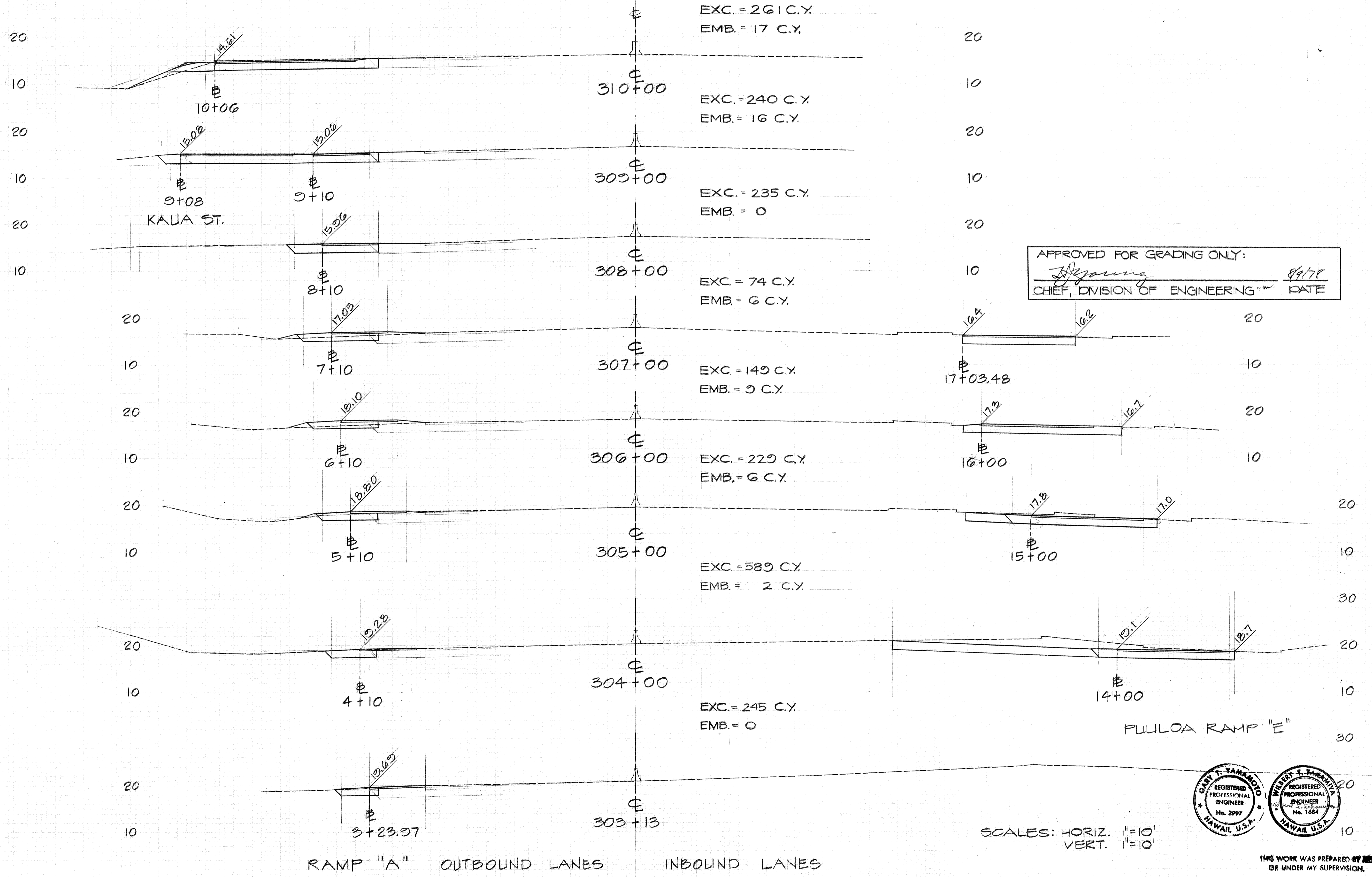
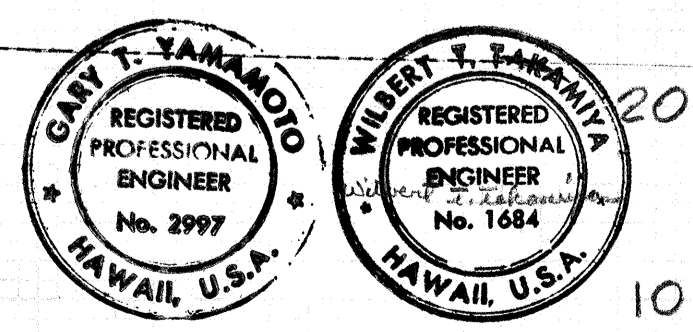


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	10-F-078-1(18)	1978	257	266



