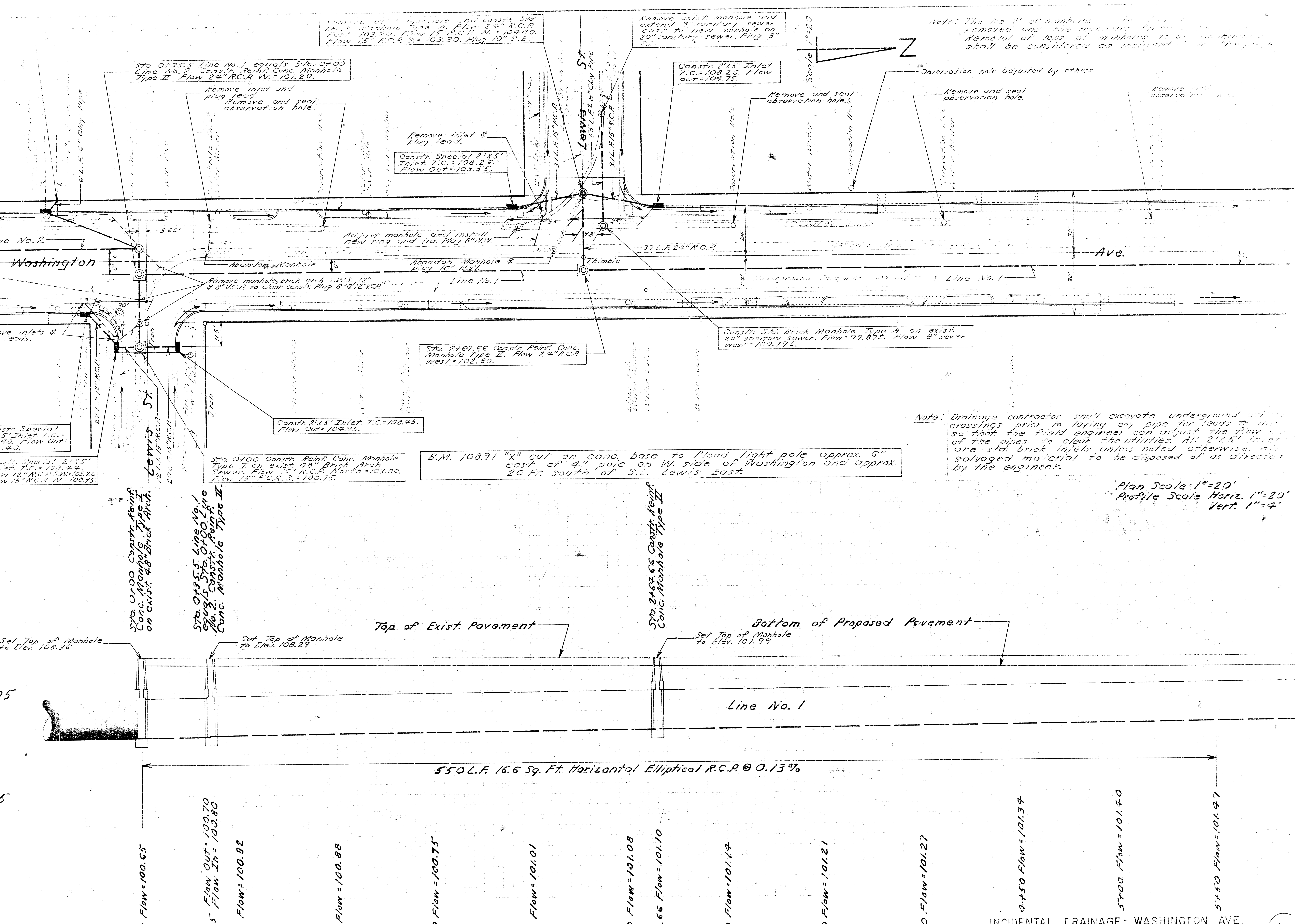
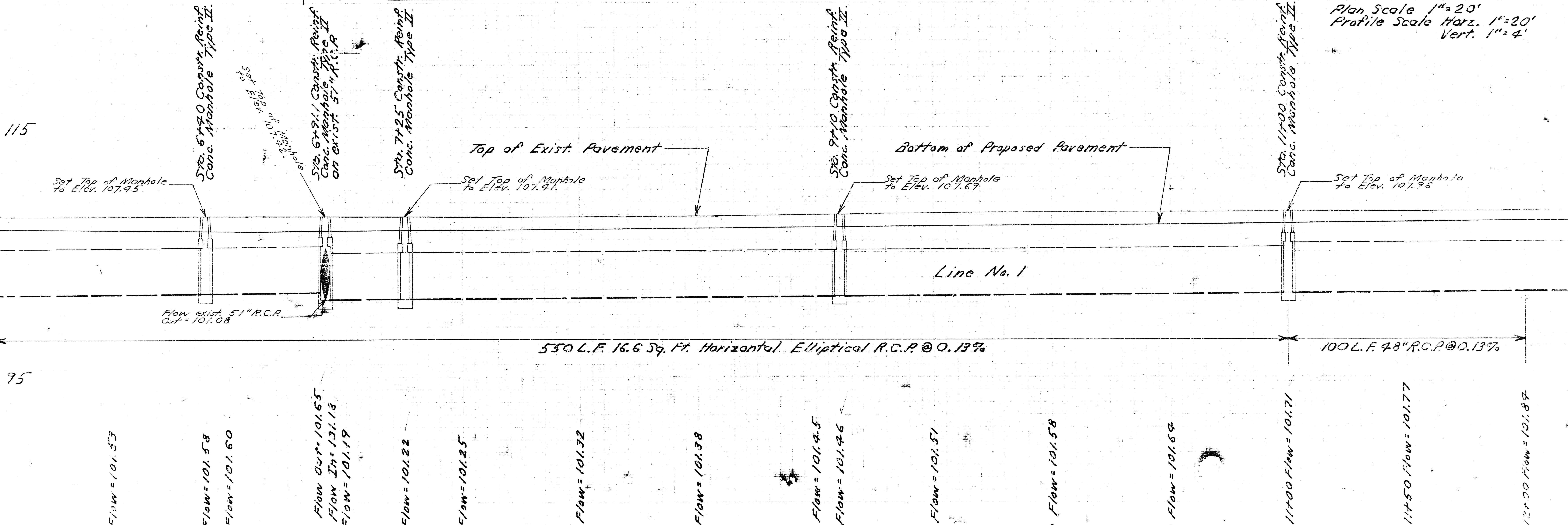
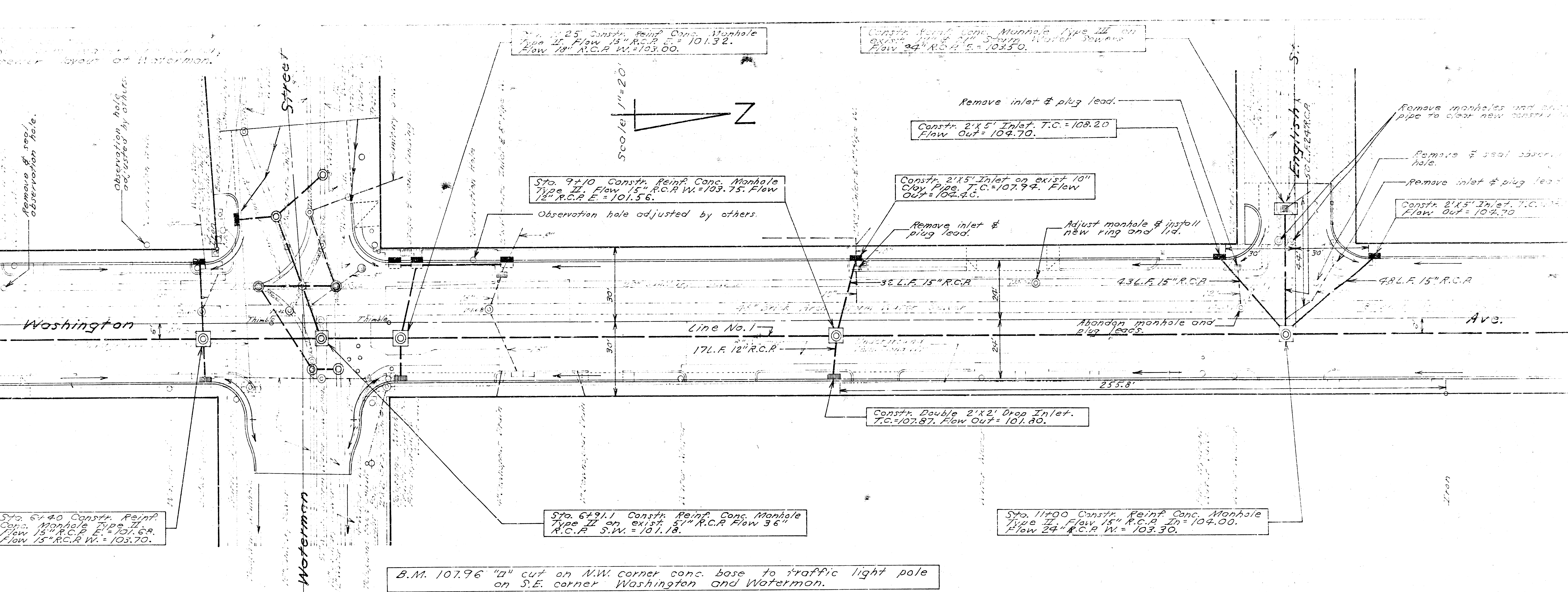
