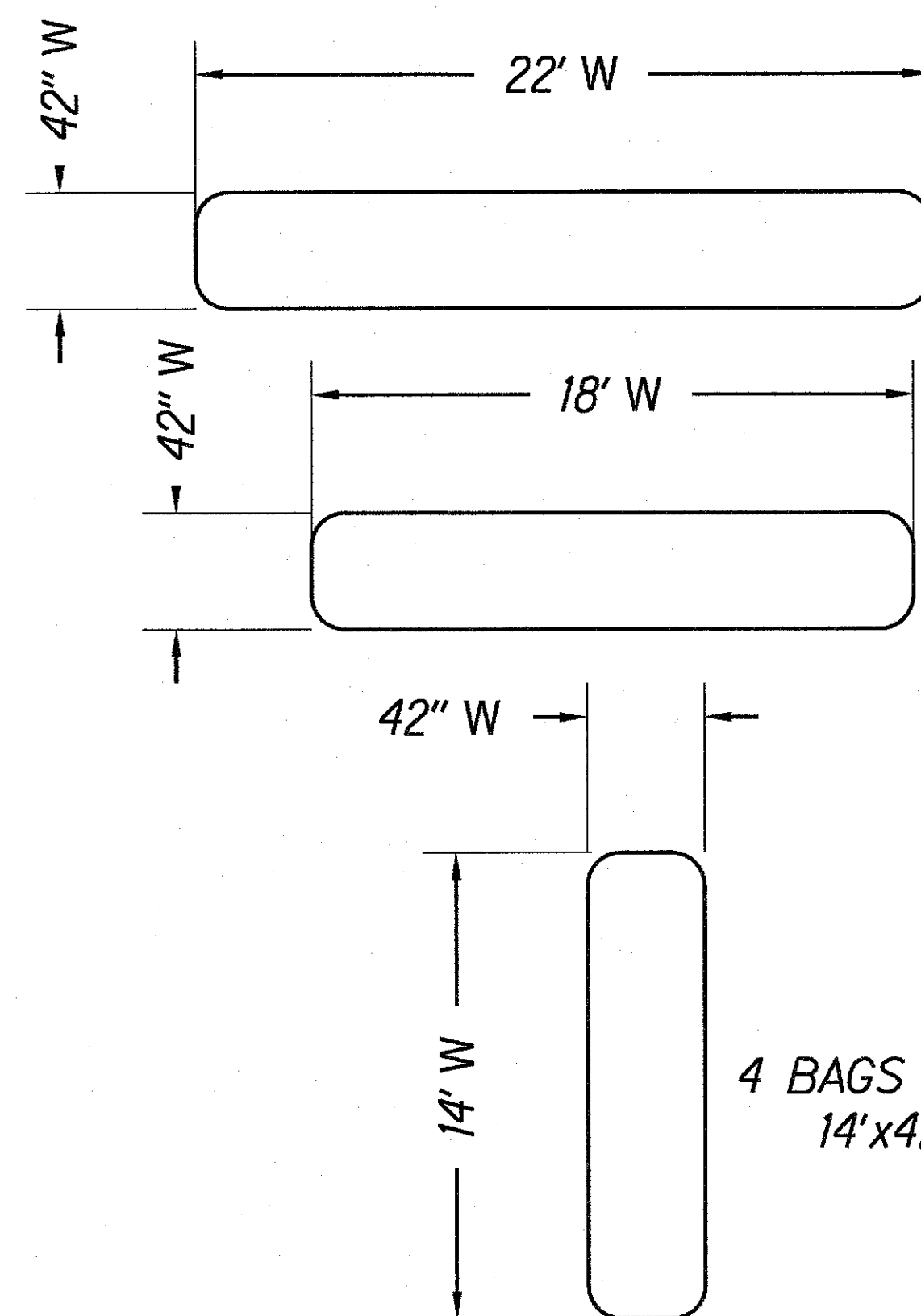


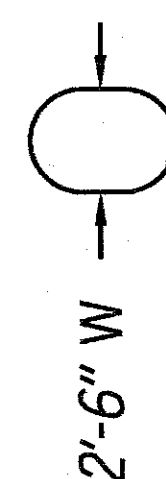
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-19 (009)	2018	15	29



