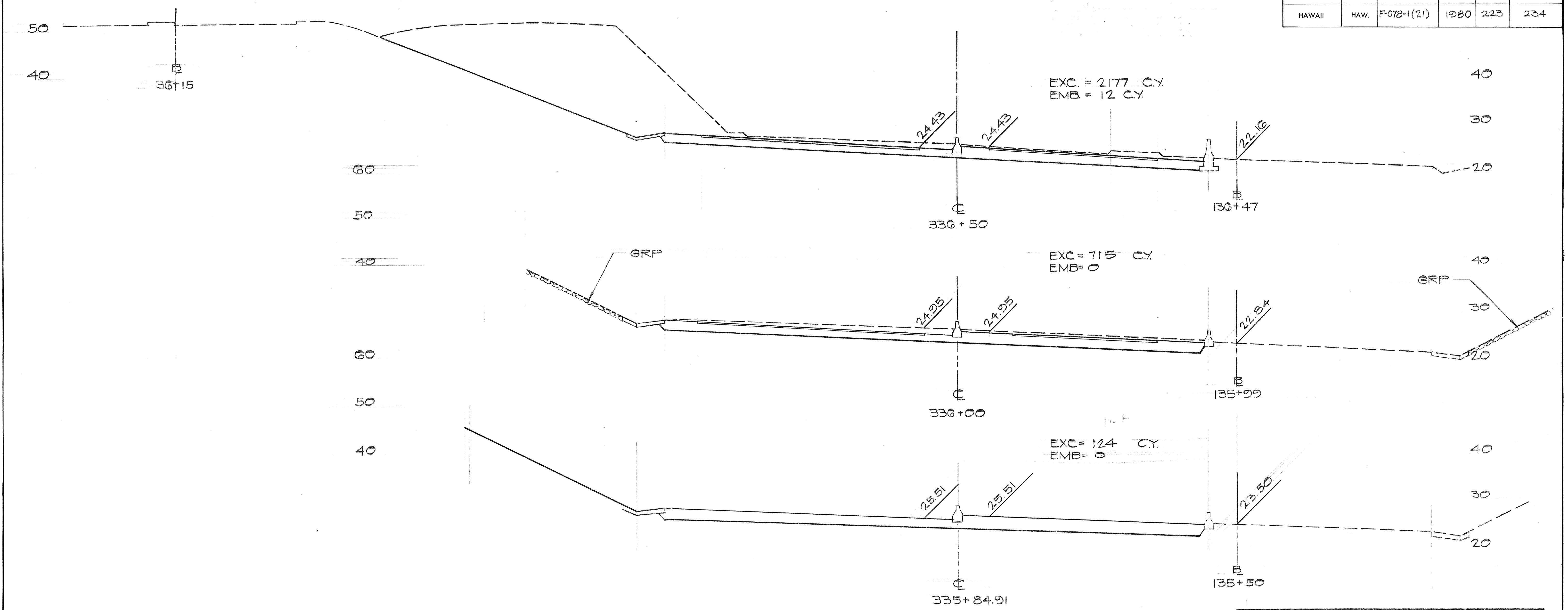


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-078-1(21)	1980	223	234



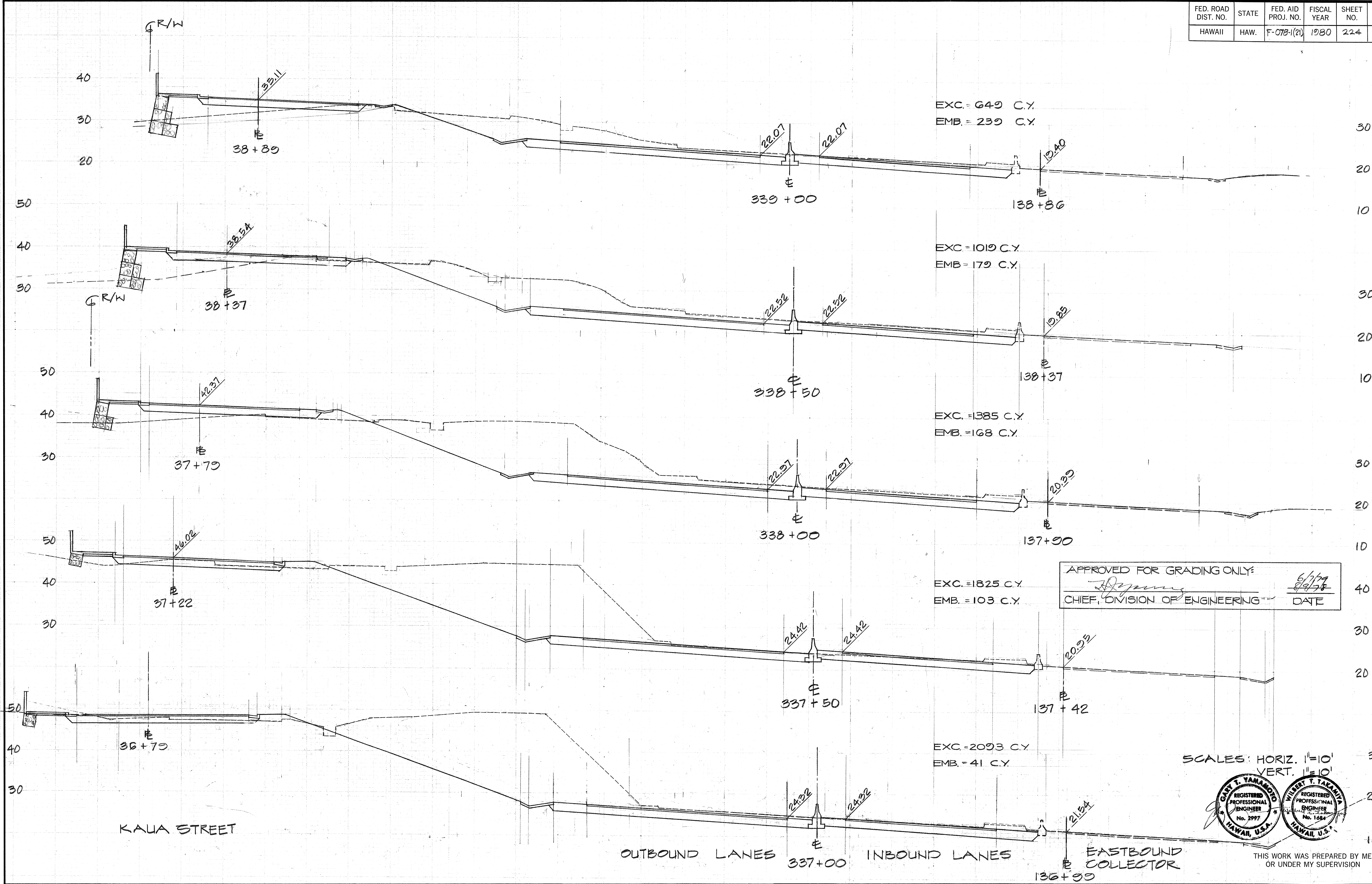
APPROVED FOR GRADING ONLY:
[Signature] 6/1/79
 CHIEF, DIVISION OF ENGINEERING DATE

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



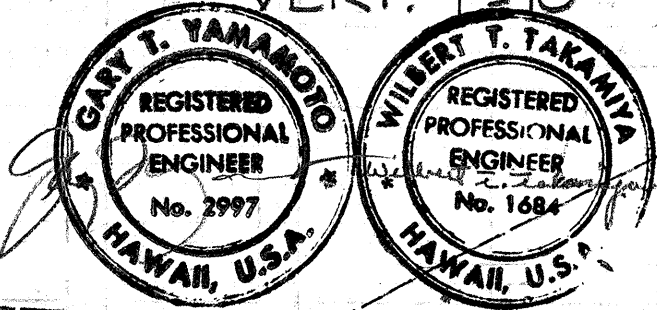
[Signature]
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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-078-1(2)	1980	224	234



