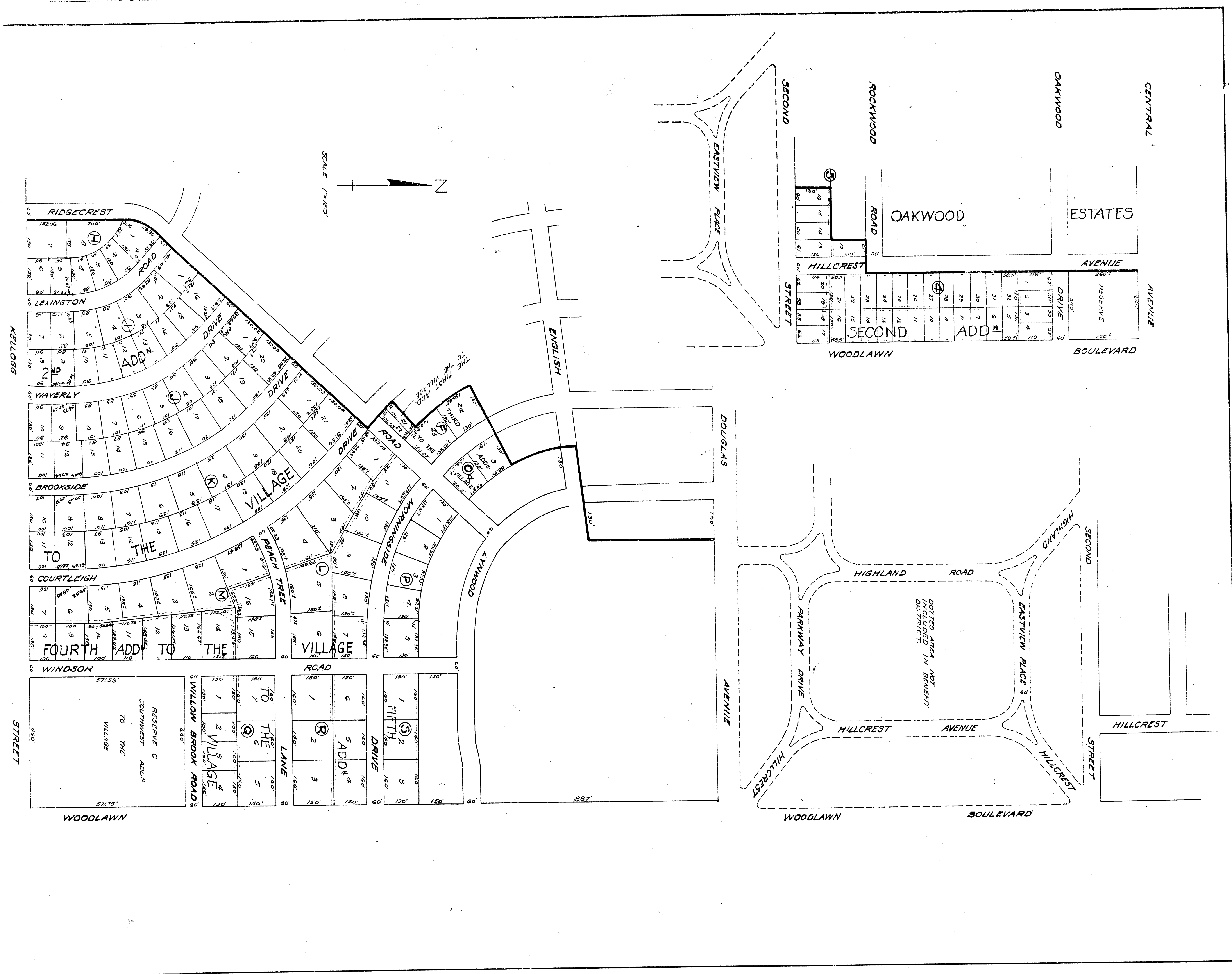
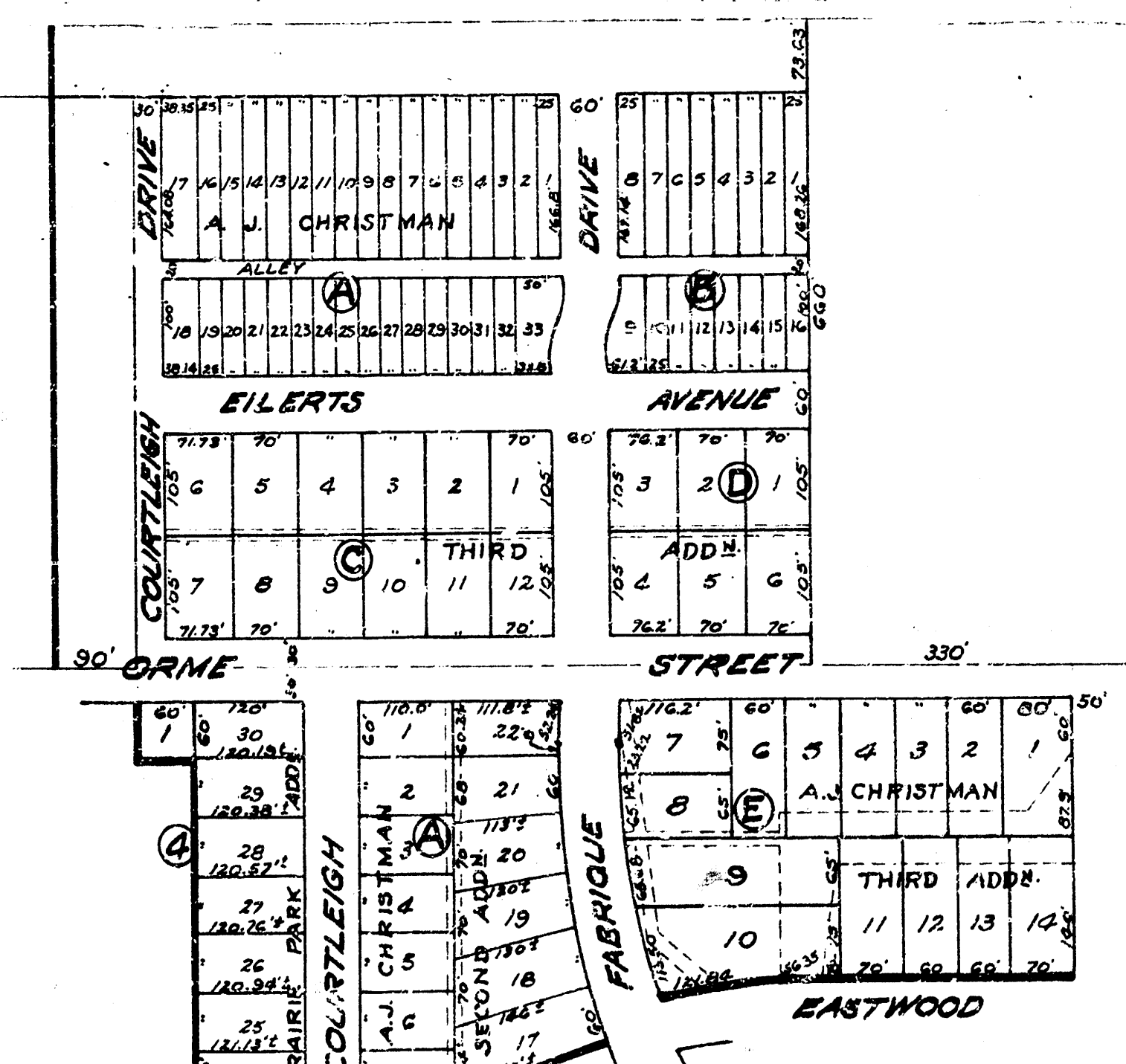
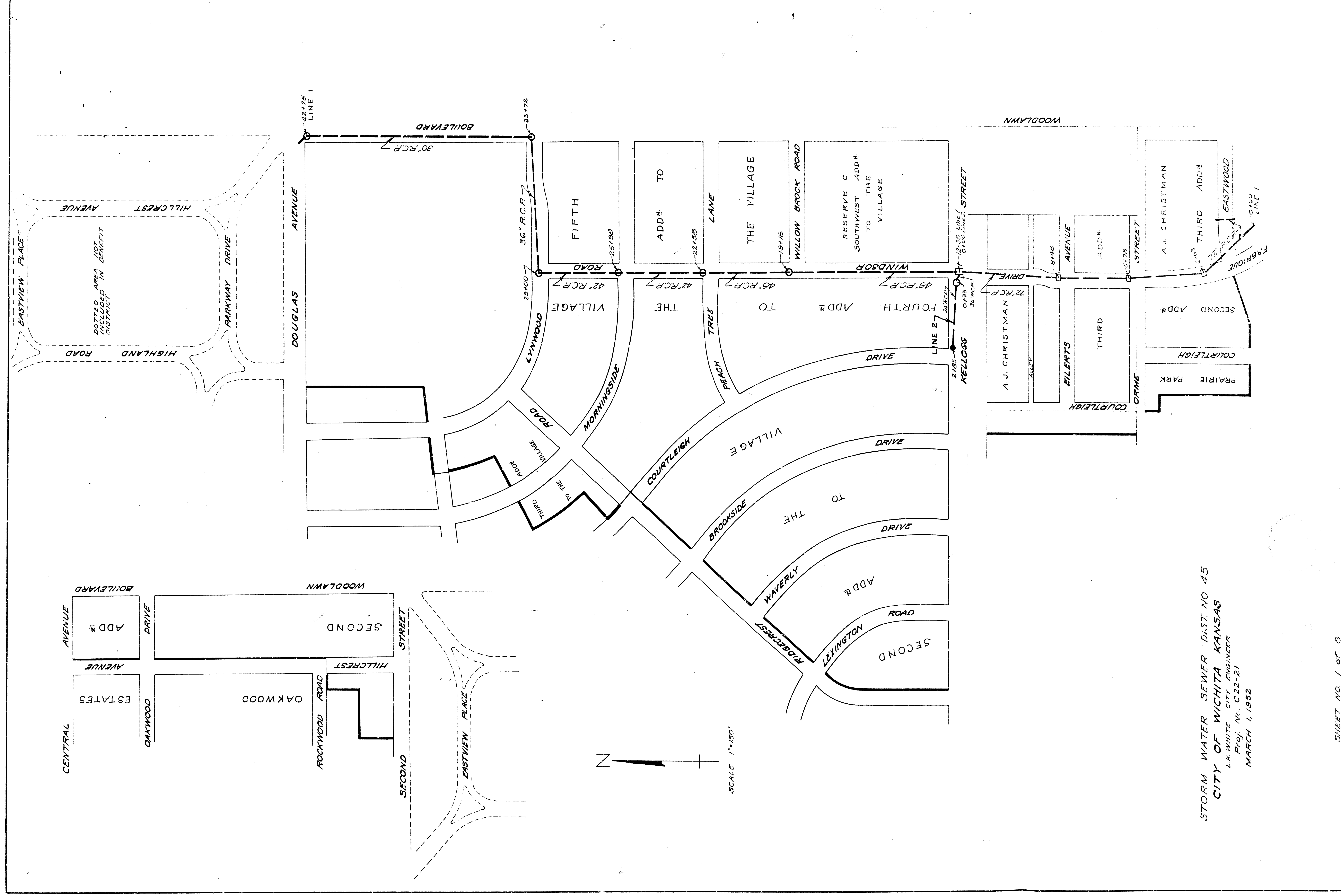




