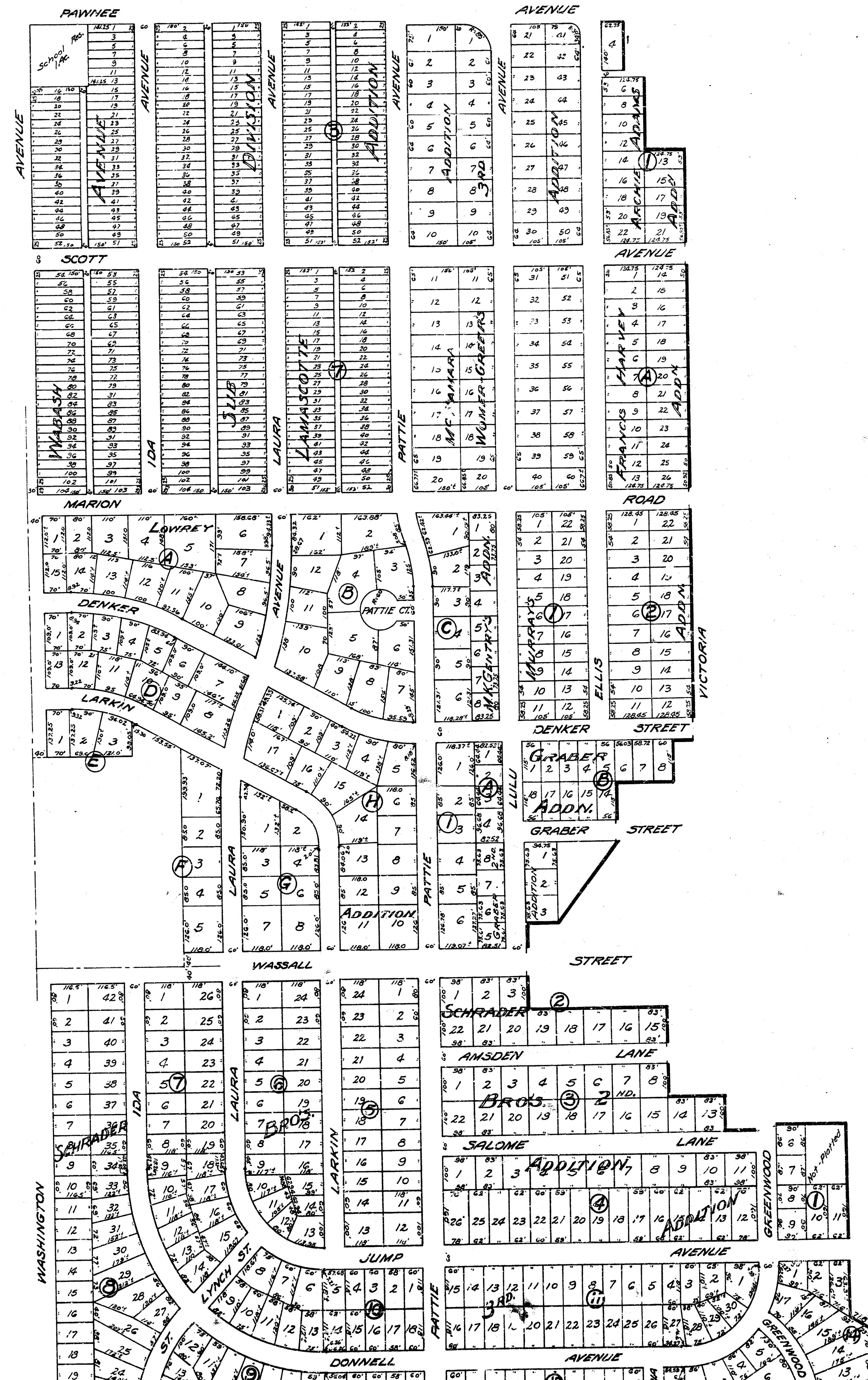


BENEFIT DISTRICT
STORM WATER SEWER DISTRICT NO. 49
CITY OF WICHITA KANS.

PROJECT NO. C 22-76

DATE, OCT. 1952



STORM WATER SEWER DISTRICT NO. 49

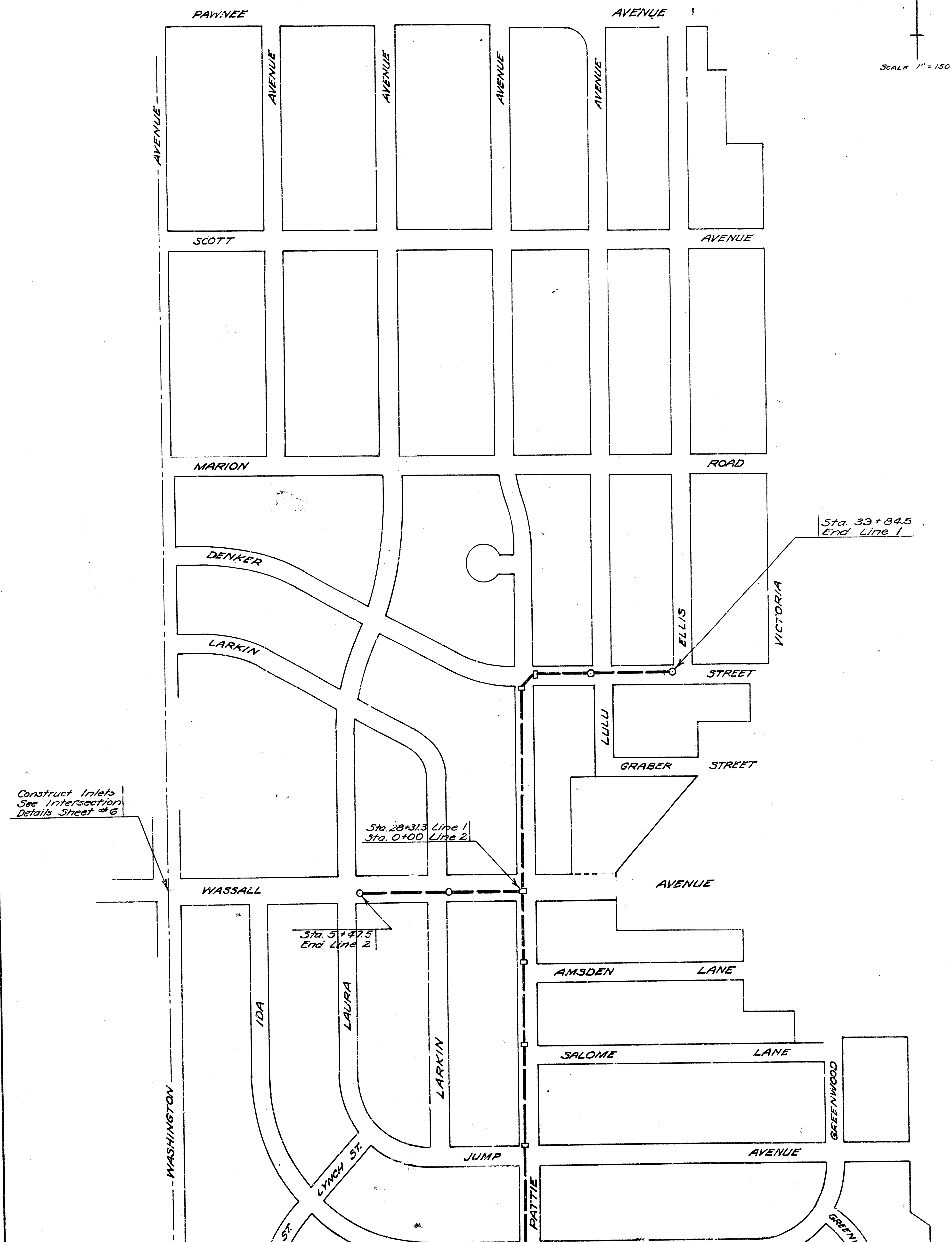
CITY OF WICHITA KANS.