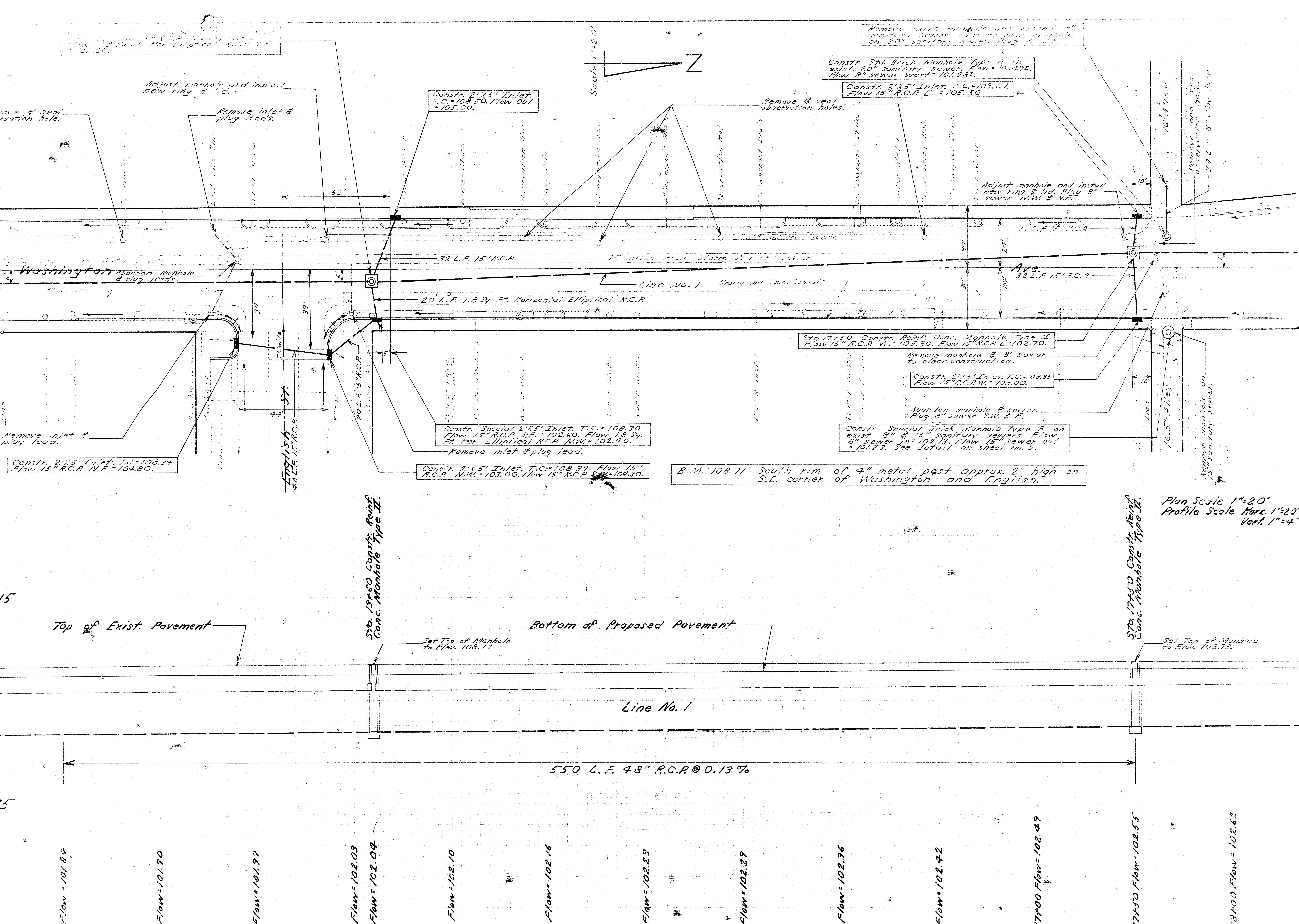
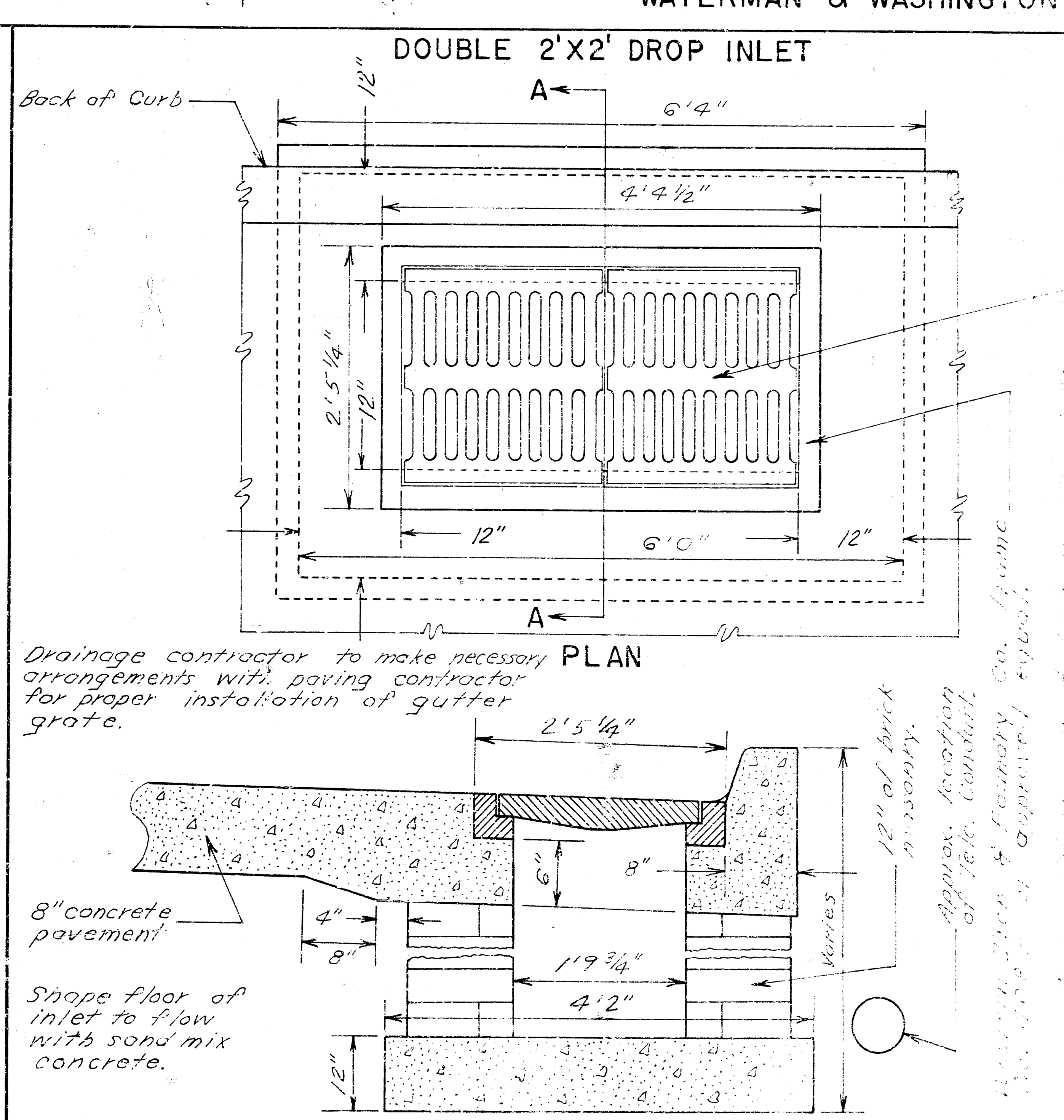
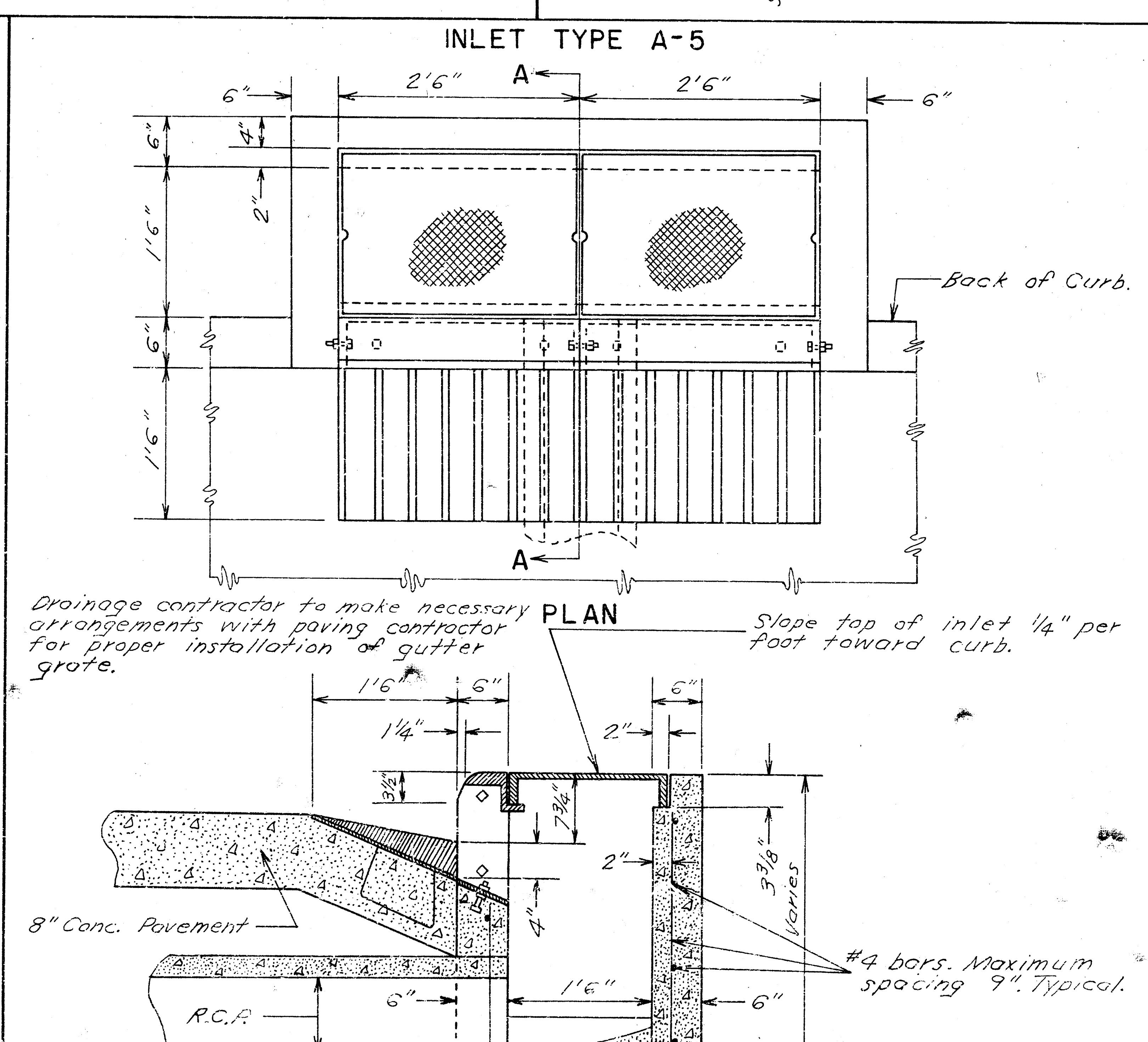
