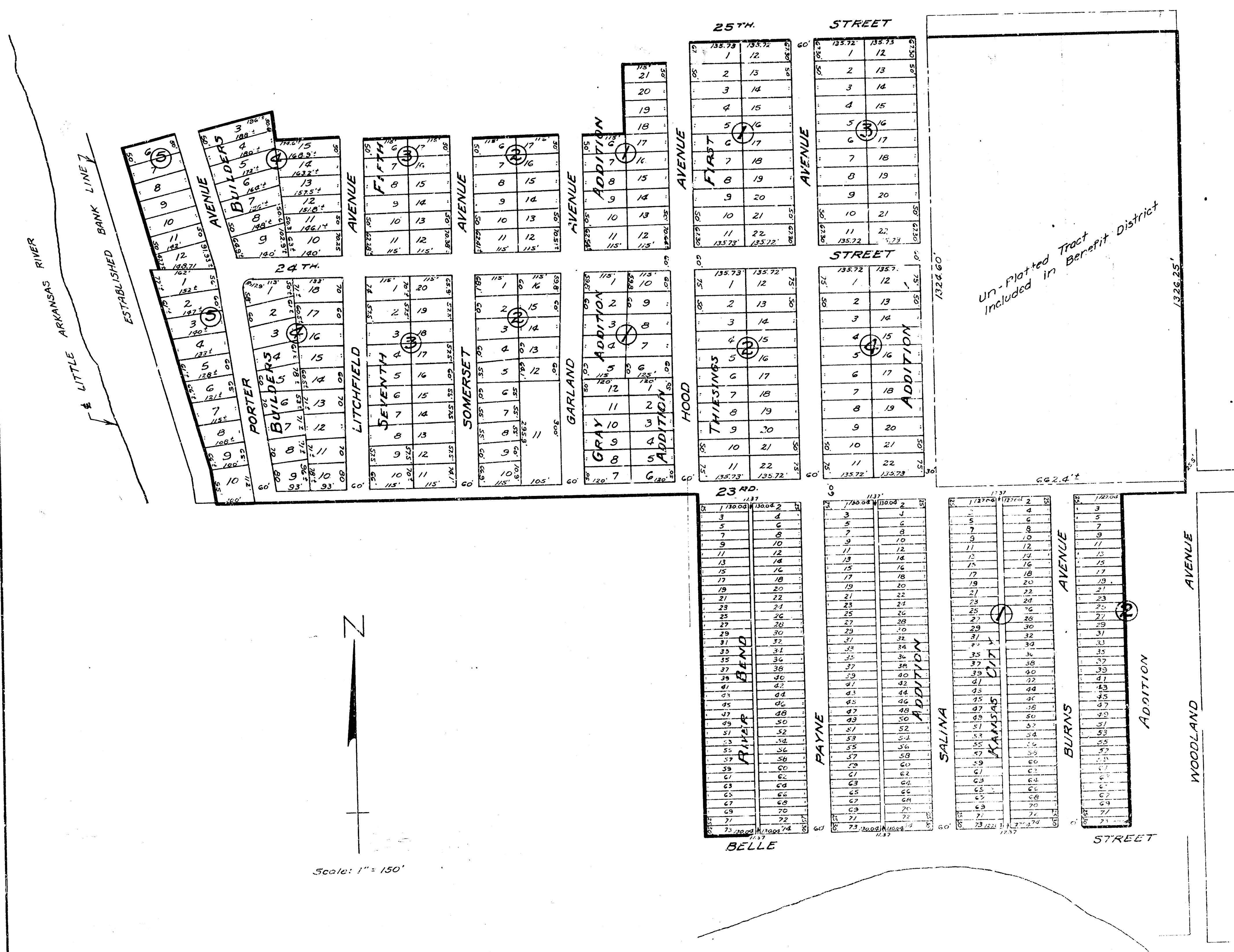


BENEFIT DISTRICT STORM WATER SEWER DIST. NO. 54 CITY OF WICHITA KANSAS

B. E. SMITH CITY ENGINEER

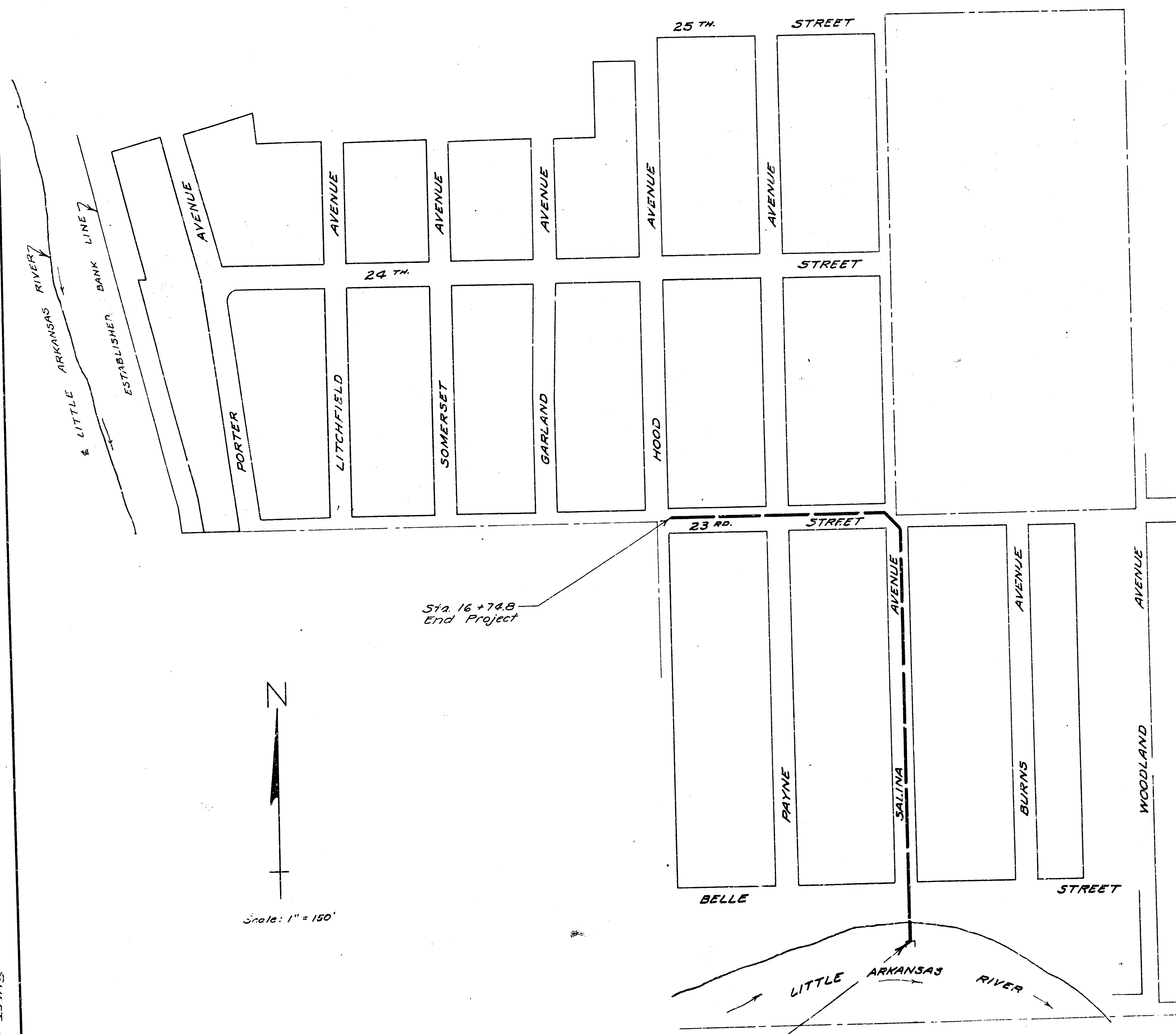


