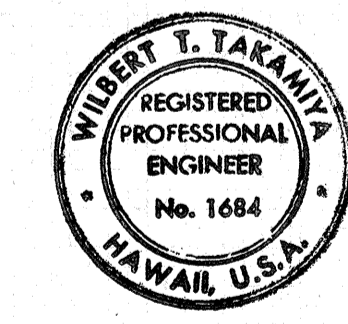
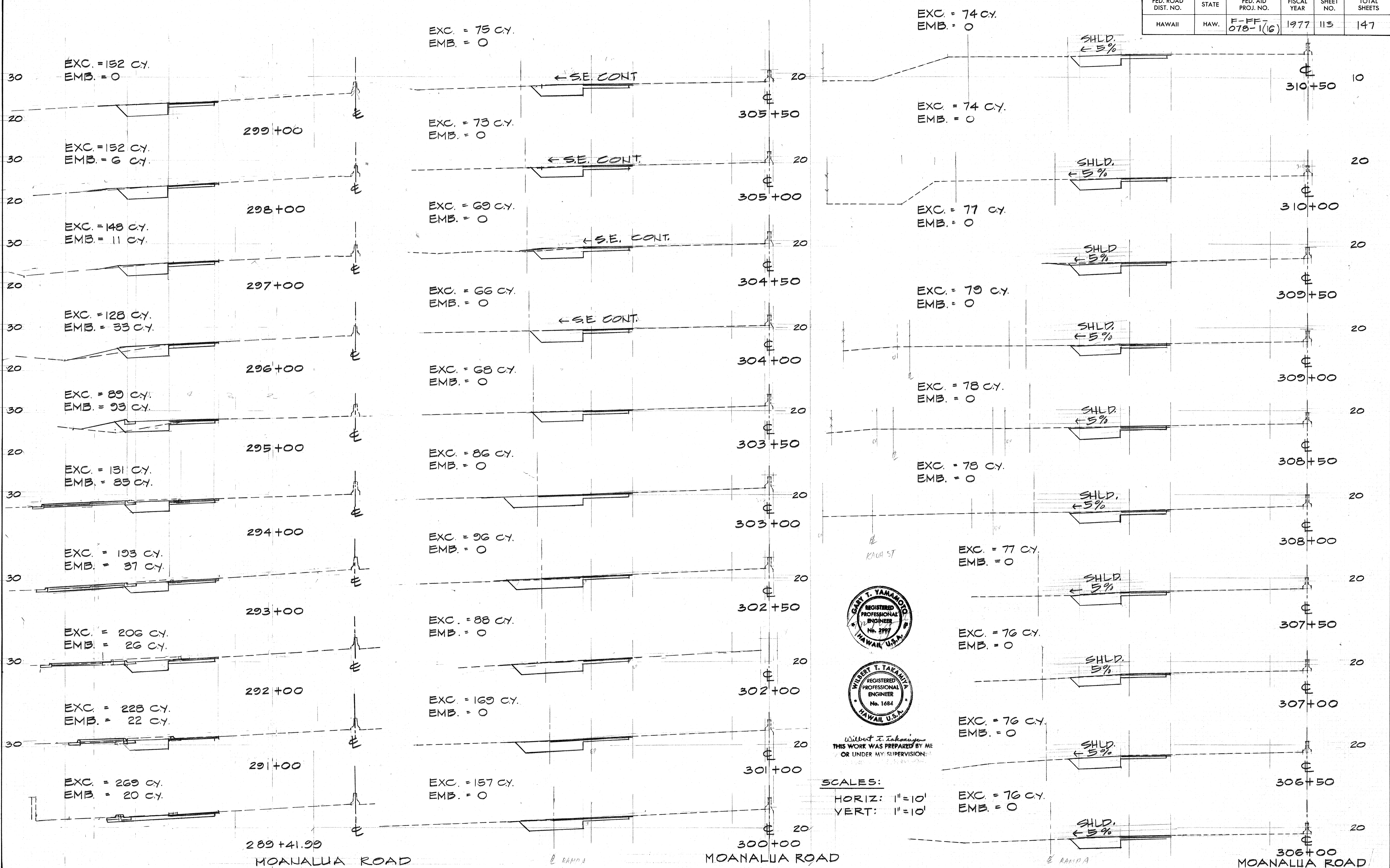