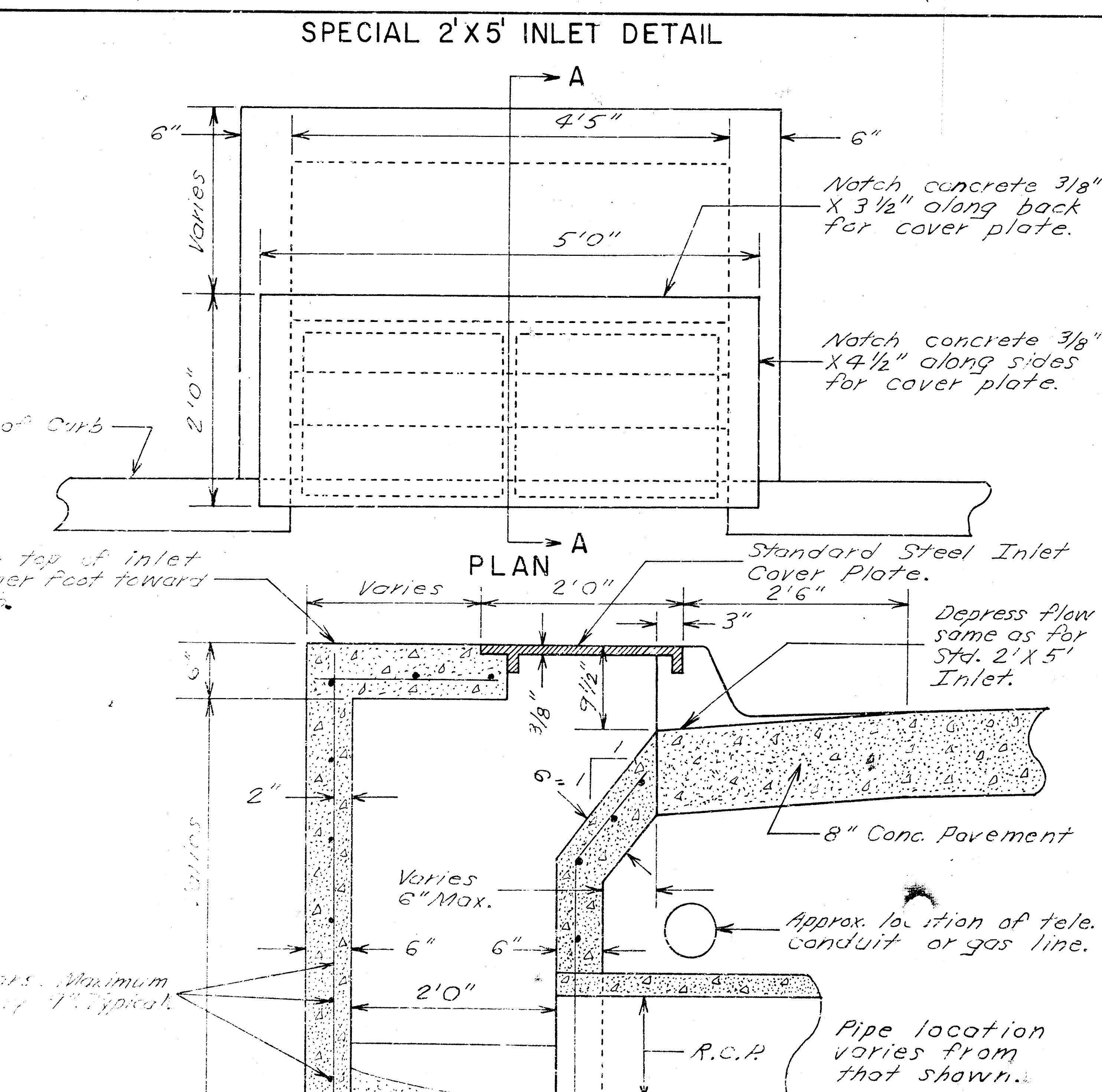
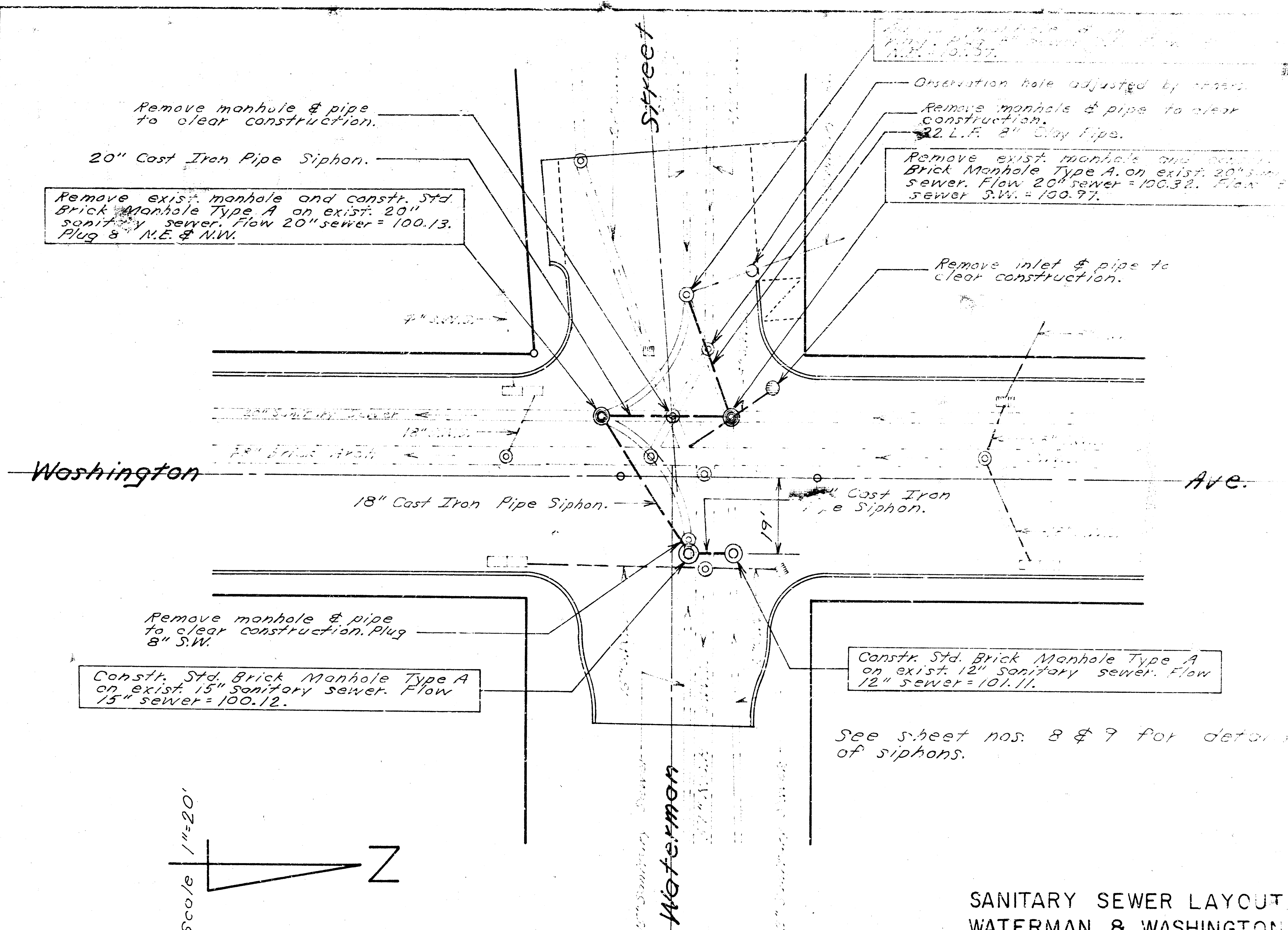
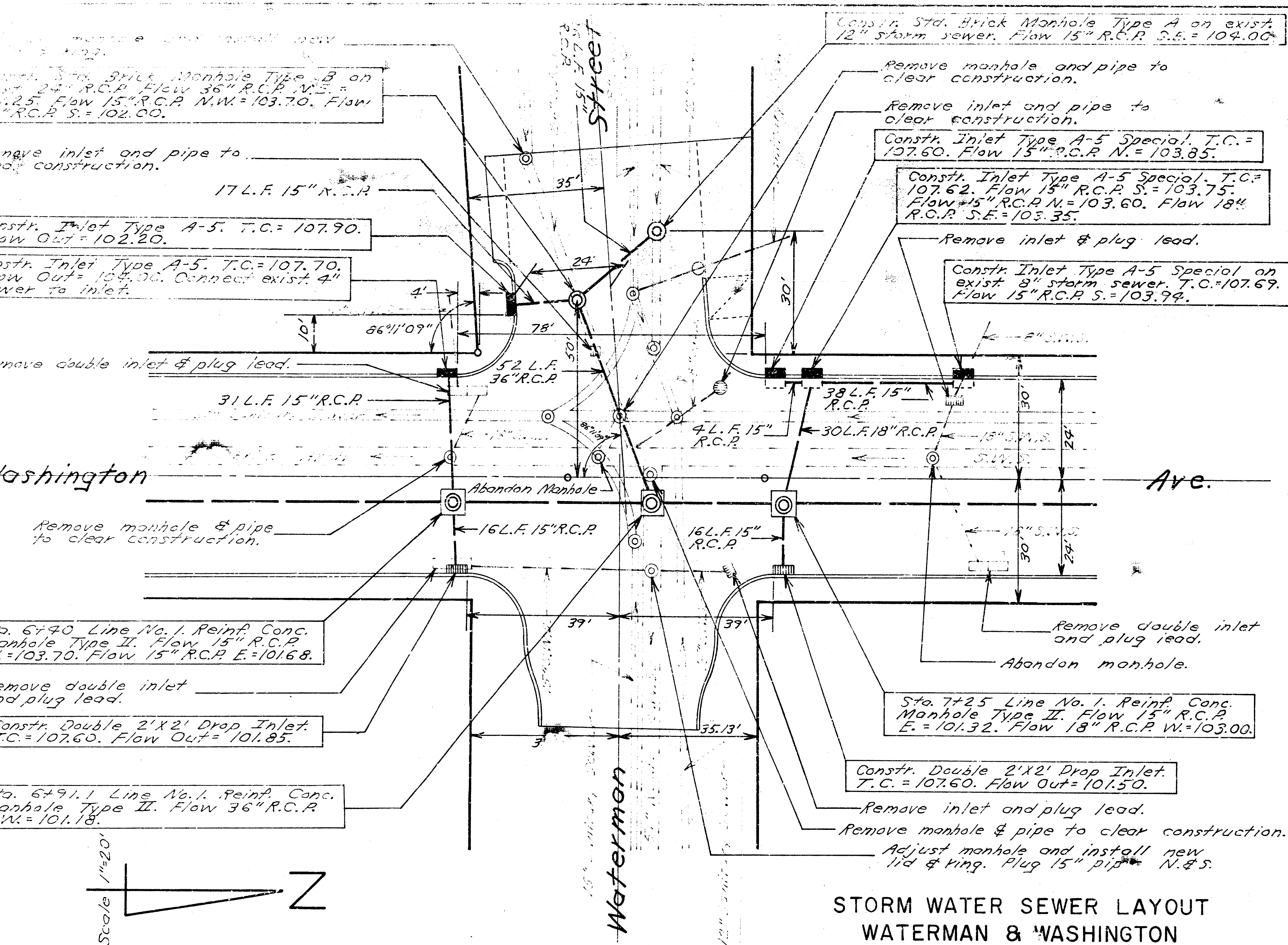