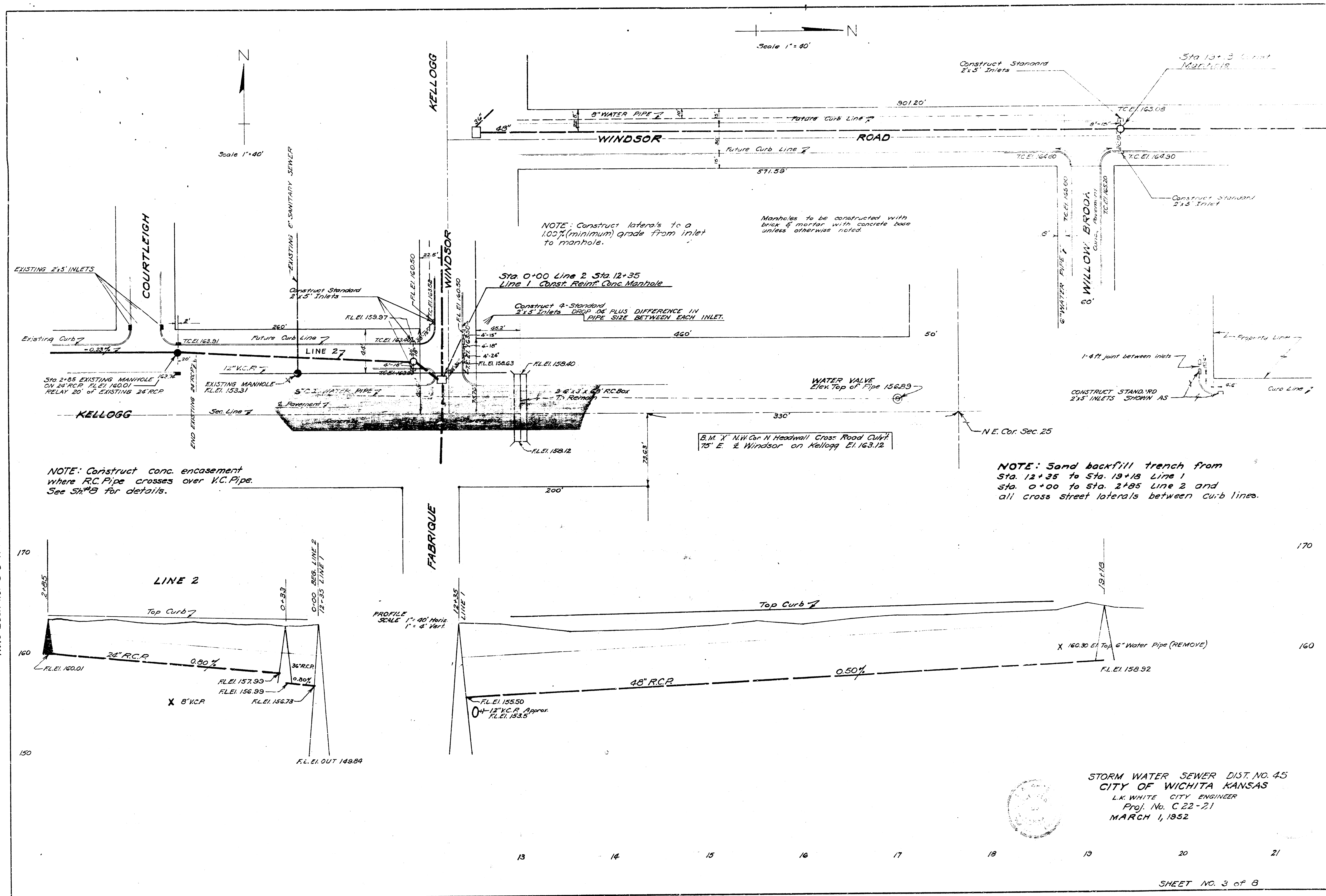
BENEFIT DISTRICT
STORM WATER SEWER DISTRICT
NO. 45
CITY OF WICHITA KANSAS
 PROJECT NO. C 22-21