L.K. WHITE CITY ENGINEER

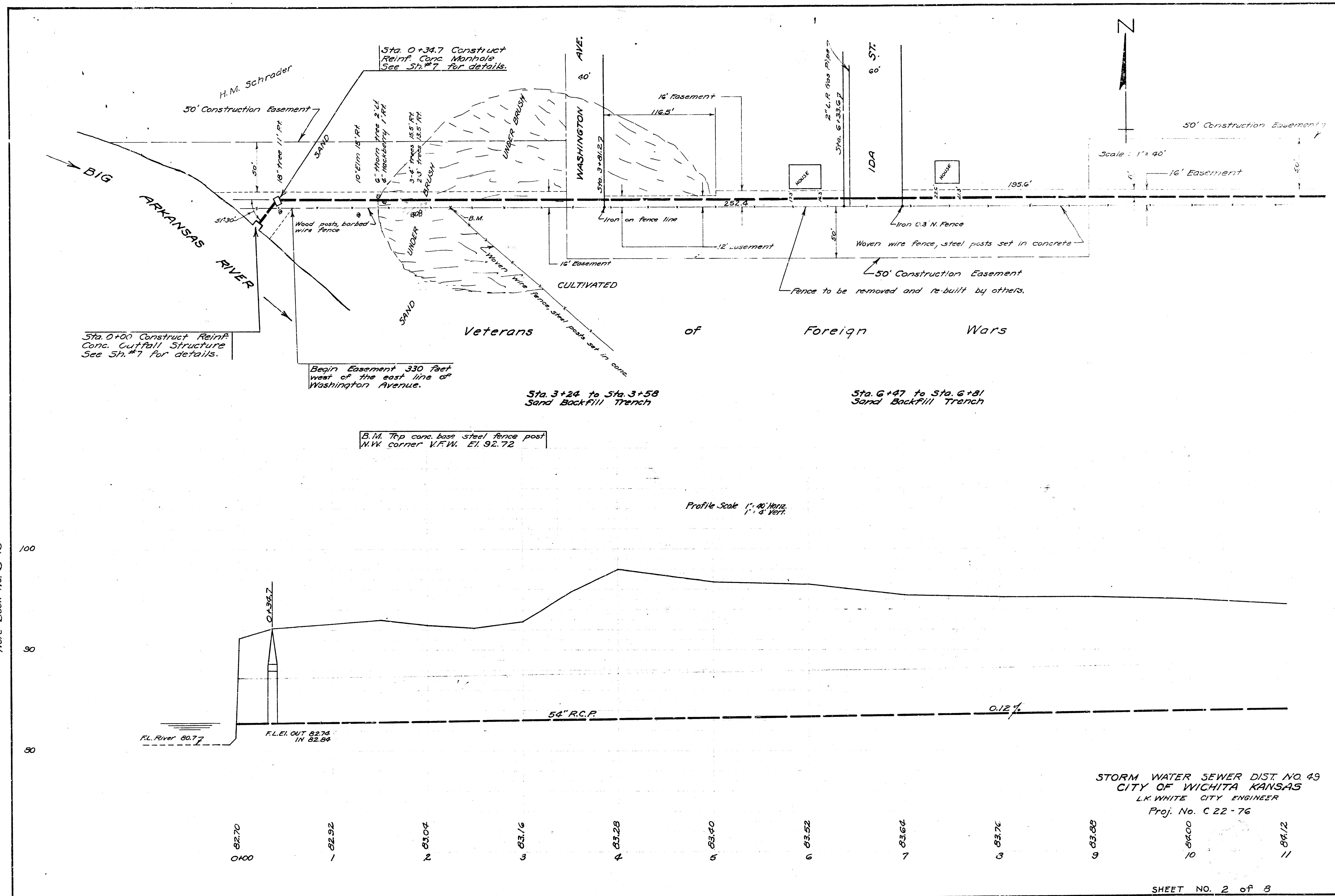
PROJ. NO. C 22-76

SHEET NO. 1 OF 8 SHEETS

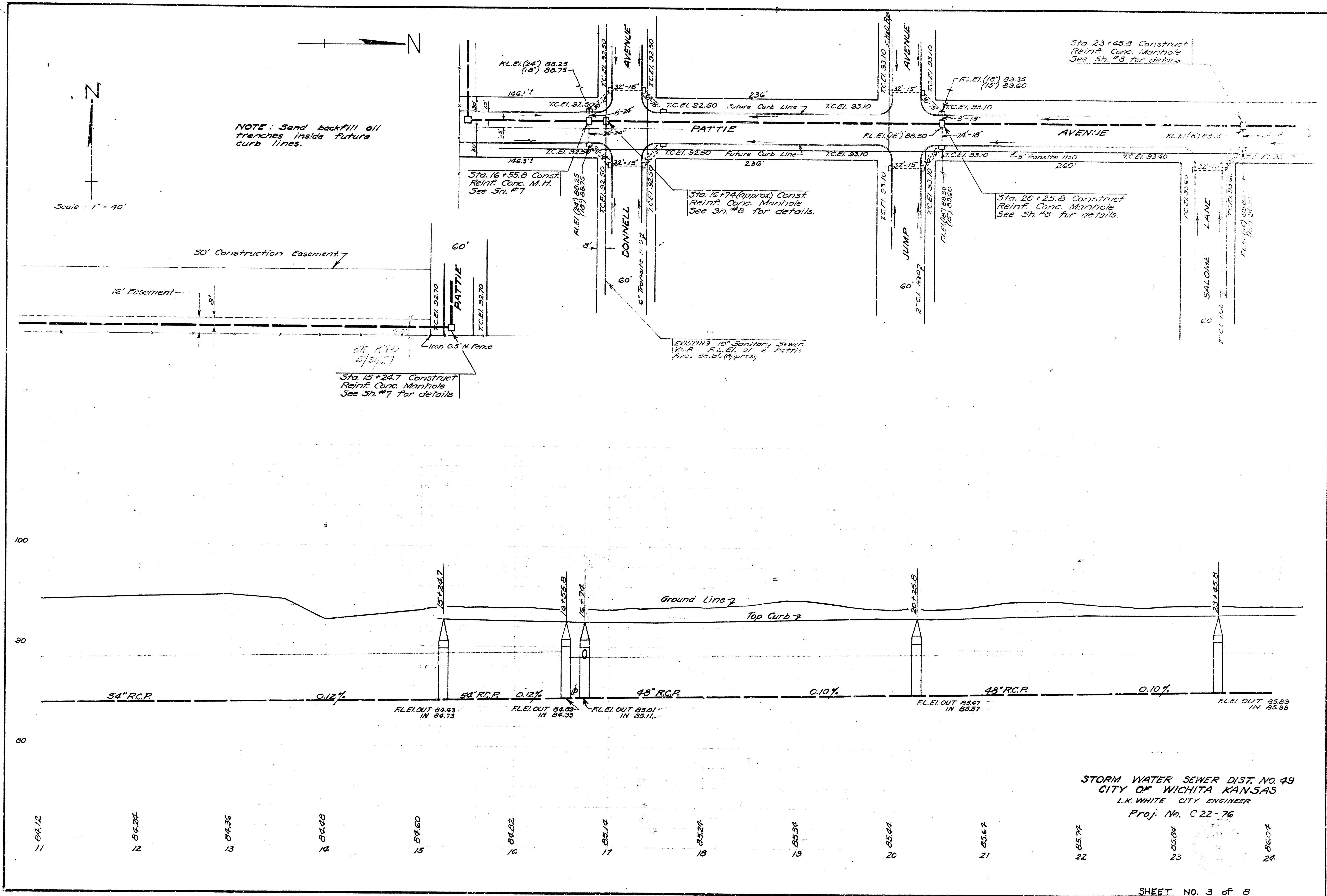
DATE : OCTOBER 1952



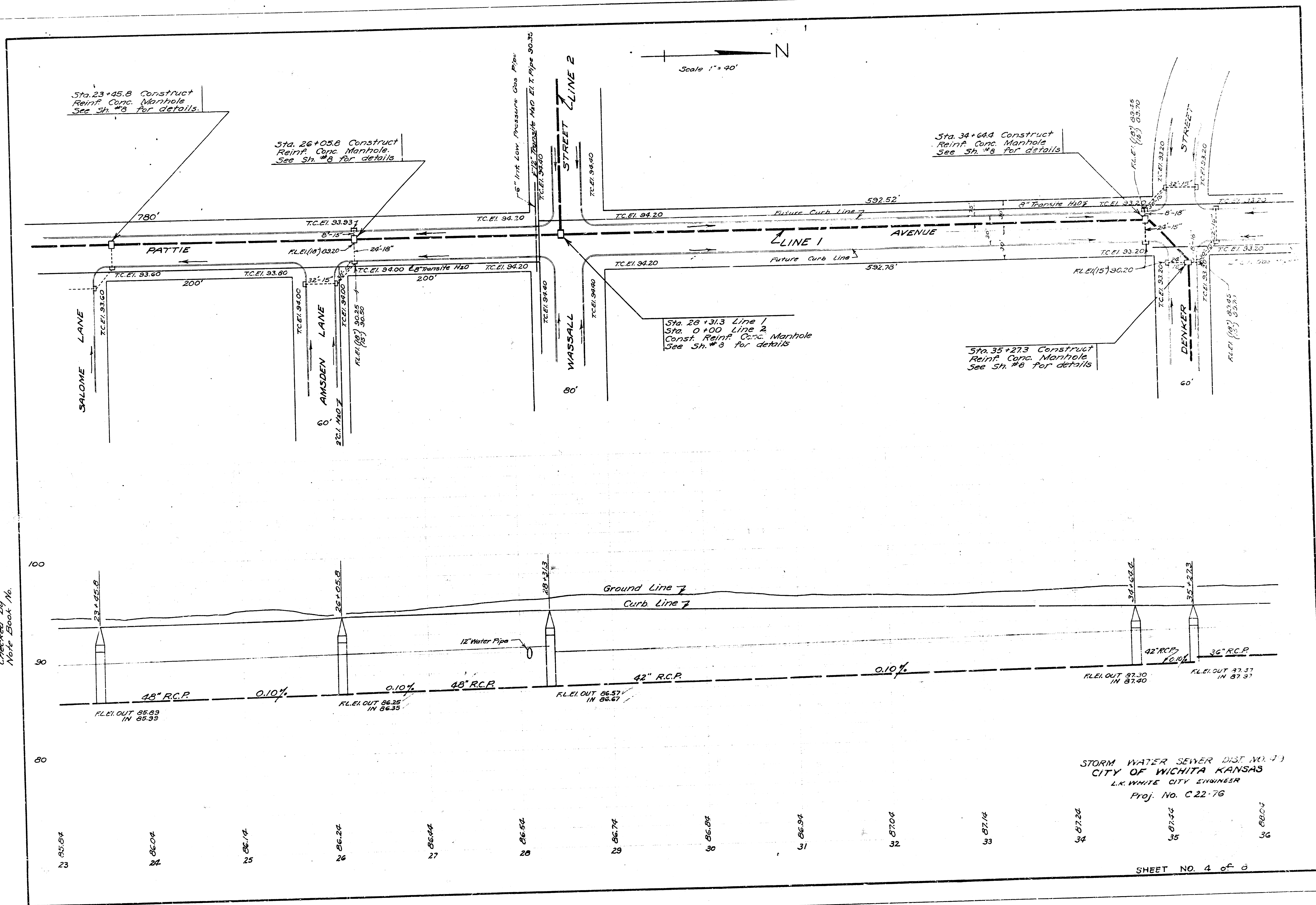
Date Oct. 1952
 Drawn by J.L.A.
 Checked by Note Book No. 5-13



Date Oct. 1952
 Drawn by J.L.A.
 Checked by Note Book No. S-13



STORM WATER SEWER DIST. NO. 49
 CITY OF WICHITA KANSAS
 L.K. WHITE CITY ENGINEER
 Proj. No. C 22-76



Sta. 23+45.8 Construct
Reinf. Conc. Manhole.
See Sh. #8 for details.