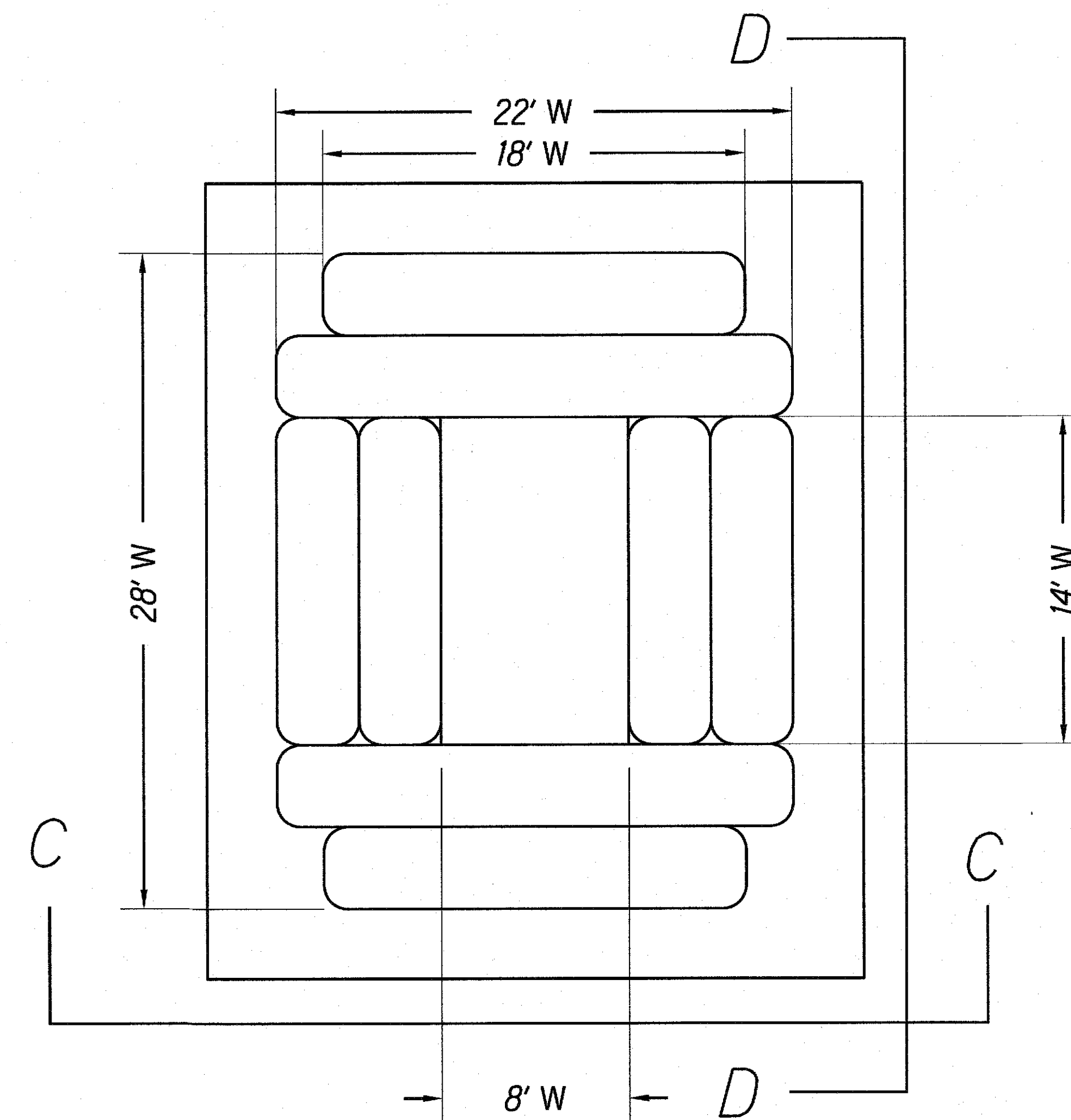
2 BAGS PER PIER
22'x42"x2'-6"

