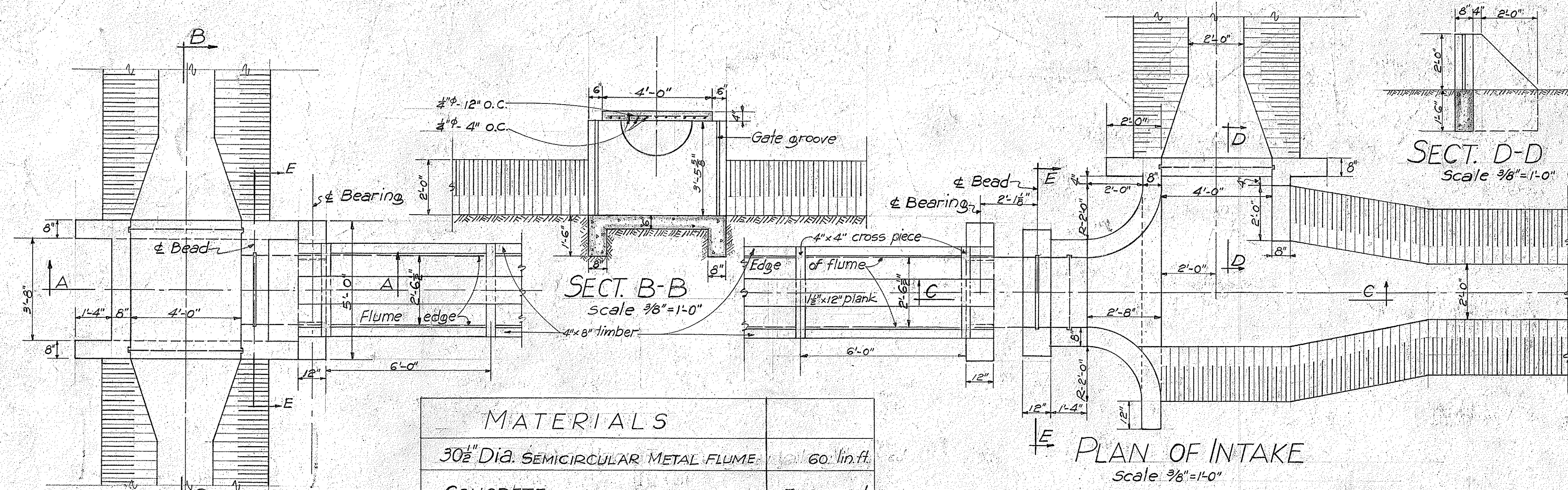
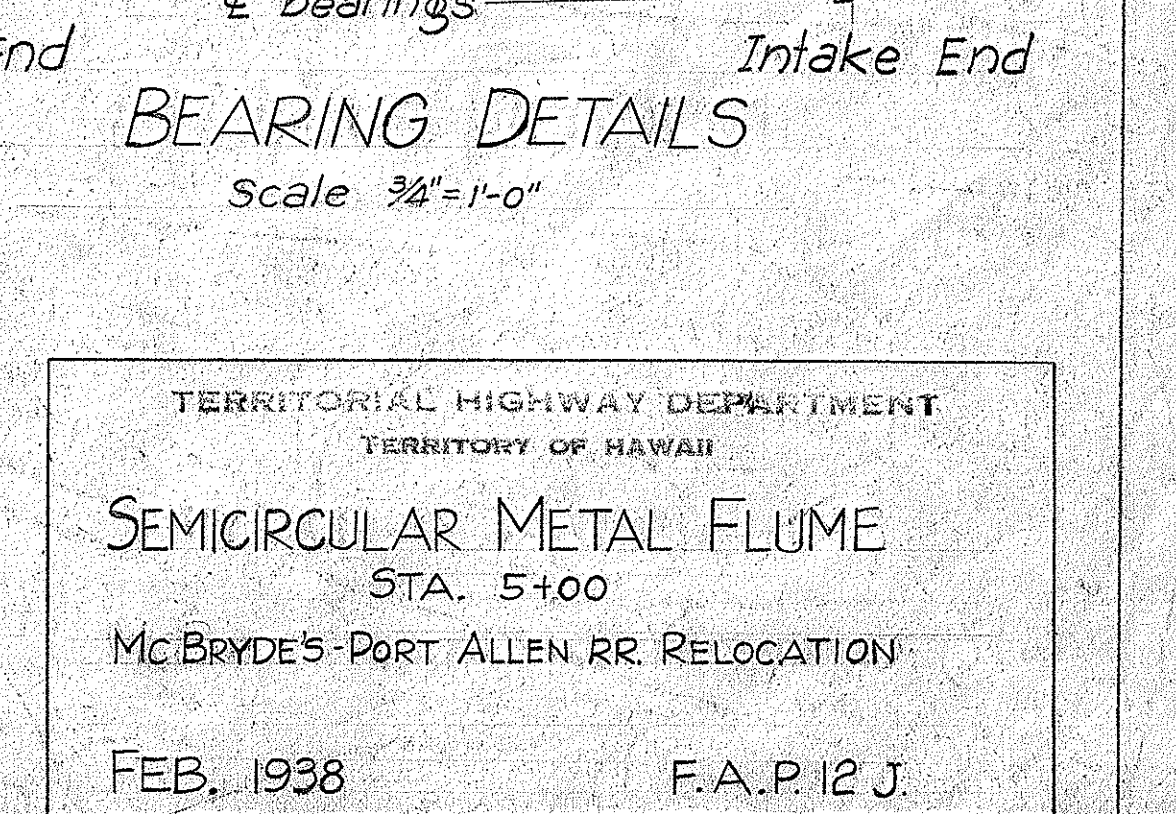
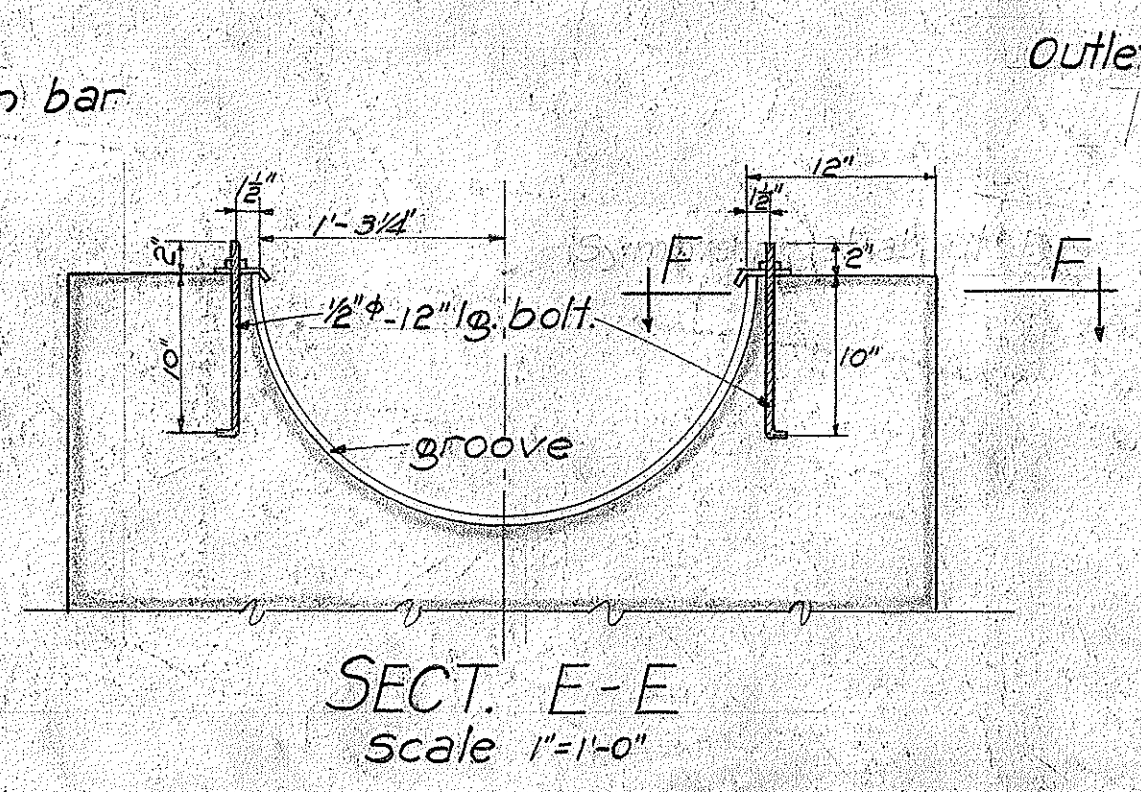
