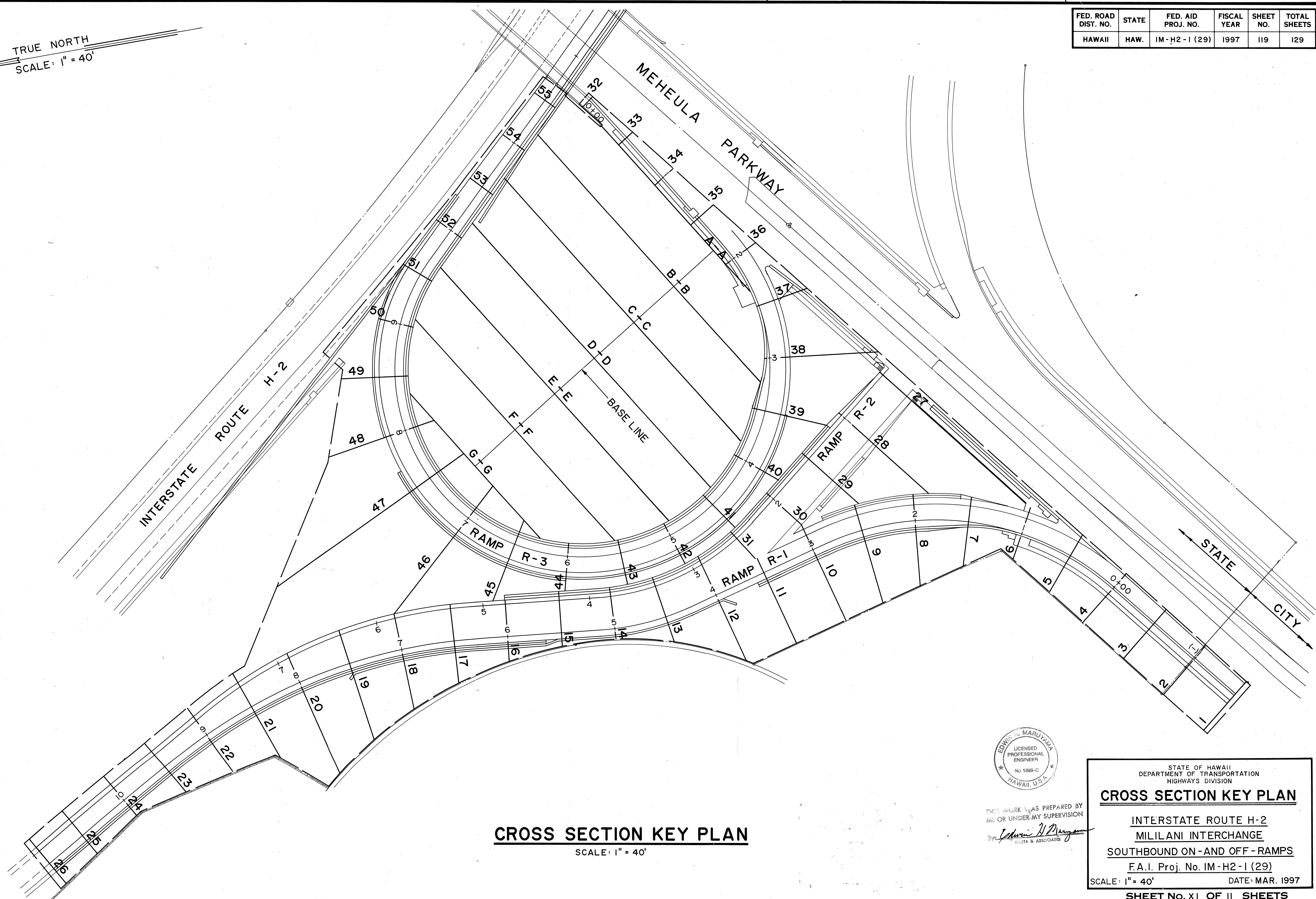
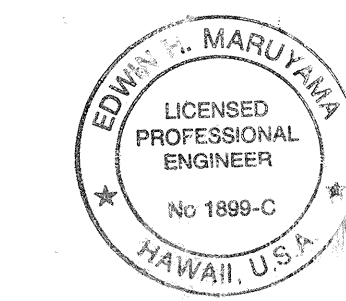


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H2-1 (29)	1997	119	129

TRUE NORTH
SCALE: 1" = 40'



CROSS SECTION KEY PLAN
SCALE: 1" = 40'



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION
Edwin P. Maruyama
EDWIN P. MARUYAMA & ASSOCIATES

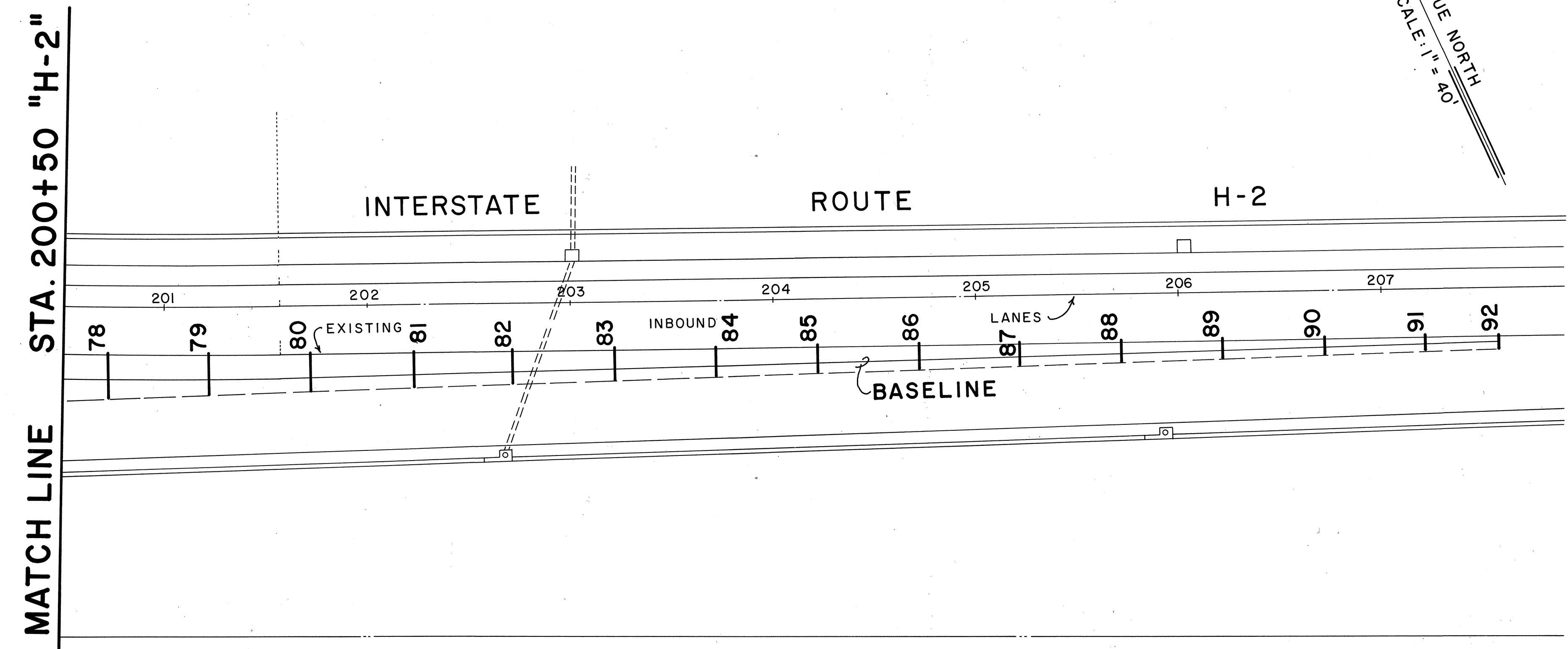
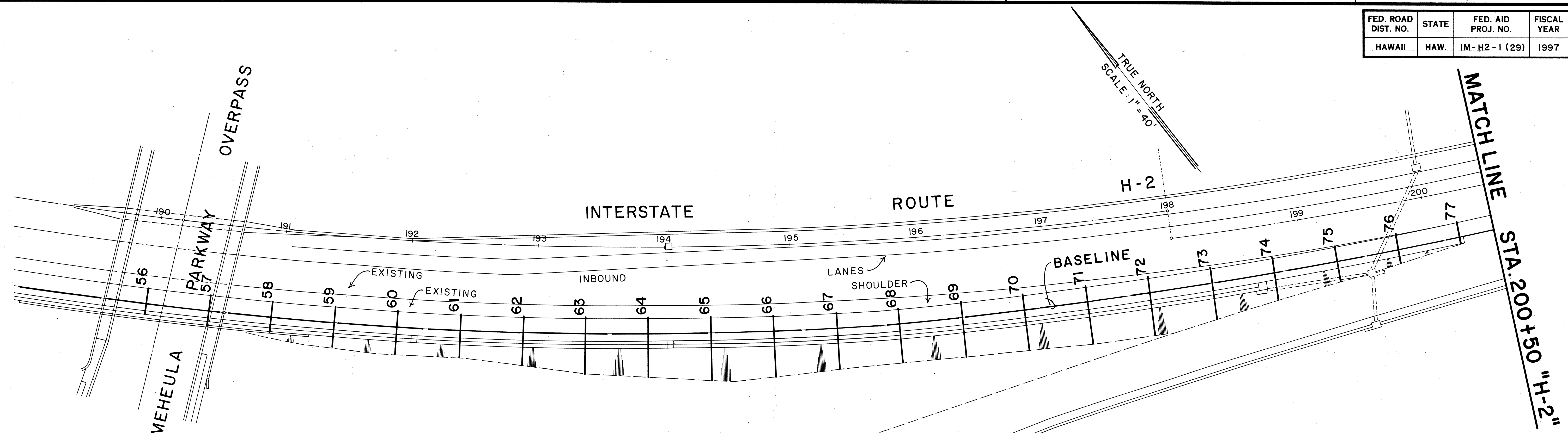
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CROSS SECTION KEY PLAN

INTERSTATE ROUTE H-2
MILILANI INTERCHANGE
SOUTHBOUND ON-AND OFF-RAMPS
F.A.I. Proj. No. IM-H2-1 (29)
SCALE: 1" = 40' DATE: MAR. 1997
SHEET No. XI OF 11 SHEETS

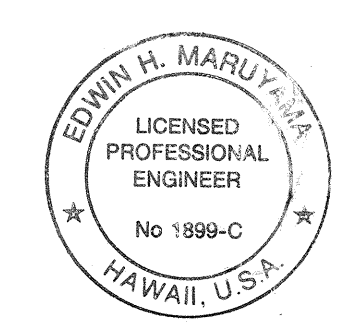
ORIGINAL PLAN	DATE
DESIGNED BY	
DRAWN BY	
NOTED BY	
CHECKED BY	
NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H2-1 (29)	1997	120	129



CROSS SECTION KEY PLAN
SCALE: 1" = 40'

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
NO.	DESIGNED BY	
	CHECKED BY	



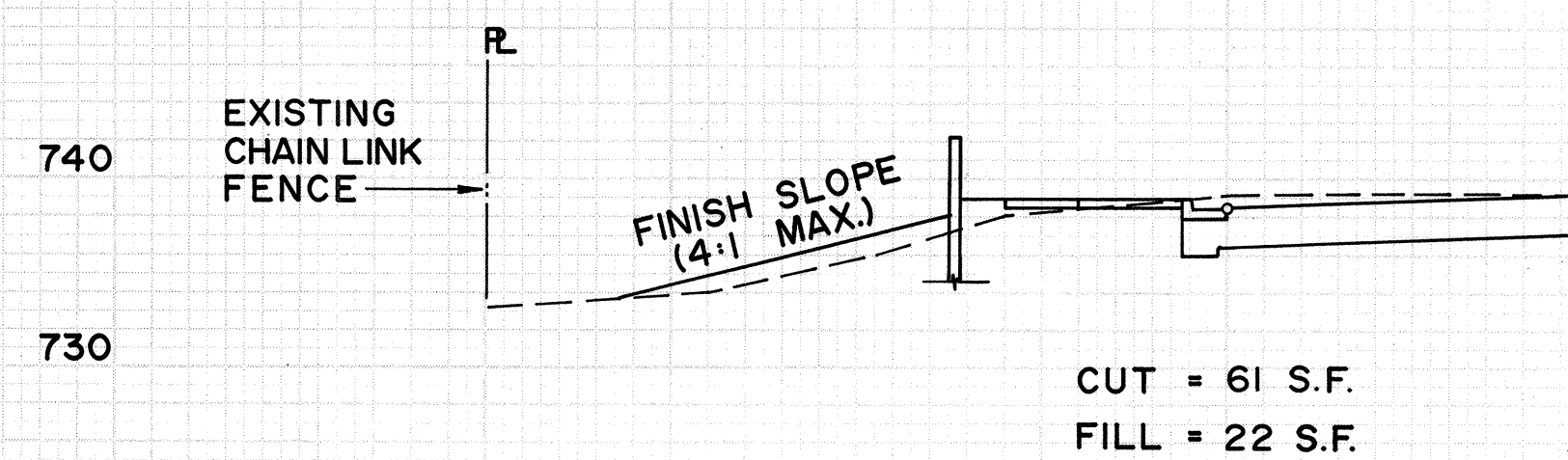
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION
By: *Edwin H. Maruyama*
FUTATA & ASSOCIATES

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
CROSS SECTION KEY PLAN
INTERSTATE ROUTE H-2
MILILANI INTERCHANGE
SOUTHBOUND ON-AND OFF-RAMPS
F.A.I. Proj. No. IM-H2-1 (29)
SCALE: 1" = 40'