LOCATION MAP
STORM WATER SEWER DIST. NO. 54
CITY OF WICHITA KANSAS

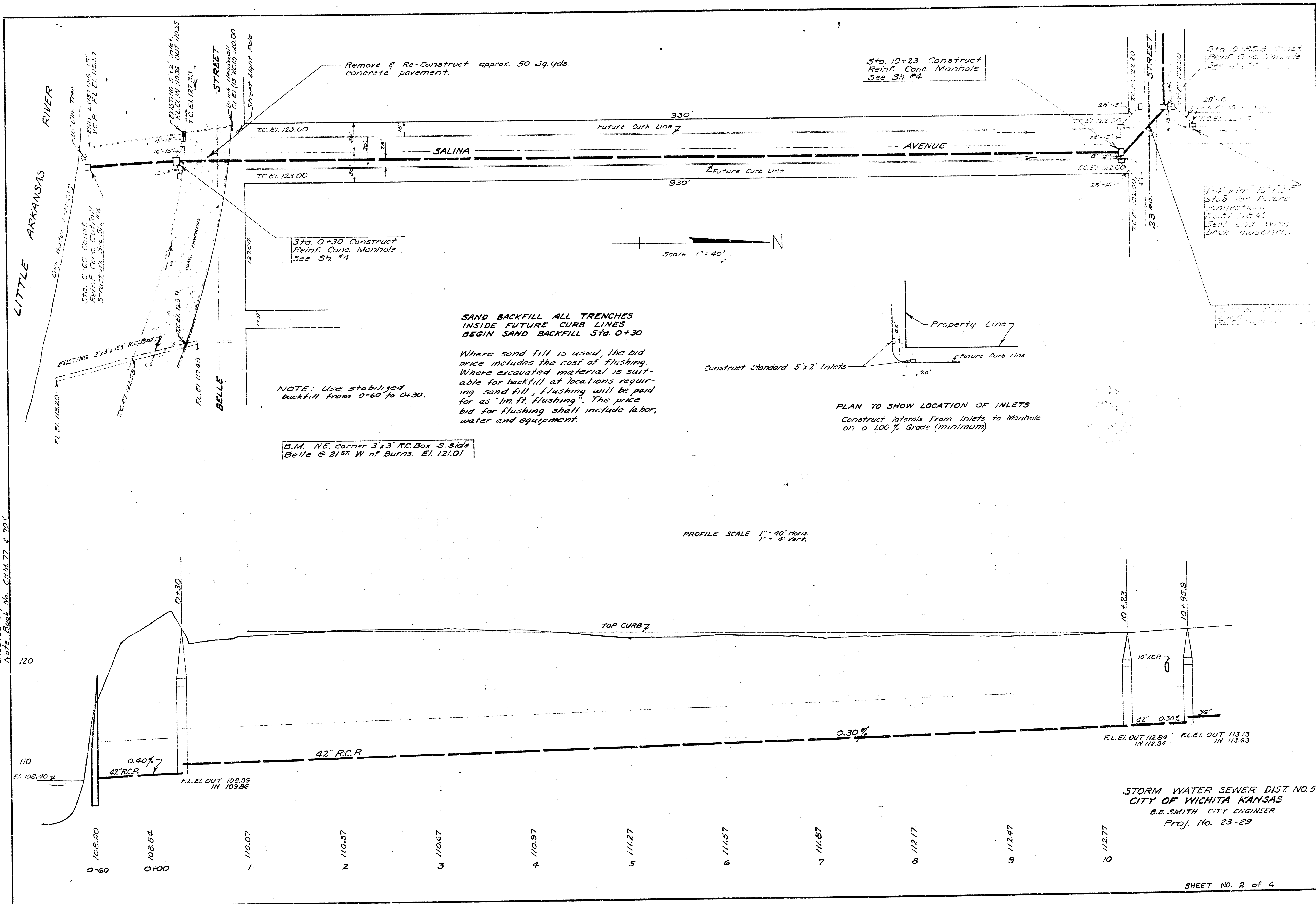
B.E. SMITH CITY ENGINEER

PROJECT NO. C23-29

SHEET NO. 1 OF 4 SHEETS

