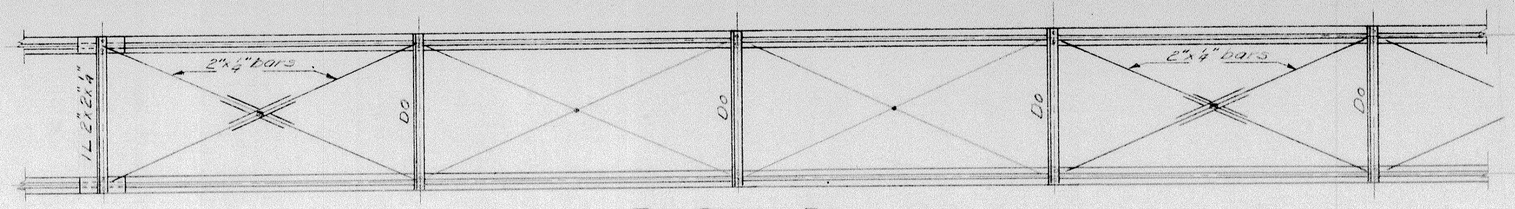
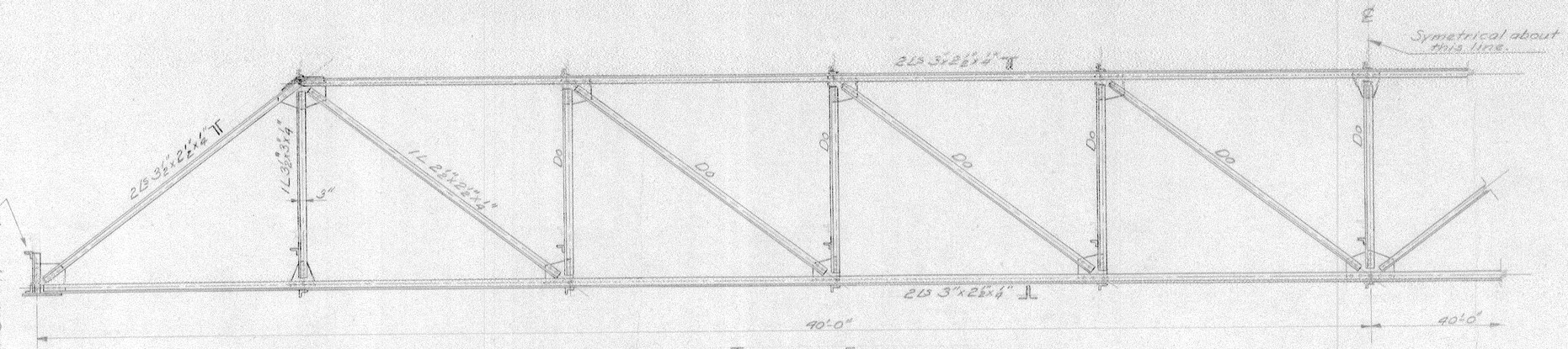
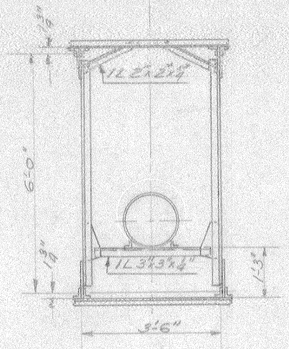
NOTE:
All Truss members are symmetrical about the ℄ noted, except the end bearings which are as shown on details Ⓐ and Ⓑ.
Gusset Plates are $\frac{3}{8}$" except as noted.
$\frac{3}{8}$" Rivets for all 2"⌊s & bars; $\frac{3}{4}$" rivets for all other members.
Shop details shall be submitted to the Engineer for approval before fabrication is started.



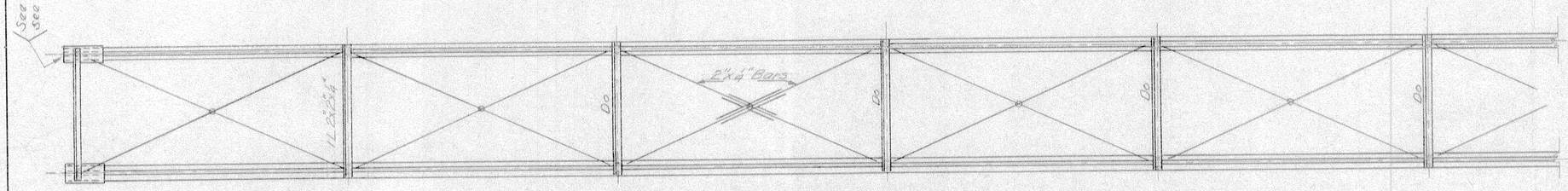
TOP CHORD BRACING
SCALE $\frac{3}{8}$" = 1'-0"



