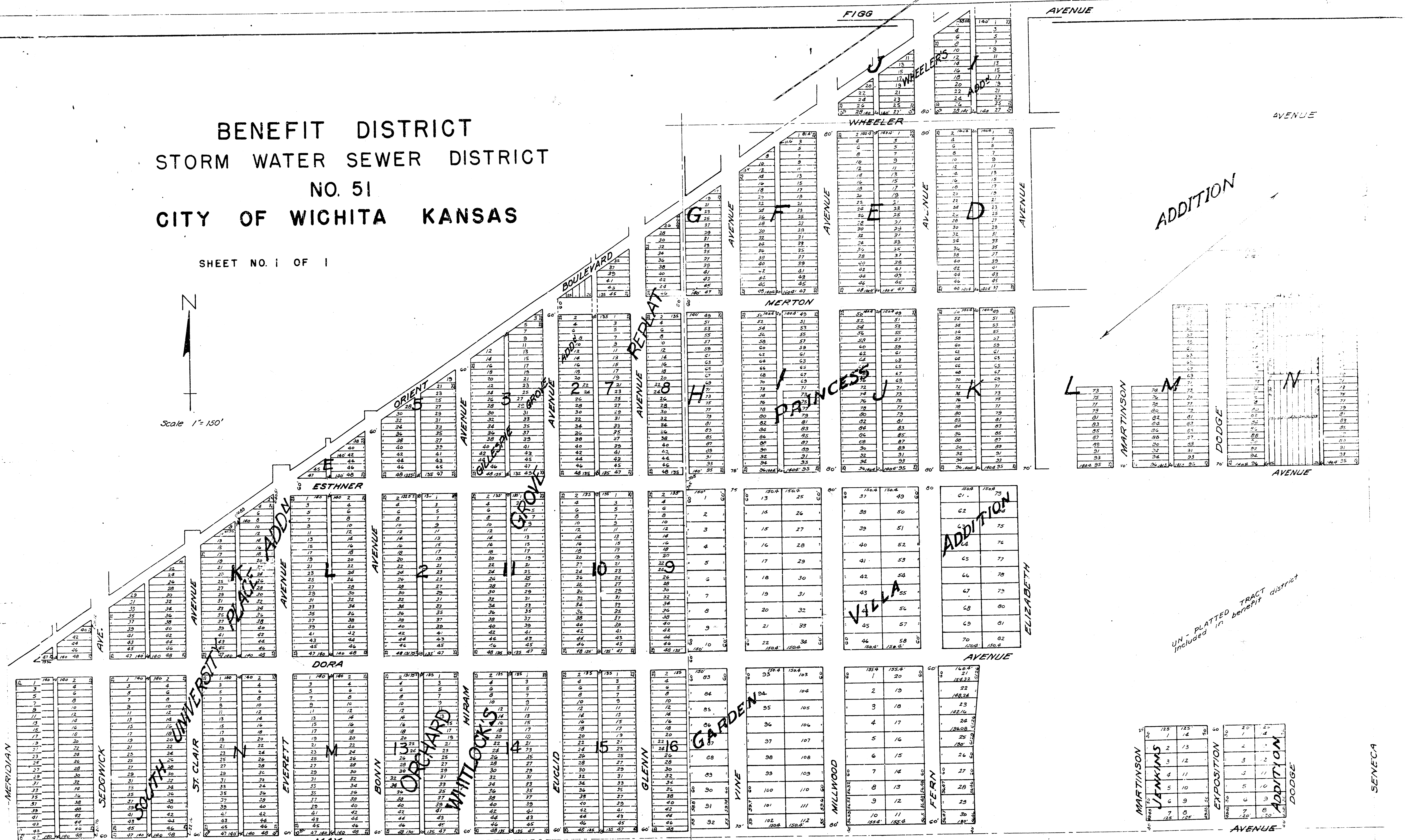


BENEFIT DISTRICT
STORM WATER SEWER DISTRICT
NO. 51
CITY OF WICHITA KANSAS

SHEET NO. 1 OF 1



LOCATION MAP OF STORM WATER SEWER
DISTRICT NO. 51
CITY OF WICHITA KANSAS

L.K. WHITE CITY ENGINEER

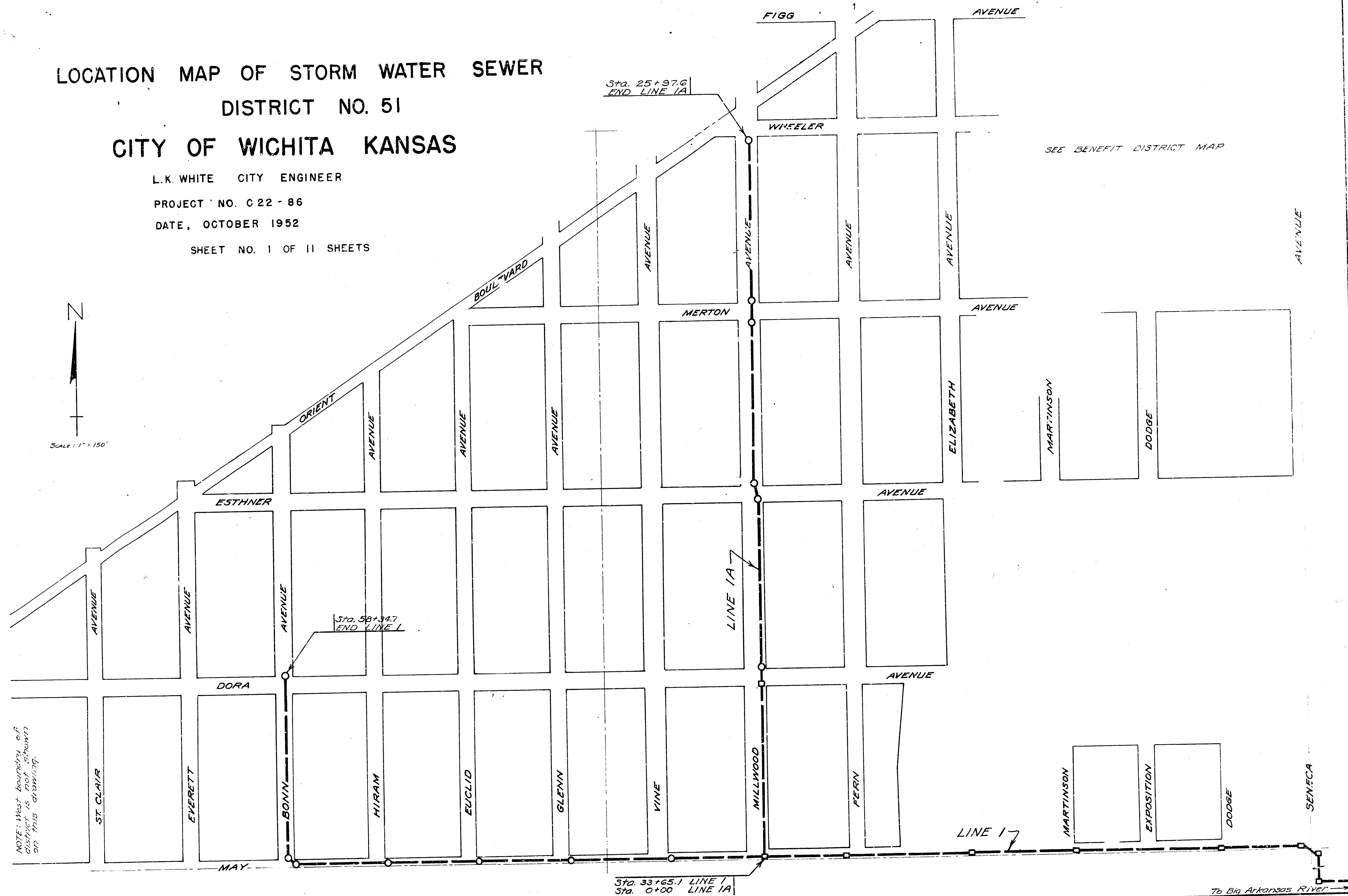
PROJECT NO. C 22 - 86

