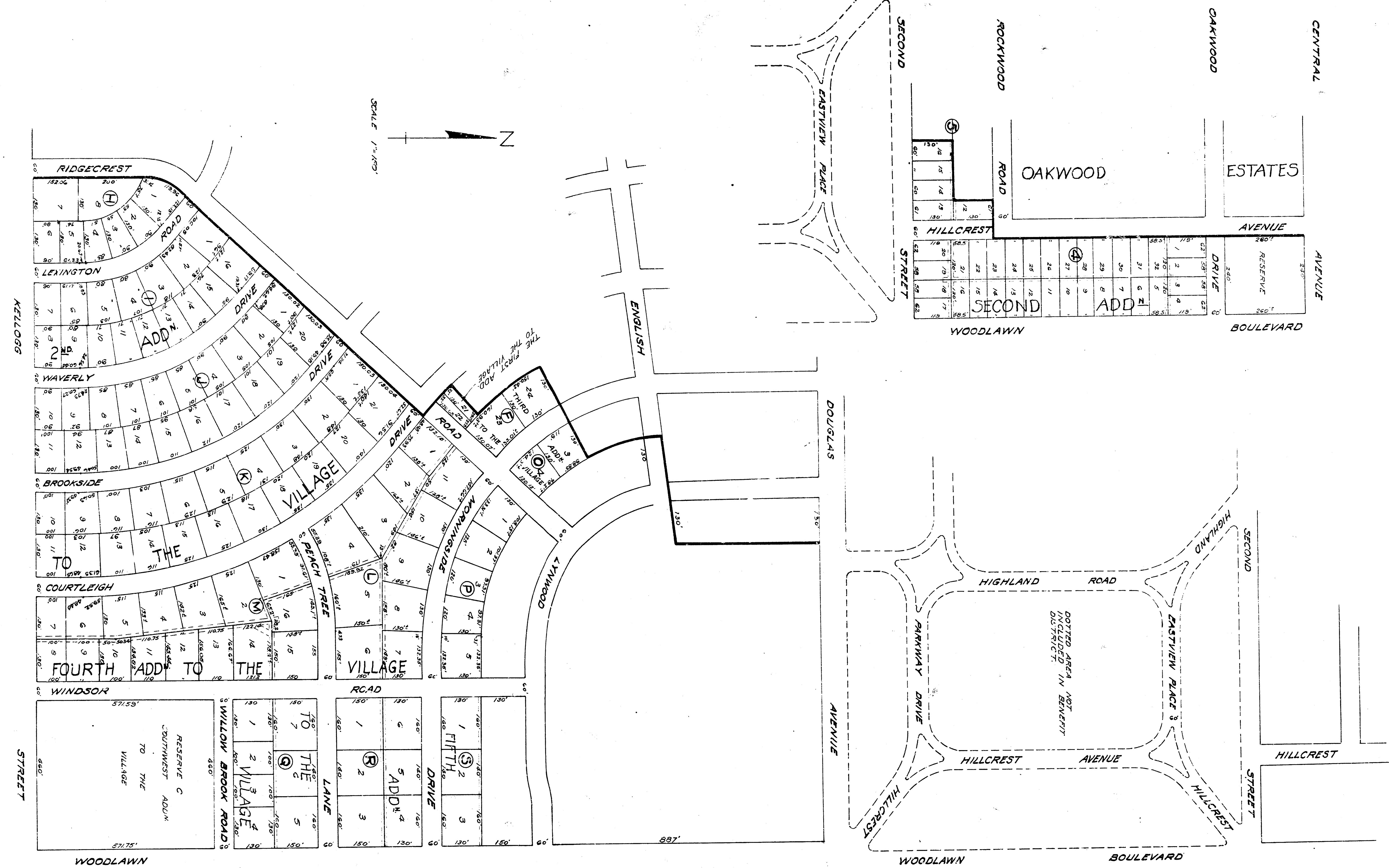
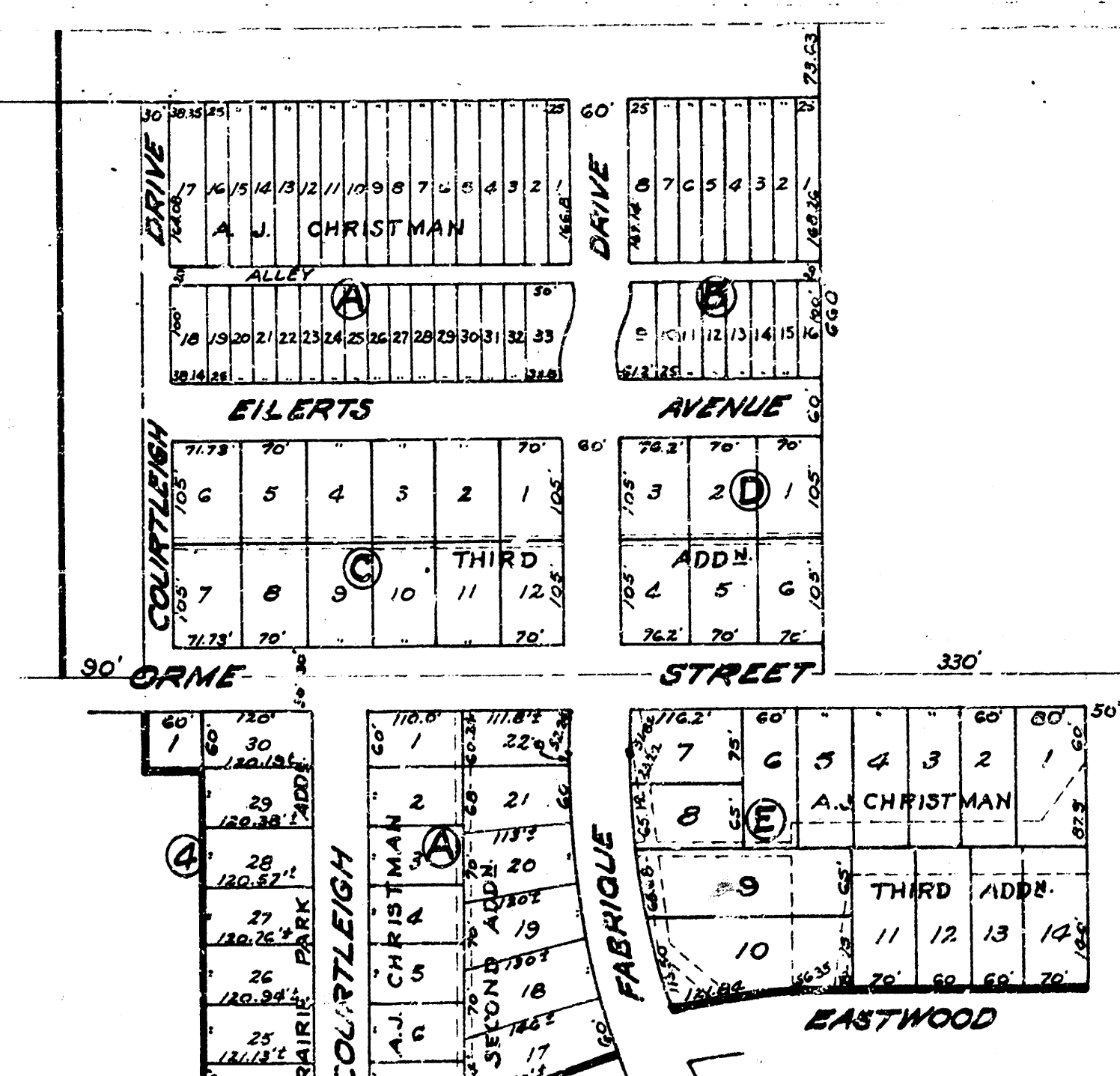
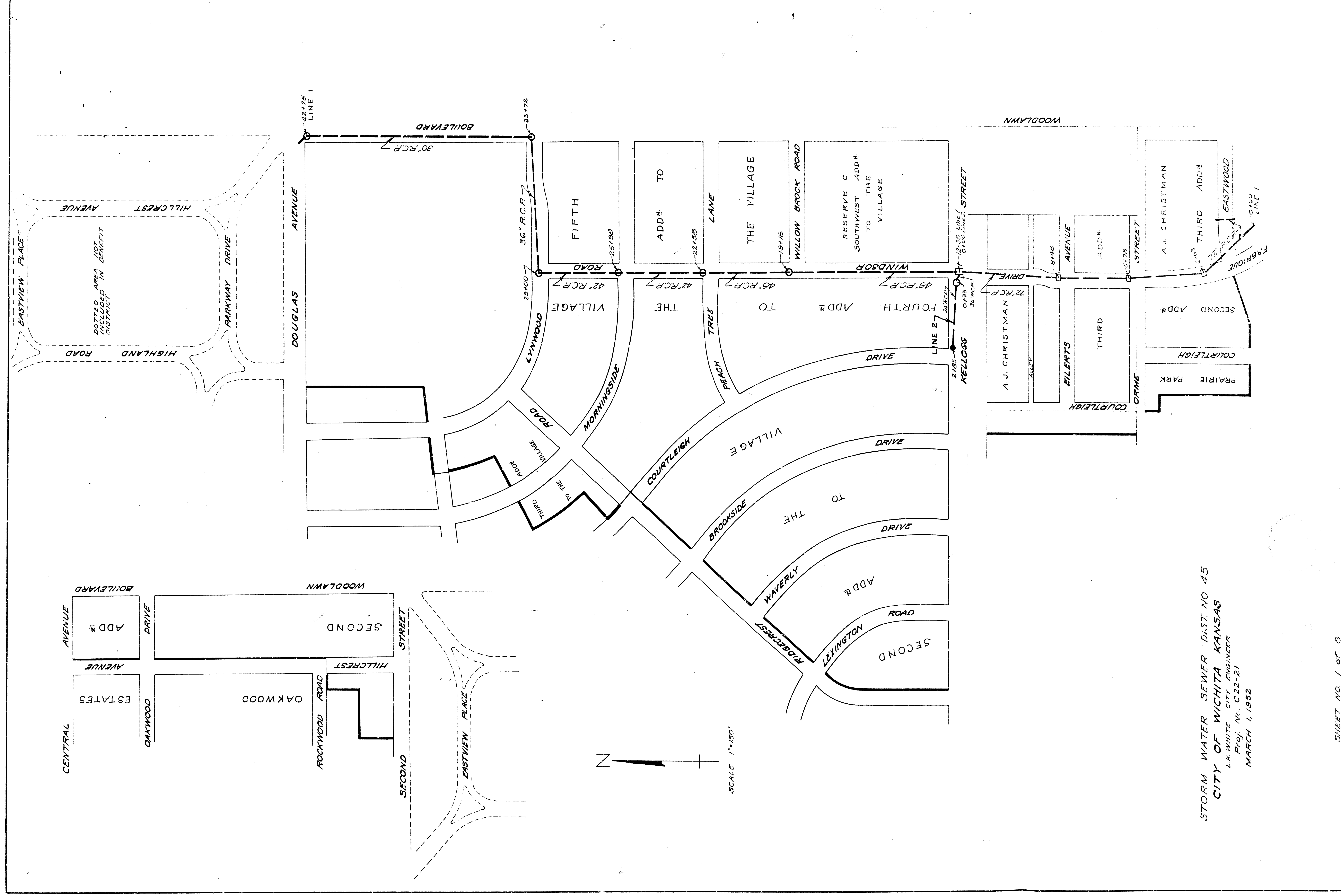