TYPICAL ELEVATION
SCALE $\frac{3}{8}$" = 1'-0"



TYPICAL CROSS SECTION
SEE SHEET (5)



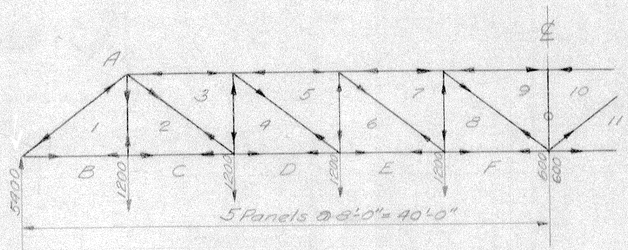
BOTTOM CHORD BRACING
SCALE $\frac{3}{8}$" = 1'-0"

VERTICAL LOAD (ON 2 TRUSSES)

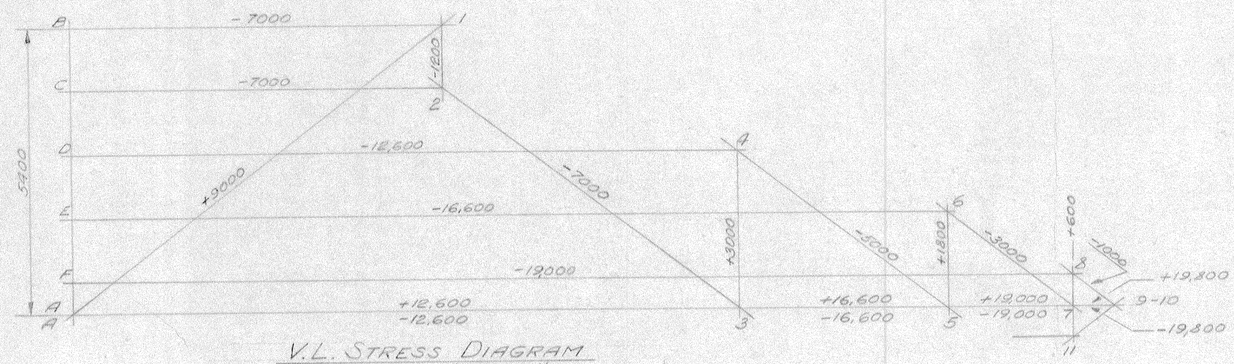
16" Cast Iron Pipe	110
Water in pipe	63
Two Trusses	45
Walk Way	75
TOTAL	293

CALL IT 300 lbs. lin/ft.

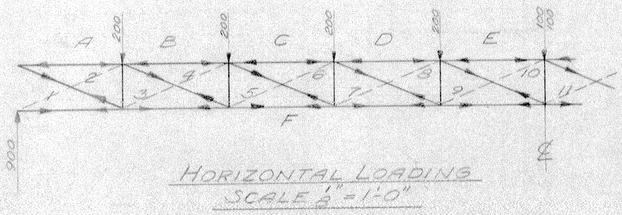
HORIZ. FORCE (ONE SIDE OF BRIDGE)
Wind 25 lbs. lin/ft.



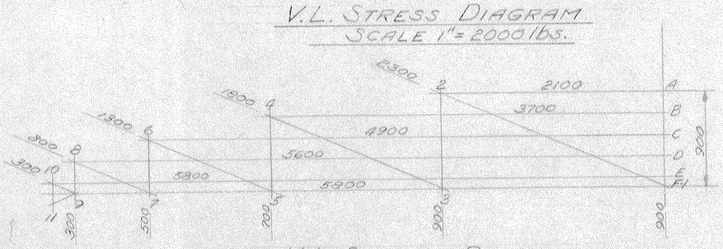
VERTICAL LOADING
SCALE $\frac{1}{8}$" = 1'-0"



V.L. STRESS DIAGRAM
SCALE 1" = 2000 lbs.



HORIZONTAL LOADING
SCALE $\frac{1}{8}$" = 1'-0"



H.L. STRESS DIAGRAM
SCALE 1" = 1000 lbs

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CITY OF SAN LEANDRO
California.

MUNICIPAL SEWAGE DISPOSAL PROJECT

SAN LEANDRO CREEK CROSSING
TRUSS FRAMING & STRESS DIAGRAMS

Harry N. Jenks
Consulting Engineer
Berkeley, California.

Drawn: M. Maney	Scale: As shown
Checked: HNJ	Date: Aug 30, 1938

DWG 46 CAS 01