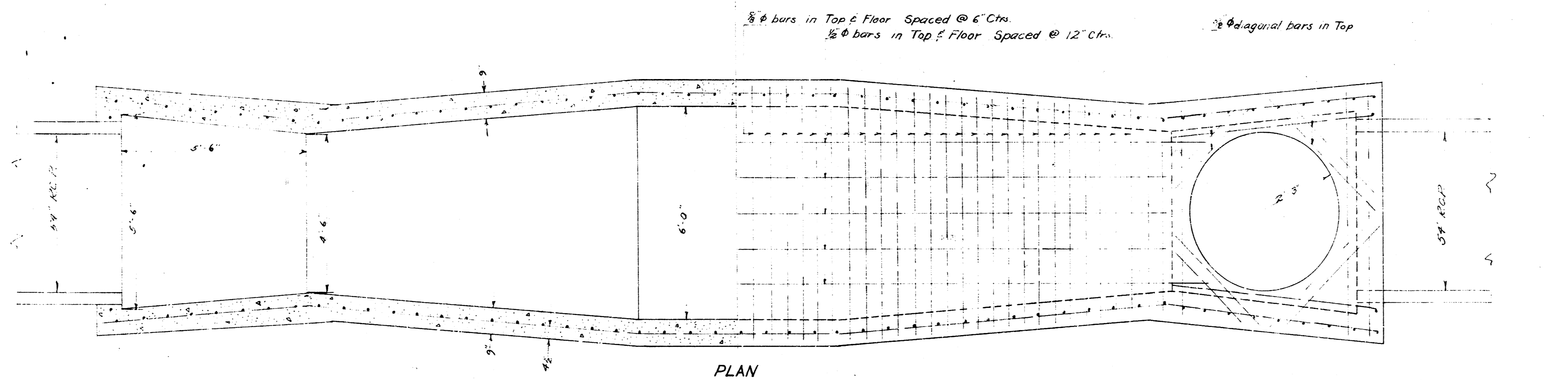
Layout Manhole Sta 6+26



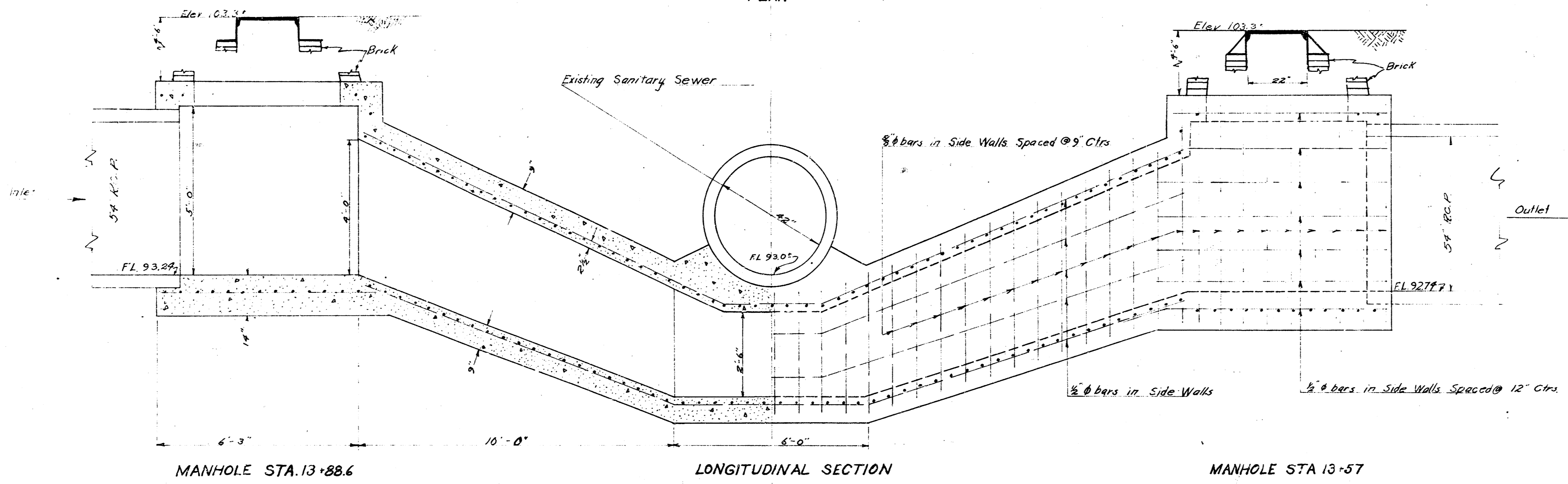
STORM SEWER #35
 LAYOUT & DETAILS
 OF
 MANHOLES
 WICHITA, KANSAS
 L.K. WHITE CITY ENGINEER
 1949