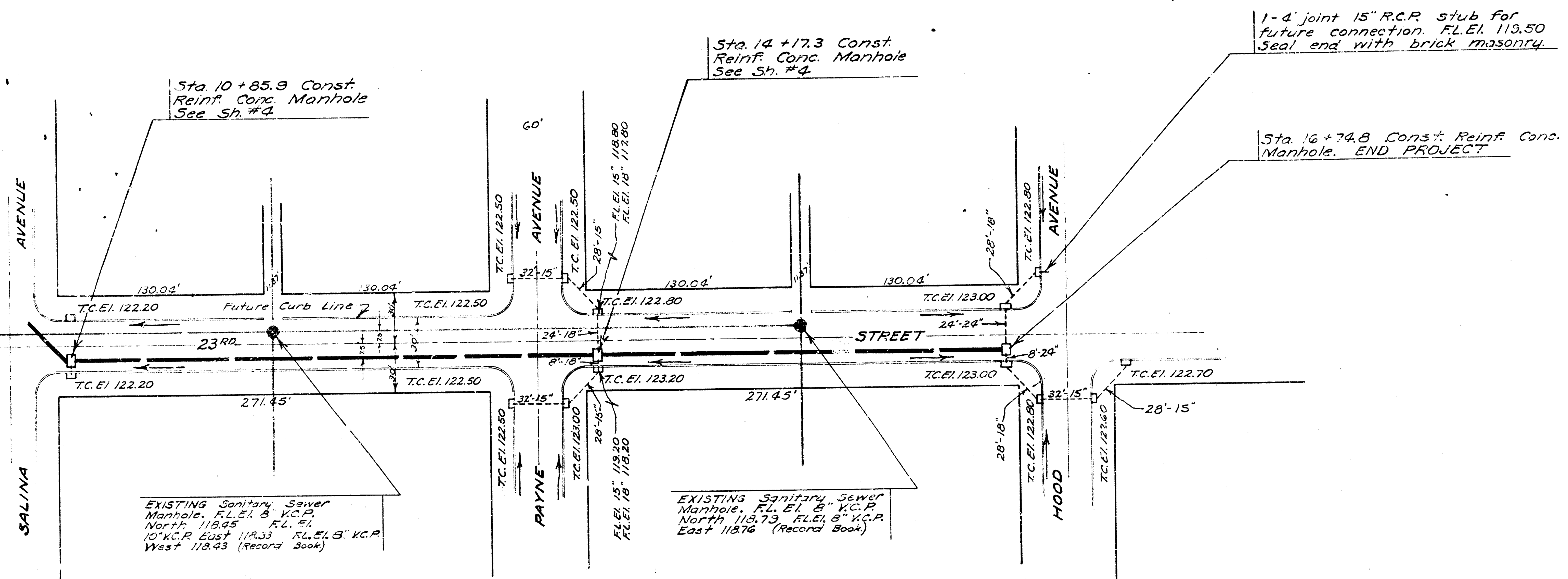


Date 6-2-53
 Drawn by J.L.A.
 Checked by CHM 77 & 201

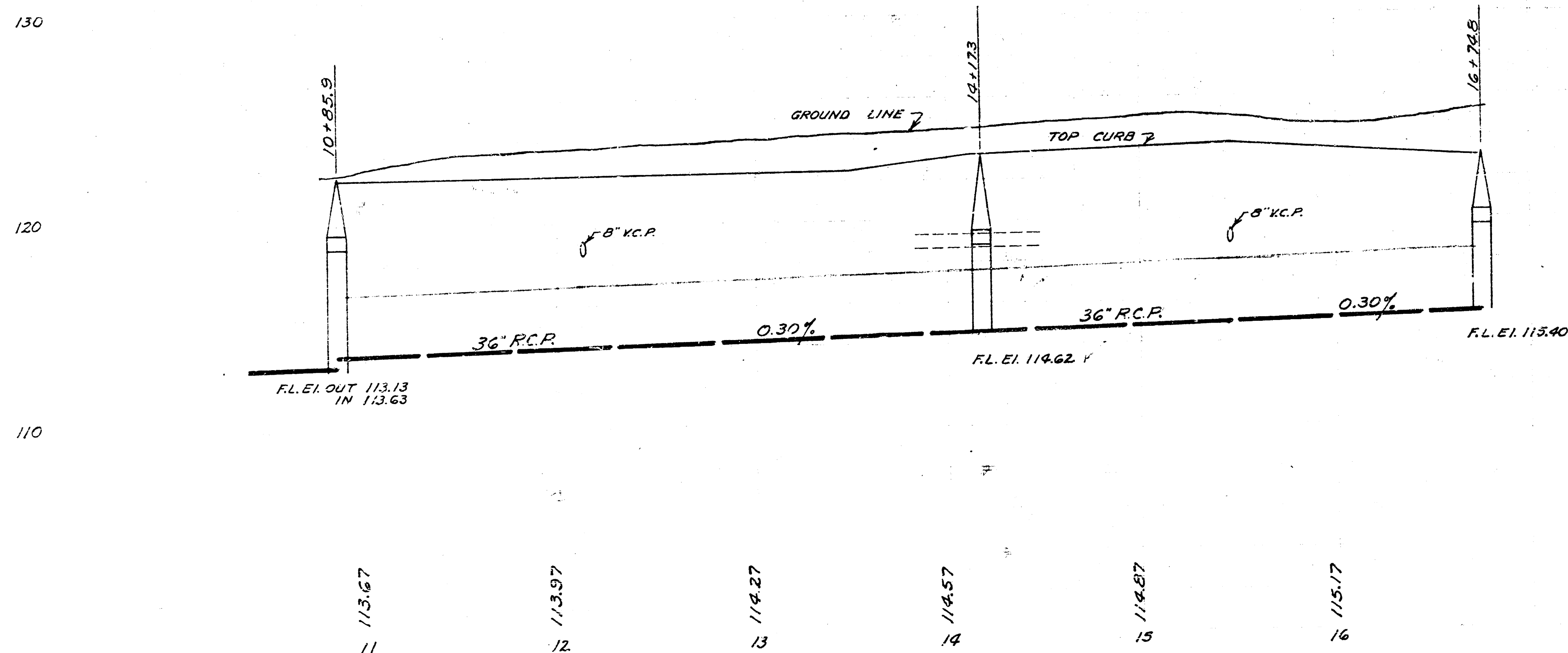




See Sheet No. 2
for intersection
details.

