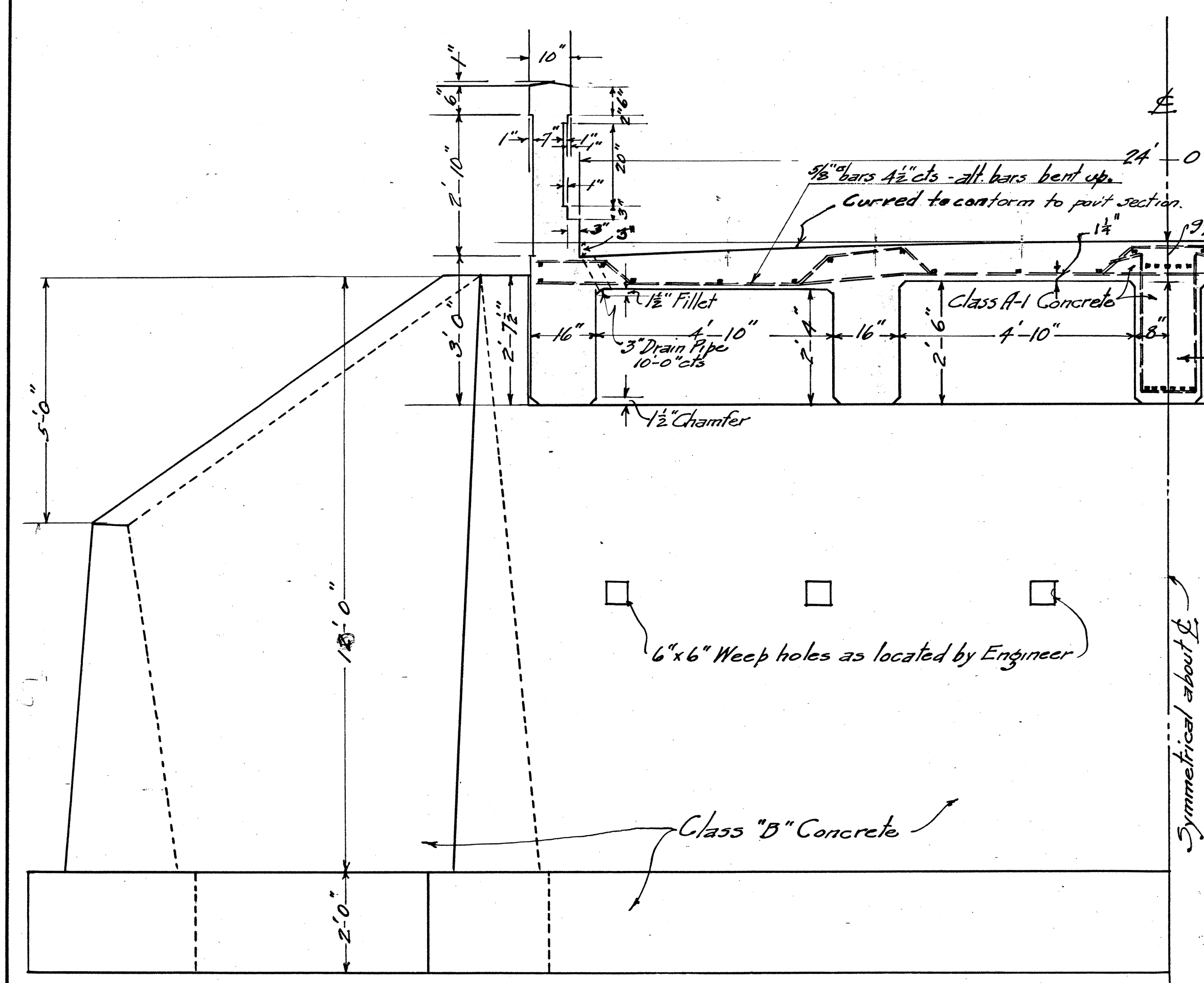