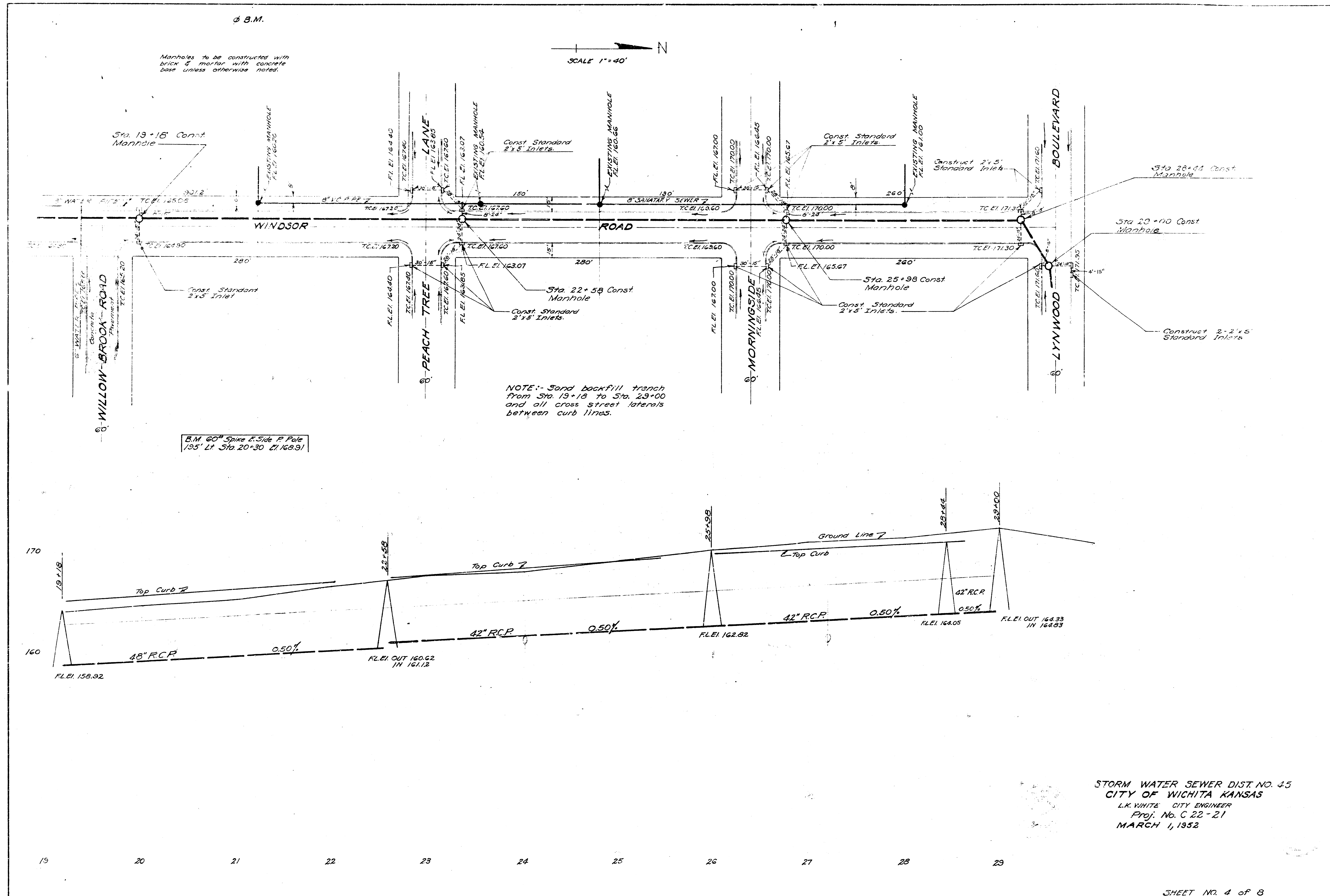


STORM WATER SEWER DIST. NO. 45
CITY OF WICHITA KANSAS
L.K. WHITE CITY ENGINEER
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MARCH 1, 1952

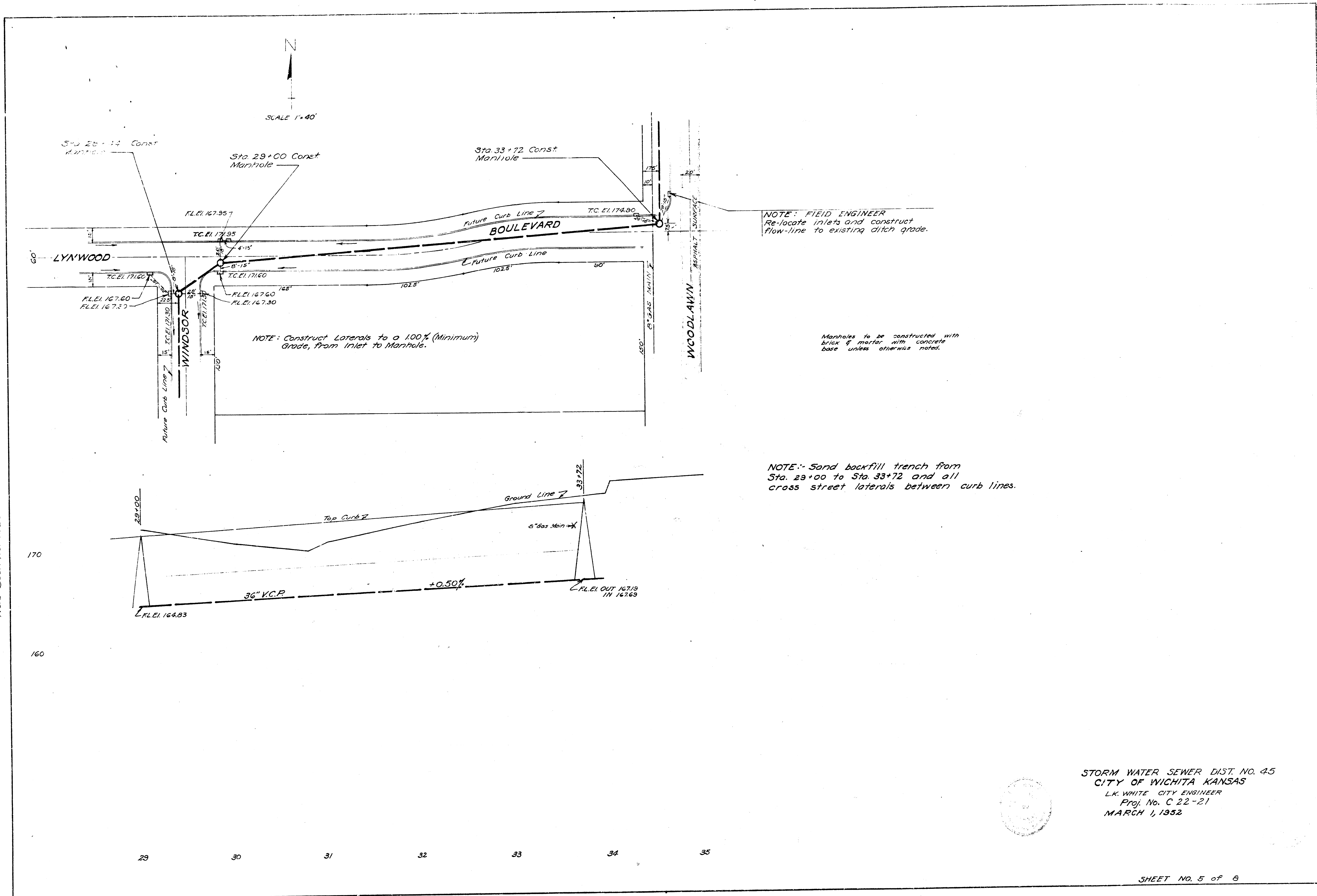
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 Checked by S.3 H.7 M.B.
 Note Book No.



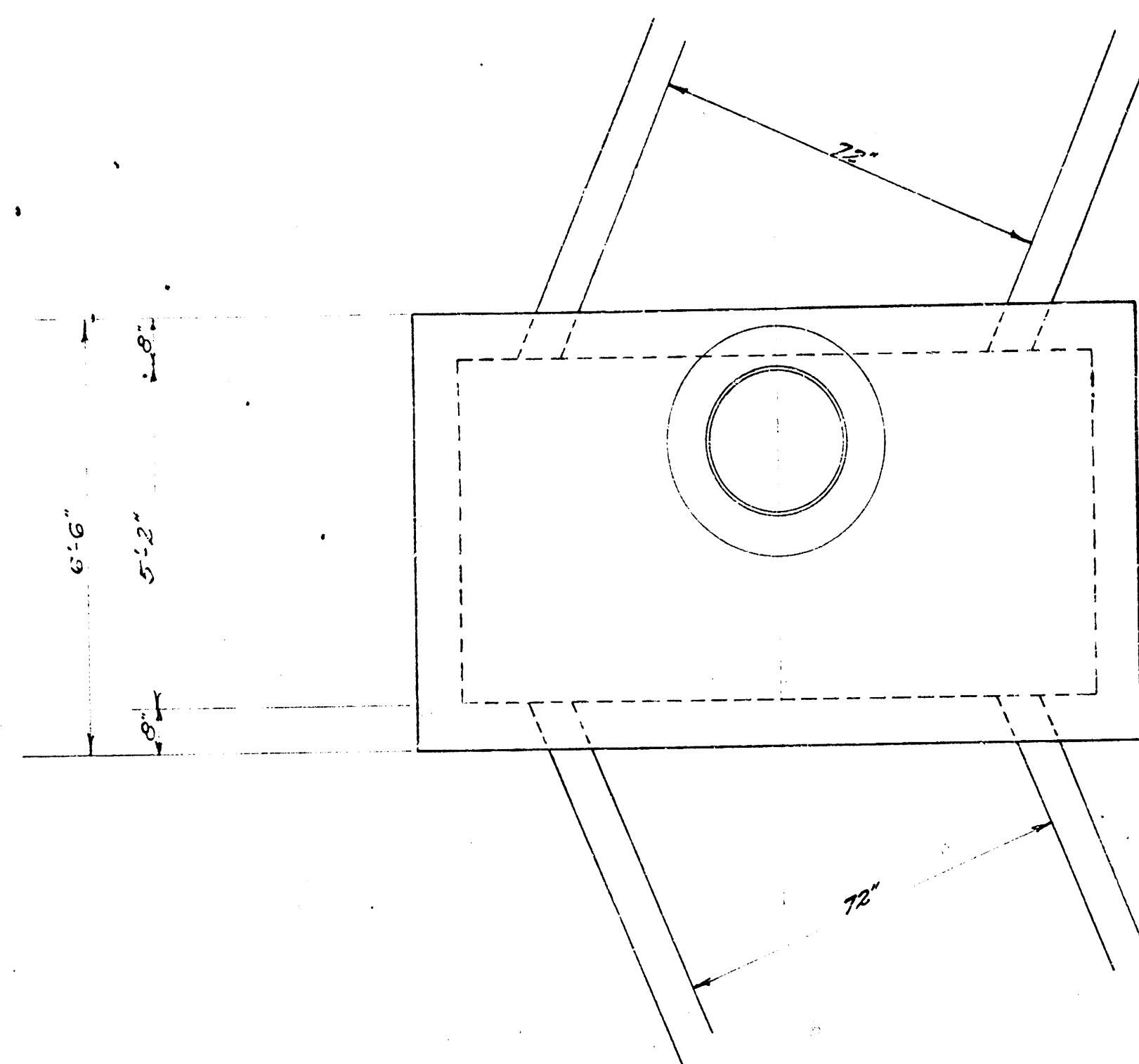
STORM WATER SEWER DIST. NO. 45
 CITY OF WICHITA KANSAS
 L.R. WHITE CITY ENGINEER
 Proj. No. C 22-21
 MARCH 1, 1952