DATE: MAR. 1997
SHEET NO. X2 OF 11 SHEETS

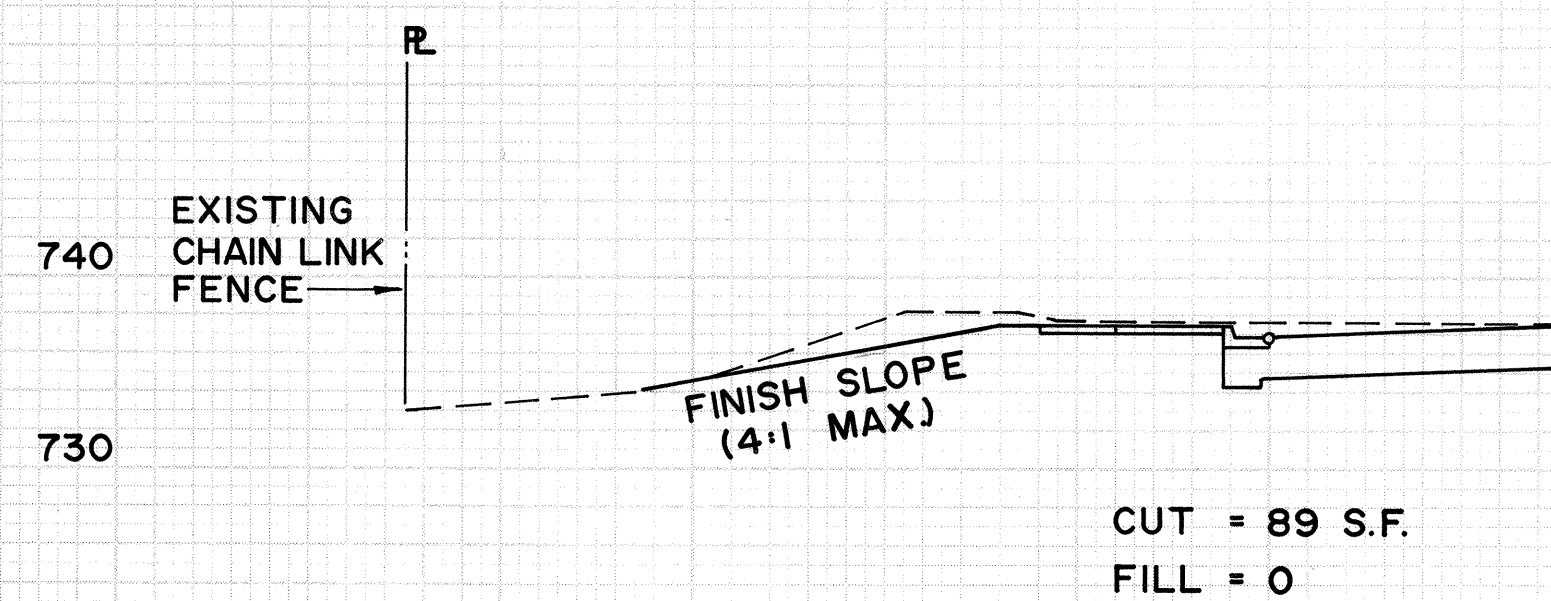
FINAL	DATE
SURVEY	BY
PLOTTED	
TEMPLATE	
NO.	

ORIGINAL	DATE
SURVEY	BY
PLOTTED	
TEMPLATE	
NO.	



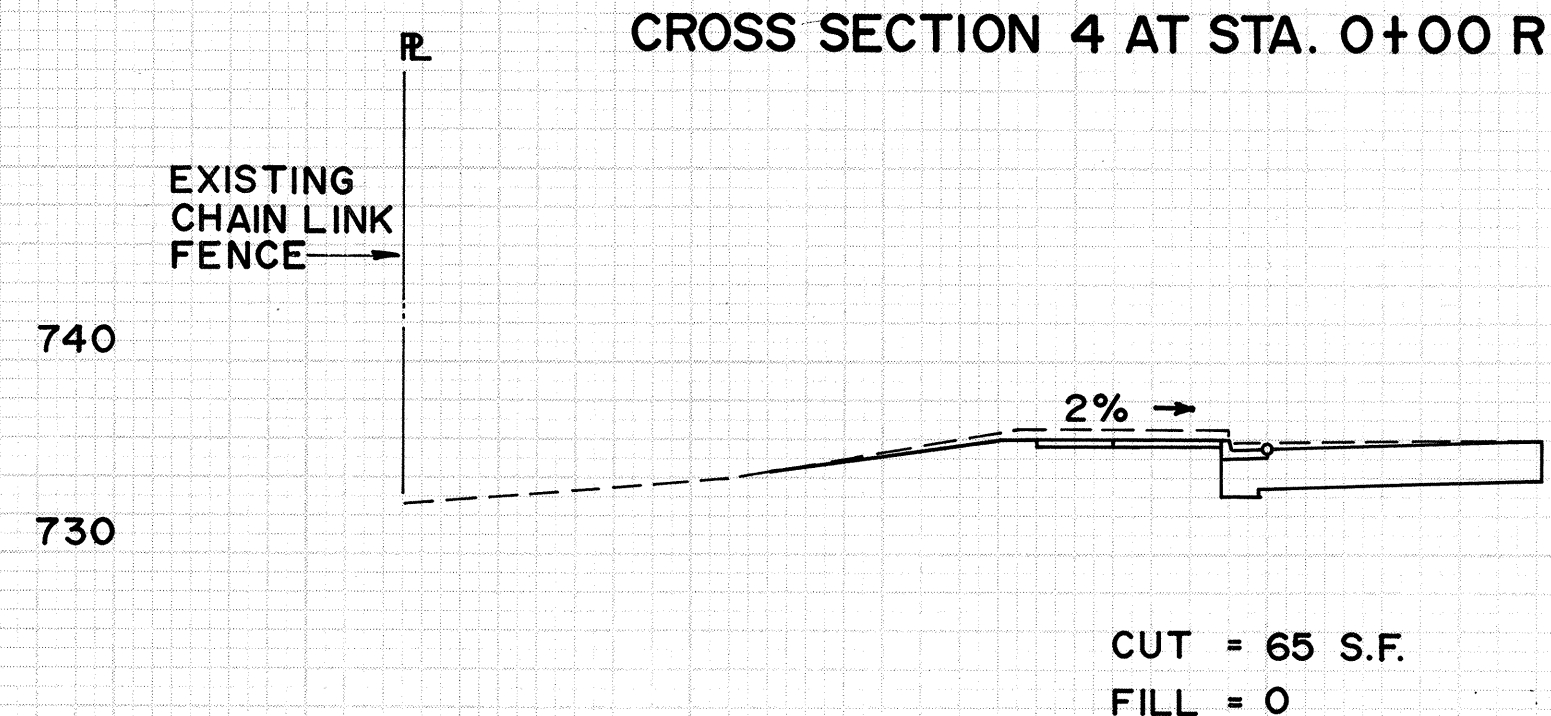
CROSS SECTION 5 AT STA. 0+50 R-1

EXC. = 139 C.Y.
EMB. = 20 C.Y.



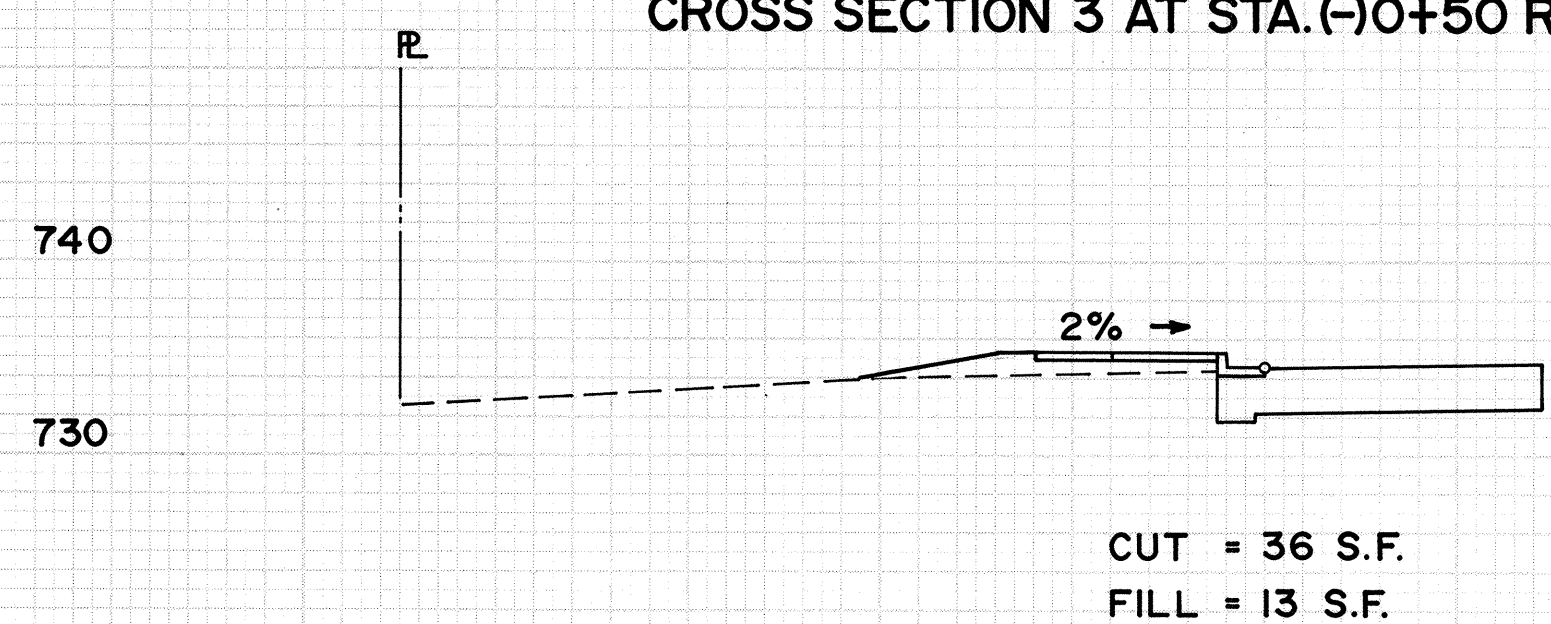
CROSS SECTION 4 AT STA. 0+00 R-1

EXC. = 143 C.Y.
EMB. = 0



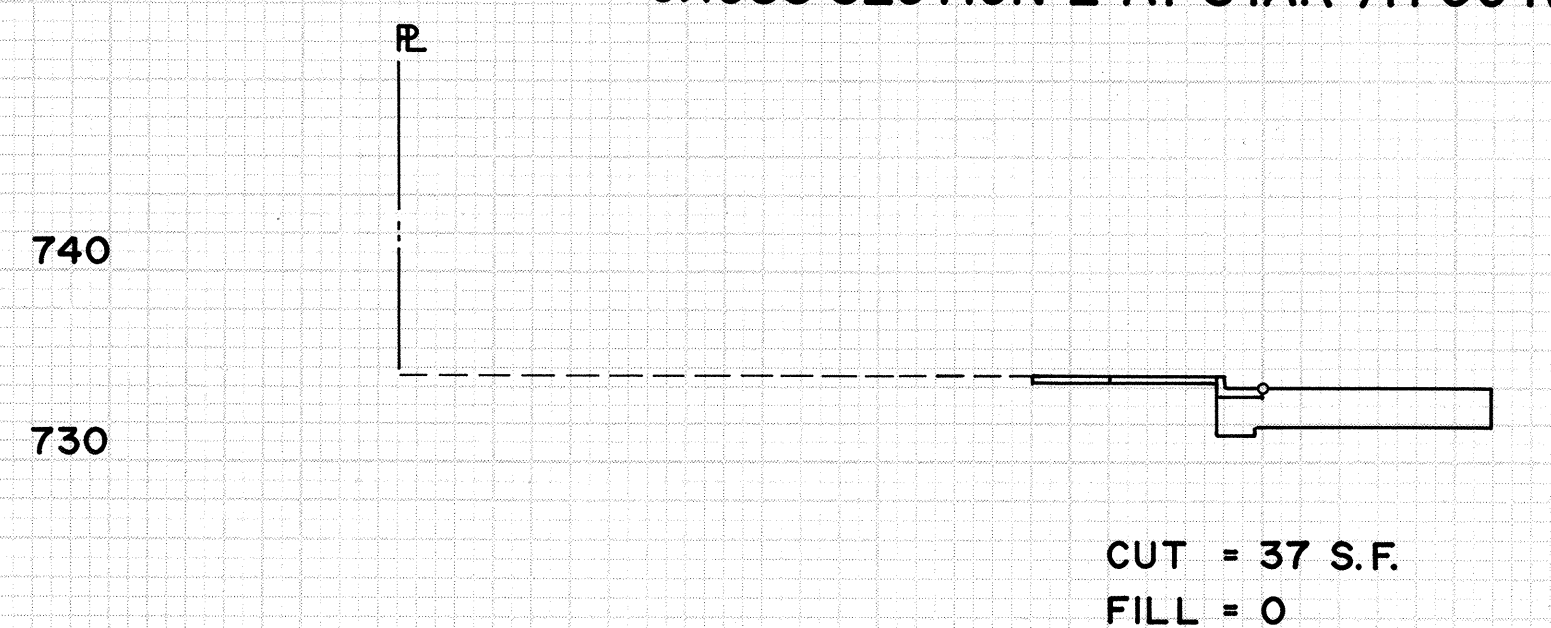
CROSS SECTION 3 AT STA. (-)0+50 R-1

EXC. = 94 C.Y.
EMB. = 12 C.Y.

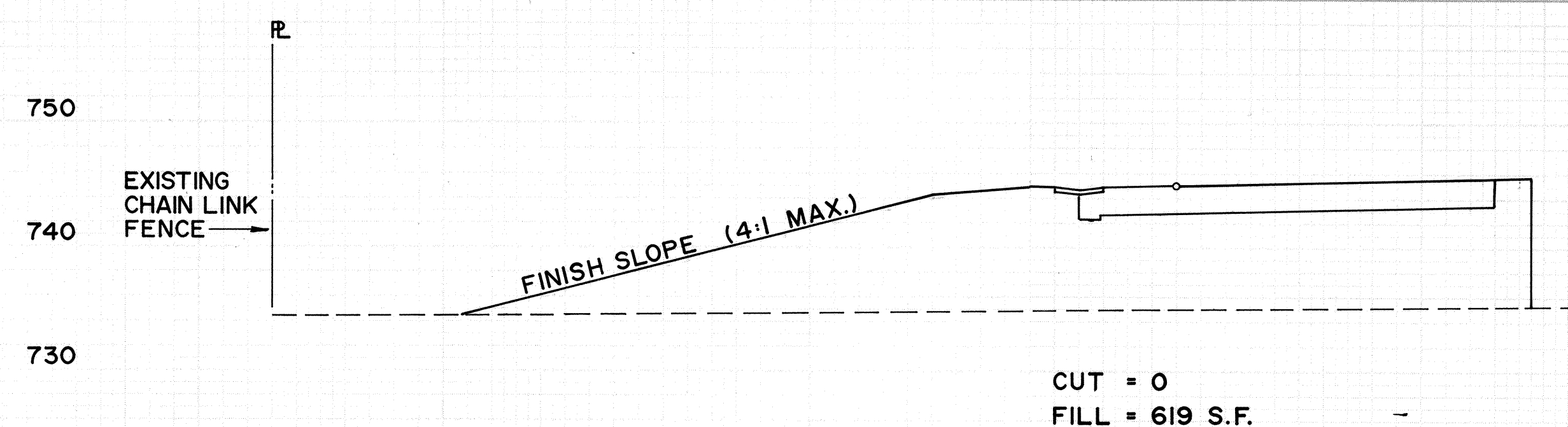


CROSS SECTION 2 AT STA. (-)1+00 R-1

EXC. = 68 C.Y.
EMB. = 12 C.Y.