DATE, OCTOBER 1952

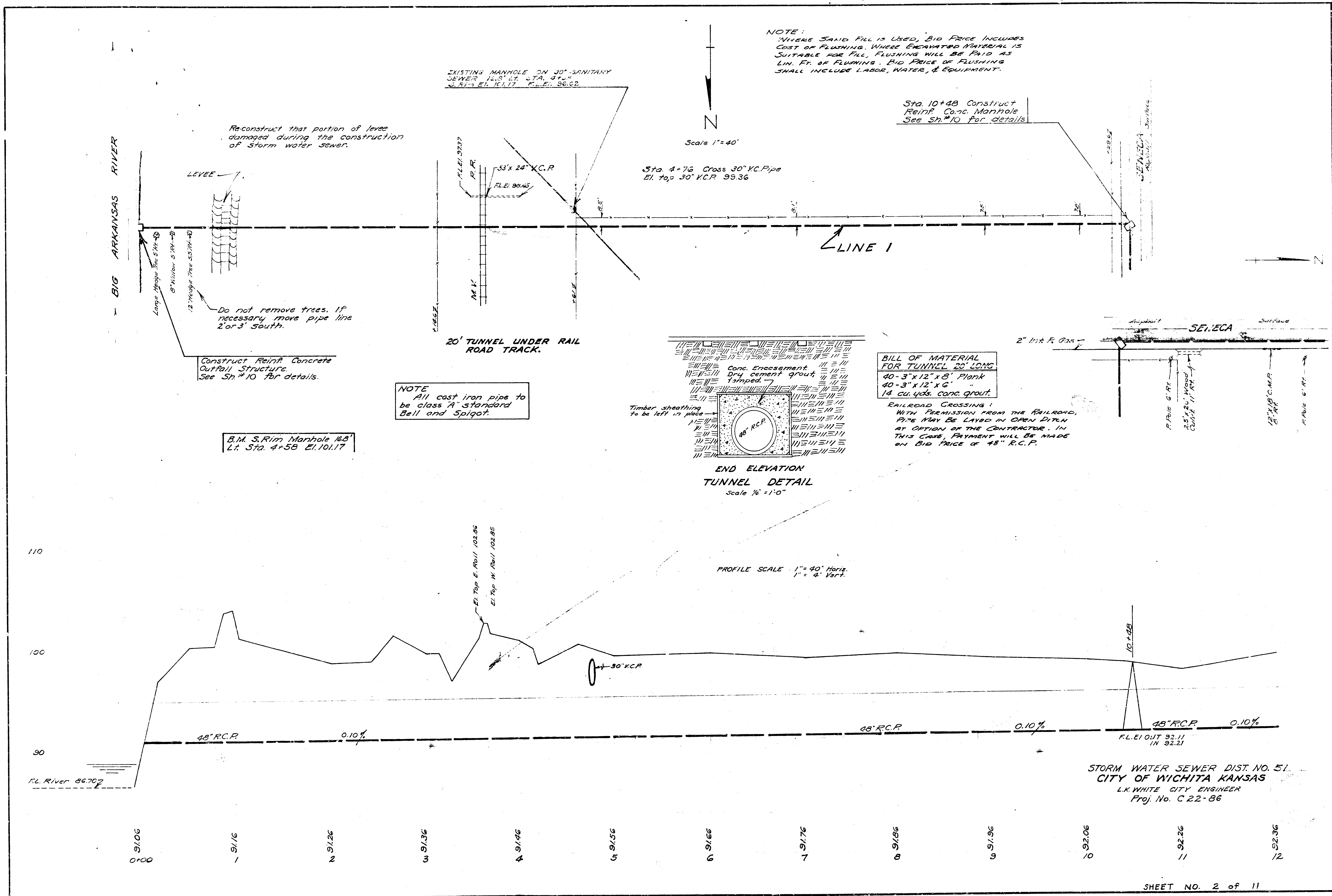
SHEET NO. 1 OF 11 SHEETS



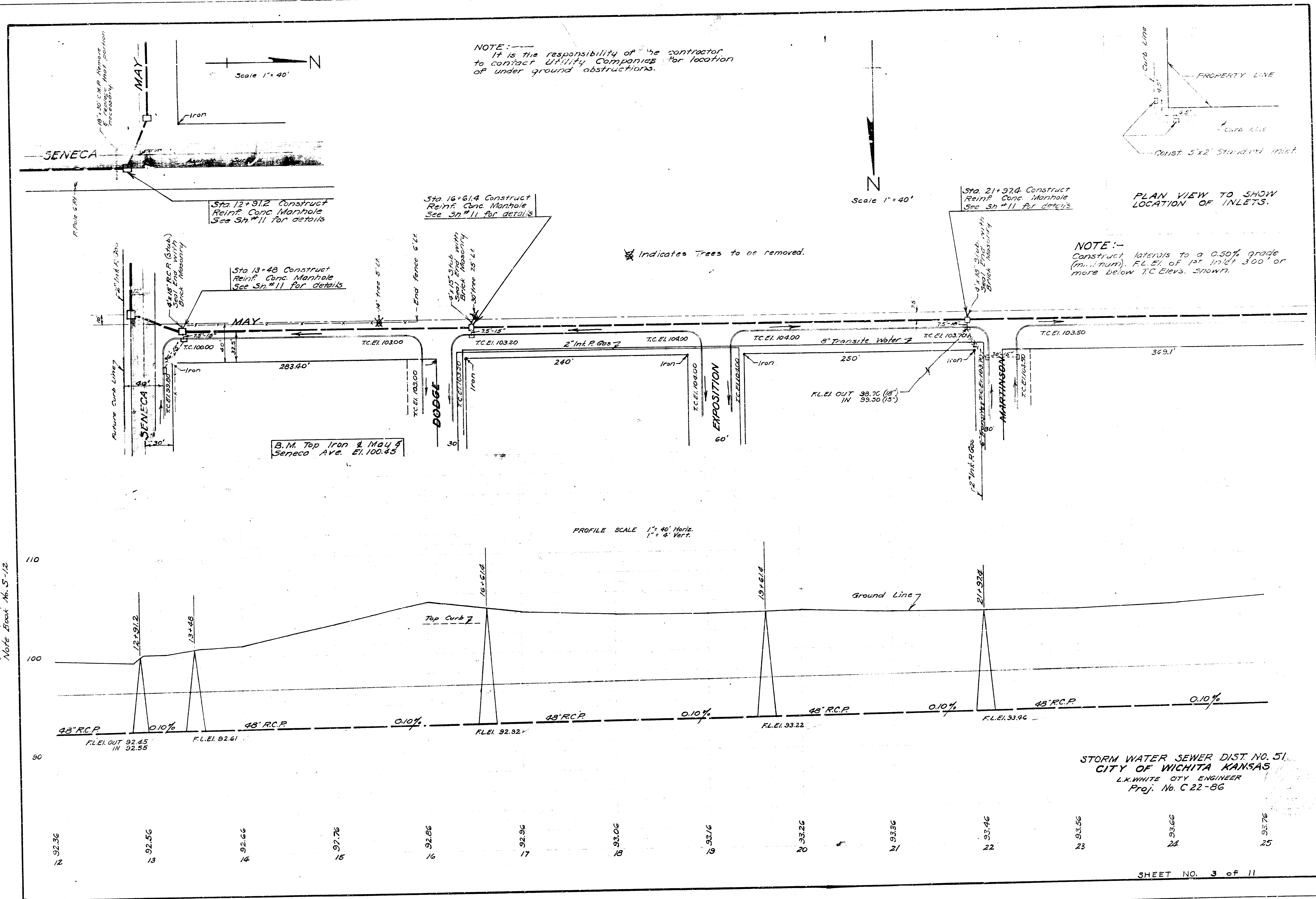
NOTE: West boundary of
district is not shown
on this drawing.



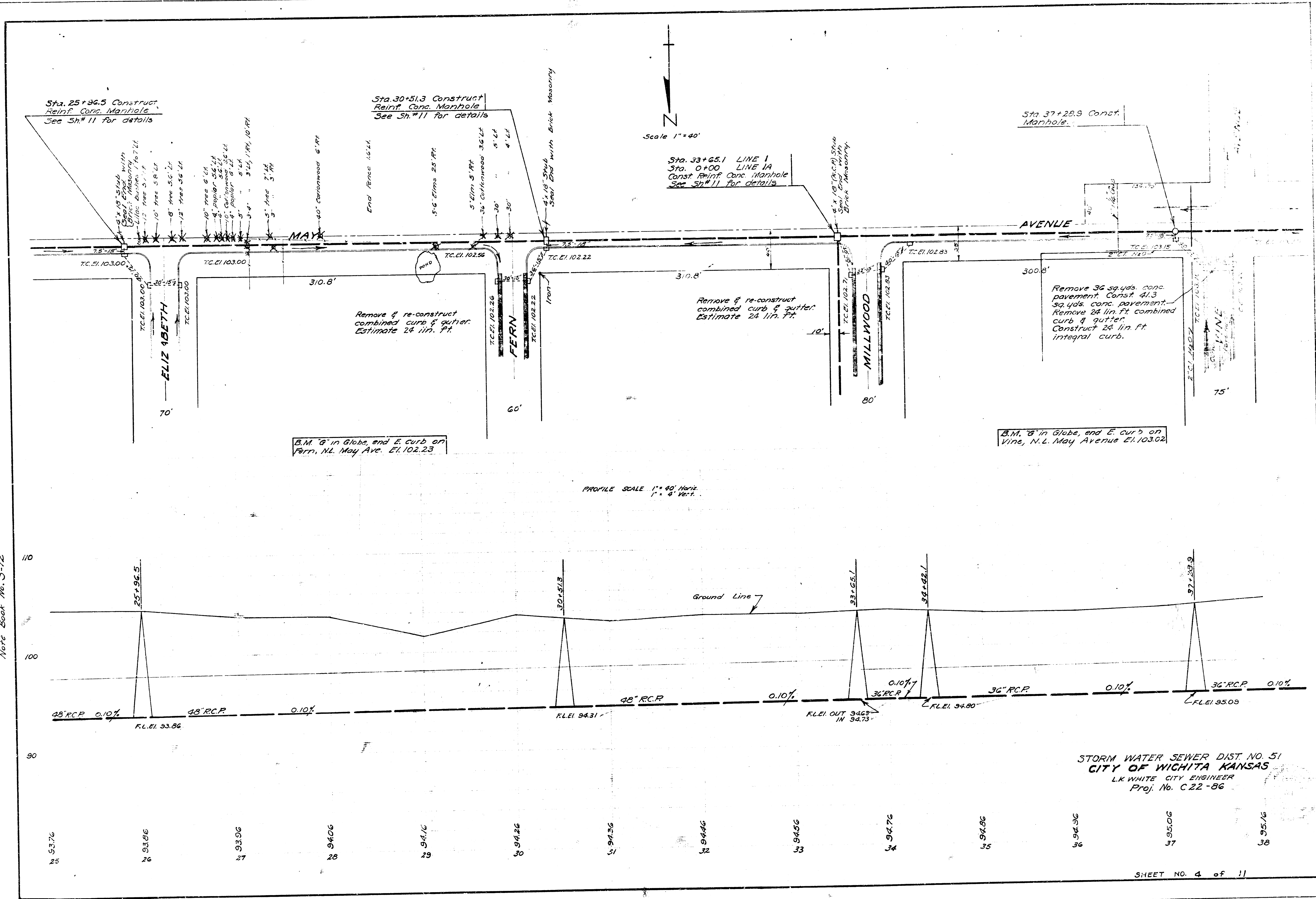
Date Oct. 1952
 Drawn by JLA
 Checked by
 Note Book No. 5-12