Sta. 26+05.8 Construct
Reinf. Conc. Manhole.
See Sh. #8 for details.

Sta. 34+64.4 Construct
Reinf. Conc. Manhole.
See Sh. #8 for details.

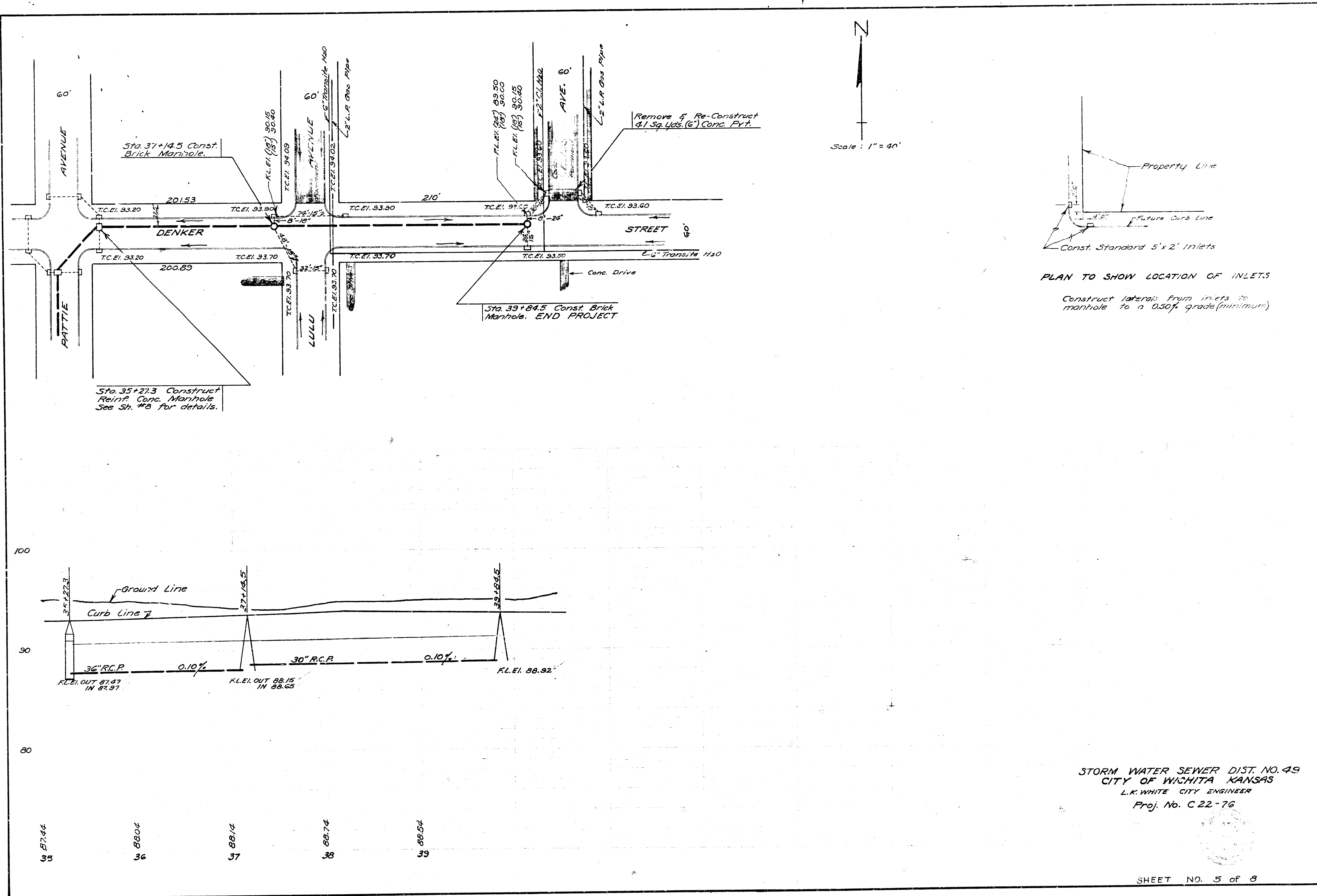
Sta. 28+31.3 Line 1
Sta. 0+00 Line 2
Const. Reinf. Conc. Manhole
See Sh. #8 for details.

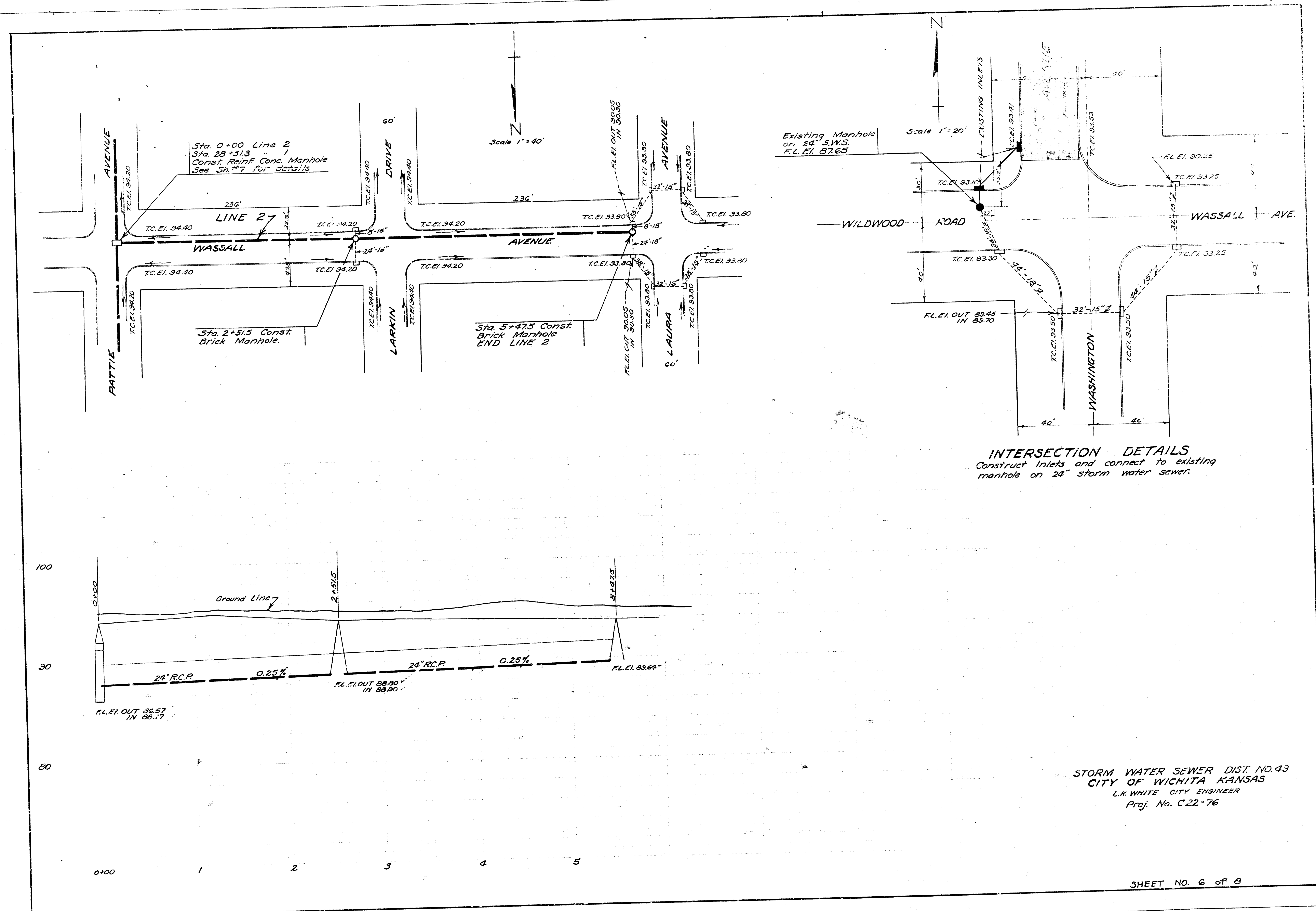
Sta. 35+27.3 Construct
Reinf. Conc. Manhole.
See Sh. #8 for details.