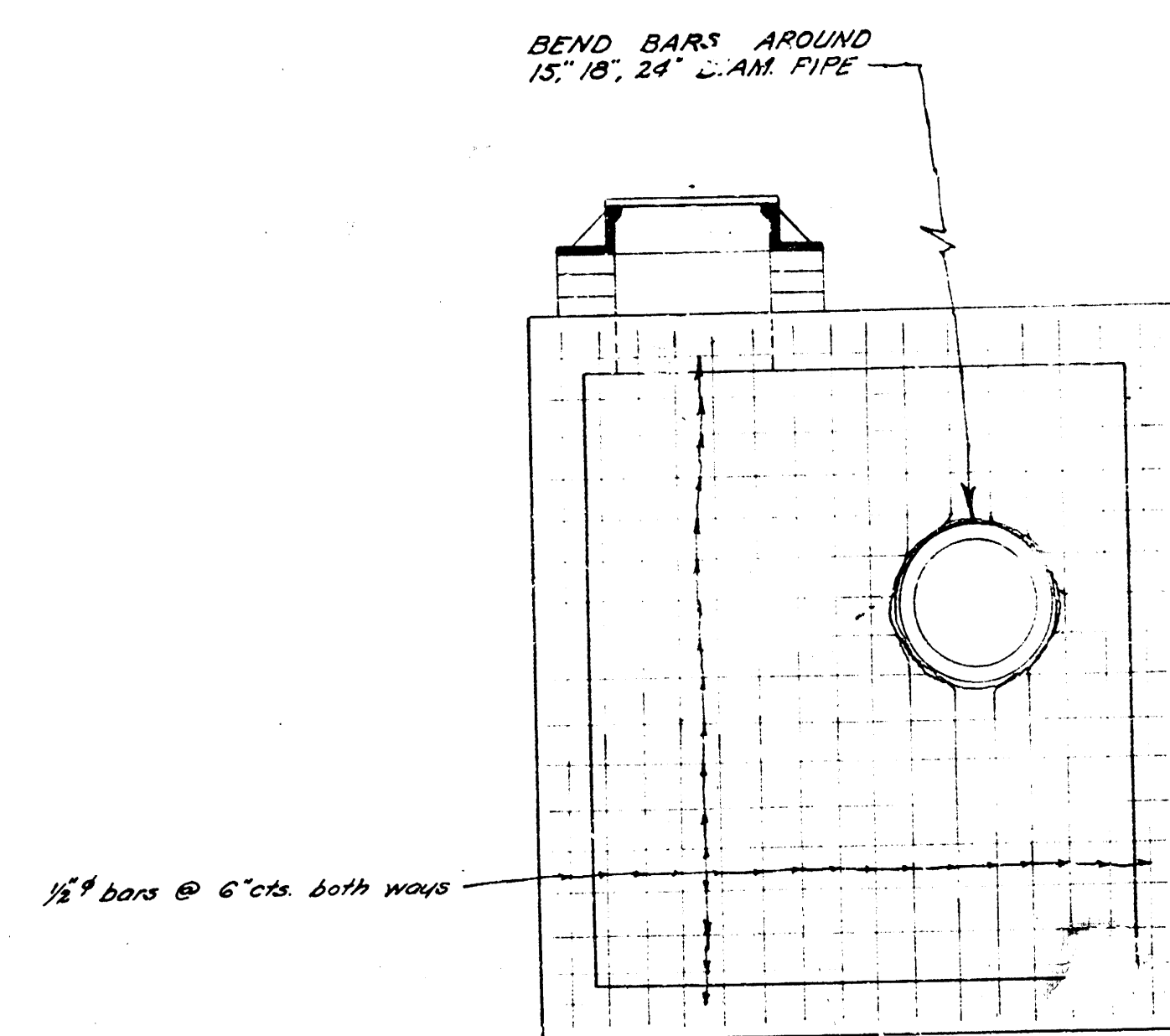
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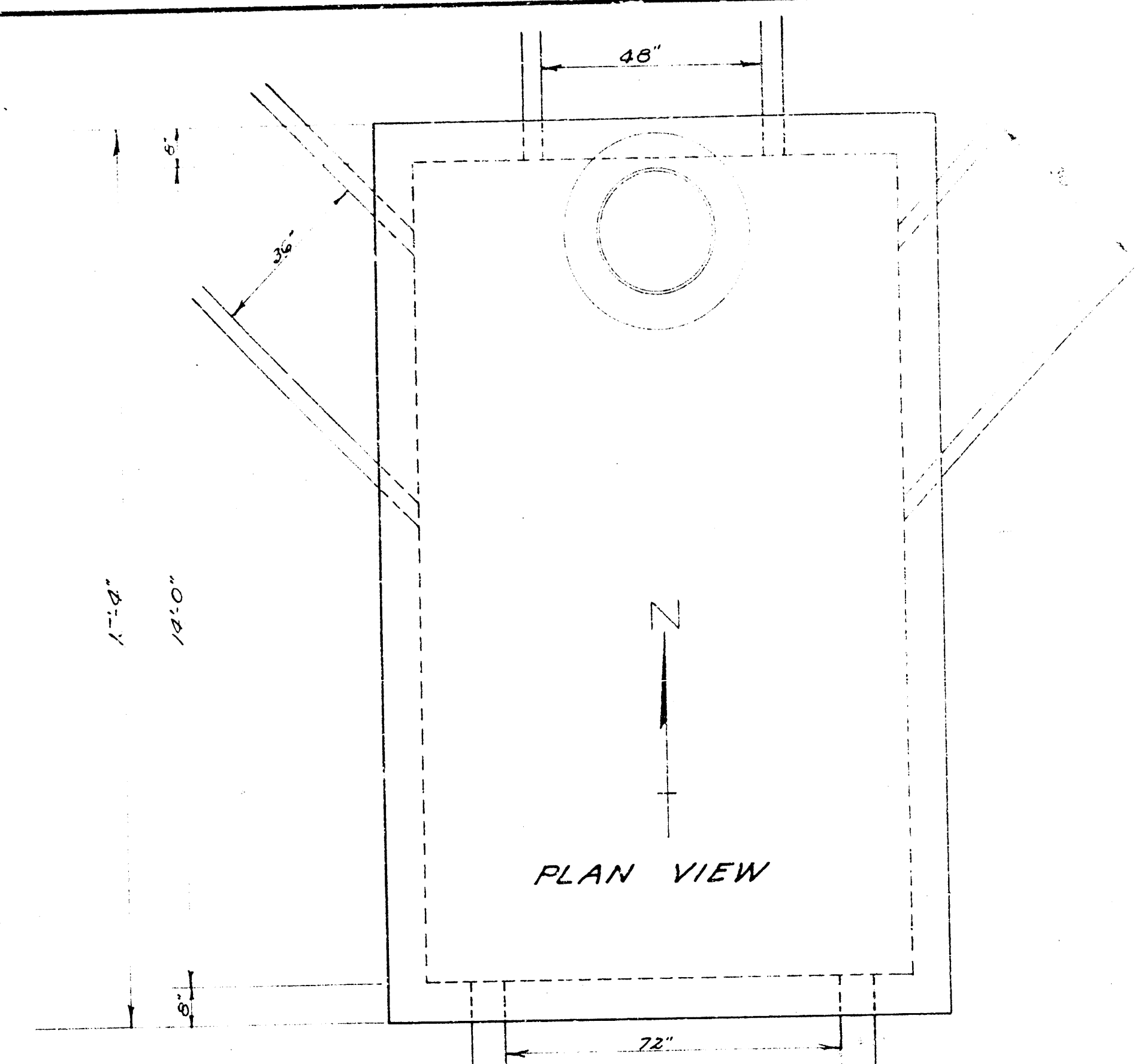
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 CITY OF WICHITA KANSAS
 L.K. WHITE CITY ENGINEER
 Proj. No. C 22-21
 MARCH 1, 1932