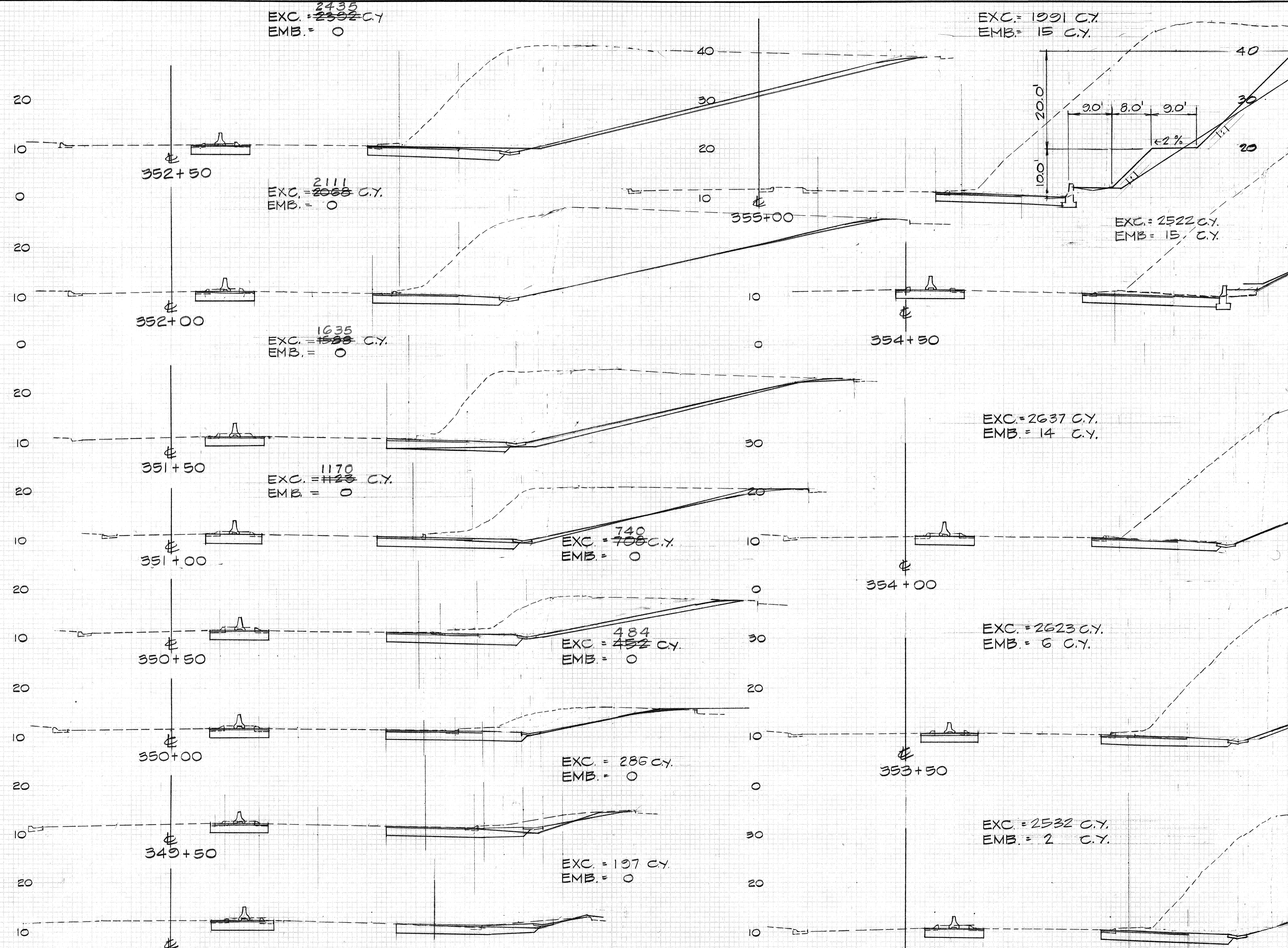
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-FF-078-1(16)	1977	113	147



Wilbert T. Takamizawa
THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION:

SCALES:
HORIZ: 1"=10'
VERT: 1"=10'