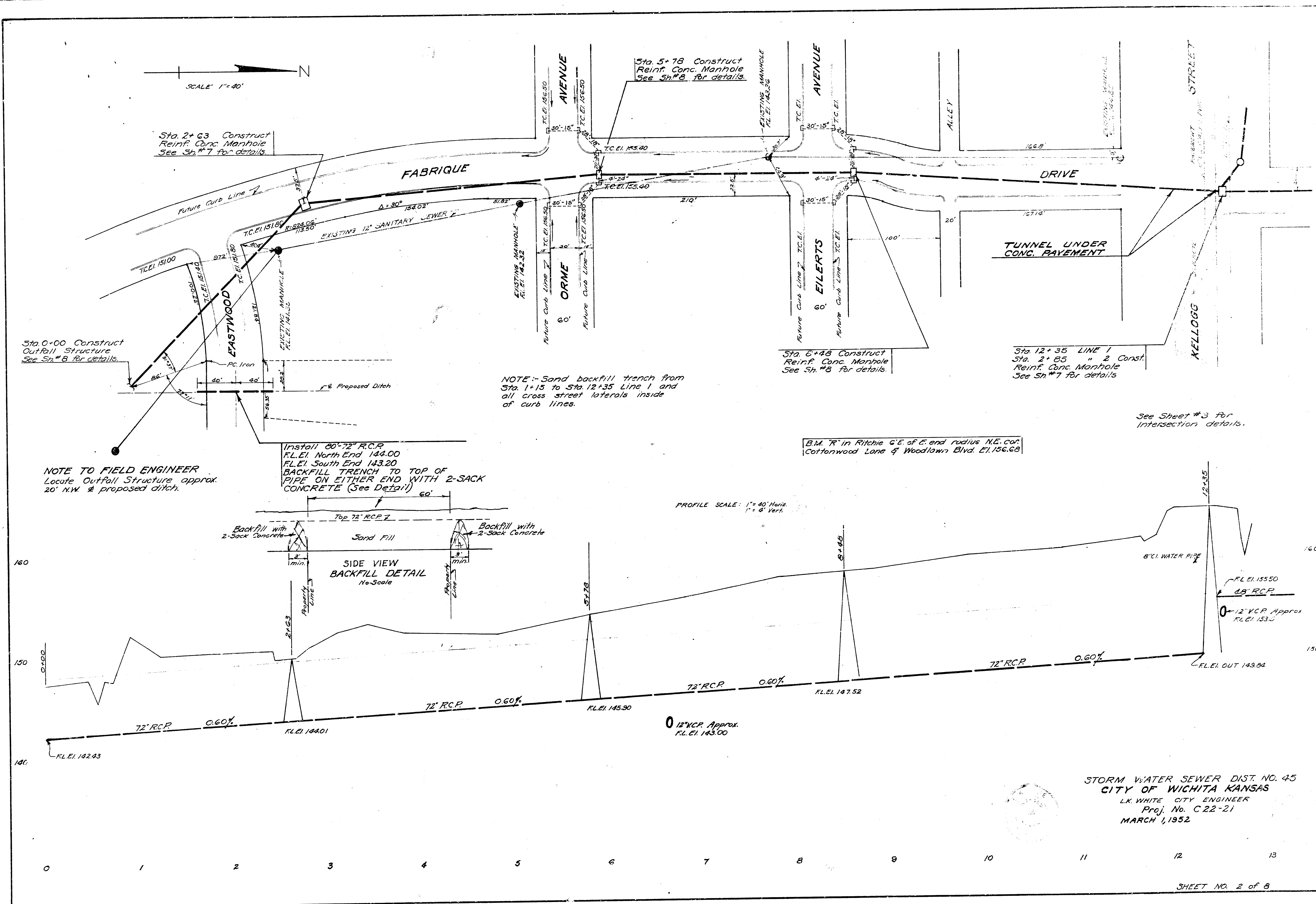


*BENEFIT DISTRICT
STORM WATER SEWER DISTRICT
NO. 45
CITY OF WICHITA KANSAS
PROJECT NO. C-22-21*

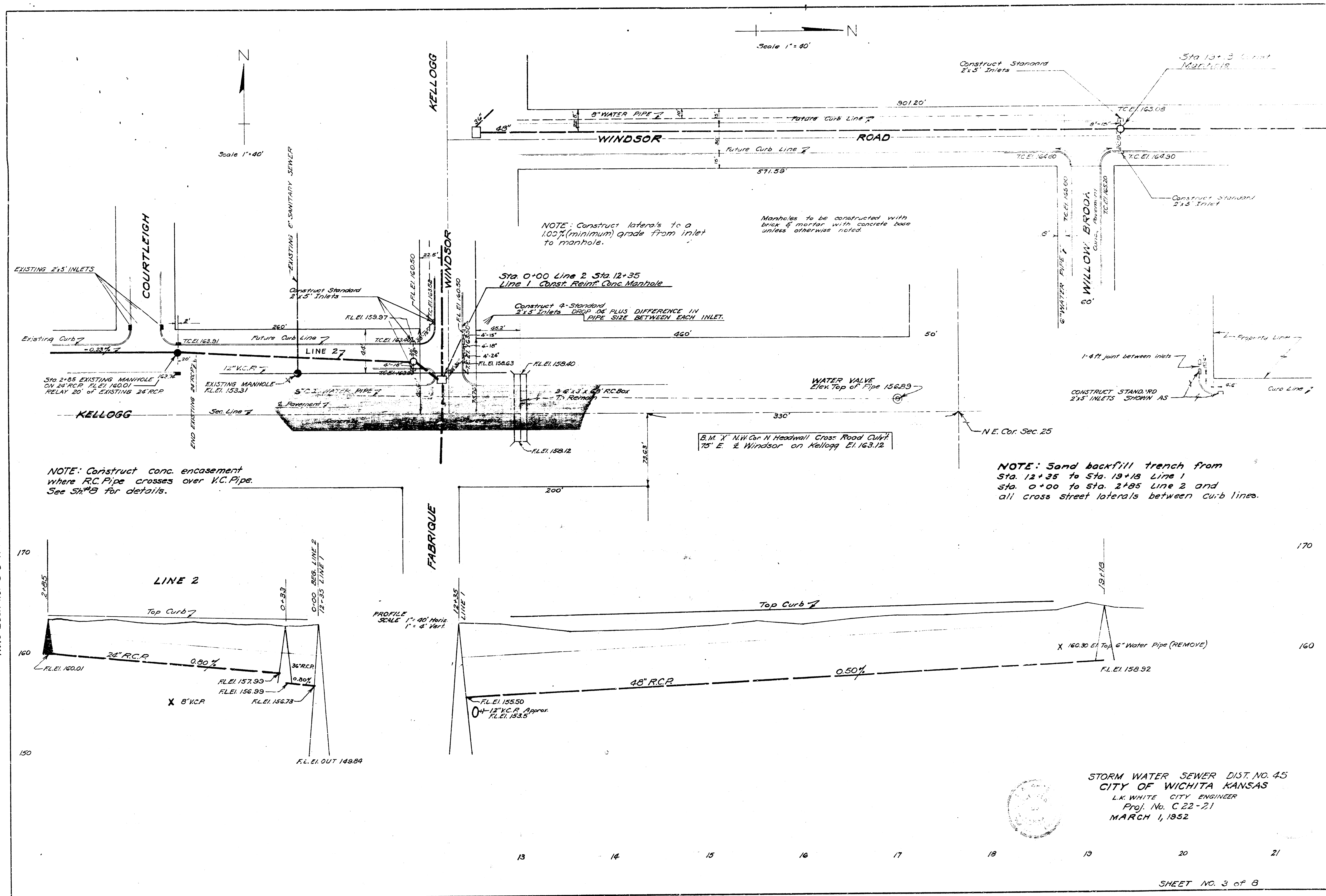


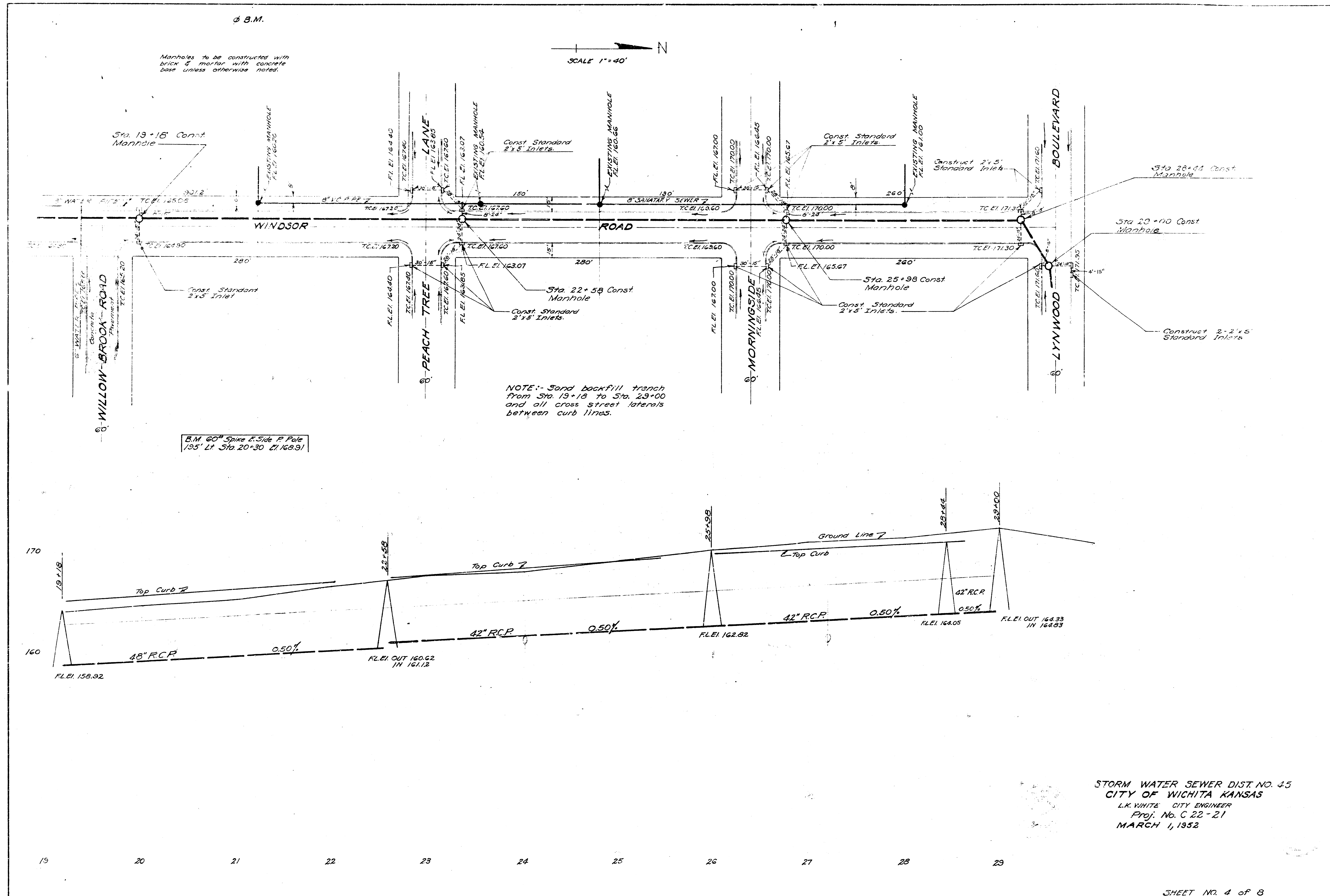