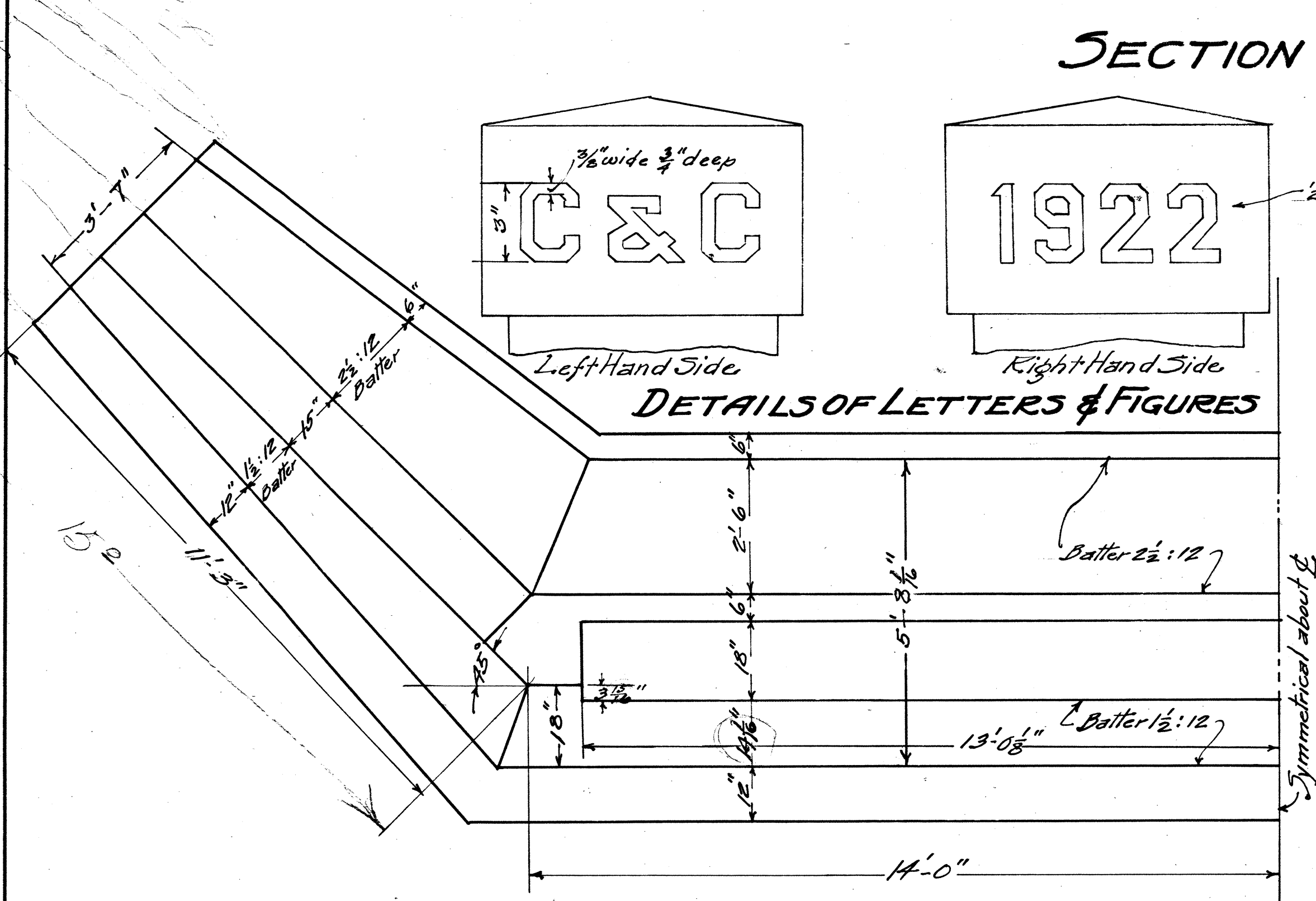