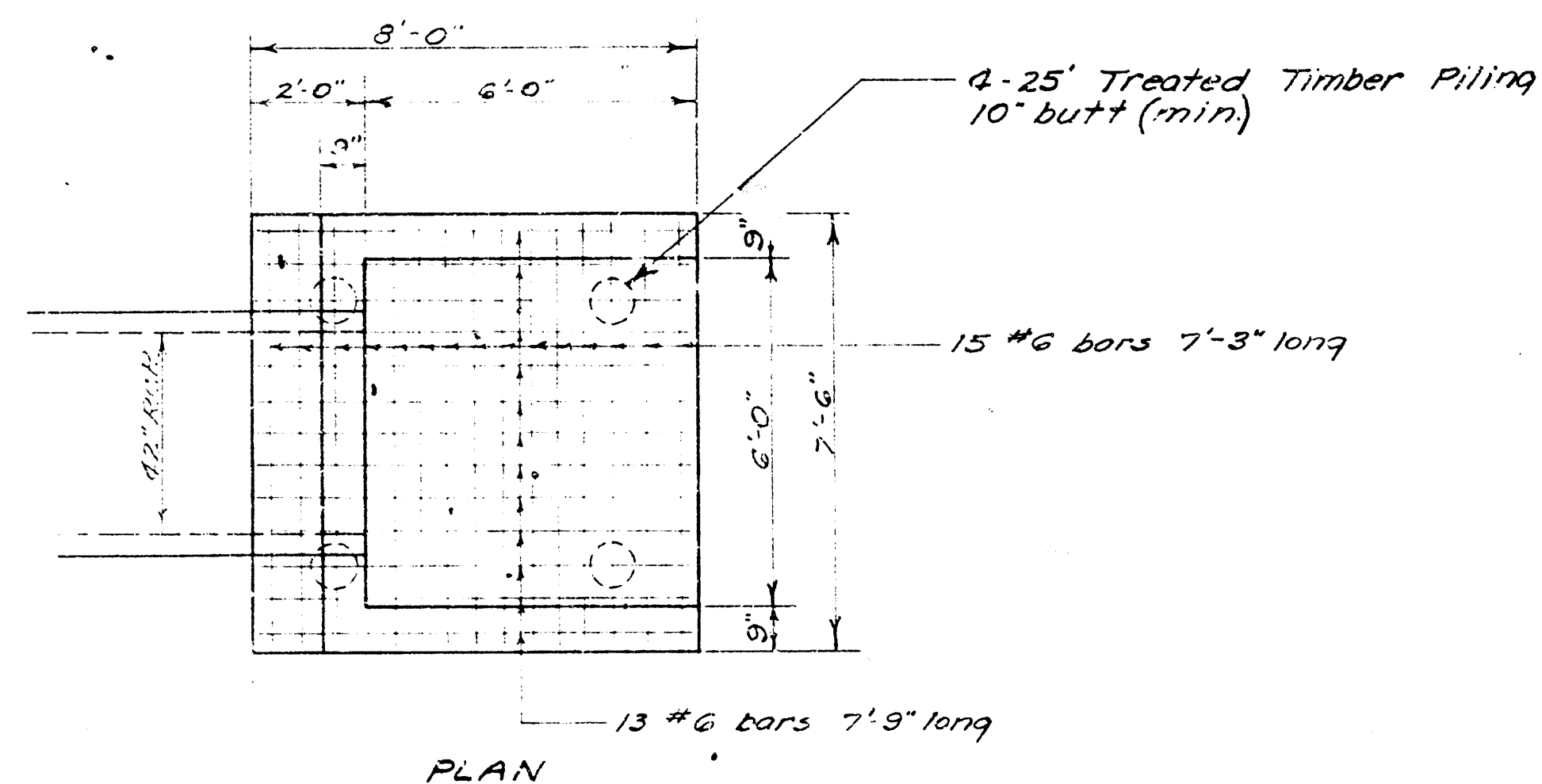


PROFILE SCALE 1" = 40' Horiz.
1" = 4' Vert.