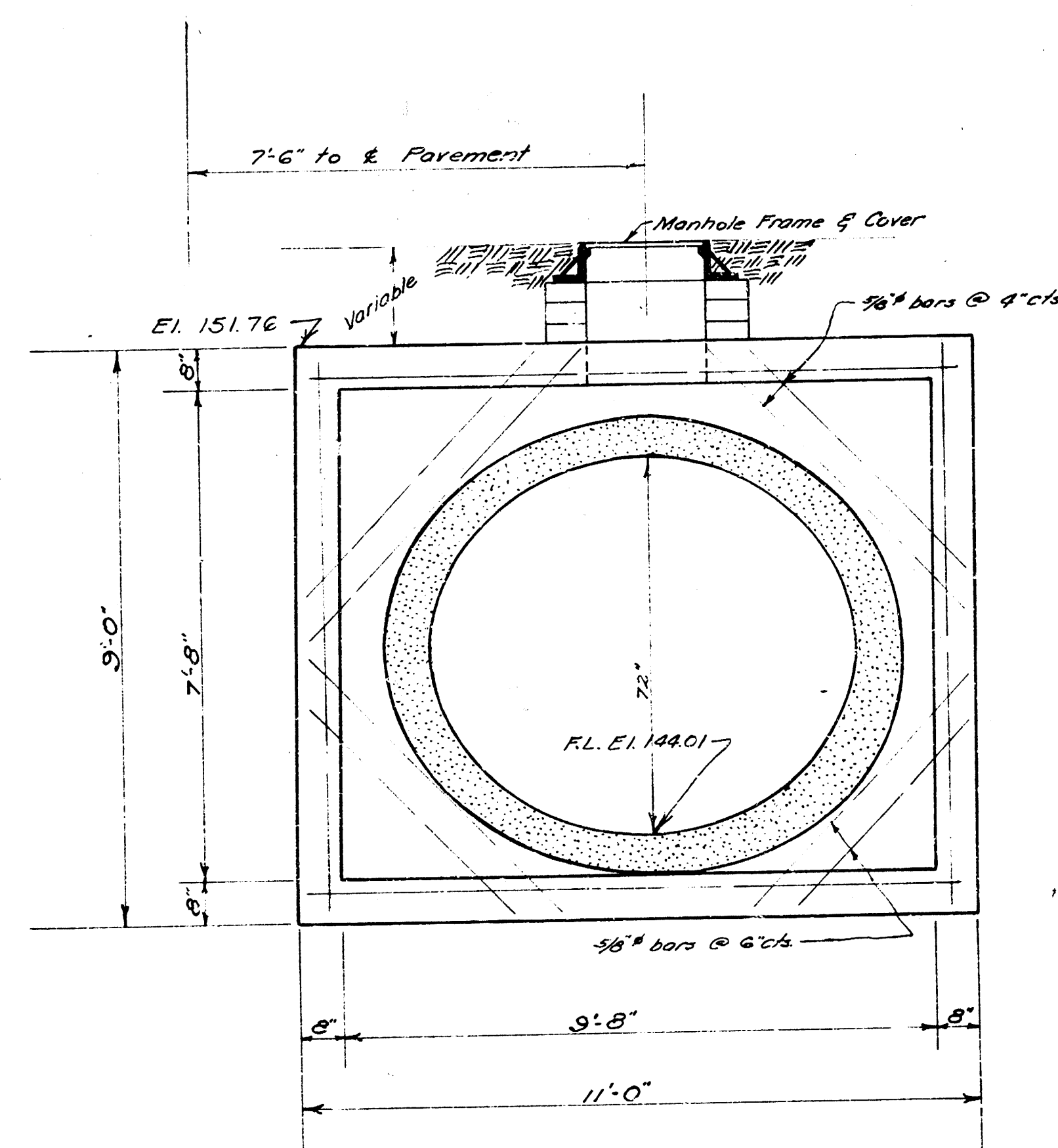
PLAN VIEW



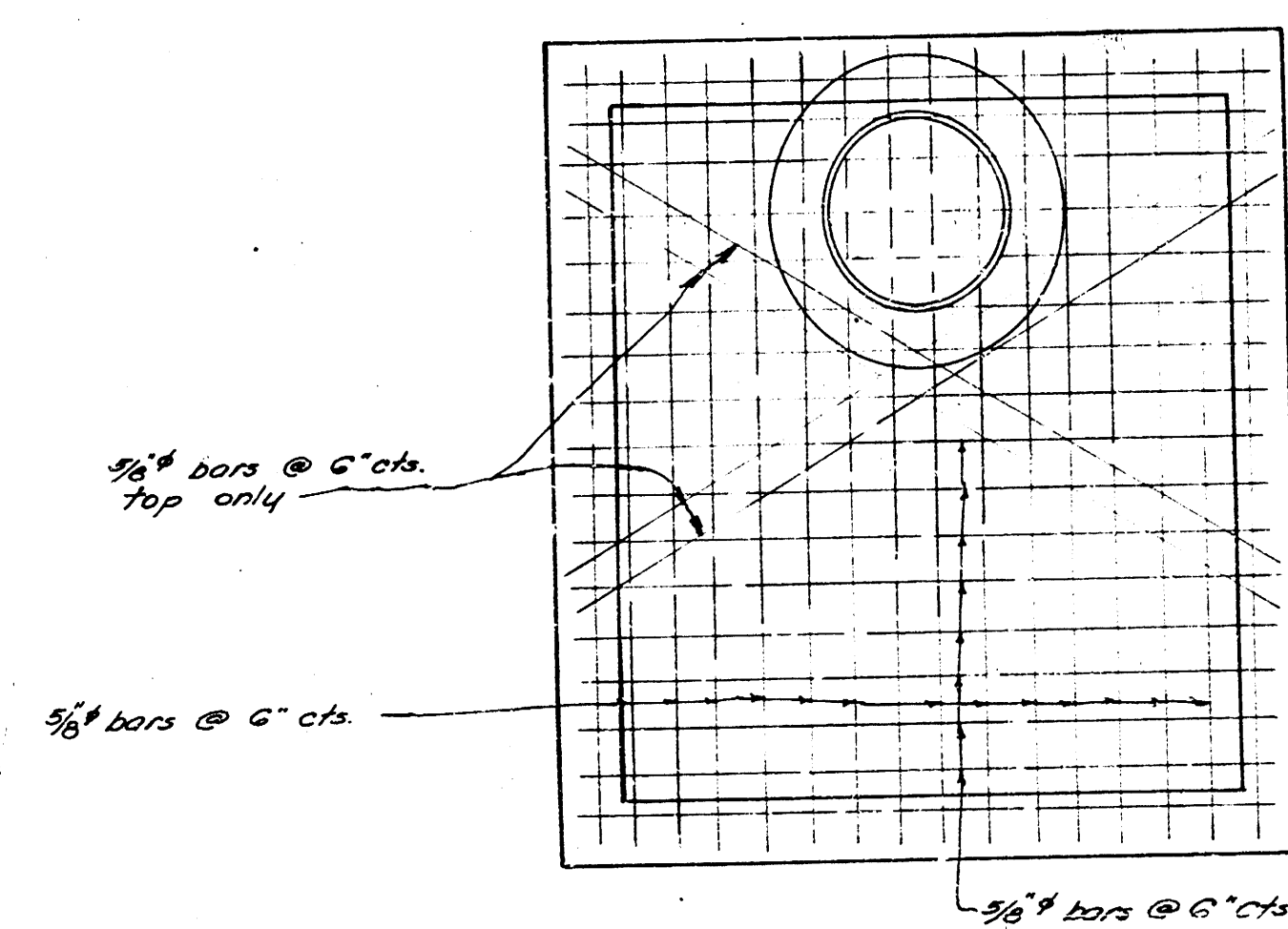
TYPICAL WALL SEC.
STEEL PATTERN



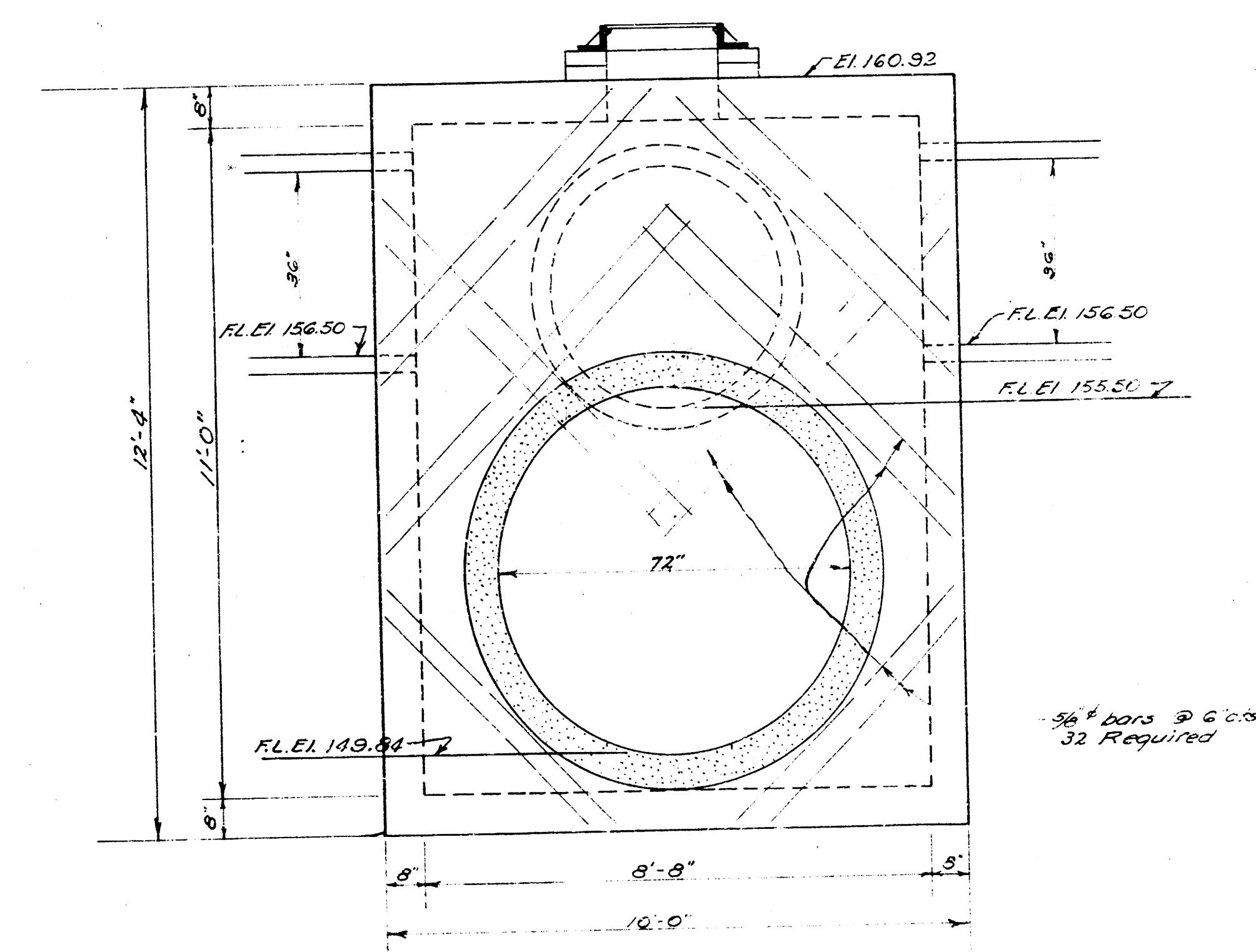
PLAN VIEW



ELEVATION



TYPICAL SEC. TOP & BOTTOM
STEEL PATTERN
No Scale



ELEVATION
TWO END WALLS
REINF. CONC. MANHOLE Sta. 12+35 Line 1
Sta. 0+00 " 2
Scale 1/8" = 1'-0"

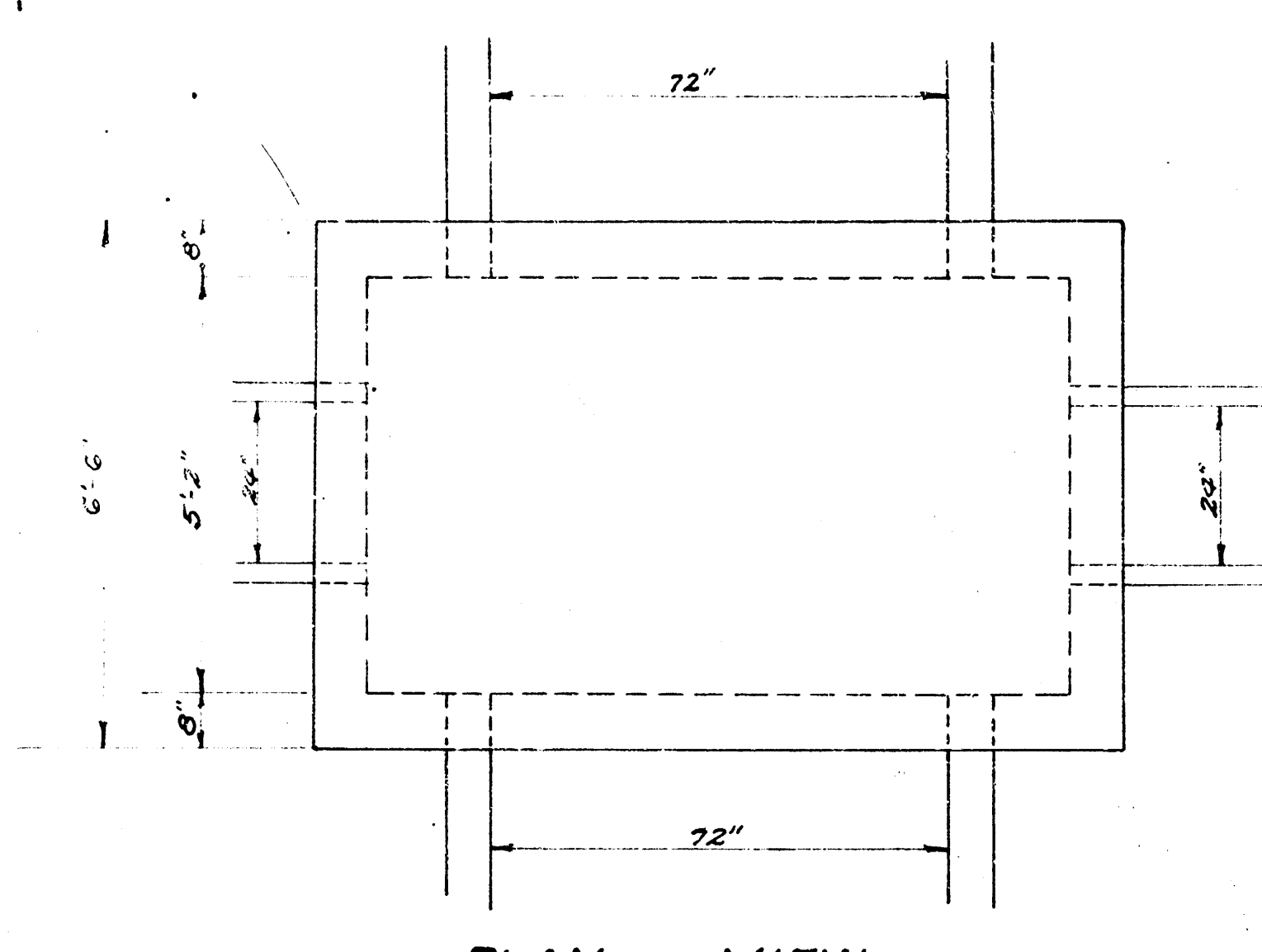
REINF. CONC. MANHOLE DETAIL
Sta. 2+63 Line 1
Scale 1/8" = 1'-0"

Concrete for manholes shall contain not less than 165 lbs. of cement per cu. yd. of conc. 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 and the most workable mixture.