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-FF-078-1(16)	1977	114	147



ORIGINAL SURVEYED BY DATE
 SURVEY PLOTTED BY
 ROUTE BOOK NO. DATE
 AREAS CHECKED BY

ORIGINAL SURVEYED BY DATE
 SURVEY PLOTTED BY
 ROUTE BOOK NO. DATE
 AREAS CHECKED BY

349+00
MOANALUIA ROAD

353+00
MOANALUIA ROAD

DATE	REVISION
11/21/77	REVISED CUT SLOPE, & DELETED RETAINING WALL

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



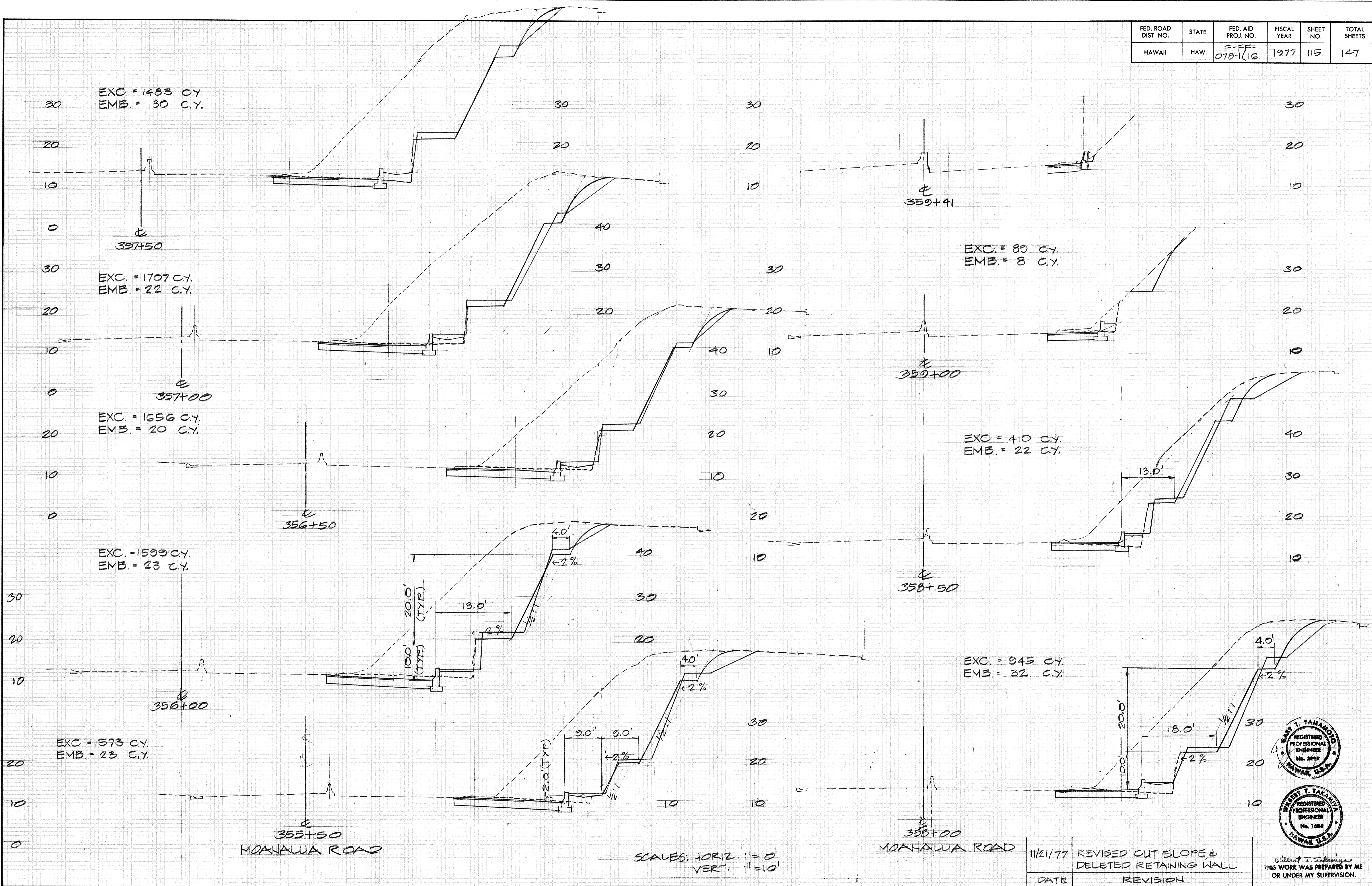
WILBERT T. YAMAMOTO
 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

C.O. 114

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-FF-078-1(16)	1977	115	147

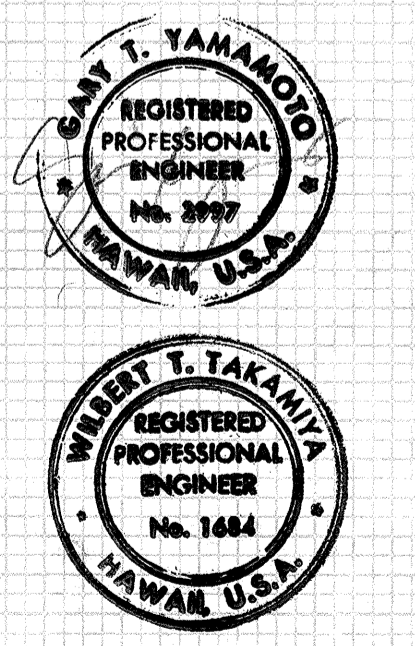
DATE: _____
 BY: _____
 ORIGINAL SURVEYED, SURVEYED, PLOTTED, NOTE BOOK, TEMPLATE, AREAS CHECKED, NO.

DATE: _____
 BY: _____
 ORIGINAL SURVEYED, SURVEYED, PLOTTED, NOTE BOOK, TEMPLATE, AREAS CHECKED, NO.