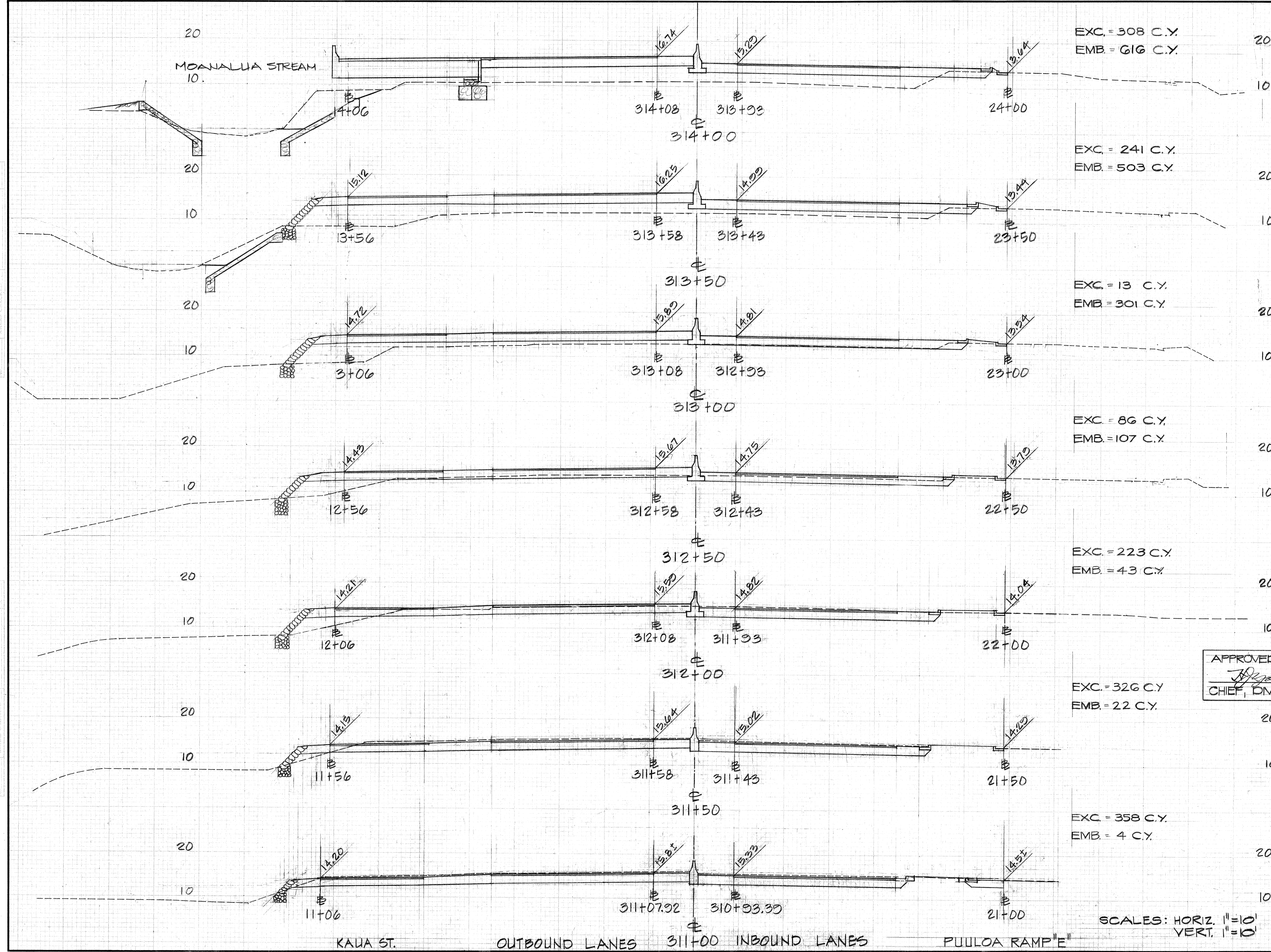
APPROVED FOR GRADING ONLY:
[Signature] 8/1/78
 CHIEF, DIVISION OF ENGINEERING DATE



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

THIS WORK WAS PREPARED BY OR UNDER MY SUPERVISION.

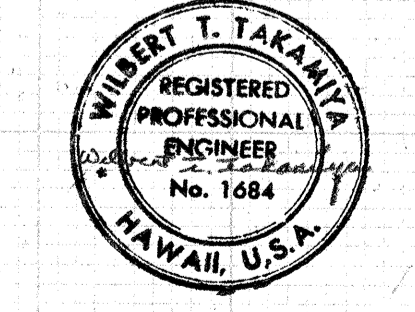
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	TQ-F-018-1(18)	1978	258	266



ORIGINAL SURVEY PLOTTED, RECALCULATED, AND RECHECKED.
 DATE: _____
 BY: _____
 CHECKED: _____
 APPROVED: _____

ORIGINAL SURVEY PLOTTED, RECALCULATED, AND RECHECKED.
 DATE: _____
 BY: _____
 CHECKED: _____
 APPROVED: _____

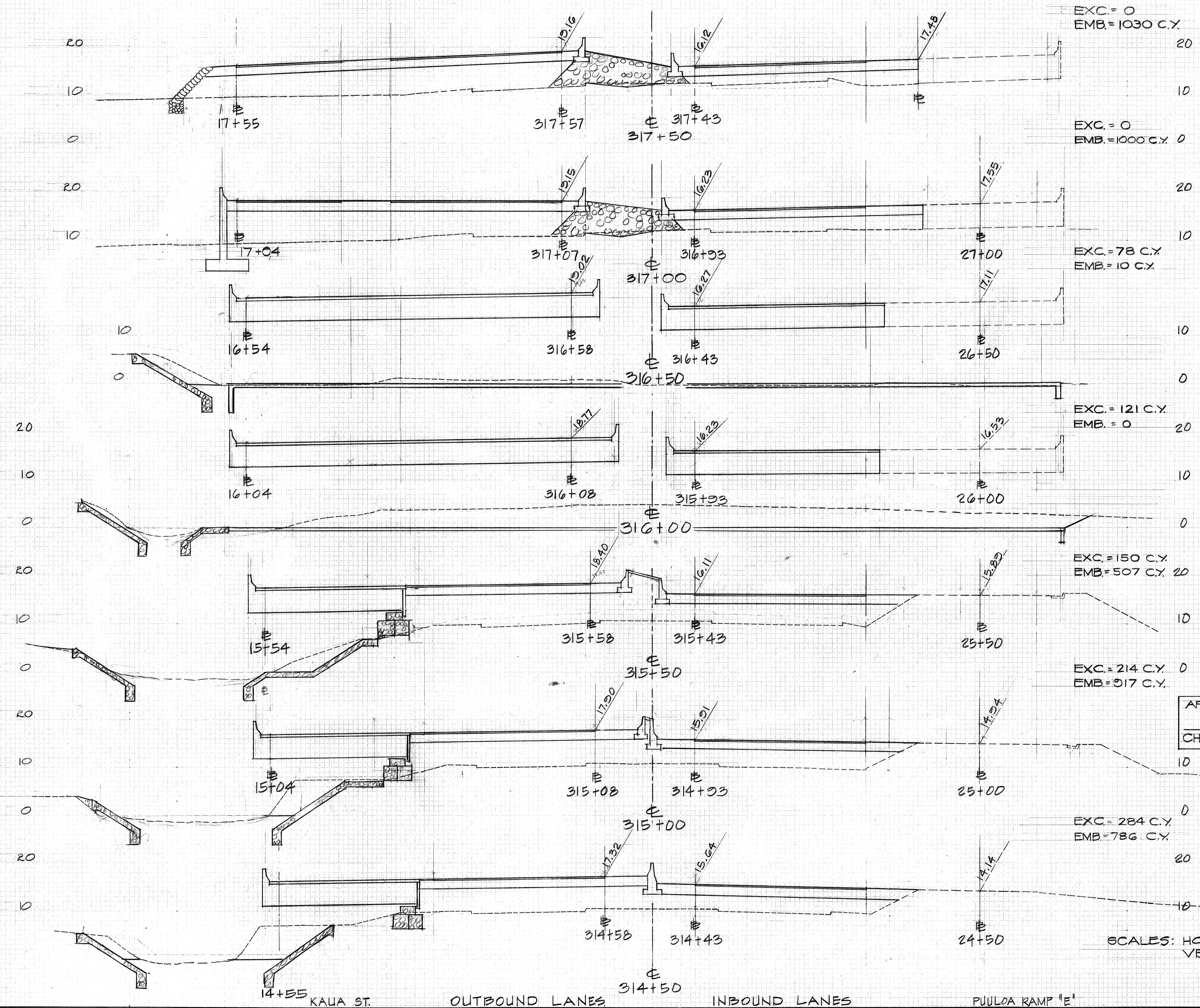
APPROVED FOR GRADING ONLY:
[Signature]
 CHIEF, DIVISION OF ENGINEERING DATE: 8/1/78