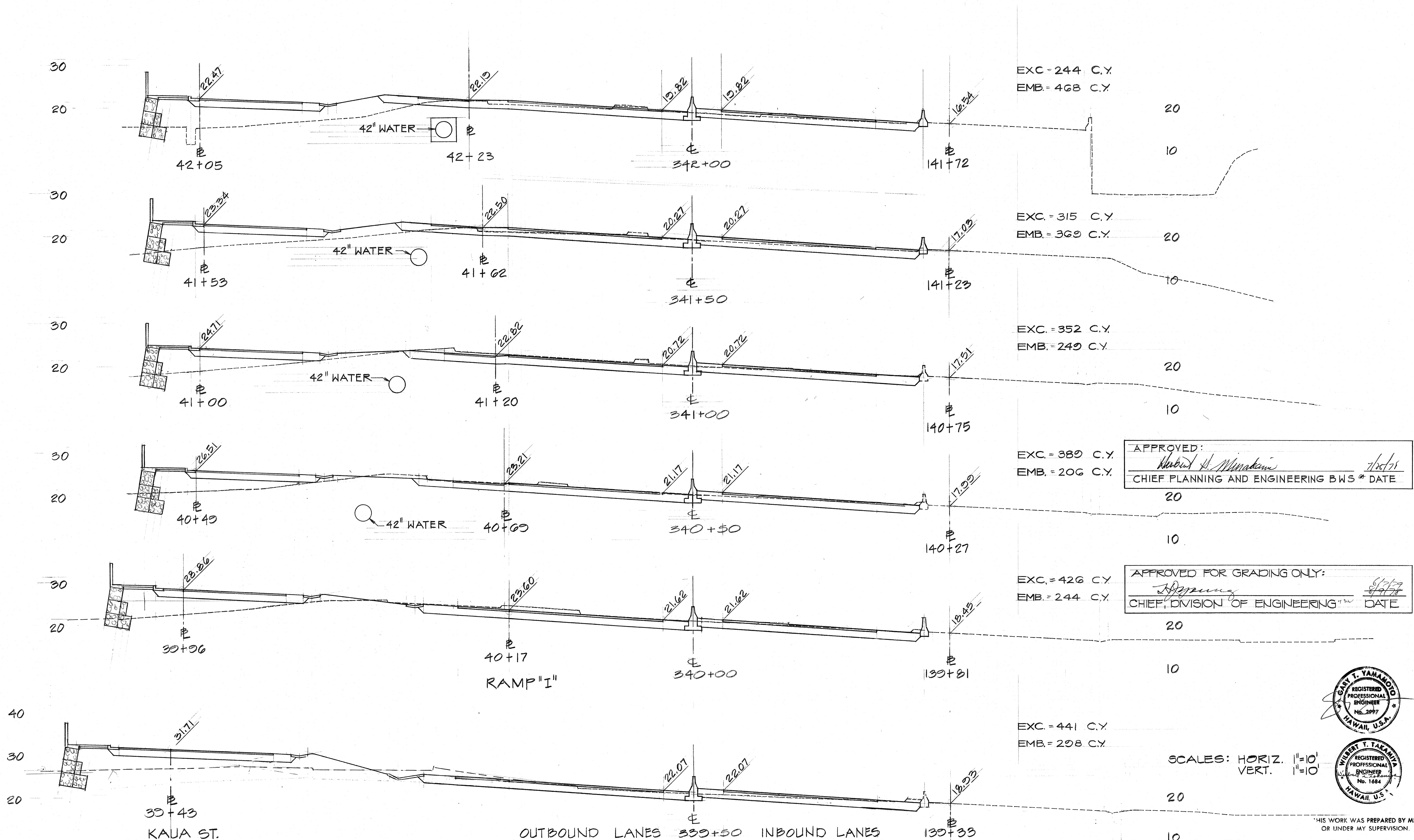
APPROVED FOR GRADING ONLY:
[Signature]
 CHIEF, DIVISION OF ENGINEERING
 DATE 6/7/79

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



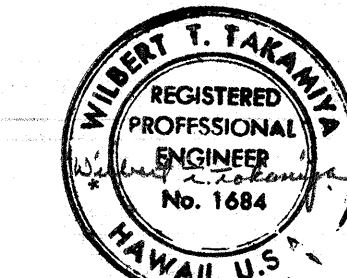
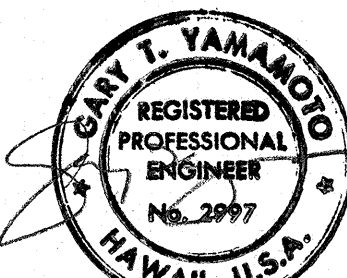
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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-078-1(21)	1980	225	234