STORM WATER SEWER DIST. NO. 45
CITY OF WICHITA KANSAS
L.K. WHITE CITY ENGINEER
Proj. No. C22-21
MARCH 1, 1952

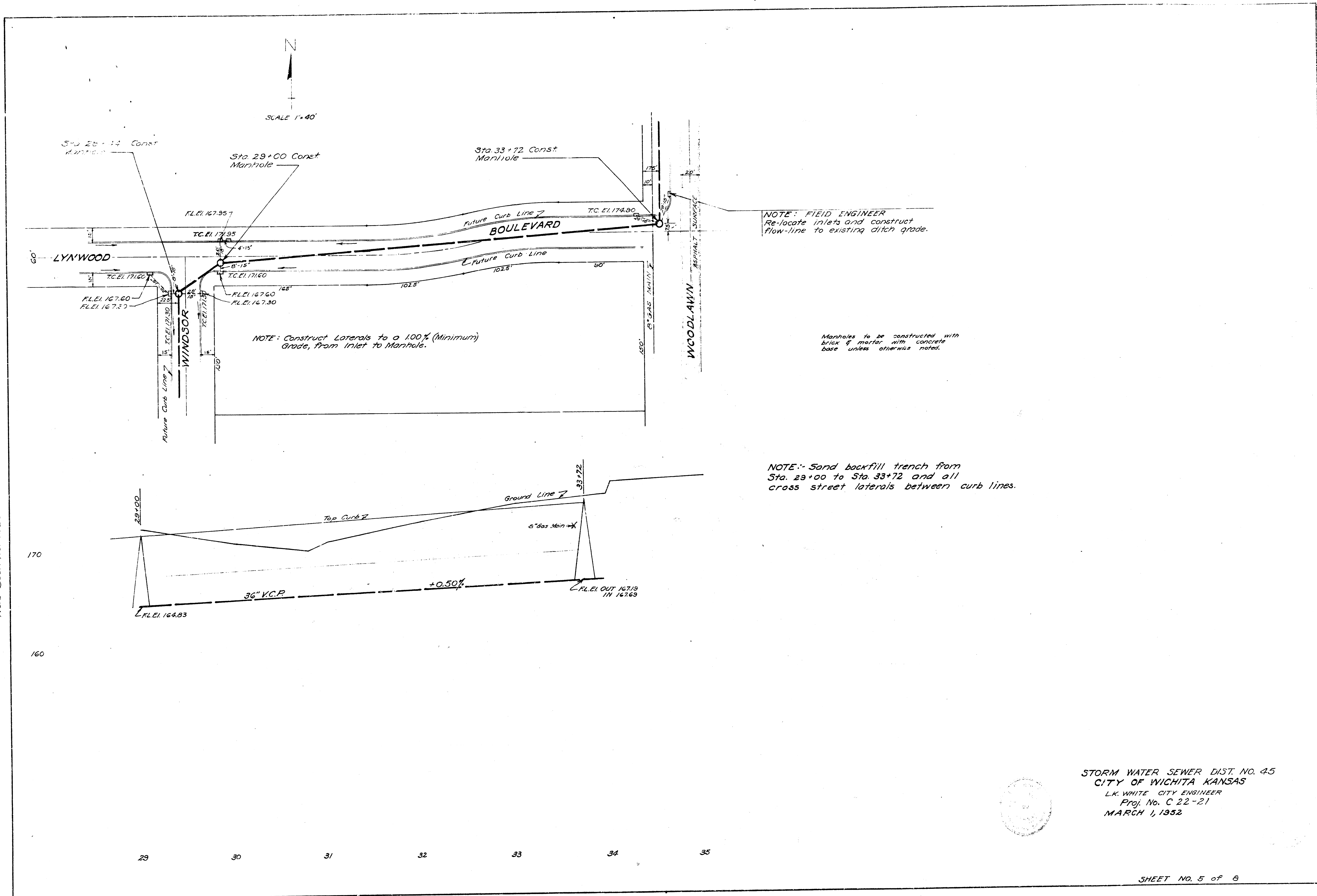


Date Drawn by J.L.A.
 Checked by S.3 H.7 M.B.
 Note Book No.