2 BAGS PER PIER
18'x42"x2'-6"

4 BAGS PER PIER
14'x42"x2'-6"



LIFT 1 BAGS FILLED TO 2'-6" THICKNESS



PLANTATION BRIDGE
PIER 2 & 3
LIFT 1

AS-BUILT

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	CHECKED BY	

JAMES I. KINCAID
LICENSED PROFESSIONAL ENGINEER
No. 12062-CE
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

SIGNATURE: *James Kincaid*
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

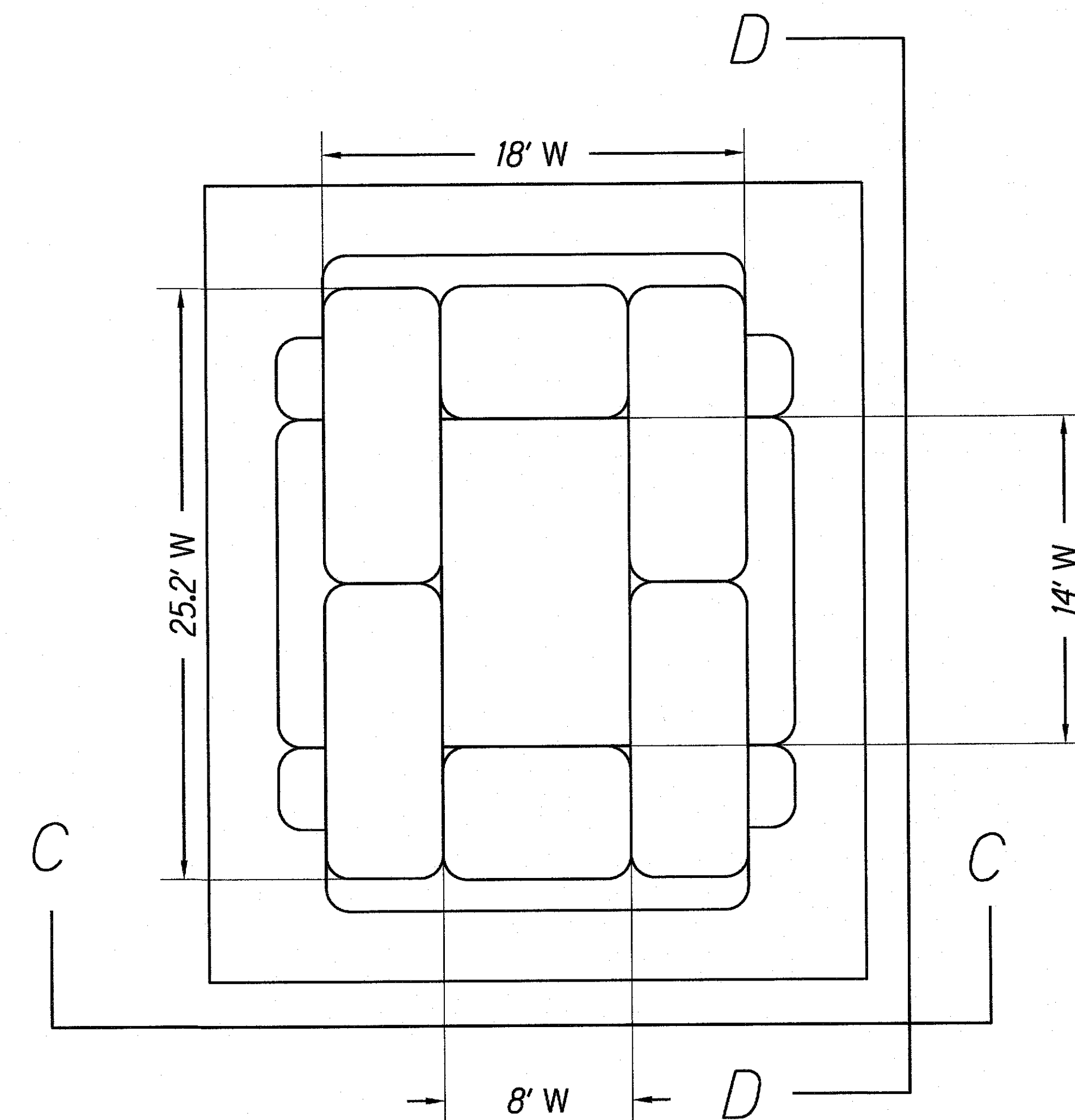
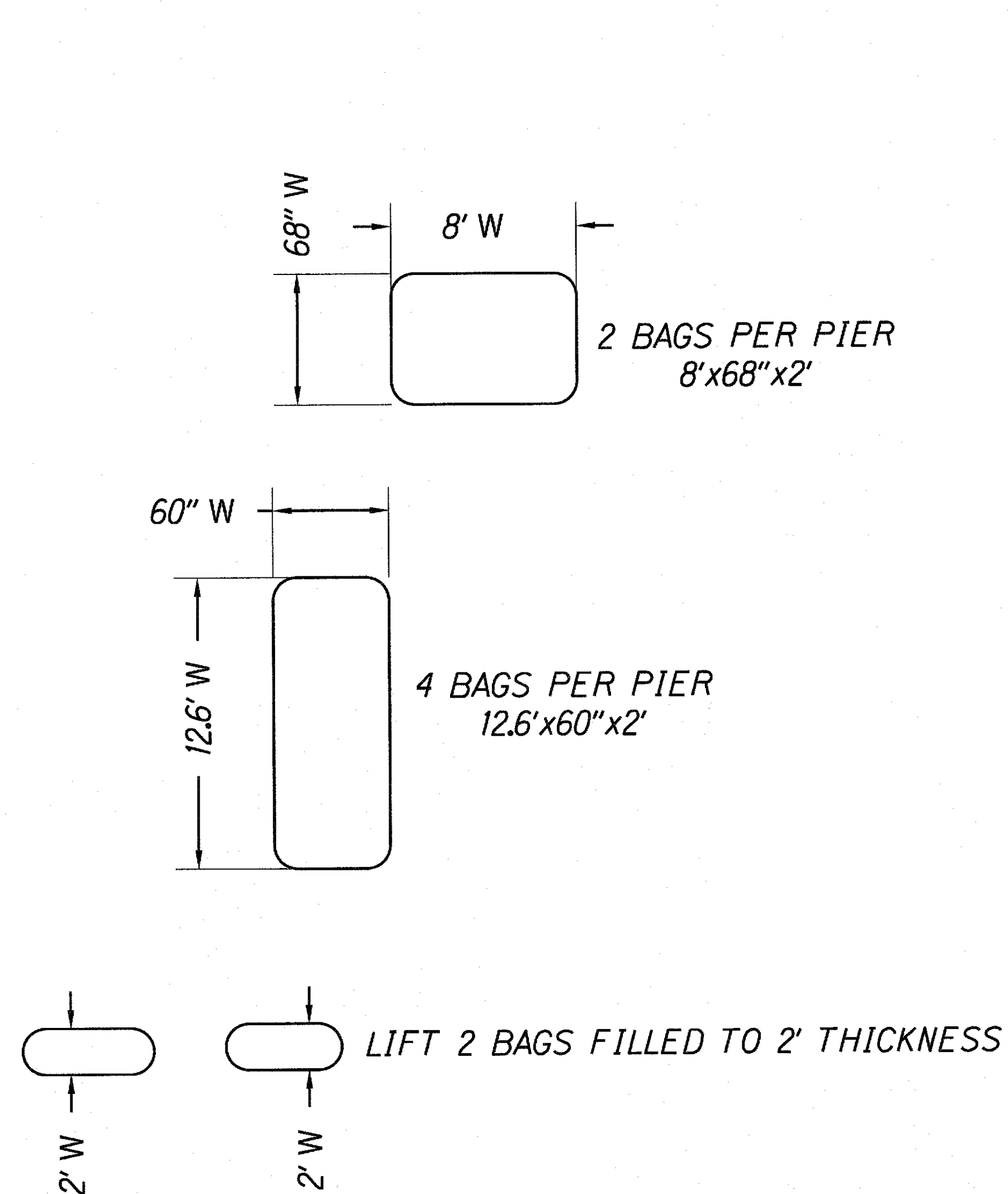
WAILUA RIVER PLANTATION BRIDGE
GROUT BAG PLACEMENT - LIFT 1