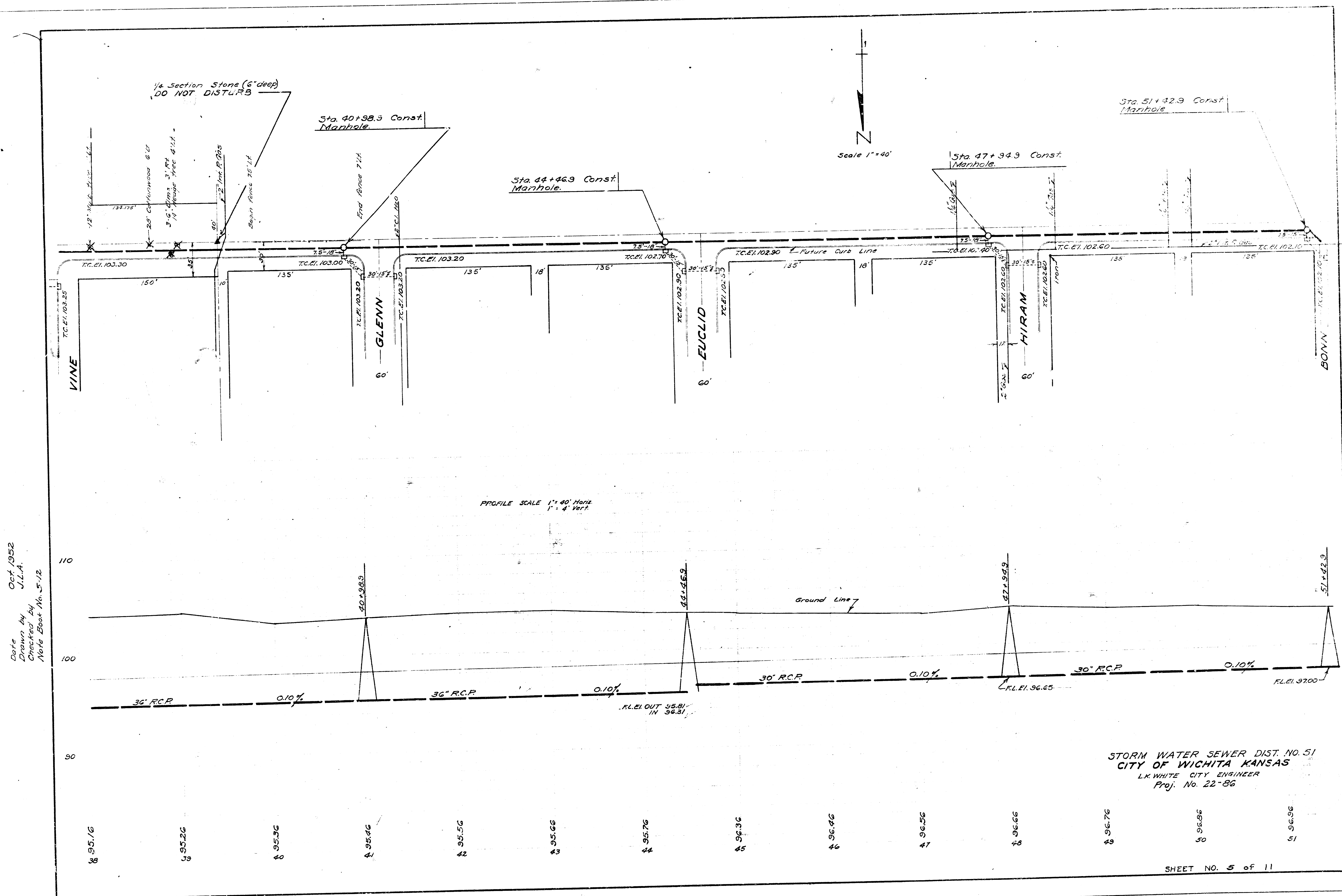


Date Oct. 1952.
 Drawn by J.L.A.
 Checked by
 Note Book No. 5-12

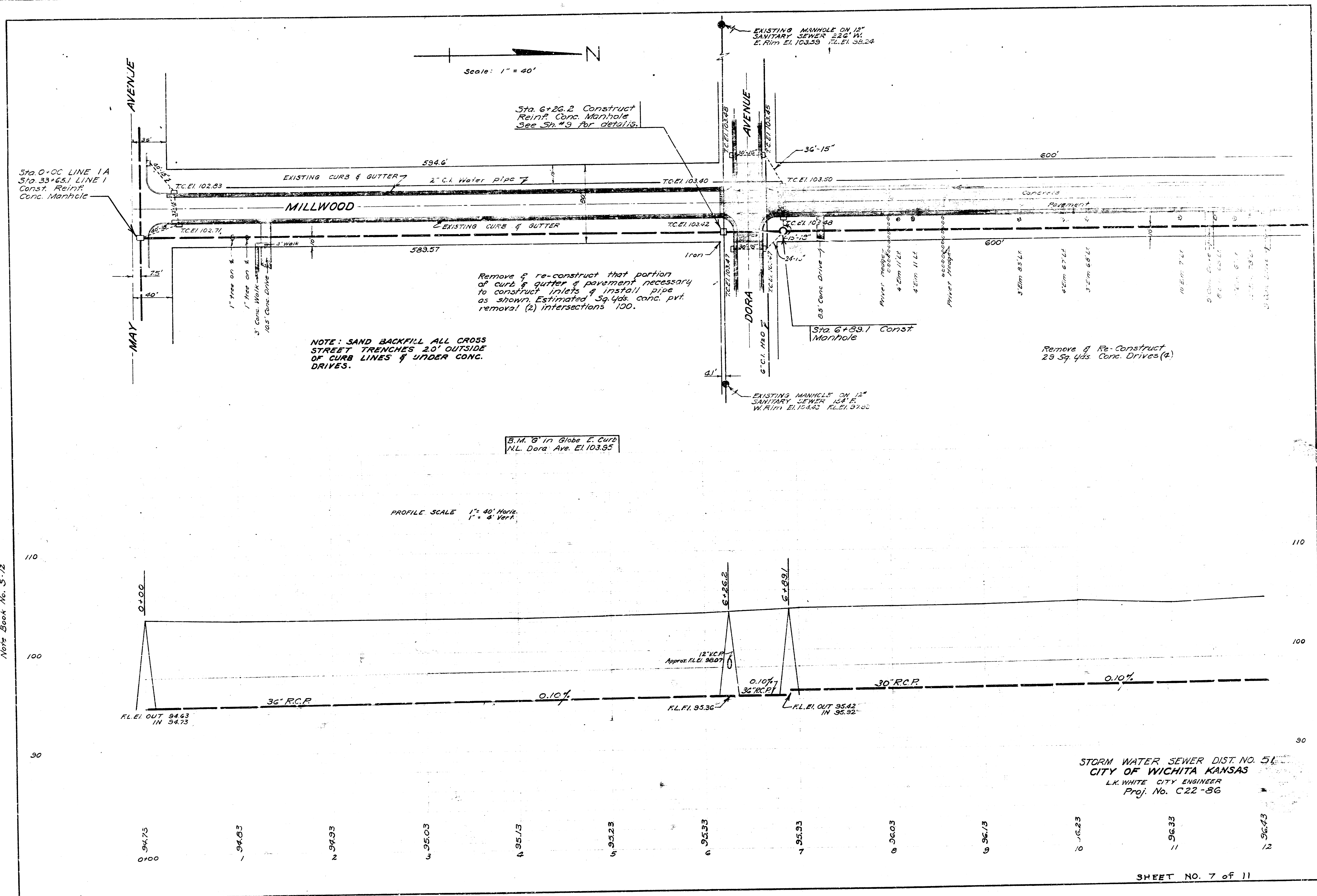


Date Oct 1952
 Drawn by J.L.A.
 Checked by Note Book No. 5-12