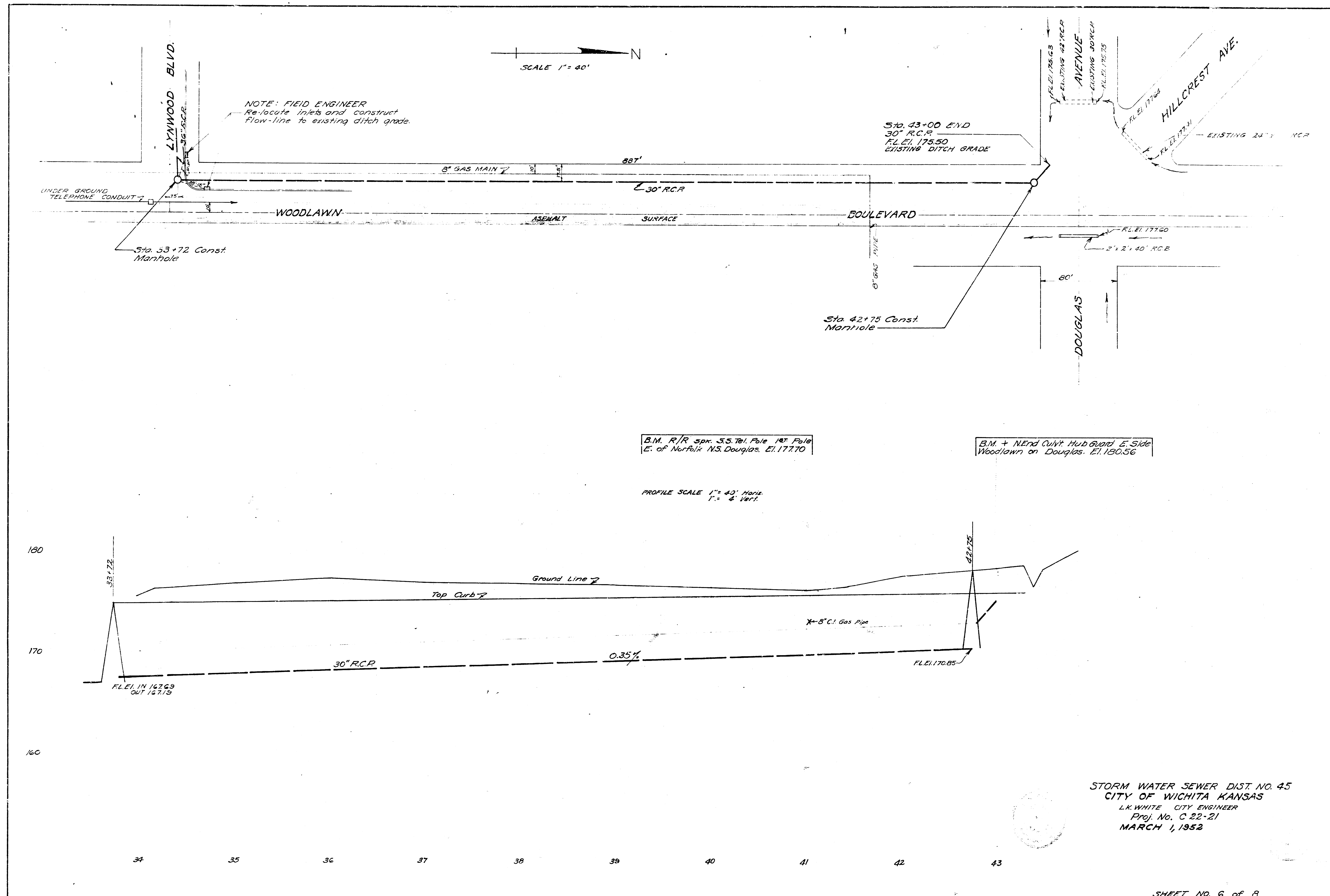


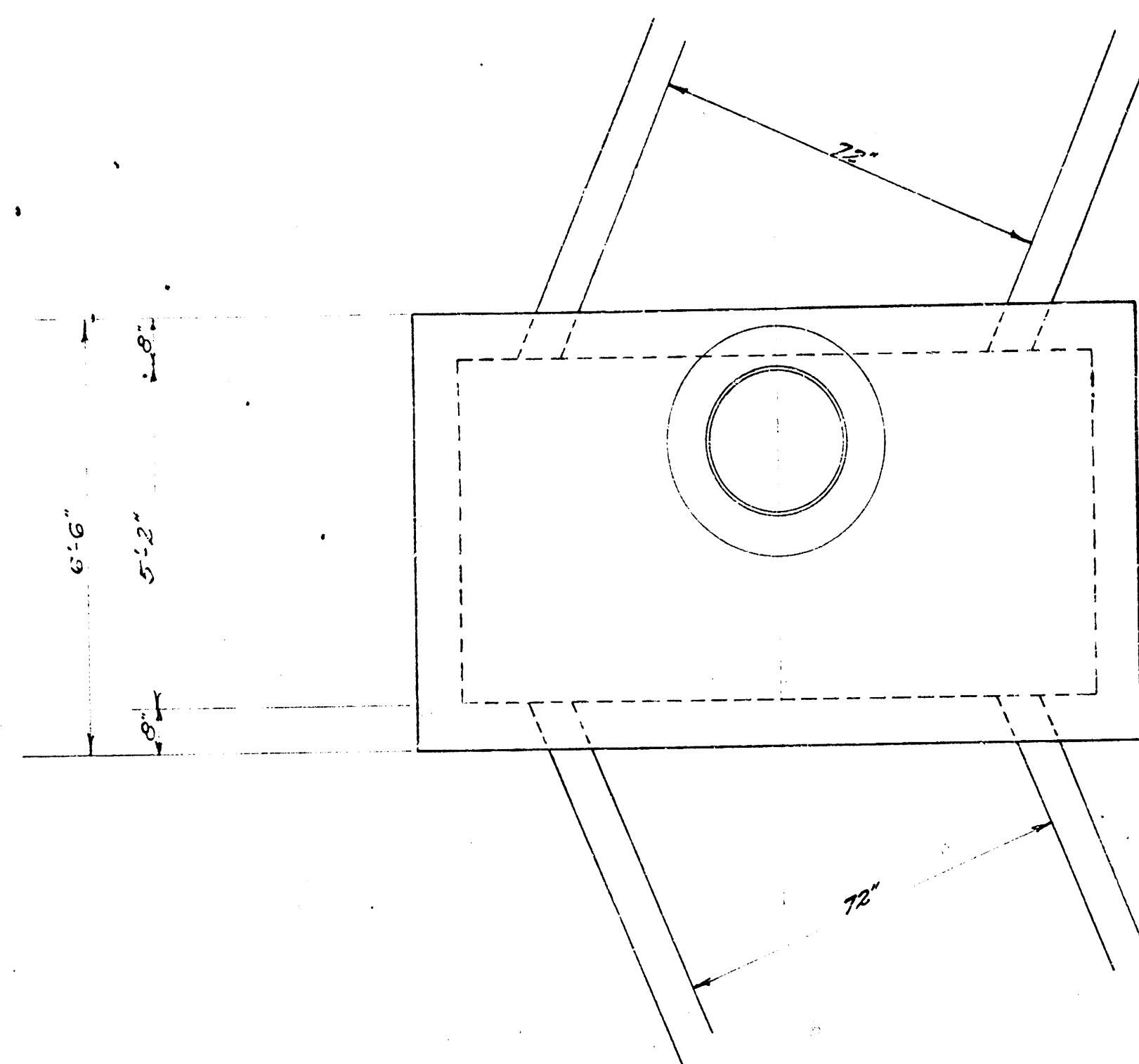


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 Checked by:
 Note Book 16, 17, 25