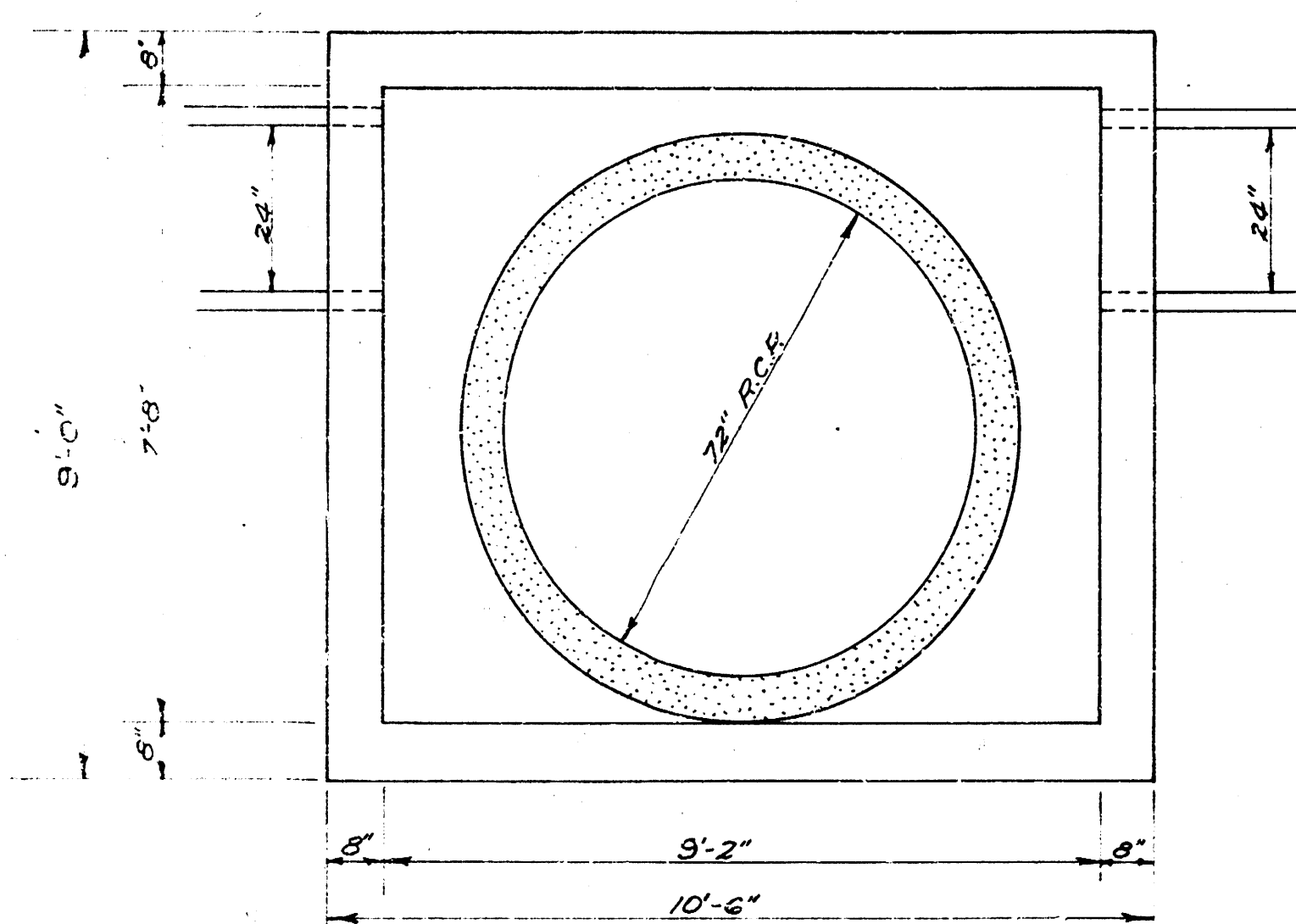
IN GENERAL: Pipes will enter and leave the manhole at various angles and elevations. Where possible bend reinforcing bars around pipes. Where pipes are large, use 3/8" diagonal bars as shown. The floor of the manhole is to be sloped for flow and drainage with conc. No deductions in conc. quantities shall be made for pipe openings. No addition in conc. quantities shall be made for shaping manhole floor. An internal vibrator is to be used for placing concrete.