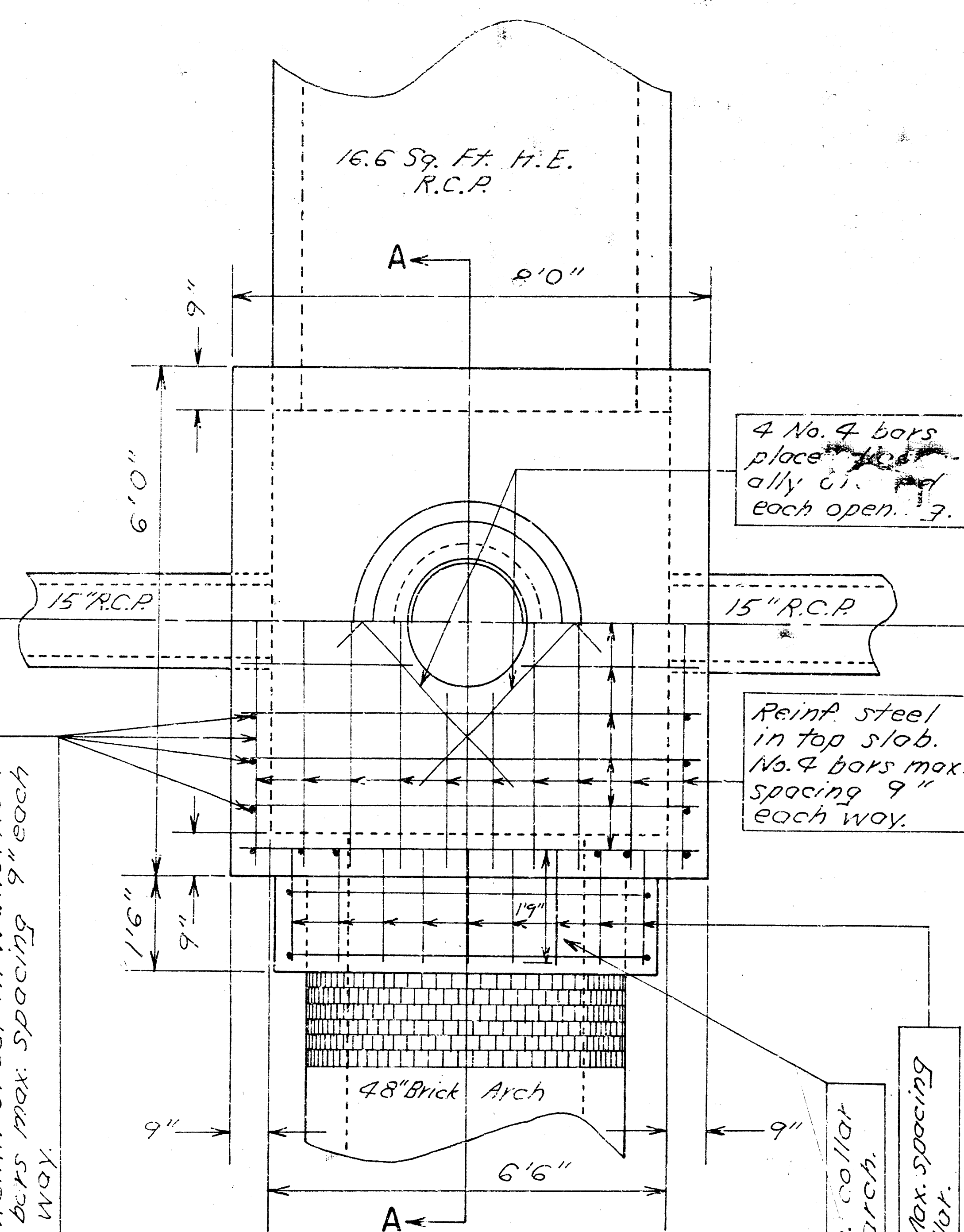




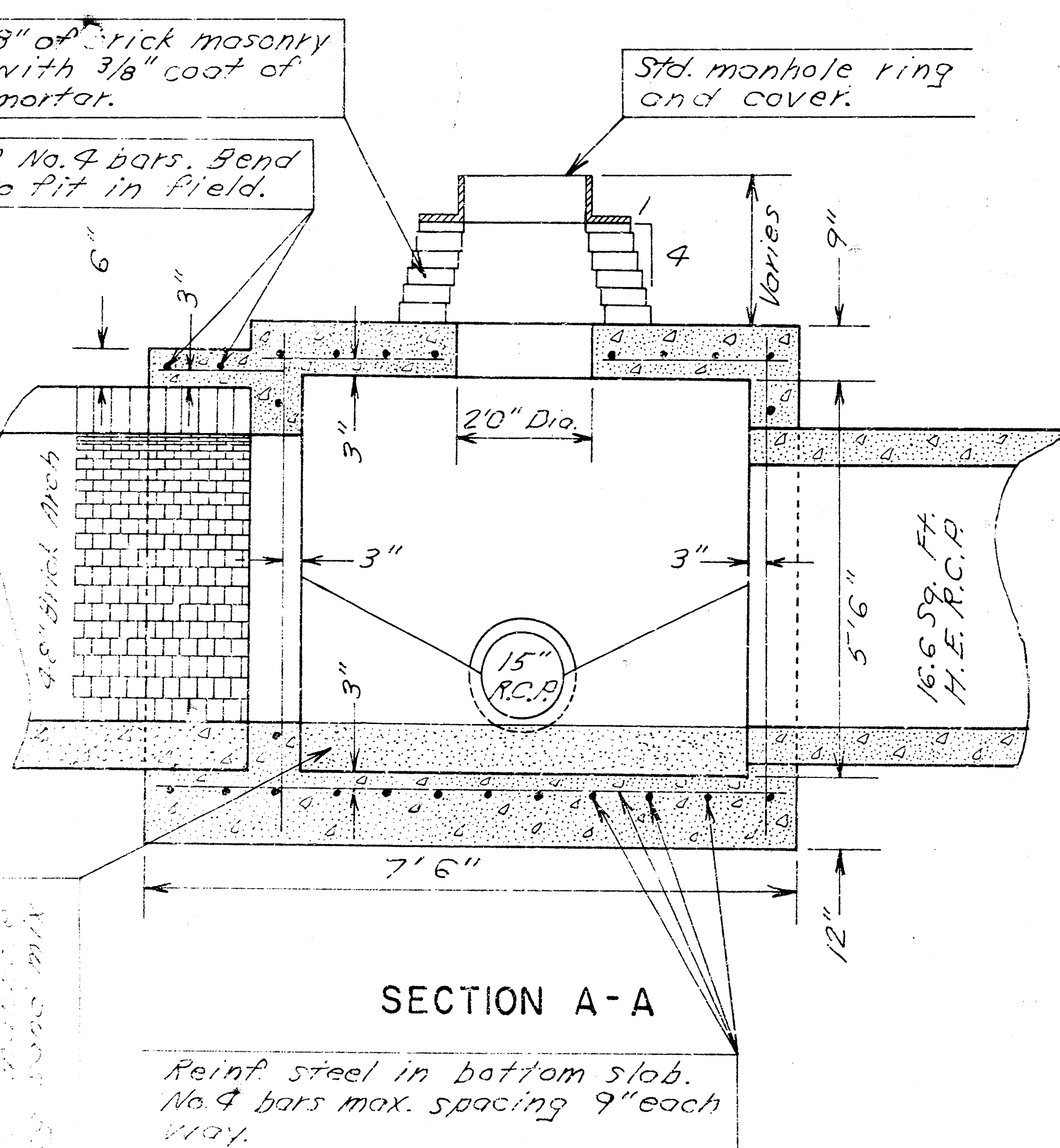




REINF. CONC. MANHOLE TYPE I

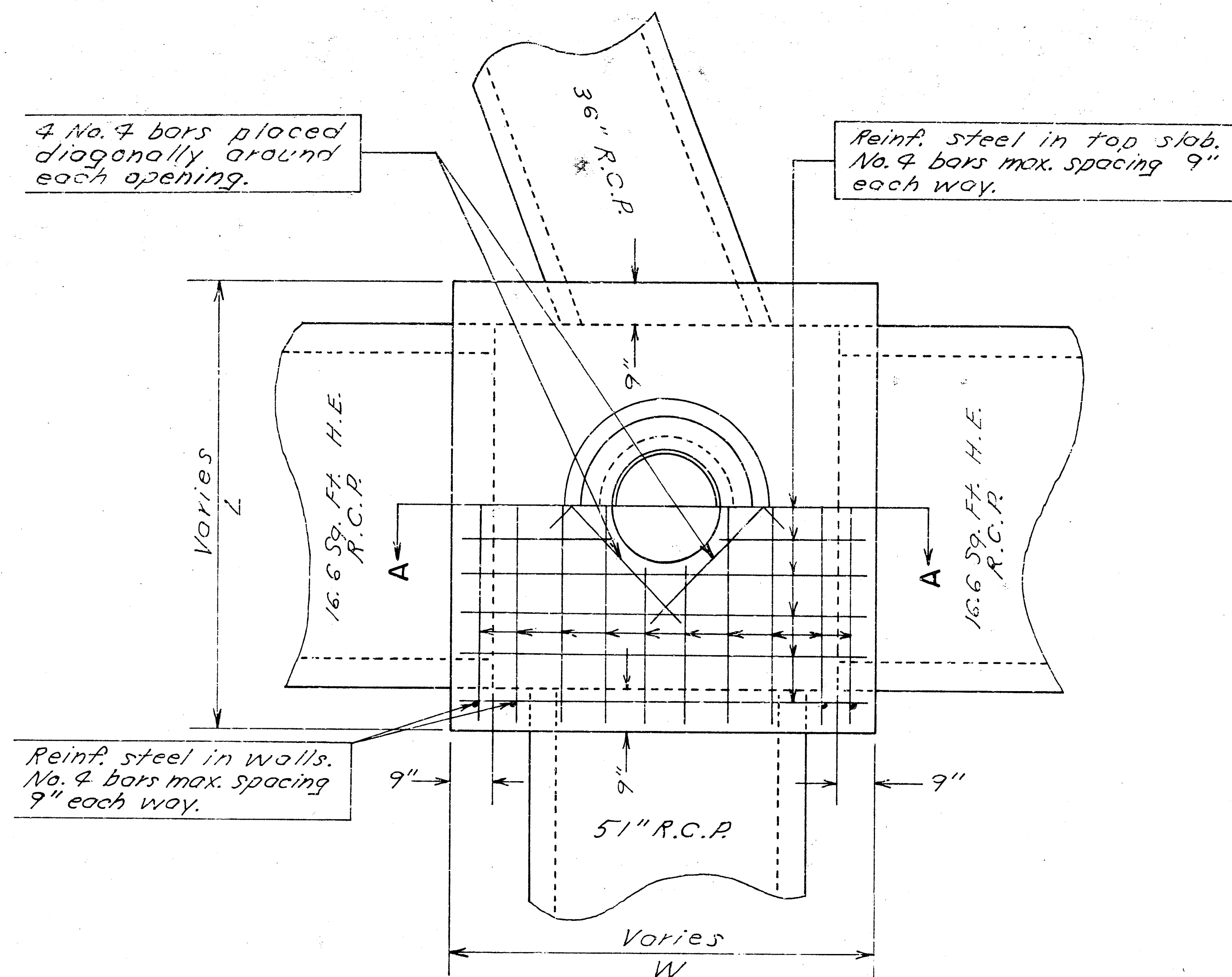


PLAN



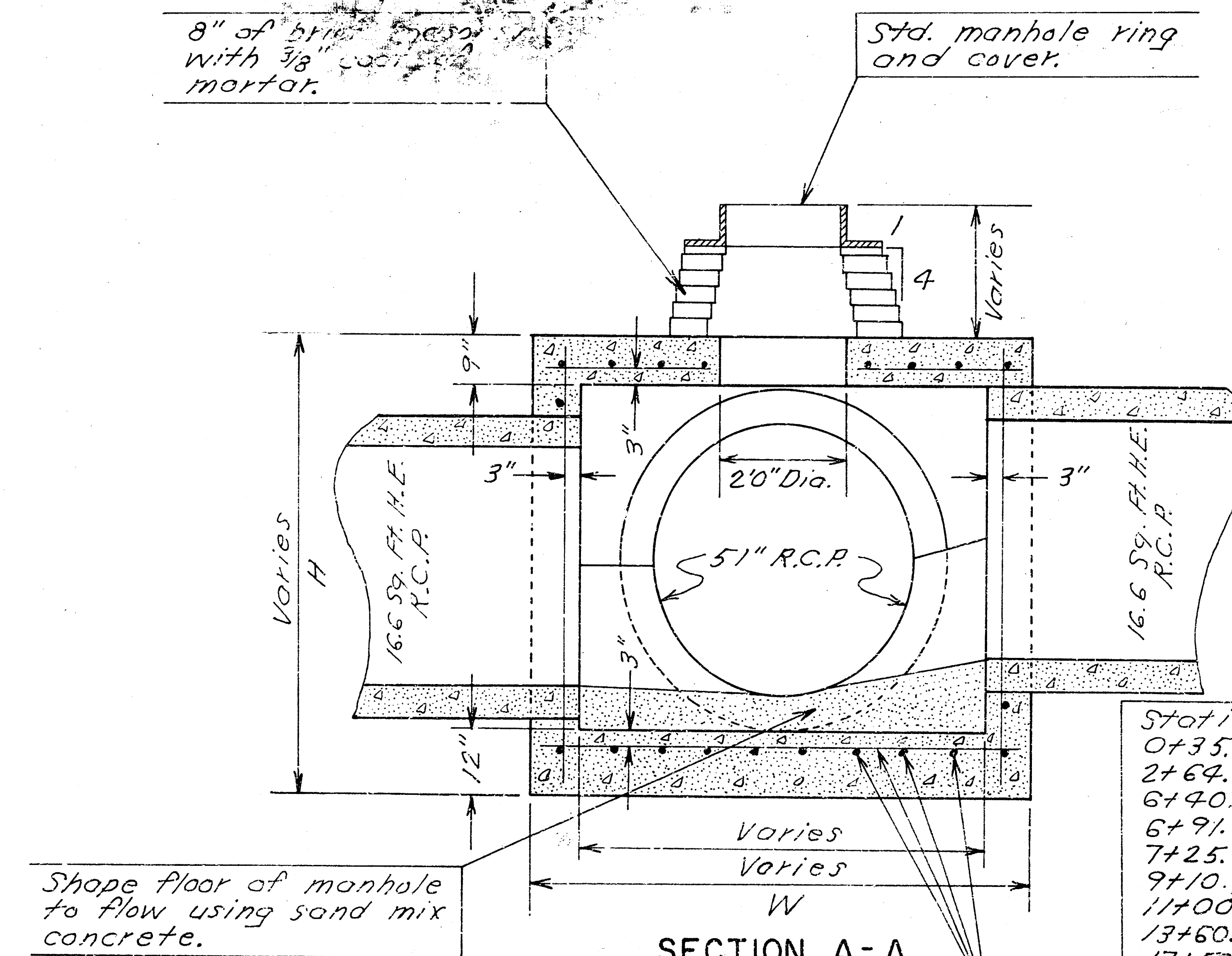
SECTION A-A

REINF. CONC. MANHOLE TYPE II



PLAN

Note: Top sizes and locations shown are for manhole at Sta. 5+91.10. Pipe locations