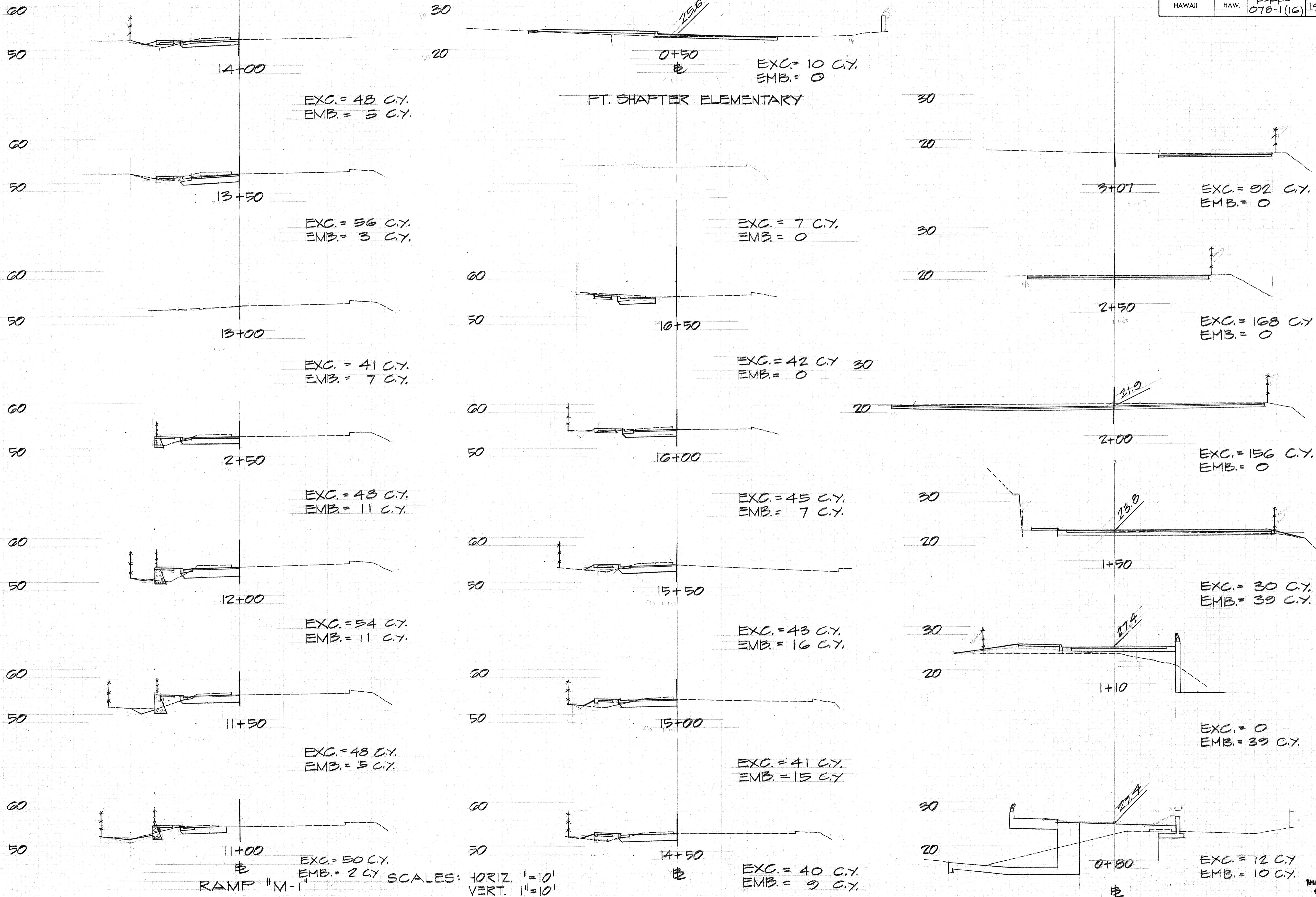
SCALES: HORIZ. 1"=10'
 VERT. 1"=10'

DATE	REVISION
11/21/77	REVISED CUT SLOPE, & DELETED RETAINING WALL

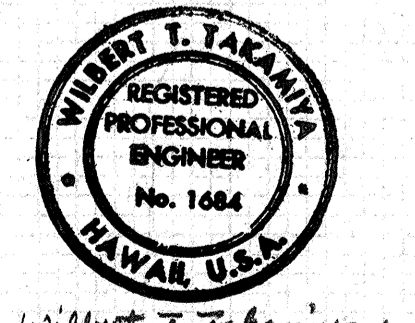


THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-FF-07B-1(16)	1977	116	147

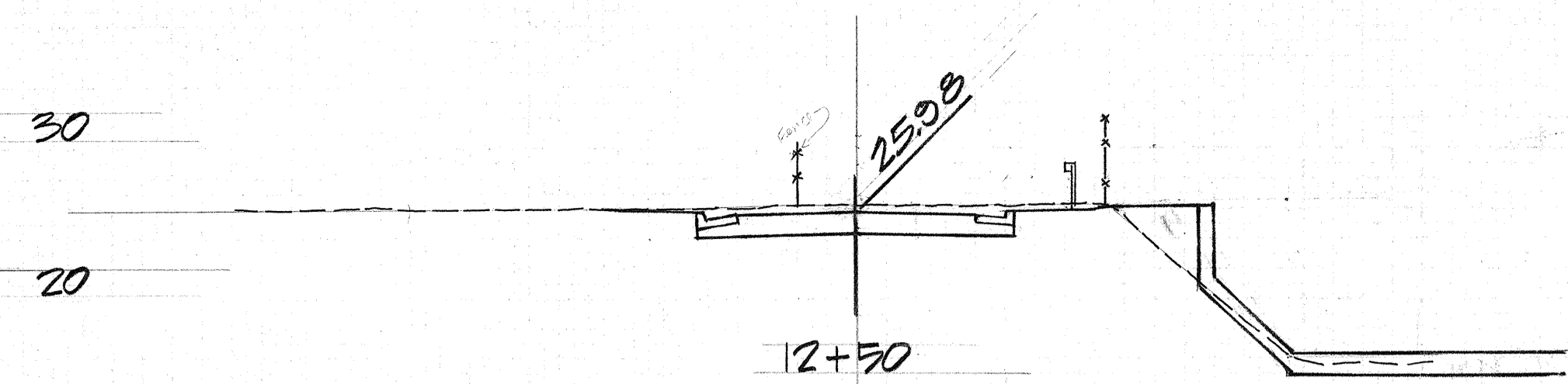


SCALES: HORIZ. 1" = 10'
VERT. 1" = 10'