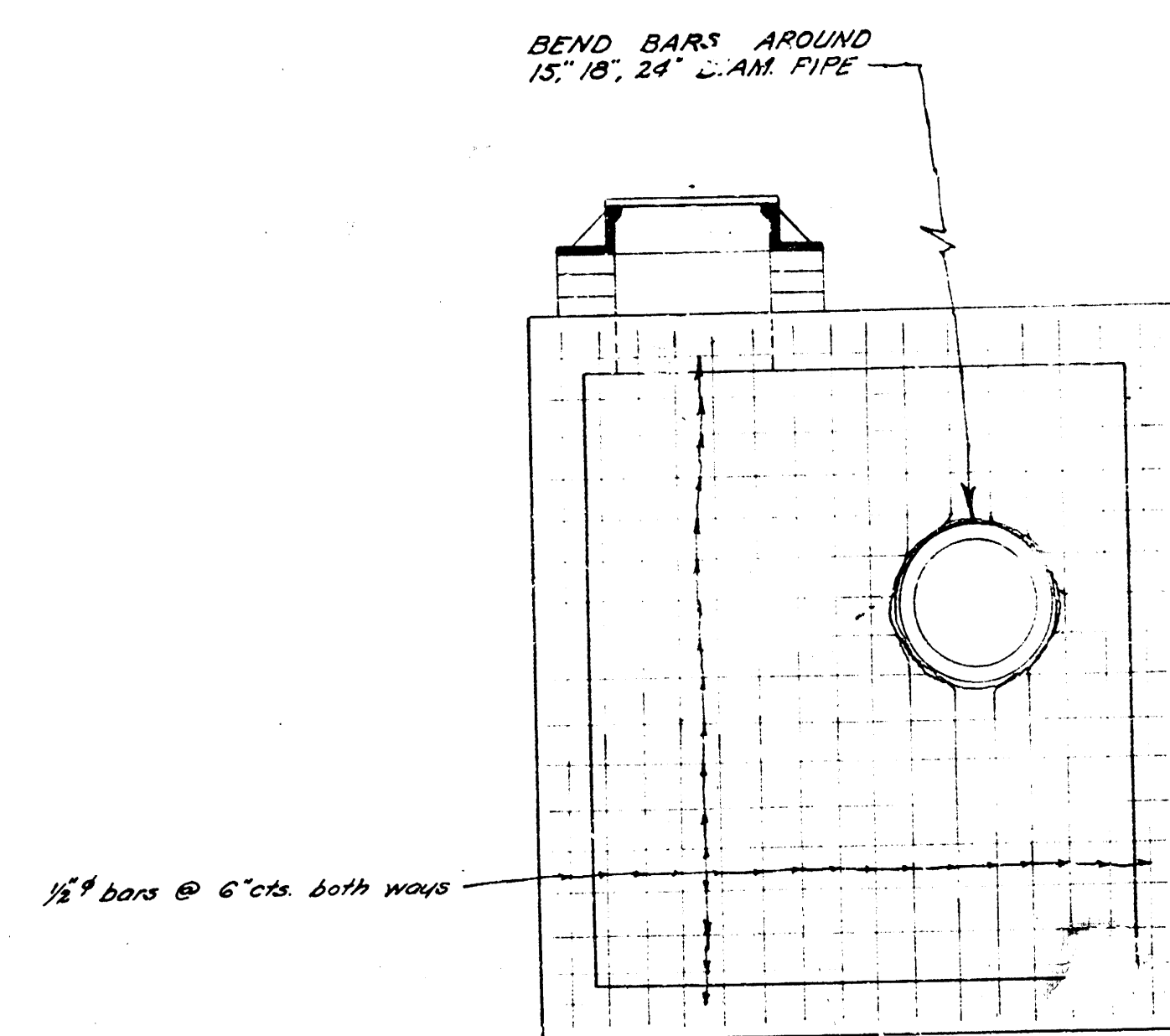


STORM WATER SEWER DIST. NO. 45
 CITY OF WICHITA KANSAS
 L.K. WHITE CITY ENGINEER
 Proj. No. C 22-21
 MARCH 1, 1932

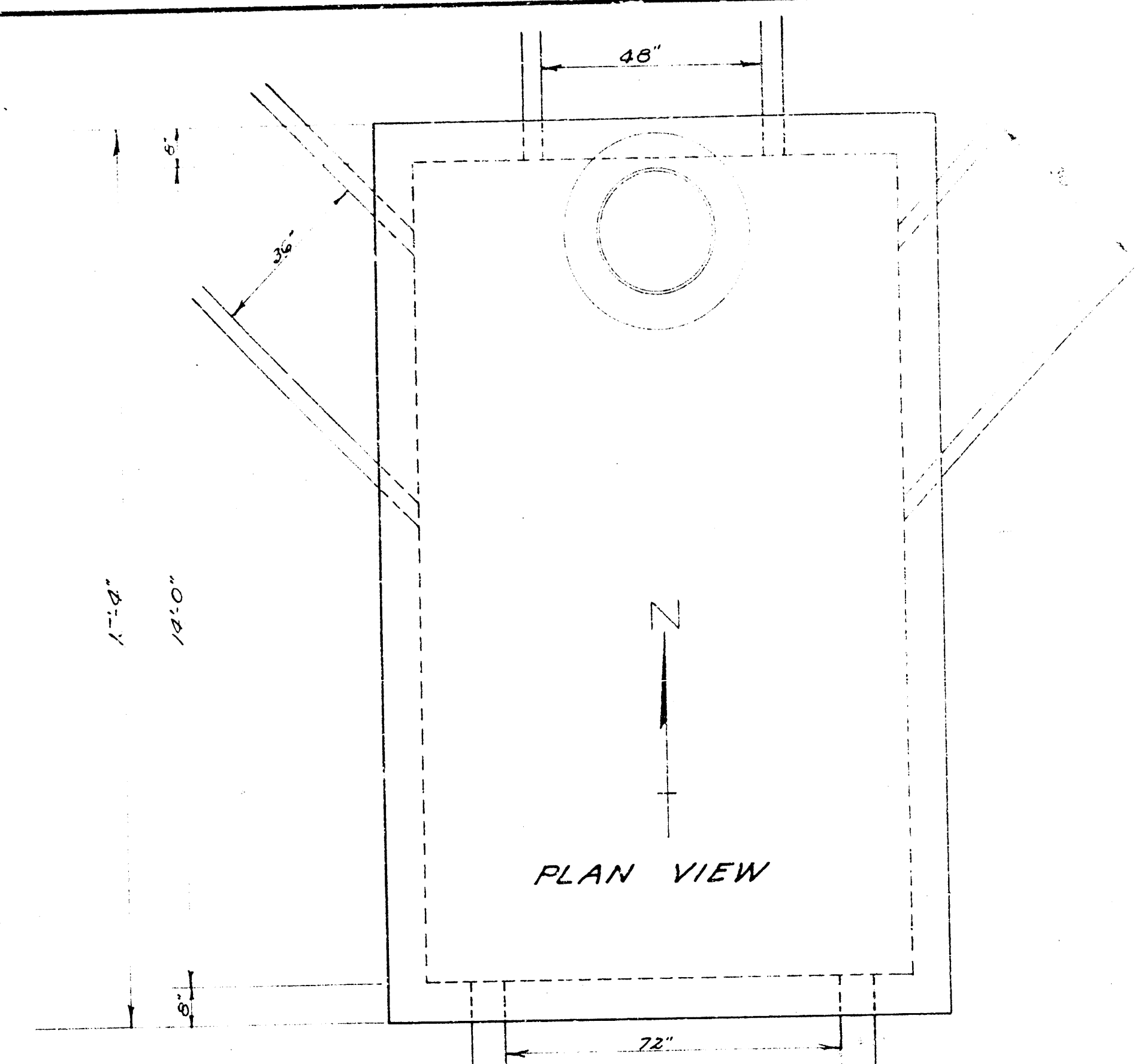




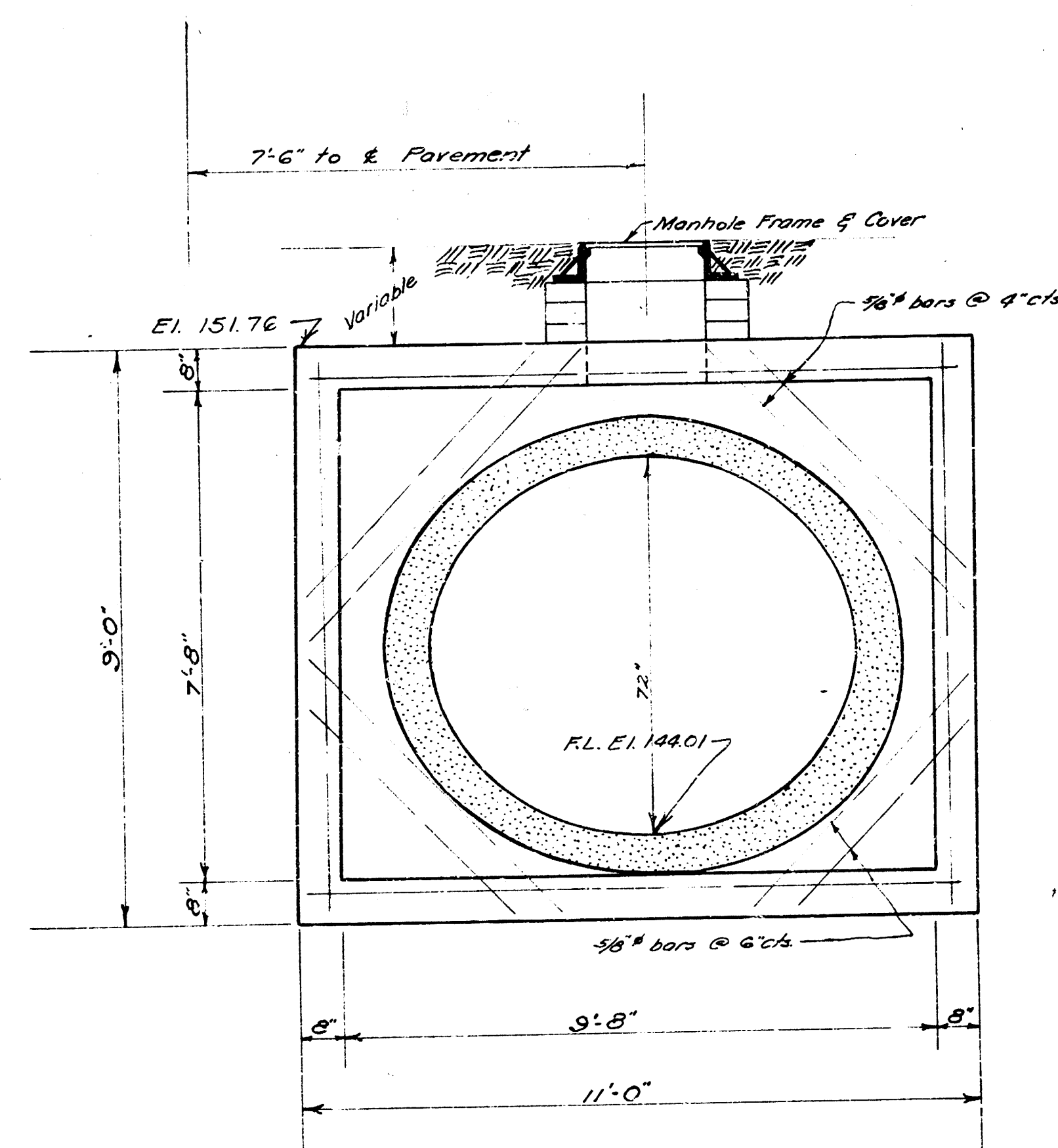
PLAN VIEW



TYPICAL WALL SEC.
STEEL PATTERN

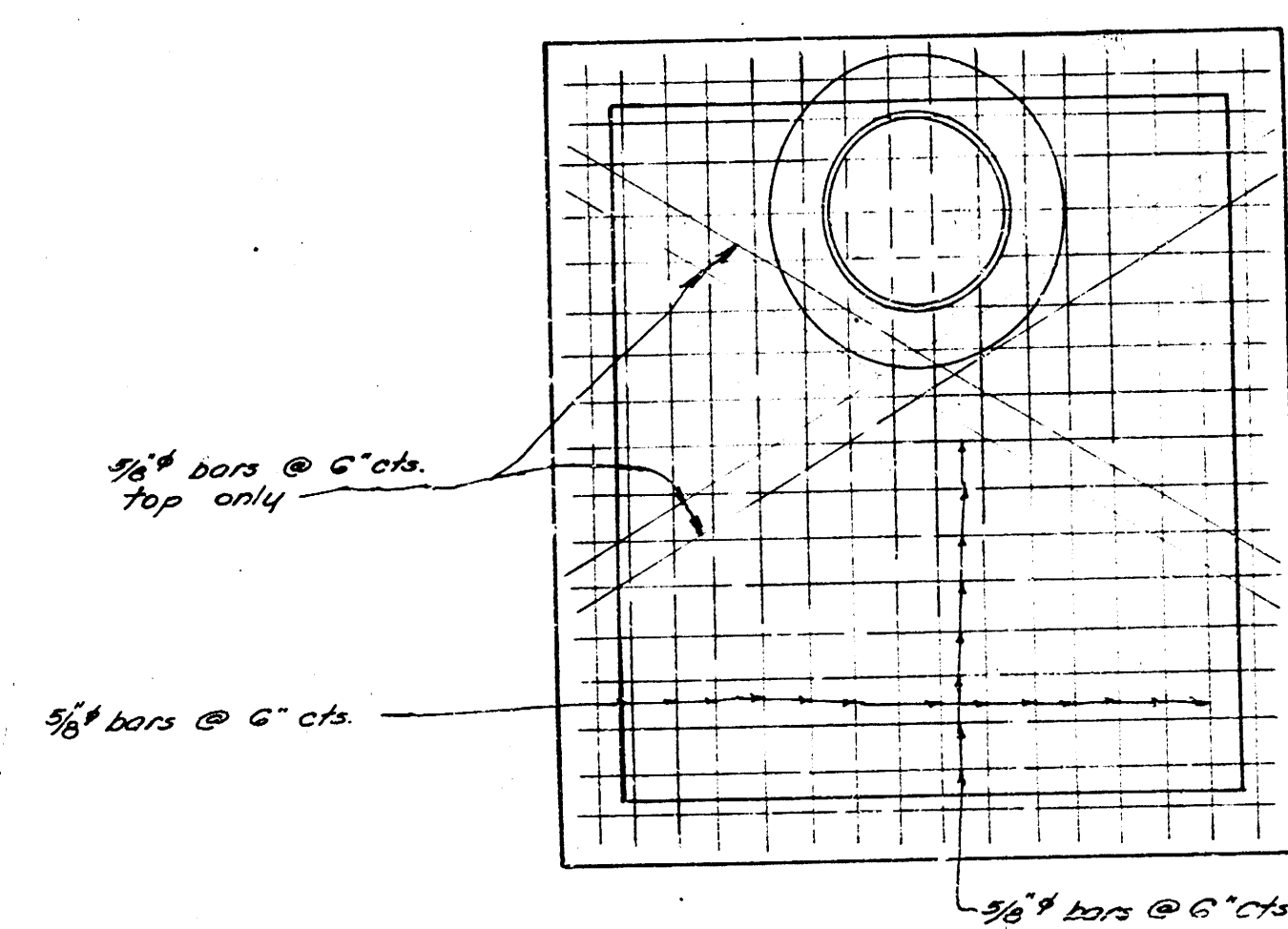


PLAN VIEW



ELEVATION

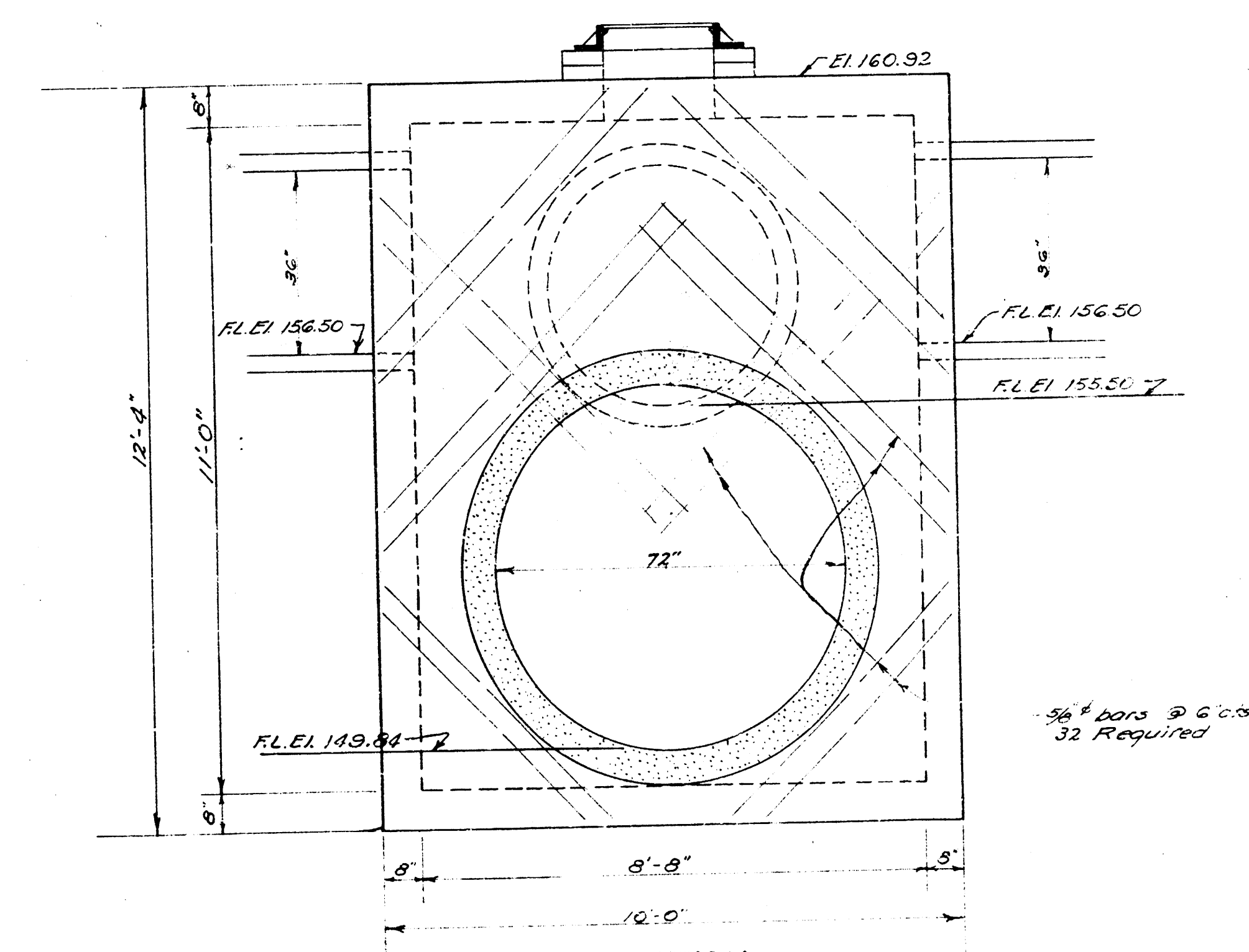
REINF. CONC. MANHOLE DETAIL
Sta. 2+63 Line 1