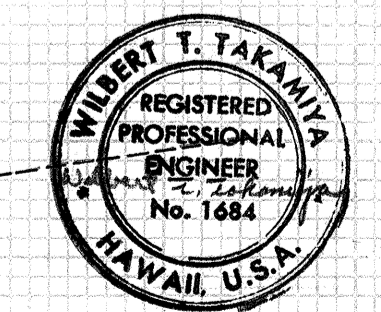
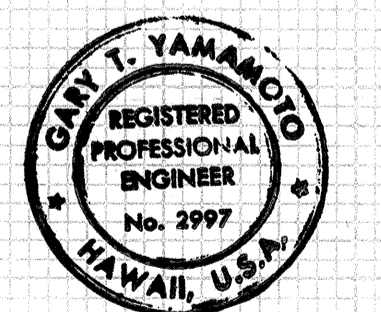
SCALES: HORIZ. 1"=10'
 VERT. 1"=10'

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.	TQ-F-078-108	1978	250	266



APPROVED FOR GRADING ONLY:
[Signature] 8/9/78
 CHIEF, DIVISION OF ENGINEERING DATE



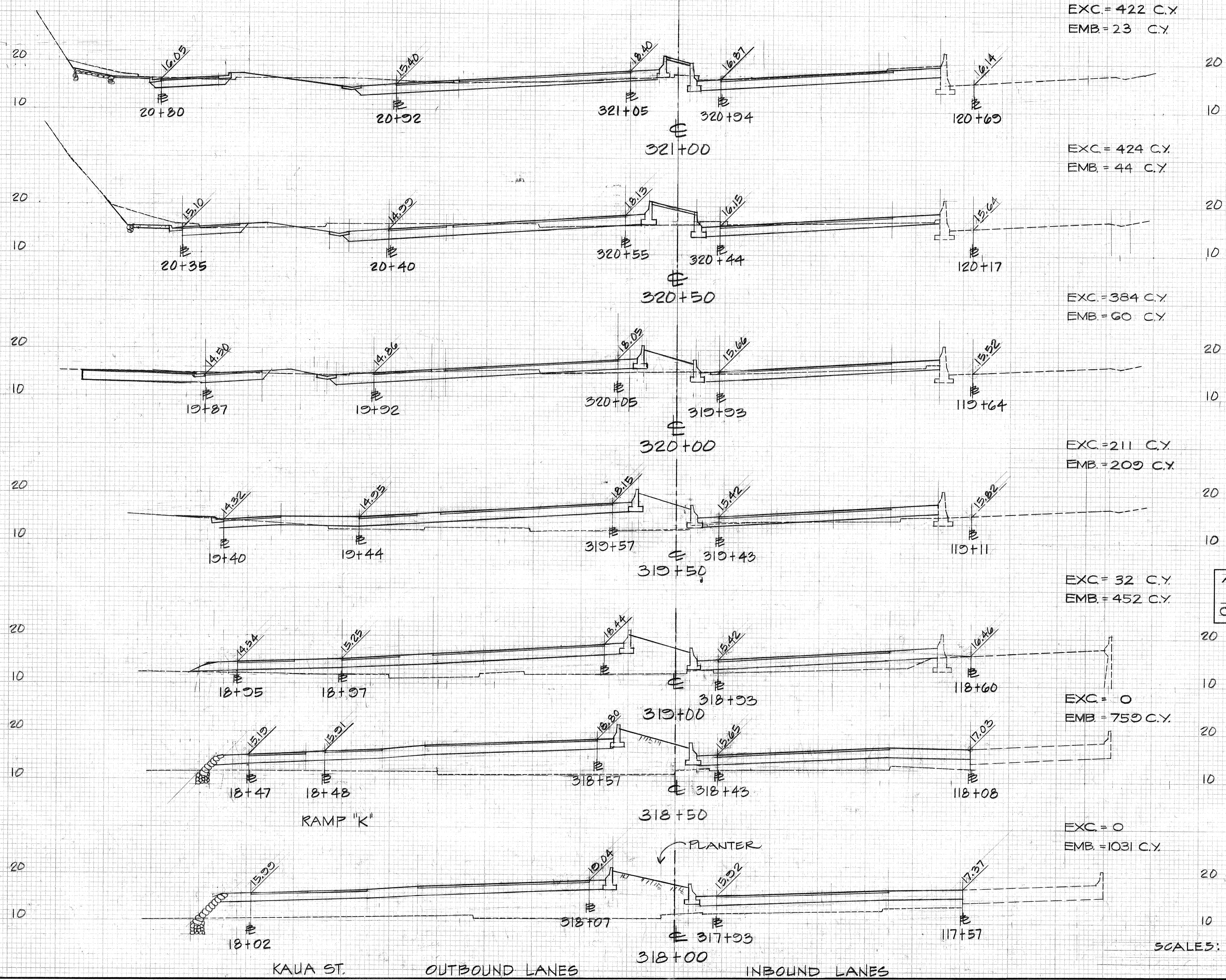
SCALES: HORIZ. 1" = 10'
 VERT. 1" = 10'

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

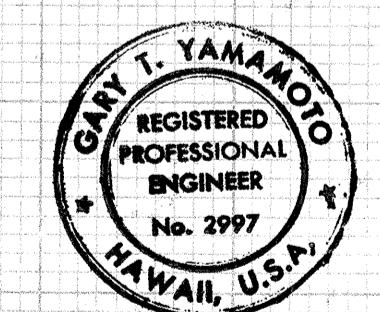
BY: _____ DATE: _____
 SURVEYED: _____
 PLOTTED: _____
 CHECKED: _____
 REVISIONS: _____
 NO. _____