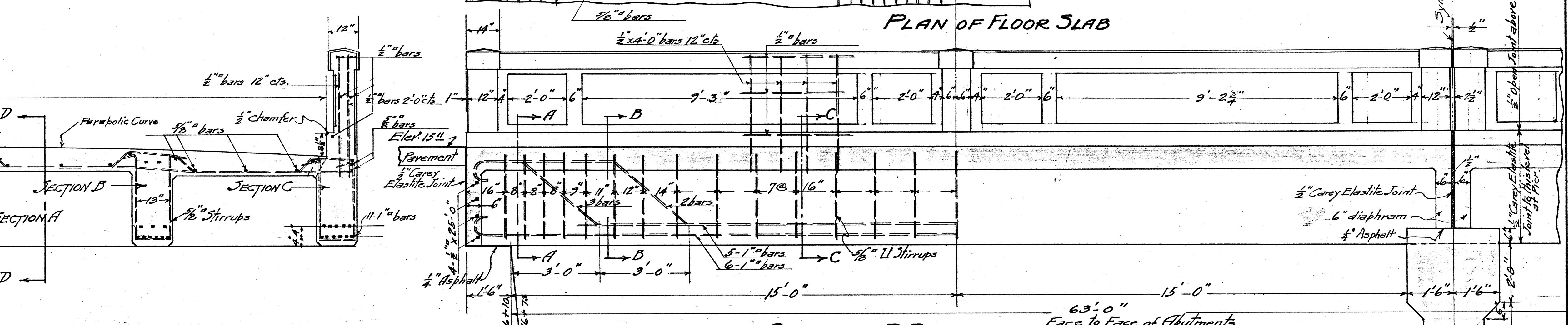
FACE OF ABUTMENT



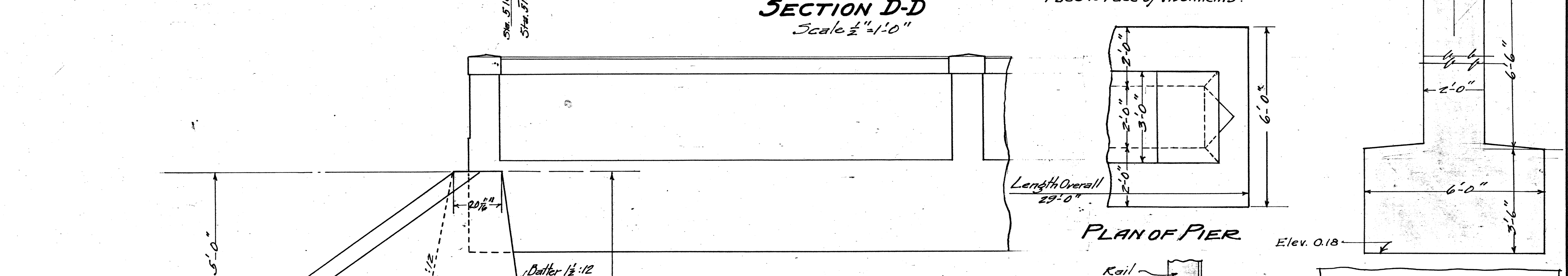
SECTION THRU BRIDGE
Scale 1/2" = 1'-0"

APPROXIMATE QUANTITIES
CLASS A-1 CONCRETE 100 Cu. Yds.
CLASS B CONCRETE 223 Cu. Yds.

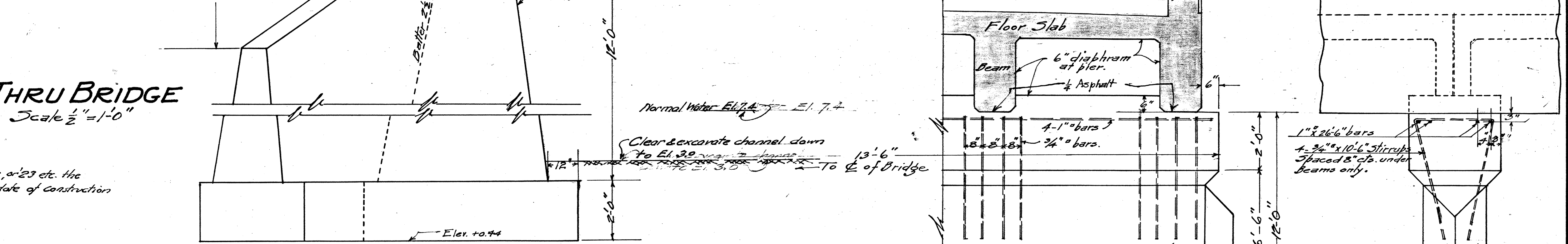
PLAN OF ABUTMENT
Two Abutments as Shown.