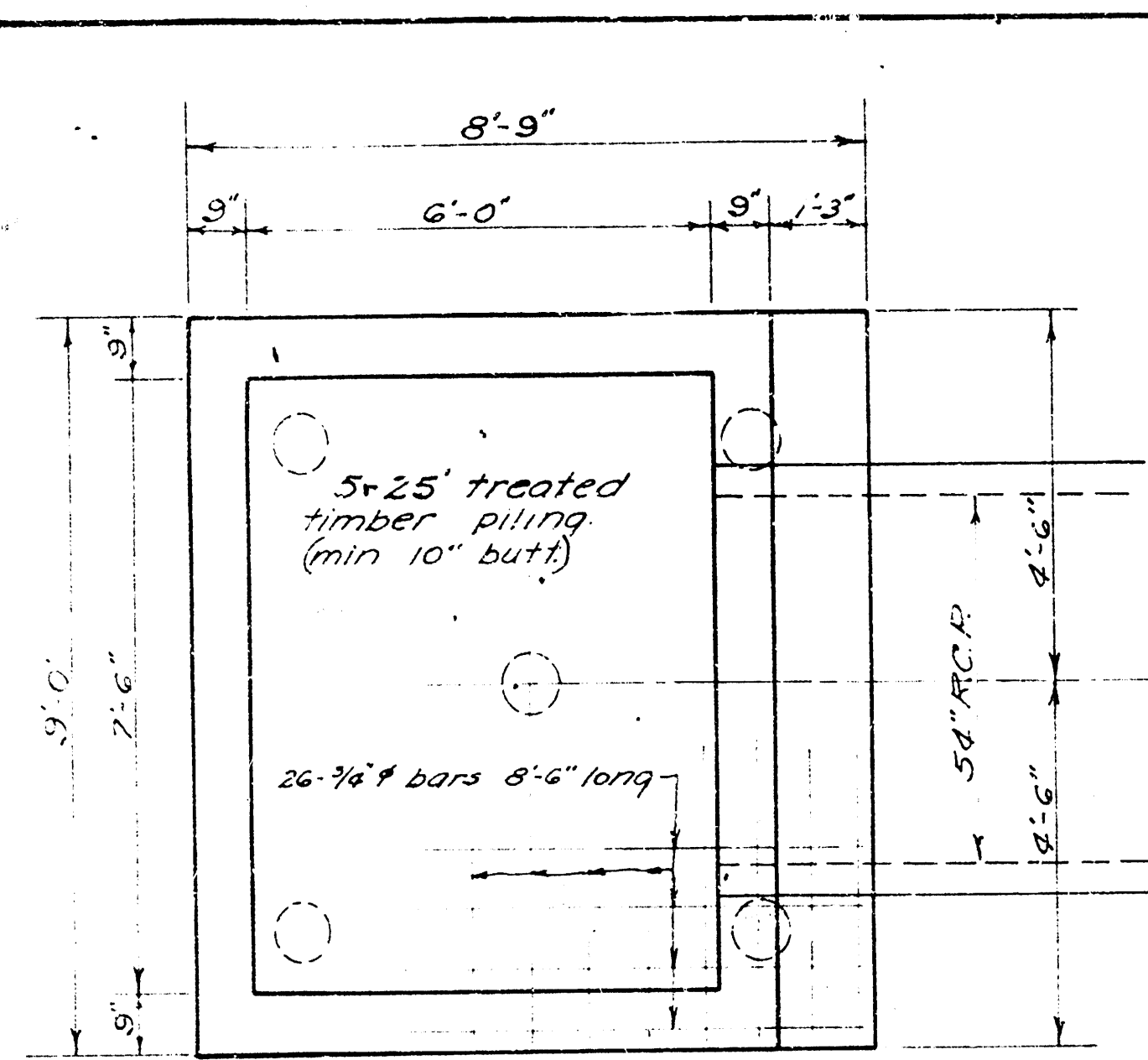
Date Oct. 1957
Drawn by J.L.A.
Checked by
Note Book No.

STORM WATER SEWER DIST. NO. 7
CITY OF WICHITA KANSAS
L.R. WHITE CITY ENGINEER
Proj. No. C 22-76

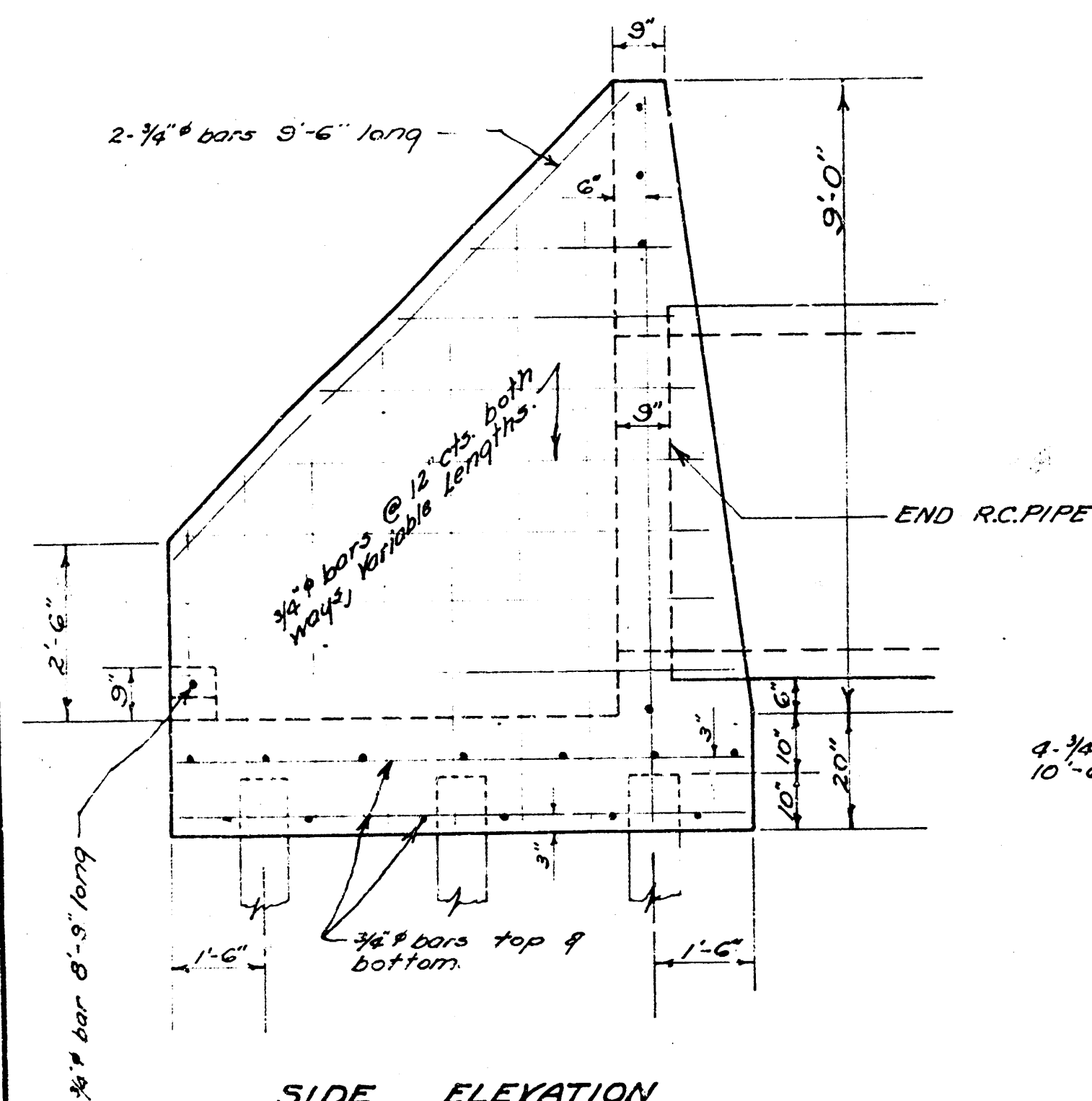
Date Oct. 1952
 Drawn by J.C.H.
 Checked by No. 5-13 S-20







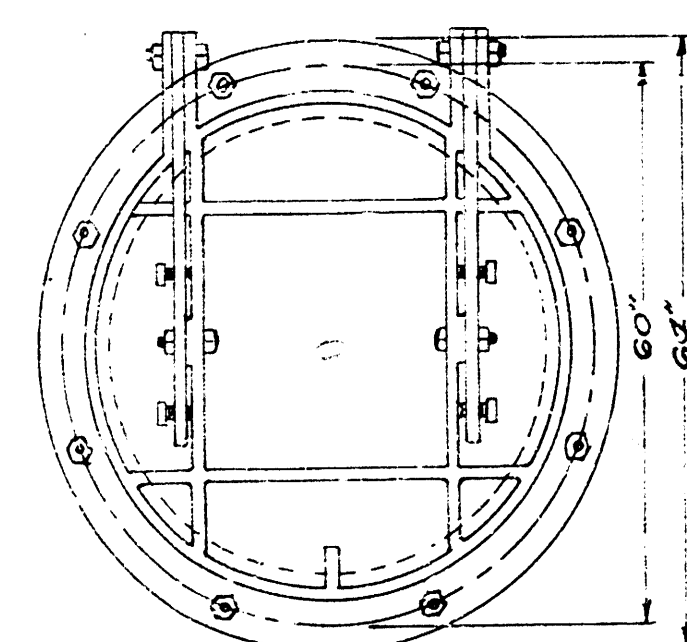
PLAN VIEW



SIDE ELEVATION

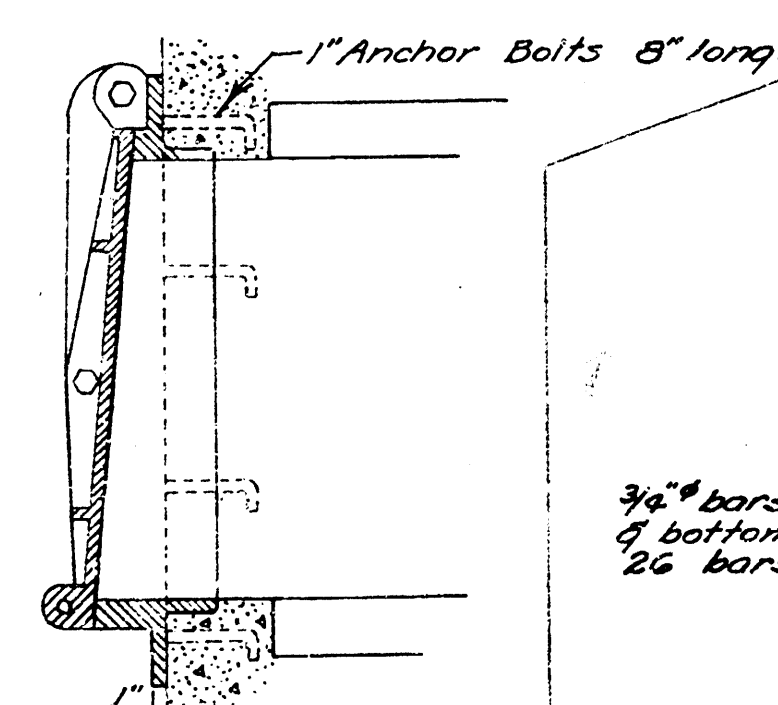
REINF. CONCRETE OUTFALL STRUCTURE

Scale 1/2" = 1'-0"