STORM WATER SEWER DIST. NO. 54
CITY OF WICHITA KANSAS
B.E. SMITH CITY ENGINEER
Proj. No. C23-29

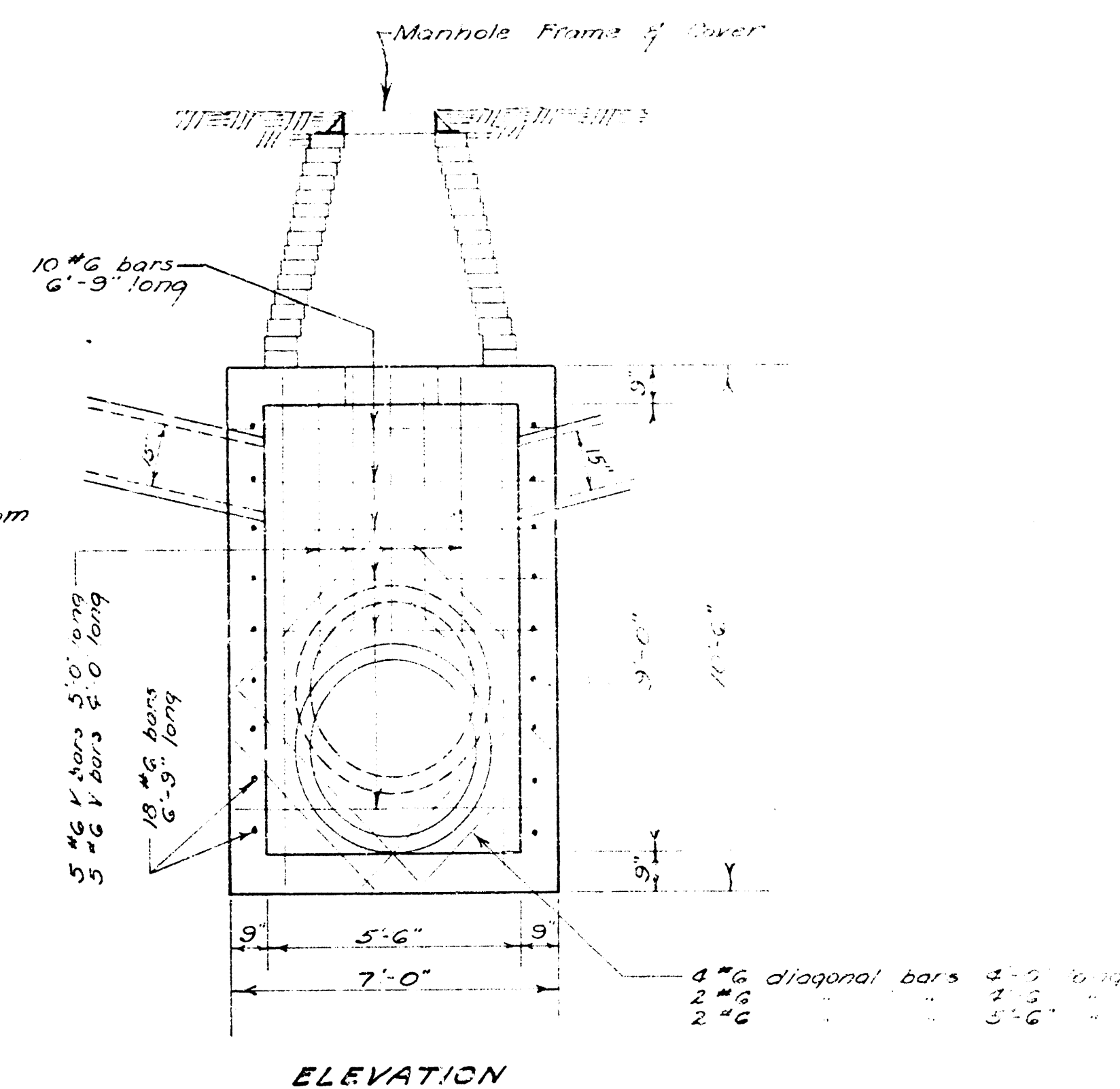