PLAN OF FLOOR SLAB

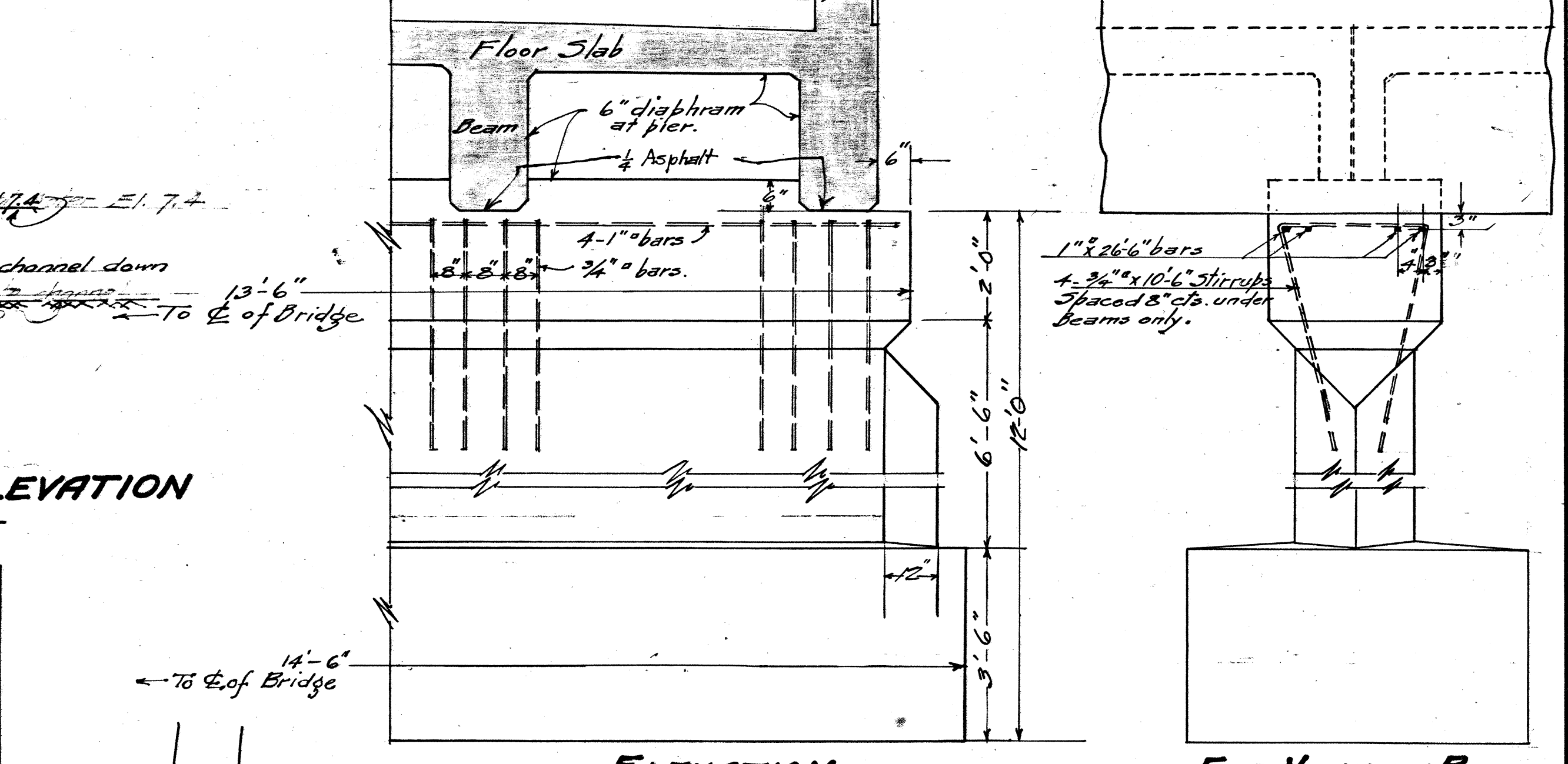


SECTION D-D
Scale 1/2" = 1'-0"