WAILUA RIVER
SCOUR COUNTERMEASURES
Proj. No. ER-19(009)

Scale: None Date: Oct. 26, 2018

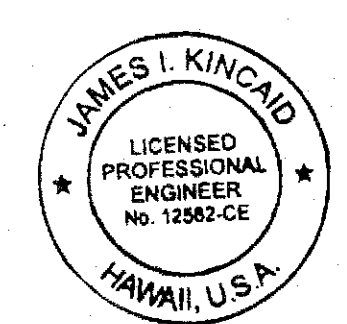
SHEET No. H-7 OF 29 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-19 (009)	2018	16	29



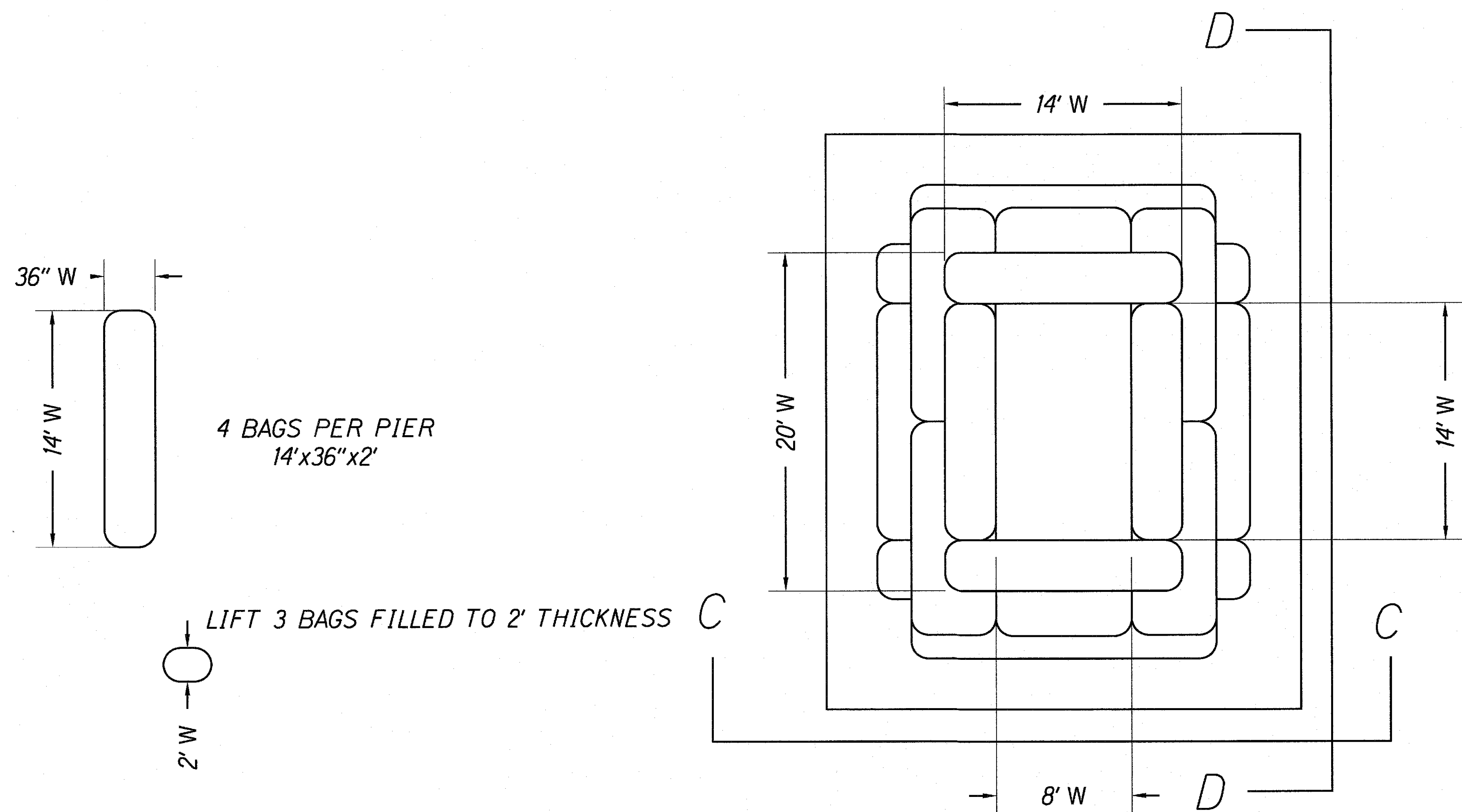
PLANTATION BRIDGE
PIER 2 & 3
LIFT 2

AS-BUILT

 <p>THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.</p> <p><i>James I. Kincaid</i> SIGNATURE</p> <p>EXPIRATION DATE OF THE LICENSE</p>	<p>STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION</p> <p>WAILUA RIVER PLANTATION BRIDGE GROUT BAG PLACEMENT - LIFT 2</p> <p>WAILUA RIVER SCOUR COUNTERMEASURES</p> <p>Proj. No. ER-19(009)</p> <p>Scale: None Date: Oct. 26, 2018</p>	
	SHEET No. H-8 OF 29 SHEETS	

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	TRACED BY	
	DESIGNED BY	
	CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-19 (009)	2018	17	29



PLANTATION BRIDGE
PIER 2 & 3
LIFT 3

AS-BUILT

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	TRACED BY	
	DESIGNED BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

WAILUA RIVER PLANTATION BRIDGE
GROUT BAG PLACEMENT - LIFT 3

WAILUA RIVER
SCOUR COUNTERMEASURES
Proj. No. ER-19(009)
Scale: None Date: Oct. 26, 2018

SHEET No. H-9 OF 29 SHEETS

JAMES I. KINCAID
LICENSED PROFESSIONAL ENGINEER
No. 12362-CE
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

James I. Kincaid
SIGNATURE

EXPIRATION DATE
OF THE LICENSE