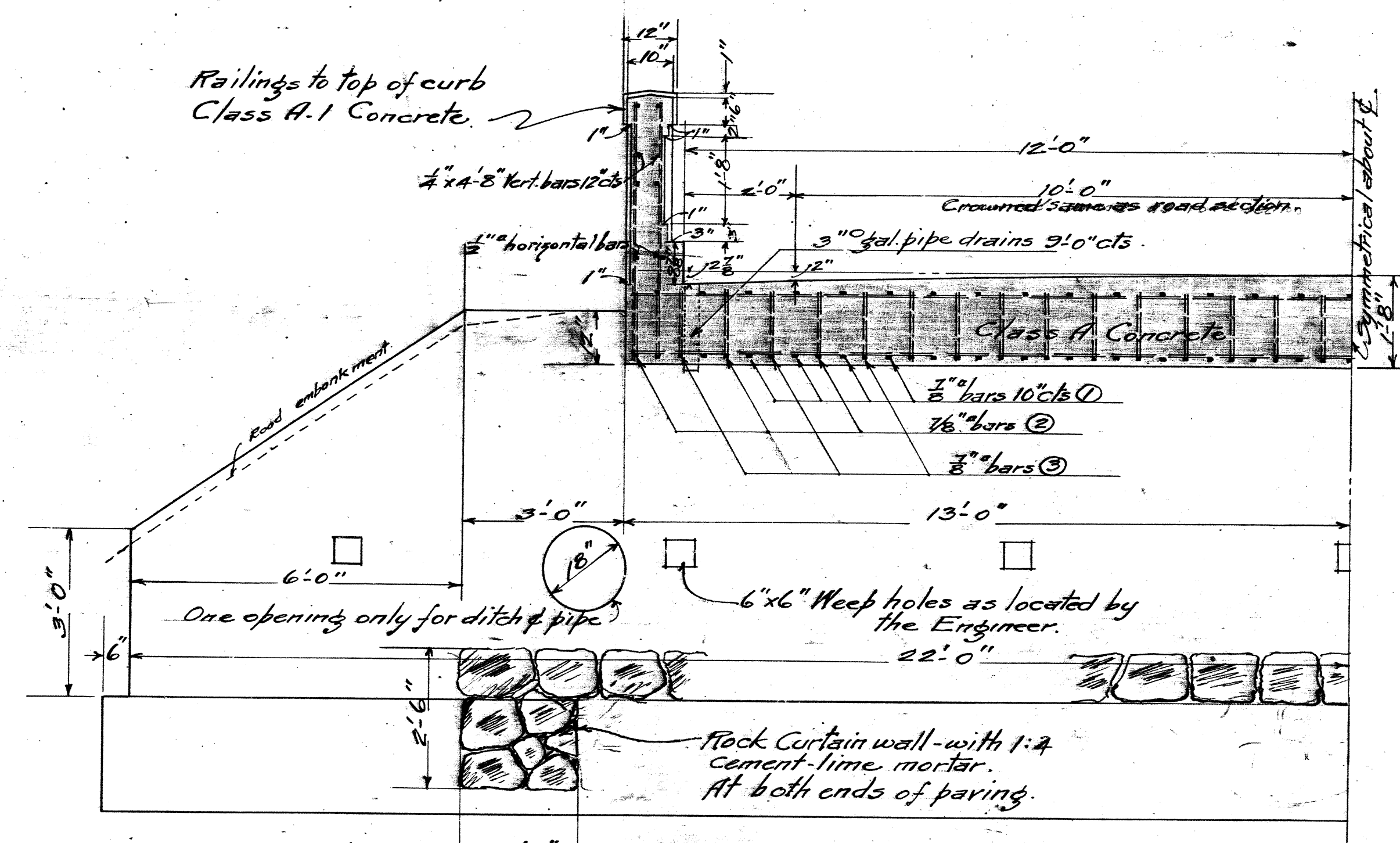