and sizes vary from those shown for manholes at other locations.

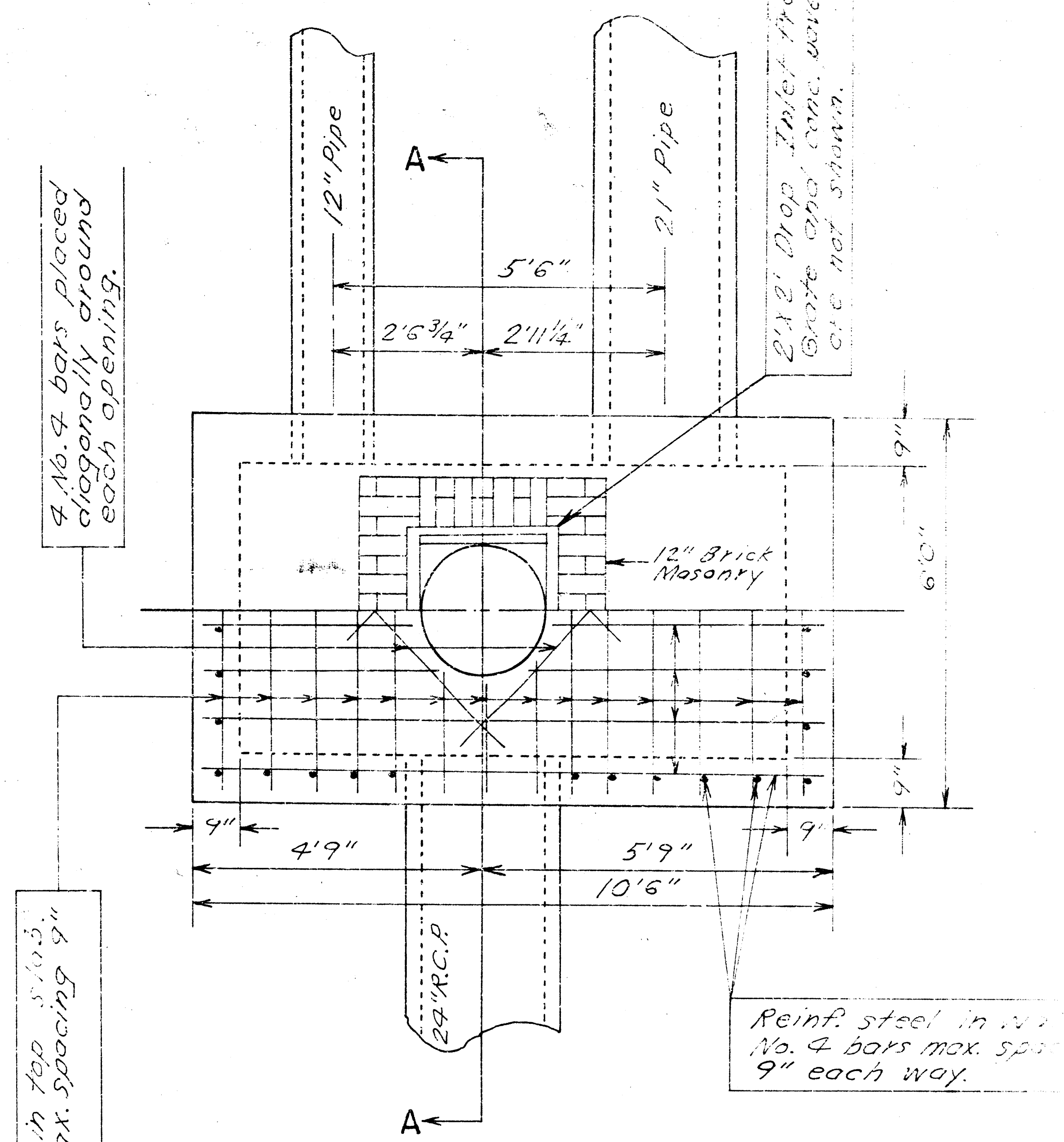


SECTION A-A

Station	H	L	W
0+35.50	6'6"	8'0"	8'0"
2+64.66	6'6"	8'0"	6'0"
6+40.00	6'6"	8'0"	6'0"
6+91.10	7'0"	8'0"	8'0"
7+25.00	6'6"	8'0"	6'0"
9+10.00	6'6"	8'0"	6'0"
11+00.00	6'9"	8'0"	8'0"
13+60.00	6'9"	6'6"	6'0"
17+50.00	6'9"	6'6"	6'0"