APPROVED: Harold A. Minakawa 7/18/78
CHIEF PLANNING AND ENGINEERING BWS # DATE

APPROVED FOR GRADING ONLY: Harold A. Minakawa 8/1/78
CHIEF, DIVISION OF ENGINEERING # DATE



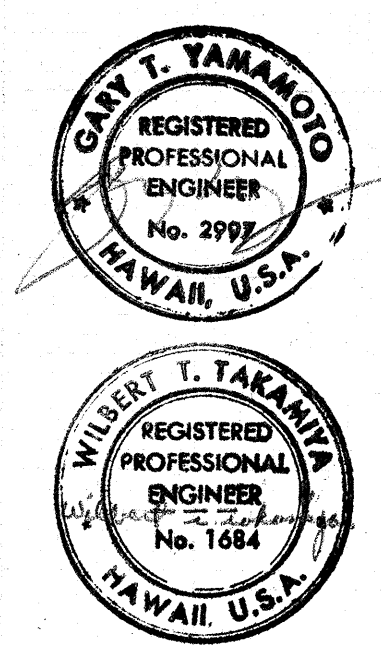
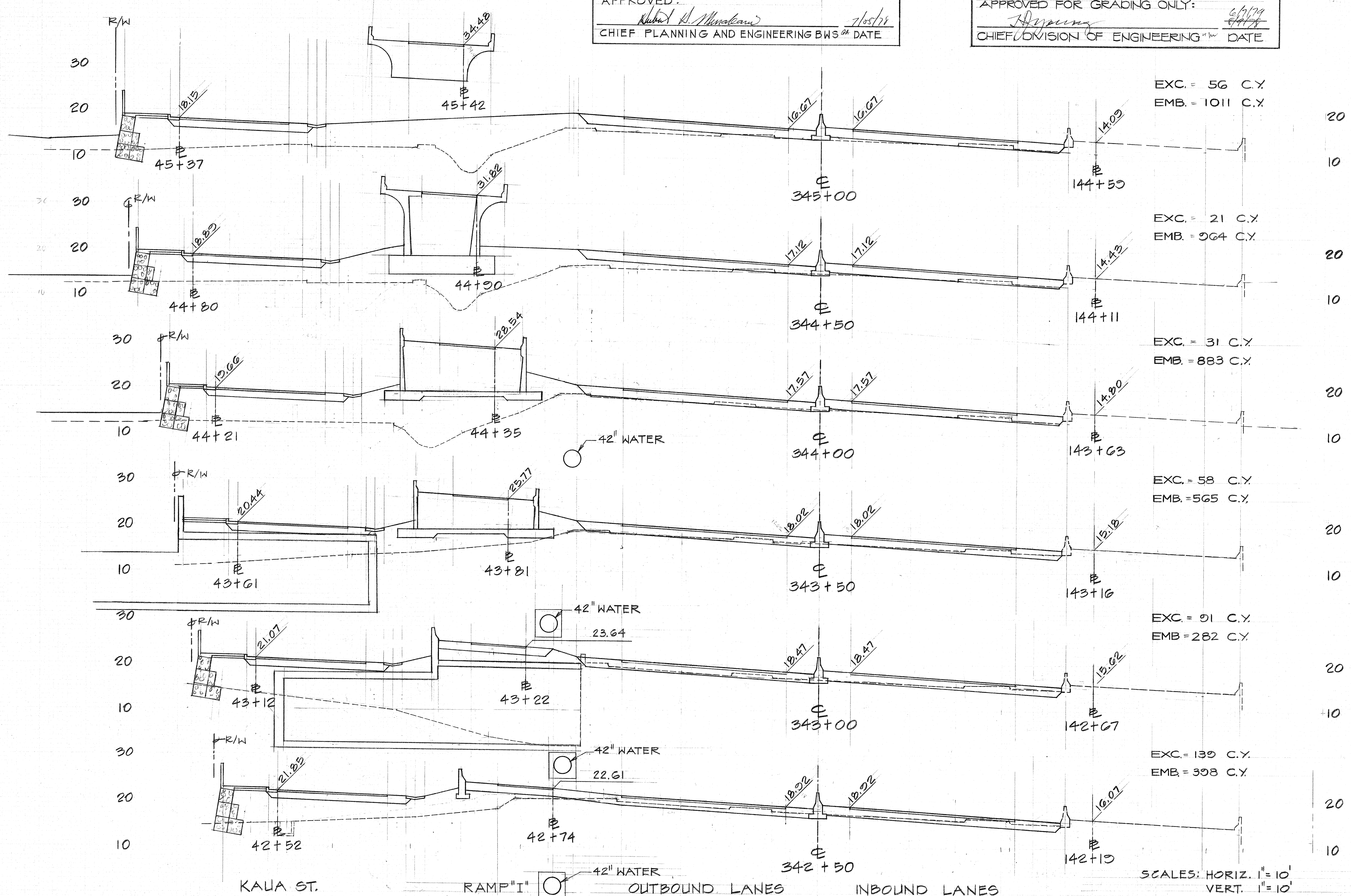
SCALES: HORIZ. 1"=10'
VERT. 1"=10'

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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-078-1(21)	1980	226	234