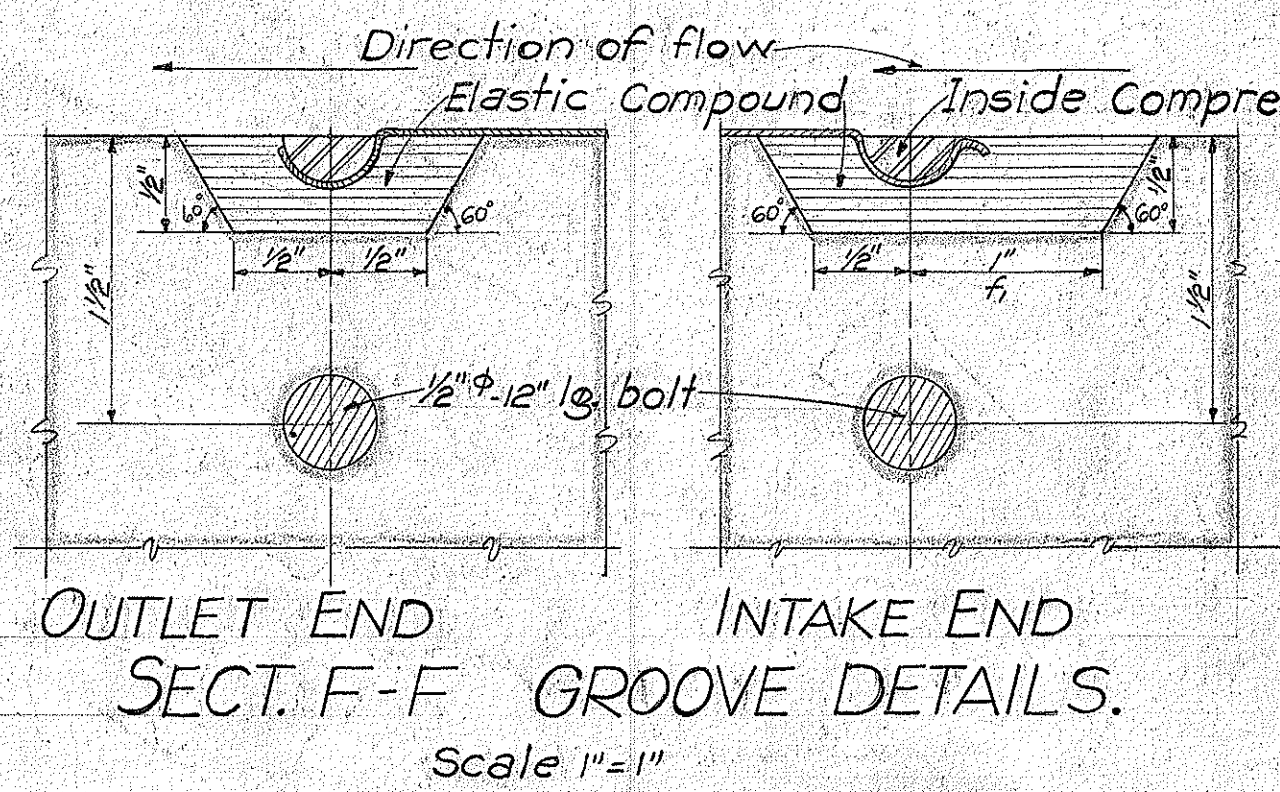
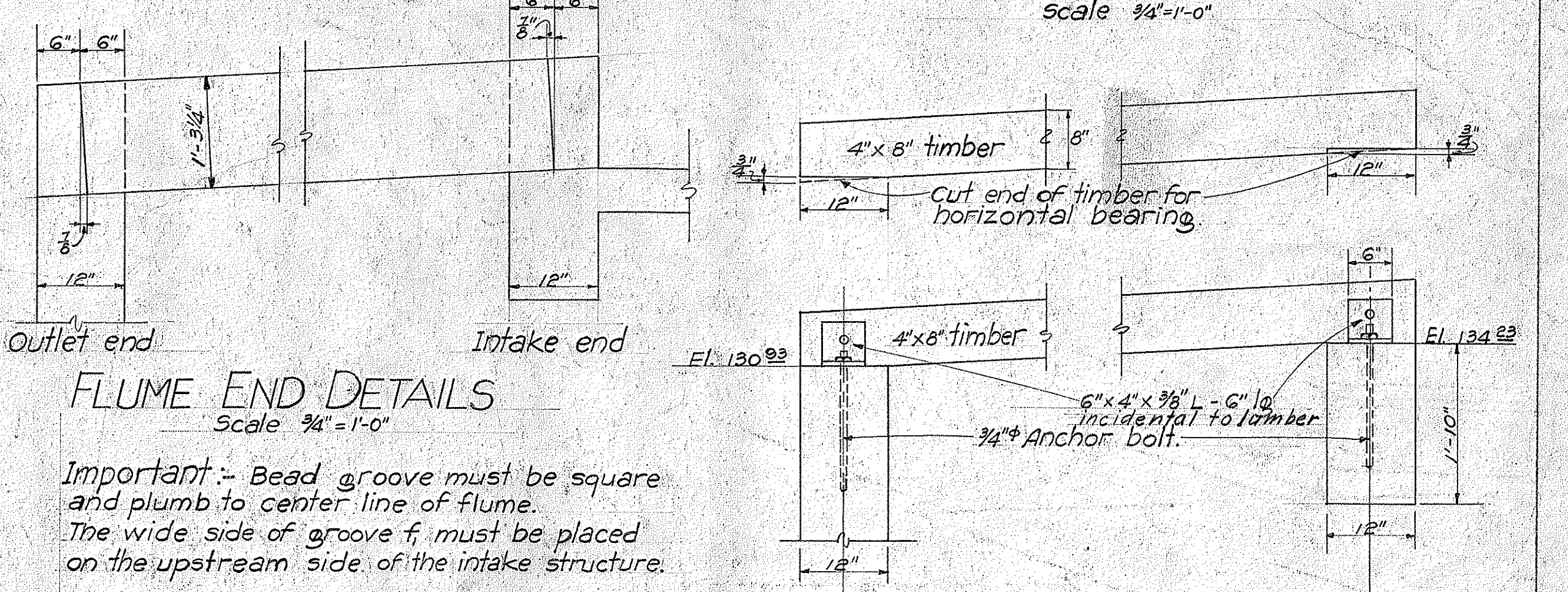