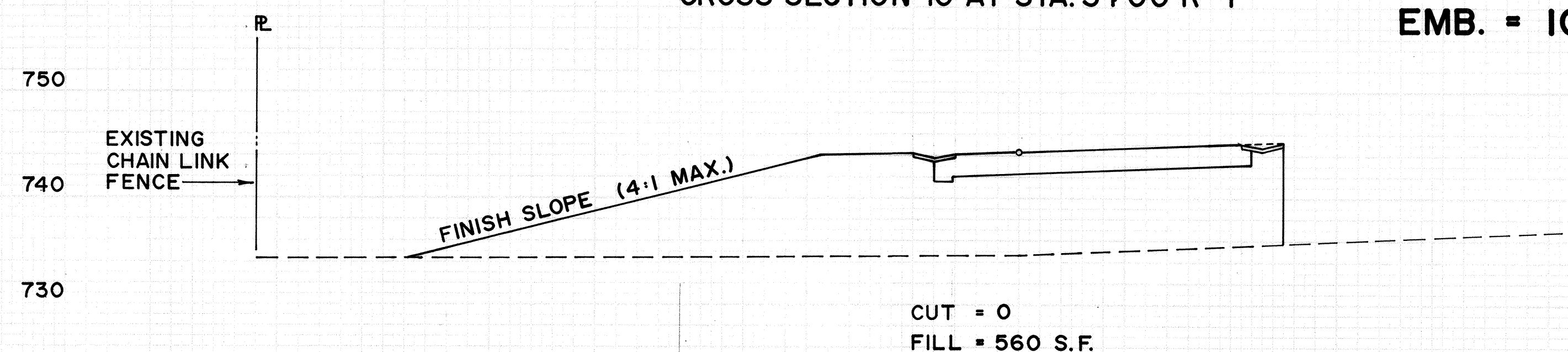


CROSS SECTION 1 AT STA. (-)1+50 R-1



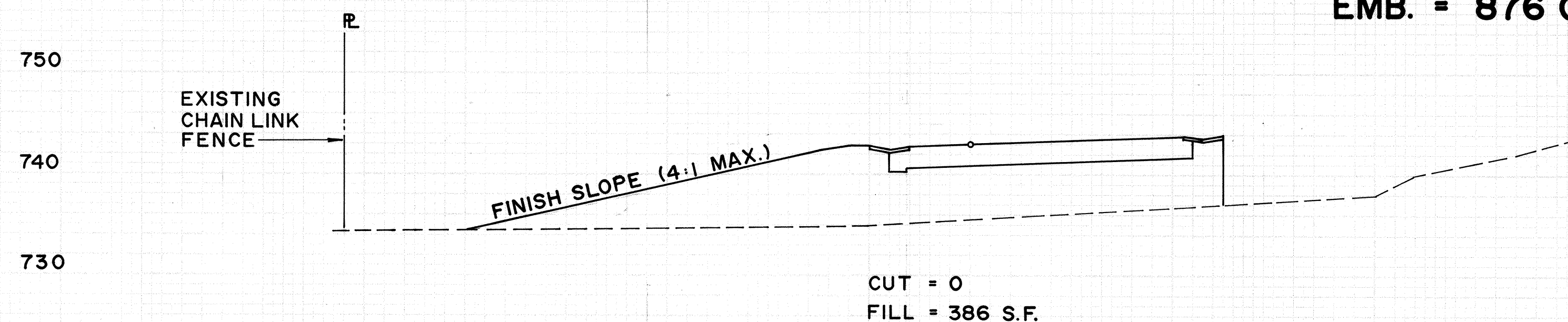
CROSS SECTION 10 AT STA. 3+00 R-1

EXC. = 0
EMB. = 1092 C.Y.



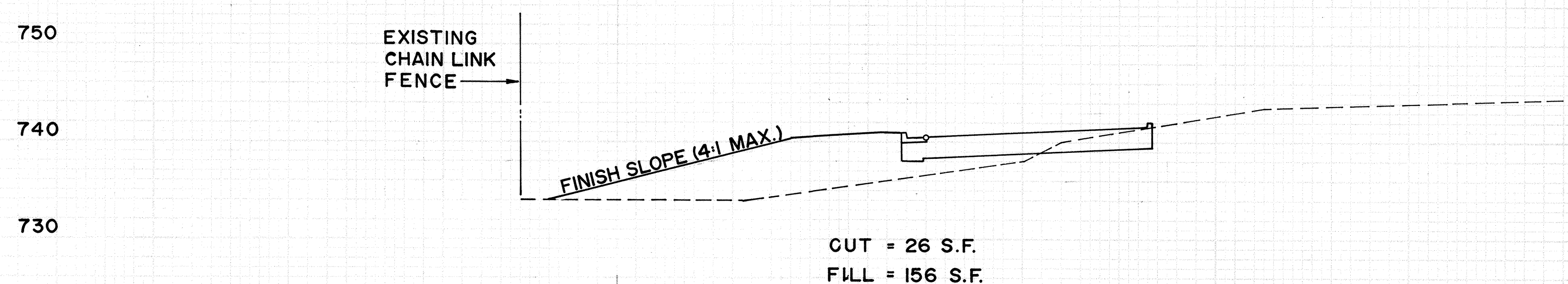
CROSS SECTION 9 AT STA. 2+50 R-1

EXC. = 0
EMB. = 876 C.Y.



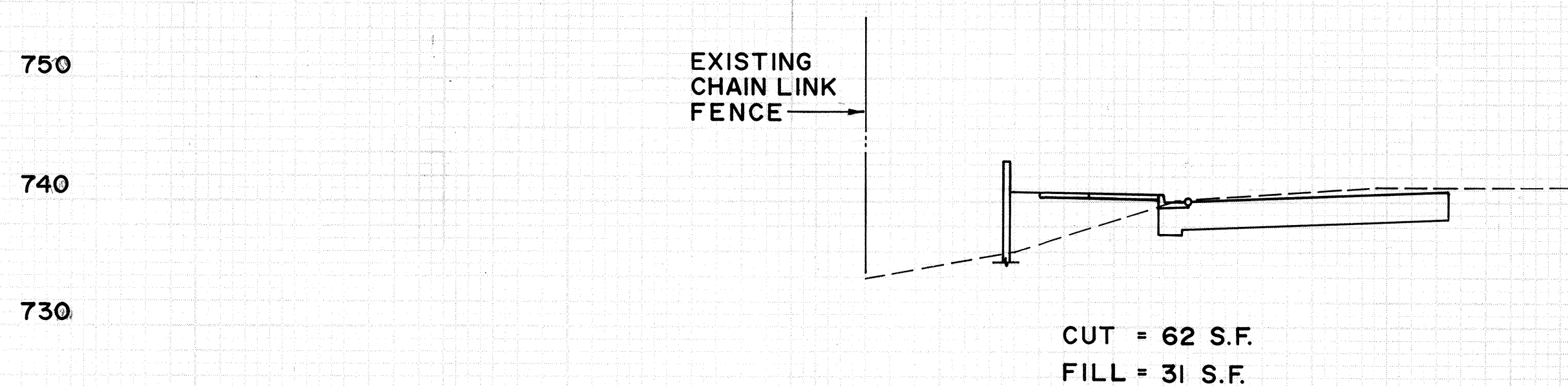
CROSS SECTION 8 AT STA. 2+00 R-1

EXC. = 24 C.Y.
EMB. = 502 C.Y.



CROSS SECTION 7 AT STA. 1+50 R-1

EXC. = 81 C.Y.
EMB. = 173 C.Y.



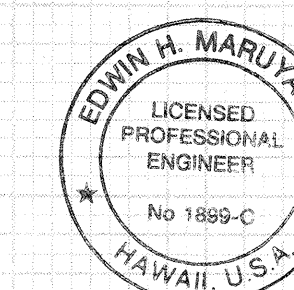
CROSS SECTION 6 AT STA. 1+00 R-1

EXC. = 114 C.Y.
EMB. = 49 C.Y.

SCALE:
HORIZ. 1" = 10'
VERT. 1" = 10'