APPROVED: Robert D. Munakami 7/25/78
CHIEF PLANNING AND ENGINEERING BWS DATE

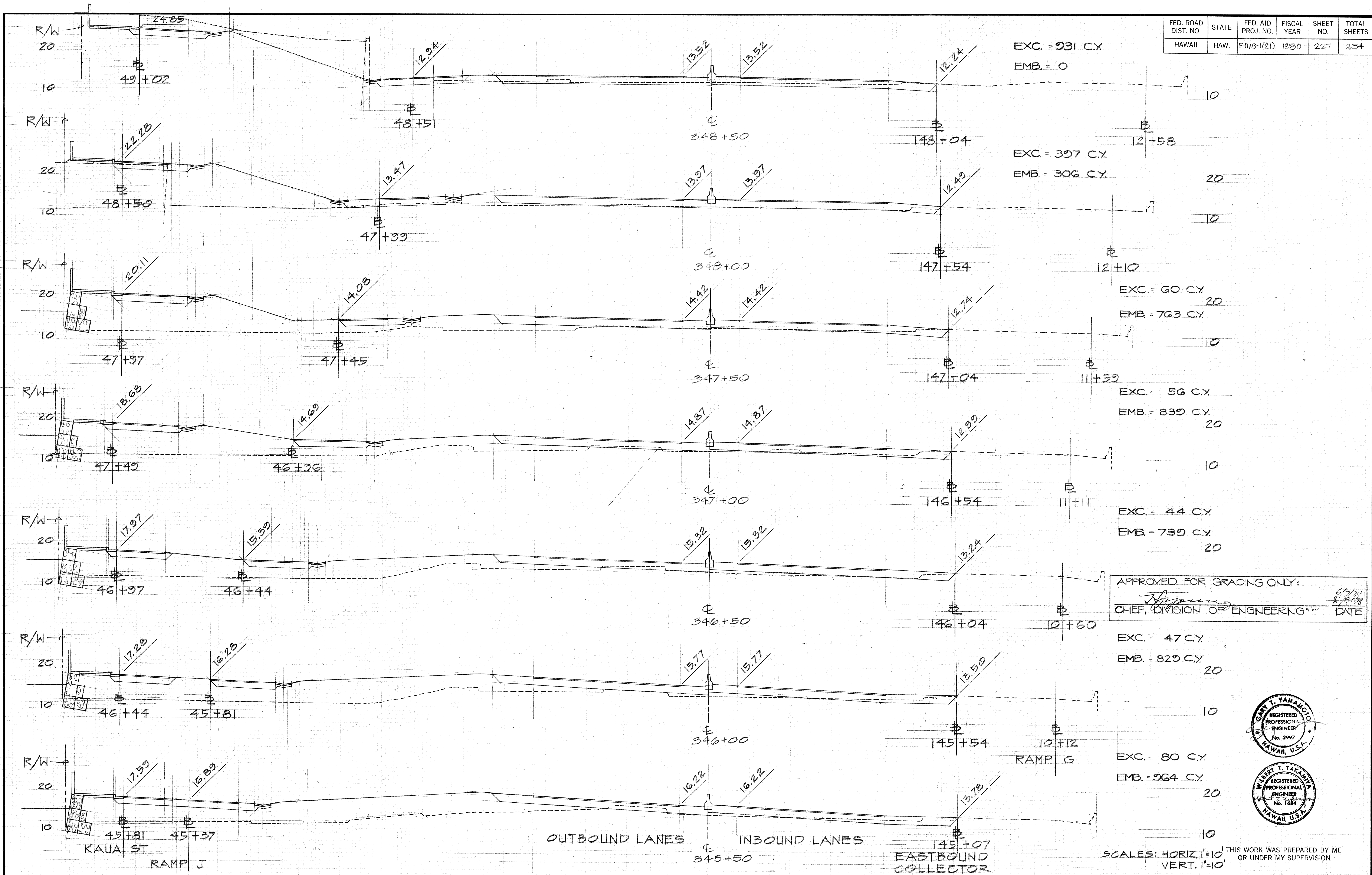
APPROVED FOR GRADING ONLY: Hyung 6/1/79
CHIEF DIVISION OF ENGINEERING DATE



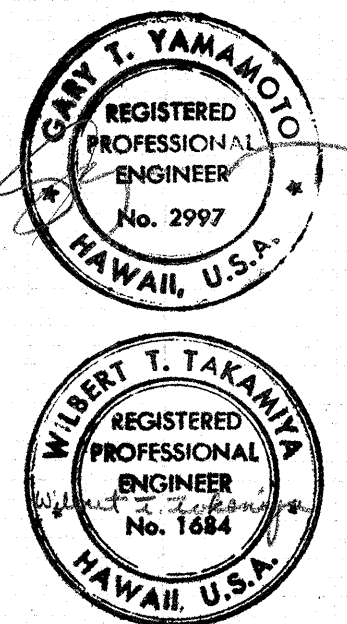
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SCALES: HORIZ. 1" = 10'
VERT. 1" = 10'