BY: _____ DATE: _____
 SURVEYED: _____
 PLOTTED: _____
 CHECKED: _____
 REVISIONS: _____
 NO. _____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	TG-F018-110	1978	260	266



APPROVED FOR GRADING ONLY:
[Signature]
 CHIEF, DIVISION OF ENGINEERING DATE: 8/9/78



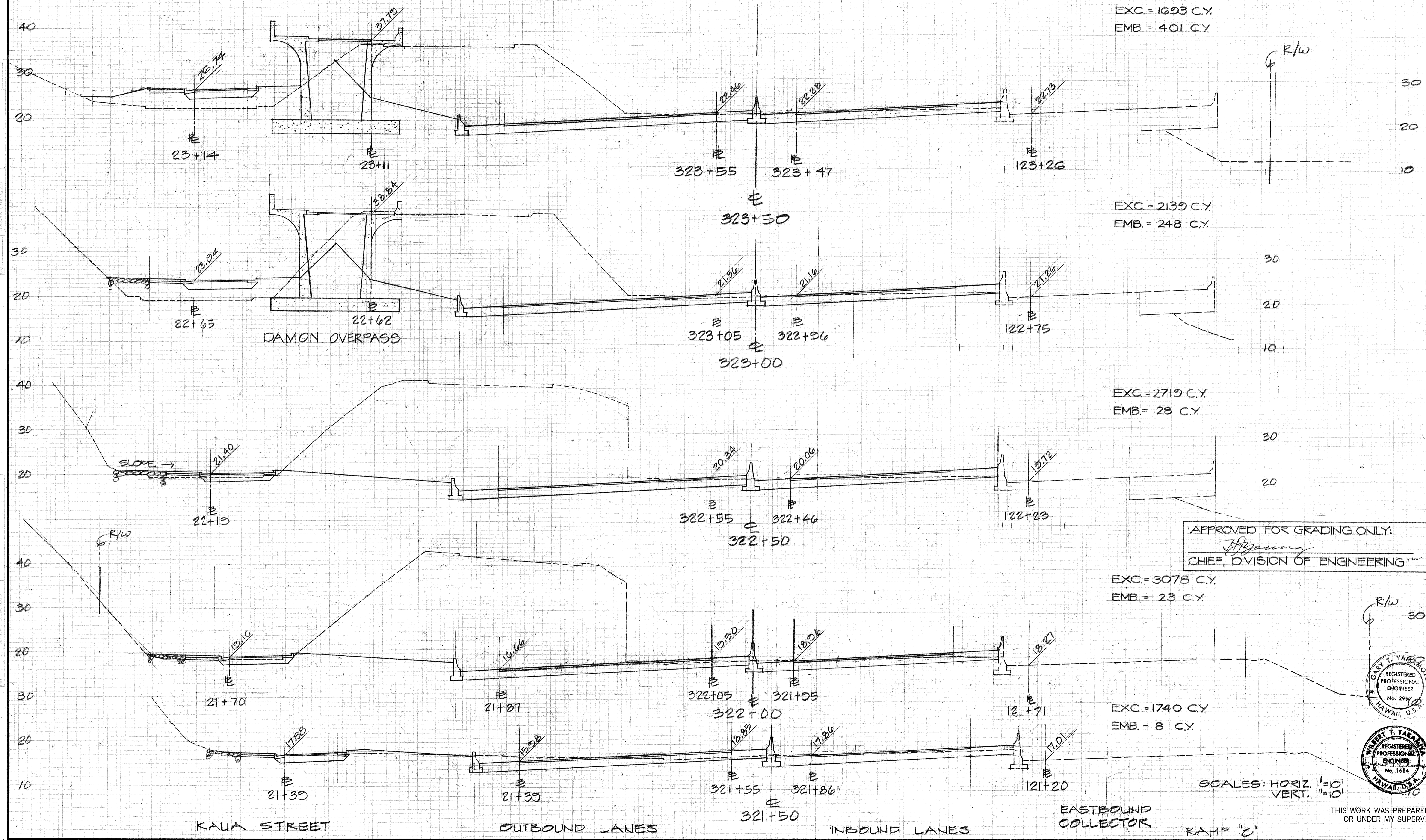
SCALE: HORIZ. 1"=10'
 VERT. 1"=10'

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

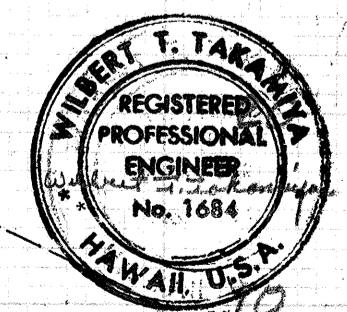
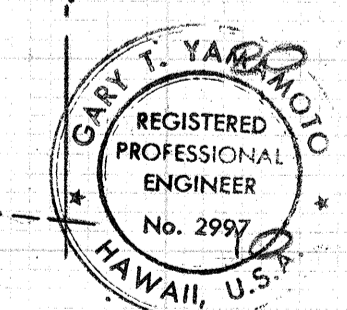
DATE: _____
 BY: _____
 SURVEYED: _____
 PLOTTED: _____
 NOTE BOOK: _____
 TEMPLATE: _____
 AREAS CHECKED: _____

DATE: _____
 BY: _____
 SURVEYED: _____
 PLOTTED: _____
 NOTE BOOK: _____
 TEMPLATE: _____
 AREAS CHECKED: _____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	10-F018-1(18)	1978	261	266



APPROVED FOR GRADING ONLY:
[Signature]
 CHIEF, DIVISION OF ENGINEERING DATE 8/1/78



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.	TG-F-018-108	1975	262	266

APPROVED FOR GRADING ONLY:
J. Young
 CHIEF, DIVISION OF ENGINEERING DATE 8/17/78

EXC. = 1041 C.Y.
 EMB. = 238 C.Y.