"AS BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H2-1 (29)	1997	121	129



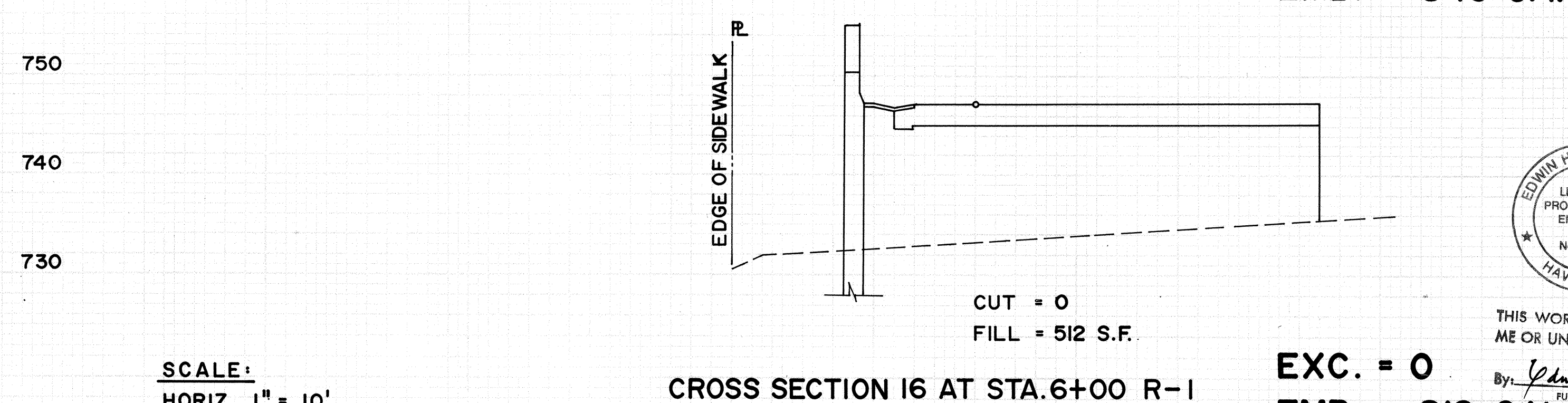
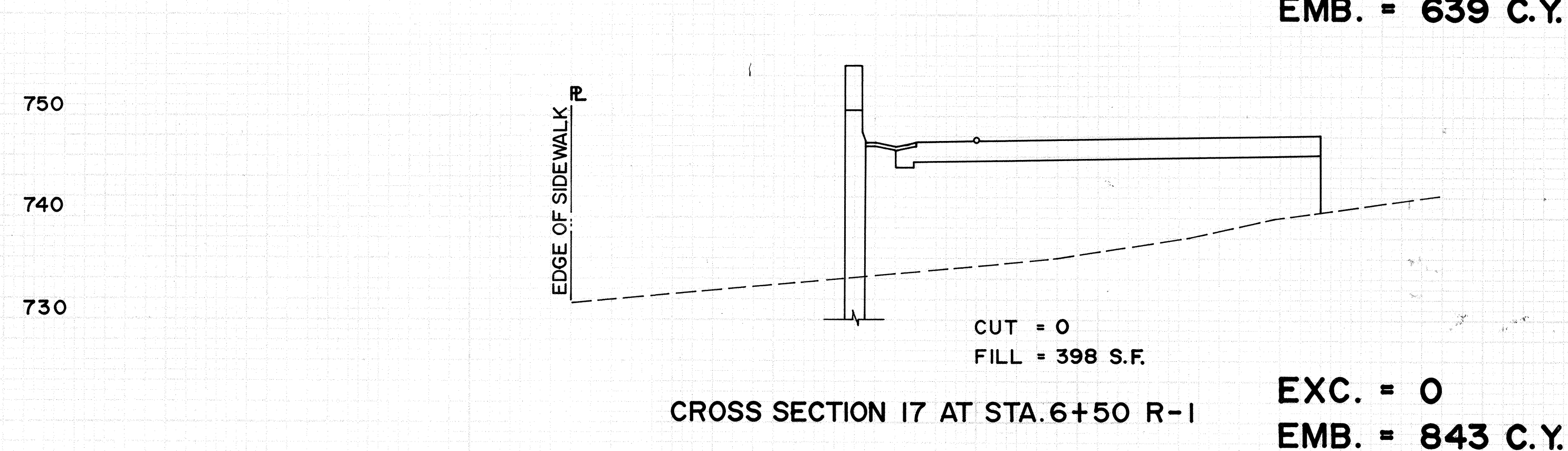
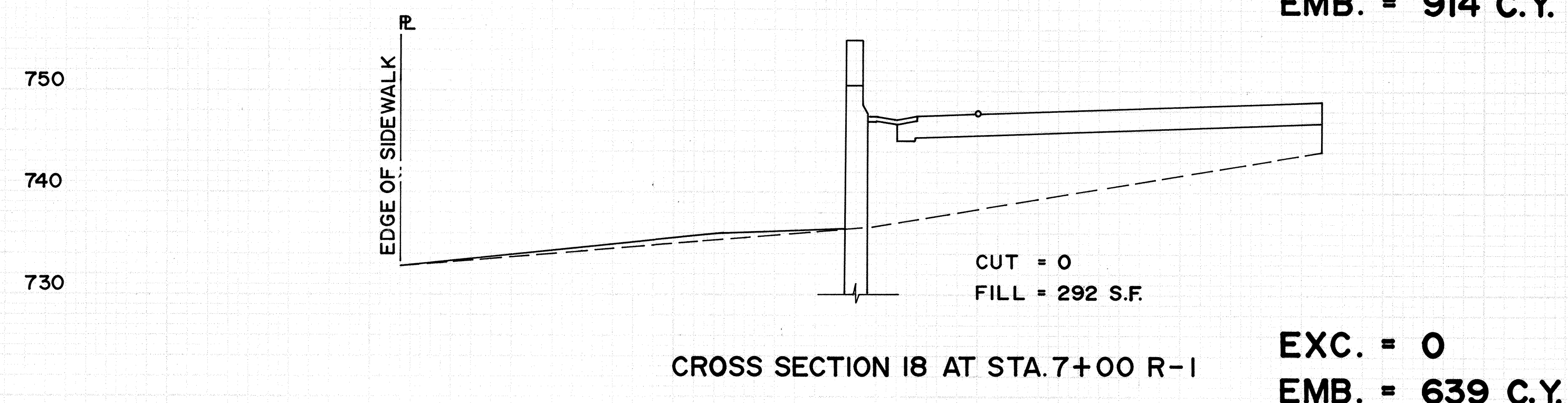
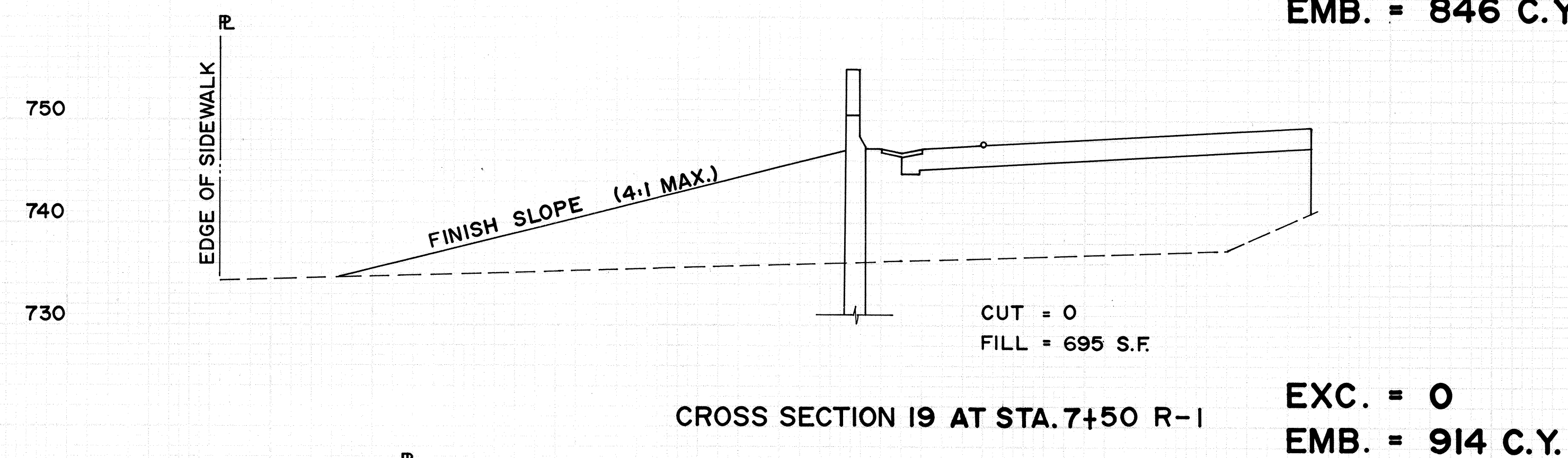
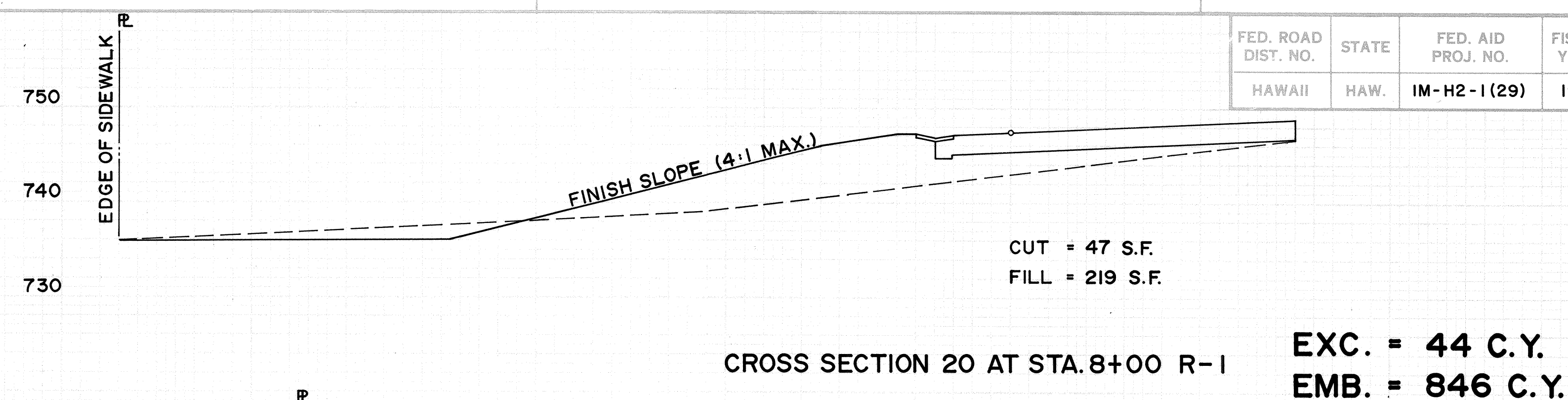
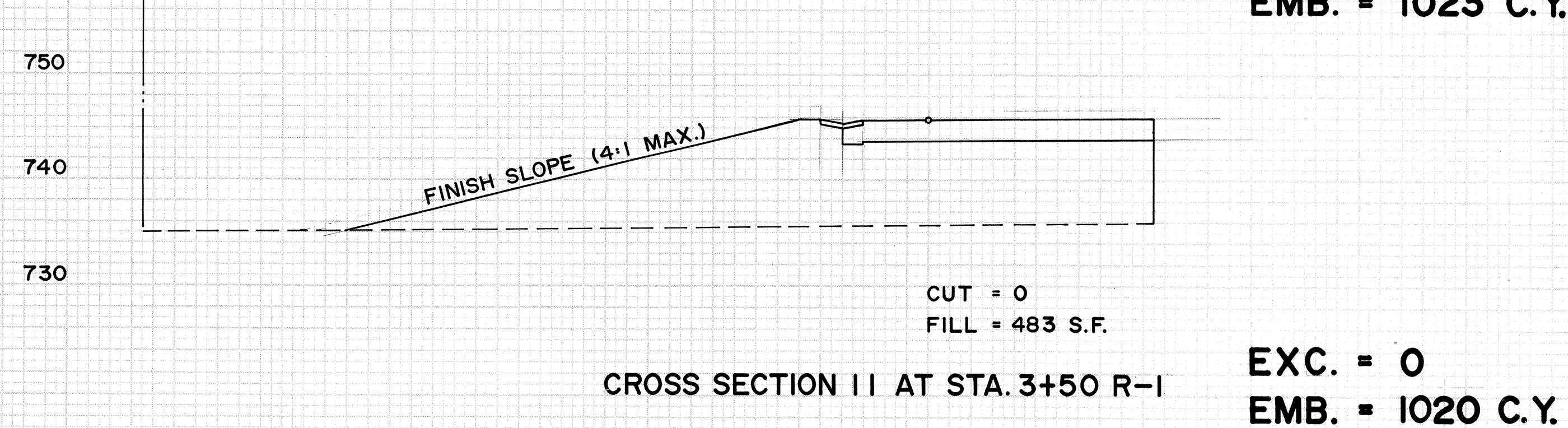
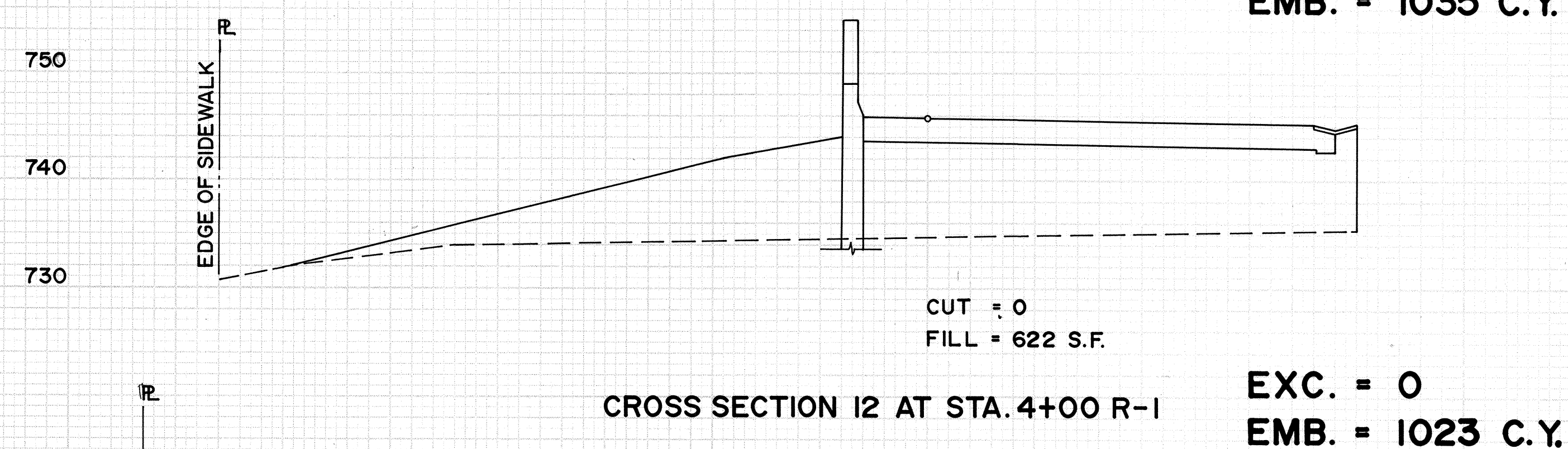
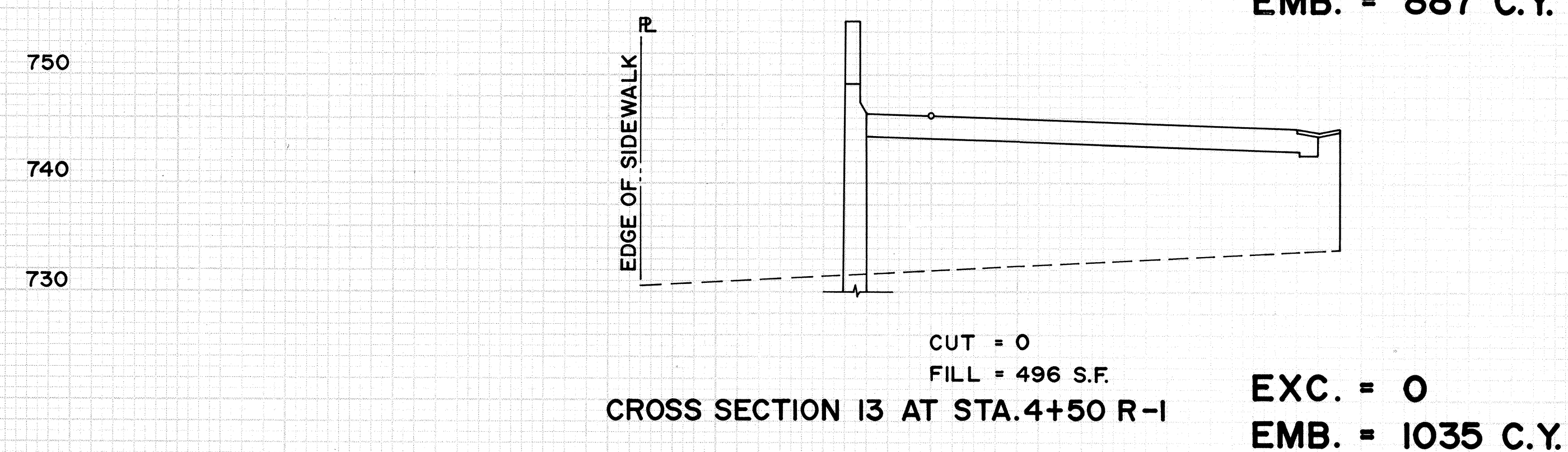
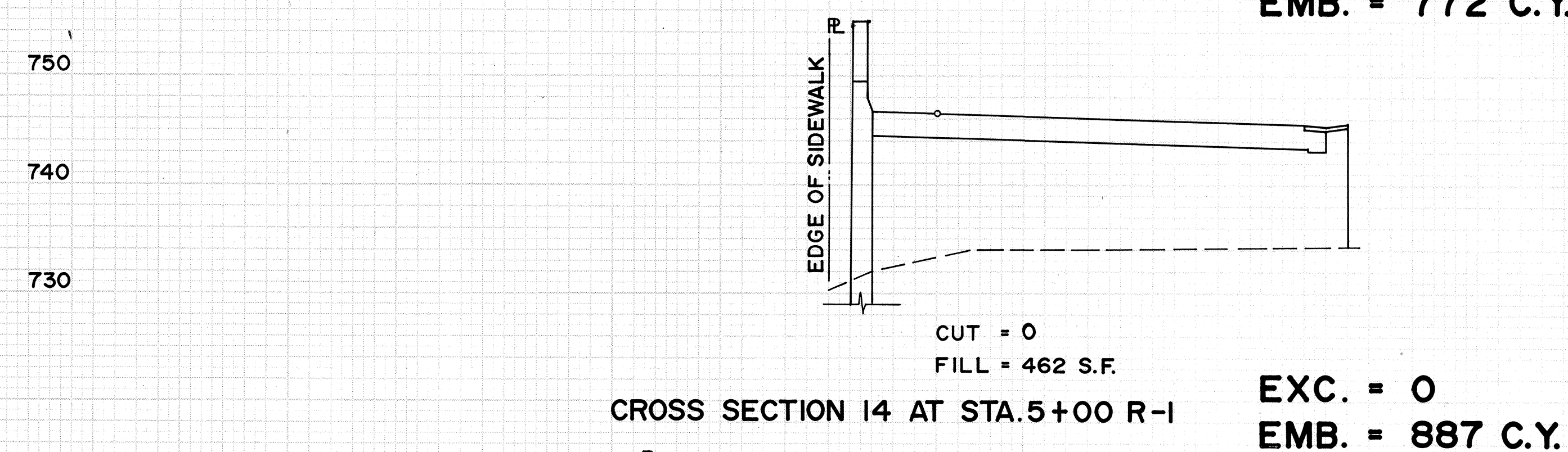
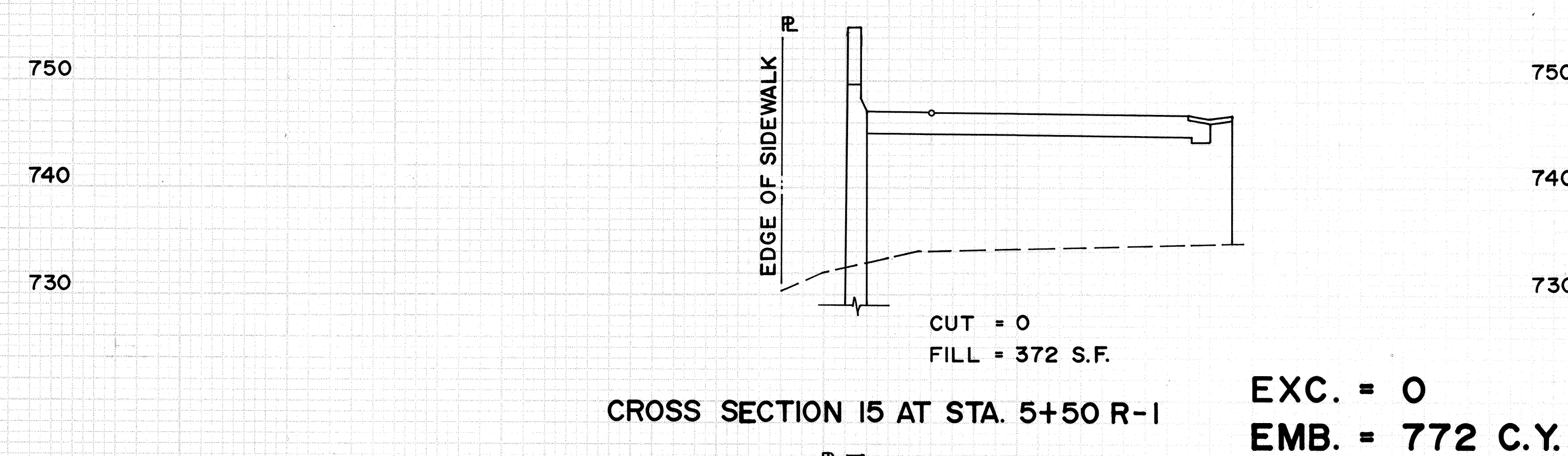
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