Scale 1/2" = 1'-0"



TYPICAL SEC. TOP & BOTTOM
STEEL PATTERN
No Scale

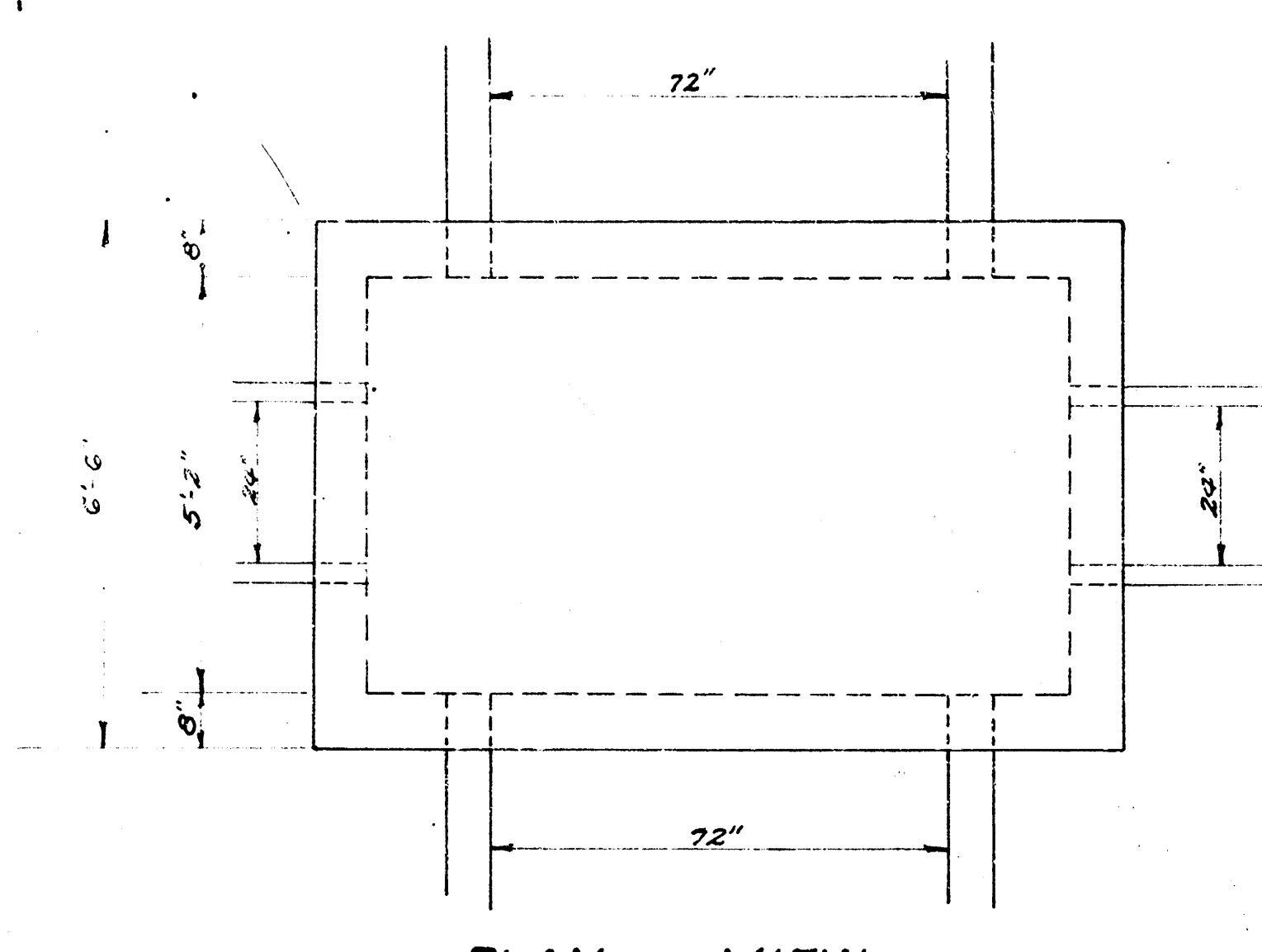
Concrete for manholes shall contain not less than 165 lbs. of cement per cu. yd. of conc. In no event shall the total water content exceed 6.25 gals. per sack of cement. The mixture of fine and coarse aggregate shall be such as will produce a maximum density and the most workable mixture.

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.

