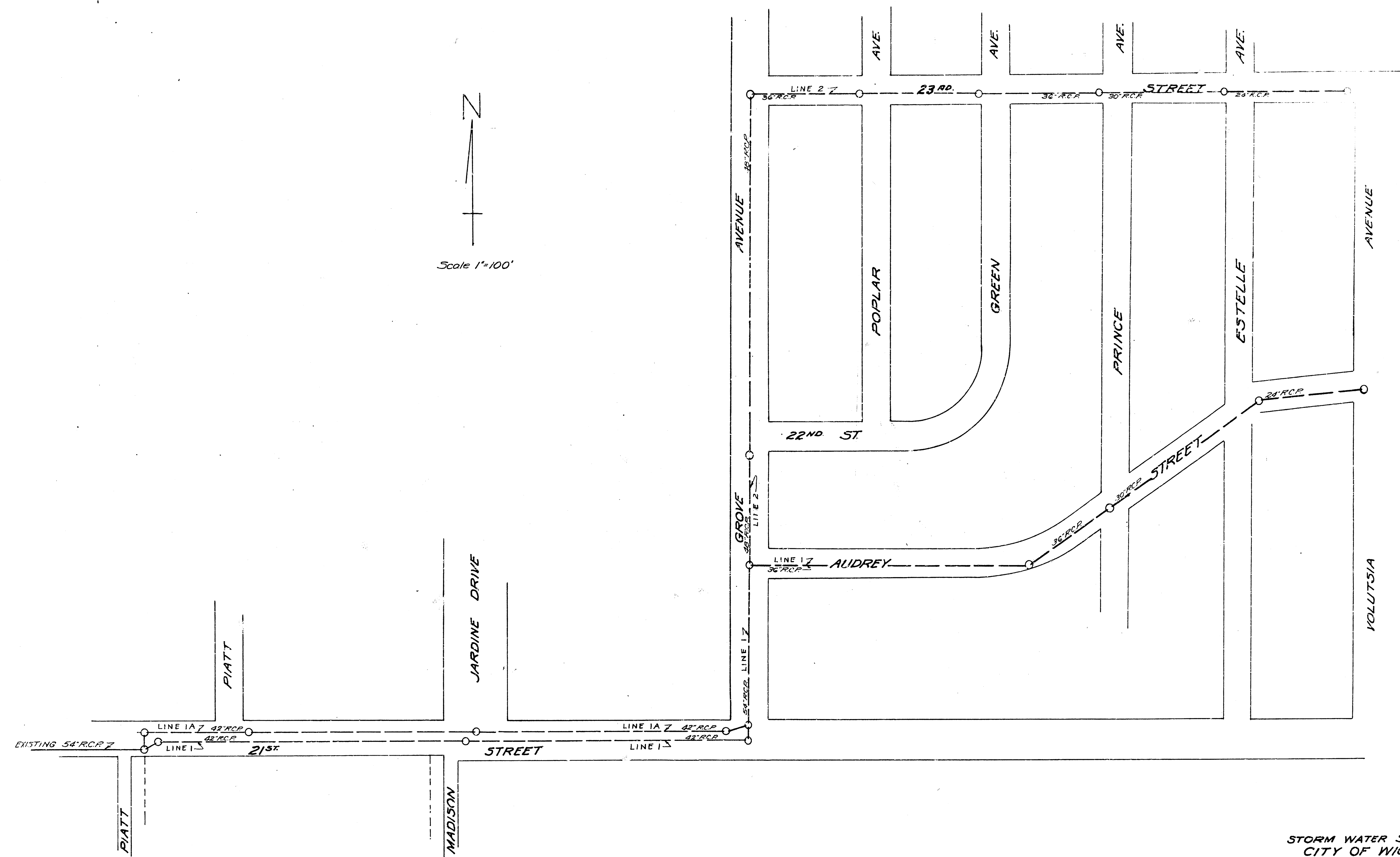
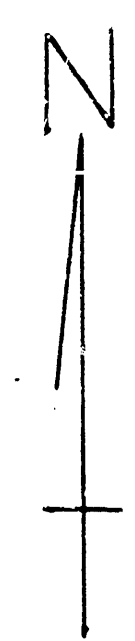
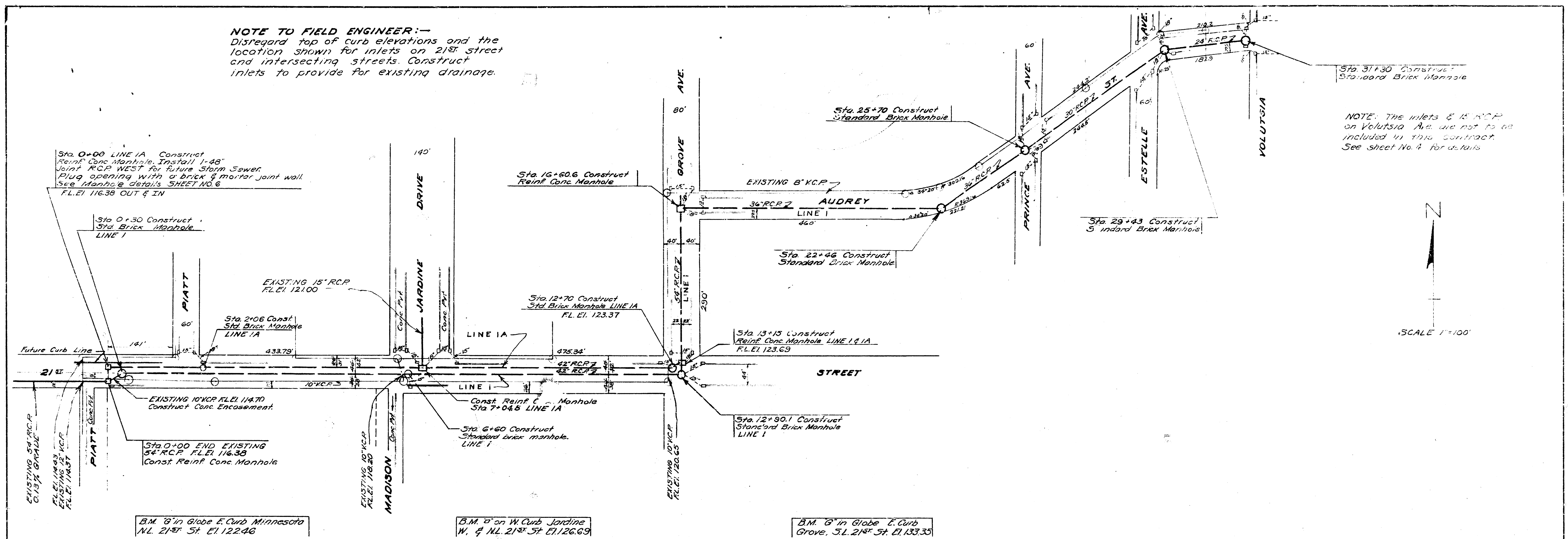





 Scale 1"=100'

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NOTE TO FIELD ENGINEER:—
 Disregard top of curb elevations and the
 location shown for inlets on 21st Street
 and intersecting streets. Construct
 inlets to provide for existing drainage.

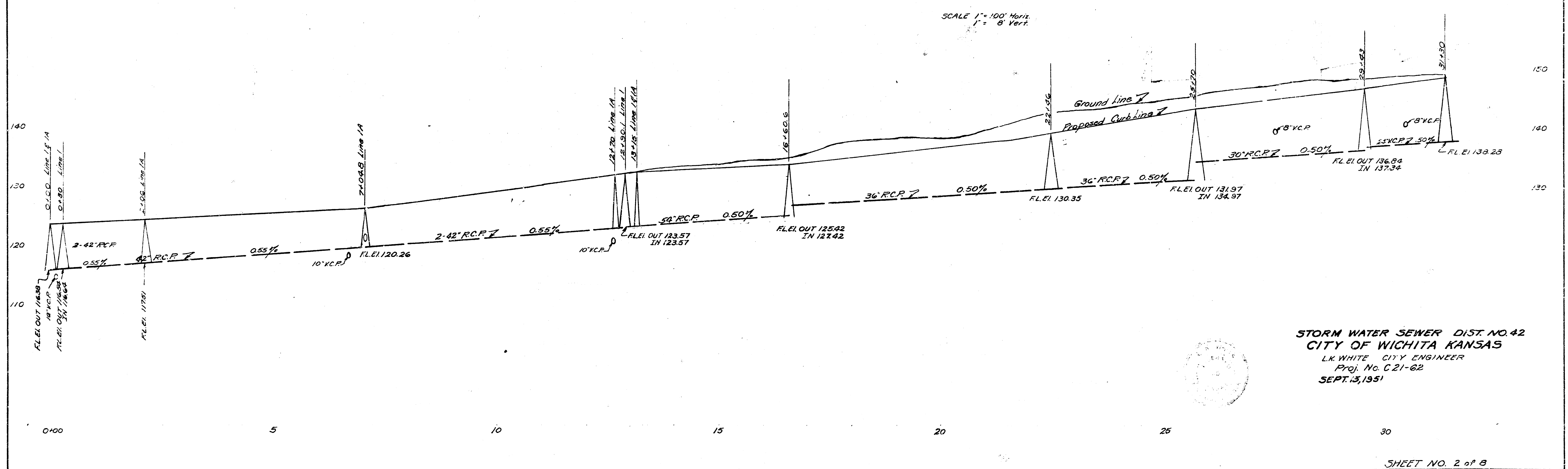


NOTE: The inlets & R.C.P. on Volusia Ave. are not to be included in this contract. See sheet No. 4 for details.

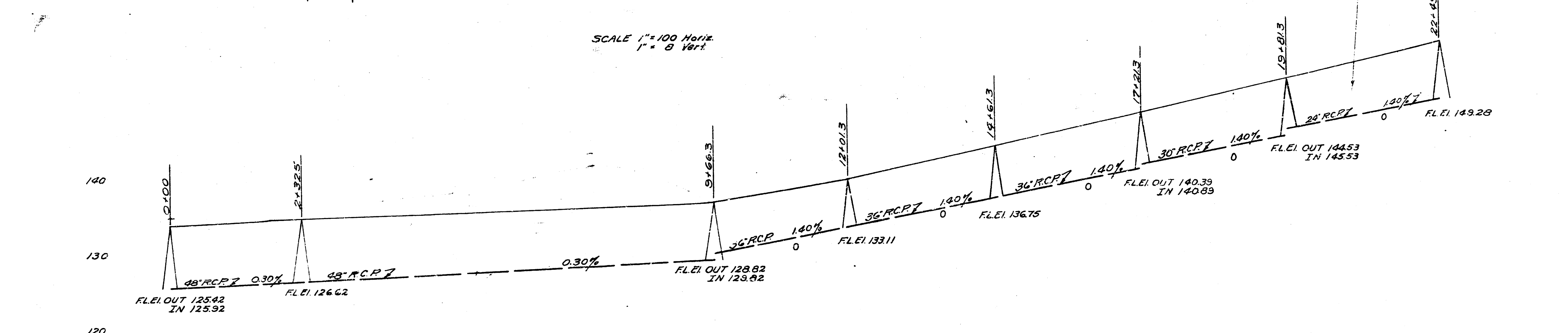
SCALE 1"=100'

NOTE: SAND BACKFILL ALL TRENCHES UNDER FUTURE PAVEMENT 10' OUTSIDE CURB LINE.