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-078-1(21)	1980	227	234



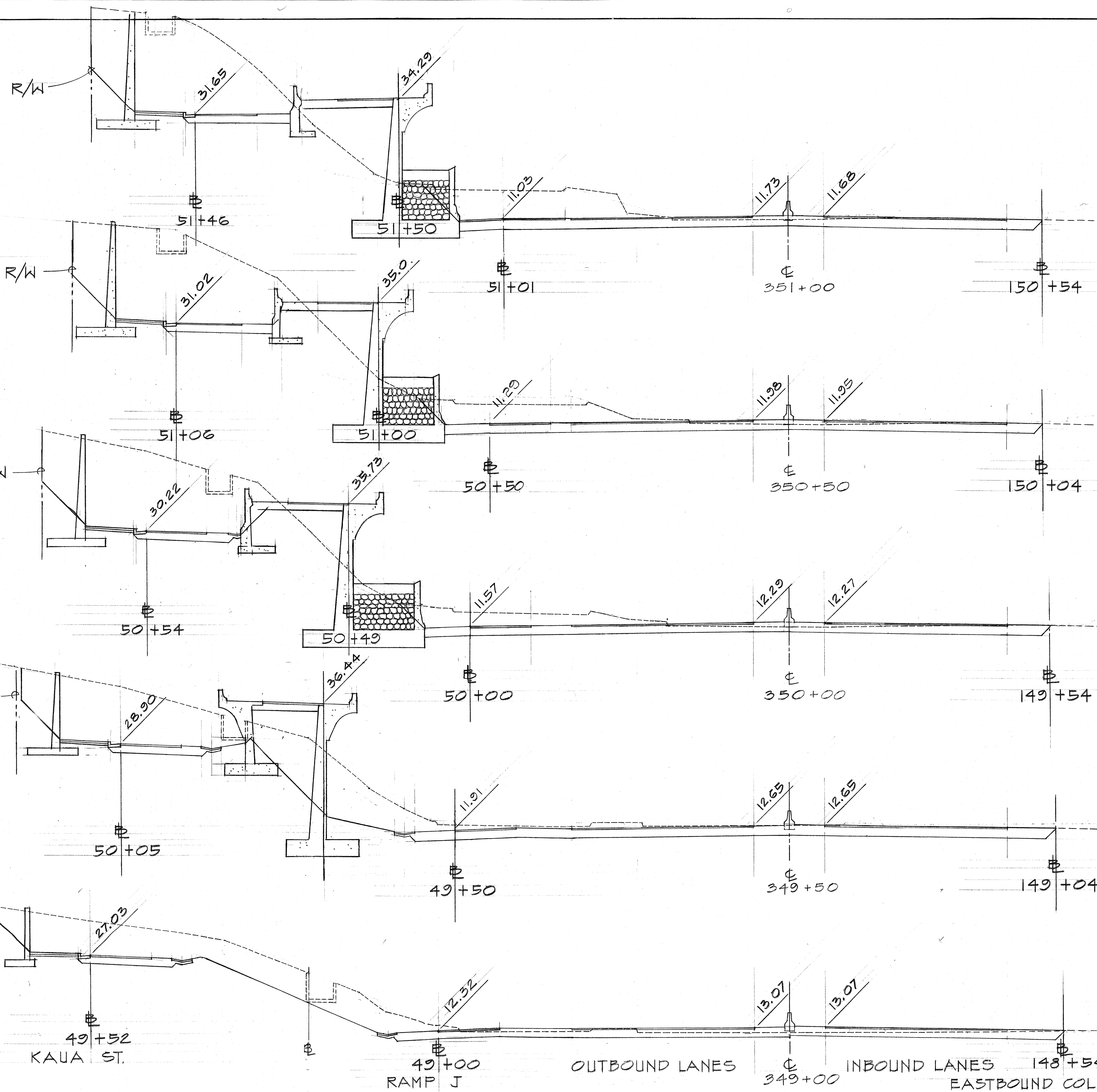
APPROVED FOR GRADING ONLY:
 [Signature]
 CHIEF, DIVISION OF ENGINEERING DATE 6/2/80



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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-07B-1(21)	1980	228	234

40
30
20
10
40
30
20
10
40
30
20
10
40
30
20
10
40
30
20
10



EXC. = 1658 C.Y.
EMB. = 100 C.Y.

EXC. = 1795 C.Y.
EMB. = 64 C.Y.

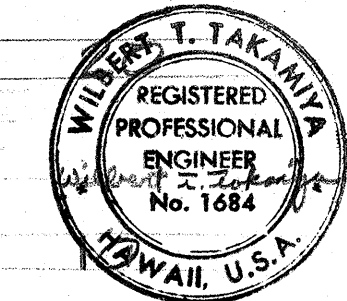
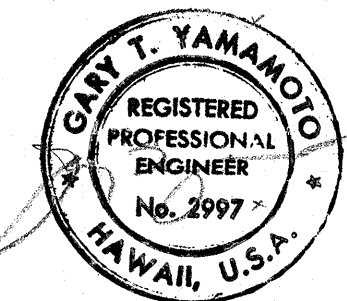
EXC. = 1749 C.Y.
EMB. = 22 C.Y.

EXC. = 1749 C.Y.
EMB. = 8 C.Y.