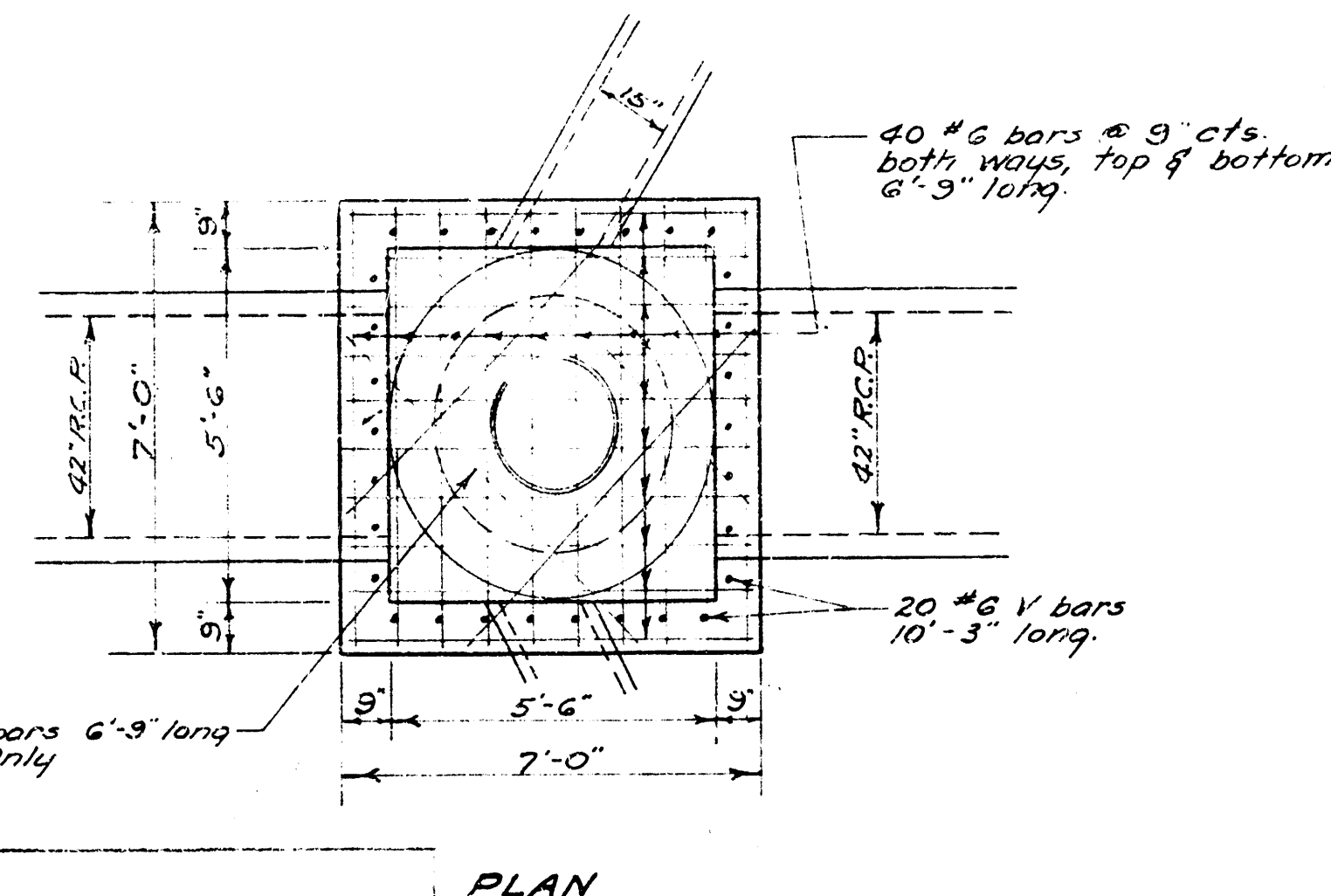
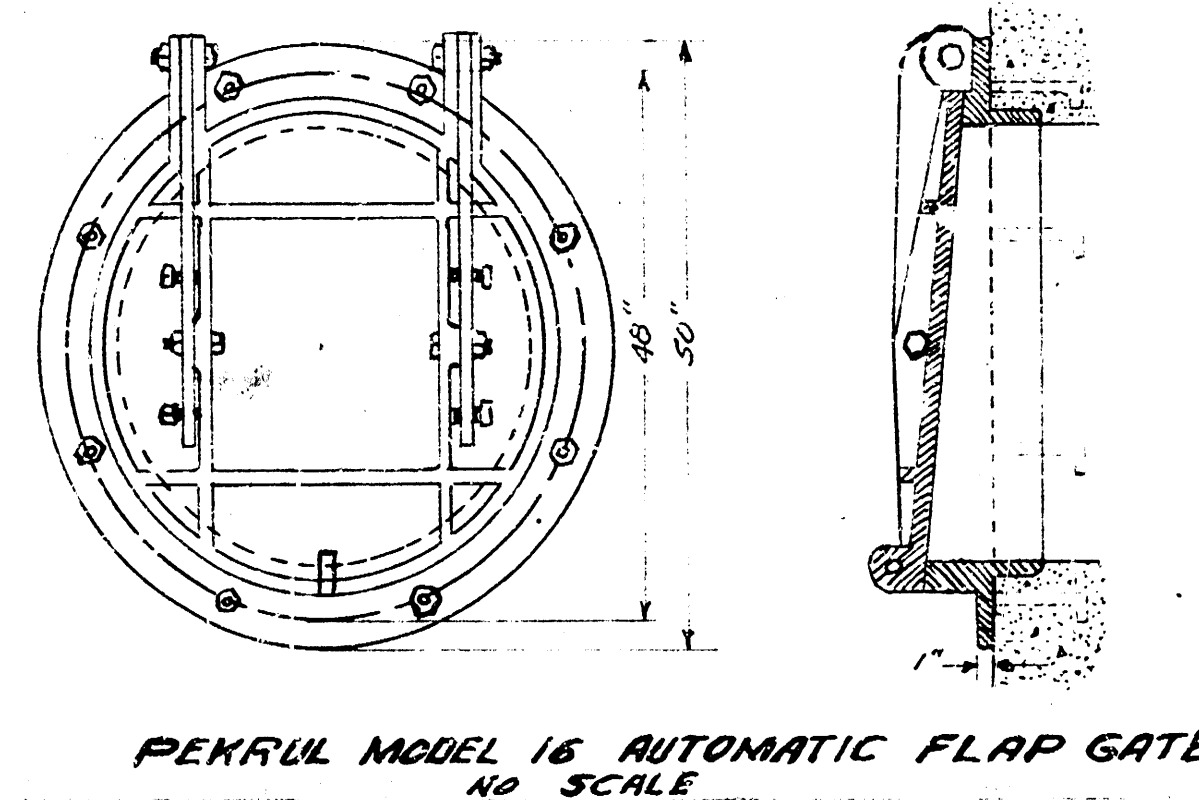
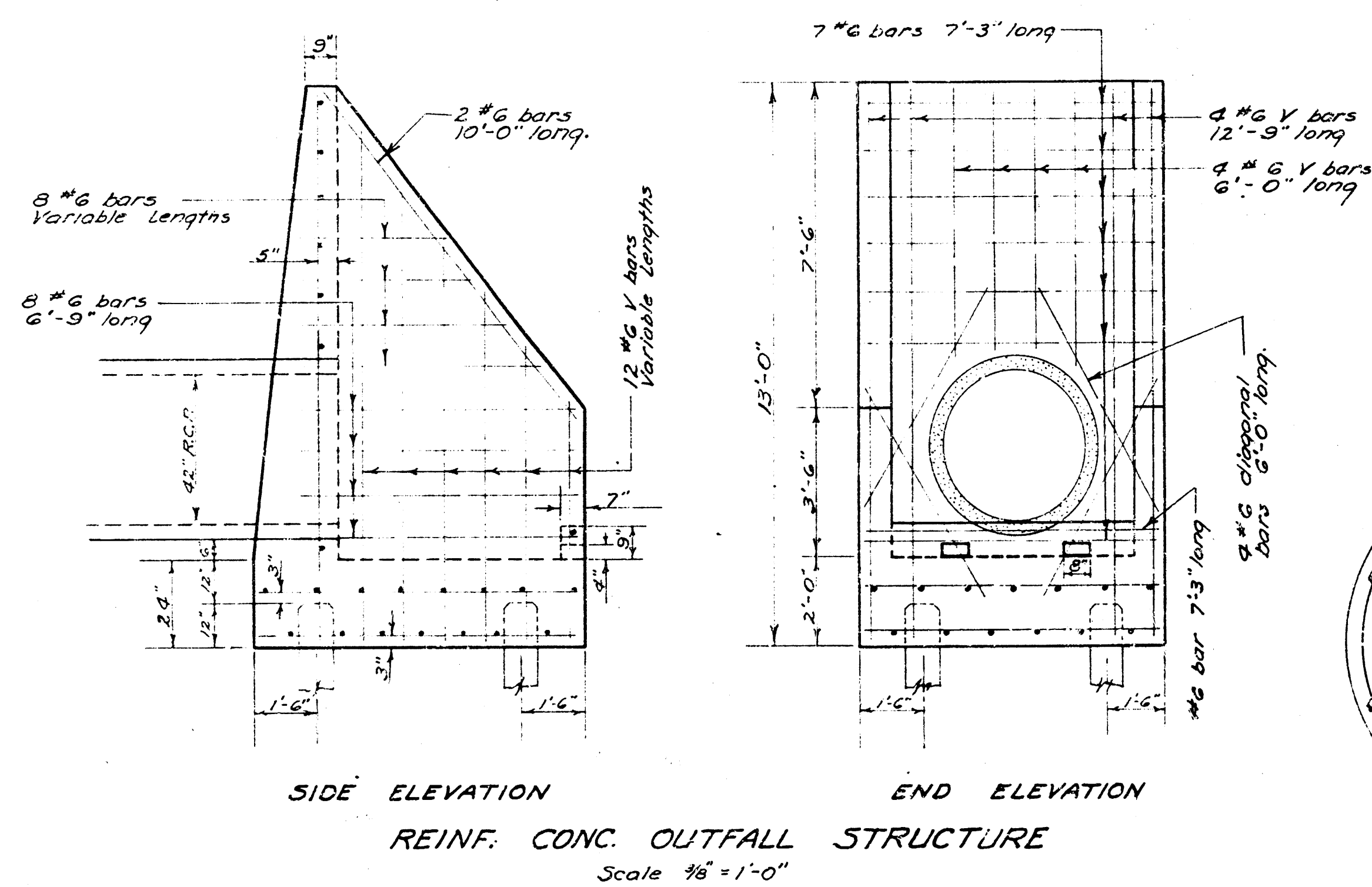
SHEET NO. 3 of 4