By: *Edwin H. Maruyama*
Fujita & Associates

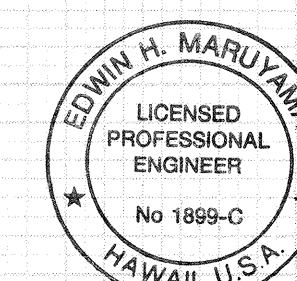
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1M-H2-1 (29)	1997	122	129

FINAL SURVEY	DATE
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
NO.	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
NO.	
AREAS CHECKED	



SCALE:
HORIZ. 1" = 10'
VERT. 1" = 10'



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

By: *Edwin H. Maruyama*
FUJITA & ASSOCIATES

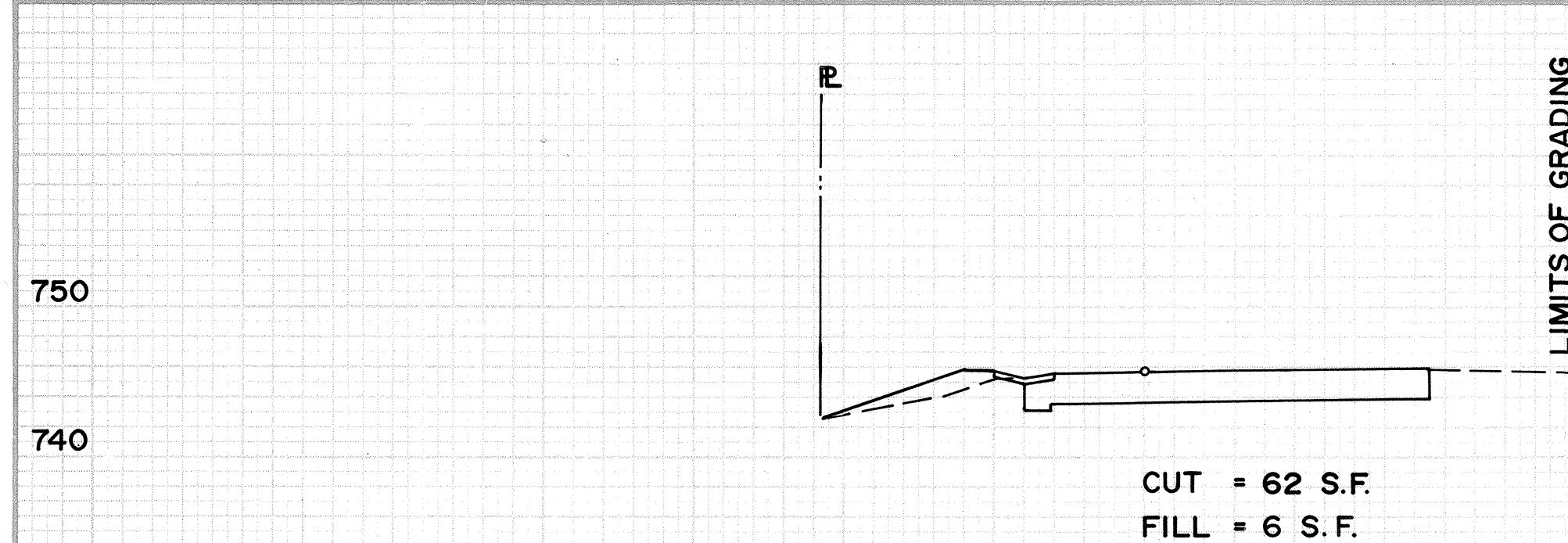
"AS BUILT"

SHEET NO. X4 OF 11 SHEETS

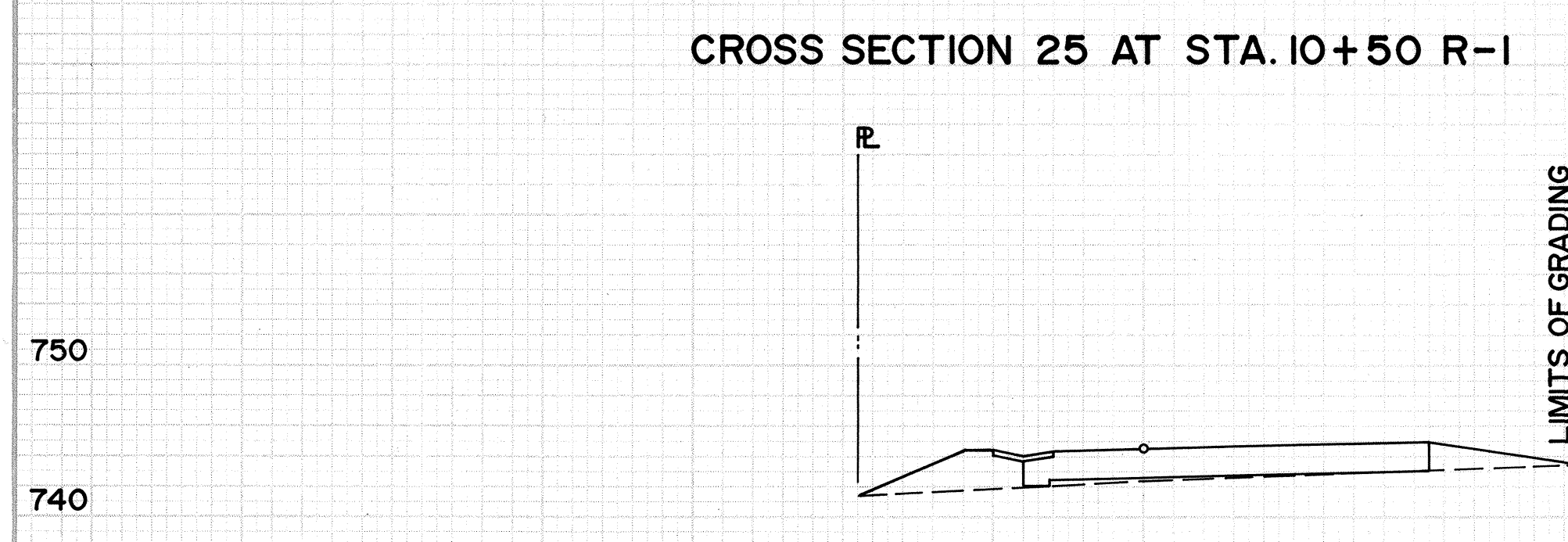
DATE	BY	FINAL SURVEY	SURVEYED	PLOTTED	TEMPLATE	NO.
		NOTE BOOK				
		AREAS CHECKED				

DATE	BY	ORIGINAL SURVEY	SURVEYED	PLOTTED	TEMPLATE	NO.
		NOTE BOOK				
		AREAS CHECKED				

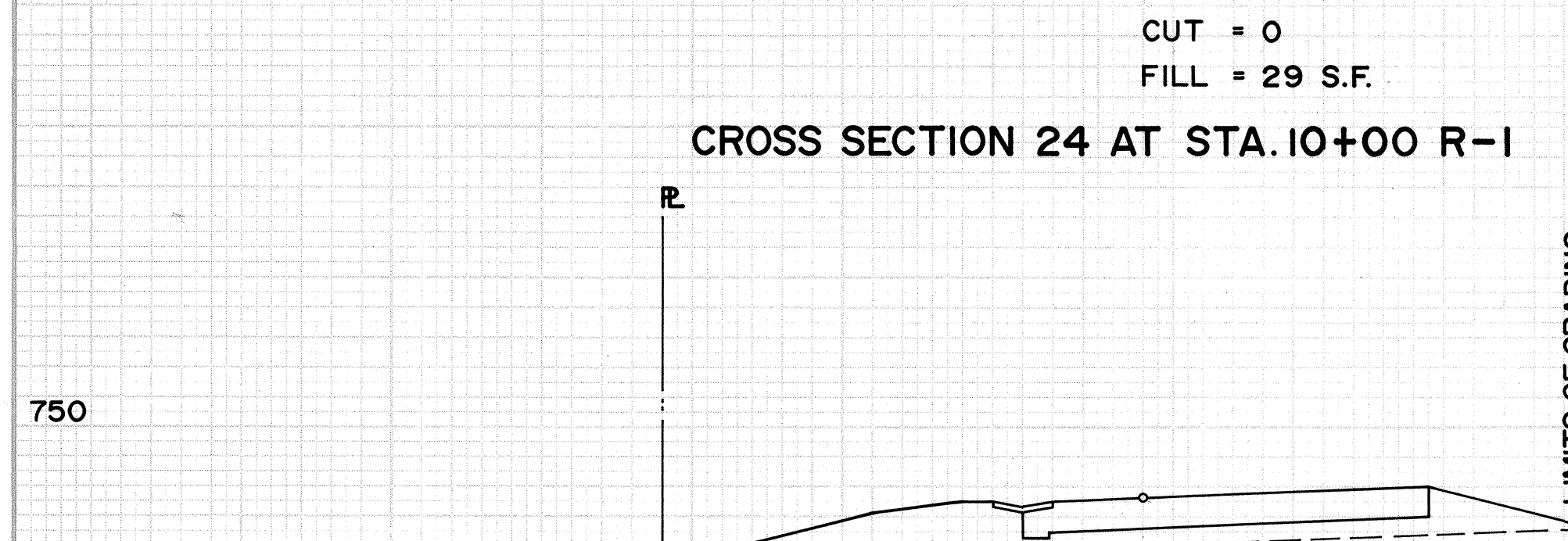
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H2-1(29)	1997	123	129



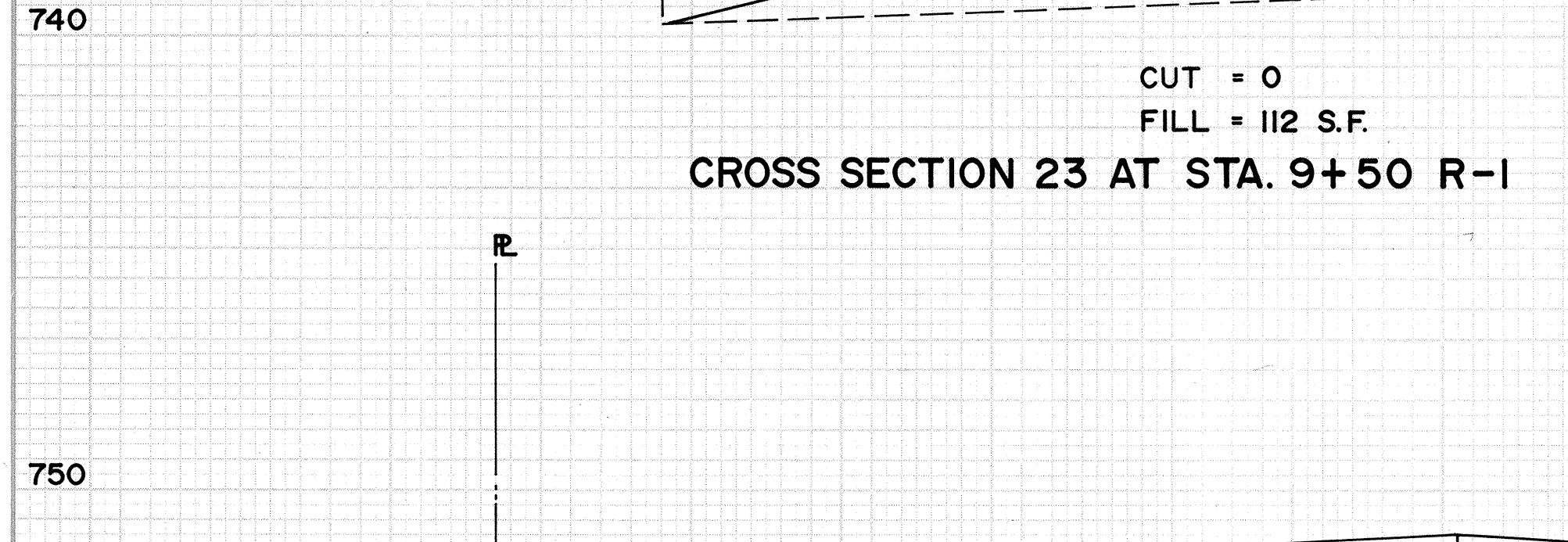
EXC. = 92 C.Y.
EMB. = 7 C.Y.