EXC. = 1458 C.Y.
EMB. = 0

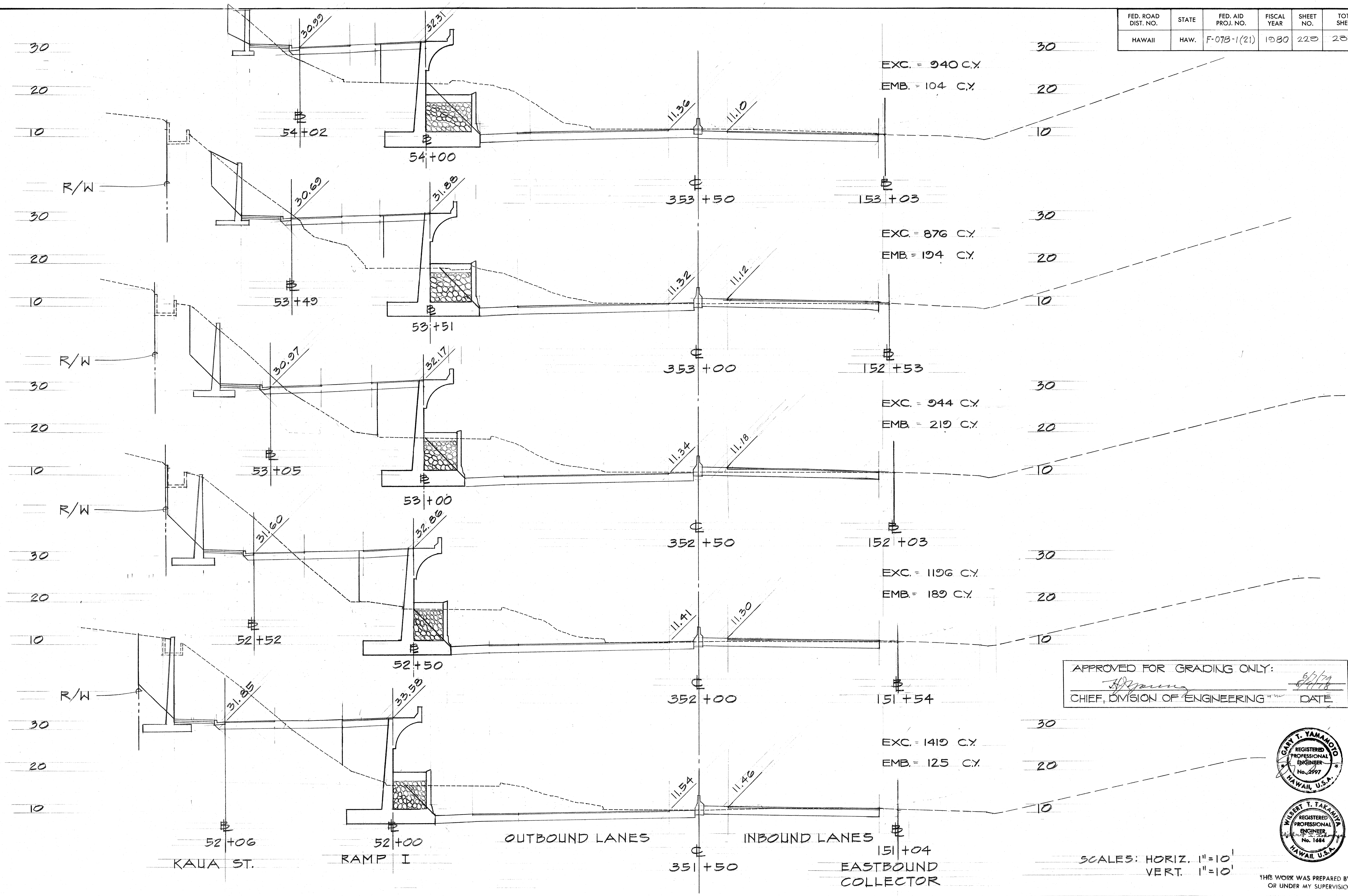
APPROVED FOR GRADING ONLY:
[Signature]
CHIEF, DIVISION OF ENGINEERING DATE *8/1/79*

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

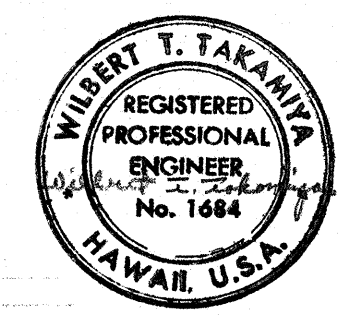
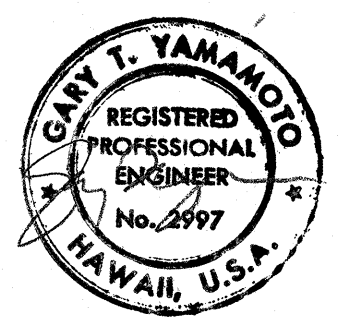


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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-07B-1(21)	1980	229	284