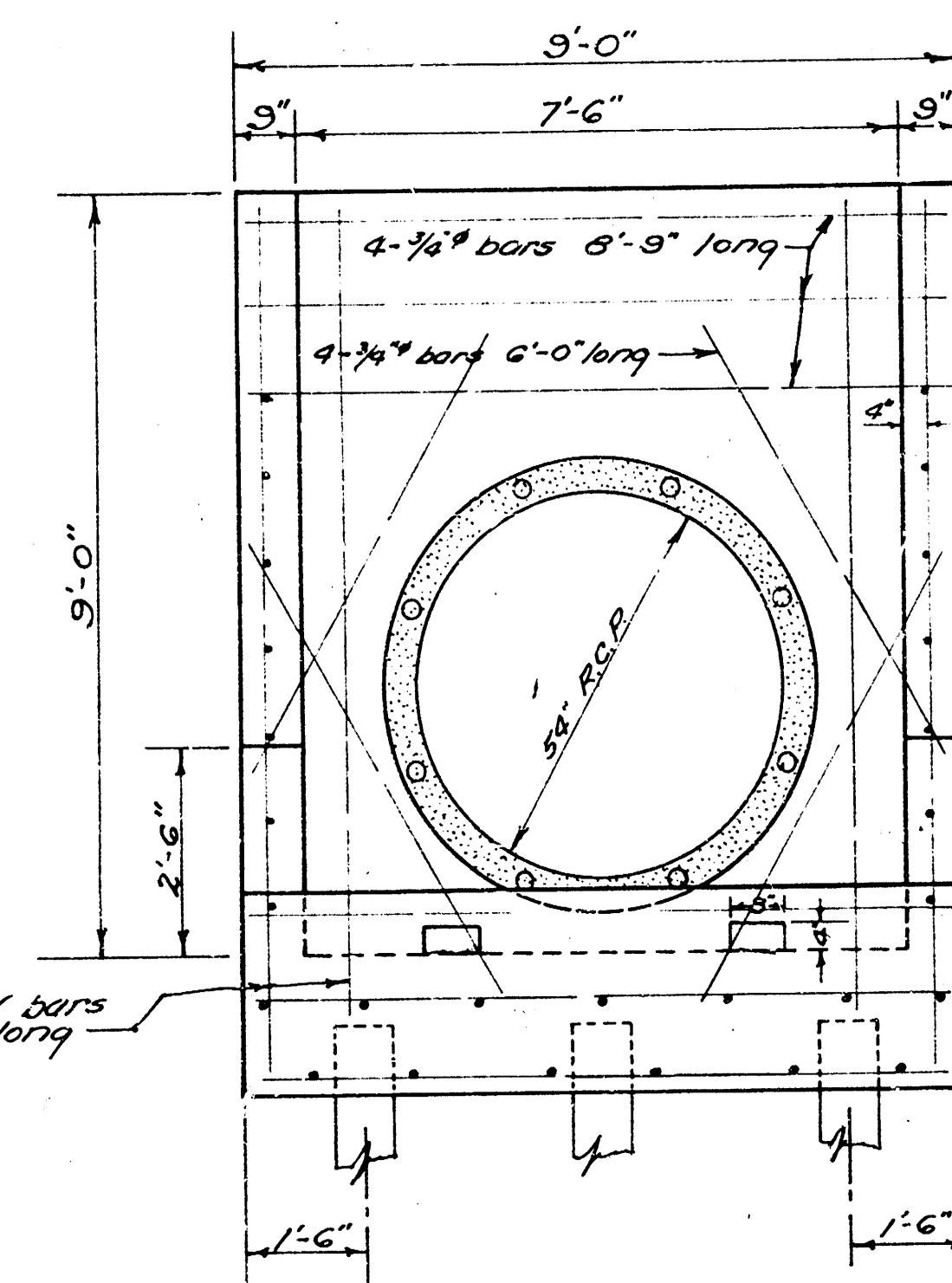


PEKRL MODEL 16 AUTOMATIC FLAP GATE

No Scale

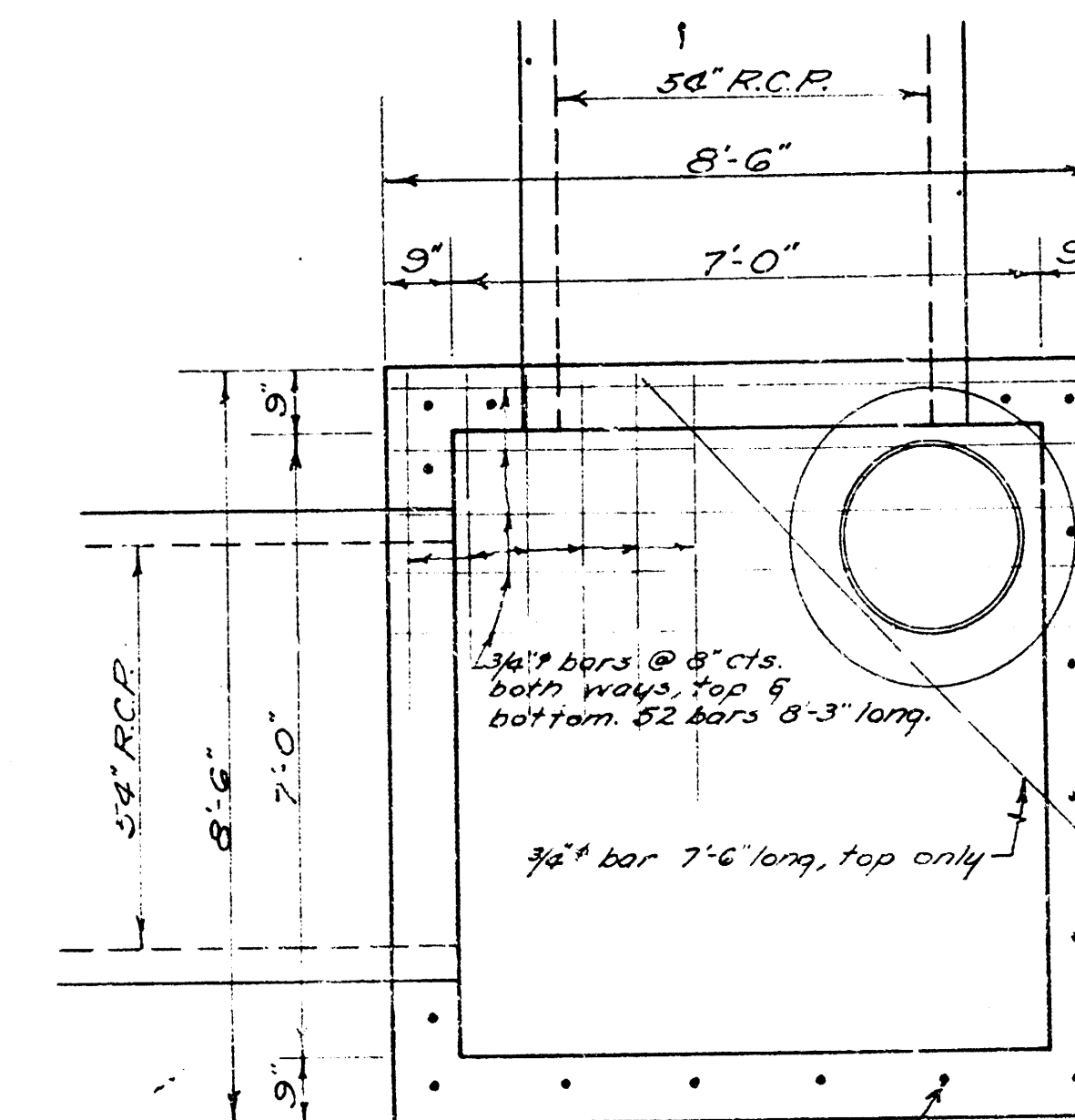


3/8" bars @ 8" cts. both ways, top & bottom, 20 bars 8'-6" long
26 bars 6'-3" long.



