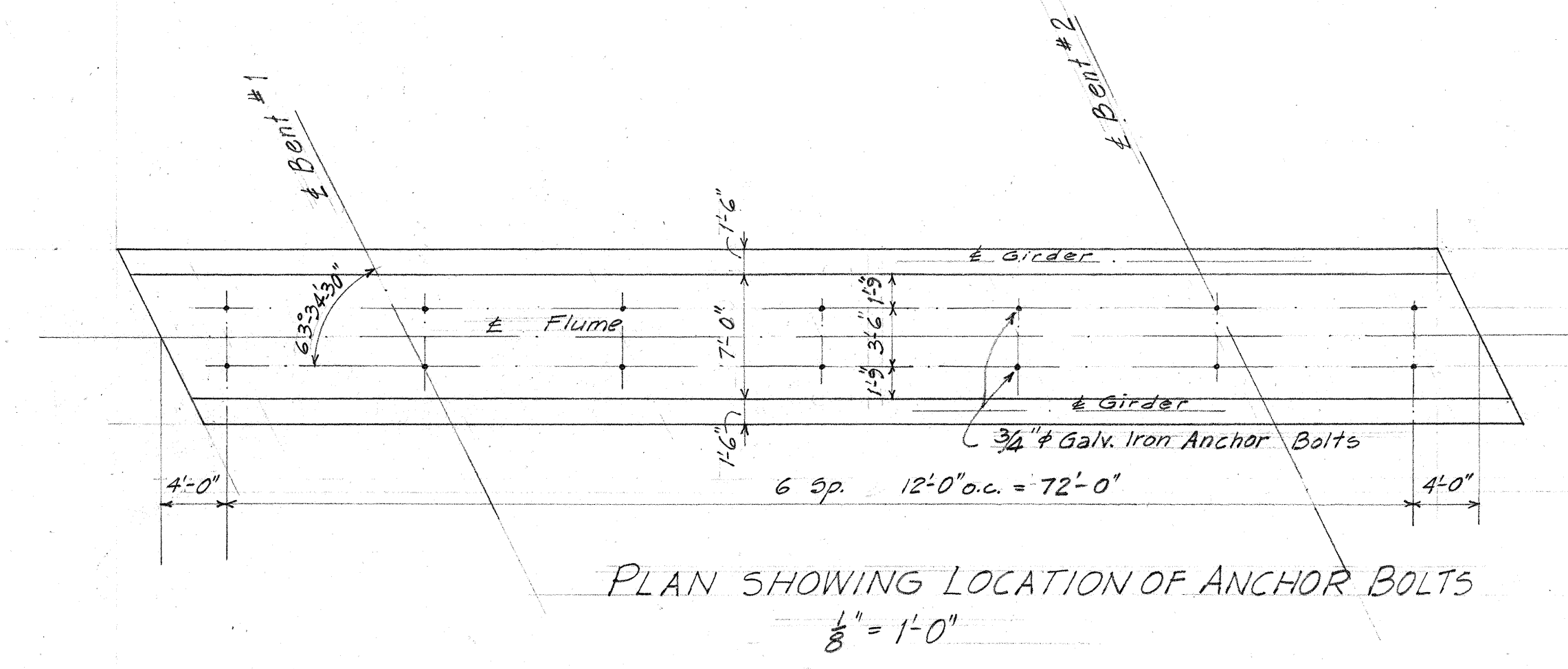
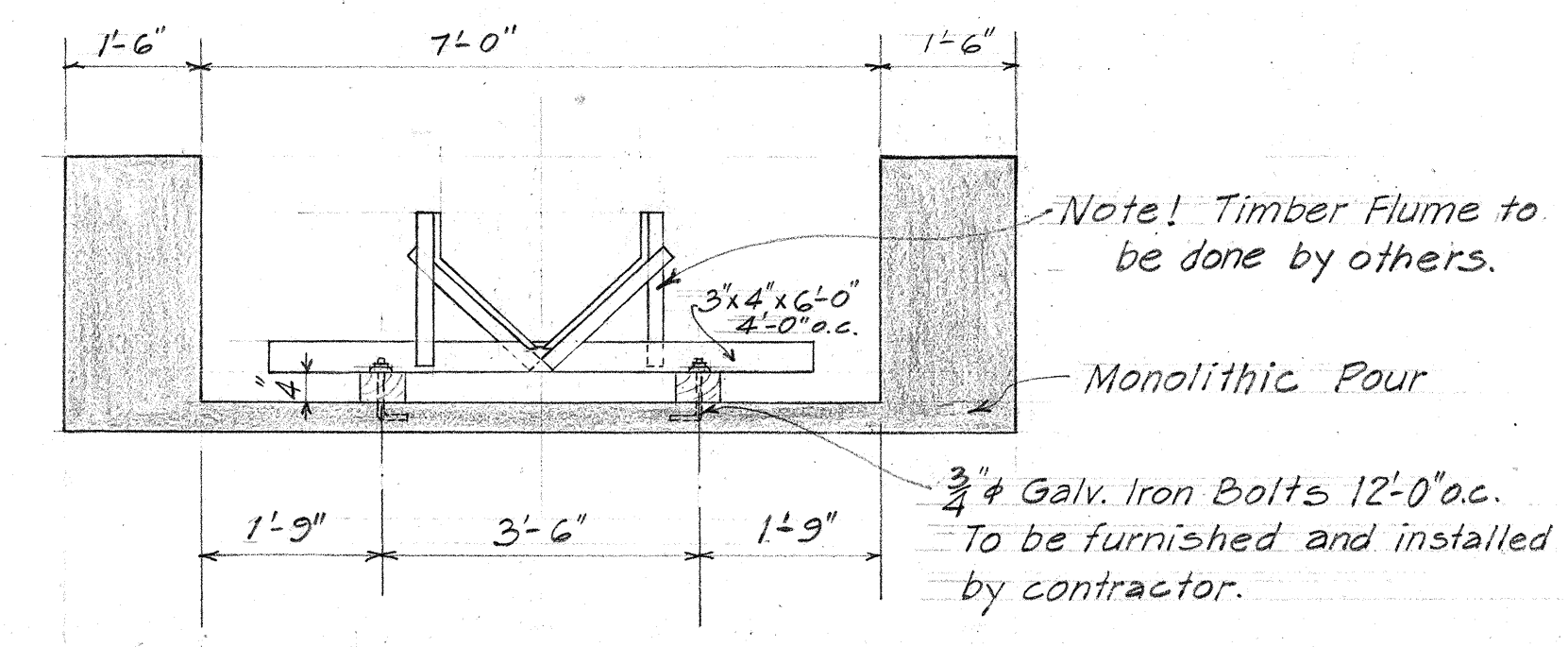
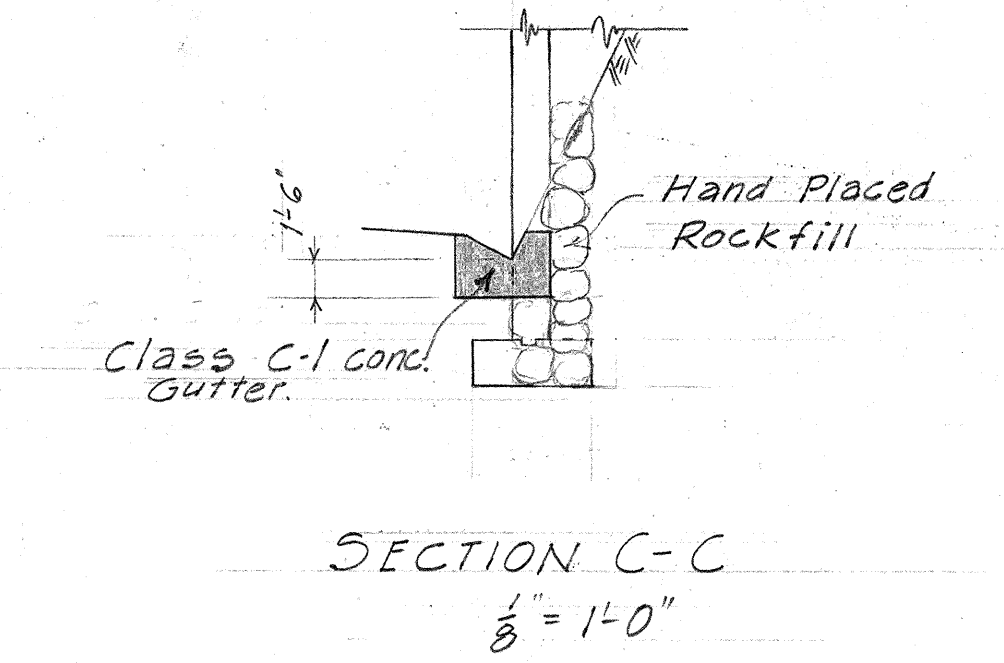
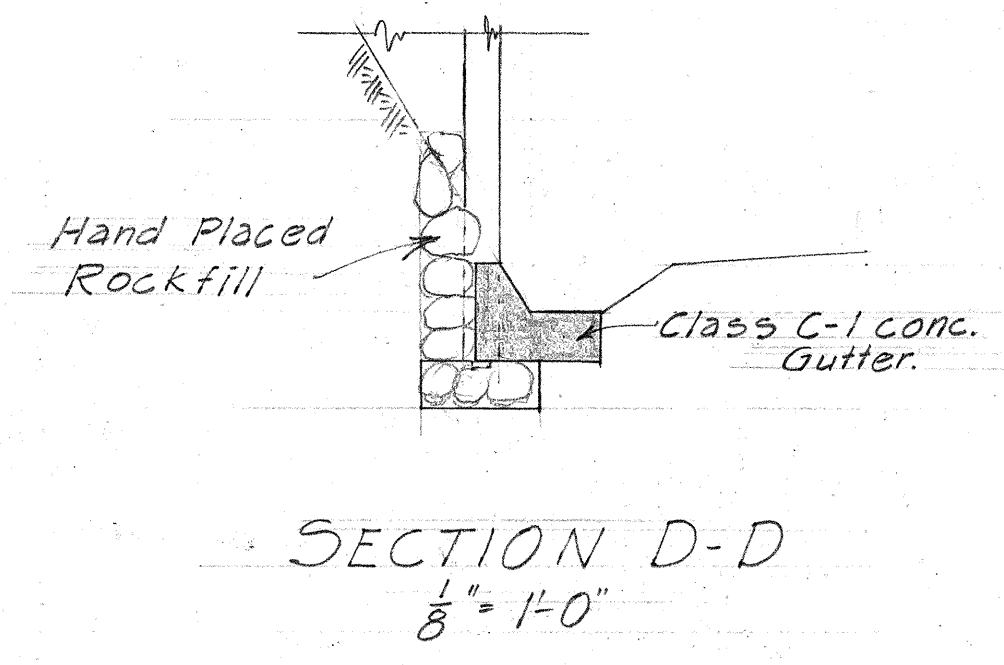