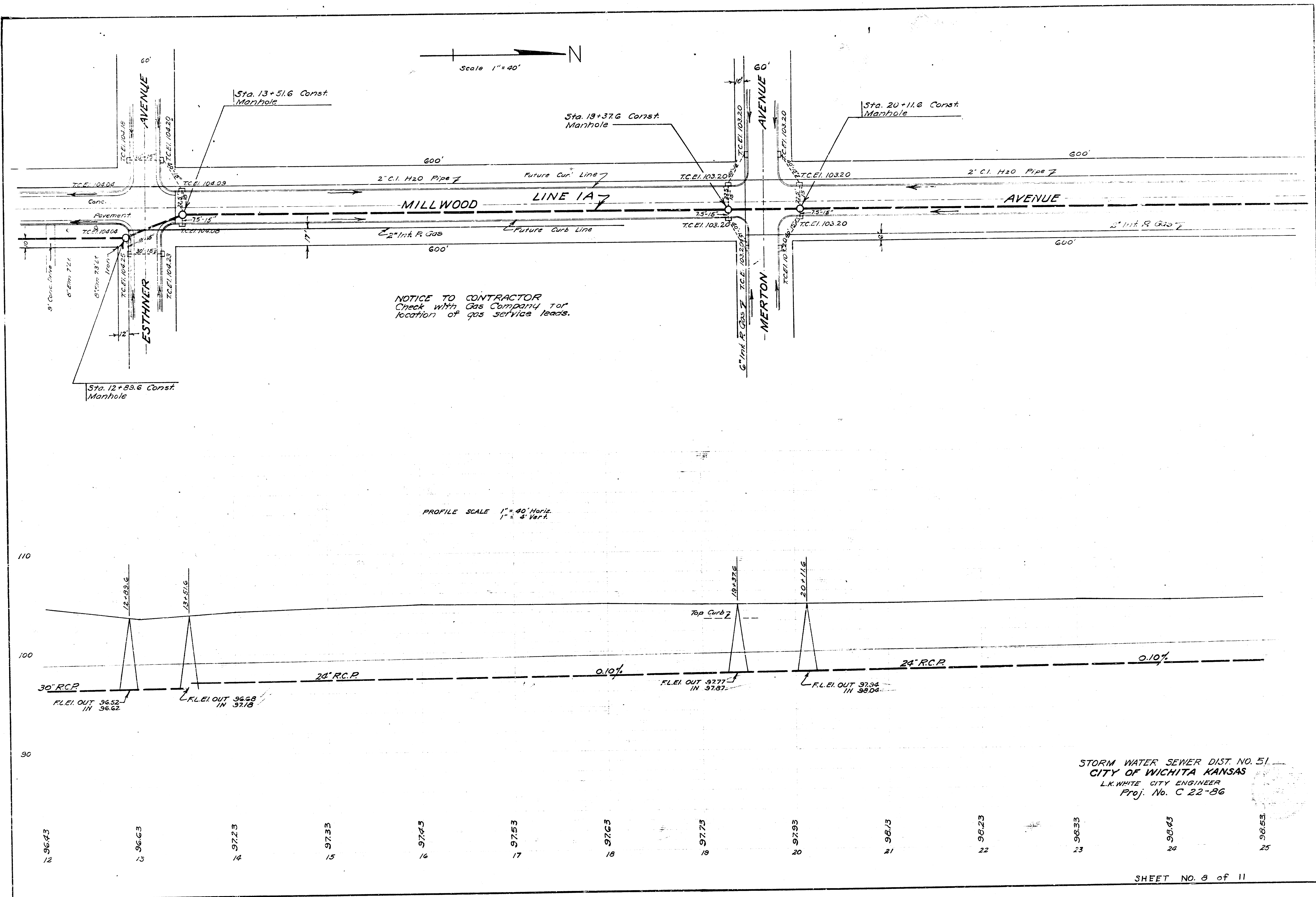




Date Oct. 1952
 Drawn by J.L.A.
 Checked by
 Note Book No. 5-12

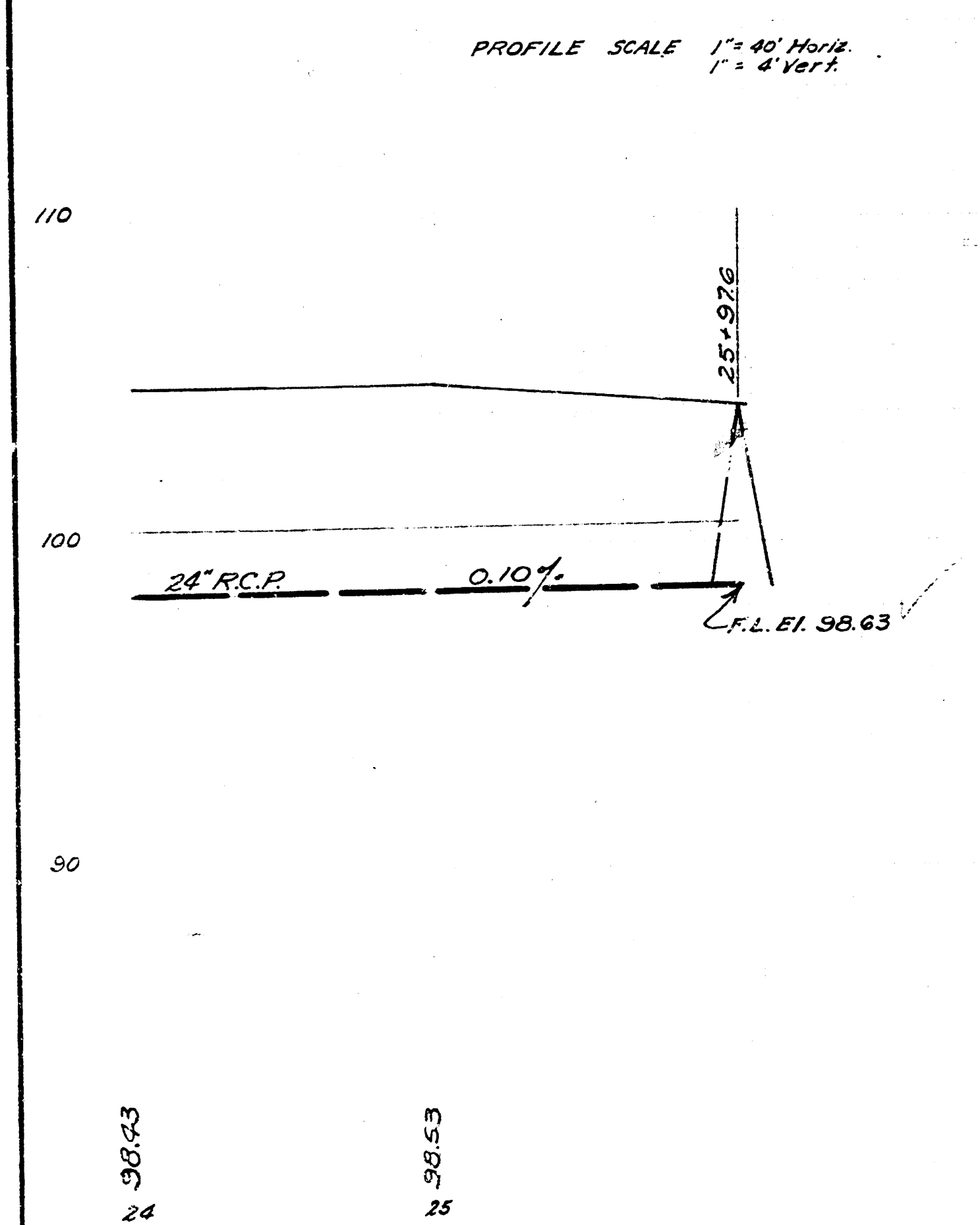
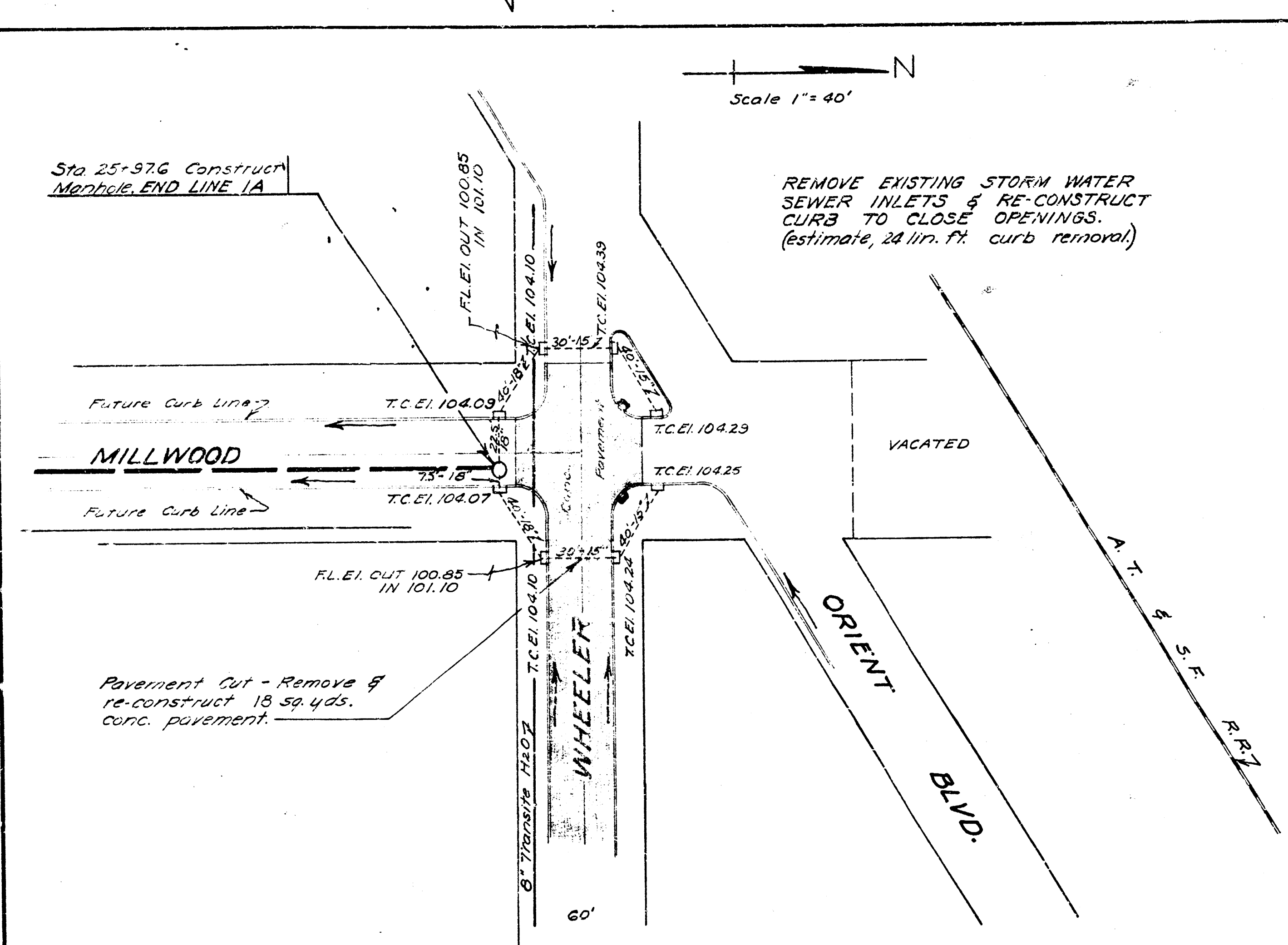