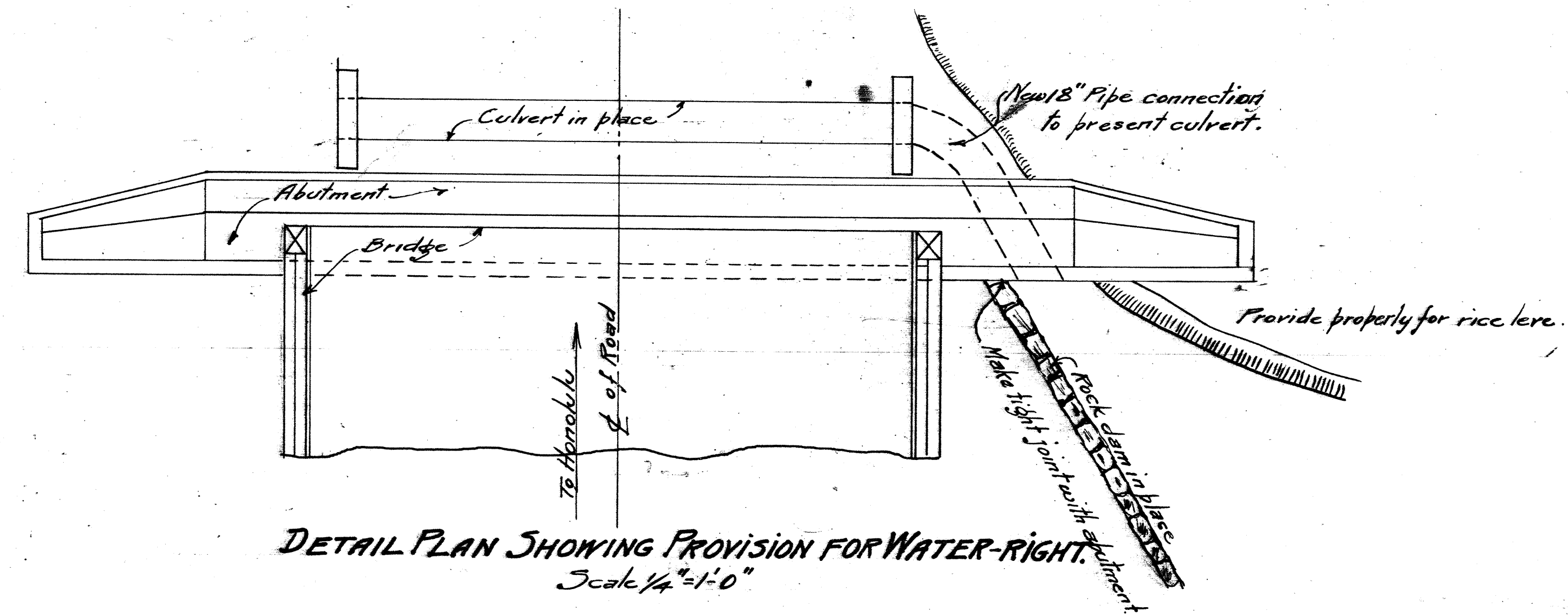