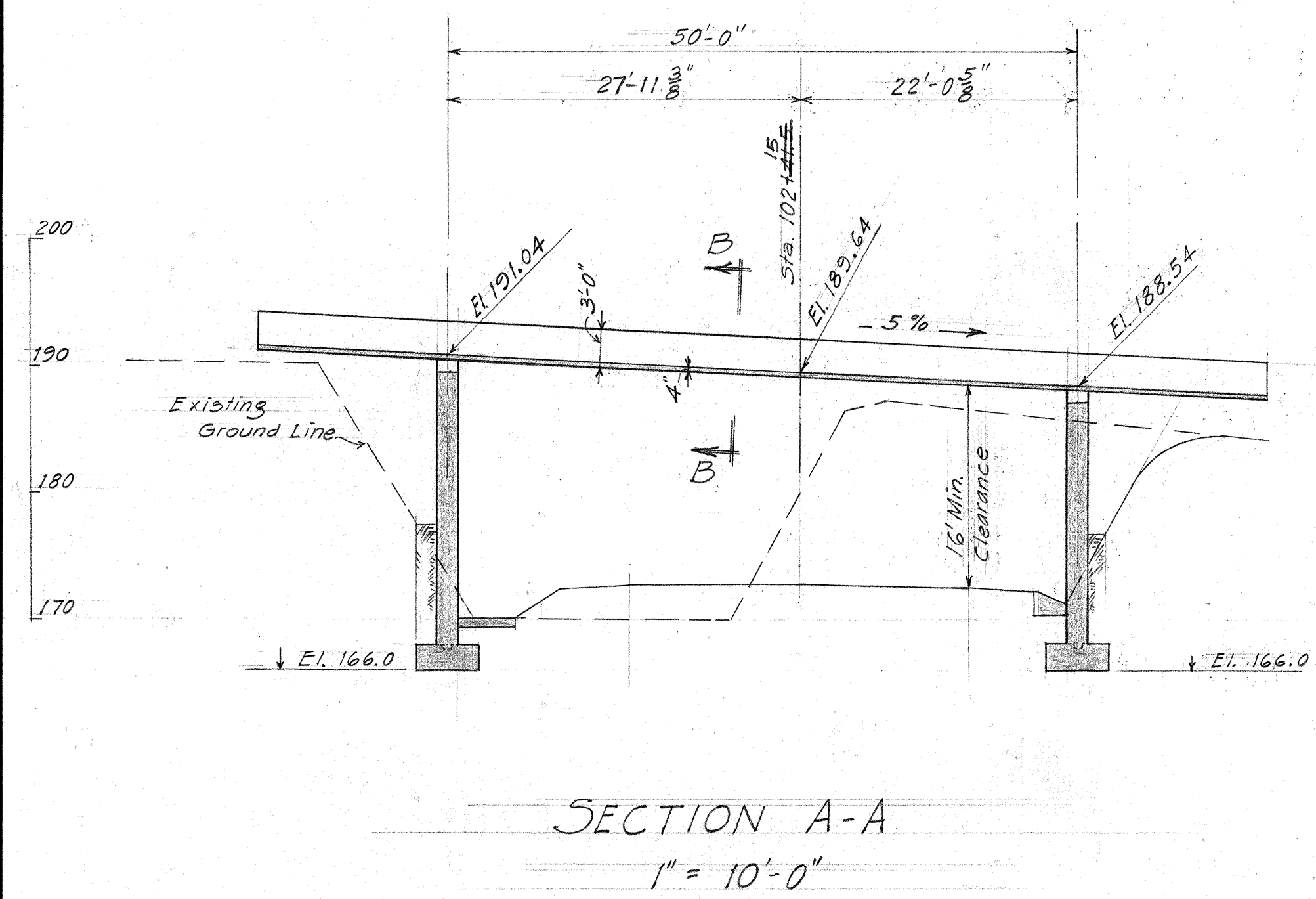
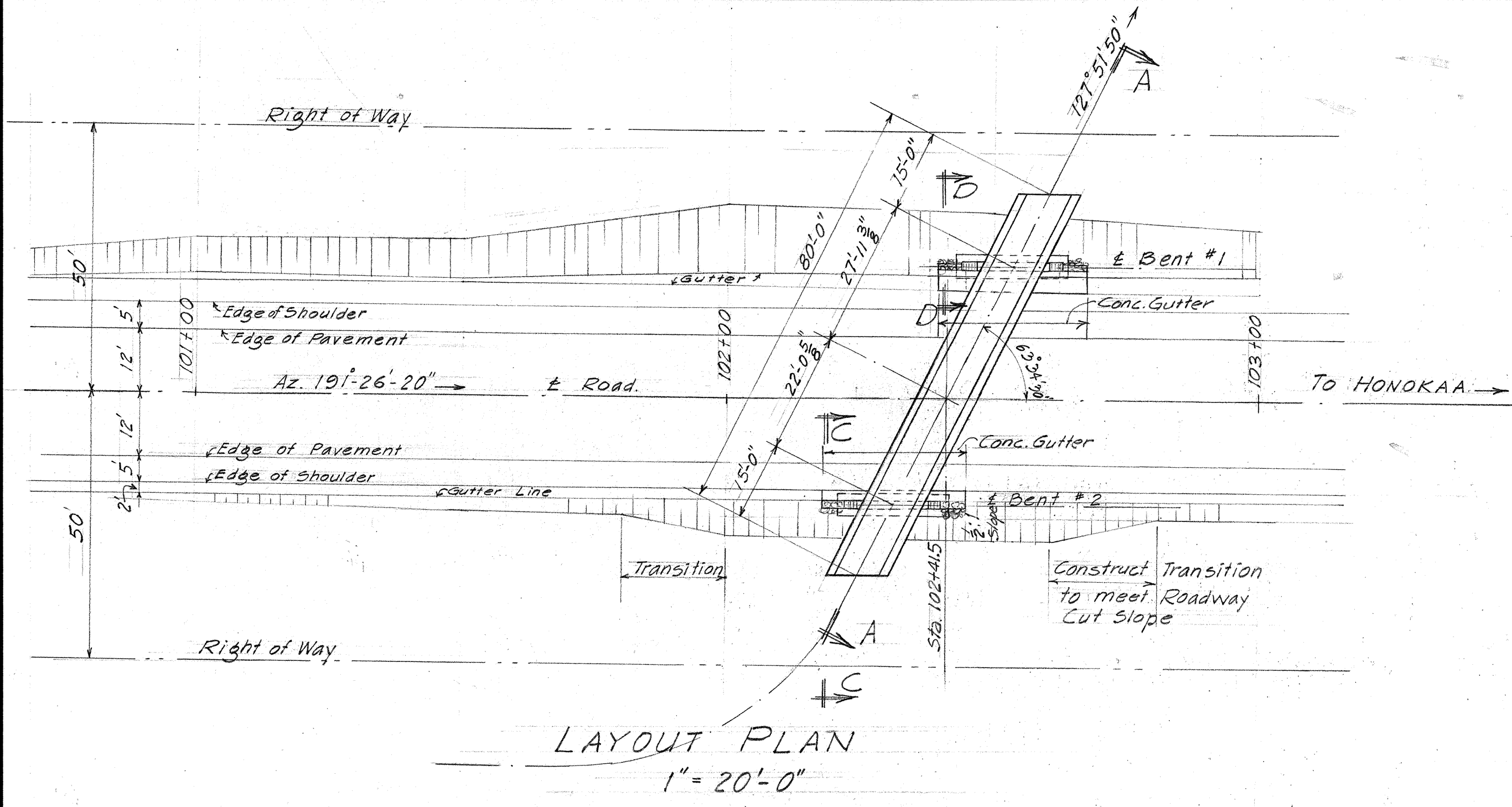
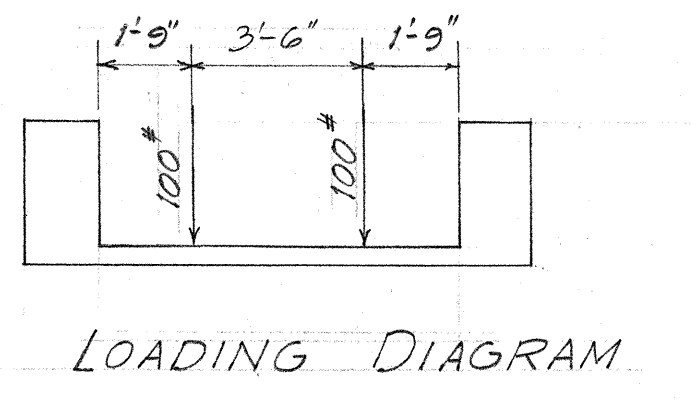


Design Data
 $f_s = 20000 \#$
 $f_c = 1000$
 $n = 10$



ESTIMATED QUANTITIES

Class A-1 conc.	87.0 c.y.
Class C-1 conc.	11.0 c.y.
Reinf. Steel	6923 lbs. *
Structure Excavation	100. c.y.
Hand Placed Rockfill	12. c.y.

Note!
 * Includes wire fabric.
 Materials:
 Concrete in gutter Class C-1.
 All other concrete Class A-1.

TERRITORIAL HIGHWAY DEPARTMENT
 TERRITORY OF HAWAII
 CANE FLUME STA. 102+~~4.5~~¹⁵
 HAWAII BELT ROAD S.D.R. 3(4)
 JAN. 1949

DATE
 SURVEY PLOTTED BY
 DESIGNED BY
 DRAWN BY
 CHECKED BY
 NOTE BOOK
 No.