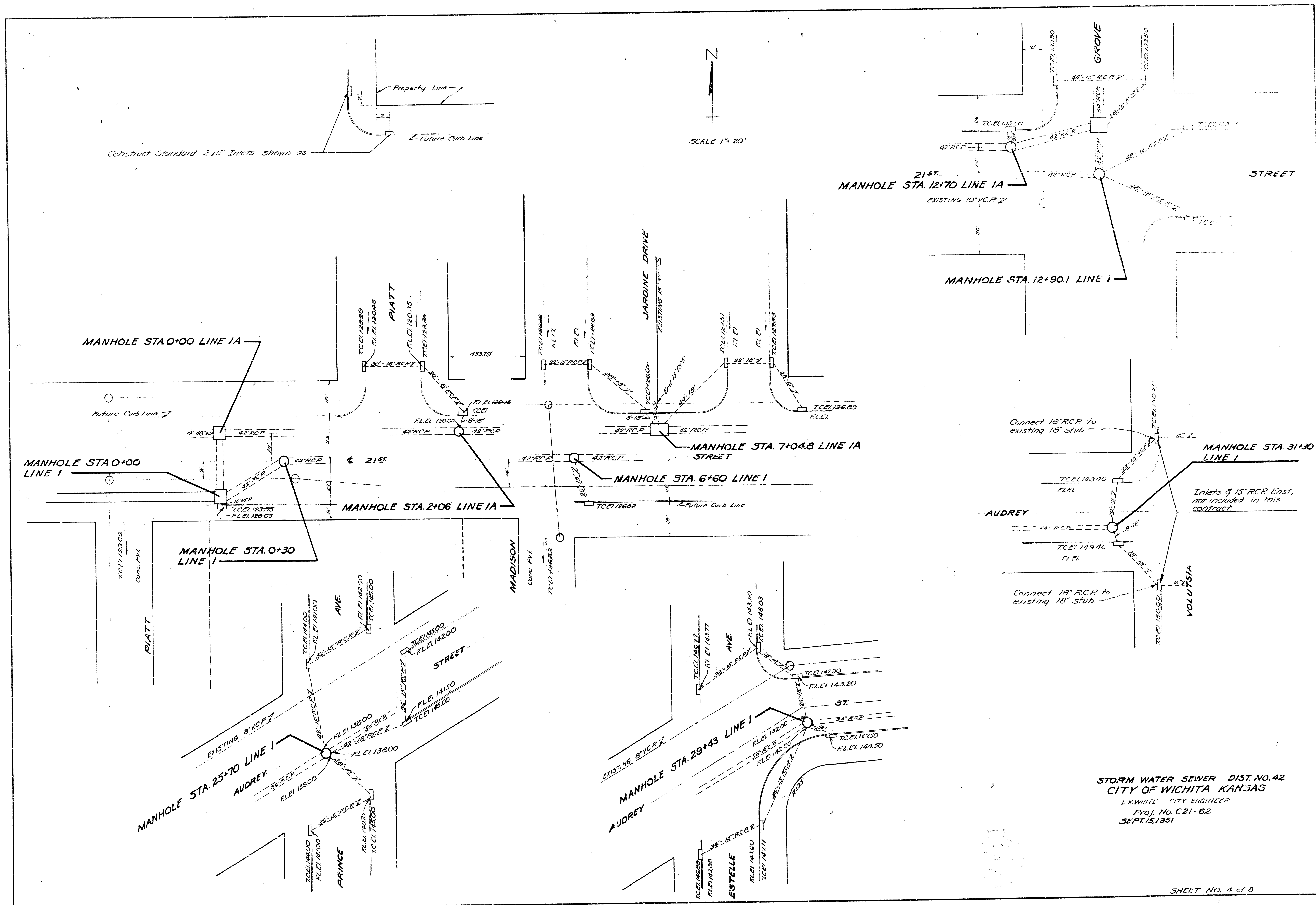
SCALE 1"=100' Horiz.
1"=8' Vert.