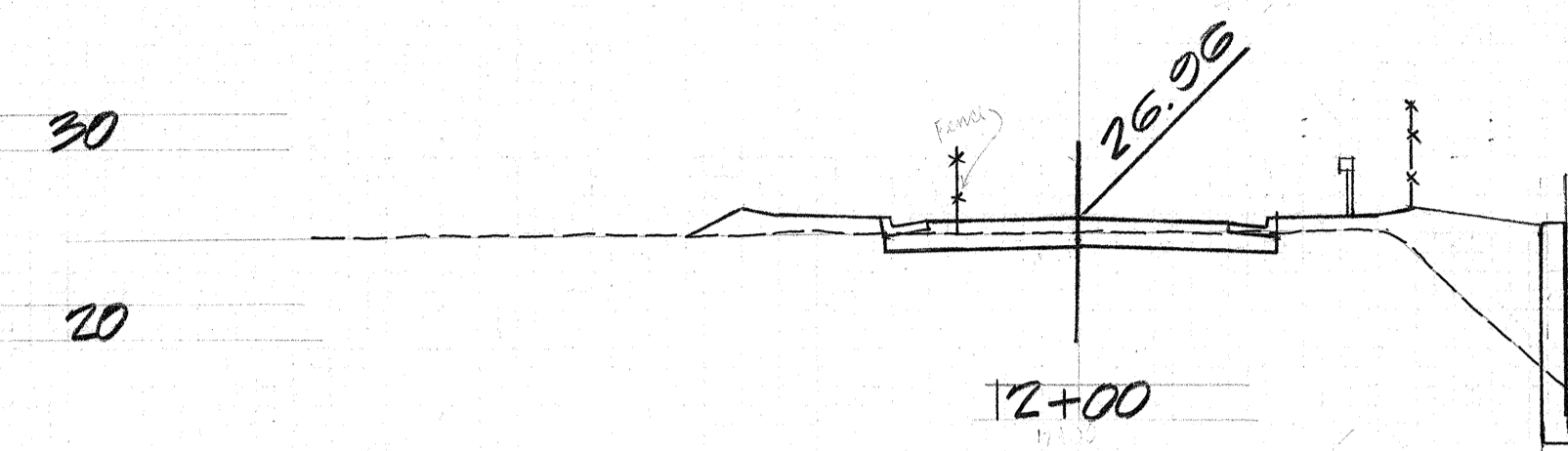


THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION:

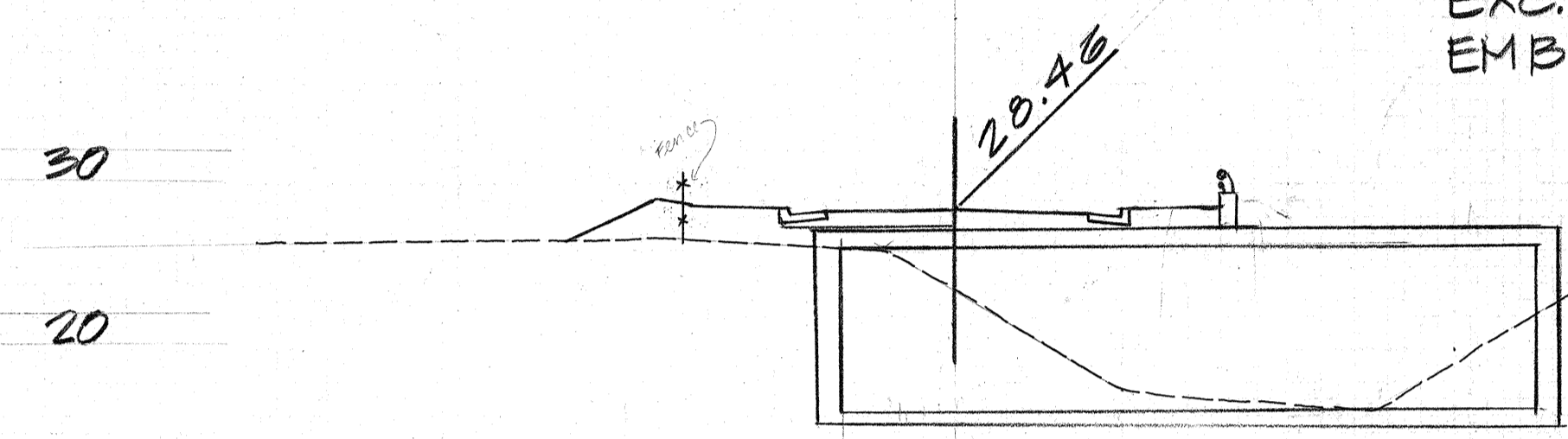
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-FF-078-1(16)	1977	117	147