END ELEVATION

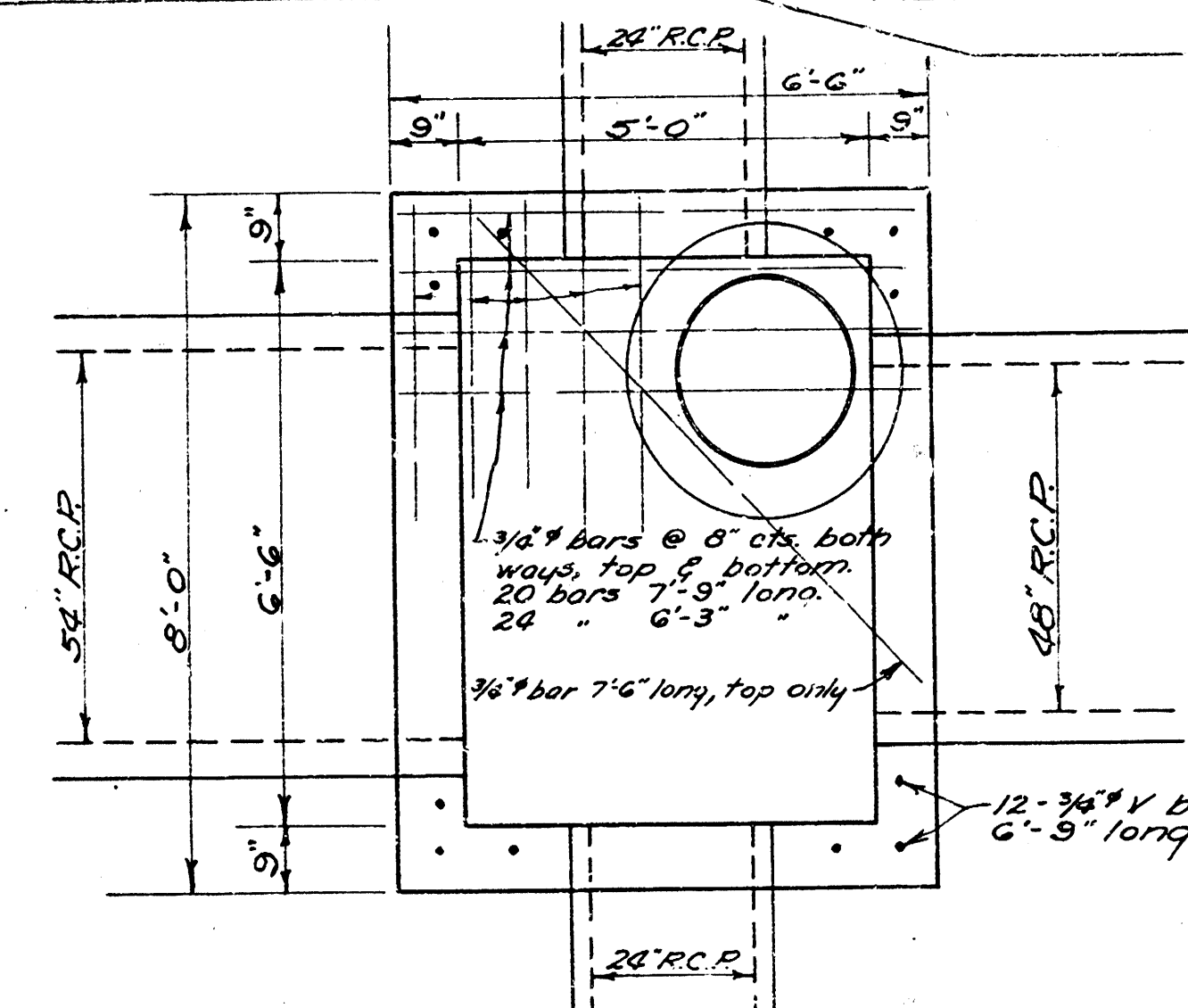
Concrete for structures shall contain not less than 1.65 bbls. of cement per cu. yd. of concrete. In no event shall the total water content exceed 6.25 gals. per sack of cement. The mixture of fine and coarse aggregate shall be such as will produce a maximum density of a most workable mixture. IN GENERAL - Pipes will enter and leave the manholes at various angles and elevations. Where possible bend reinf. bars around pipes (6" diam. or less). Where pipes are large use diagonal bars as shown. The floor of the manhole is to be shaped for flow and drainage. No deduction in concrete quantities shall be made for pipe openings. No addition in concrete quantities shall be made for shaping manhole floor. An internal vibrator shall be used for placing concrete.



PLAN VIEW

REINF. CONCRETE MANHOLE Sta. 15+24.7

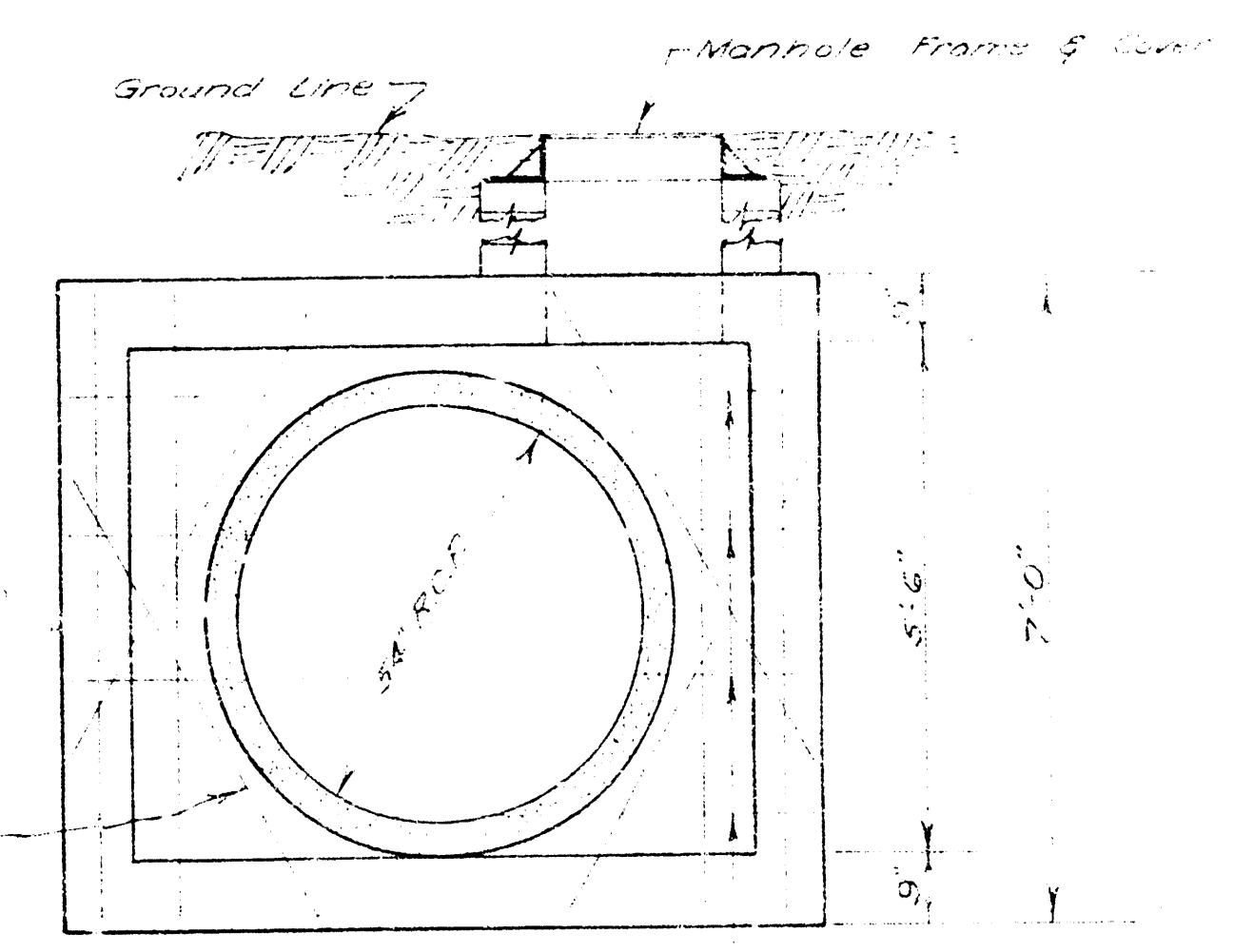
Scale 1/2" = 1'-0"