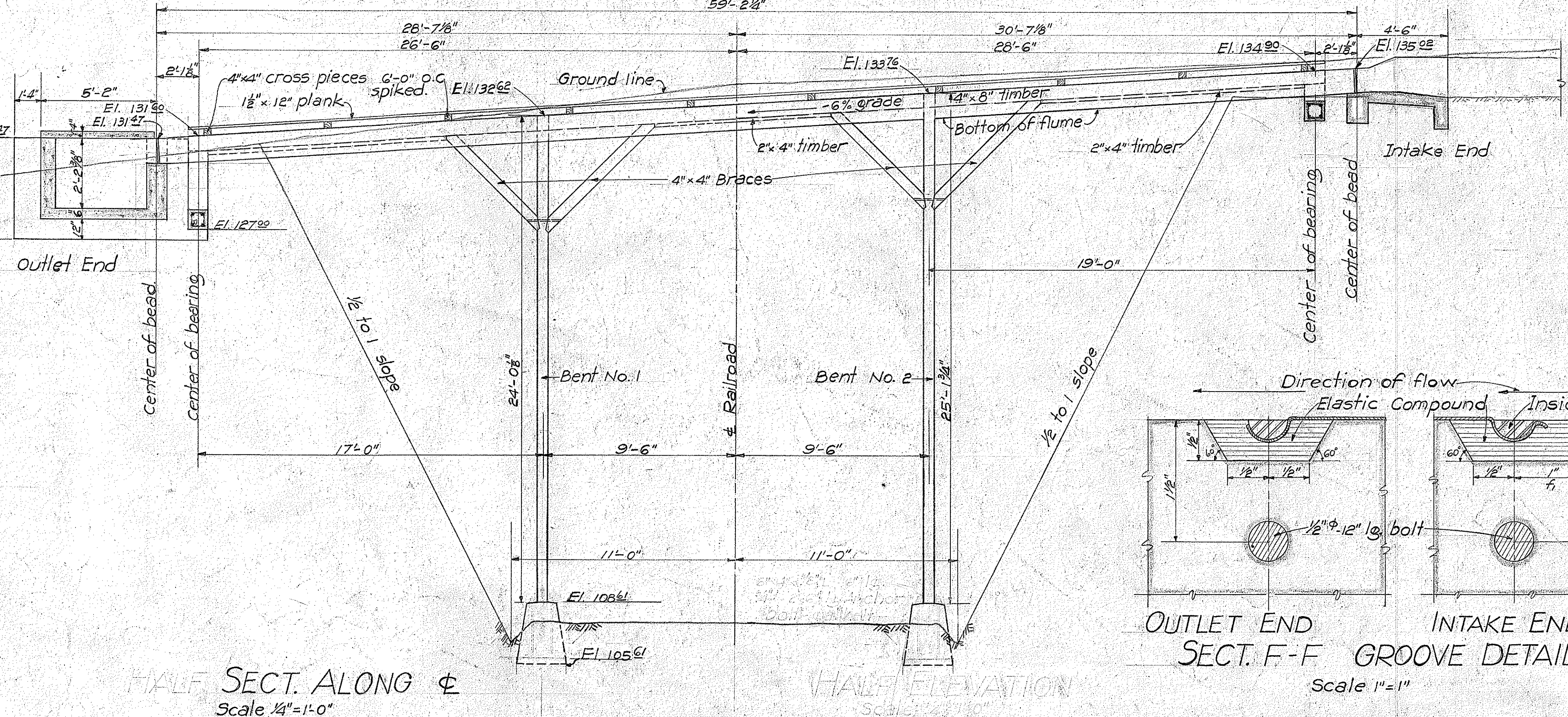
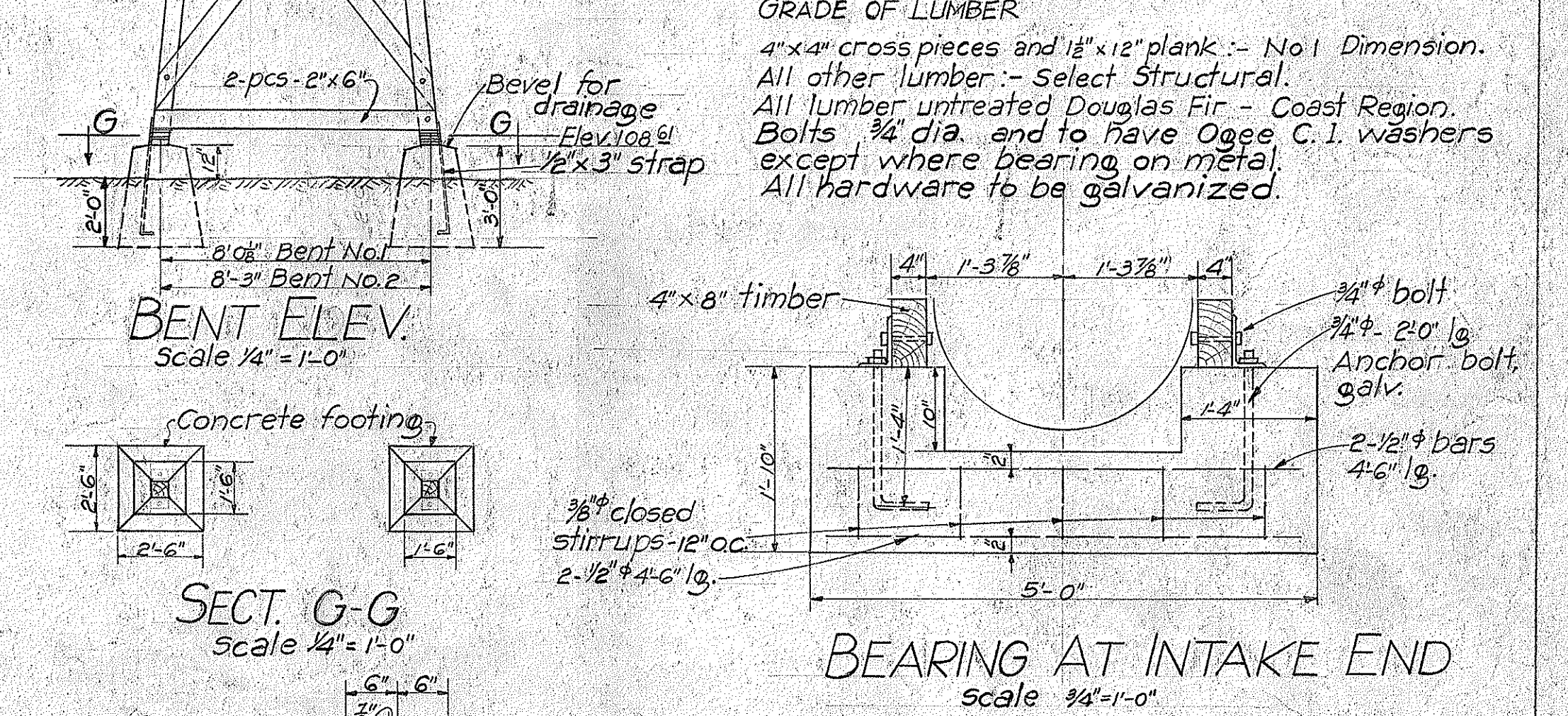
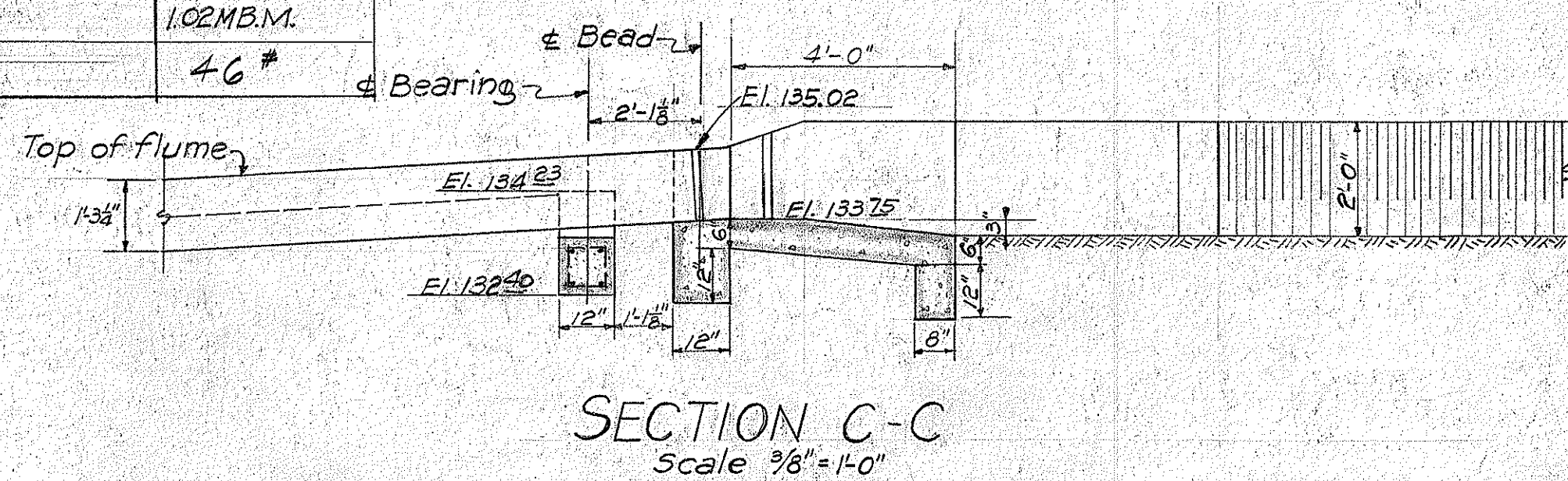