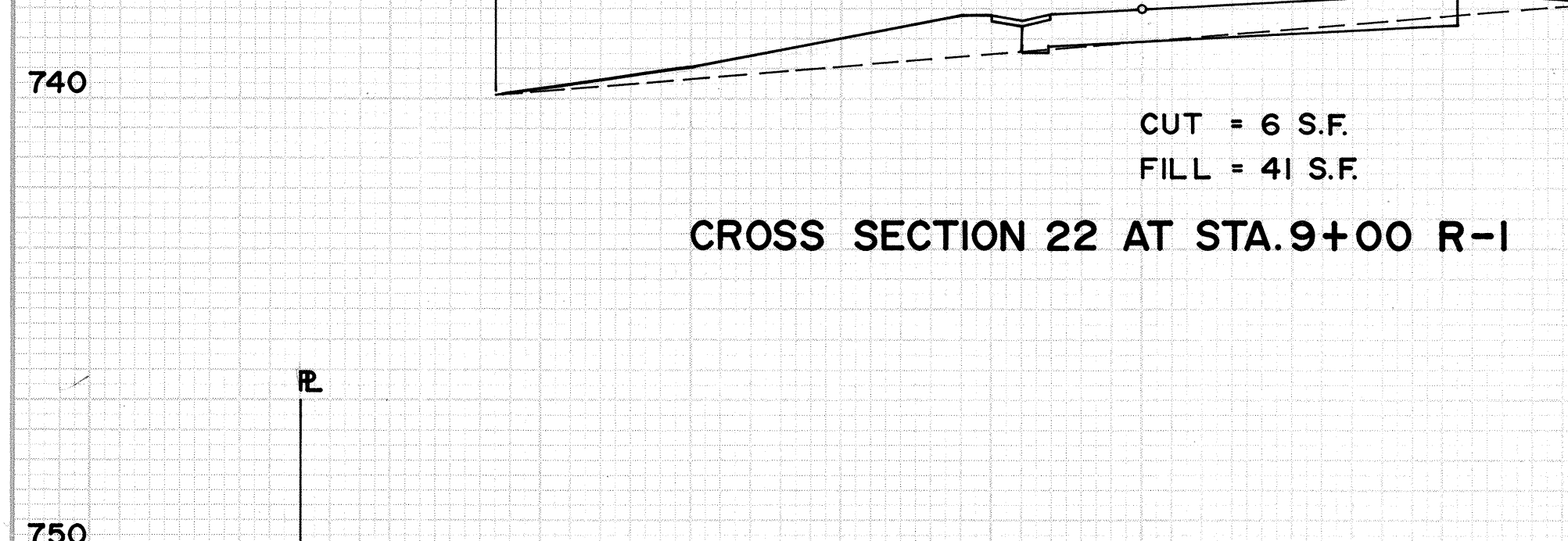
EXC. = 57 C.Y.
EMB. = 32 C.Y.



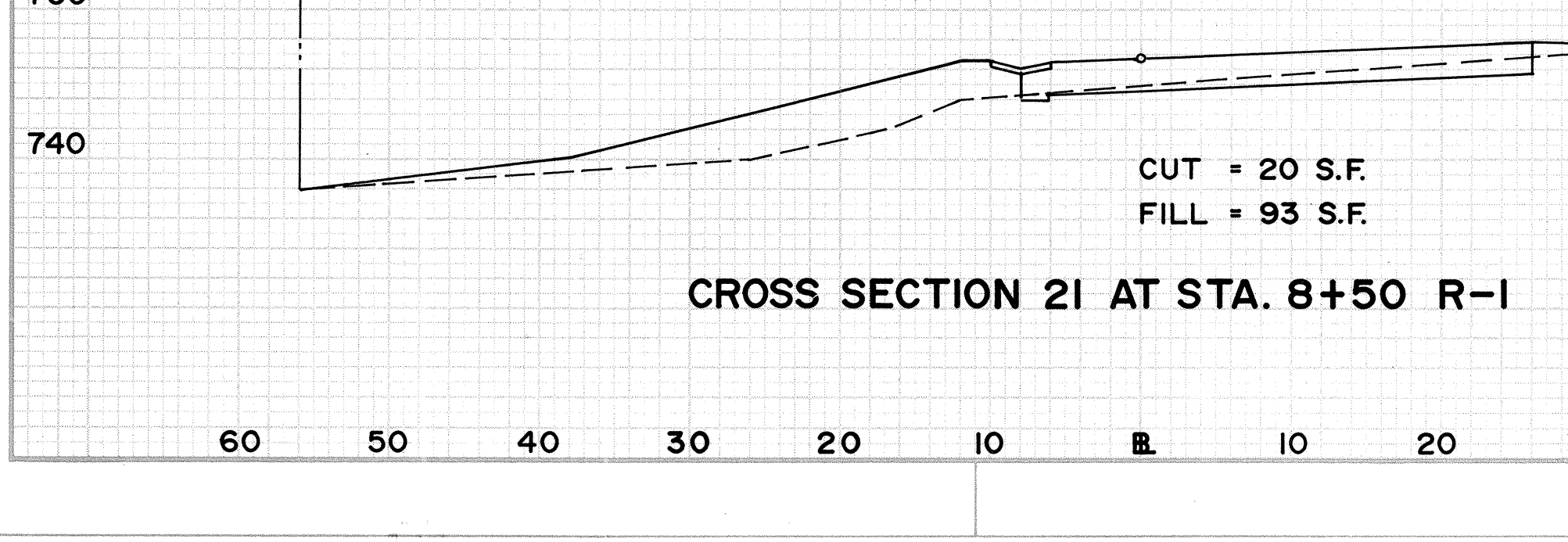
EXC. = 0
EMB. = 131 C.Y.



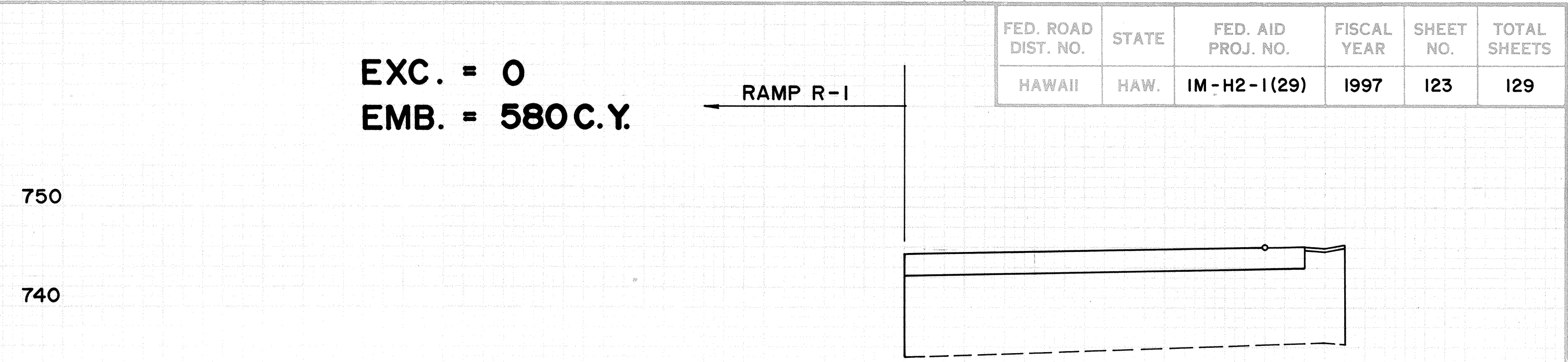
EXC. = 6 C.Y.
EMB. = 142 C.Y.



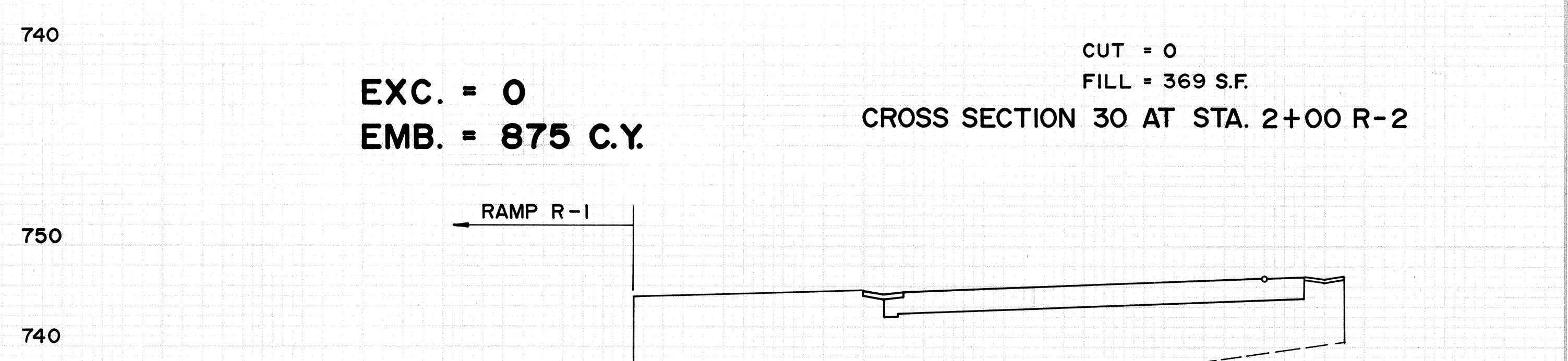
EXC. = 24 C.Y.
EMB. = 124 C.Y.



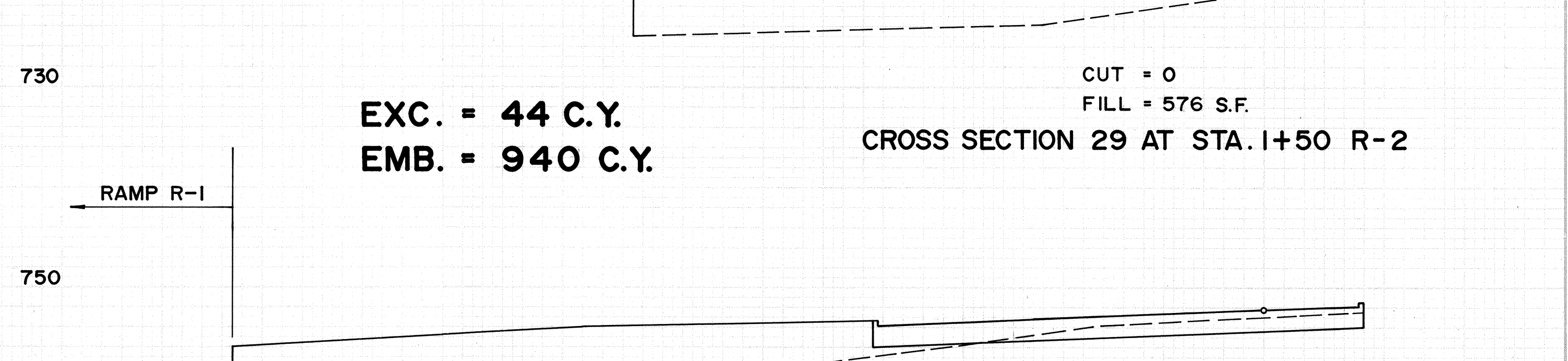
EXC. = 62 C.Y.
EMB. = 289 C.Y.



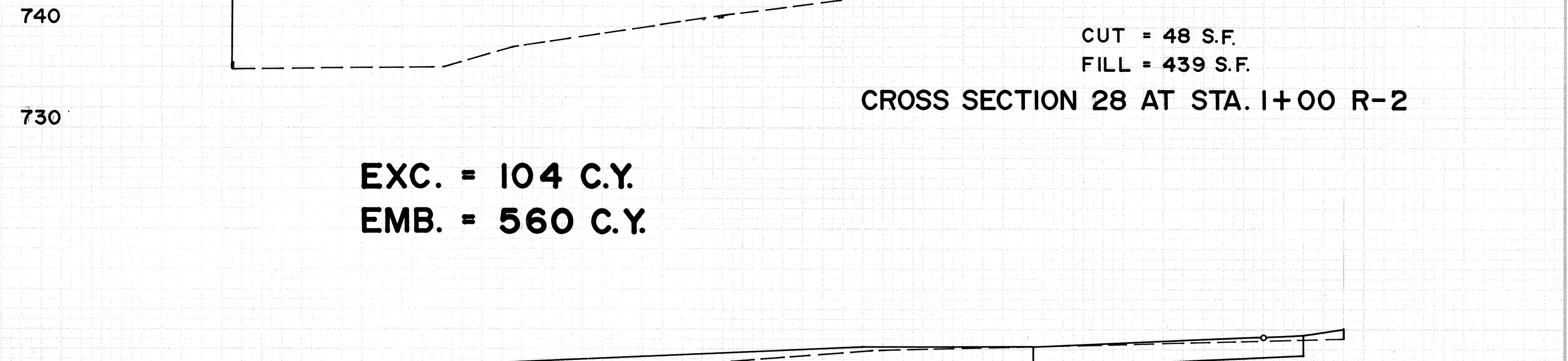
EXC. = 0
EMB. = 580 C.Y.



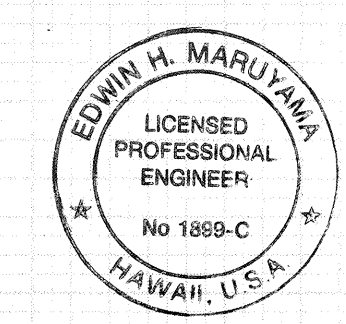
EXC. = 0
EMB. = 875 C.Y.