Date Oct. 1952
 Drawn by J.L.A.
 Checked by J.L.A.
 Note Book No. 5-12

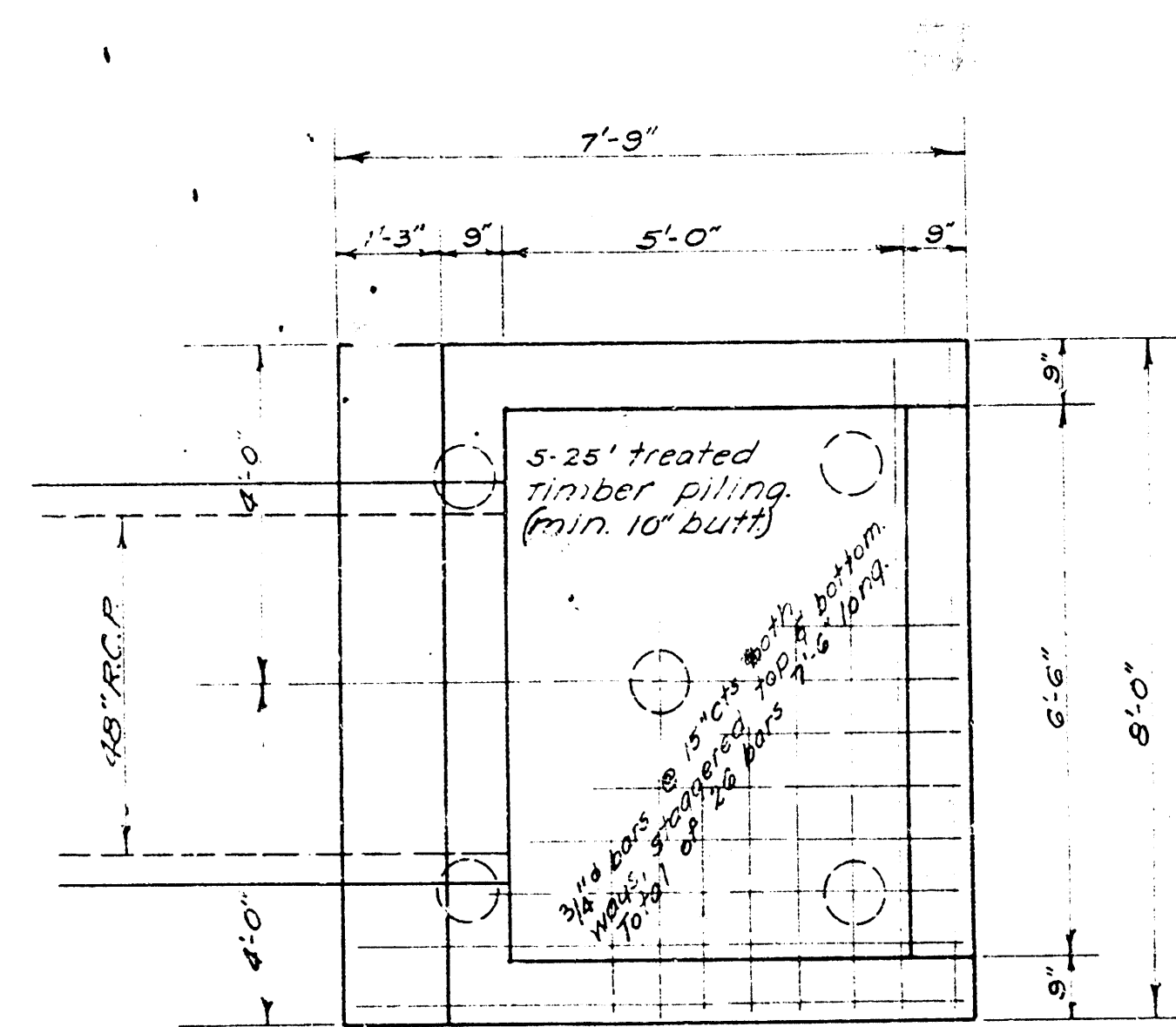


STORM WATER SEWER DIST. NO. 51
 CITY OF WICHITA KANSAS
 L.K. WHITE CITY ENGINEER
 Proj. No. C 22-86

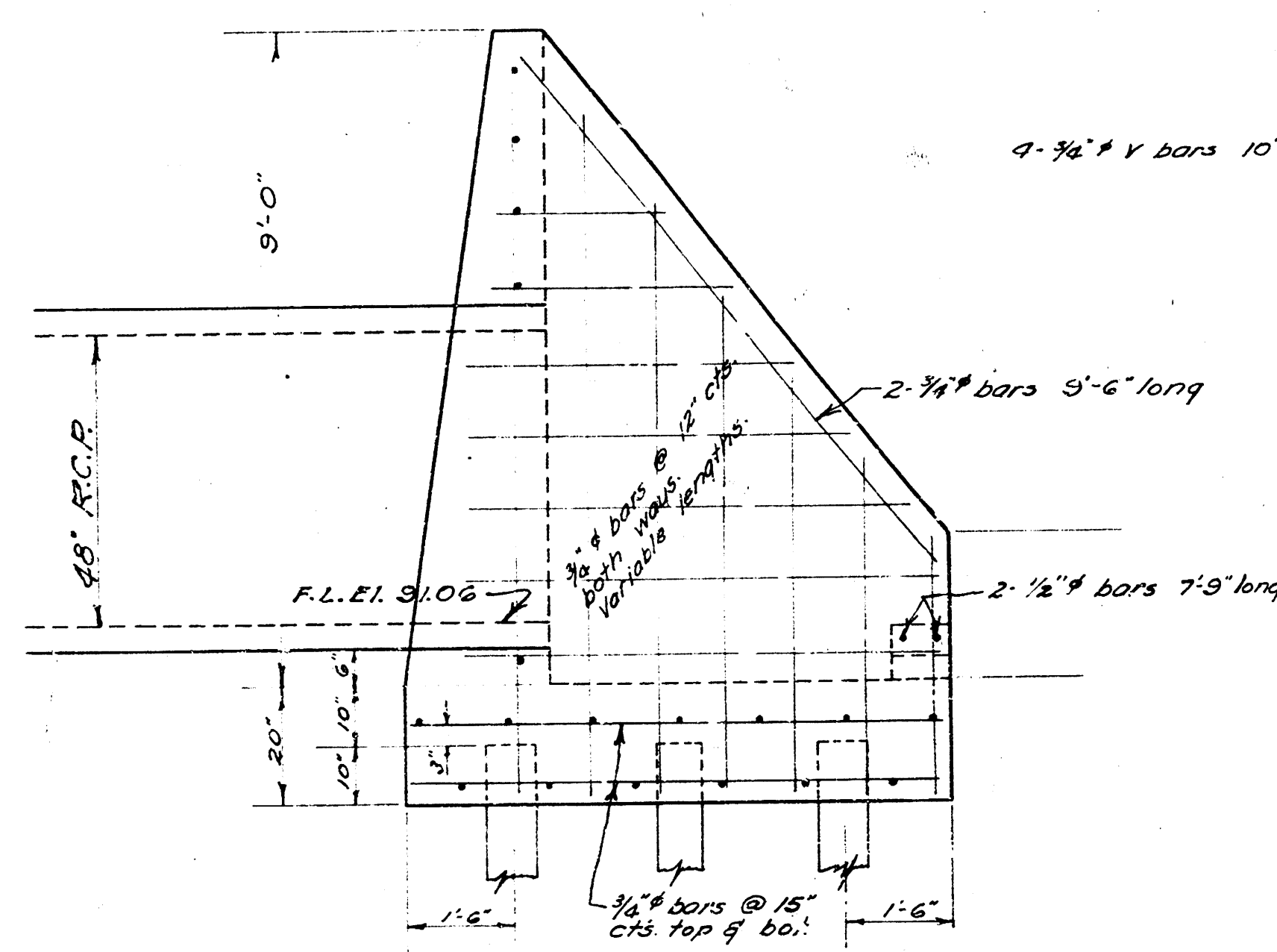
Date Oct. 1952
 Drawn by J.L.A.
 Checked by Note Book No. S-12



STORM WATER SEWER DIST. NO. 51
 CITY OF WICHITA KANSAS
 L.K. WHITE CITY ENGINEER
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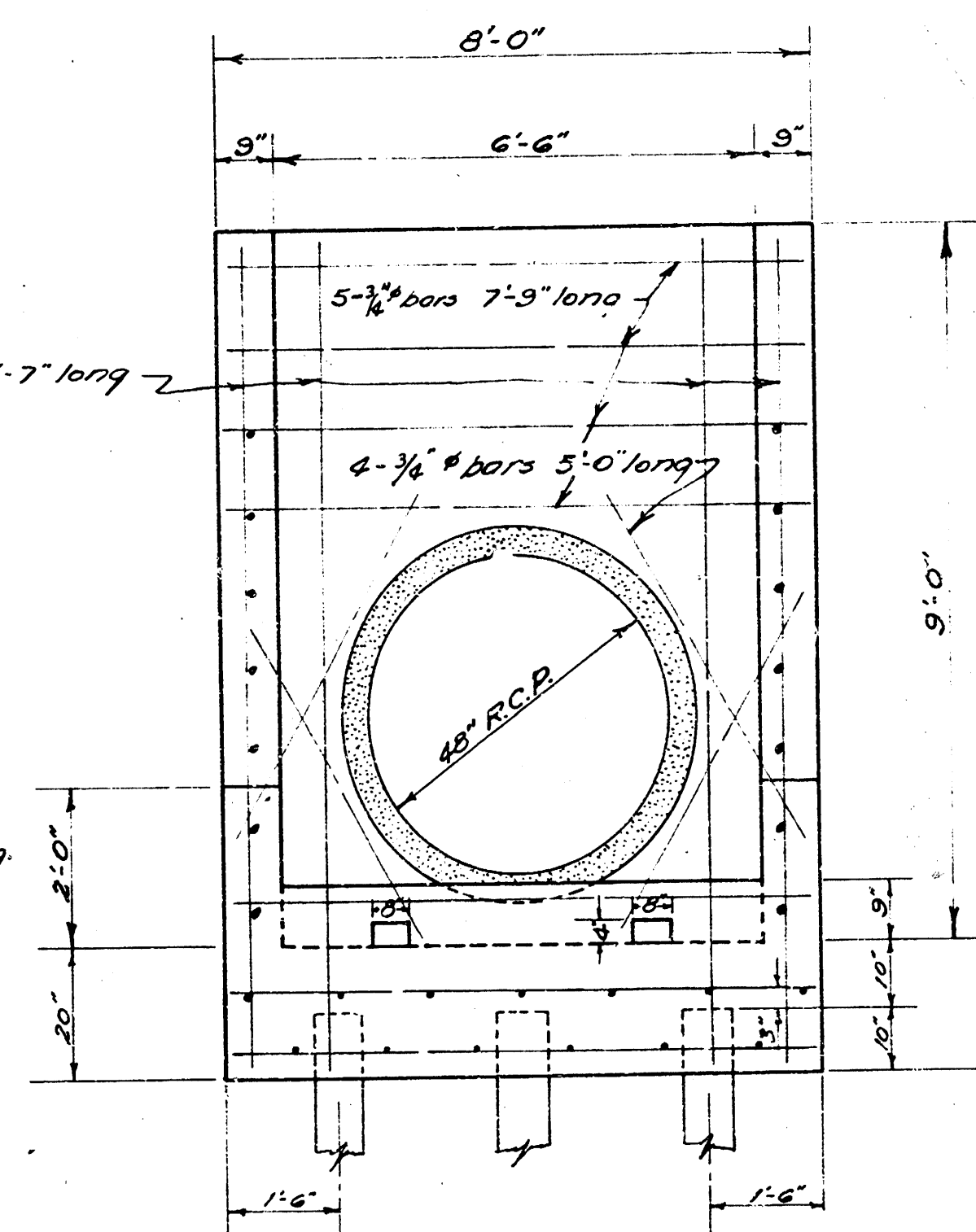
PLAN VIEW