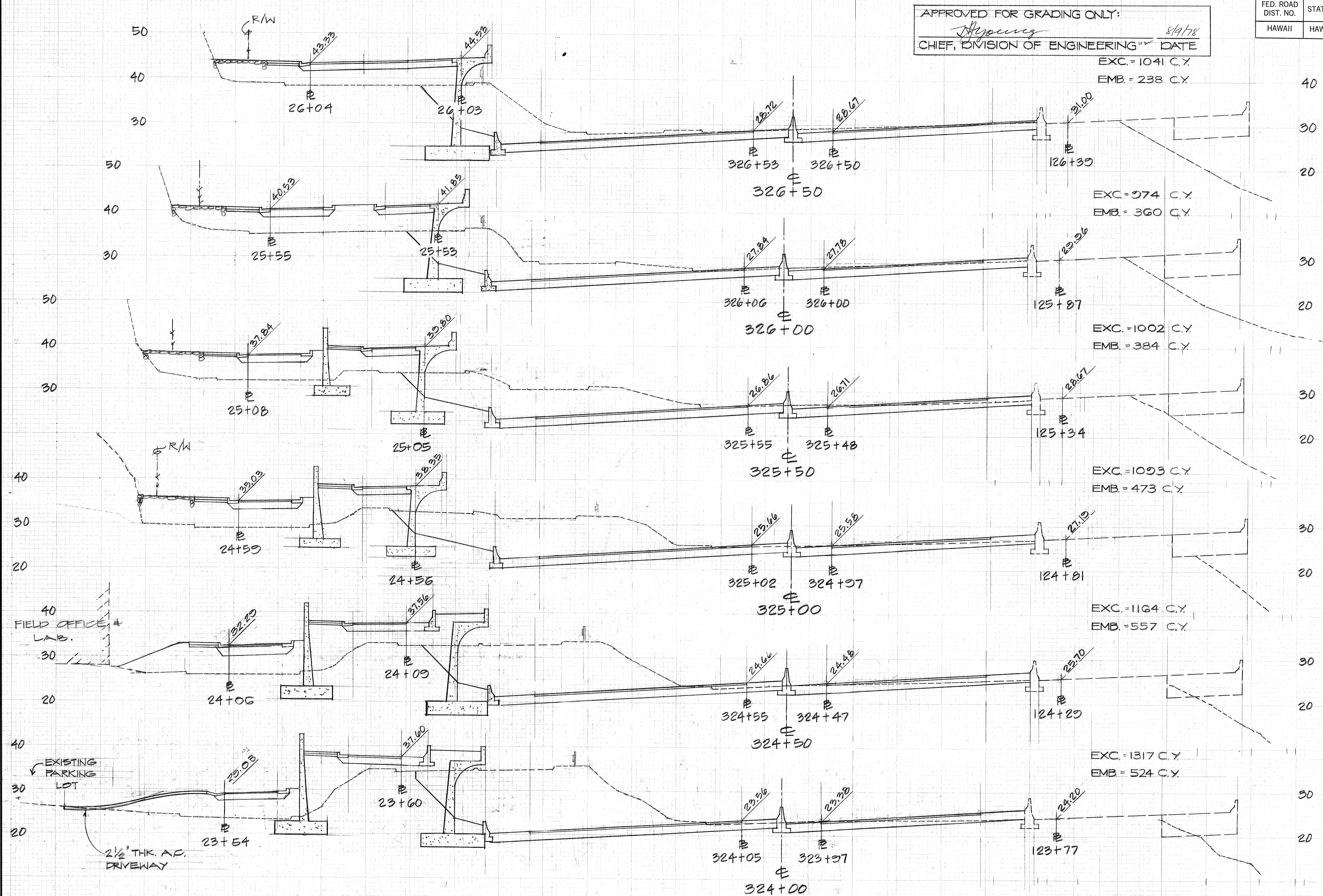
EXC. = 974 C.Y.
 EMB. = 360 C.Y.

EXC. = 1002 C.Y.
 EMB. = 384 C.Y.

EXC. = 1093 C.Y.
 EMB. = 473 C.Y.

EXC. = 1164 C.Y.
 EMB. = 557 C.Y.

EXC. = 1317 C.Y.
 EMB. = 524 C.Y.

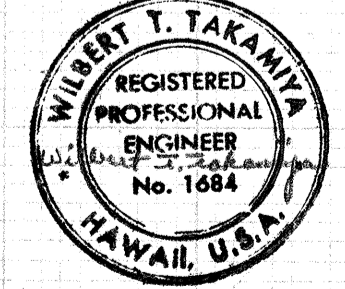
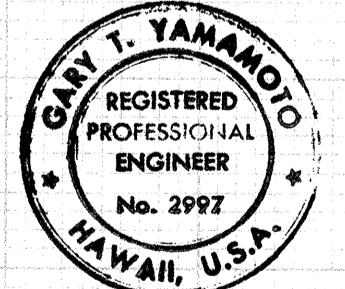