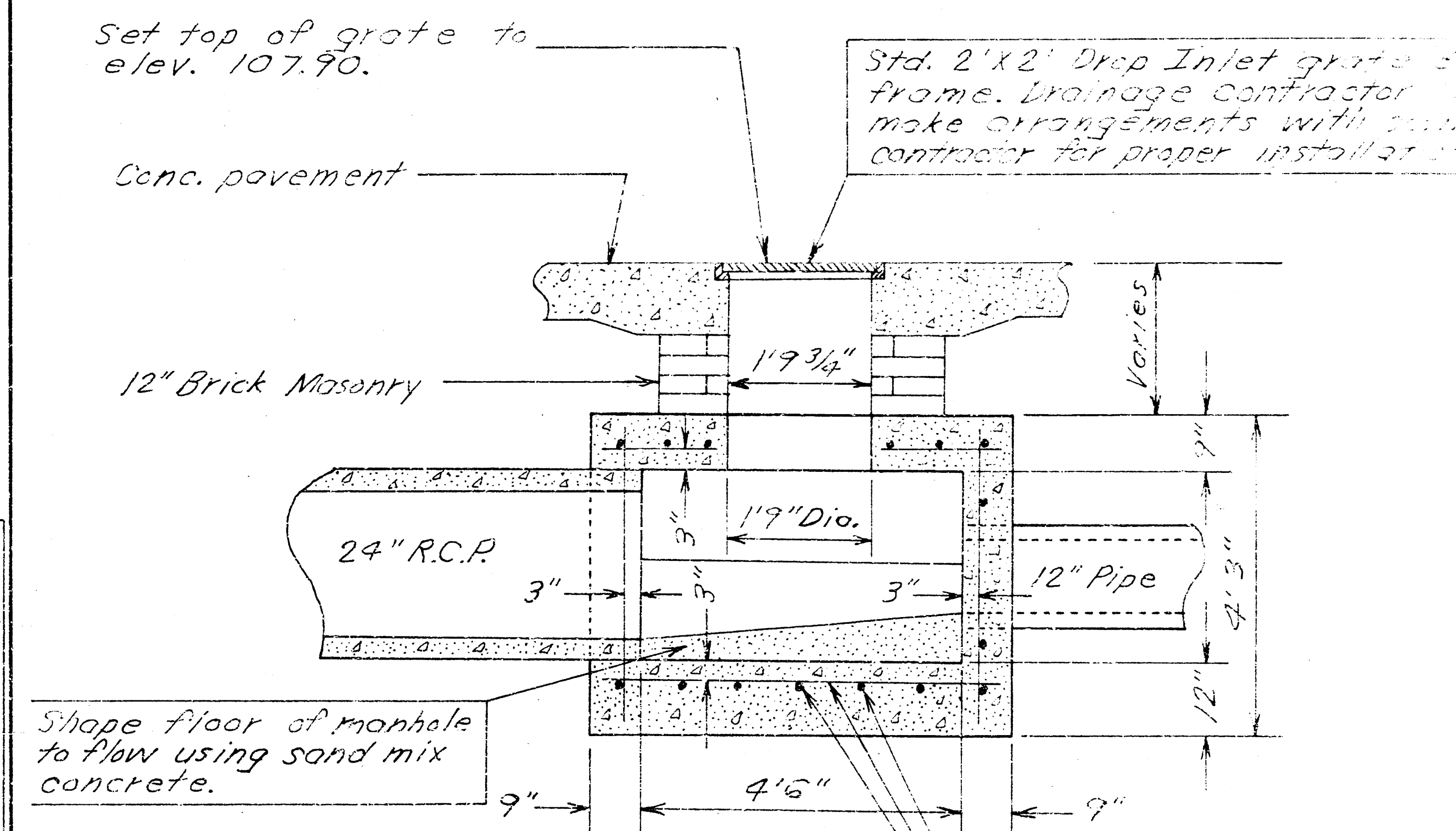
Note: Dimension "L" is perpendicular to

REINF. CONC. MANHOLE TYPE III



PLAN

Note: Installation of inlet frame to be same as for Std. 2'X2' Drop Inlet.



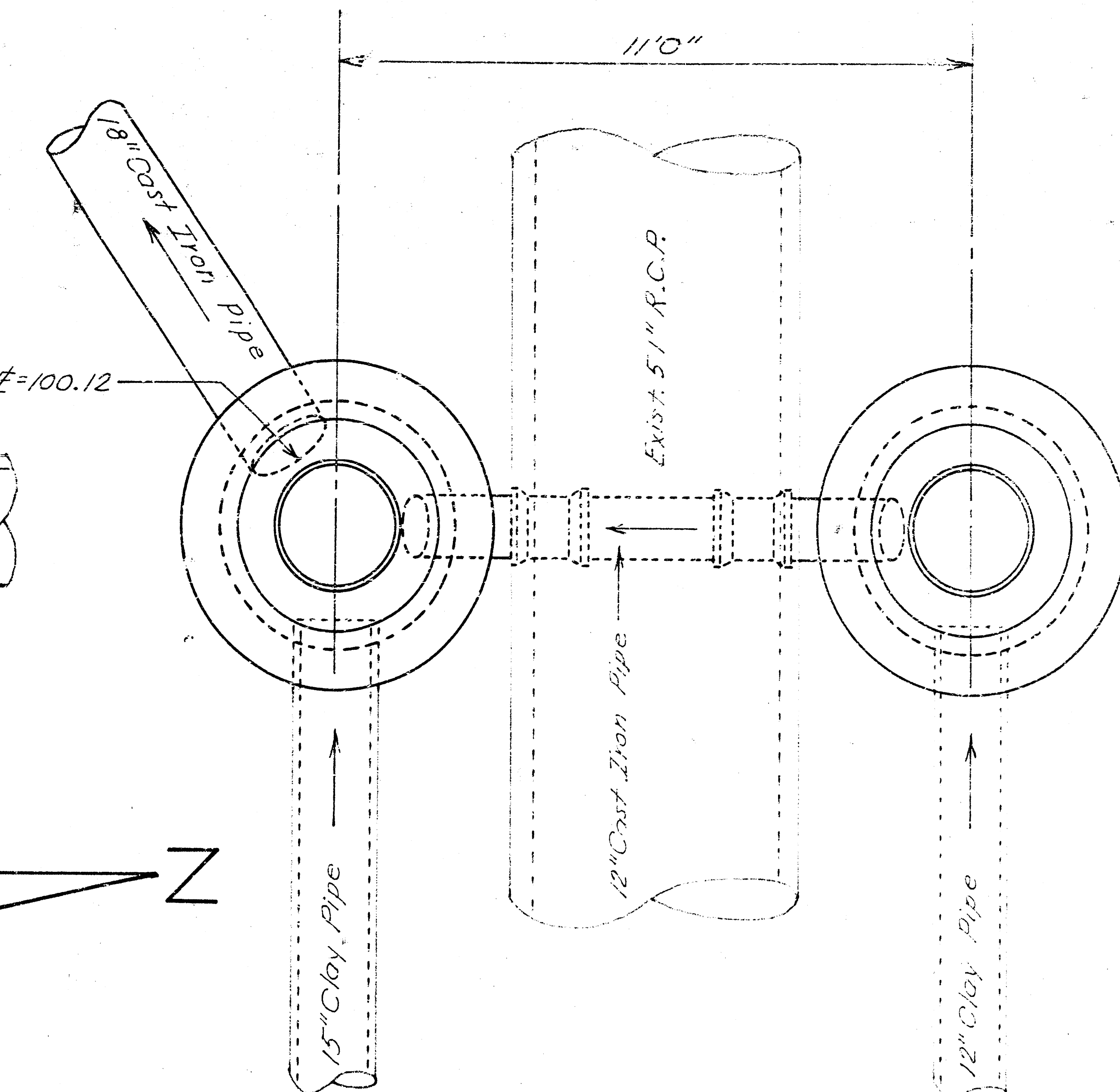
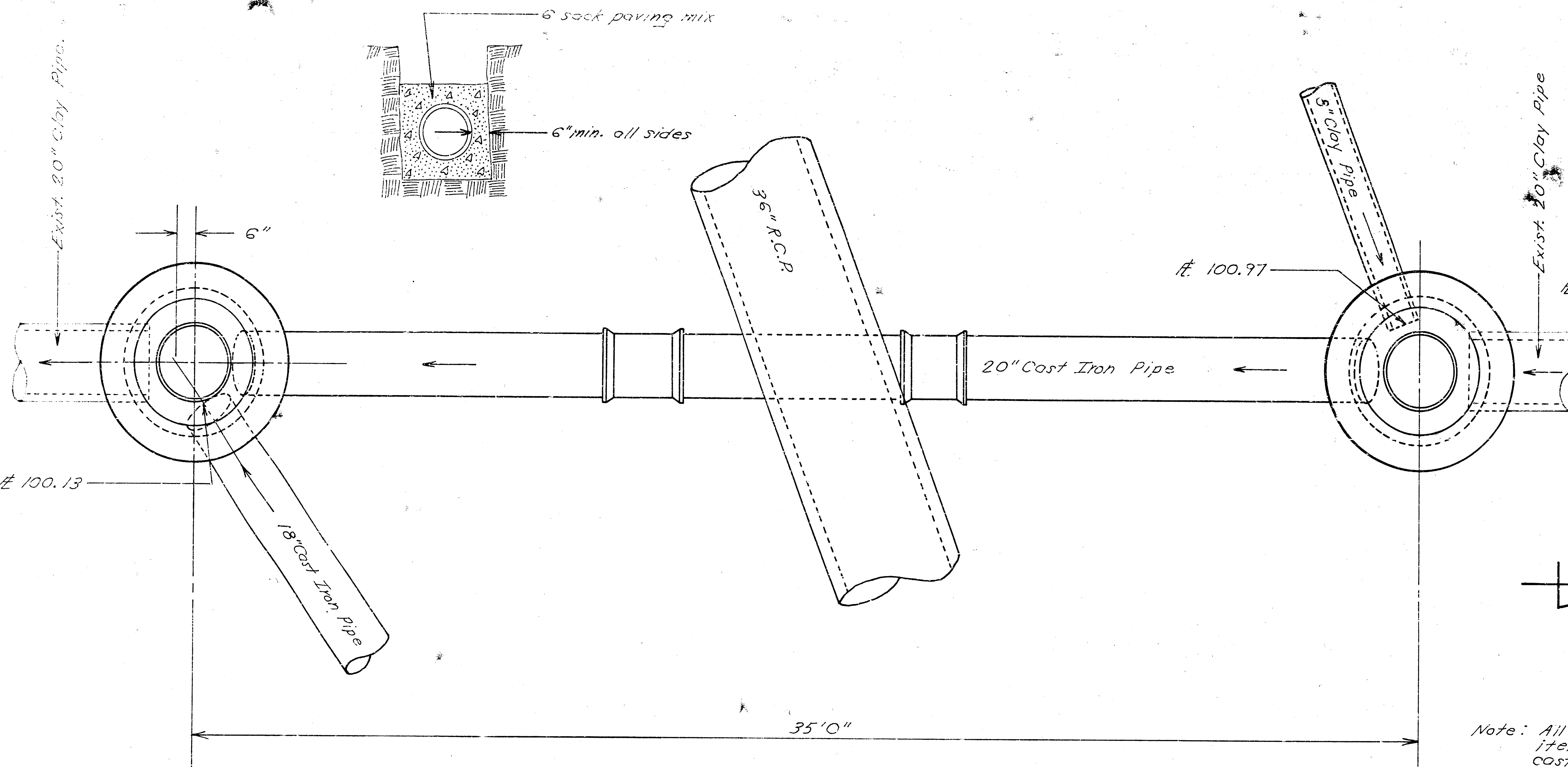
SECTION A-A

Reinf. steel in bottom slab. No. 4 bars max. spacing 9" each way.