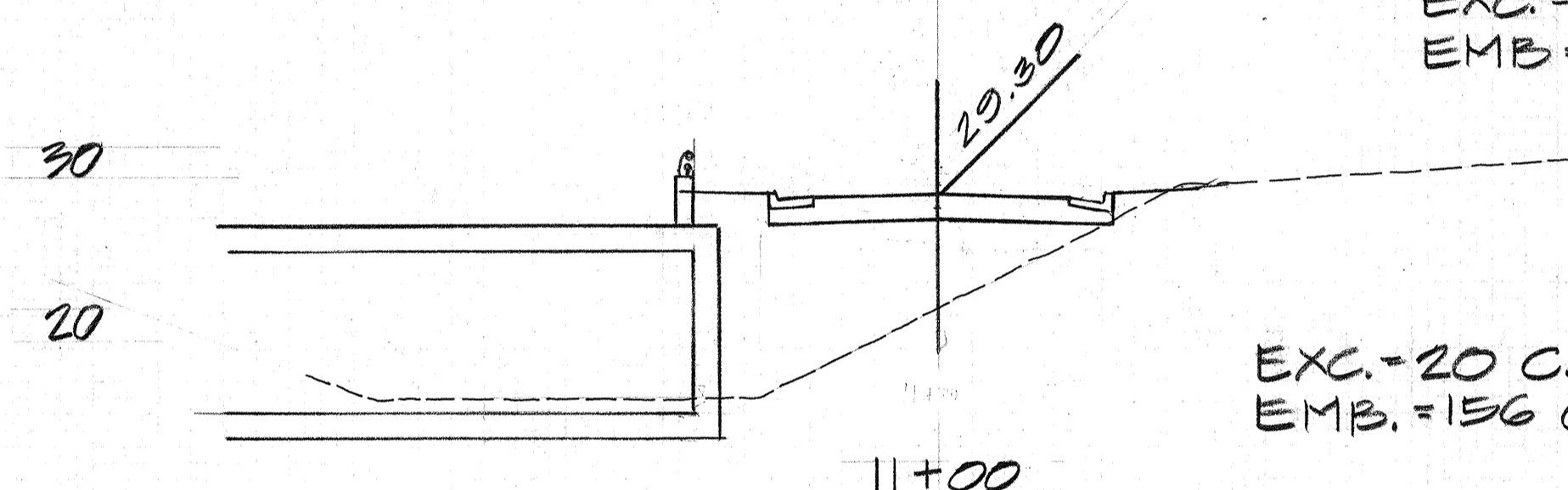
EXC. = 44 C.Y.
EMB. = 49 C.Y.



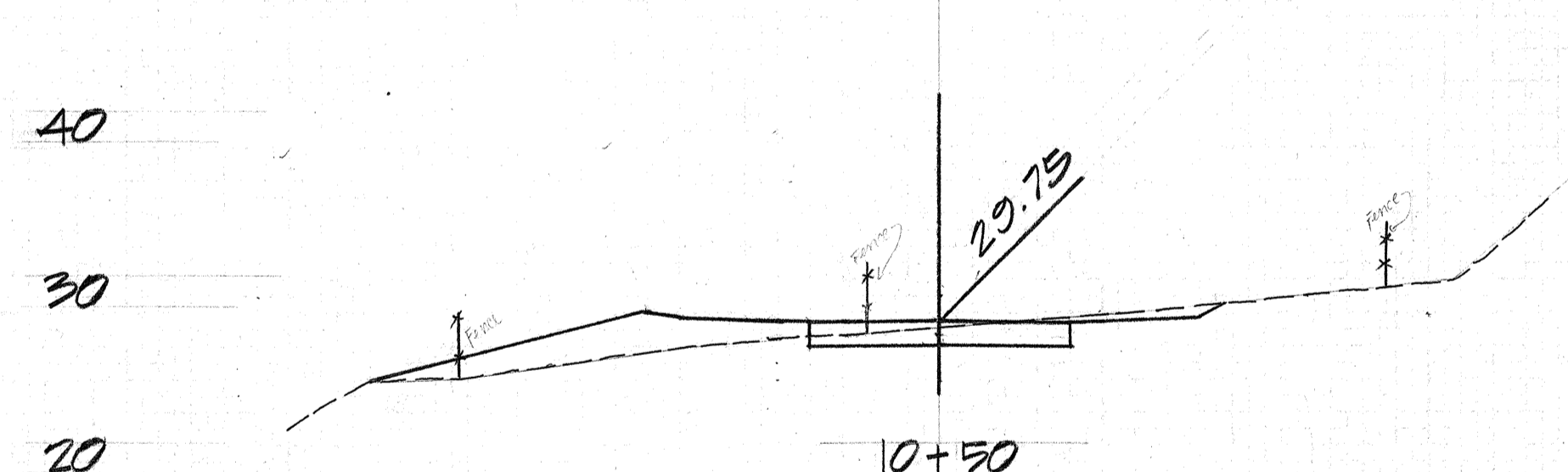
EXC. = 9 C.Y.
EMB. = 70 C.Y.



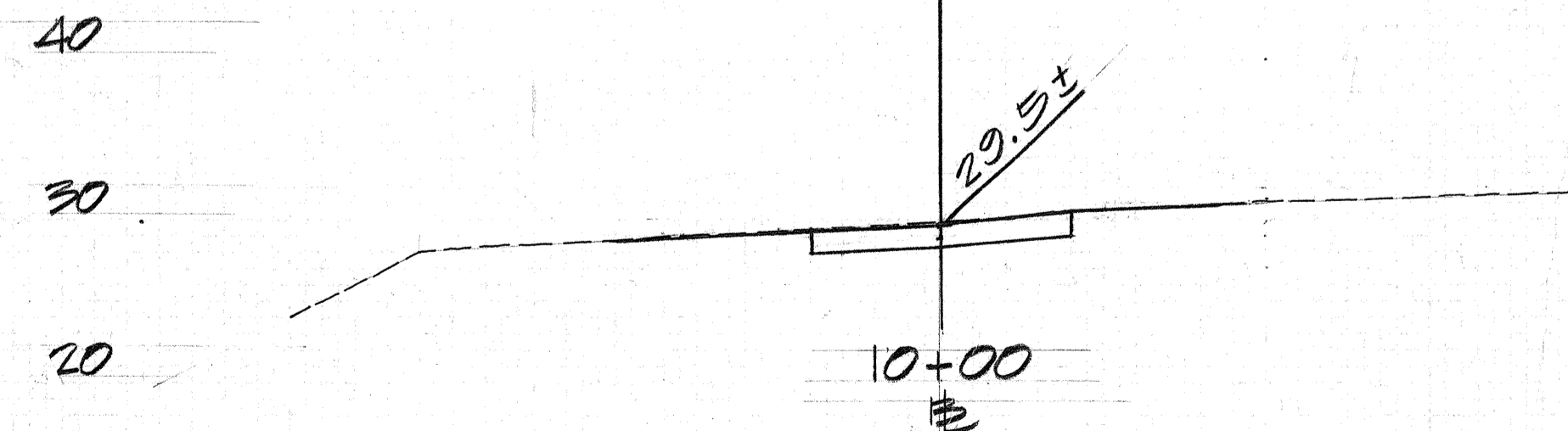
EXC. = 0
EMB. = 167 C.Y.