FINAL SURVEY SHEET
 SURVEYED BY: _____
 PLOTTED BY: _____
 CHECKED BY: _____
 DATE: _____

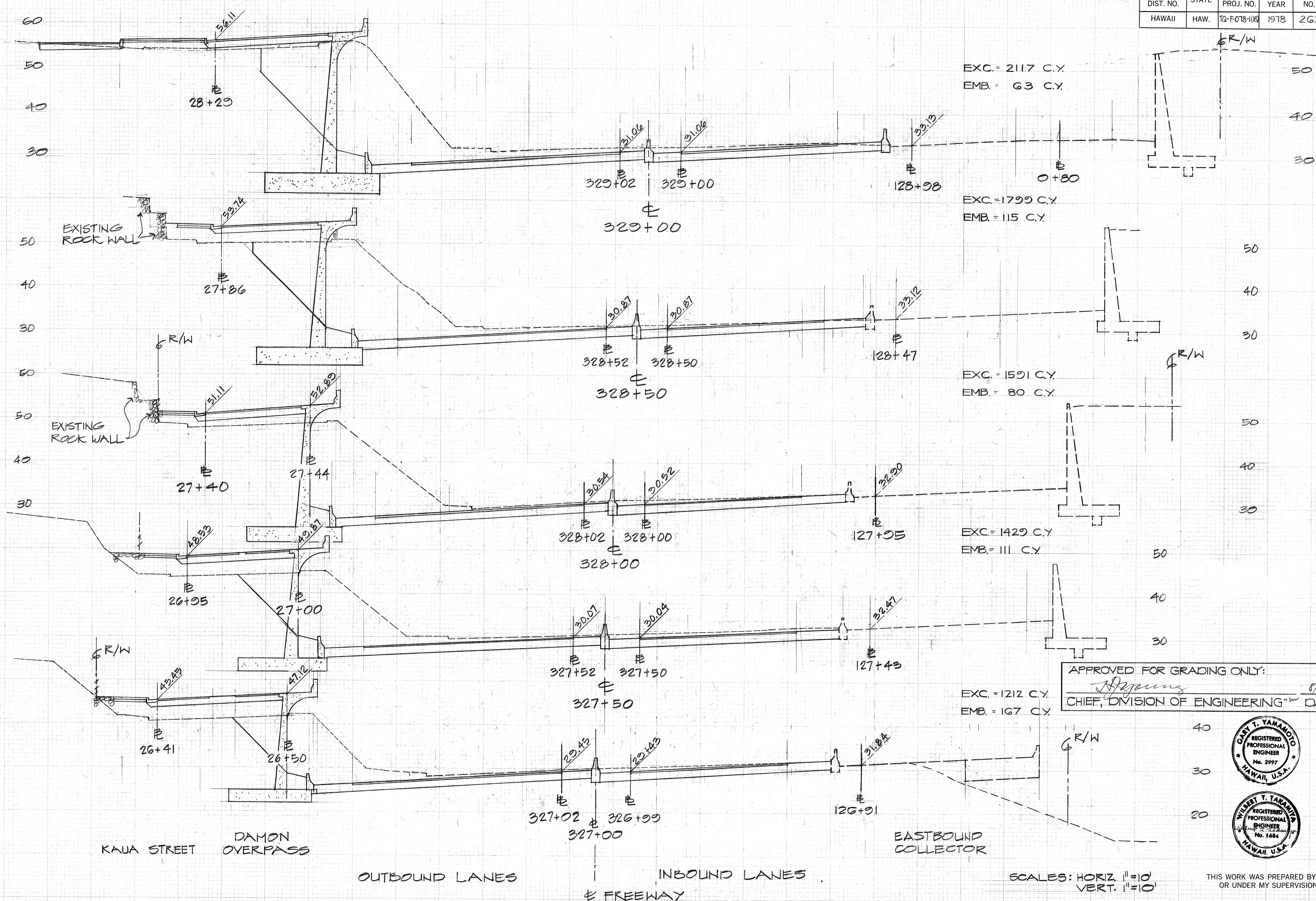
ORIGINAL SURVEY SHEET
 SURVEYED BY: _____
 PLOTTED BY: _____
 CHECKED BY: _____
 DATE: _____

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

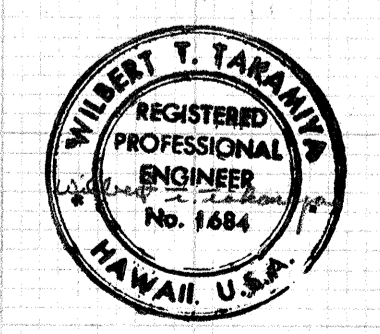
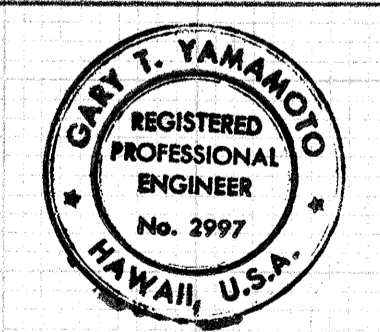
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	TQ-F-078-1(8)	1978	263	266



APPROVED FOR GRADING ONLY:
[Signature] 8/9/78
 CHIEF, DIVISION OF ENGINEERING DATE

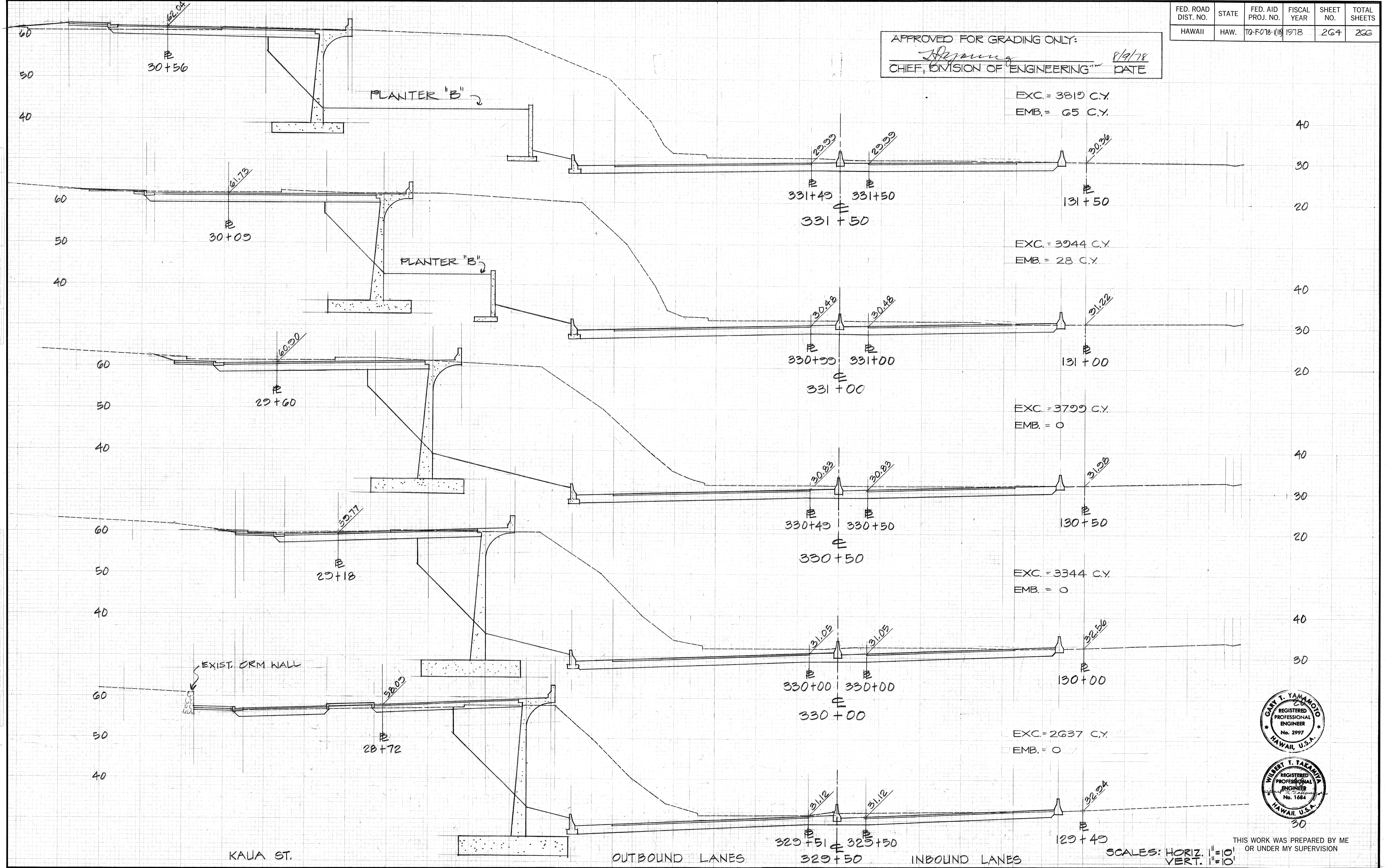


SCALES: HORIZ. 1" = 10'
 VERT. 1" = 10'