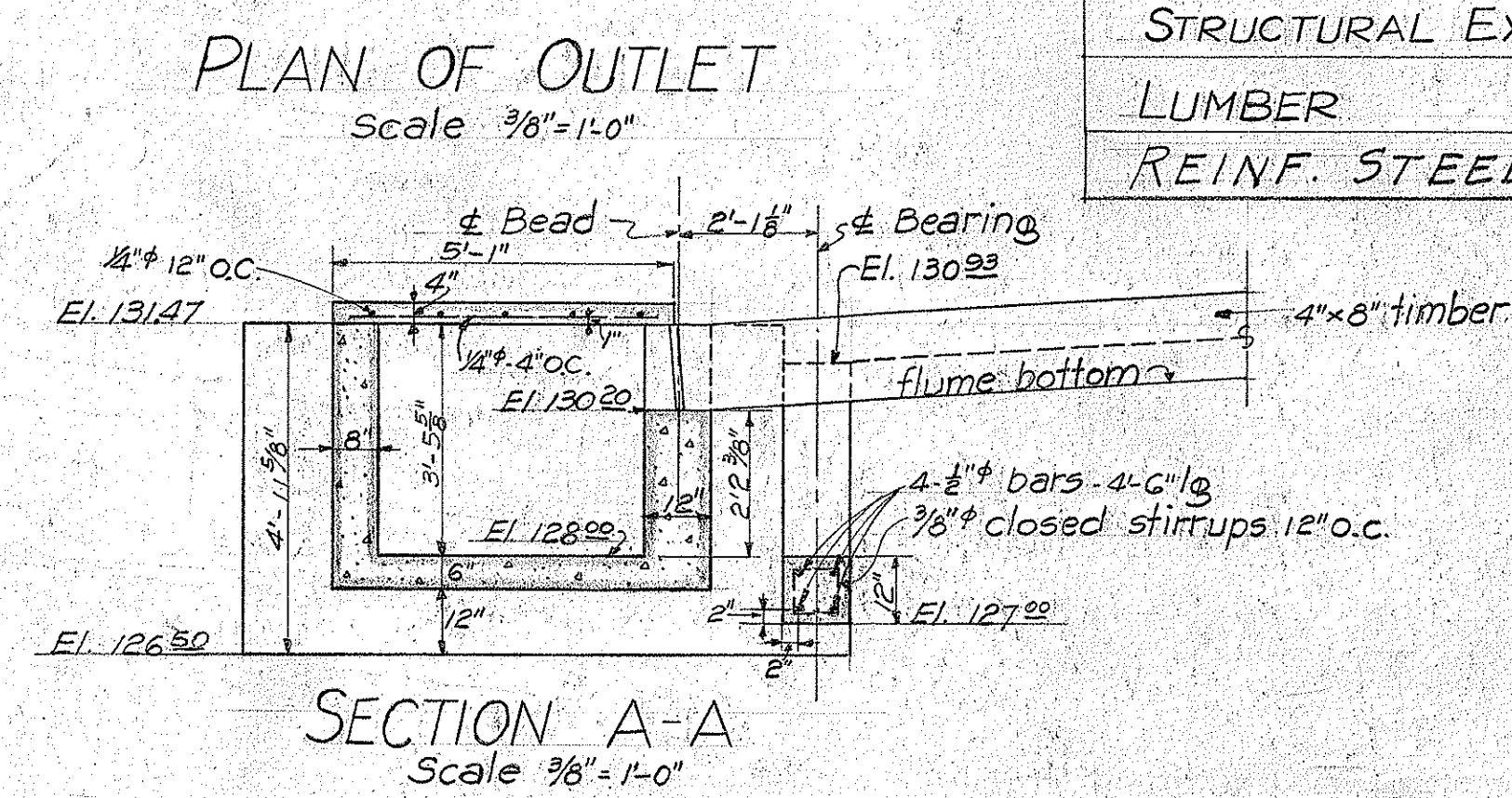
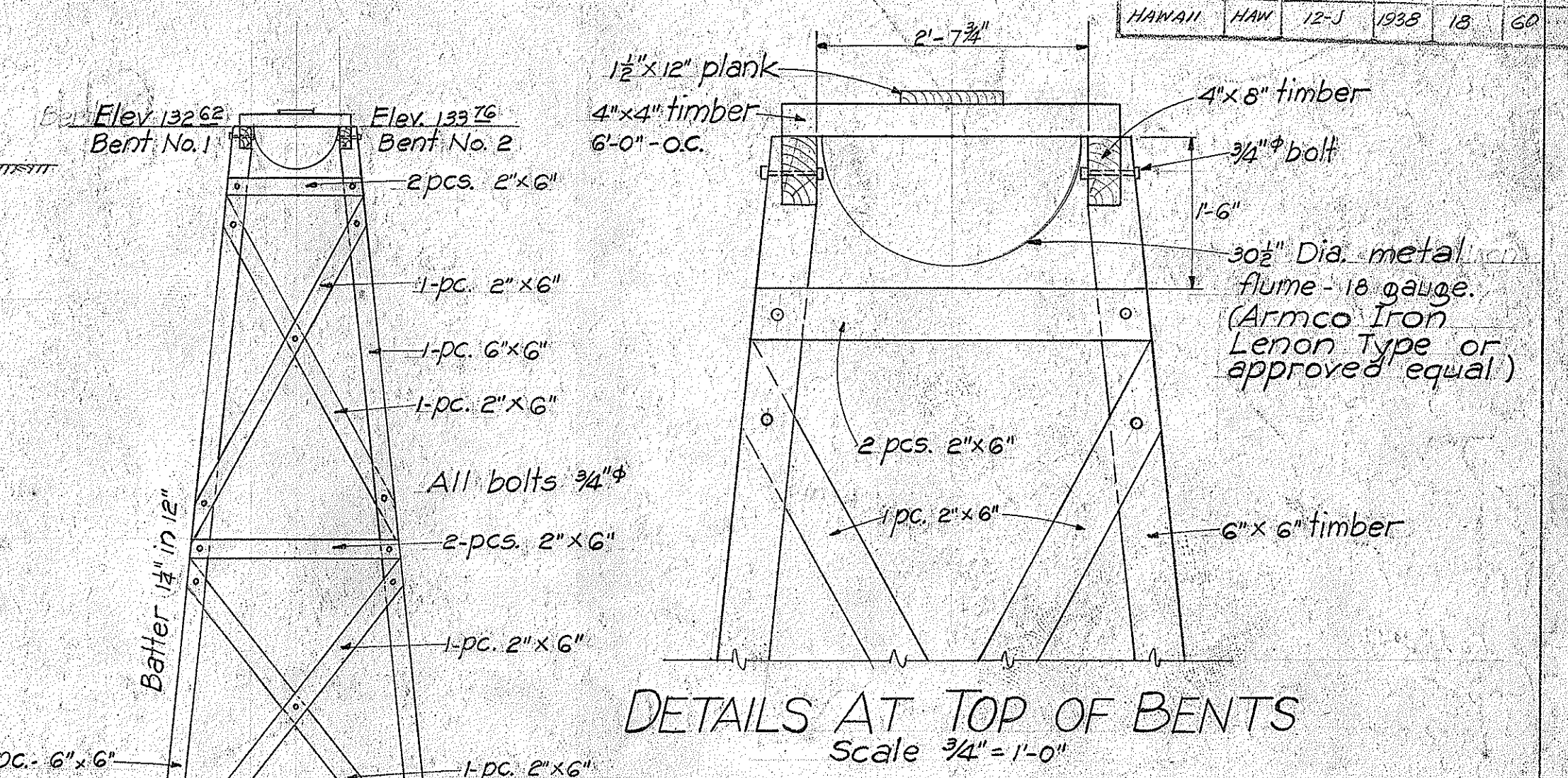




MATERIALS	
30" Dia. SEMICIRCULAR METAL FLUME	60' lin. ft.
CONCRETE	7.4 cu. yds.
STRUCTURAL EXC.	3.0 cu. yds.
LUMBER	1.02 M.B.M.
REINF. STEEL	4.6 #



TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
SEMICIRCULAR METAL FLUME
STA. 5+00
McBRYDE'S-PORT ALLEN RR. RELOCATION
FEB. 1938
F.A.P. 12 J.

ORIGINAL
PLAN
DESIGNED BY
W.B. BORTLES
CHECKED BY
W.B. BORTLES
DATE
10/15/38
REVISIONS
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