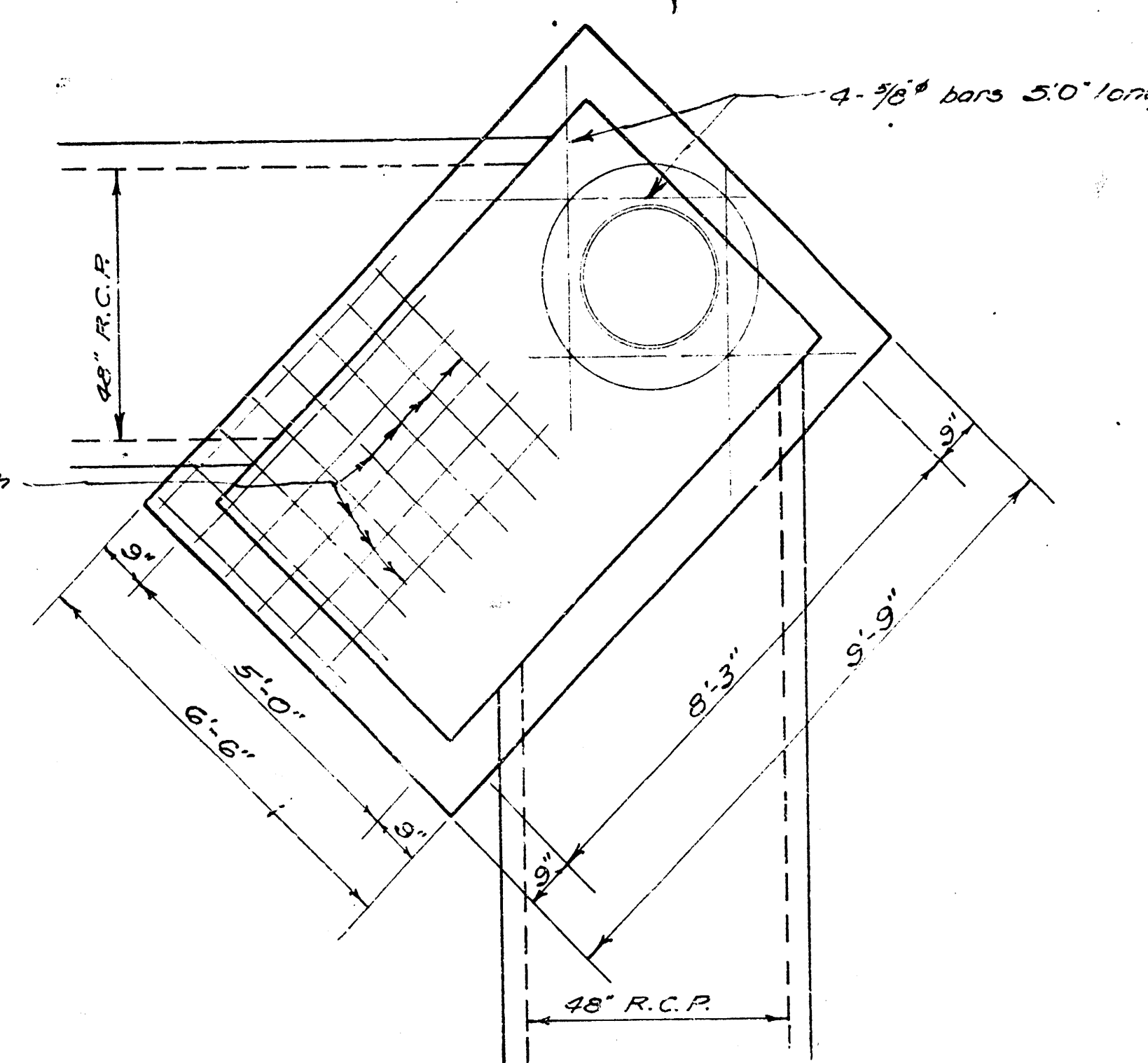
SIDE ELEVATION

OUTFALL STRUCTURE

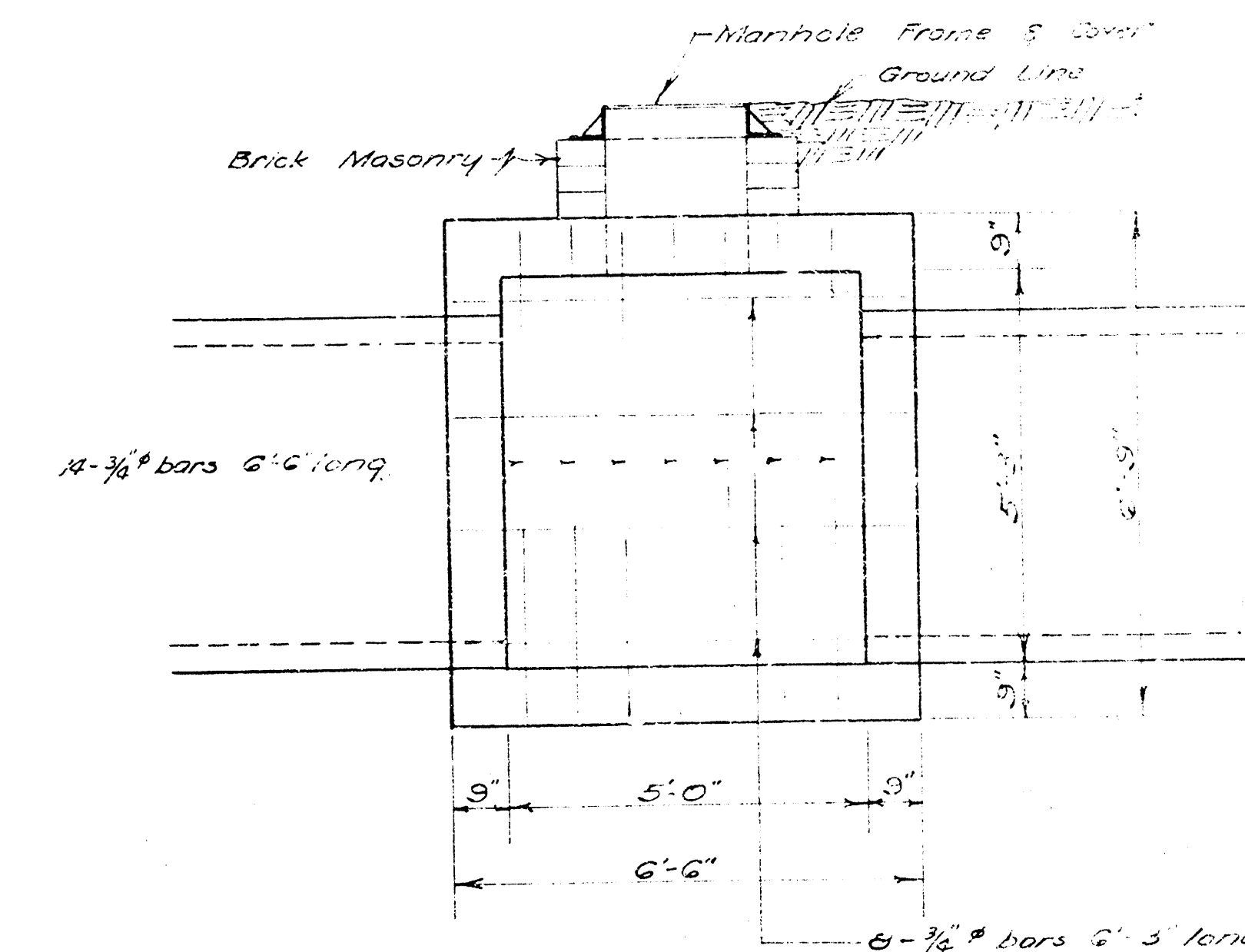
SCALE: 1/2" = 1'-0"