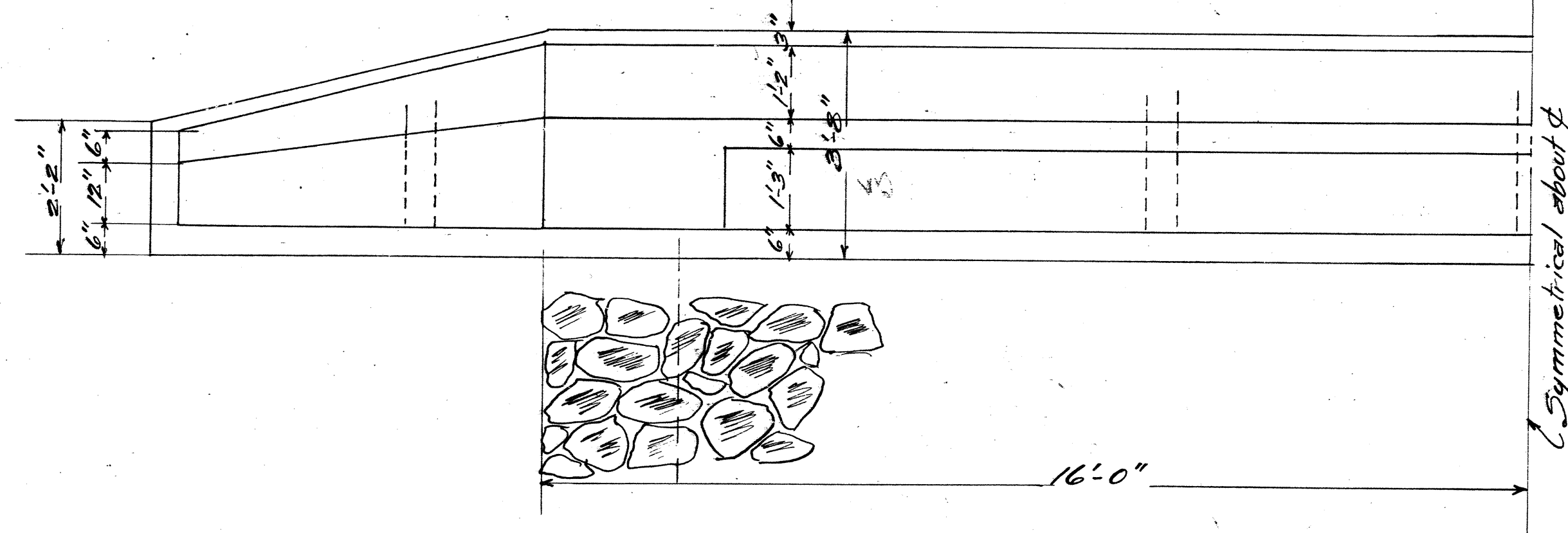