EXC. = 20 C.Y.
EMB. = 156 C.Y.



EXC. = 41 C.Y.
EMB. = 20 C.Y.

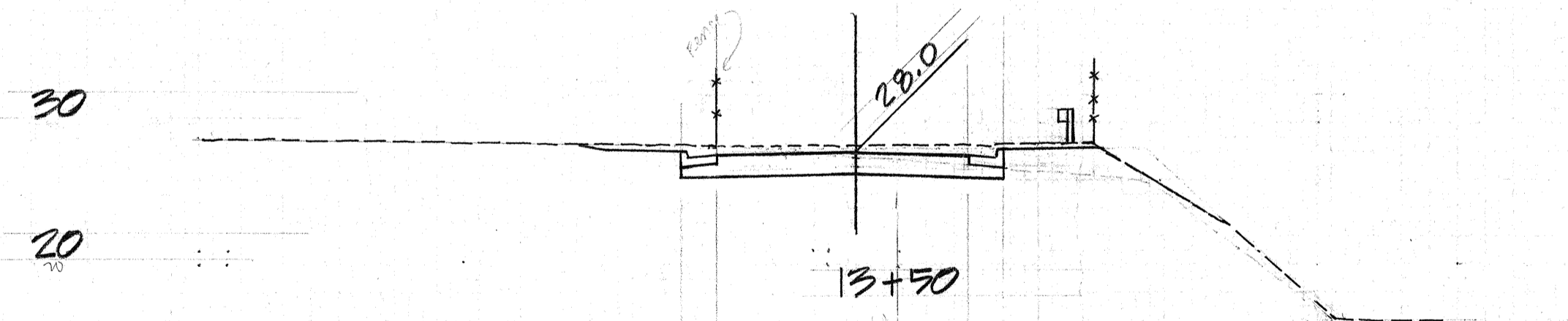


PINEAPPLE LANE

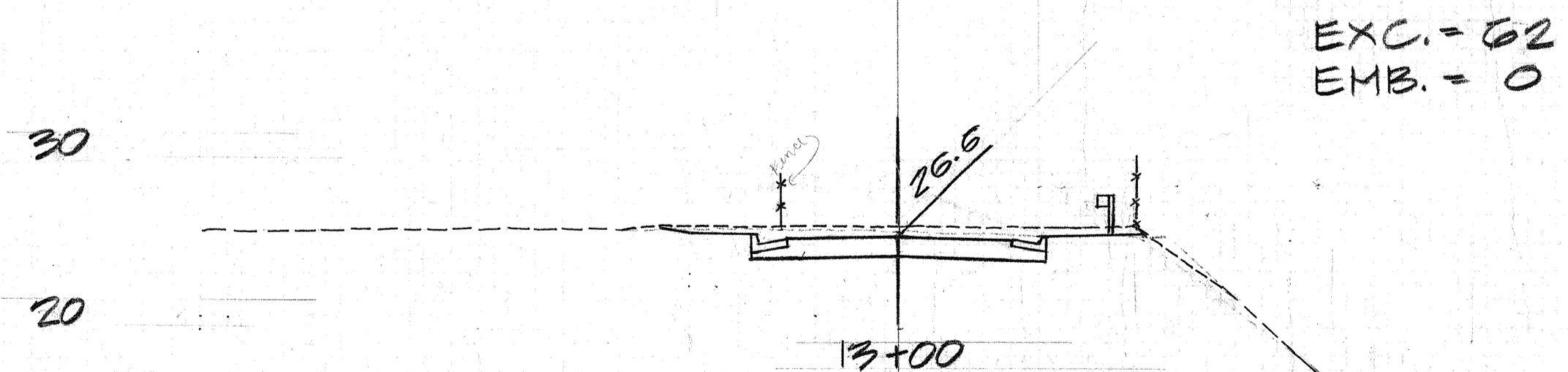


13+94
MAHOLE STREET
(SKEWED)