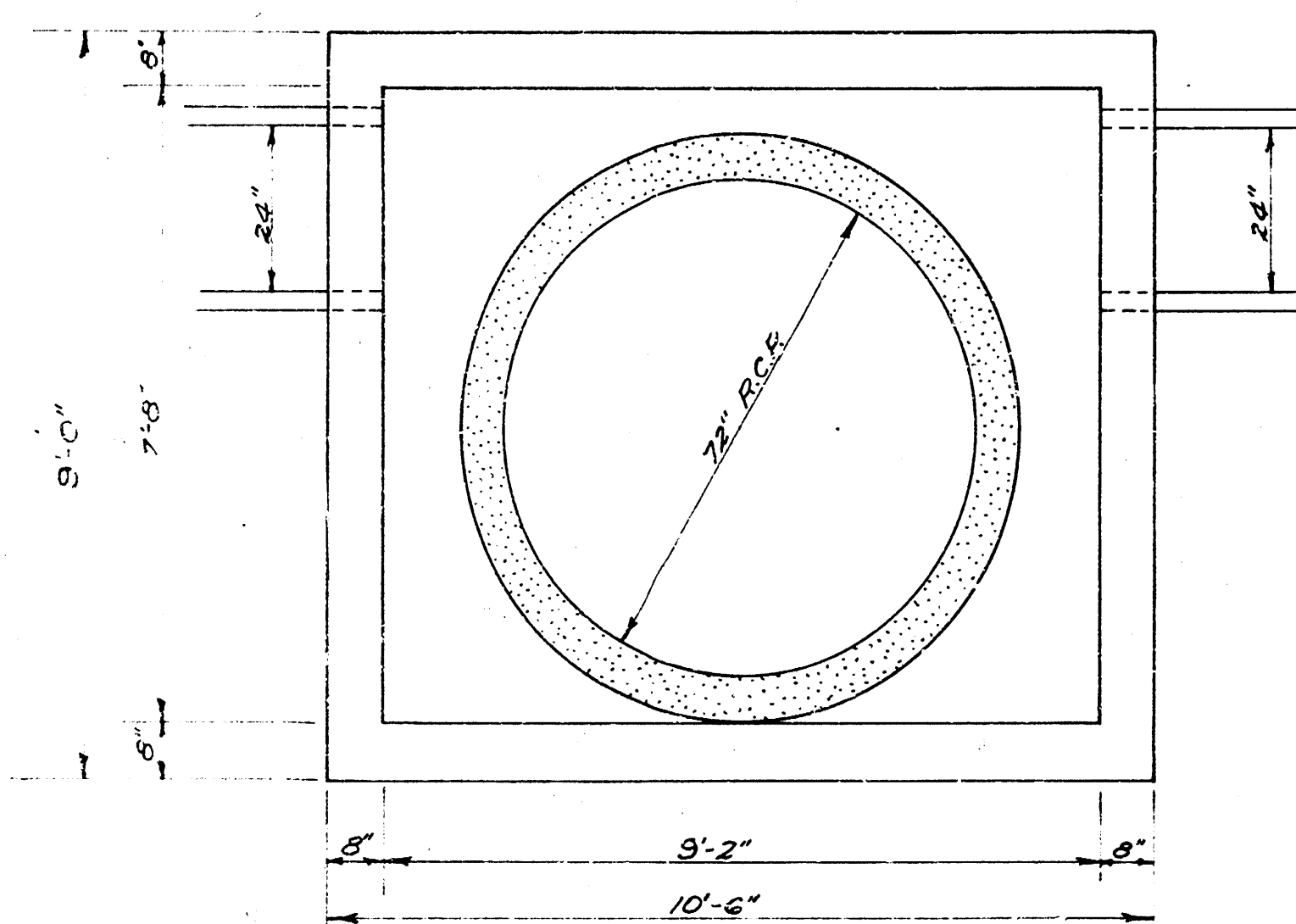


ELEVATION
TWO END WALLS
REINF. CONC. MANHOLE Sta. 12+35 Line 1
Sta. 0+00 " 2
Scale 1/2" = 1'-0"

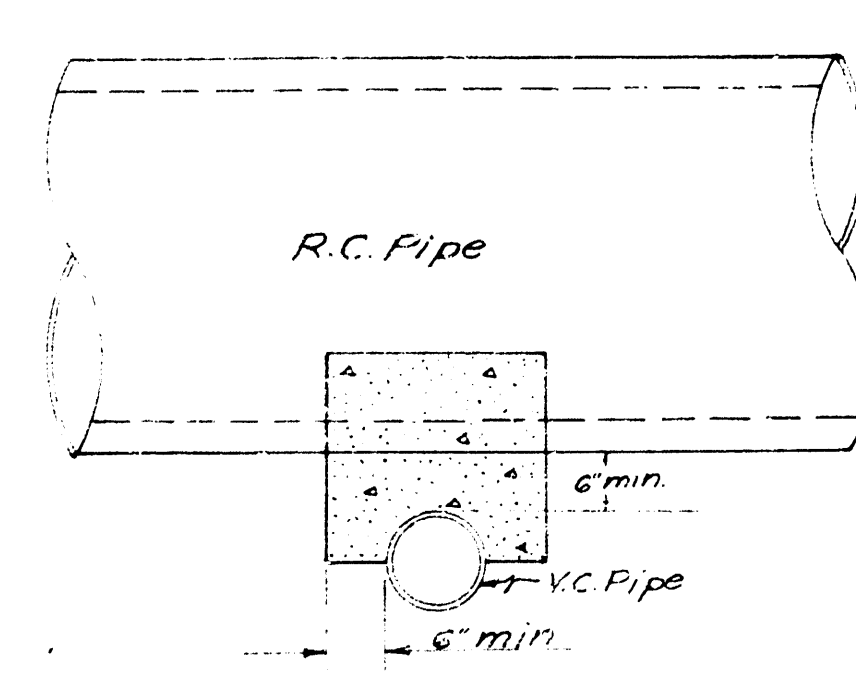
STORM WATER SEWER DIST. NO. 45
CITY OF WICHITA KANSAS
L.R. WHITE CITY ENGINEER
Proj. No. C. 22-21
MARCH 1, 1952



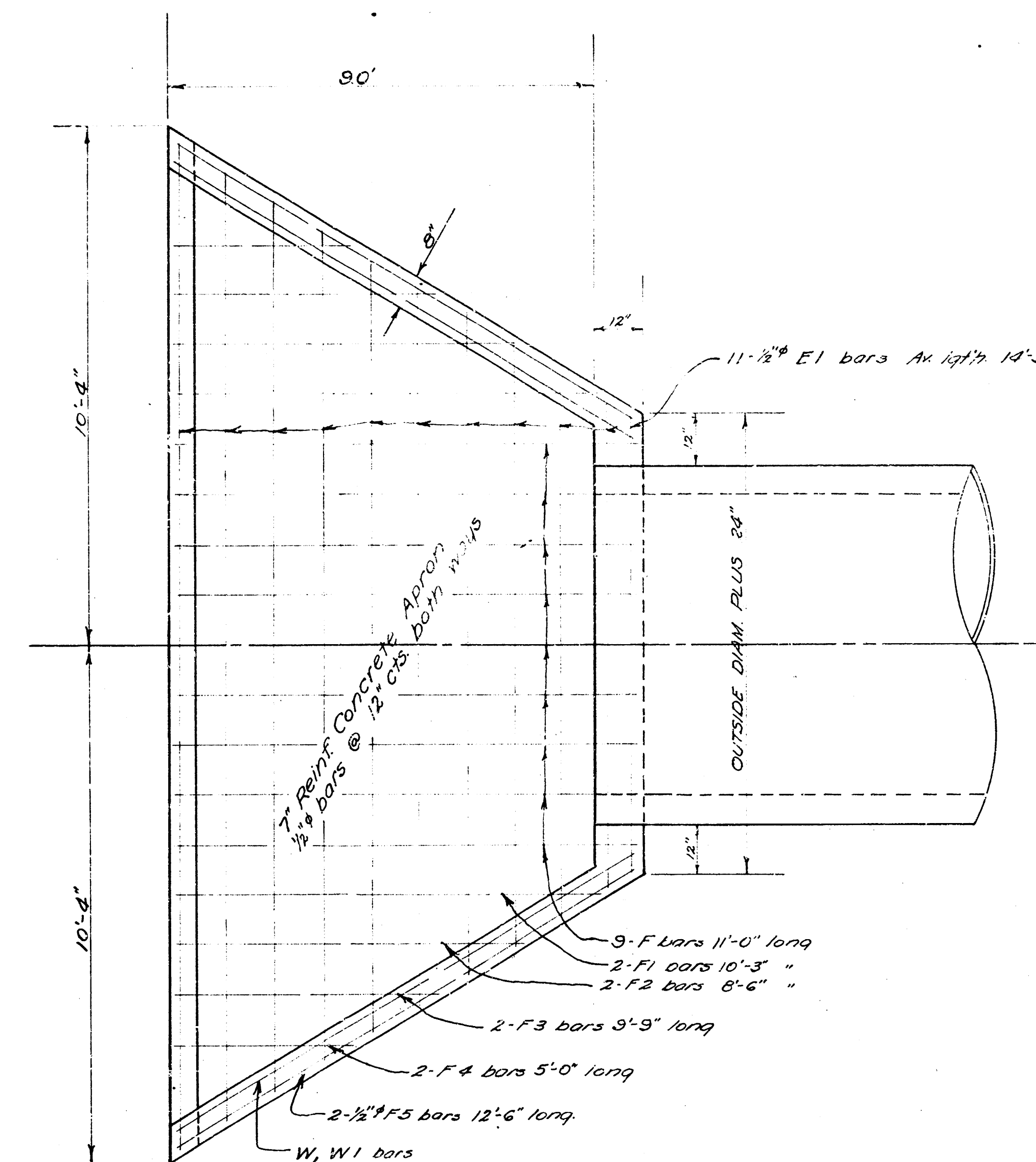
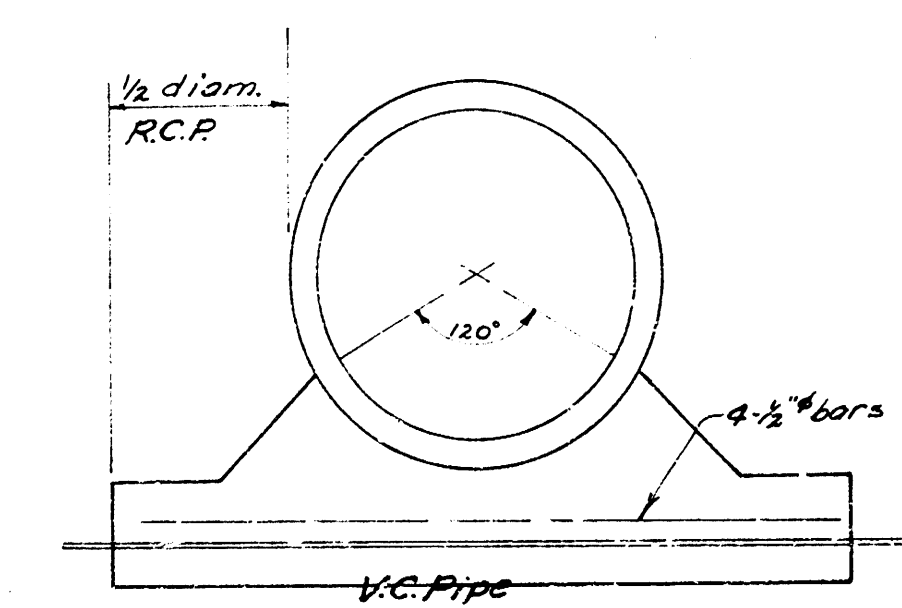
PLAN VIEW