SCHEDULE OF REINFORCEMENT									
ITEM	LOCATION	RS. SIZE	LENGTH	TOTAL LENGTH	BENDING	MT. PER FT.	TOTAL MT.	ITEM	
1	Slab	62	1" 8"	22'-0"	1364'-0"		6.64	3601.0	1
2	"	32	1" 8"	22'-6"	720'-0"		2.64	1900.8	2
3	"	32	1" 8"	22'-9"	728'-0"		2.64	1921.9	3
4	"	124	3/8"	6'-0"	744'-0"		1.35	1004.4	4
5	"	12	1/2"	25'-8"	1078'-0"		0.86	927.1	5
6	Handrail	82	1/2"	5'-0"	410'-0"		0.86	352.6	6
7	"	82	1/2"	5'-0"	210'-0"		0.86	180.6	7
8	Dowels	18	3/4"	3'-0"	54'-0"		1.94	104.8	8
TOTAL MT.							10065.2	1/16	

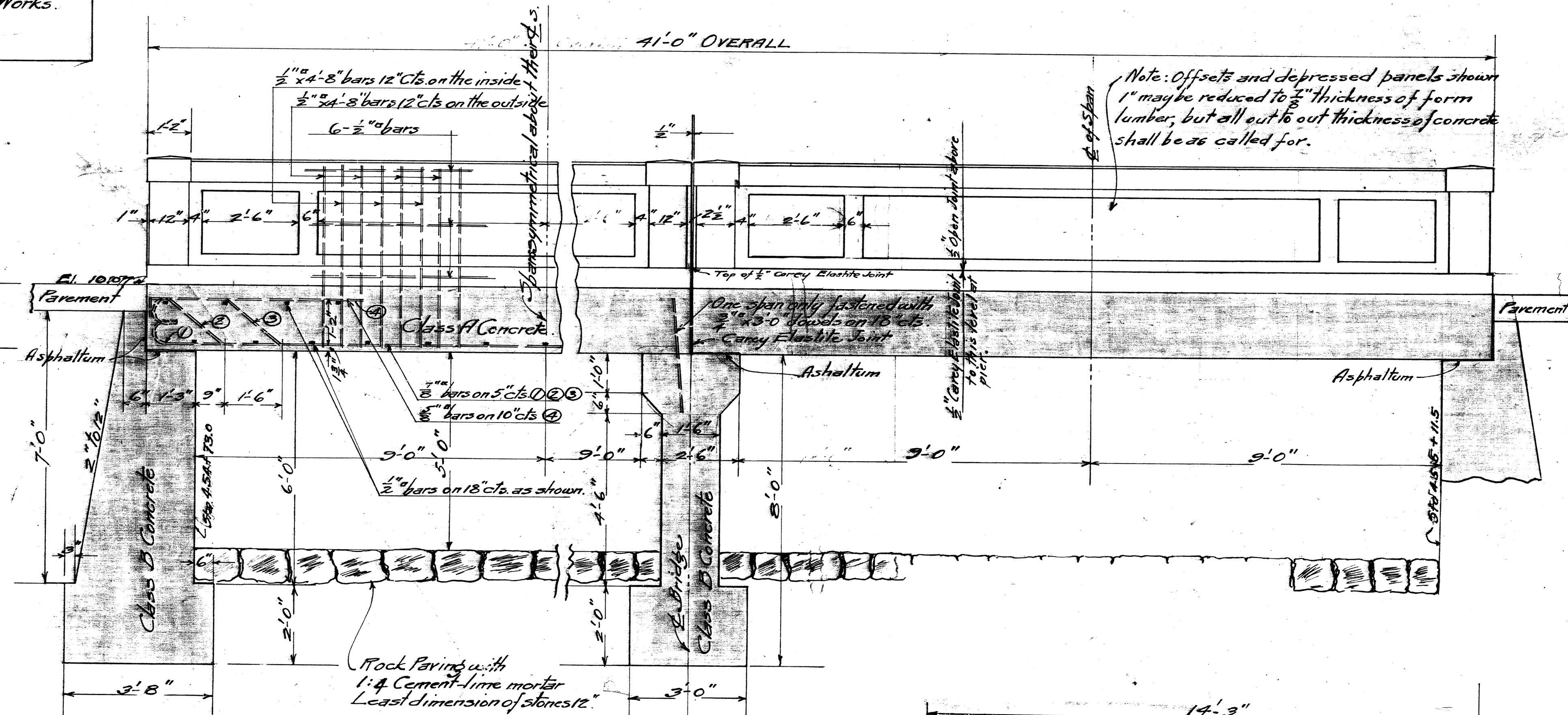
Note: The City & County will furnish this steel in the warehouse of the Honolulu Iron Works. Contractor is to load, transport, bend and place same.