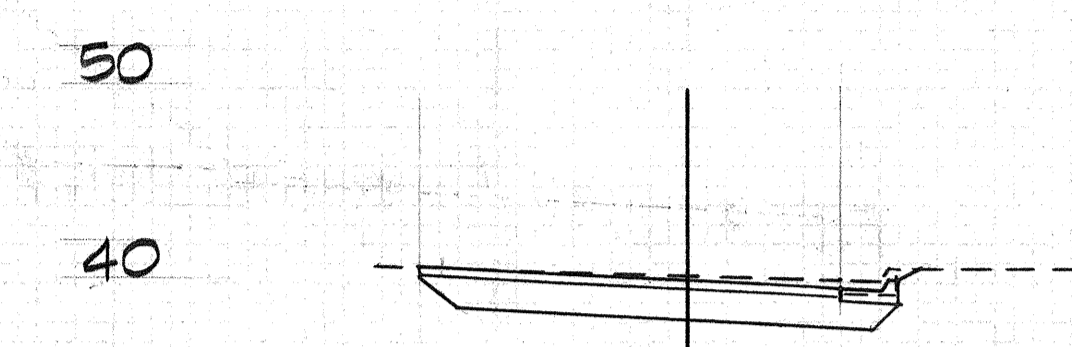
EXC. = 103 C.Y.
EMB. = 0



EXC. = 62 C.Y.
EMB. = 0

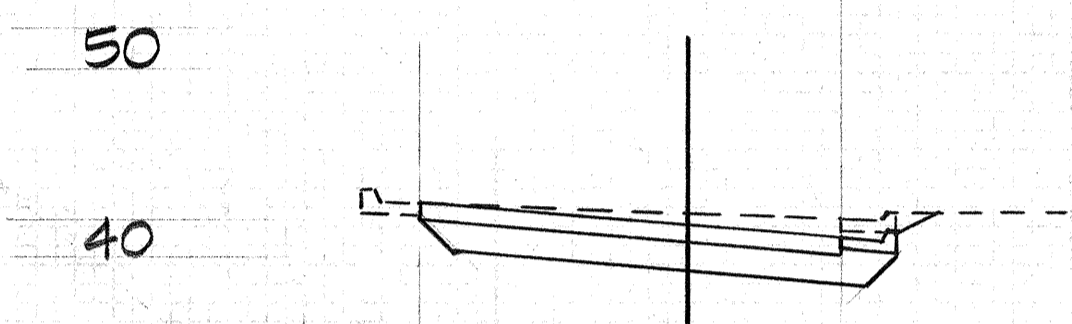


EXC. = 62 C.Y.
EMB. = 9 C.Y.



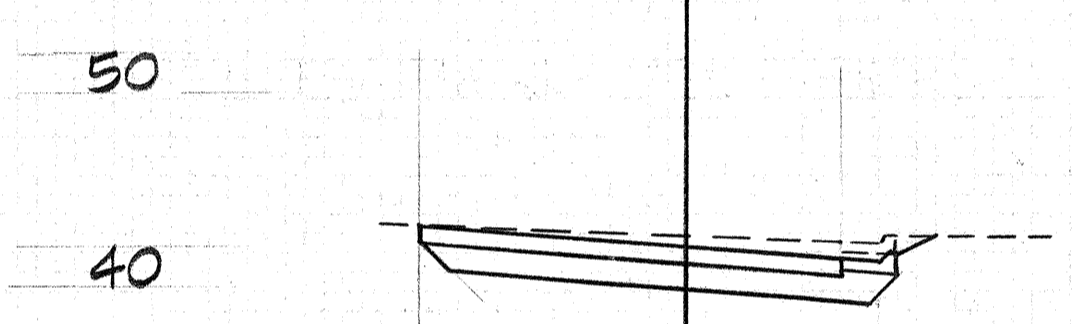
10+60

EXC. = 41 C.Y.
EMB. = 0



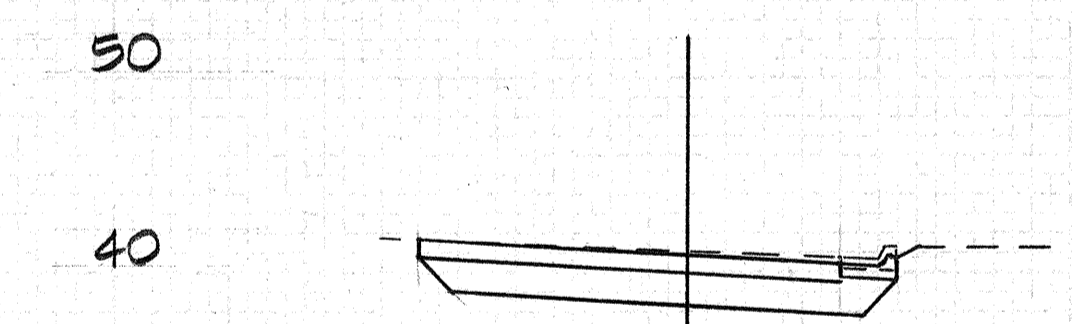
10+00

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



9+40

EXC. = 159 C.Y.
EMB. = 0



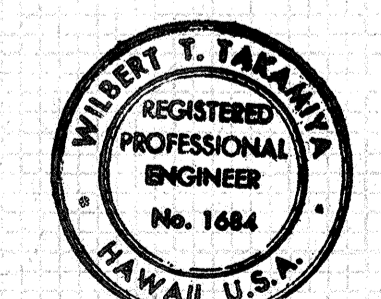
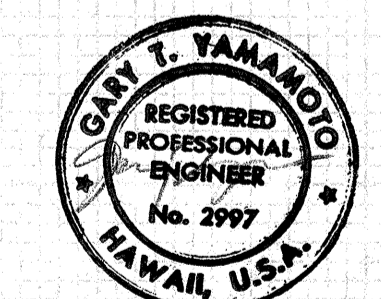
8+80

EXC. = 53 C.Y.
EMB. = 0

RAMP "F"

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

DATE	REVISION
3/17/78	REVISED PINEAPPLE ROAD CROSS SECTIONS



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C.O. 117