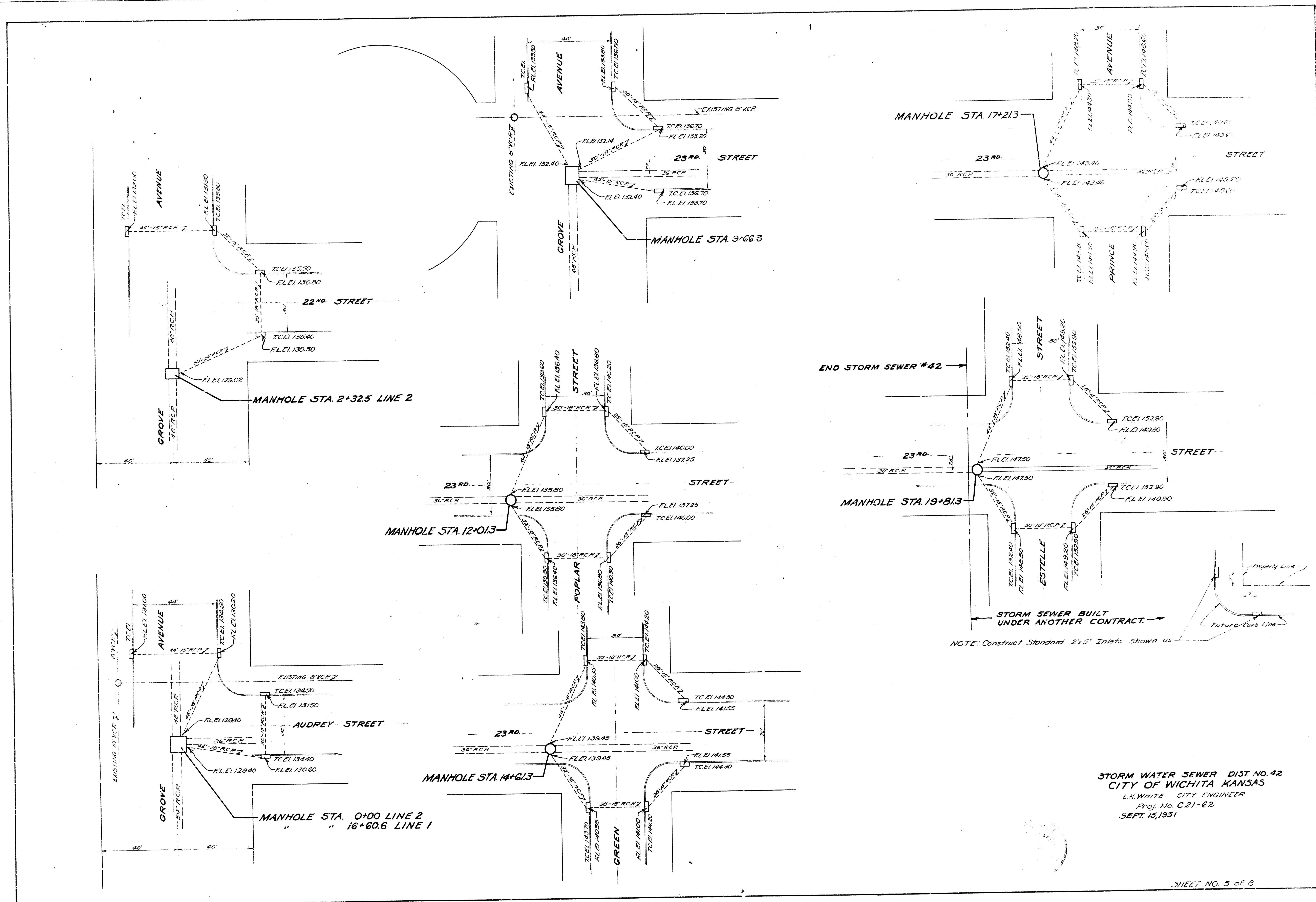


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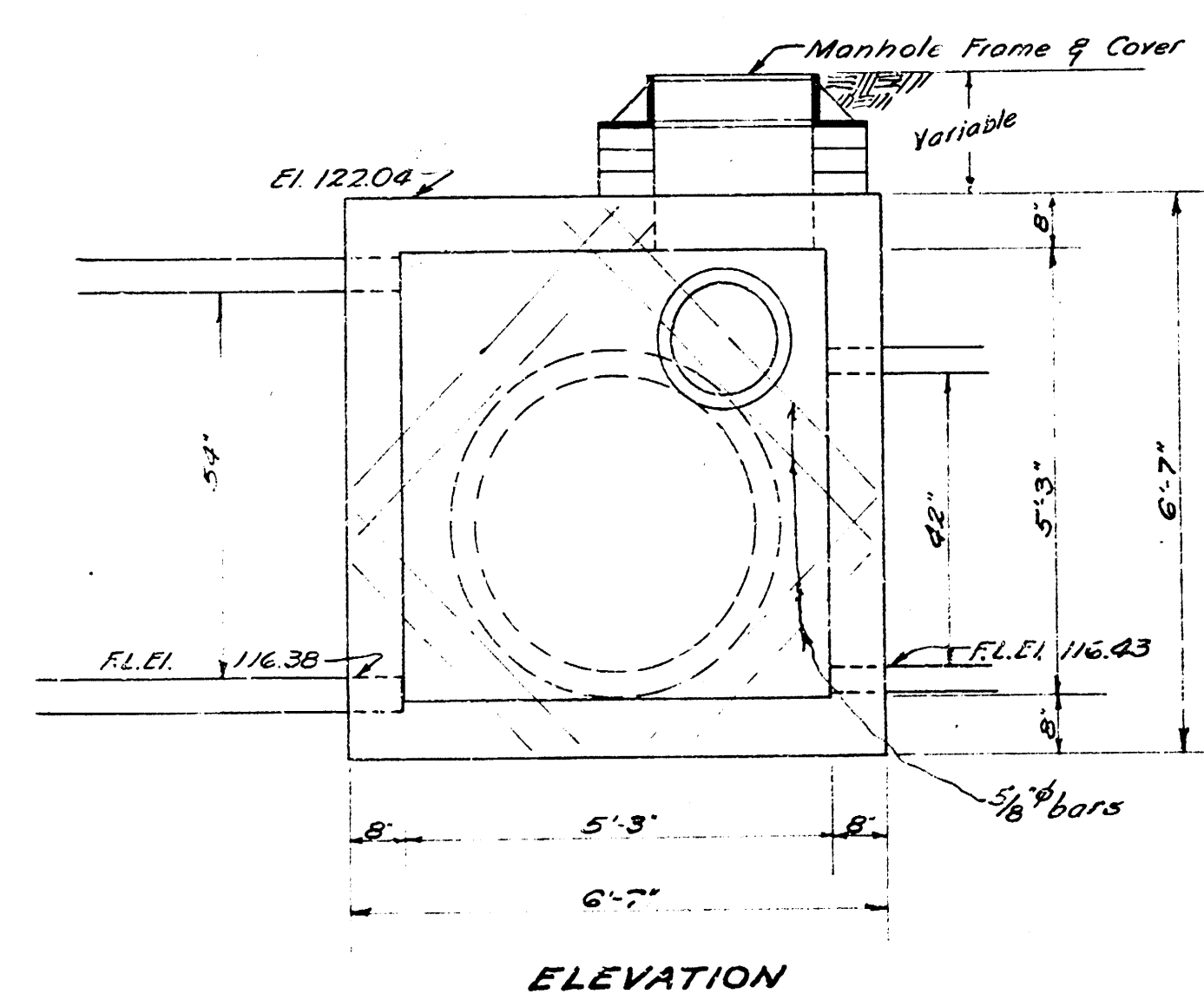
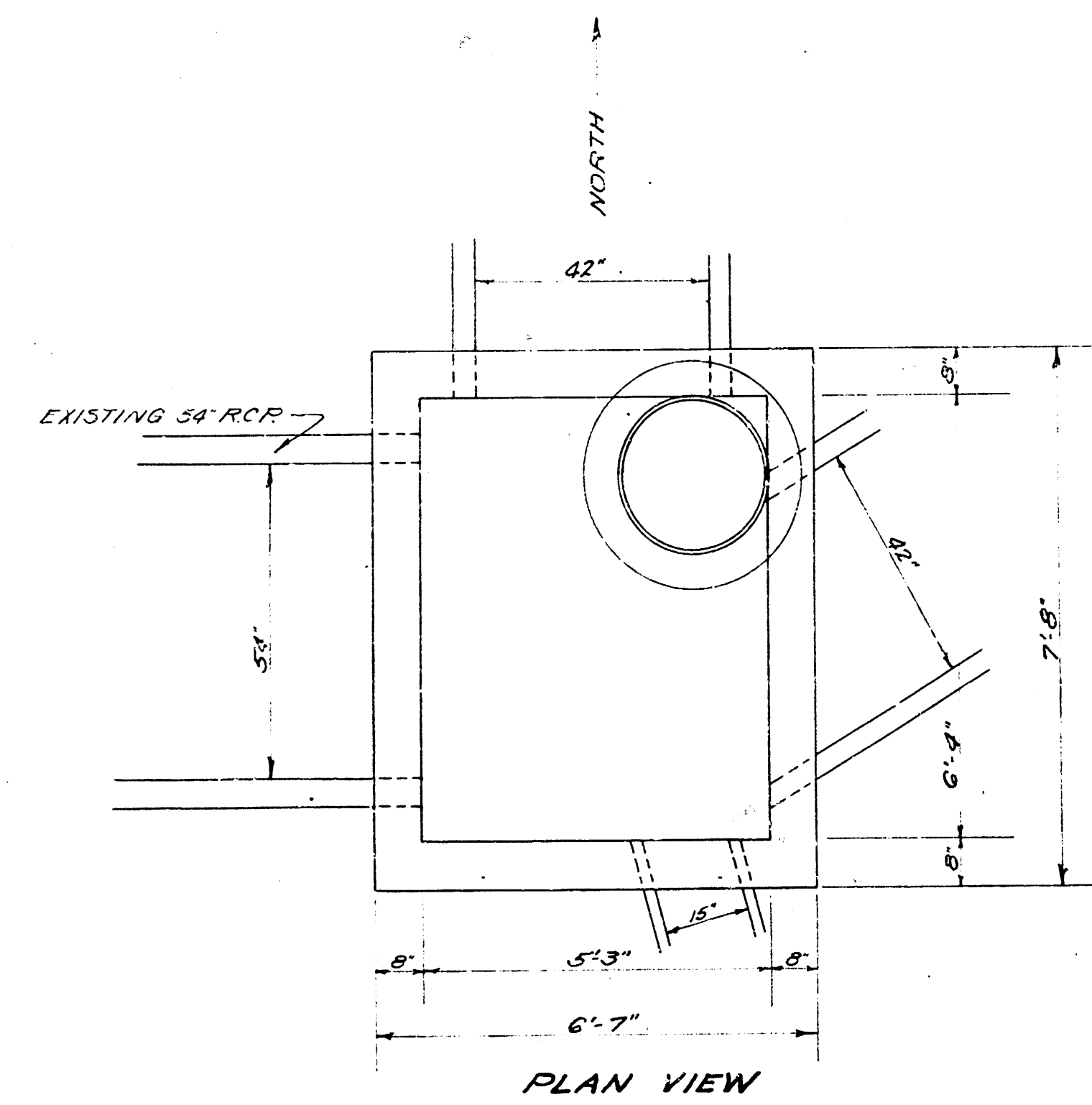


SHEET NO. 3 of 8

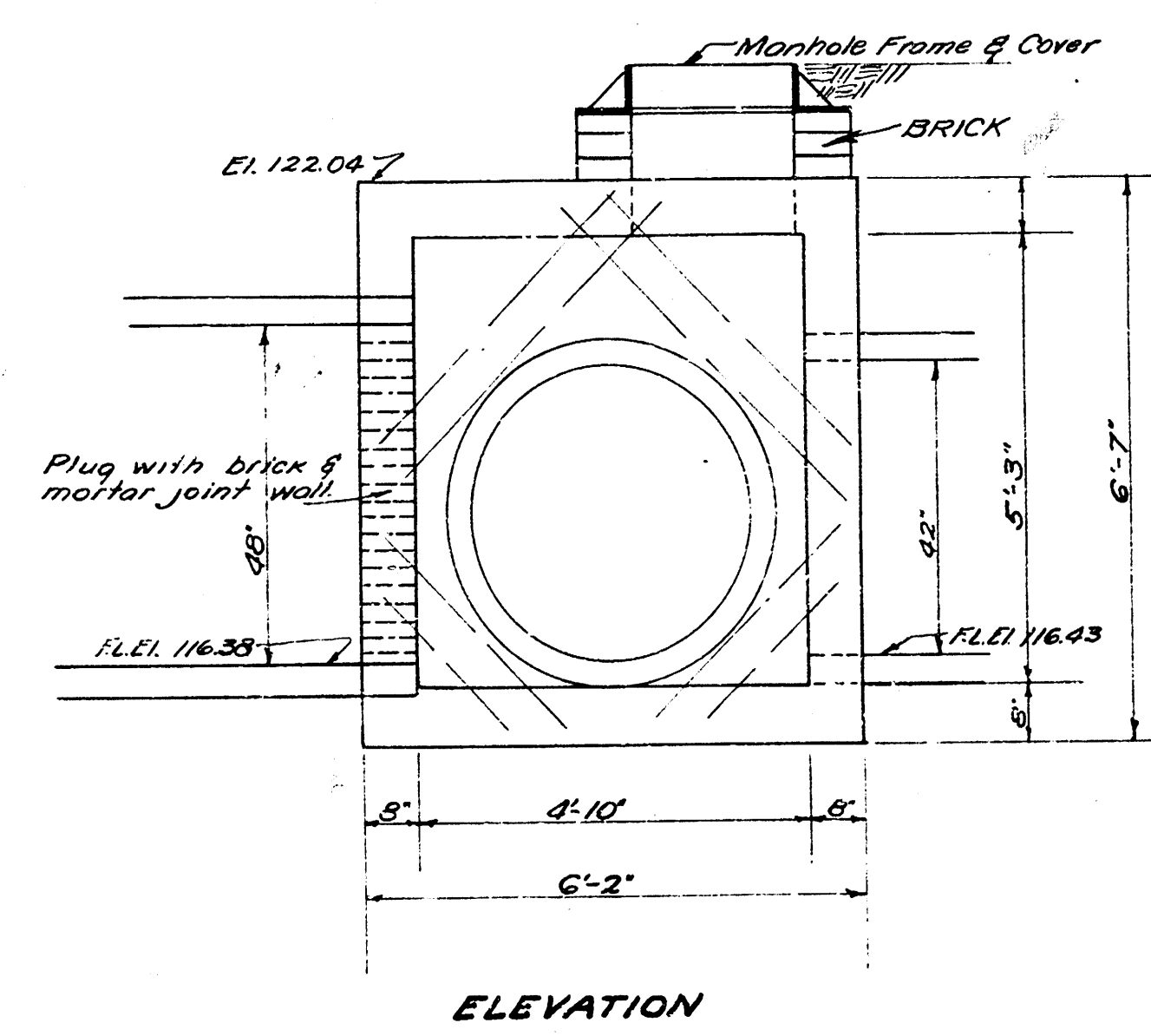
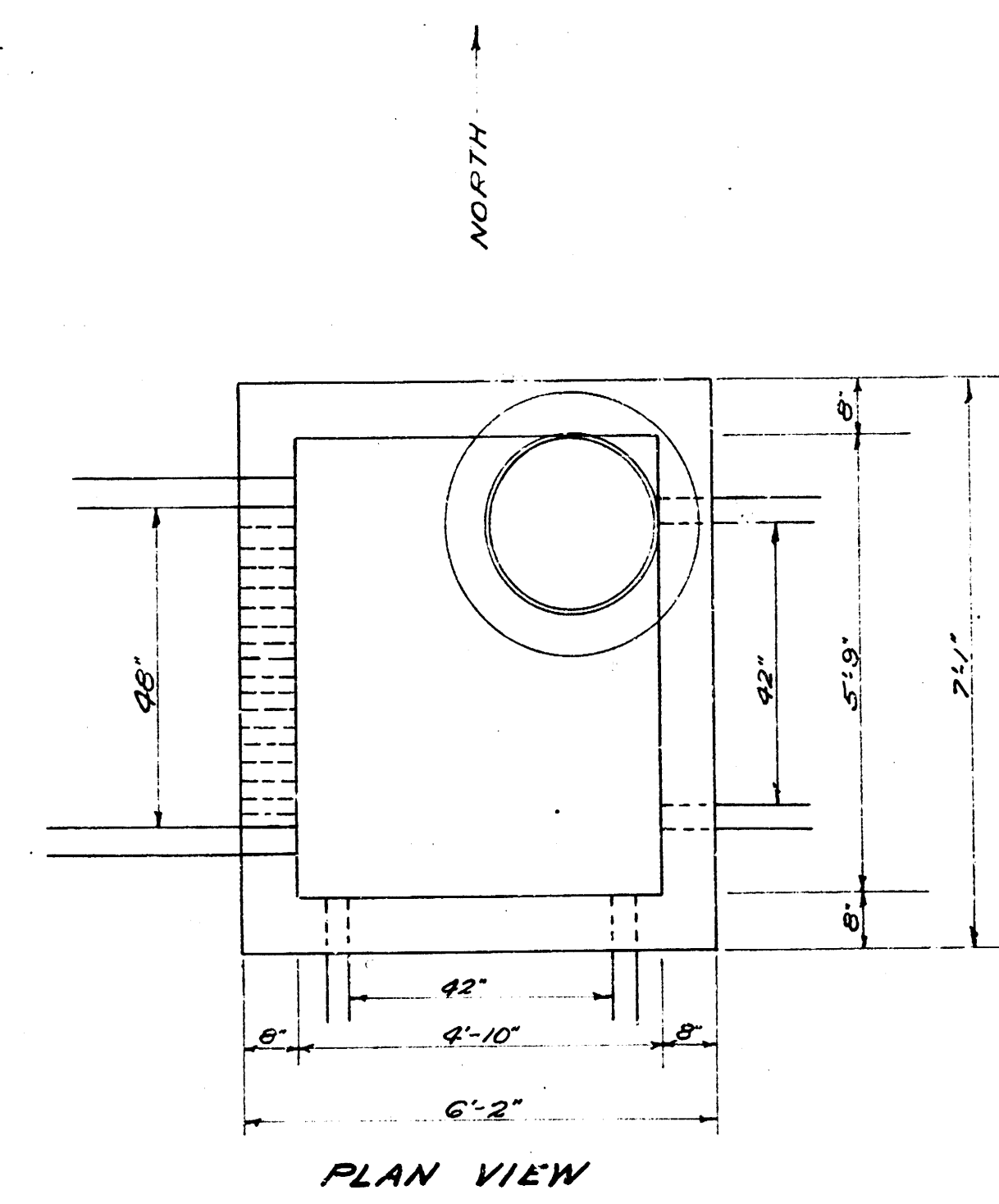