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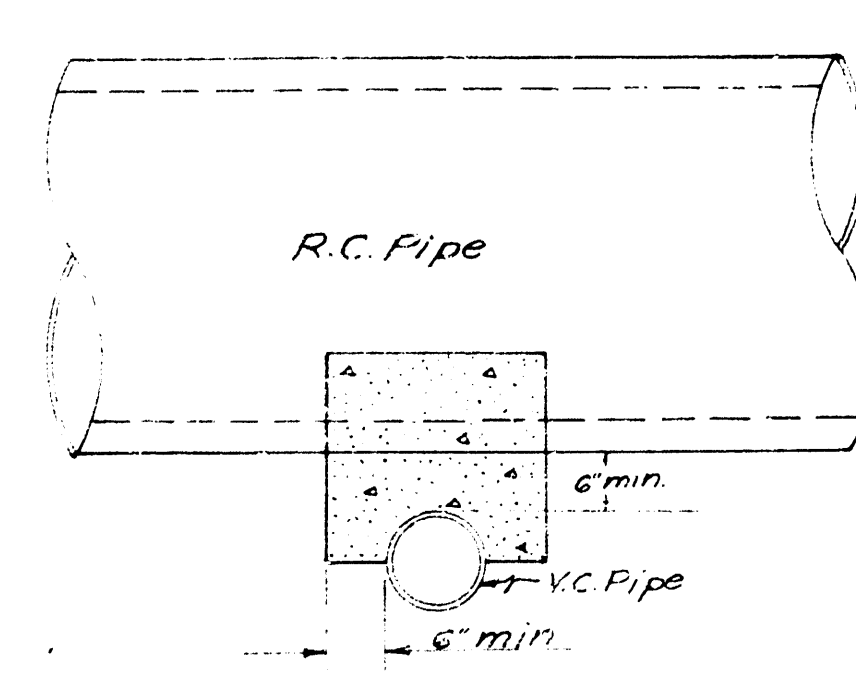
SHEET NO. 7 of 8



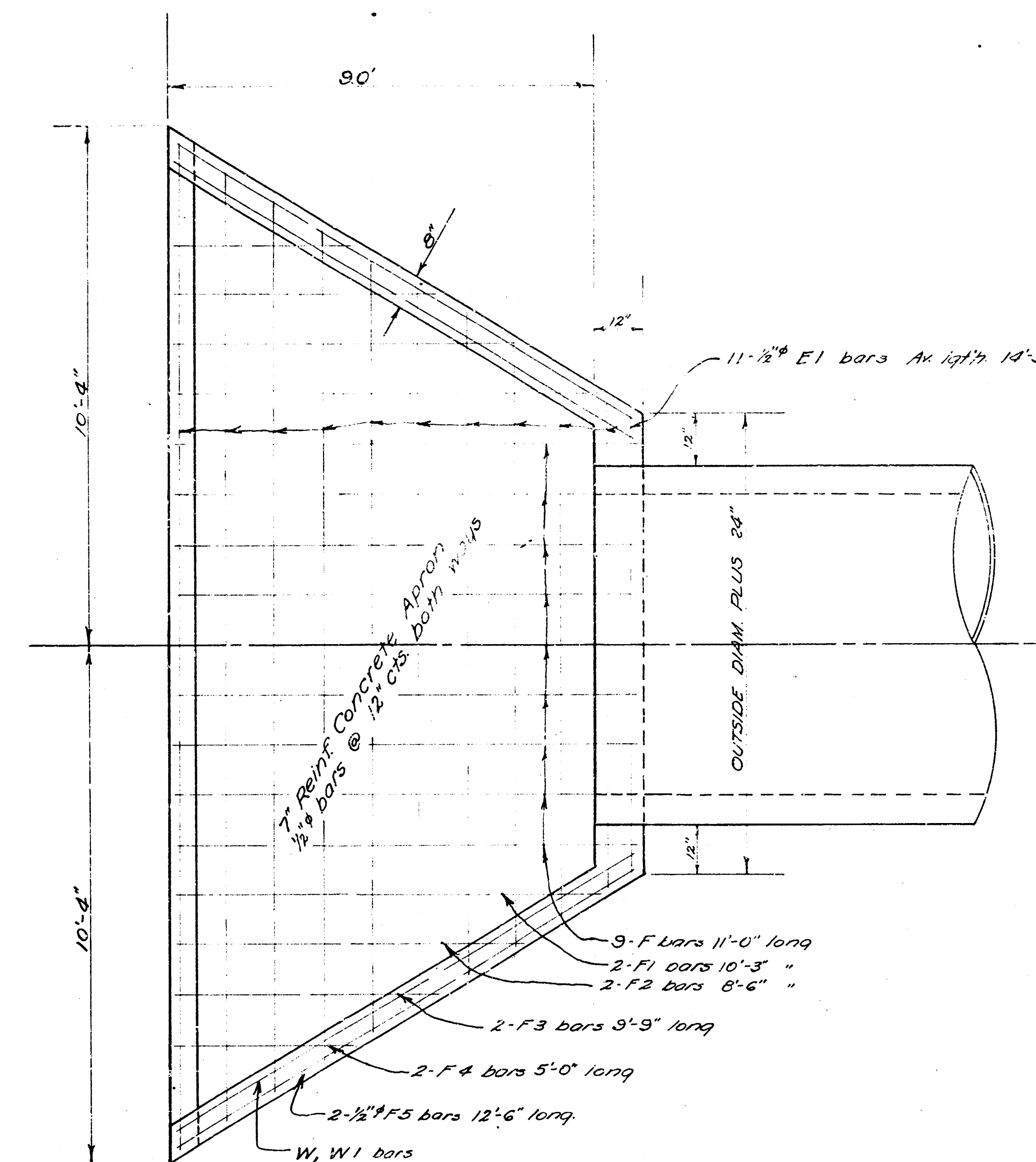
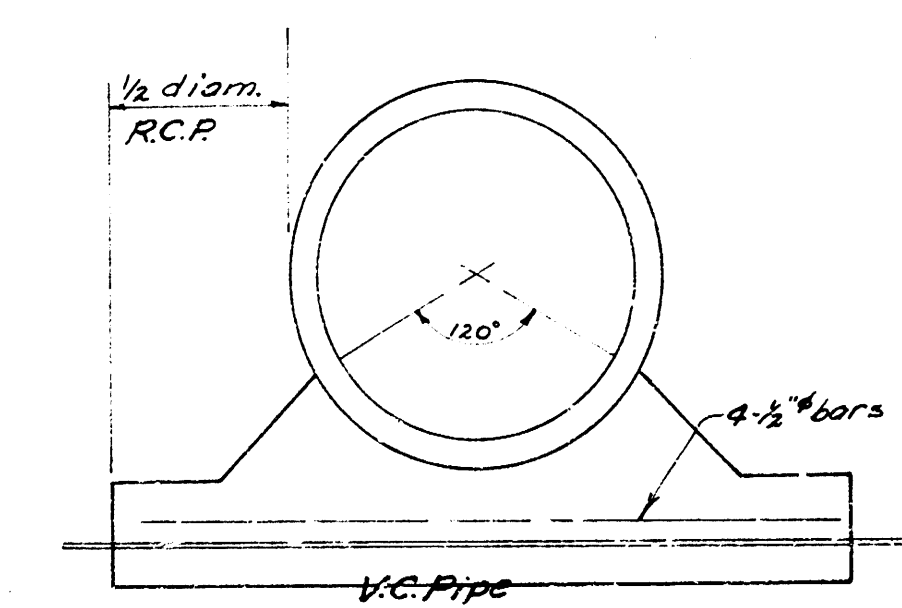
PLAN VIEW