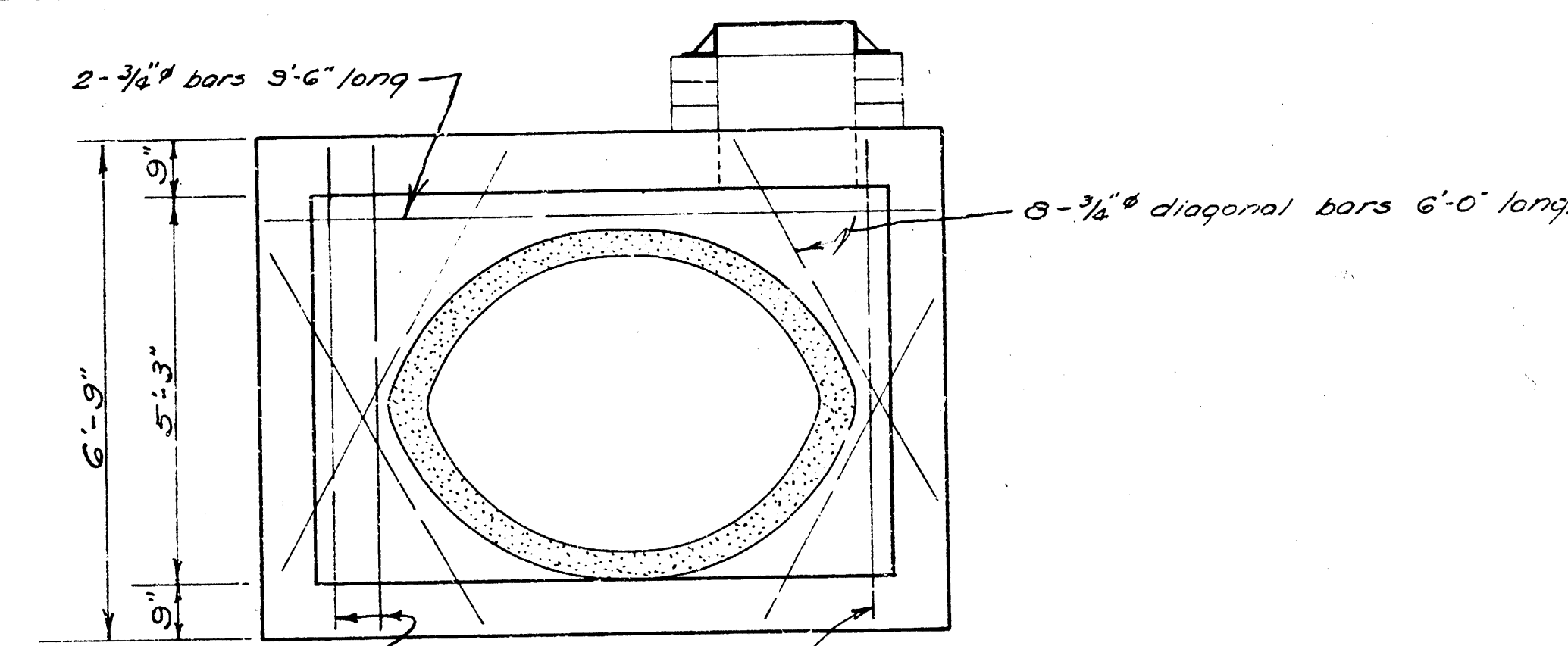
END ELEVATION



PLAN VIEW



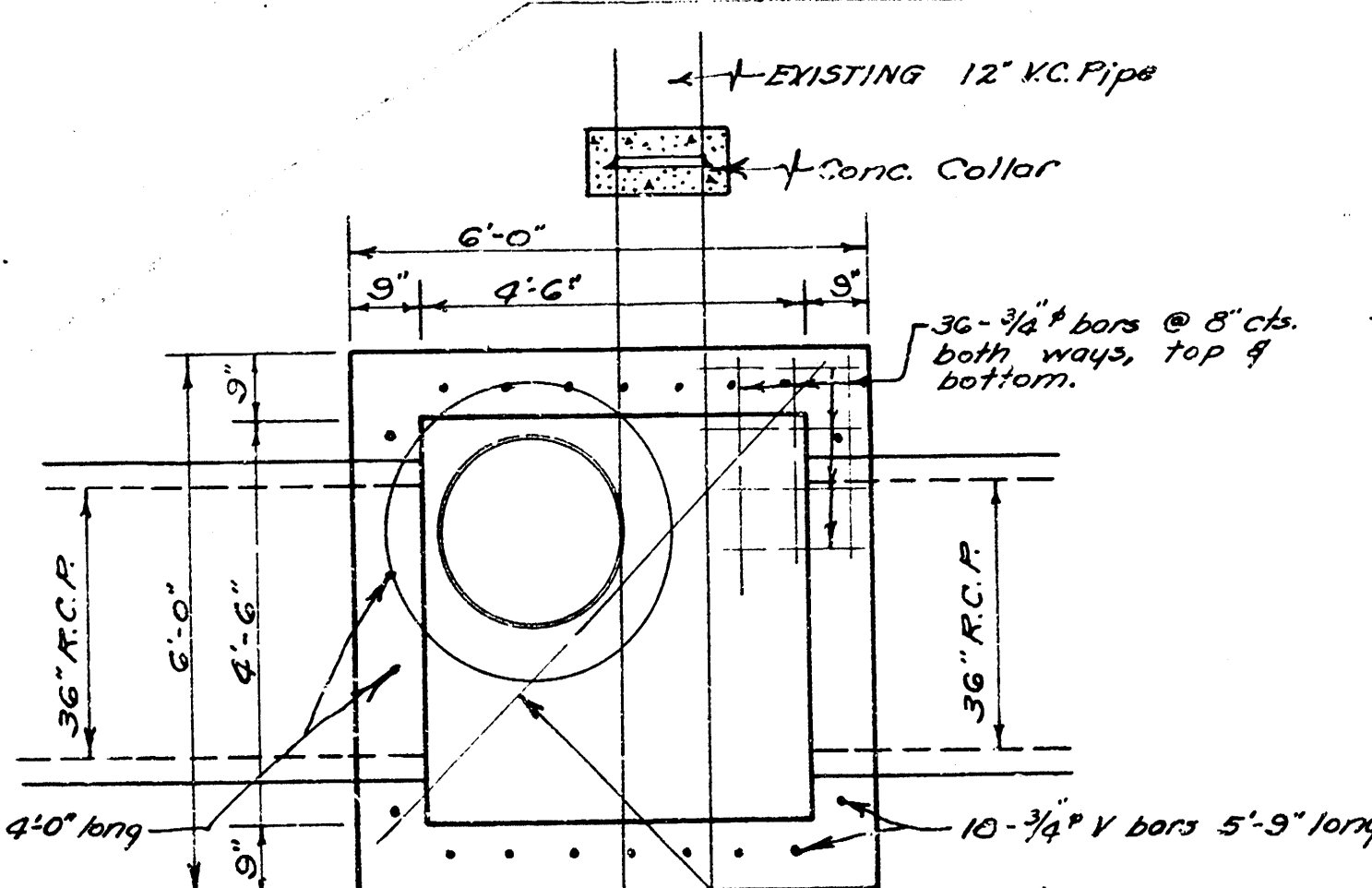
END ELEVATION



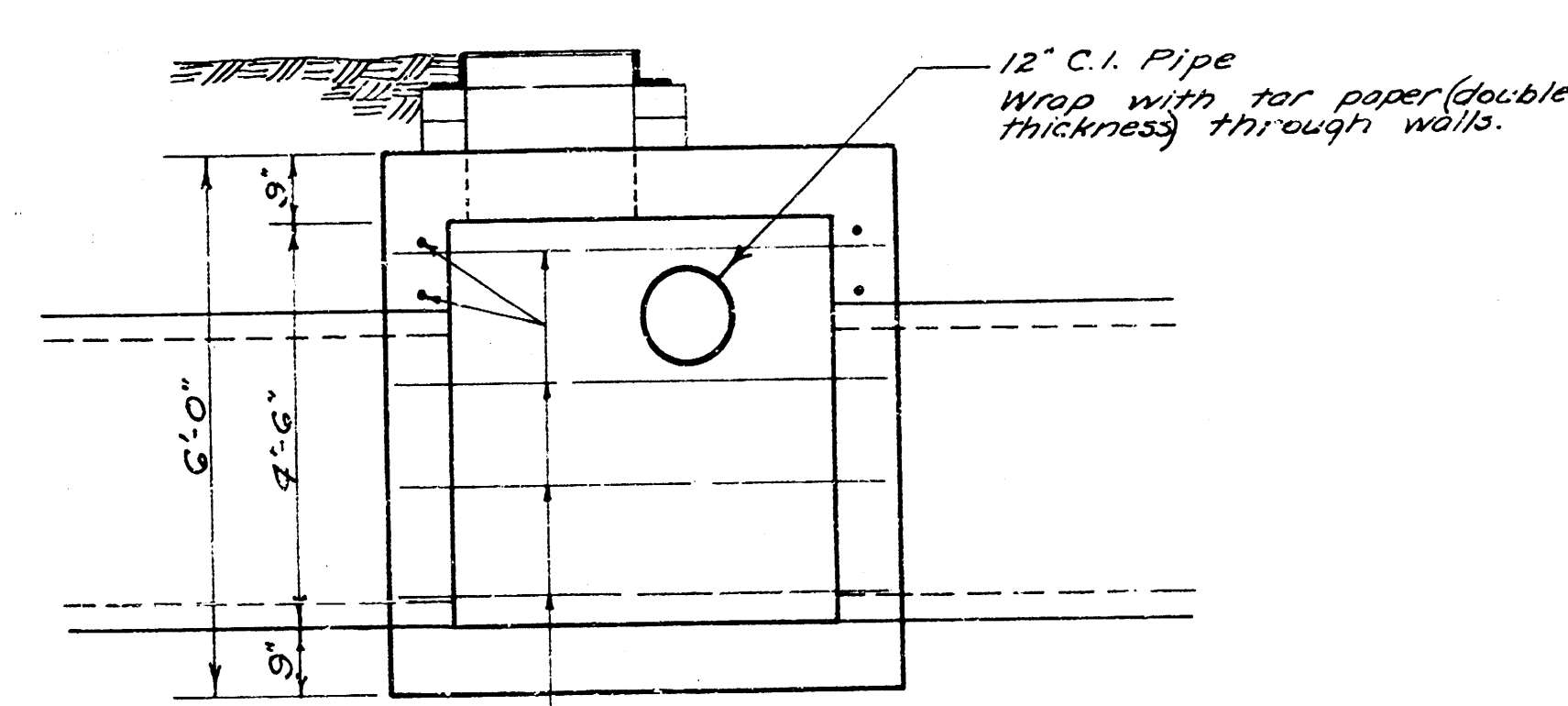
SIDE ELEVATION

REINF. CONC. MANHOLE Sta. 10+48 Line 1

Scale 1/2" = 1'-0"