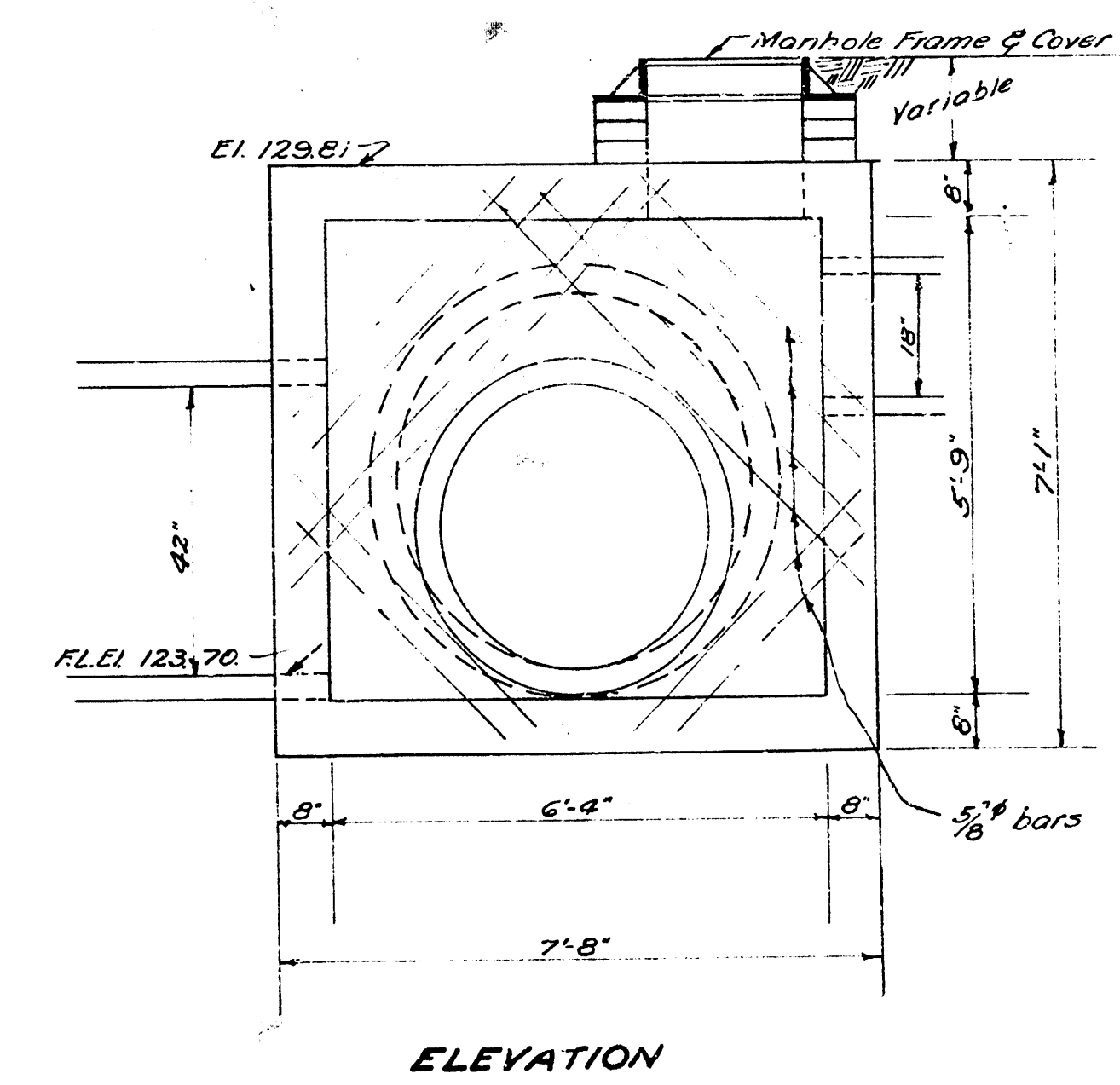
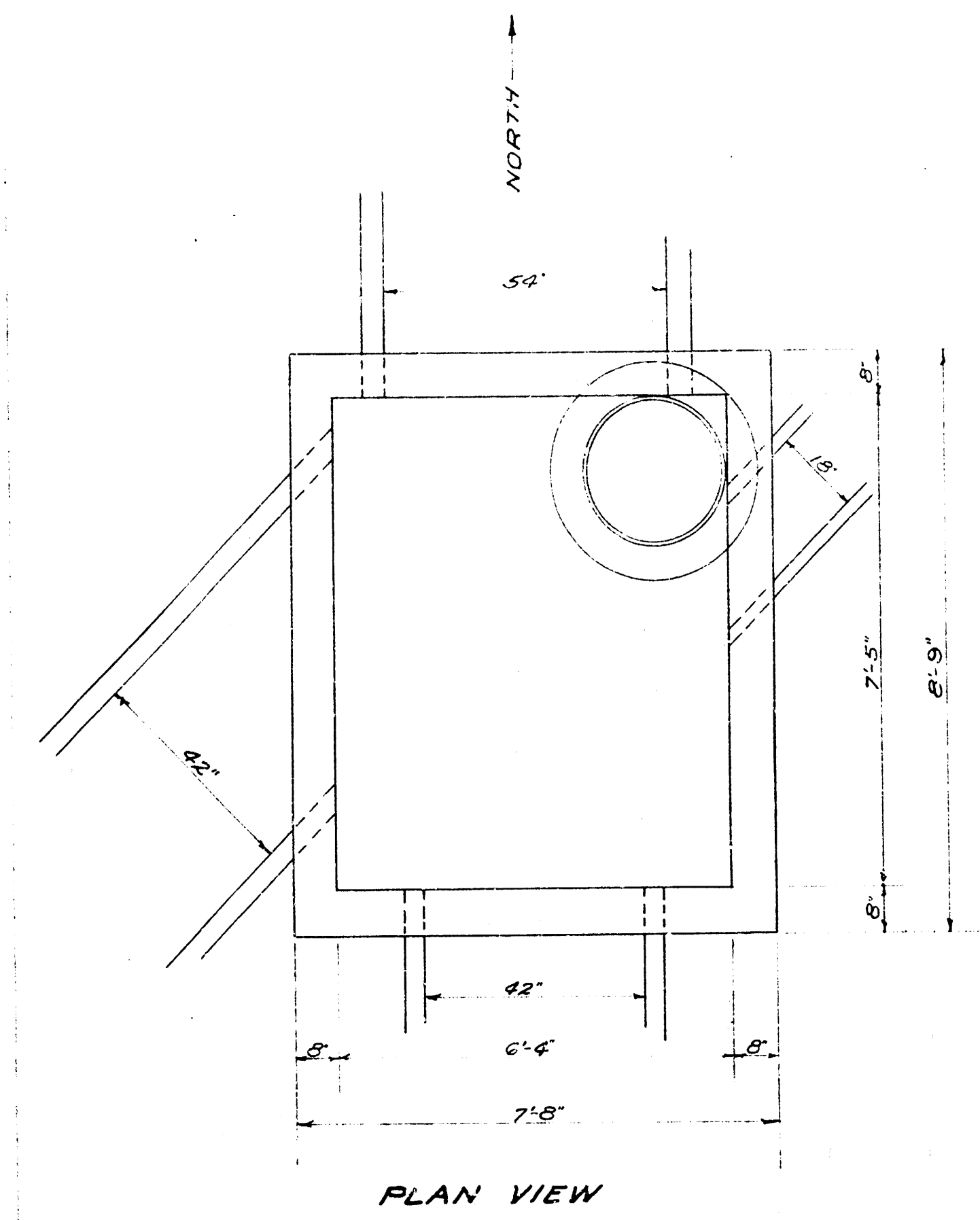
MANHOLE STA. 0+00 LINE 1