Concrete Encasement Detail

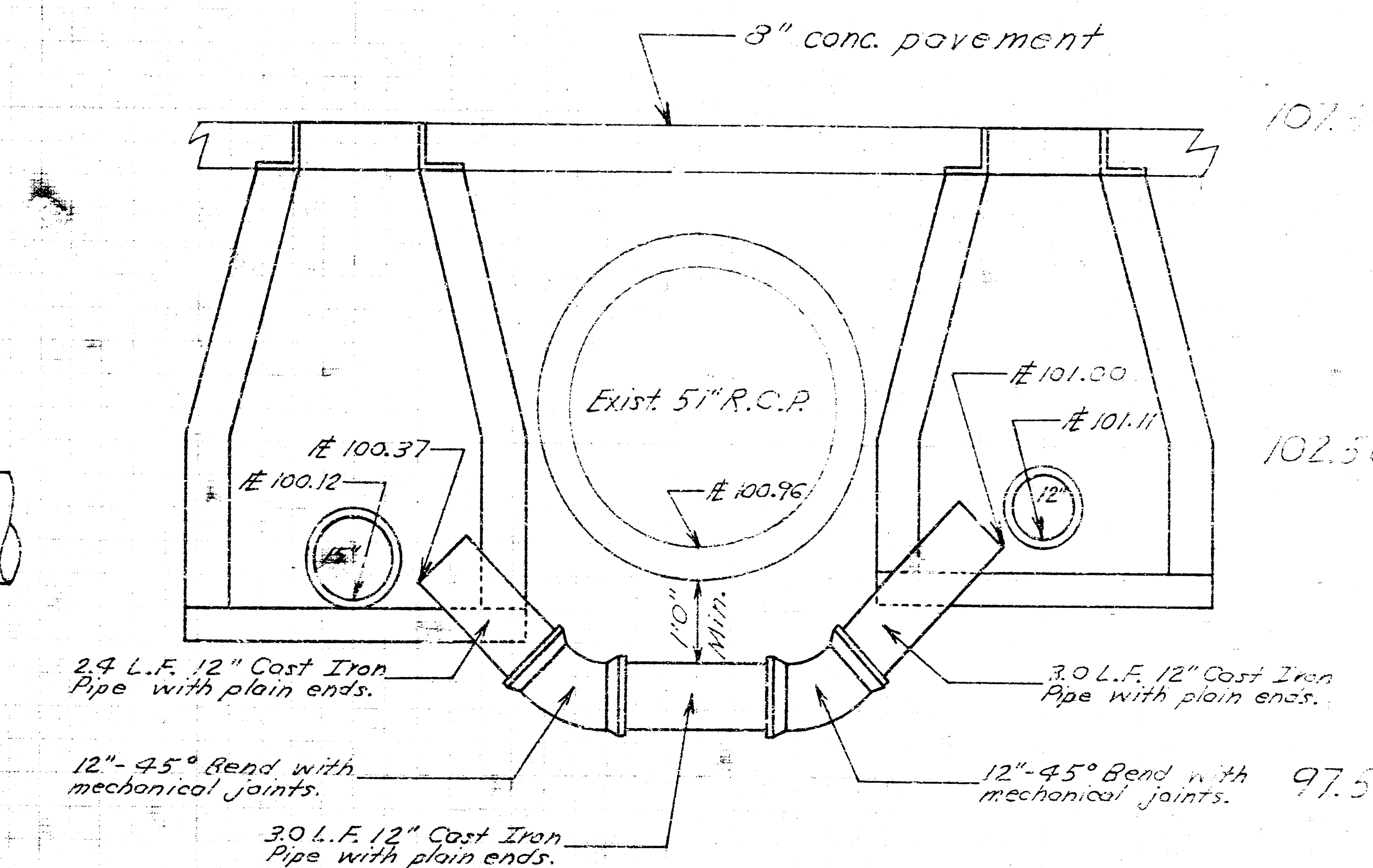
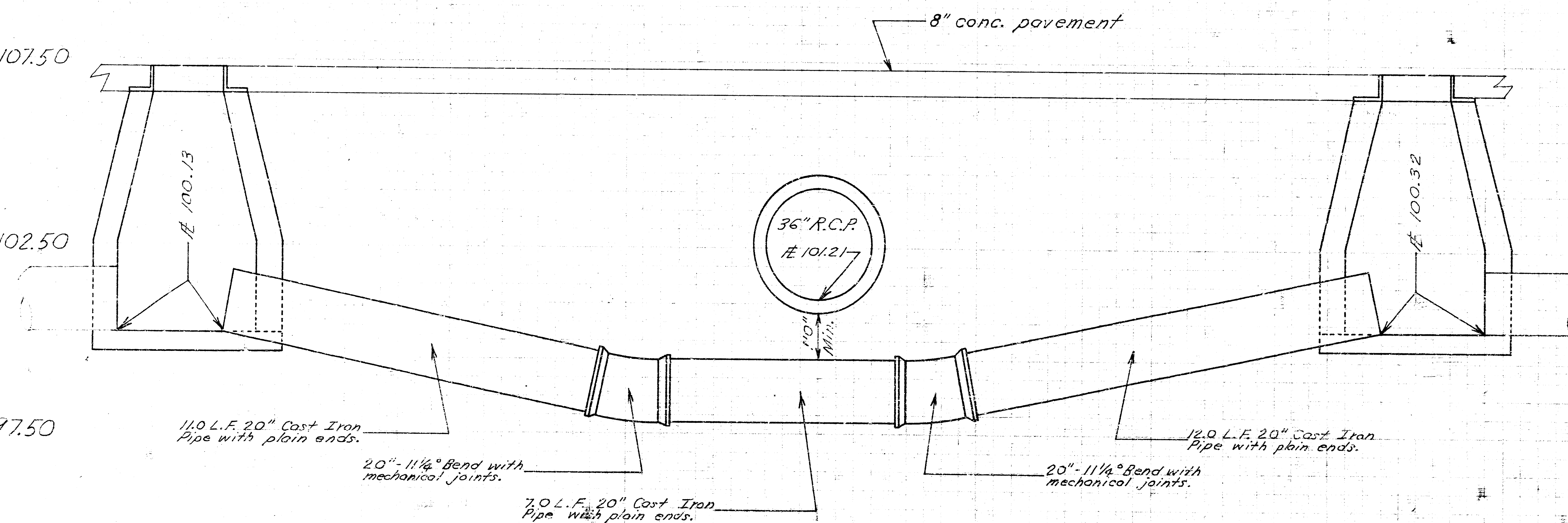
20" SIPHON DETAIL

12" SIPHON DETAIL

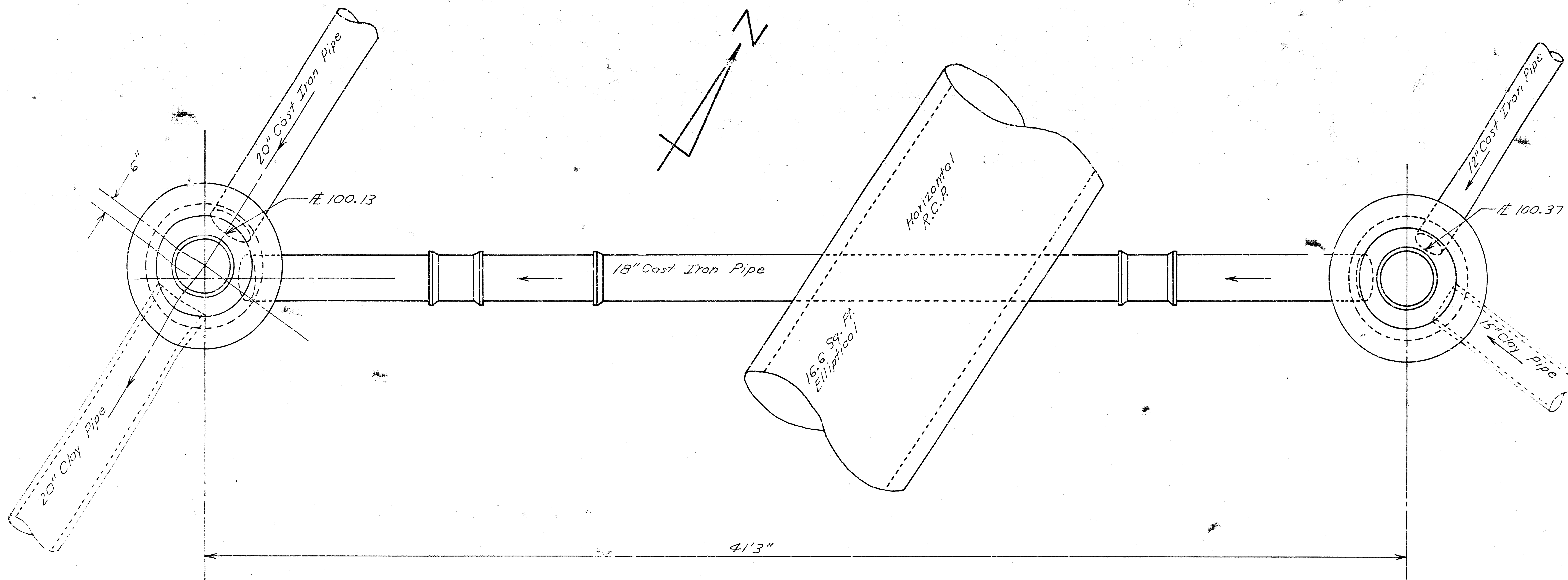


Note: All cast iron pipe siphons shall be encased with concrete. Lump sum bid item for the various size siphons shall include furnishing and placing cast iron pipe, all fittings, cast iron benches, and concrete encasement. Manholes will be paid for separately.

Plan Scale 1"=2'
Profile Scale Horiz. & Vert.