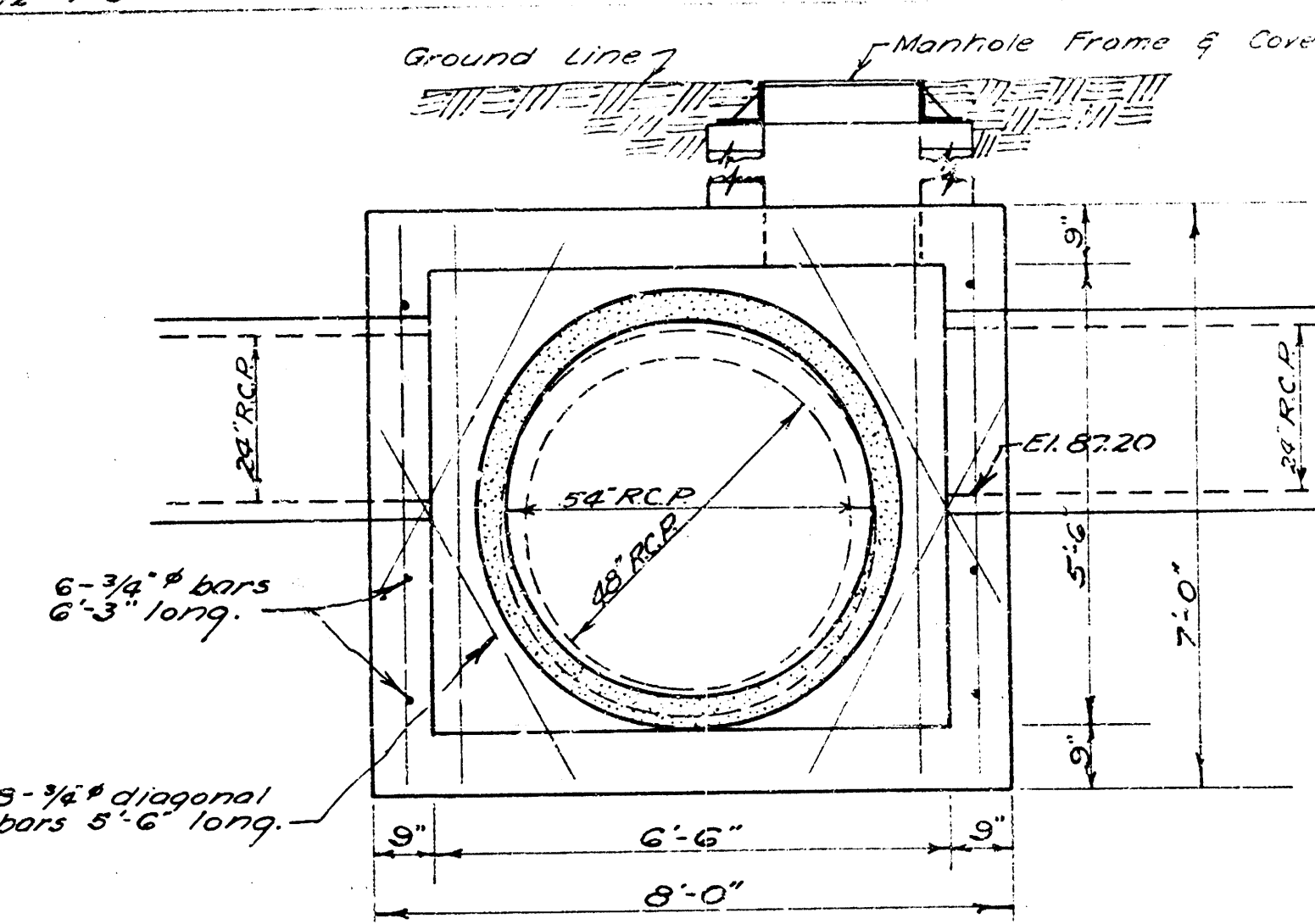
PLAN VIEW

REINF. CONCRETE MANHOLE Sta. 16+55.8

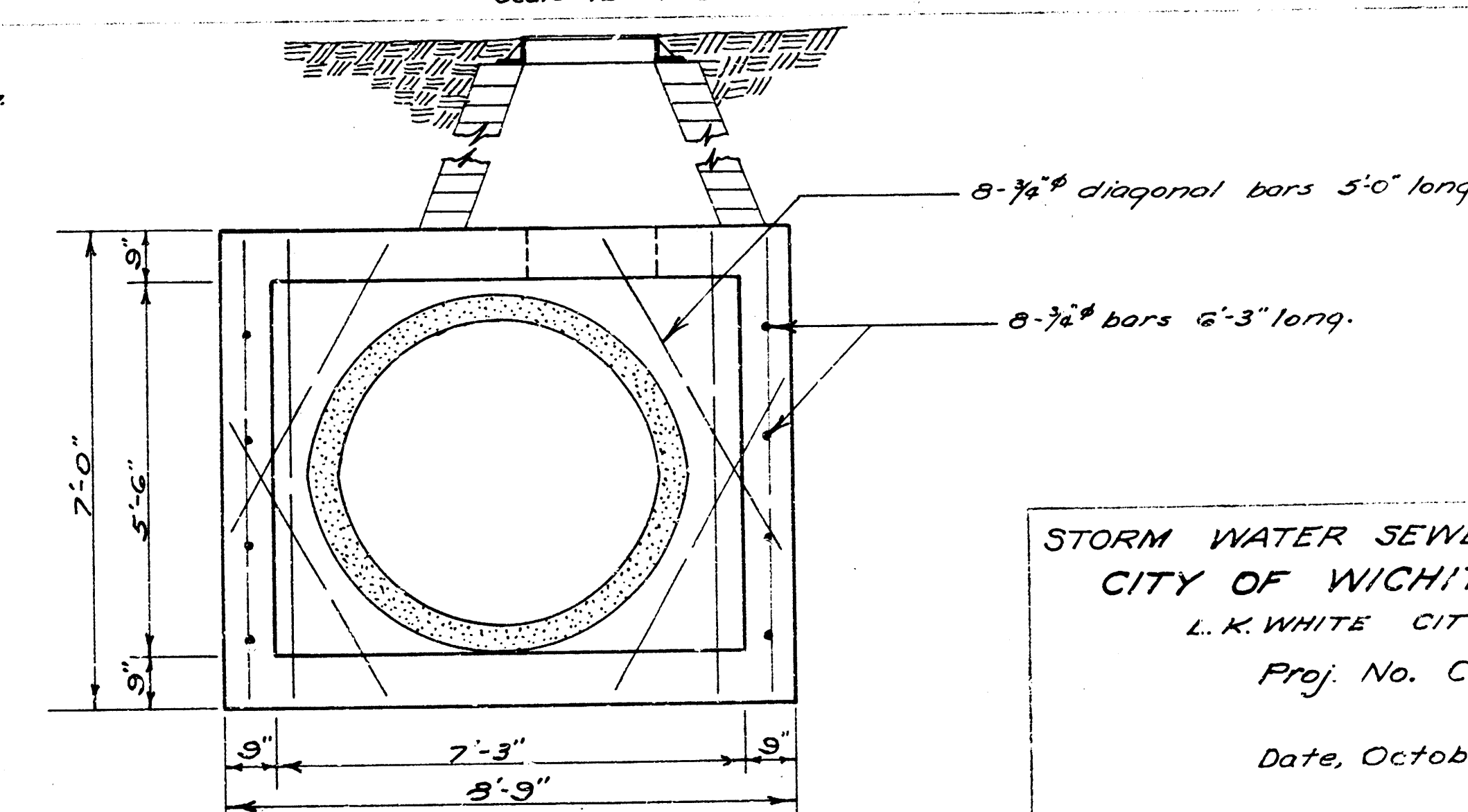
Scale 1/2" = 1'-0"



ELEVATION



ELEVATION



ELEVATION

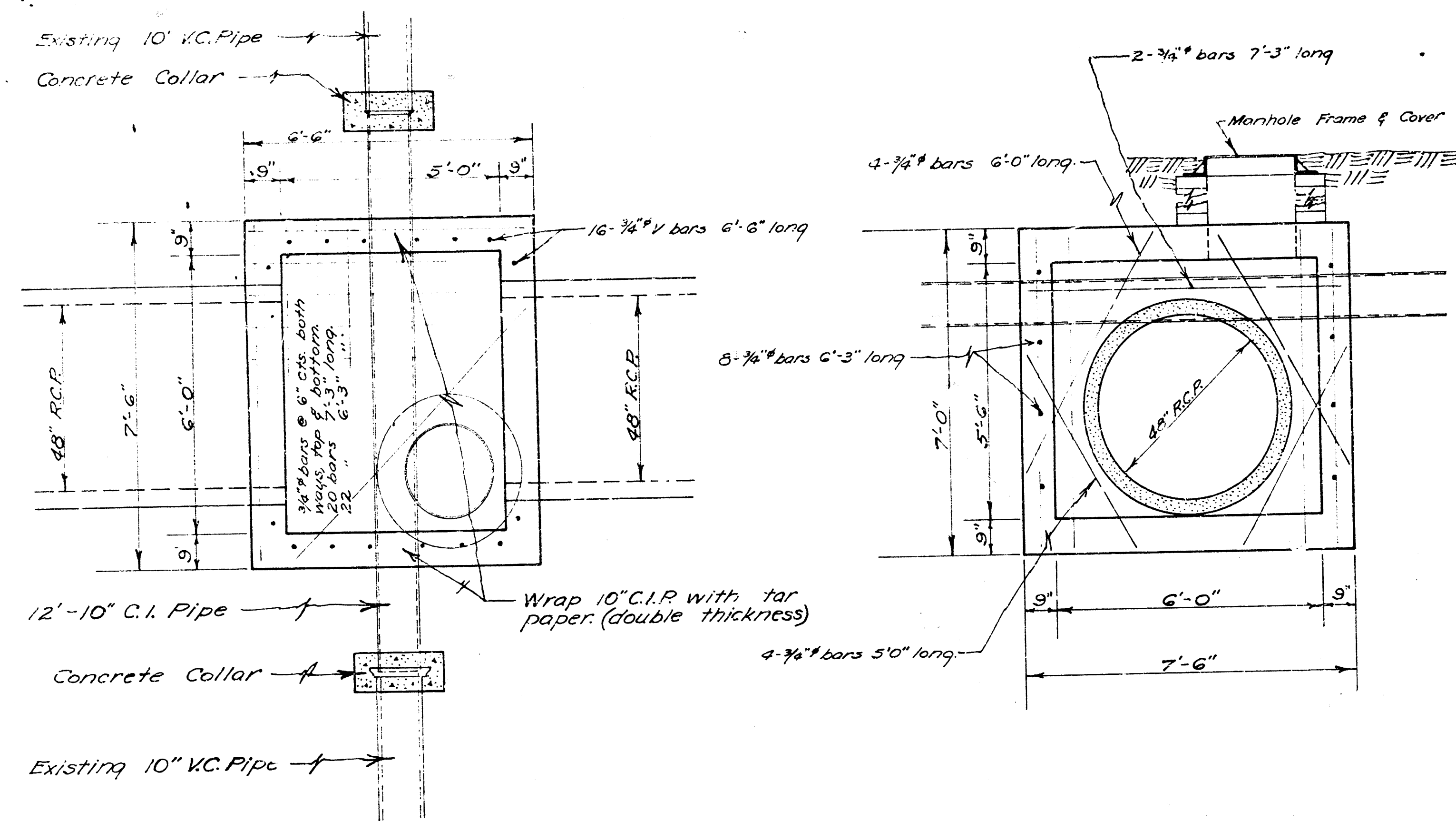
REINF. CONCRETE MANHOLE Sta. 0+34.7

Scale 1/2" = 1'-0"

STORM WATER SEWER DIST. NO. 49
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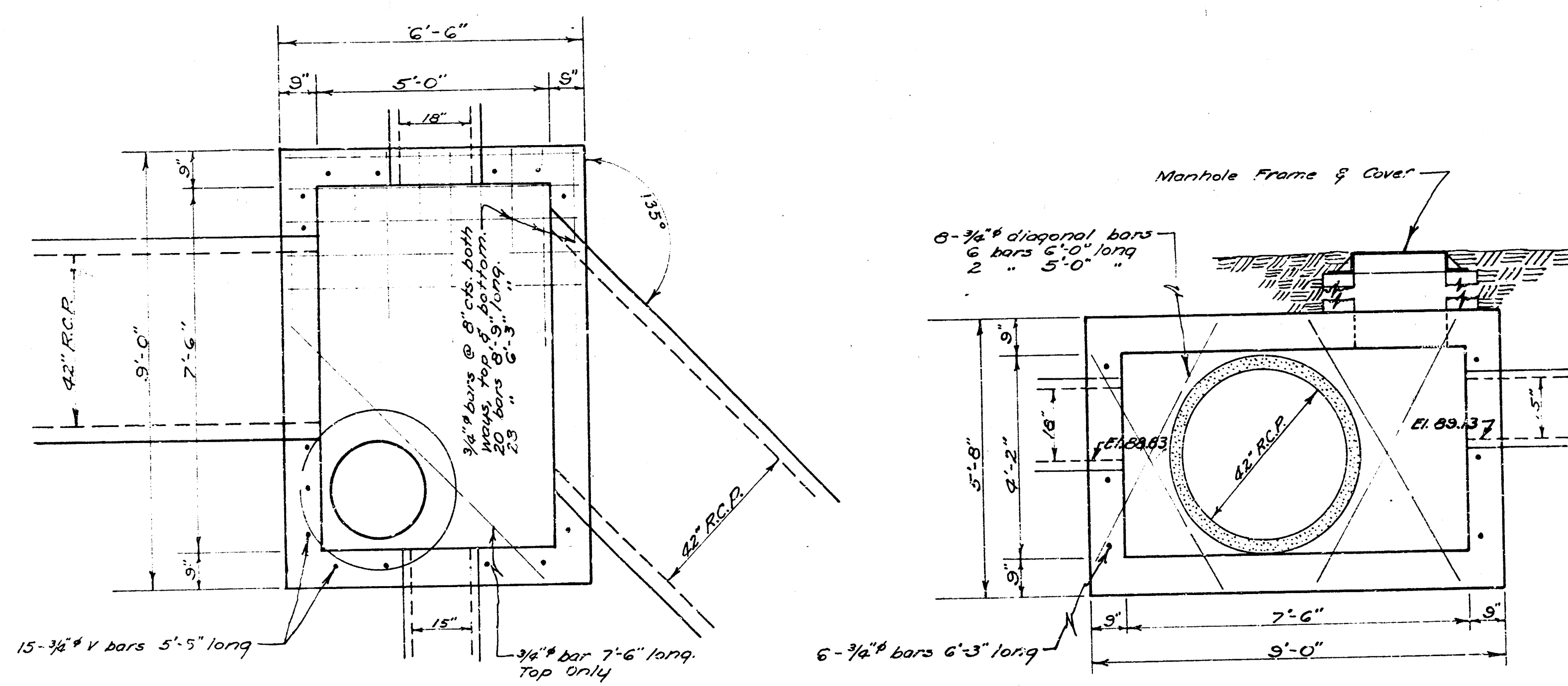
SHEET NO. 7 of 8