EXC. = 44 C.Y.
EMB. = 940 C.Y.



EXC. = 104 C.Y.
EMB. = 560 C.Y.



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION
By: *Edwin H. Maruyama*
FUJITA & ASSOCIATES

SCALE:
HORIZ. 1" = 10'
VERT. 1" = 10'

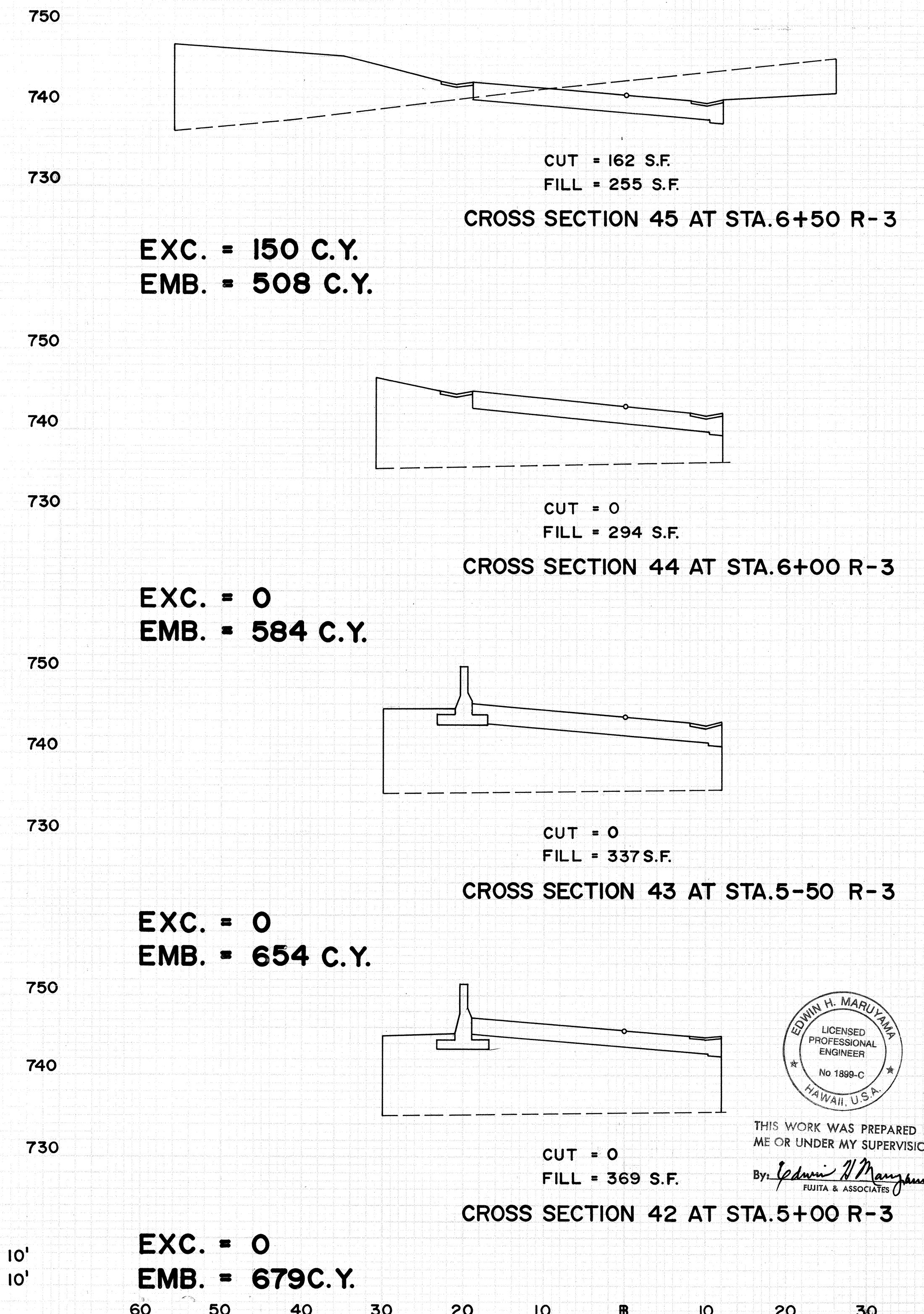
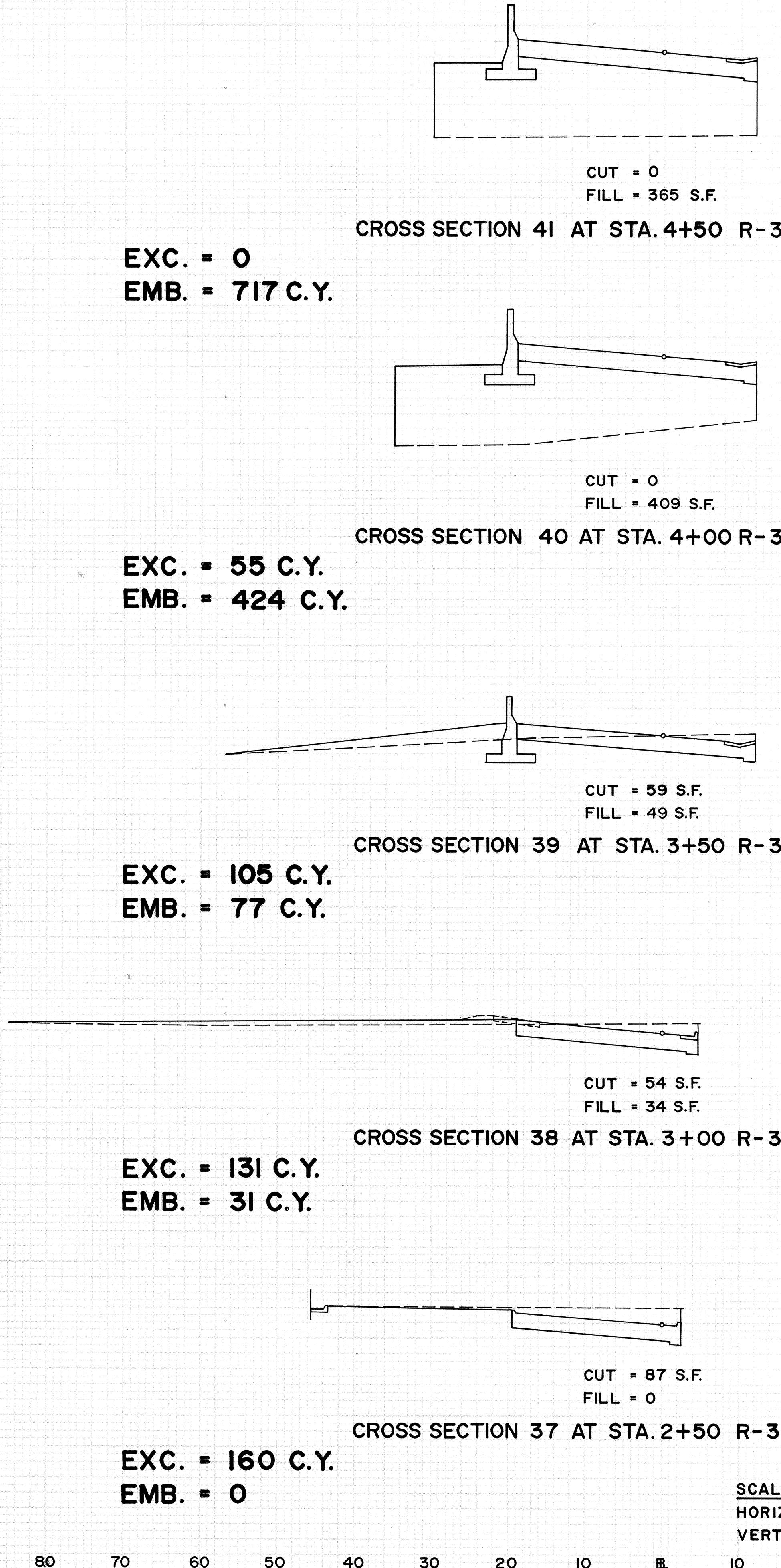
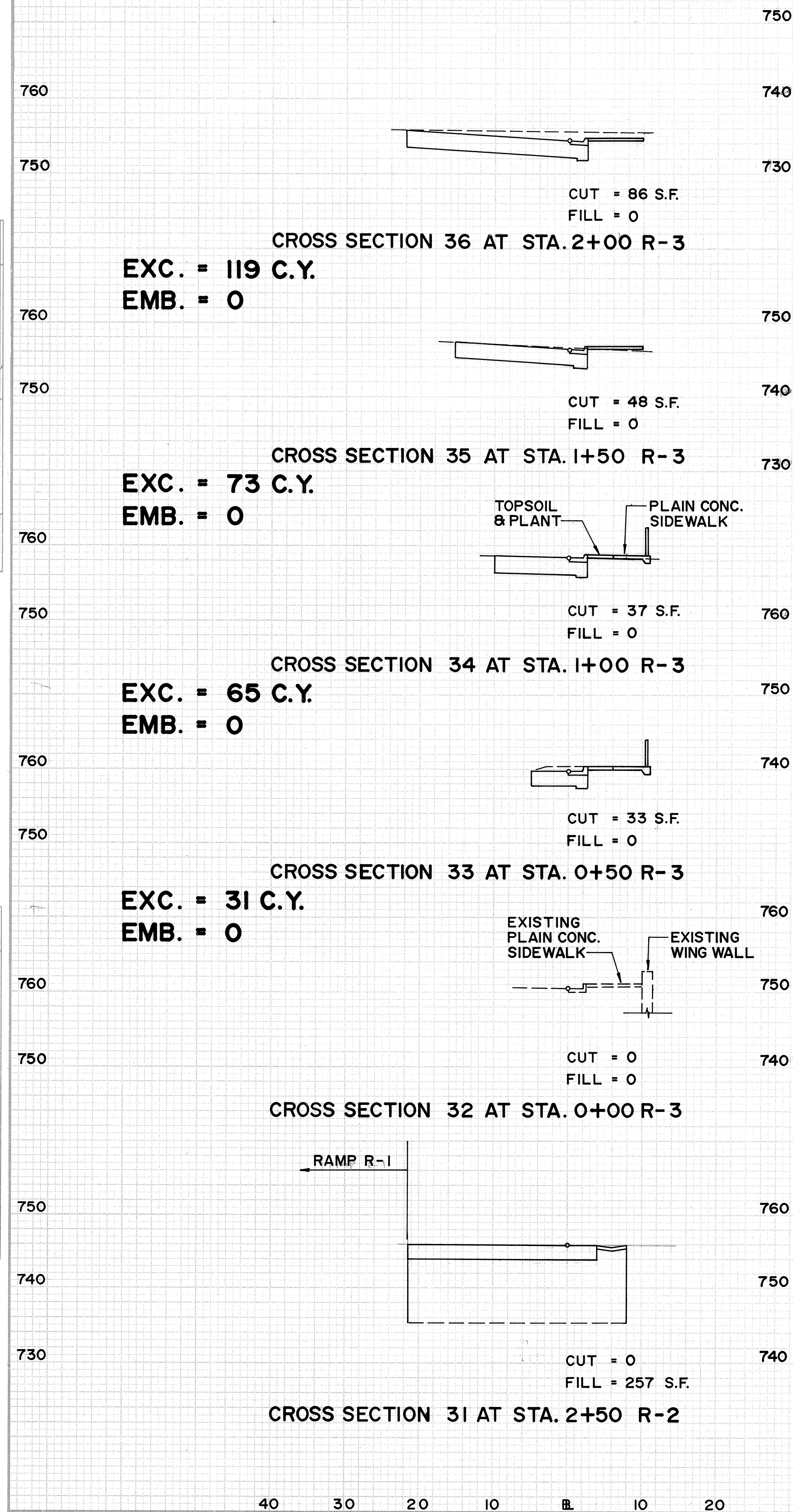
"AS BUILT"

SHEET NO. X5 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H2-1(29)	1997	124	129

DATE	BY	FINAL SURVEY	PLOTTED	TEMPLATE	NO.	AREAS CHECKED

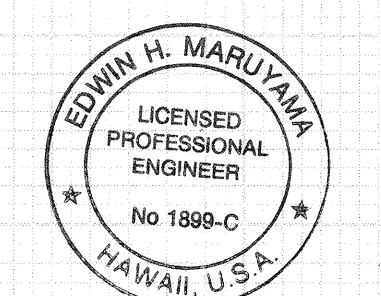
DATE	BY	ORIGINAL SURVEY	PLOTTED	TEMPLATE	NO.	AREAS CHECKED



SCALE:
 HORIZ. 1" = 10'
 VERT. 1" = 10'

"AS BUILT"