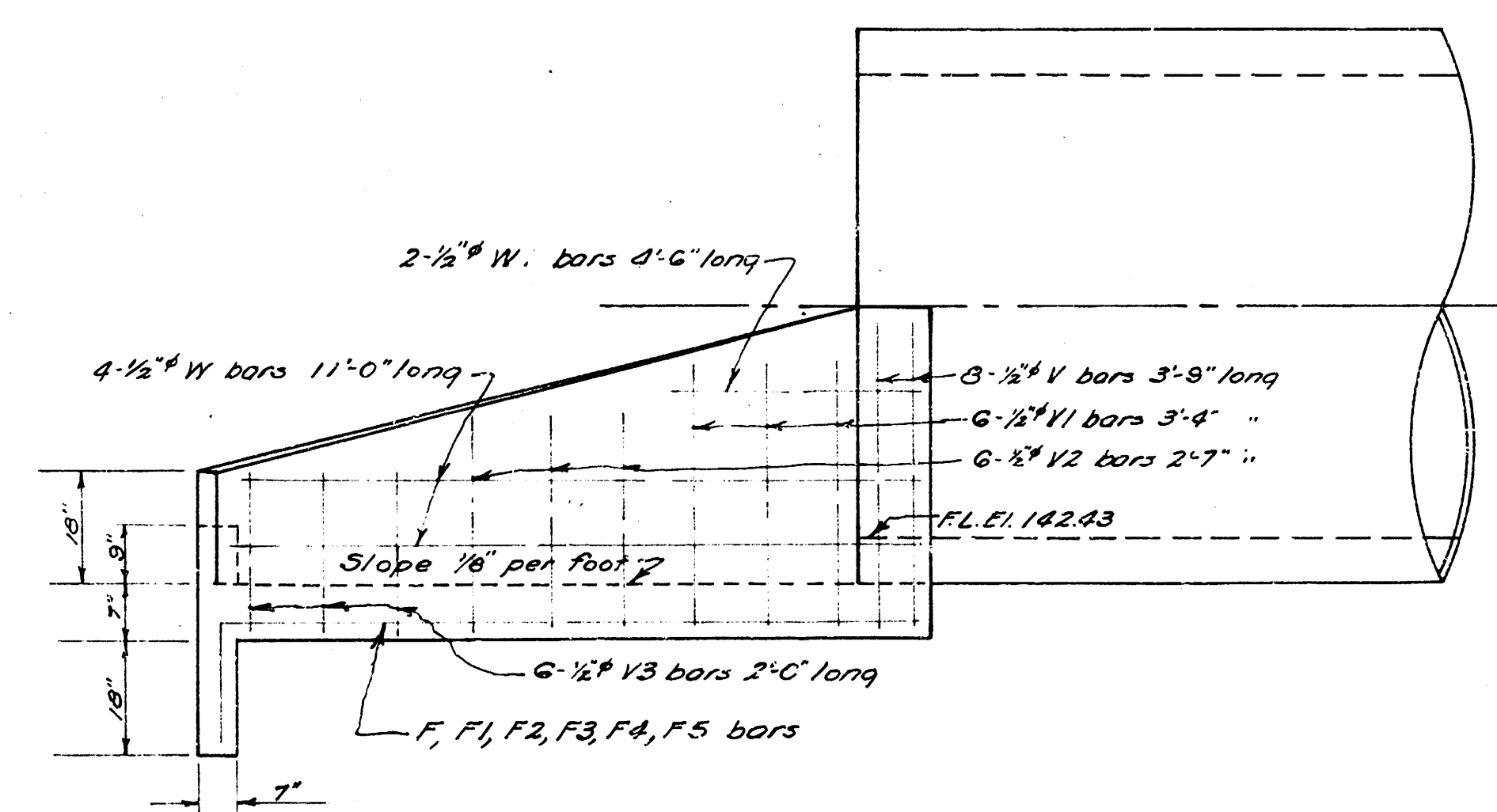
ELEVATION
TWO END WALLS
REINF. CONC. MANHOLE DETAIL
Sta. 5+78 Line 1
Sta. 8+48 " 1



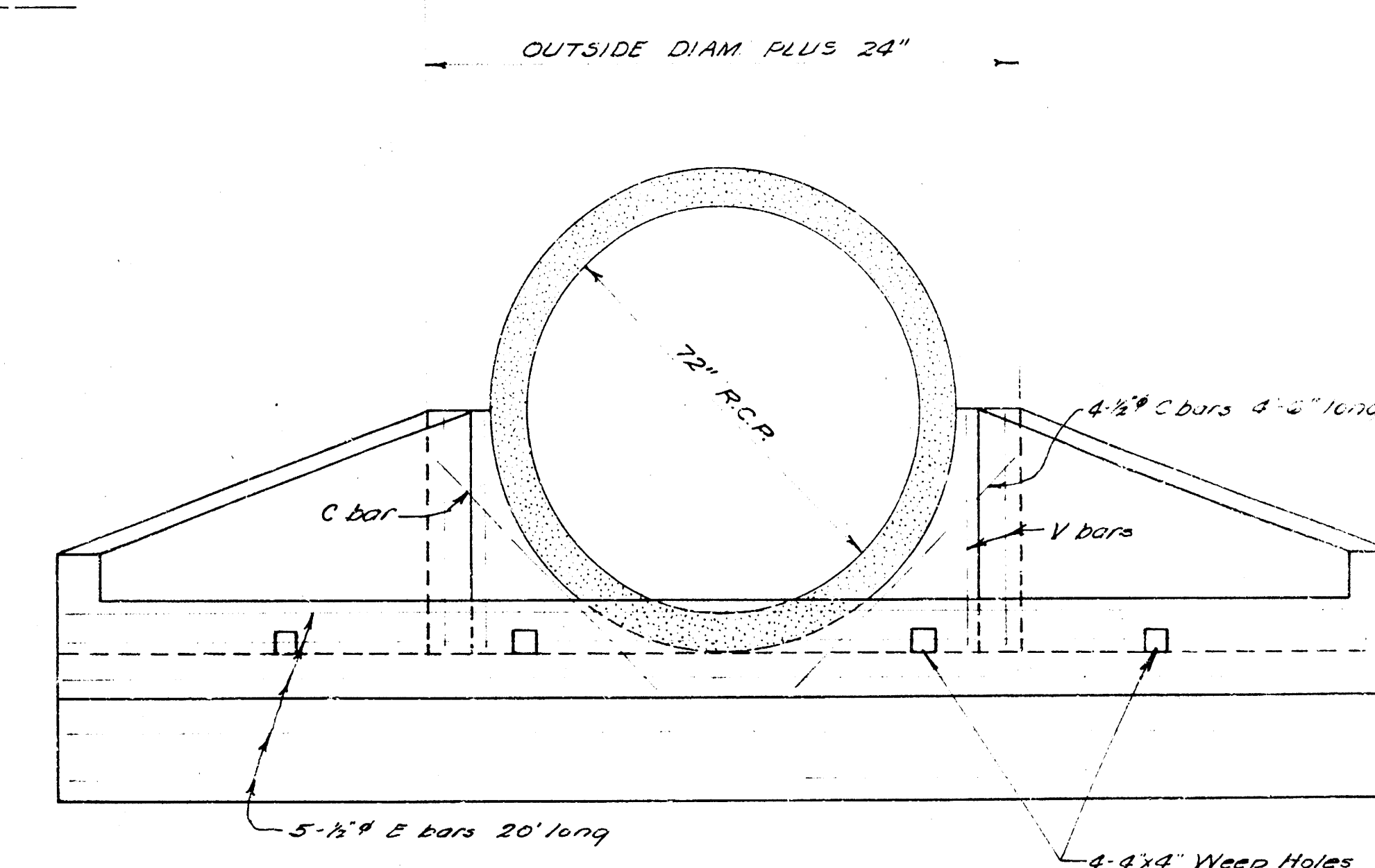
CONCRETE ENCASEMENT DETAIL
No Scale



PLAN VIEW



ELEVATION



END VIEW

OUTFALL STRUCTURE
SCALE 1/2" = 1'

STORM WATER SEWER DIST. NO. 45
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