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

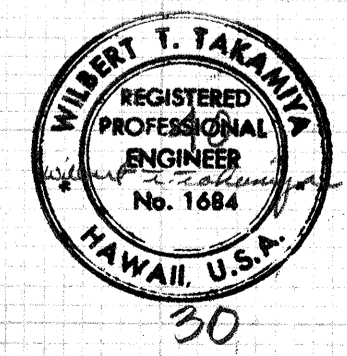
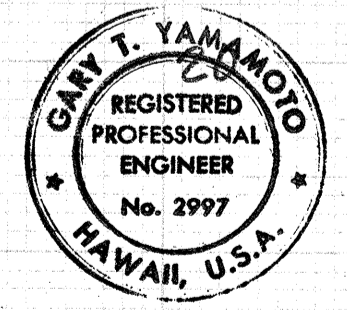
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	TQ-F018-118	1978	264	266

APPROVED FOR GRADING ONLY:
Sperry
 CHIEF, DIVISION OF ENGINEERING DATE 8/9/78



FINAL SURVEYED, PLOTTED, AND CHECKED BY: [Blank]
 SURVEY NOTES RECORDED AND AREAS CHECKED BY: [Blank]

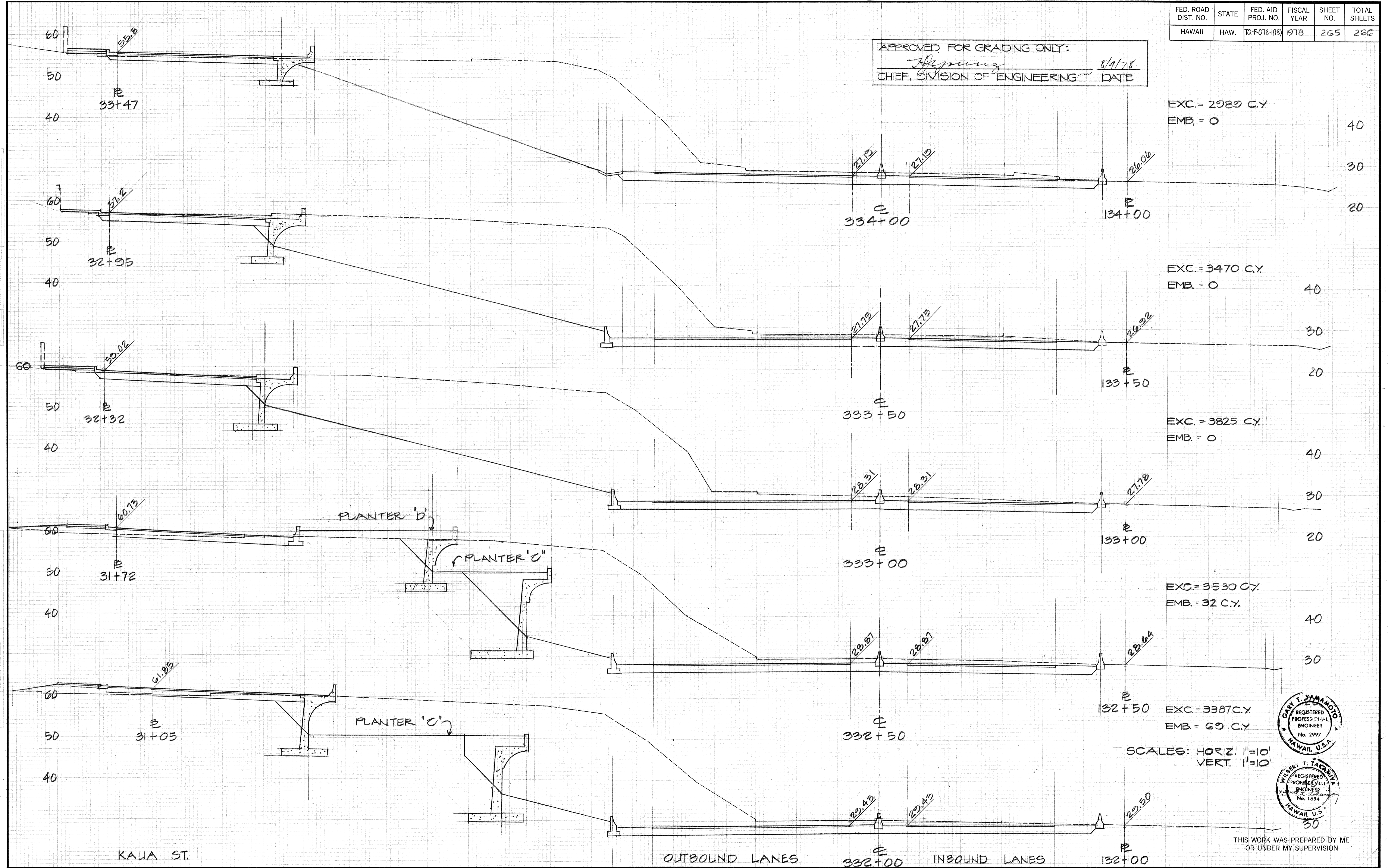
ORIGINAL SURVEYED, PLOTTED, AND CHECKED BY: [Blank]
 SURVEY NOTES RECORDED AND AREAS CHECKED BY: [Blank]



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
 SCALES: HORIZ. 1"=10'
 VERT. 1"=10'

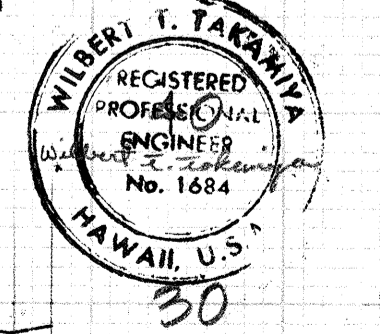
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	TQ-F-078-1(18)	1978	265	266