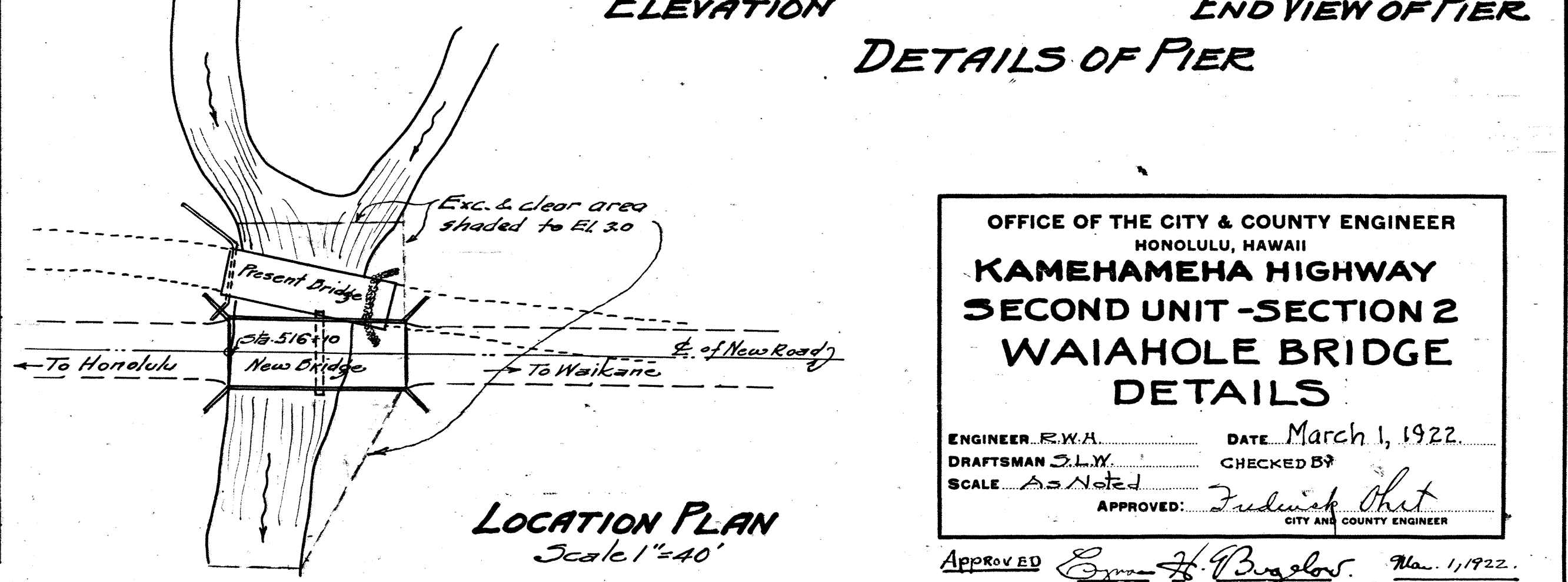


OUTSIDE ELEVATION

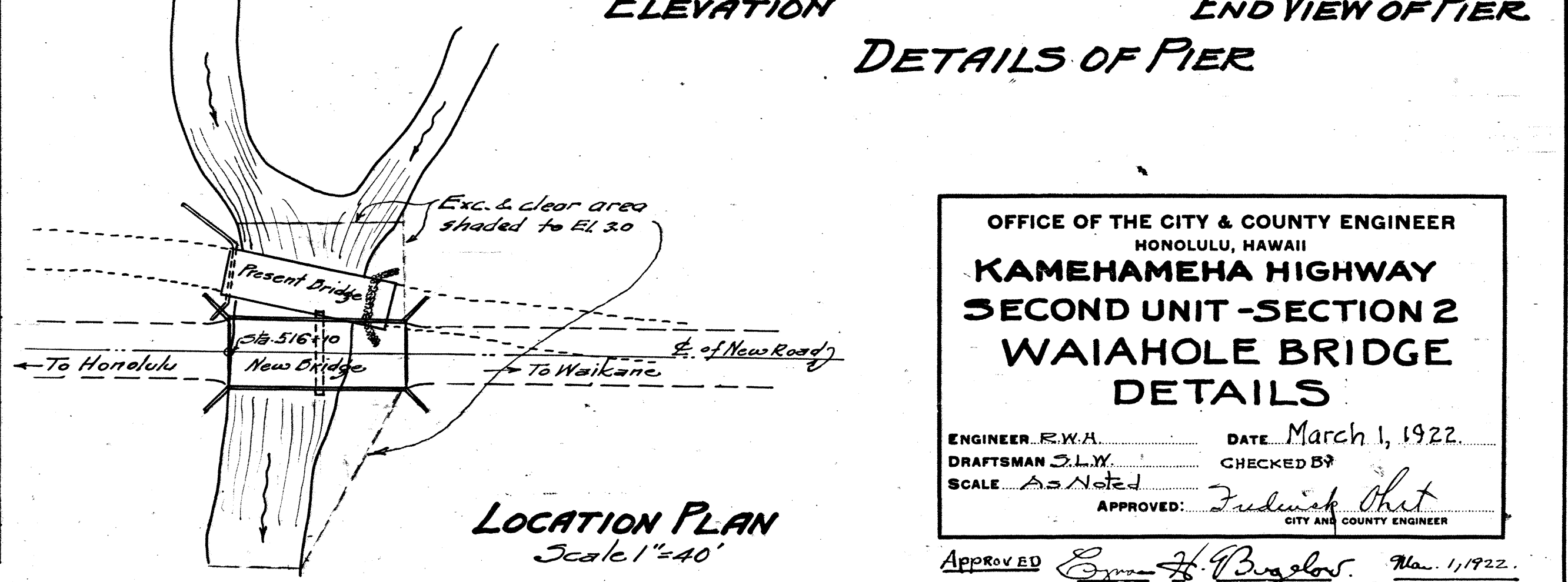
SCHEDULE OF REINFORCEMENT											
ITEM	LOCATION	PCS	SIZE	LENGTH	TOTAL LENGTH	BENDING	WEIGHT	VOLUME	ITEM	WEIGHT	VOLUME
1	Girders	60	1"	34'-6"	2070'-0"	1/2" 31'-10" R-4	3.43	7100.0	1		
2	"	30	1"	36'-0"	1080'-0"	1/2" 24'-0" R-4	3.43	3704.4	2		
3	"	20	1"	36'-0"	720'-0"	1/2" 24'-0" R-4	3.43	2469.6	3		
4	"	290	5/8"	7'-6"	2175'-0"	1/2" 24'-0" R-4	1.35	2936.2	4		
5	Slab	88	5/8"	25'-8"	2258'-8"	1/2" 24'-0" R-4	1.35	3049.2	5		
6	"	88	5/8"	27'-6"	2420'-0"	1/2" 24'-0" R-4	1.35	3267.0	6		
7	"	96	5/8"	17'-6"	1680'-0"	1/2" 24'-0" R-4	1.35	2268.0	7		
8	Rail	40	3/4"	17'-0"	680'-0"	1/2" 24'-0" R-4	0.86	584.8	8		
9	"	198	1/2"	4'-0"	792'-0"	1/2" 24'-0" R-4	0.86	681.0	9		
10	Diaphragm	16	3/4"	25'-0"	400'-0"	1/2" 24'-0" R-4	0.86	344.0	10		
11	Pier	4	1"	26'-6"	106'-0"	1/2" 24'-0" R-4	3.43	363.6	11		
12	"	20	3/4"	11'-0"	220'-0"	1/2" 24'-0" R-4	1.34	426.8	12		
TOTAL WT.								27194.60 lbs.			