PLAN VIEW

ELEVATION

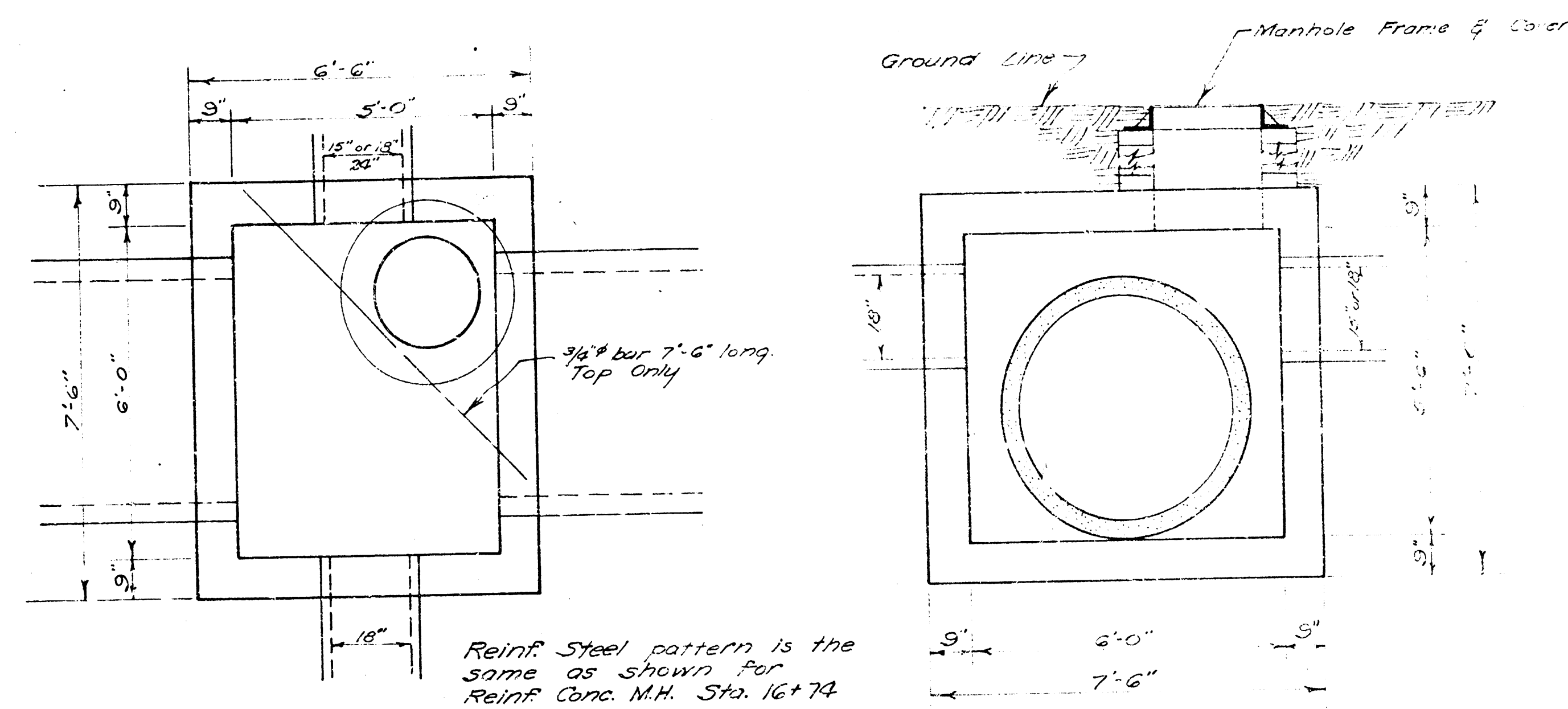
REINF. CONCRETE MANHOLE Sta. 16+74
Scale: 1/2" = 1'-0"



PLAN VIEW

ELEVATION

REINF. CONCRETE MANHOLE Sta. 34+64.4
Scale: 1/2" = 1'-0"

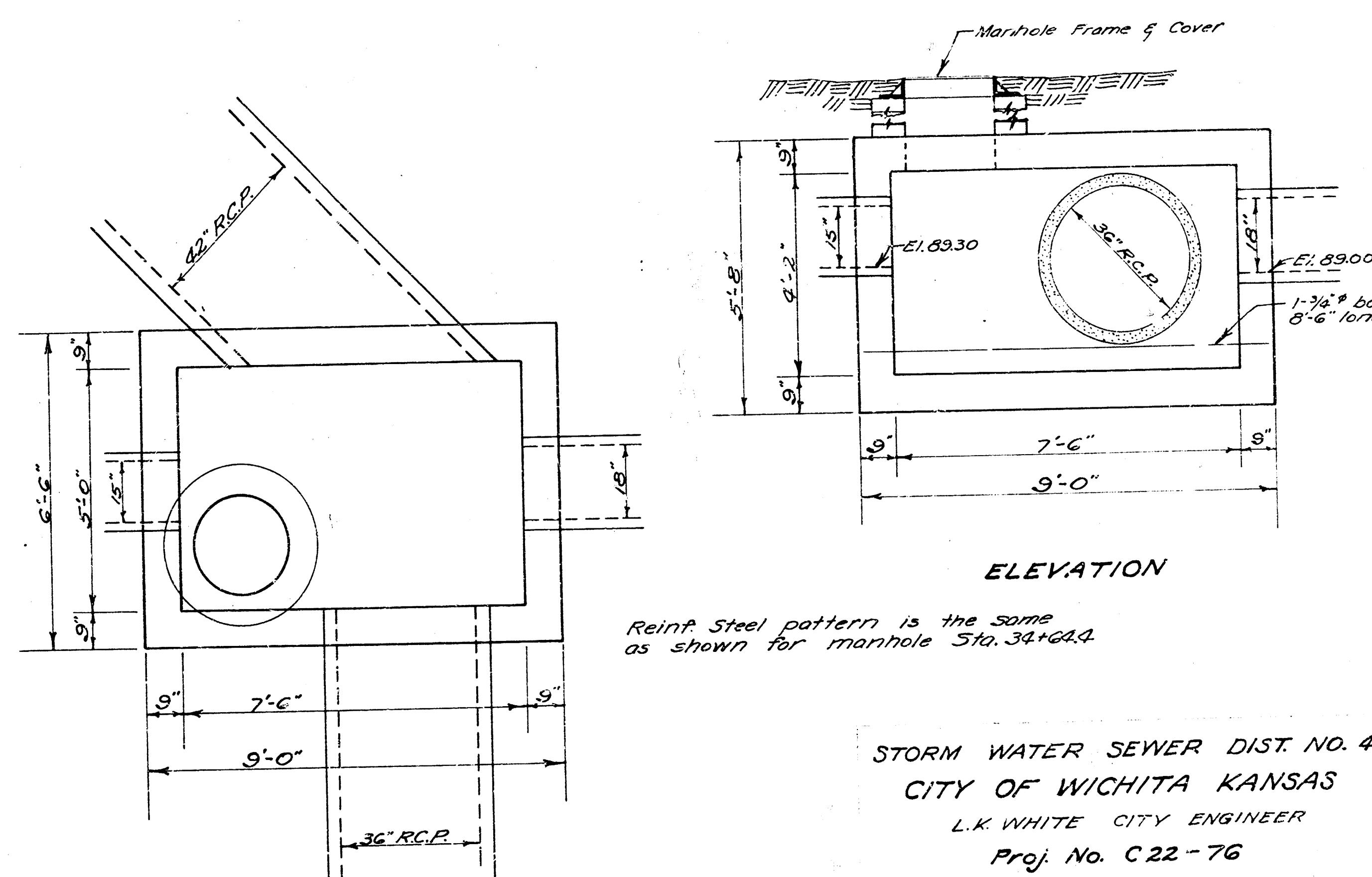


PLAN VIEW

ELEVATION

REINF. CONCRETE MANHOLE
Scale: 1/2" = 1'-0"

Sta. 20+25.8
Sta. 23+45.8
Sta. 26+05.8
Sta. 28+31.3



PLAN VIEW

ELEVATION

REINF. CONC. MANHOLE Sta. 35+27.3
Scale: 1/2" = 1'-0"

STORM WATER SEWER DIST. NO. 49
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SHEET NO. 8 of 8