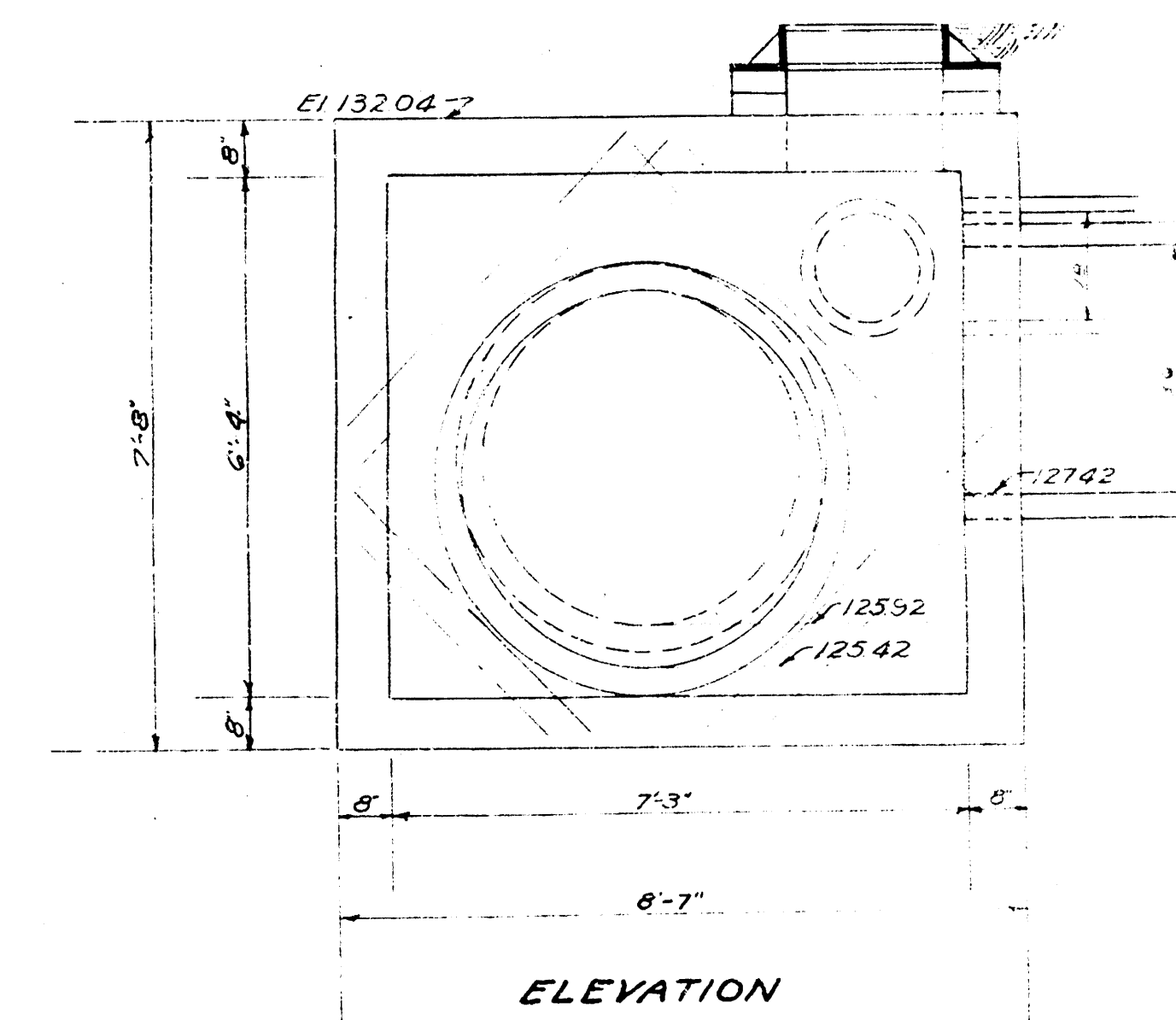
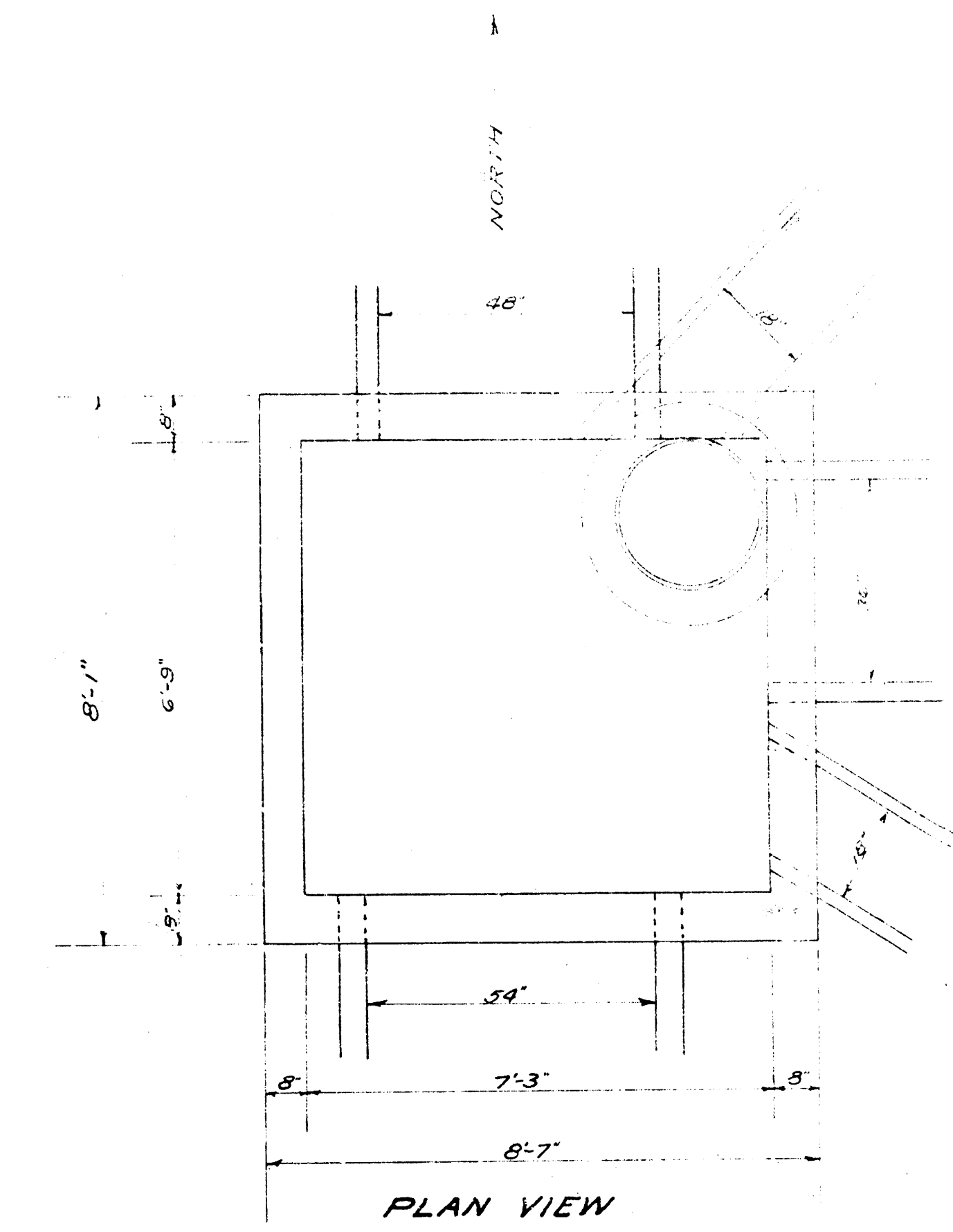
MANHOLE STA. 0+00 LINE 1A