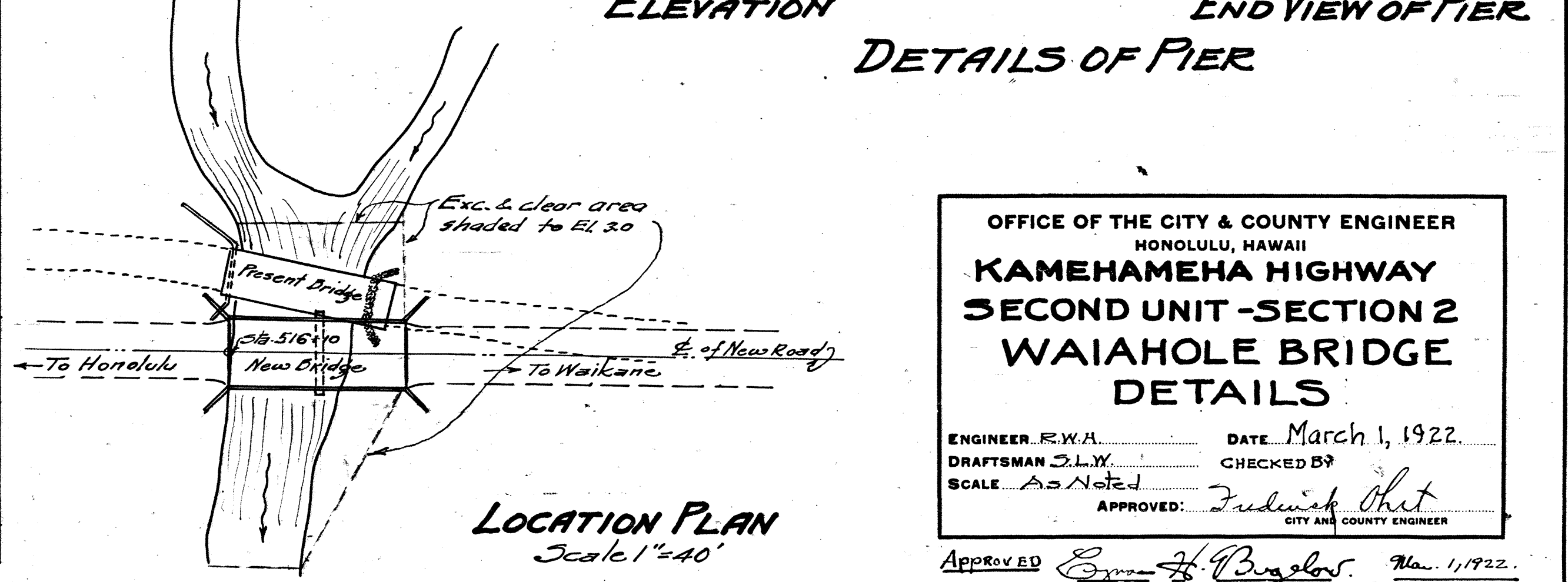
ELEVATION



DETAILS OF PIER



END VIEW OF PIER



LOCATION PLAN
Scale 1" = 40'

OFFICE OF THE CITY & COUNTY ENGINEER
HONOLULU, HAWAII
**KAMEHAMEHA HIGHWAY
SECOND UNIT - SECTION 2
WAIHAOLE BRIDGE
DETAILS**

ENGINEER R.W.A. DATE: March 1, 1922.
DRAFTSMAN D.L.Y. CHECKED BY
SCALE: As Noted
APPROVED: *Frederick H. [Signature]*
CITY AND COUNTY ENGINEER

APPROVED: *Frederick H. [Signature]* Nov. 1, 1922.
Supt. of Public Works