18" SIPHON DETAIL

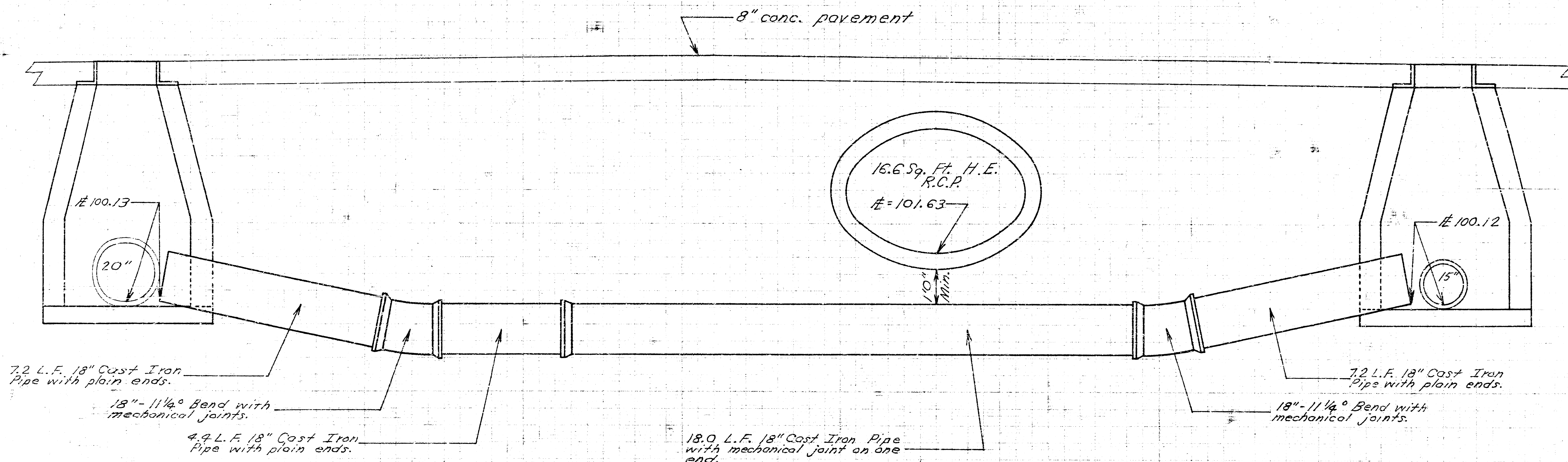


Plan Scale 1" = 2'
Profile Scale Horiz. & Vert. 1" = 2'

107.50

102.50

97.50

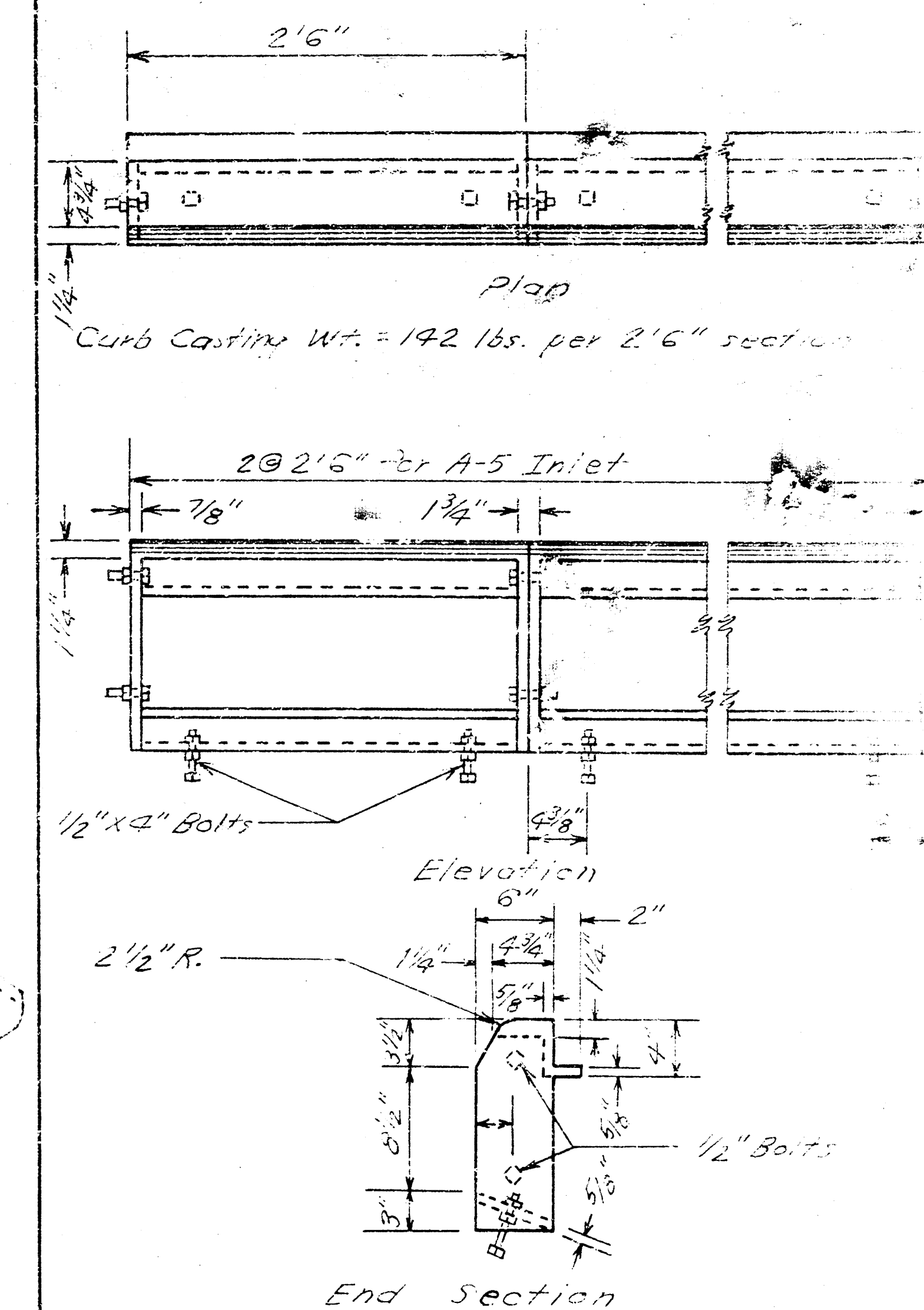


General Notes

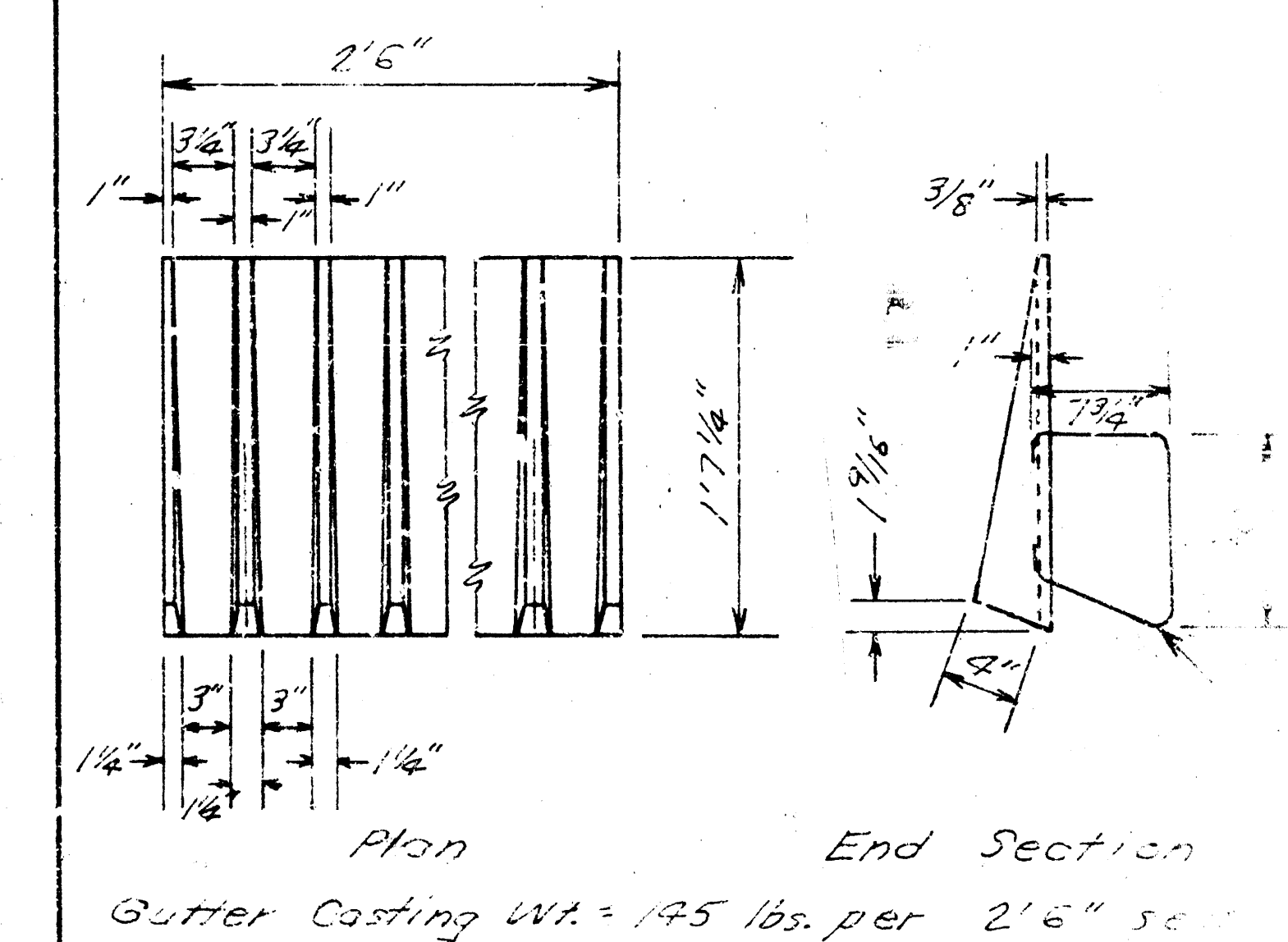
Drainage contractor to mound all excess excavated material over sewer trenches if the excavated material is used as backfill for the sewer trenches. If the sewer trenches are sand filled, the drainage contractor shall mound approx. 1,000 C.Y. of the excavated material uniformly over the sewer trenches and the remainder of the excavated material shall be disposed of by the drainage contractor. All pipe plugs shall be considered as incidental to the project. The adjustment of existing manholes and installation of new rings and covers shall be done by others. Observation holes shall be removed and sealed as shown. The brick arch sewer shall be removed where necessary to clear new construction. Brick arch sewer to be abandoned in place shall be filled with sand. The method of filling the brick arch sewer with sand

CURB & GUTTER CASTING DETAILS TYPE A-5 INLET

CURB CASTING



GUTTER CASTING



COVER PLATE