APPROVED FOR GRADING ONLY:
Hejning
 CHIEF, DIVISION OF ENGINEERING DATE 8/11/78



BY DATE
 SURVEYED PLOTTED
 NOTE BOOK RECALCULATE
 AREAS CHECKED

BY DATE
 SURVEYED PLOTTED
 NOTE BOOK RECALCULATE
 AREAS CHECKED



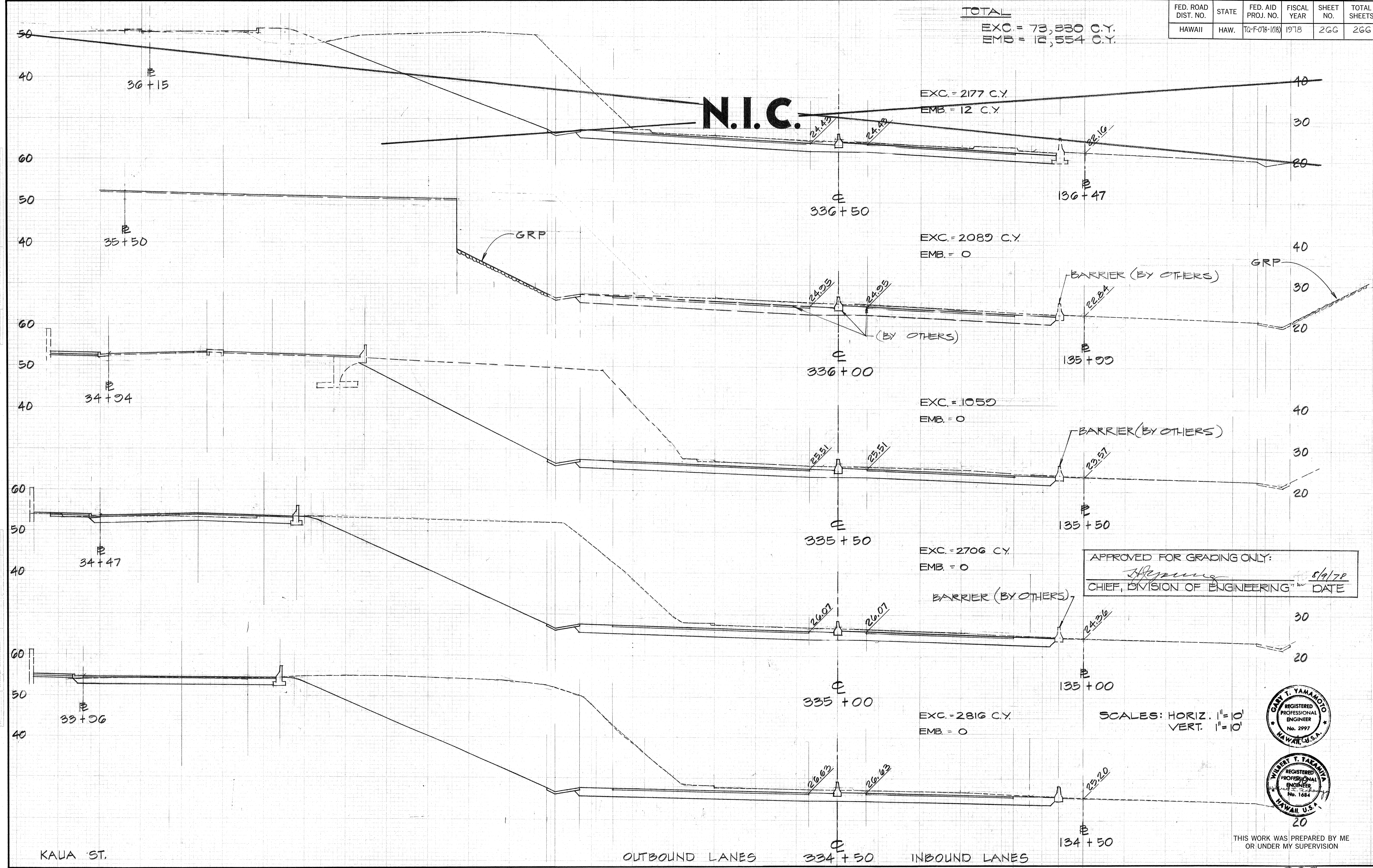
SCALES: HORIZ. 1"=10'
 VERT. 1"=10'

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.	TQ-F-018-1(8)	1978	266	266

TOTAL
 EXC. = 73,330 C.Y.
 EMB. = 12,554 C.Y.

N.I.C.



EXC. = 2177 C.Y.
 EMB. = 12 C.Y.

EXC. = 2089 C.Y.
 EMB. = 0

EXC. = 1050
 EMB. = 0

EXC. = 2706 C.Y.
 EMB. = 0

EXC. = 2816 C.Y.
 EMB. = 0

BARRIER (BY OTHERS)

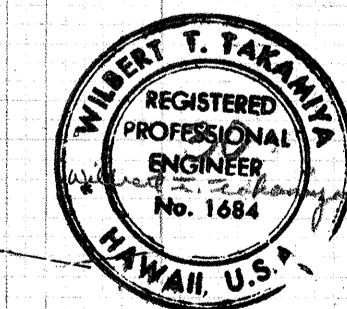
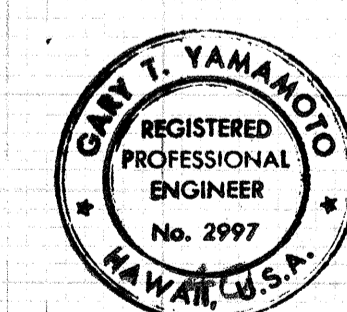
(BY OTHERS)

BARRIER (BY OTHERS)

BARRIER (BY OTHERS)

APPROVED FOR GRADING ONLY:
[Signature] 5/9/78
 CHIEF, DIVISION OF ENGINEERING DATE

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



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

DATE: _____
 BY: _____
 SURVEYED: _____
 PLOTTED: _____
 CHECKED: _____
 NOTED: _____
 AREAS CHECKED: _____

DATE: _____
 BY: _____
 SURVEYED: _____
 PLOTTED: _____
 CHECKED: _____
 NOTED: _____
 AREAS CHECKED: _____