MANHOLE STA. 13+15 LINE 1 & 1A



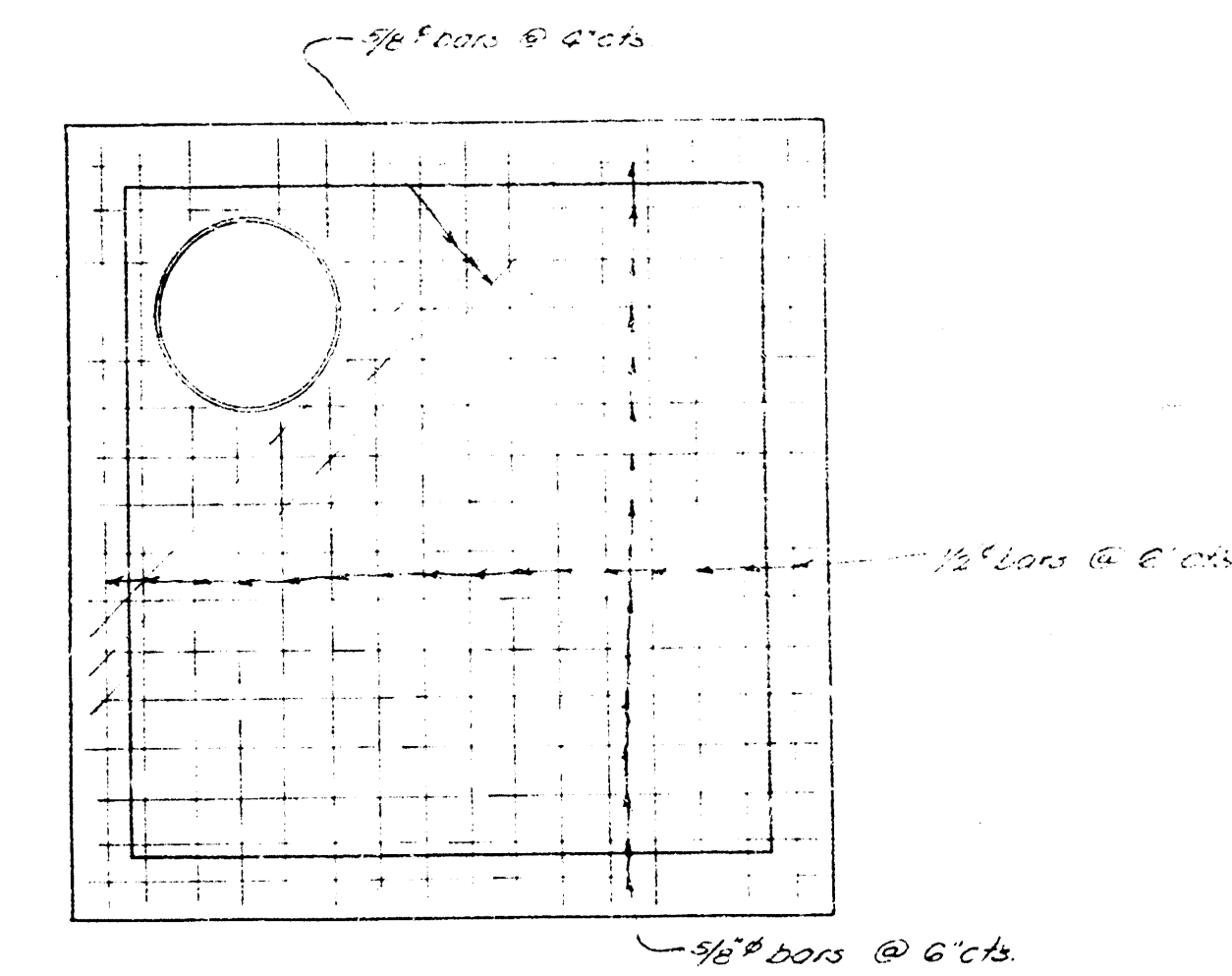
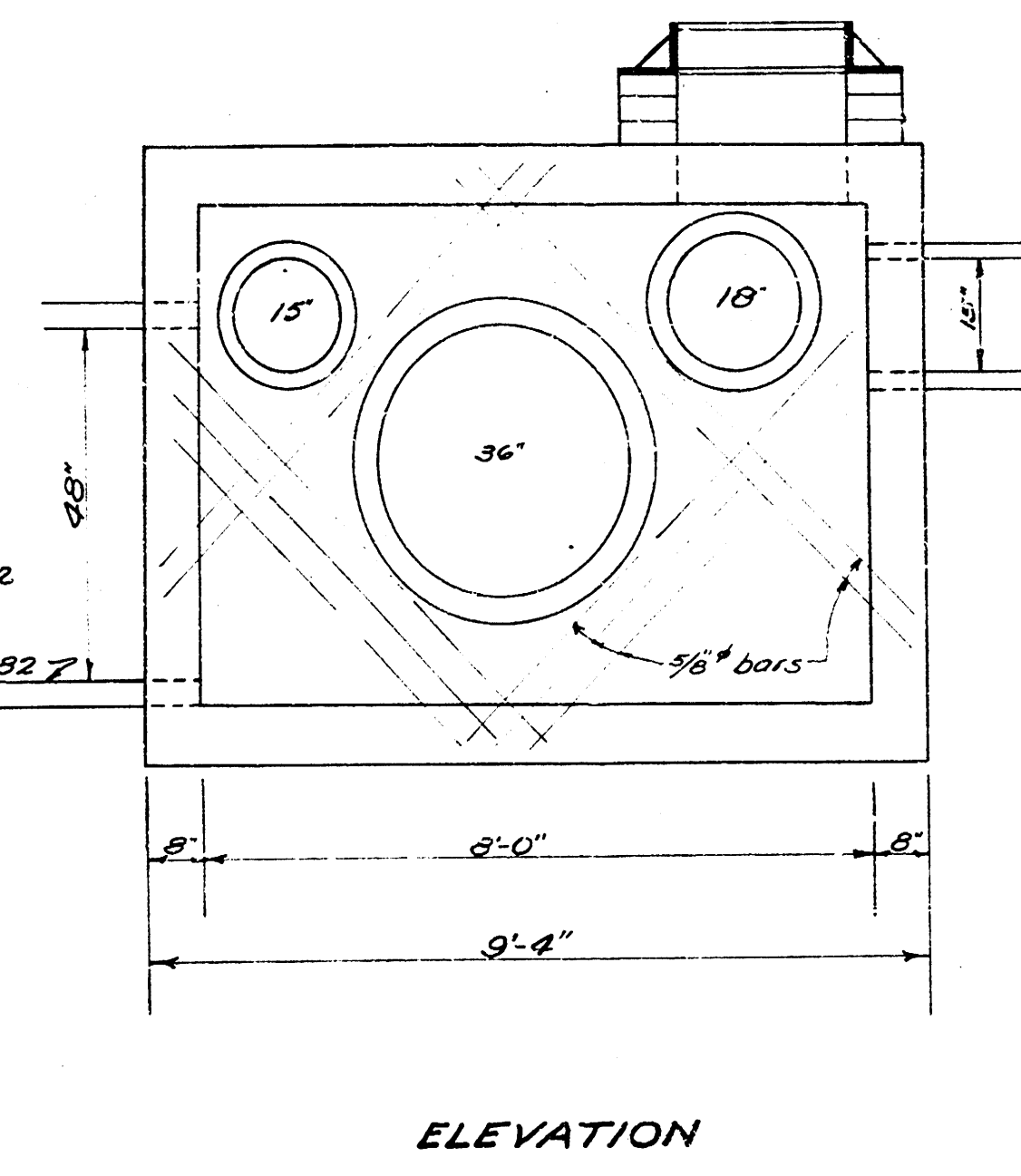
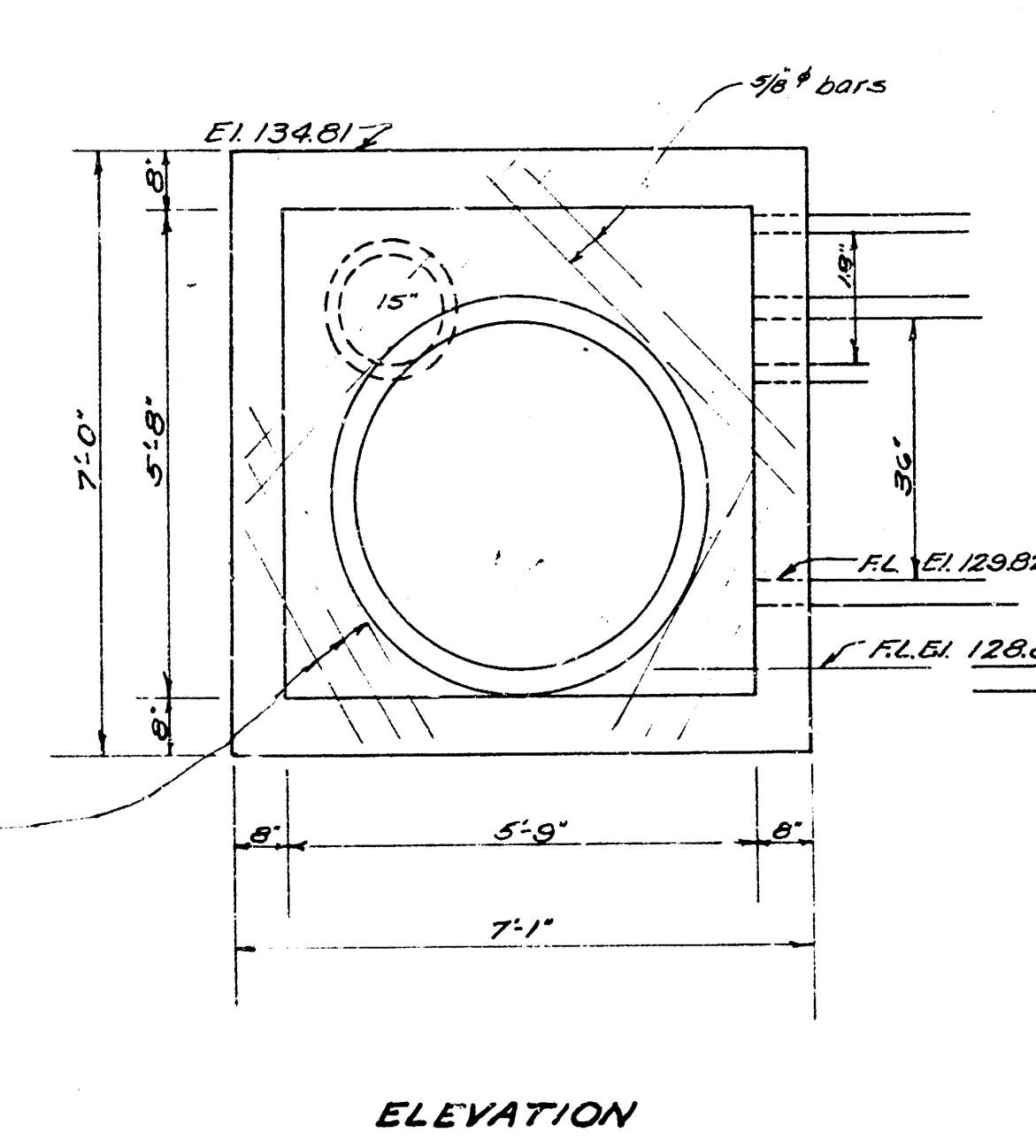
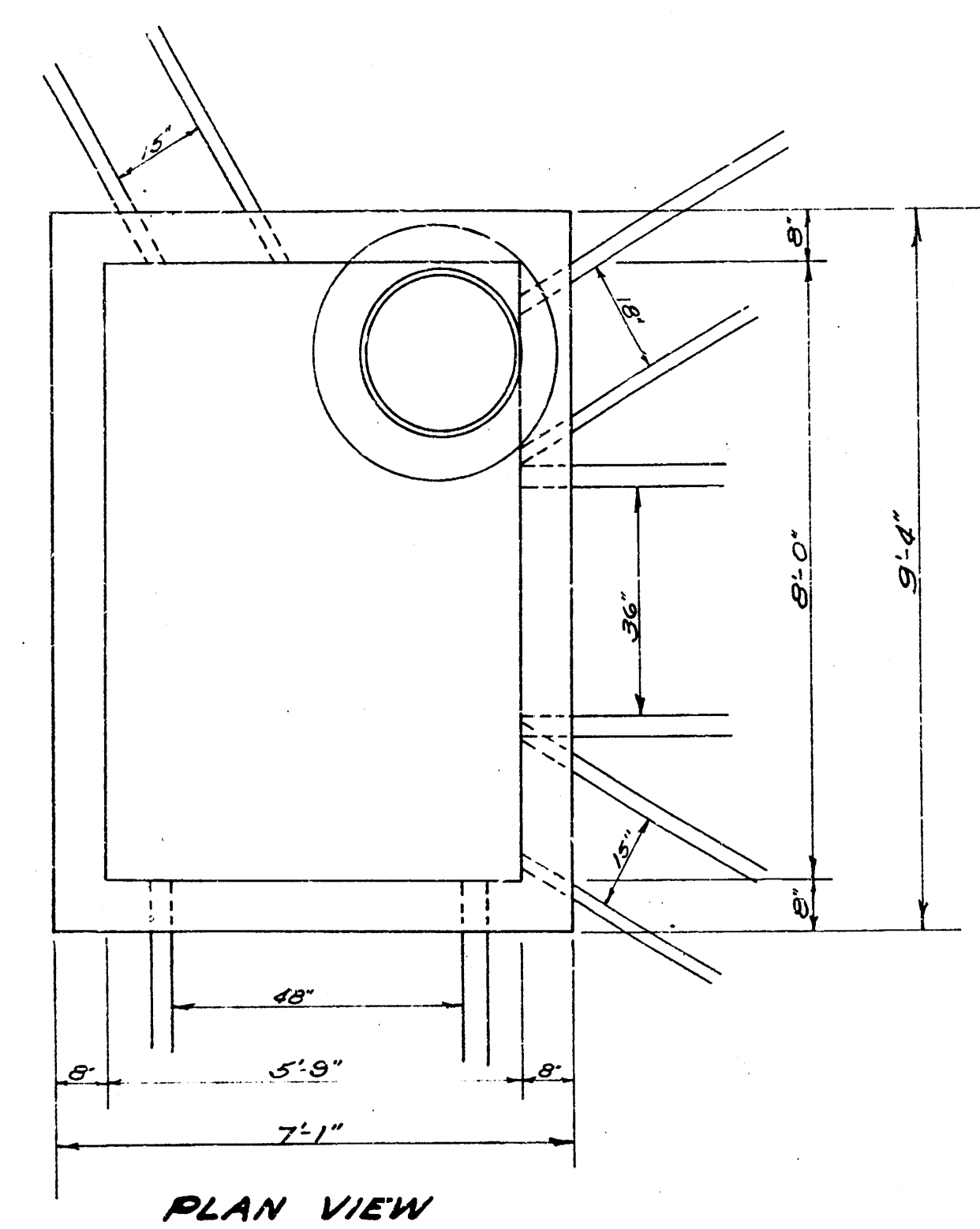
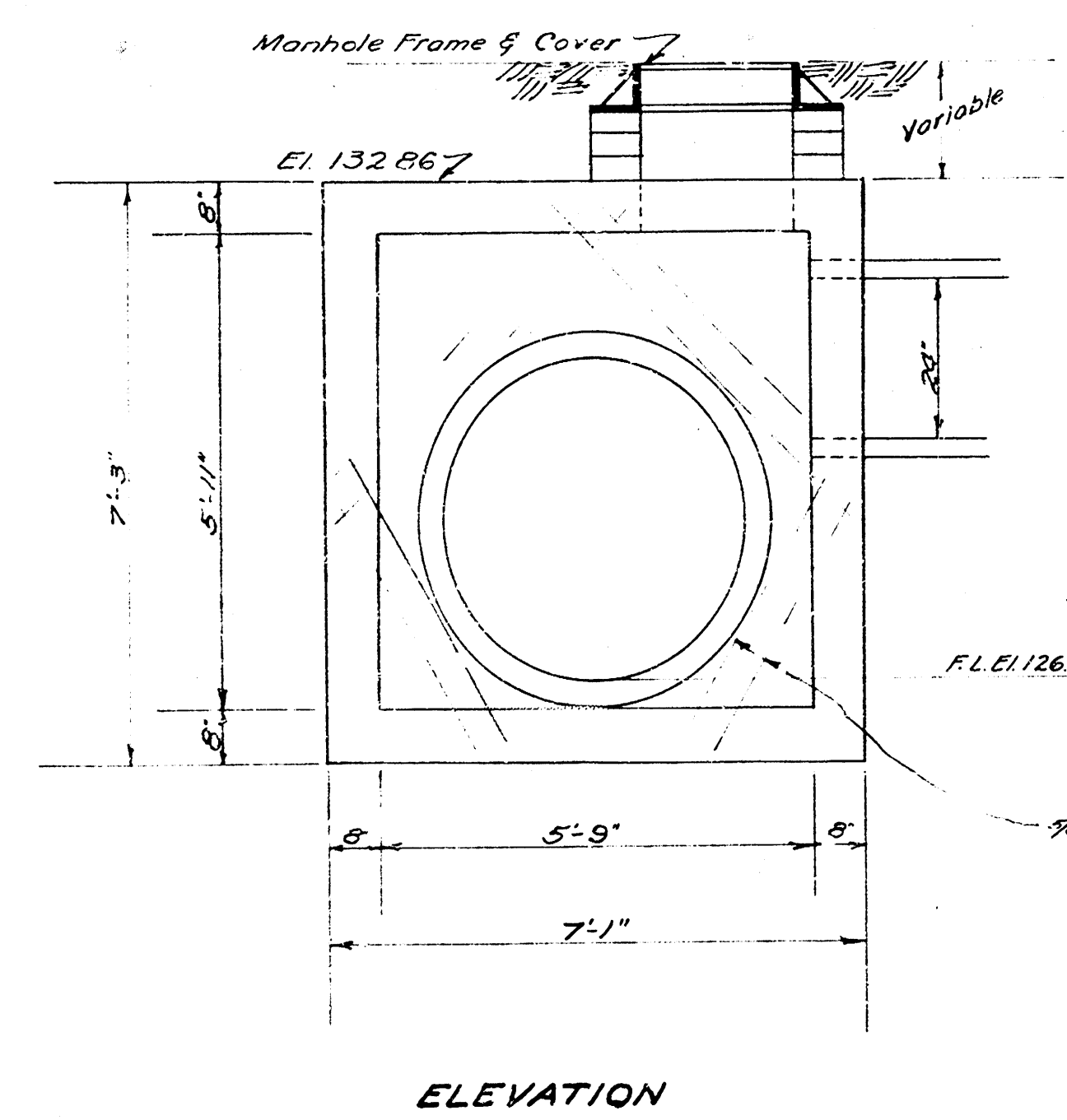
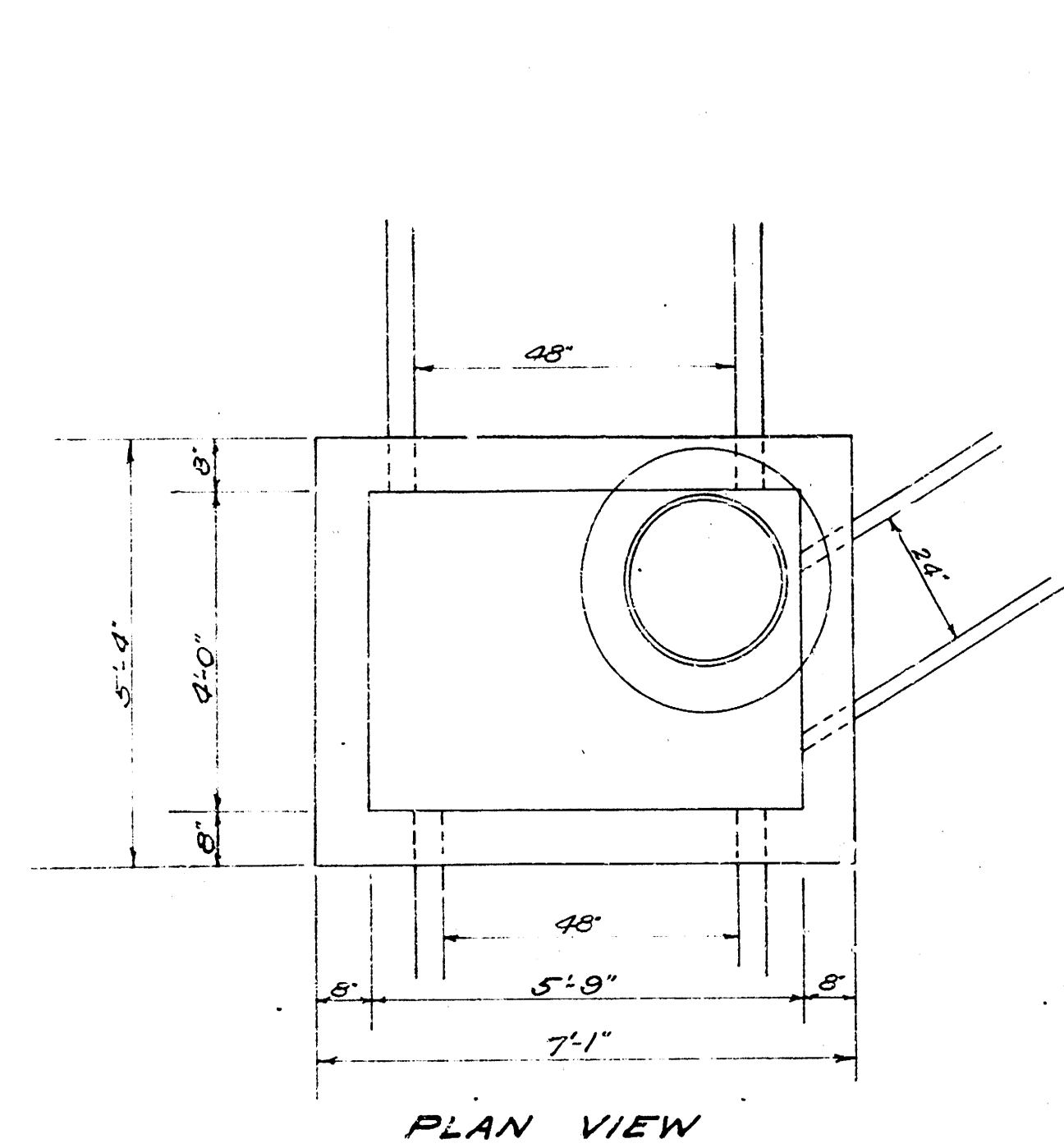
MANHOLE STA. 16+60.6 LINE 1
0+00 LINE 2