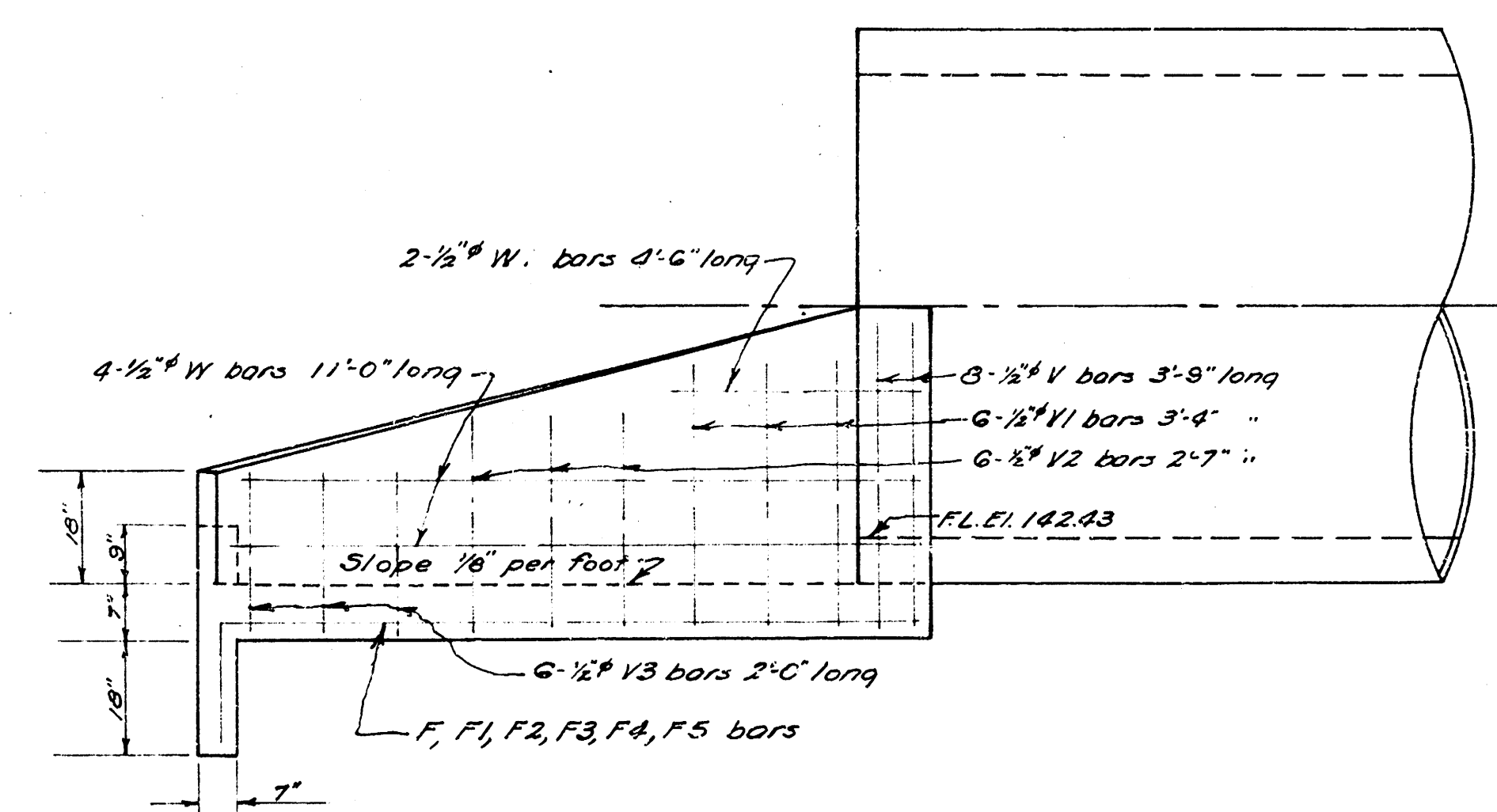
ELEVATION
TWO END WALLS
REINF. CONC. MANHOLE DETAIL
Sta. 5+78 Line 1
Sta. 8+48 " 1



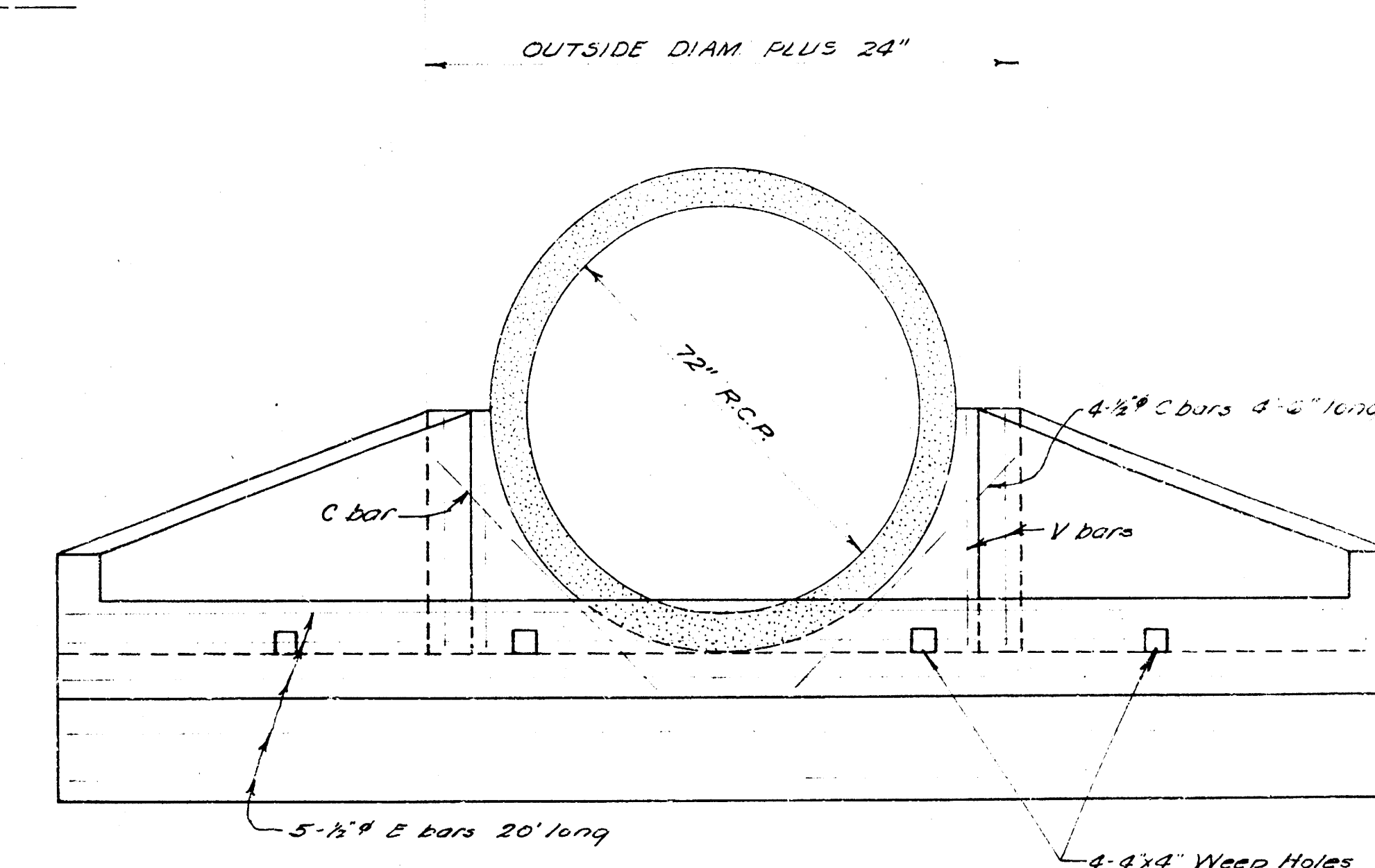
CONCRETE ENCASEMENT DETAIL
No Scale



PLAN VIEW



ELEVATION



END VIEW

OUTFALL STRUCTURE
SCALE 1/2" = 1'

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