SHEET NO. X6 OF 11 SHEETS

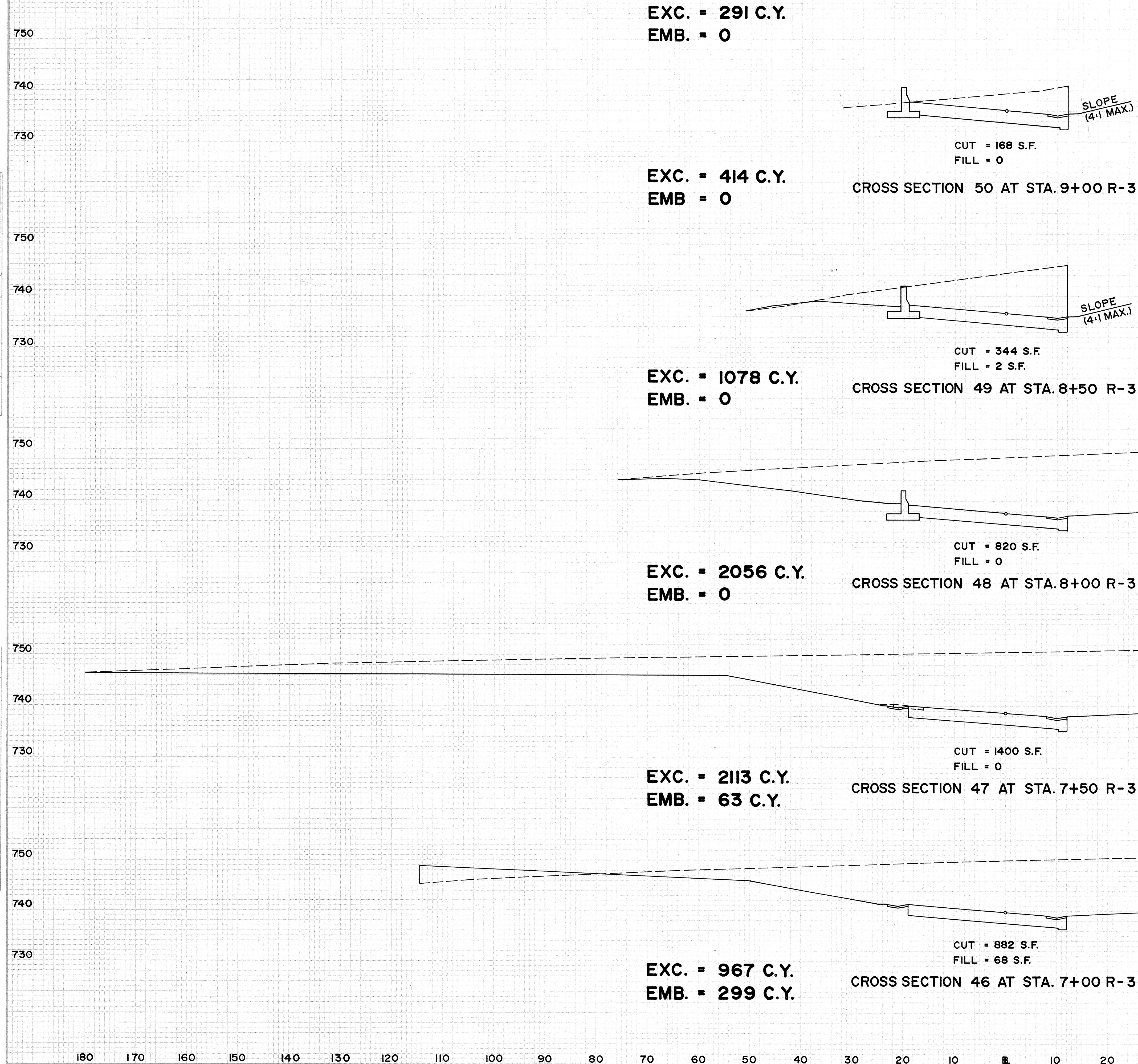


THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
 By: *Edwin H. Maruyama*
 EDWIN H. MARUYAMA
 LICENSED PROFESSIONAL ENGINEER
 No. 1889-C
 HAWAII, U.S.A.

DATE	BY	FINAL SURVEY	SURVEYED	PLOTTED	TEMPLATE	NO.	AREAS CHECKED

DATE	BY	ORIGINAL SURVEY	SURVEYED	PLOTTED	TEMPLATE	NO.	AREAS CHECKED

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H2-1(29)	1997	125	129



EXC. = 291 C.Y.
 EMB. = 0

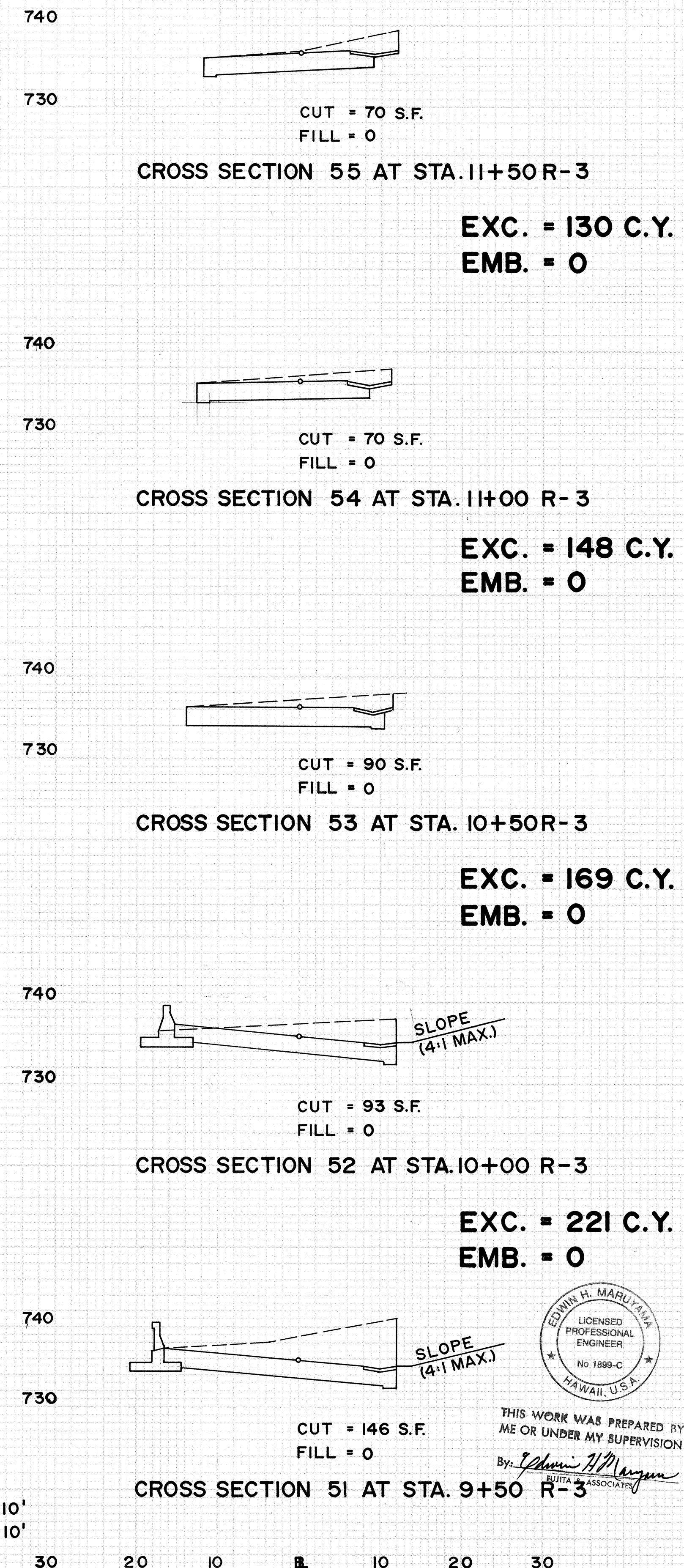
EXC. = 414 C.Y.
 EMB. = 0

EXC. = 1078 C.Y.
 EMB. = 0

EXC. = 2056 C.Y.
 EMB. = 0

EXC. = 2113 C.Y.
 EMB. = 63 C.Y.

EXC. = 967 C.Y.
 EMB. = 299 C.Y.



EXC. = 130 C.Y.
 EMB. = 0

EXC. = 148 C.Y.
 EMB. = 0

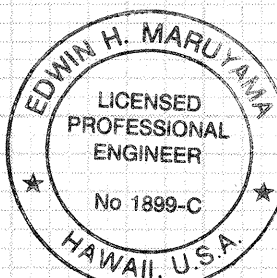
EXC. = 169 C.Y.
 EMB. = 0

EXC. = 221 C.Y.
 EMB. = 0

SCALE:
 HORIZ. 1" = 10'
 VERT. 1" = 10'

"AS BUILT"

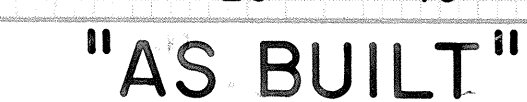
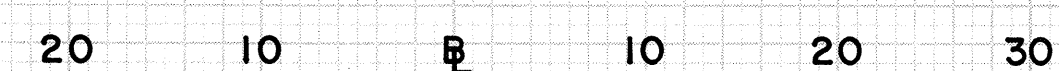
SHEET NO. X7 OF 11 SHEETS



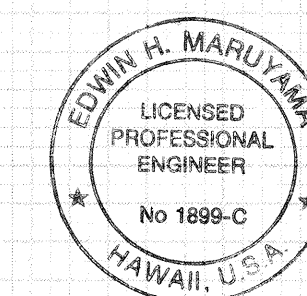
THIS WORK WAS PREPARED BY
 ME OR UNDER MY SUPERVISION
 By: *Edwin H. Maru-Lama*
 EDWIN H. MARU-LAMA
 ASSOCIATES

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
NO	AREAS CHECKED		

ORIGINAL SURVEY		BY		DATE	
	SURVEYED				
	PLOTTED				
	TEMPLATE				
	AREAS				
	AREAS CHECKED				
NO					



SHEET NO. X8 OF 11 SHEETS



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION
By: Edwin H. Morgan
FUJITA & ASSOCIATES

EXC. = 2388 C.Y.
EMB. = 460 C.Y.

CUT = 1334 S.F.
FILL = 75 S.F.

CROSS SECTION C-C

EXC. = 2128 C.Y.
EMB. = 69 C.Y.

CUT = 964 S.F.
FILL = 0

CROSS SECTION B-B

EXC. = 1176 C.Y.
EMB. = 0

CUT = 306 S.F.
FILL = 0

CROSS SECTION A-A

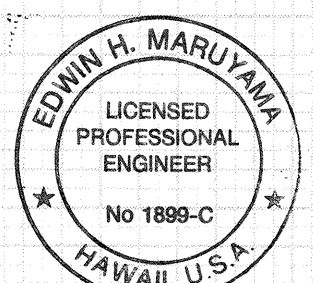
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H2-1(29)	1997	128	129

BREAK LINE
AT 150 FT.

BREAK LINE
AT 150 FT.

BREAK LINE
AT 150 FT.

BREAK LINE
AT 150 FT.



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

By: *Edwin H. Maruyama*
Fujita & Associates

SCALE:
HORIZ. 1" = 10'
VERT. 1" = 10'

"AS BUILT"

SHEET NO. X10 OF 11 SHEETS

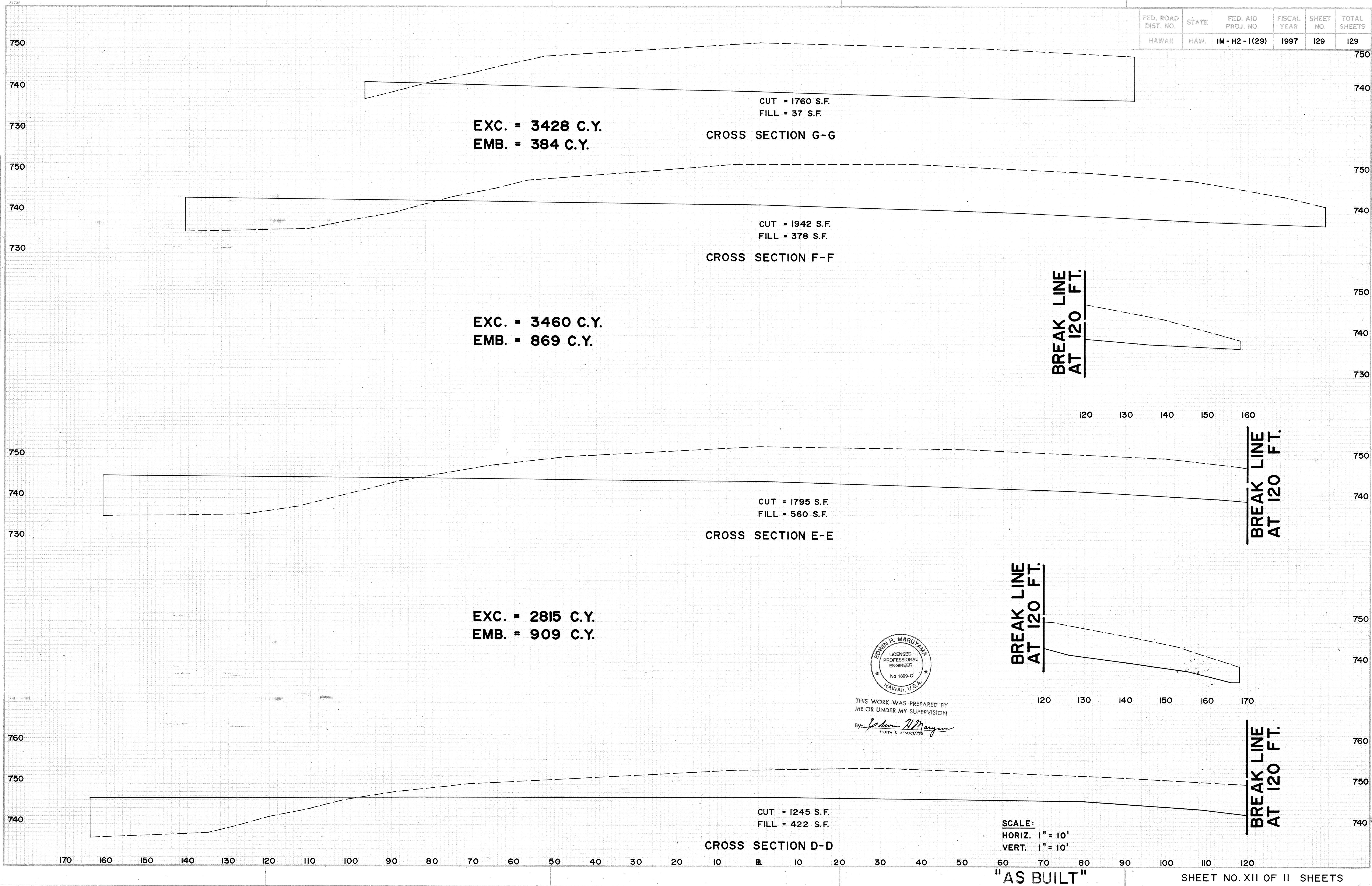
FINAL SURVEY NO.	SURVEYED BY	DATE

ORIGINAL SURVEY NO.	SURVEYED BY	DATE

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM - H2 - 1(29)	1997	129	129

FINAL SURVEY	SURVEYED PLOTTED	DATE
NO	NO	
NOTE BOOK	TEMPLATE	
NO	NO	
AREAS CHECKED		
NO	NO	

ORIGINAL SURVEY	SURVEYED PLOTTED	DATE
NO	NO	
NOTE BOOK	TEMPLATE	
NO	NO	
AREAS CHECKED		
NO	NO	



"AS BUILT"