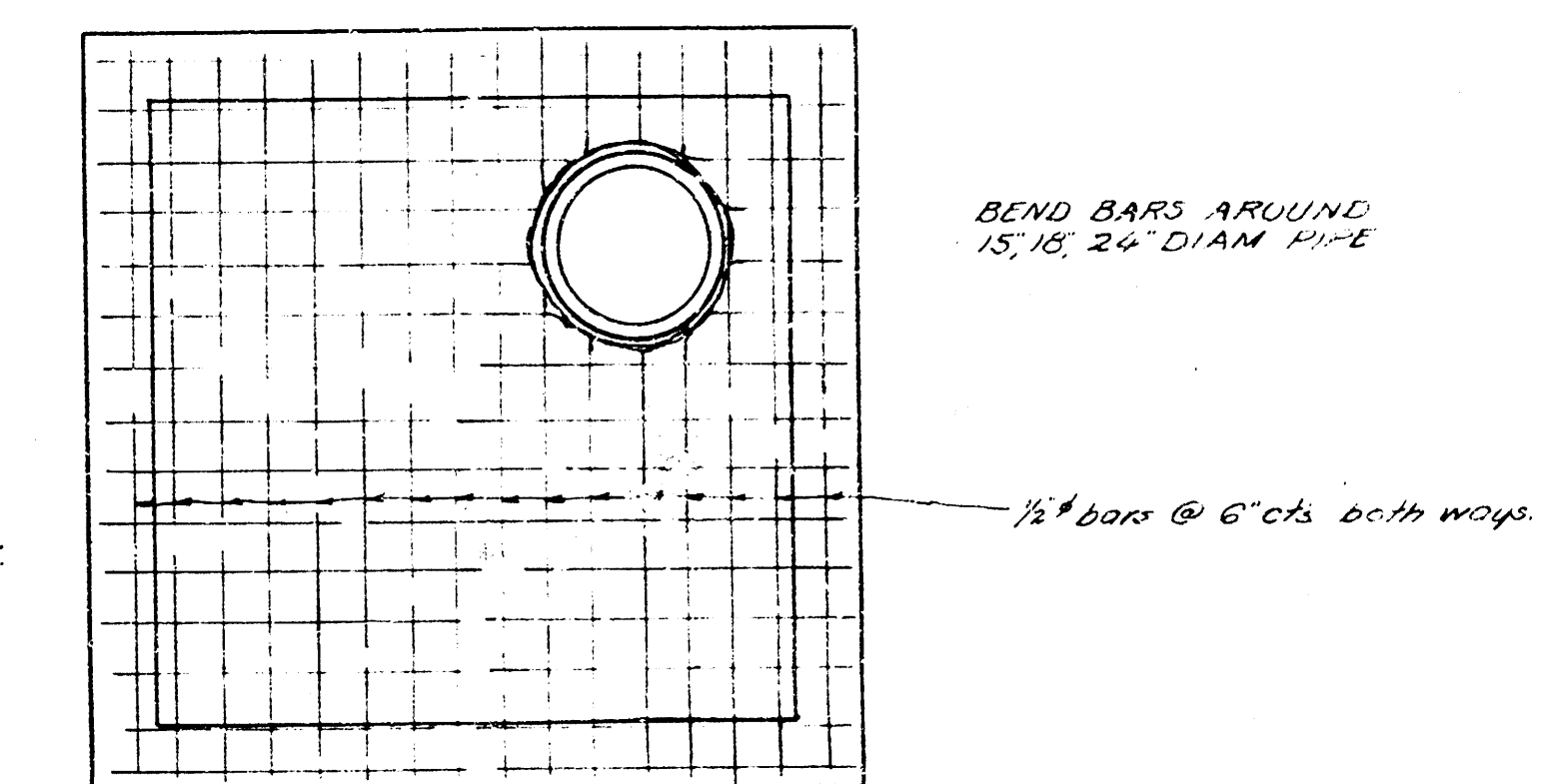
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MANHOLE STA. 2+32.5 LINE 2