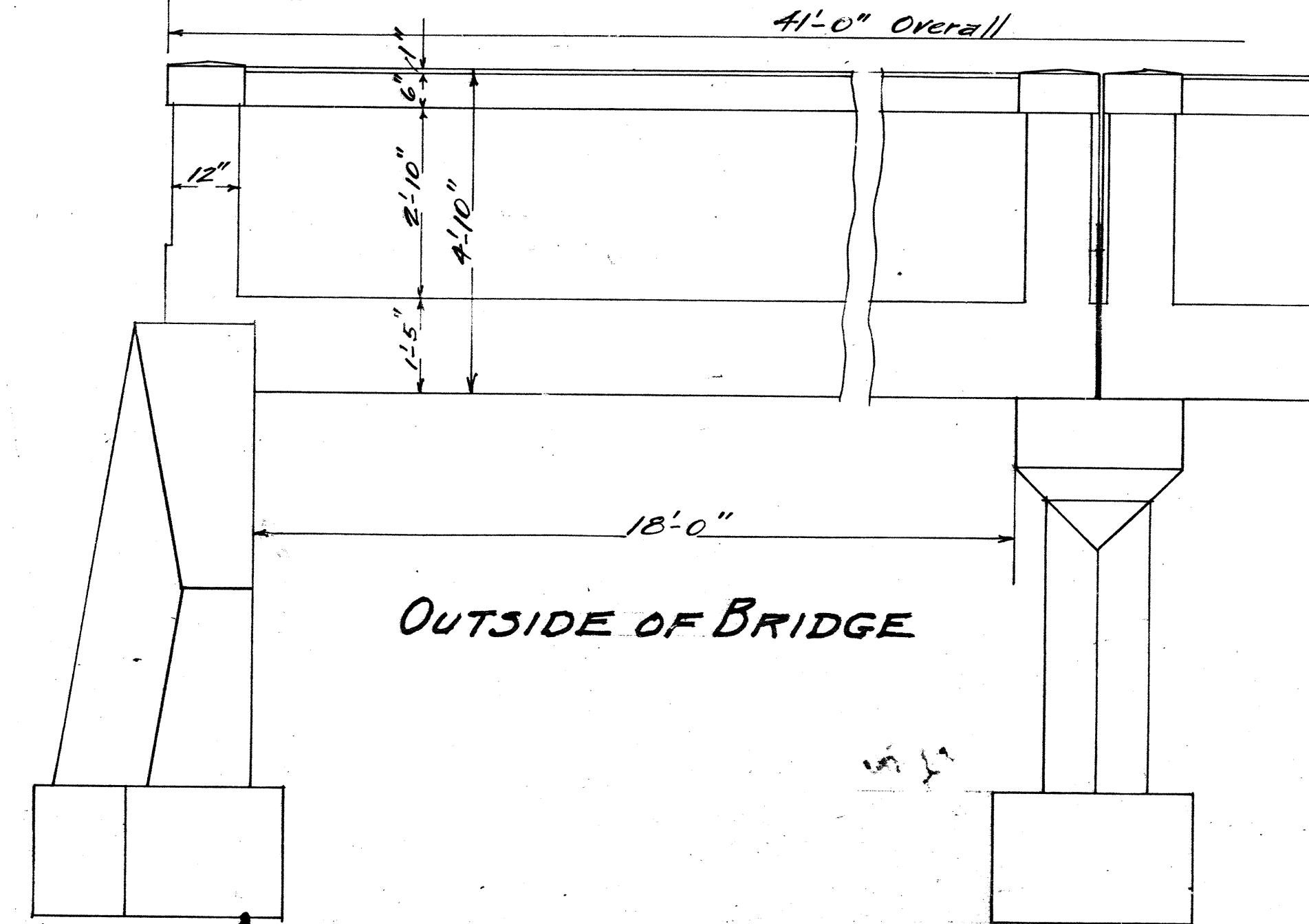
CROSS SECTION THRU SUPERSTRUCTURE & ROCK PAVING
FRONT ELEVATION OF ABUTMENT



PLAN OF ABUTMENT & ROCK PAVING



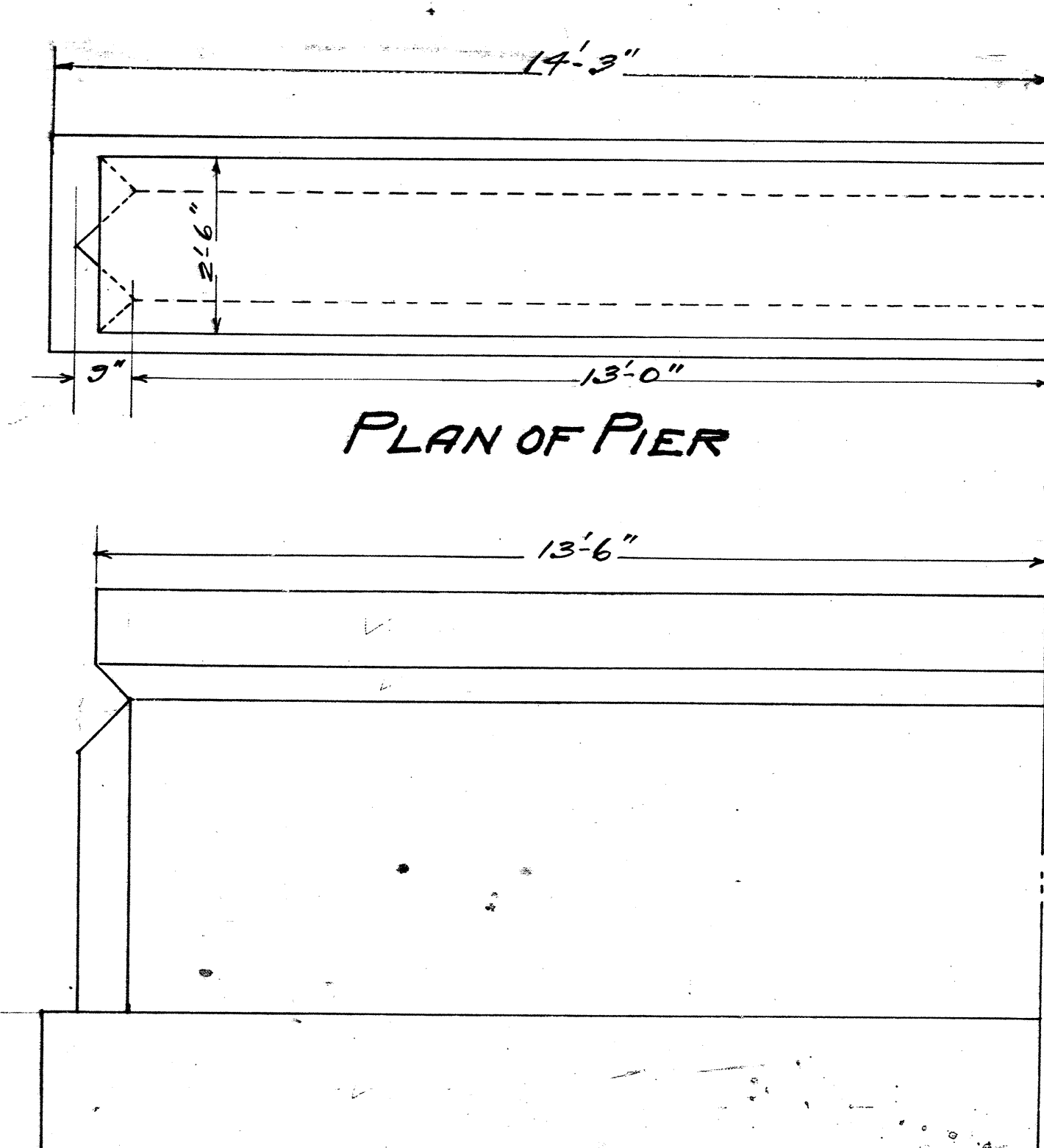
SECTION THRU SUPERSTRUCTURE-ABUTMENT & PIER



OUTSIDE OF BRIDGE

END VIEW OF ABUTMENT

END VIEW OF PIER



PLAN OF PIER

SIDE VIEW OF PIER

APPROXIMATE QUANTITIES	
Class A-1 Concrete	5.5 Cu. Yds.
Class A Concrete	63.5 Cu. Yds.
Class B Concrete	86.0 Cu. Yds.
Rock Paving	54.0 Cu. Yds.

OFFICE OF THE CITY & COUNTY ENGINEER
HONOLULU, HAWAII

**KAMEHAMEHA HIGHWAY
SECOND UNIT - SECTION I
KAALAEA BRIDGE
DETAILS**

ENGINEER: R.W.A. DATE: August 10, 1921
DRAFTSMAN: S.L.W. CHECKED BY: David L. H. H. H.
SCALE: 1/2" = 1'-0"

APPROVED: *J. J. J. J.*
CITY AND COUNTY ENGINEER

Sheet 3 of 3 sheets of Bridge Details.
STATE ASSIGNED
PROJECT NO. DD-083-02-89
Sheet 28 of 45 Sheets. 9

FILE	POCKET	FOLDER	NO.
2	1	1	20