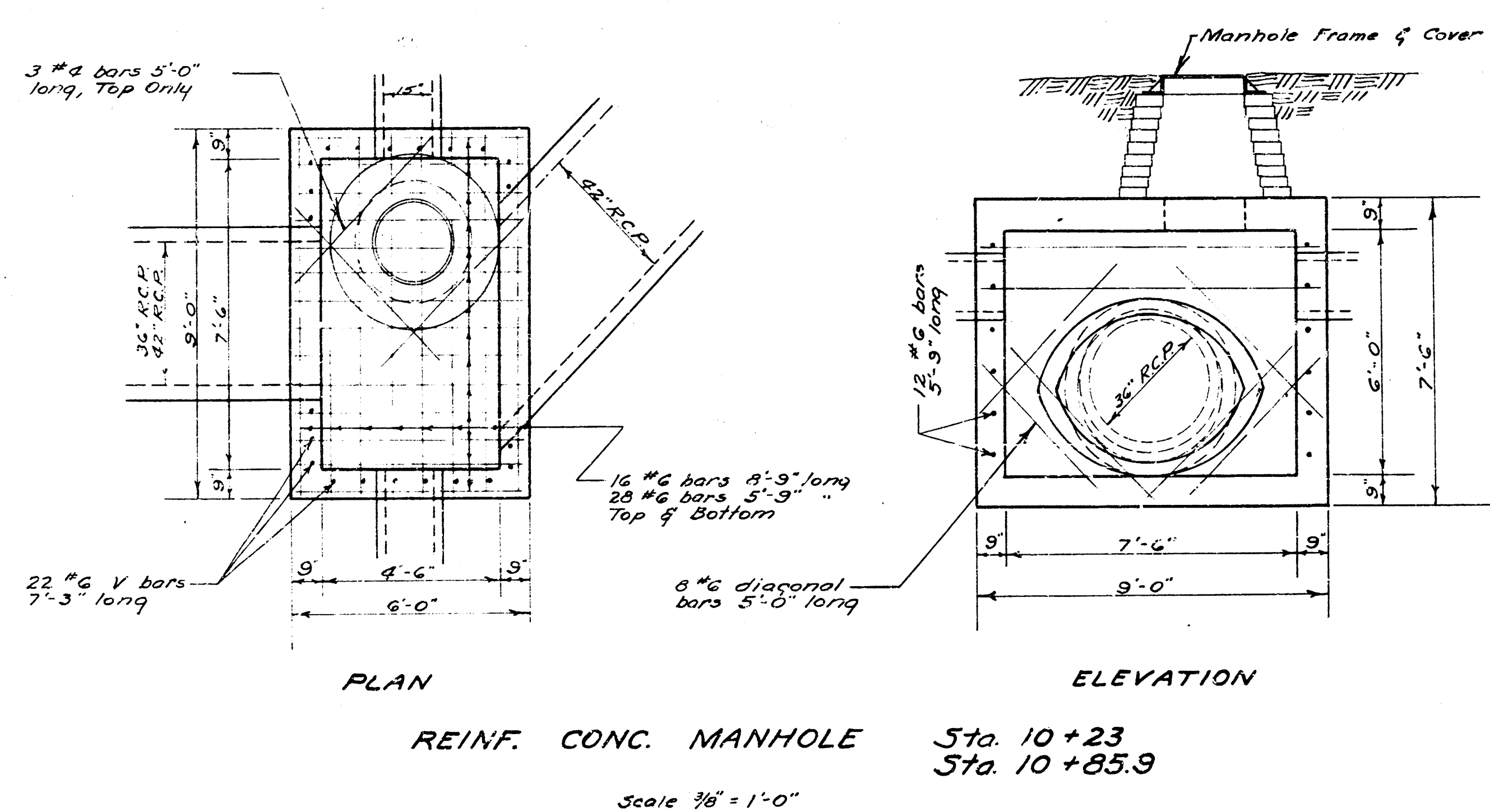
Concrete for structures shall contain not less than 165 lbs. of cement per cu. yd. of concrete. In no event shall the total water content exceed 6.25 gals. per sack of cement. The mixture of fine and coarse aggregate shall be such as will produce a maximum density of a most workable mixture.