MANHOLE STA. 9+66.3 LINE 2



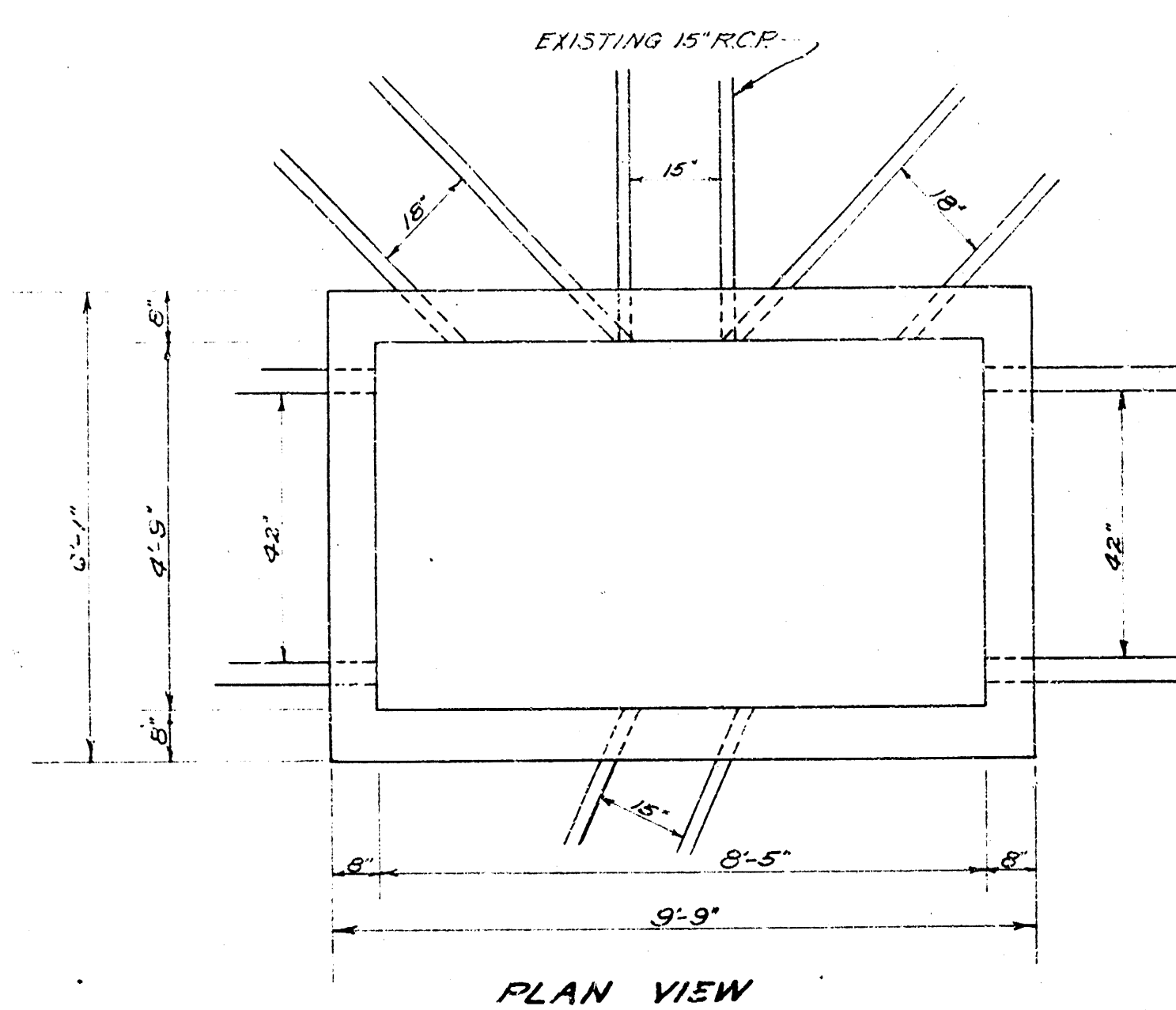
TYPICAL SEC. TOP & BOTTOM
STEEL PATTERN



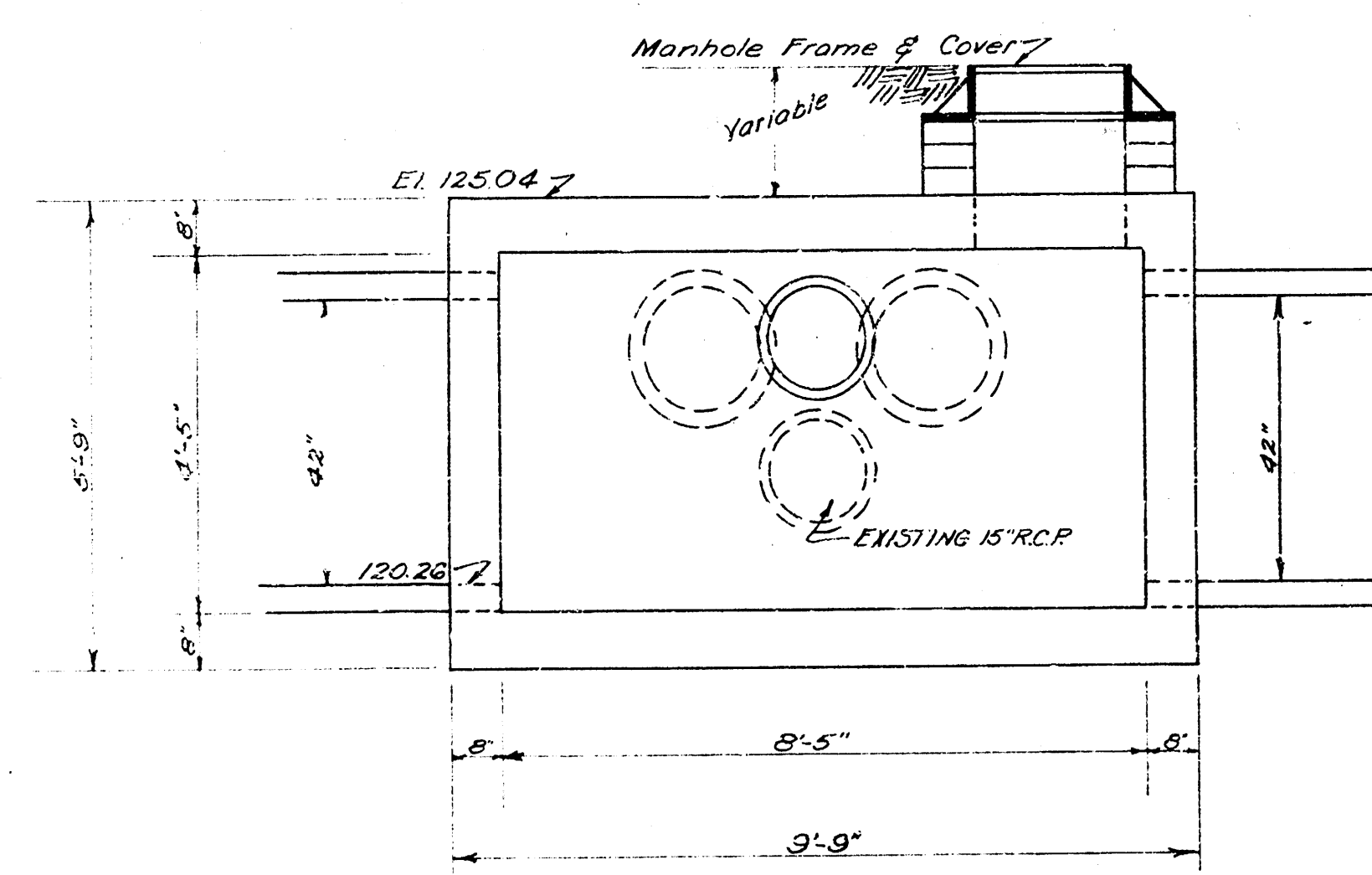
TYPICAL WALL SECTION
STEEL PATTERN

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MANHOLE STA. 7+04.8 LINE 1A



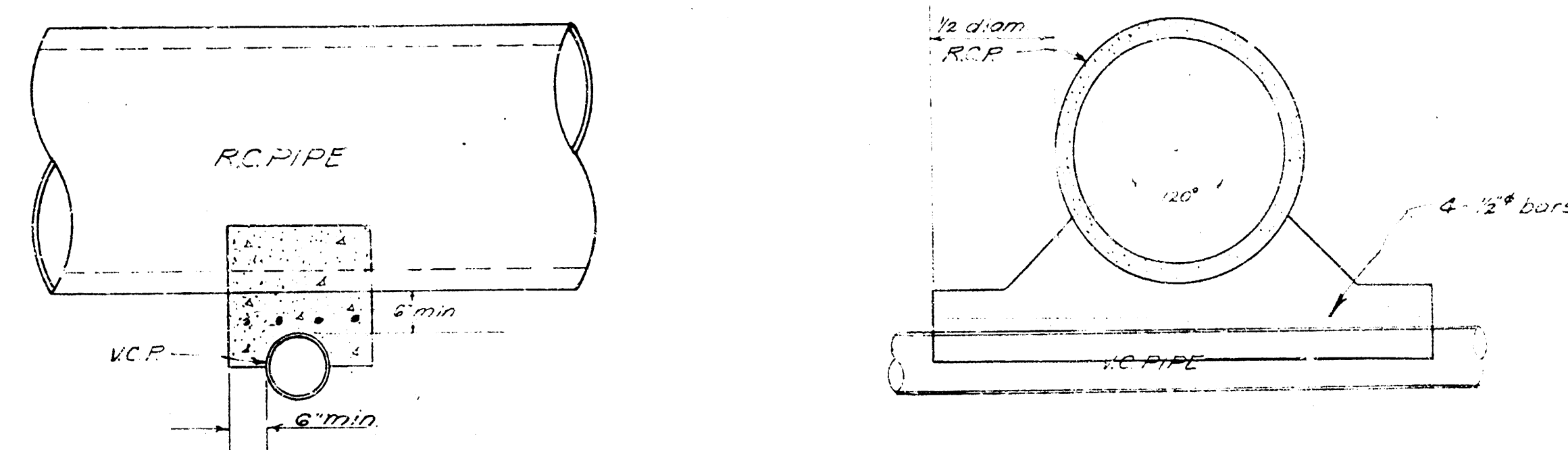
PLAN VIEW



ELEVATION

CONCRETE ENCASEMENT DETAIL

No Scale



Concrete encasement of VCP pipe at all points where RCP pipe crosses, as required by the field engineer.

Concrete for manholes shall contain not less than 165 bbls of cement per cubic yard of concrete. In no event shall the total water content exceed 6.25 gallons per sack of cement. The mixture of fine and coarse aggregate shall be such as will produce a maximum density of the most workable mixture.

IN GENERAL: Pipes will enter and leave the manholes at various angles and elevations. Where possible bend rebar around pipes (24" diam or less). Where pipes are large use 1/2" diagonal bars as shown.

The floor of the manhole is to be shaped for flow and drainage with concrete. No deduction 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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