PLAN VIEW

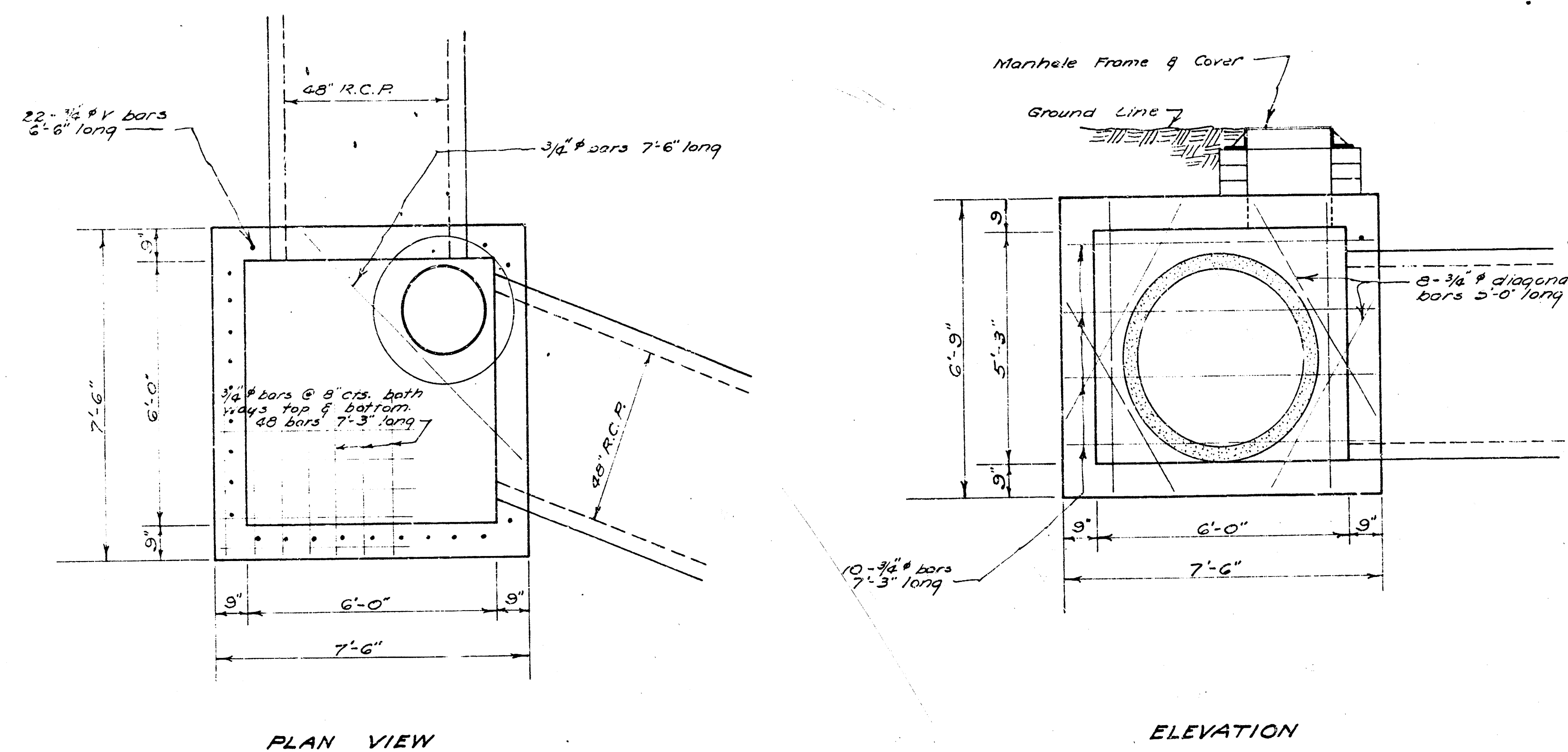


ELEVATION

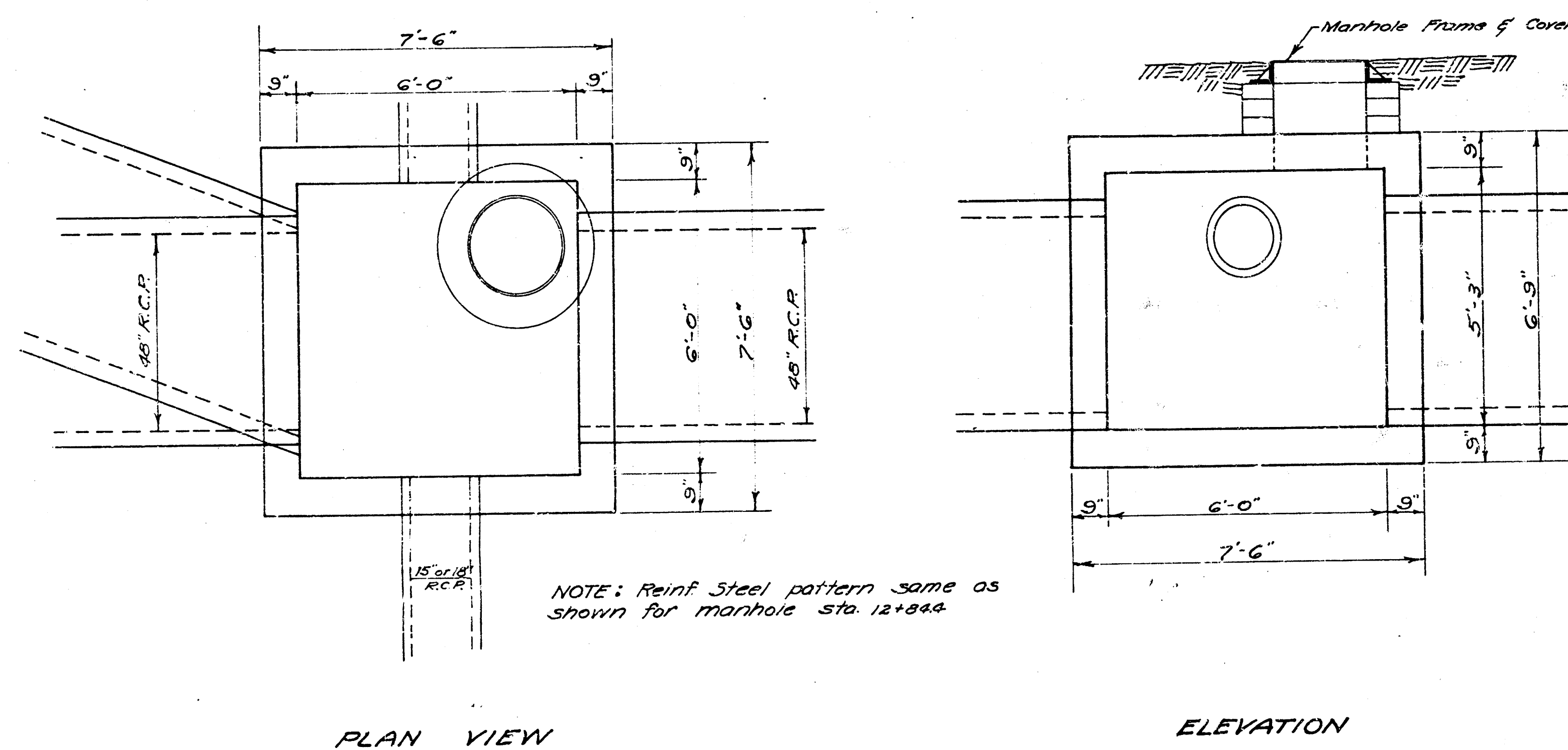
REINF. CONC. MANHOLE Sta. 6+26.2 Line 1A

Scale 1/2" = 1'-0"

STORM WATER SEWER DIST. NO. 51
CITY OF WICHITA KANSAS
L.K. WHITE CITY ENGINEER
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Date: Oct. 1952



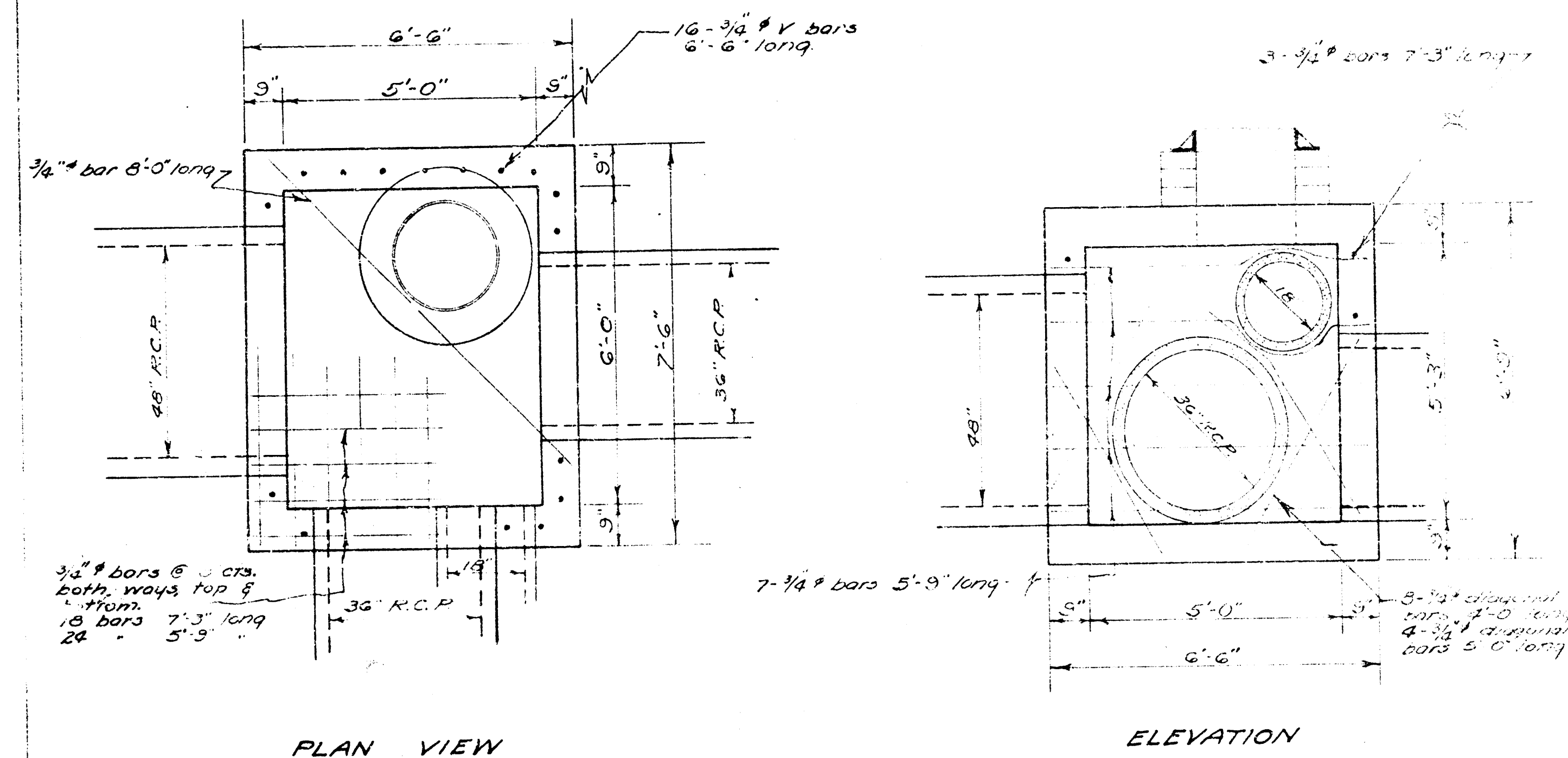
REINF. CONC. MANHOLE Sta. 12+91.2
SCALE 1/2" = 1'-0"



NOTE: Reinf. Steel pattern same as shown for manhole Sta. 12+91.2

REINF. CONC. MANHOLE
SCALE 1/2" = 1'-0"

Sta. 13+48
Sta. 16+61.4
Sta. 21+97.4
Sta. 25+96.5
Sta. 30+51.3



REINF. CONC. MANHOLE Sta. 33+65.1 Line 1
Sta. 0+00 Line 1A
SCALE 1/2" = 1'-0"

Concrete for manholes shall contain not less than 165 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 (18" diam. or less). Where pipes are large use 3/4" diagonal bars as shown.

The floor of the manhole is to be shaped for flow and drainage with concrete. 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.

STORM WATER SEWER DIST. NO. 51
CITY OF WICHITA KANSAS
J. W. WHITE CITY ENGINEER
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