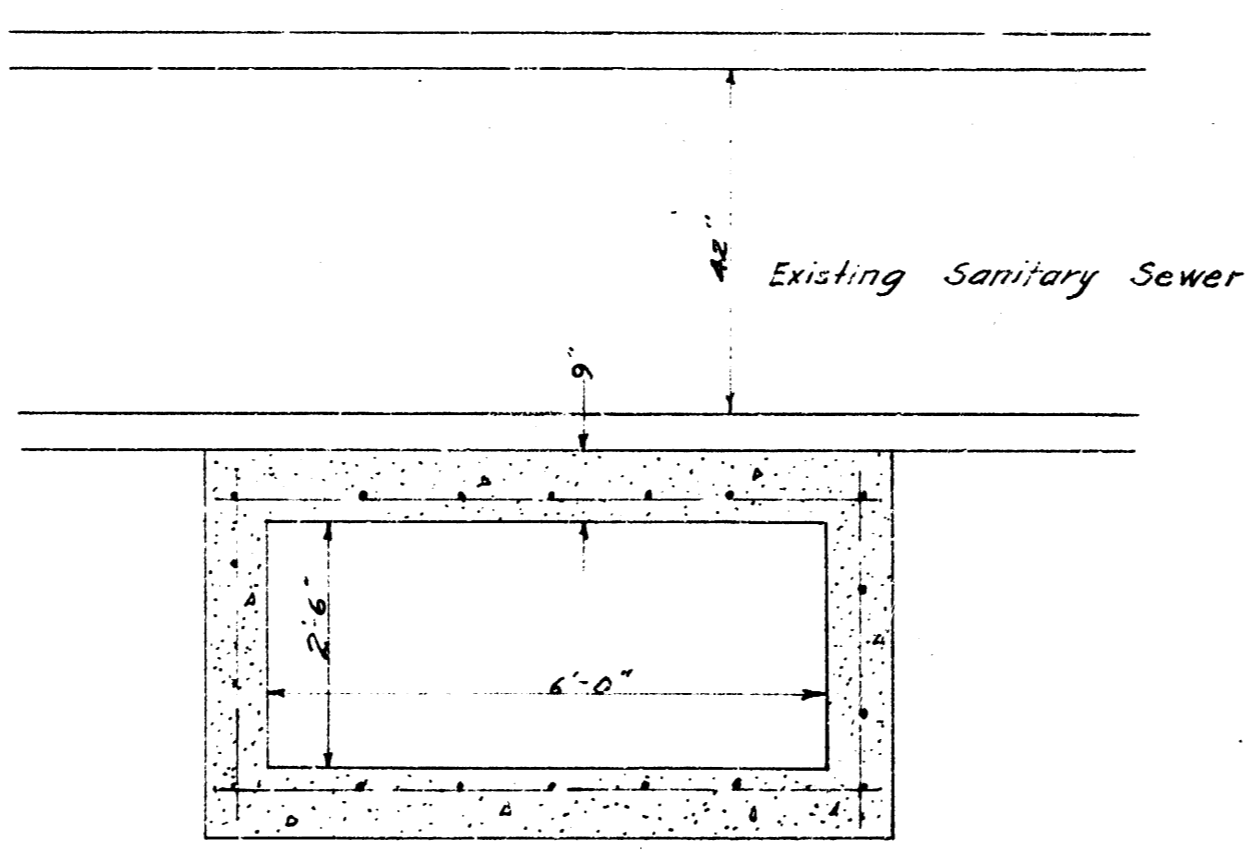
STORM SEWER # 35
LAYOUT & DETAILS
OF
MANHOLES
WICHITA KANSAS
L.K. WHITE CITY ENGINEER
1949



PLAN



LONGITUDINAL SECTION



TRANSVERSE SECTION

BILL OF MATERIAL	
Excavation	205 Cu. Yds.
Concrete	28 Cu. Yds.
Reinf. Steel	1880 Lbs.
2 Brick Manholes 4'-6" High	

NOTE: Excavation is figured 1/2" outside of walls.
 All walls to be formed on both sides.
 Bevel all exposed edges with 3/4" triangular Moulding.
 Concrete to be mixed the same as noted for manholes, see sheet 17.
 No deduction of concrete quantities for pipe openings.

STORM SEWER # 35
 LAYOUT AND DETAILS
 FOR
 INVERTED SIPHON
 WICHITA, KANSAS
 L.K. WHITE CITY ENGINEER