IN GENERAL — Pipes will enter and leave the manholes at various angles and elevations. Where possible bend reinforcing bars around pipes (24" diam. or less). Where pipes are large use diagonal bars as shown.

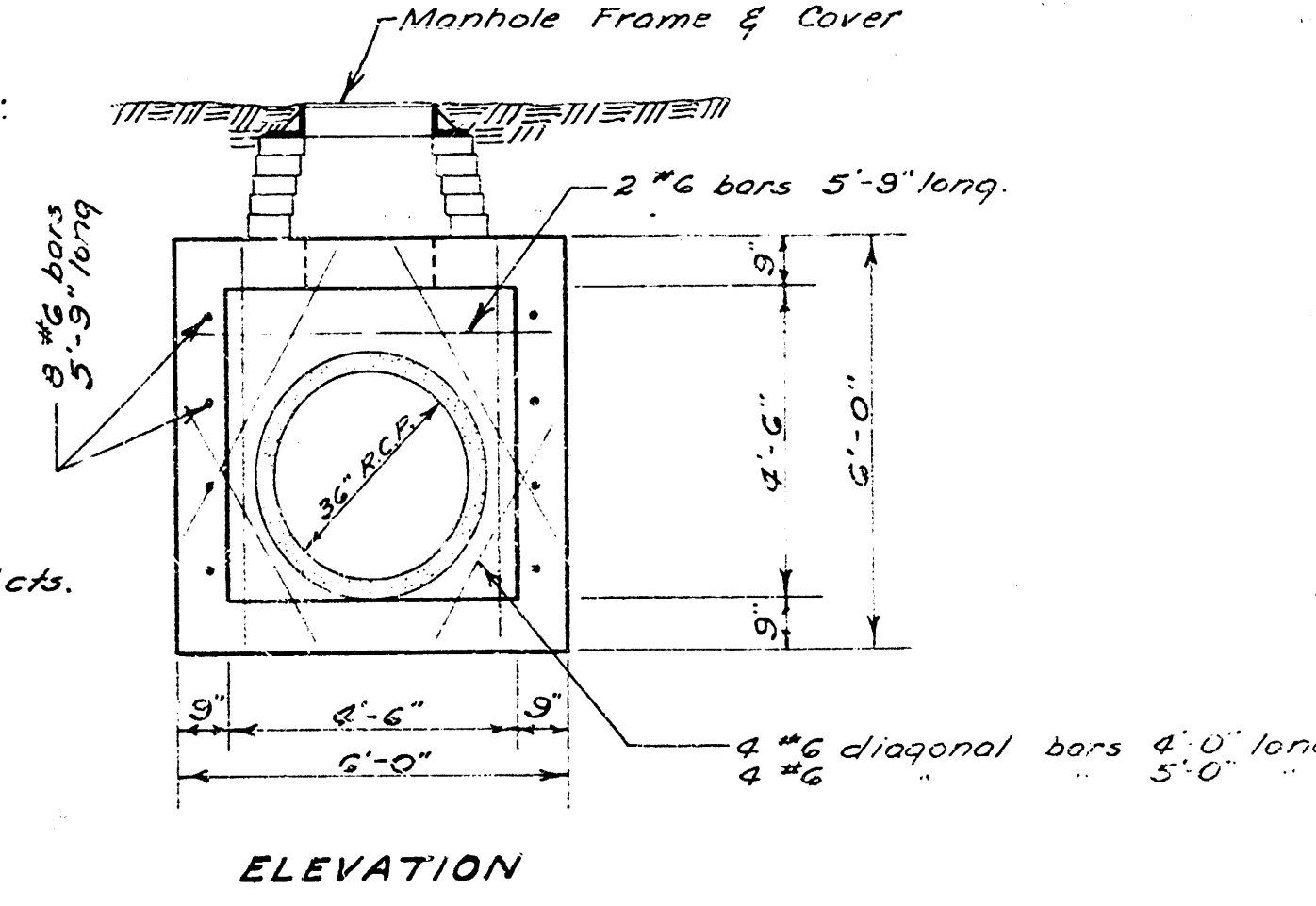
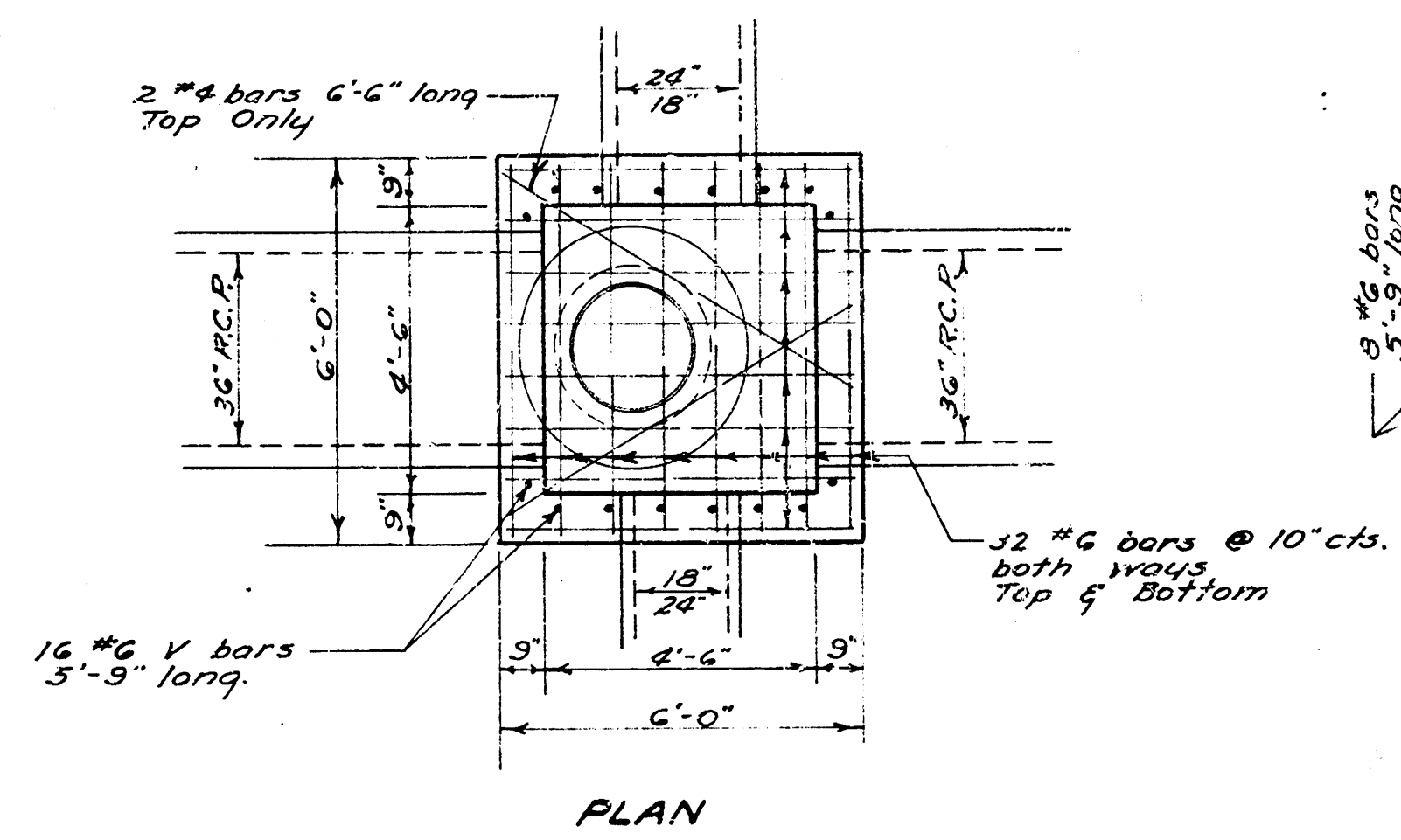
The floor of the manhole is to be shaped for flow and drainage. No deduction in concrete quantities shall be made for pipe openings. No addition in concrete quantities shall be made for shaping manhole floor. An internal vibrator shall be used for placing concrete.



REINF. CONC. MANHOLE Sta. 0+30
Scale 3/8" = 1'-0"



REINF. CONC. MANHOLE Sta. 10+23
Sta. 10+85.9
Scale 3/8" = 1'-0"



REINF. CONC. MANHOLE Sta. 14+17.3
Sta. 16+74.8
Scale 3/8" = 1'-0"

STORM WATER SEWER DIST. NO. 54
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