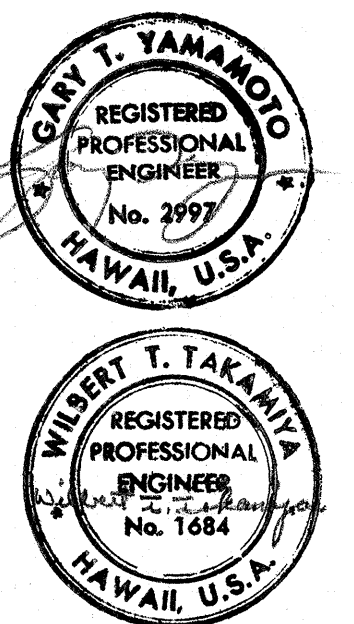
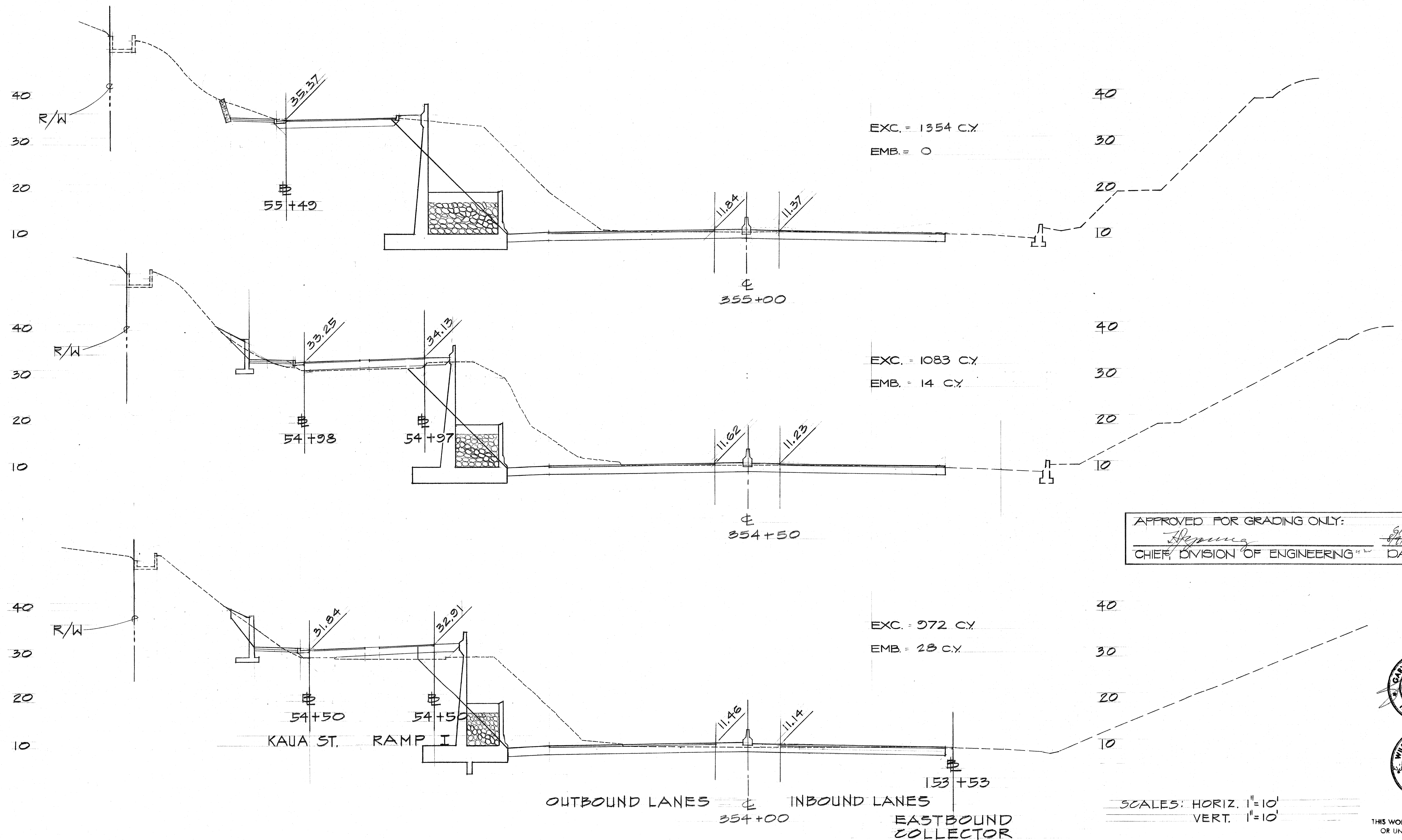
APPROVED FOR GRADING ONLY:
[Signature]
 CHIEF, DIVISION OF ENGINEERING DATE



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

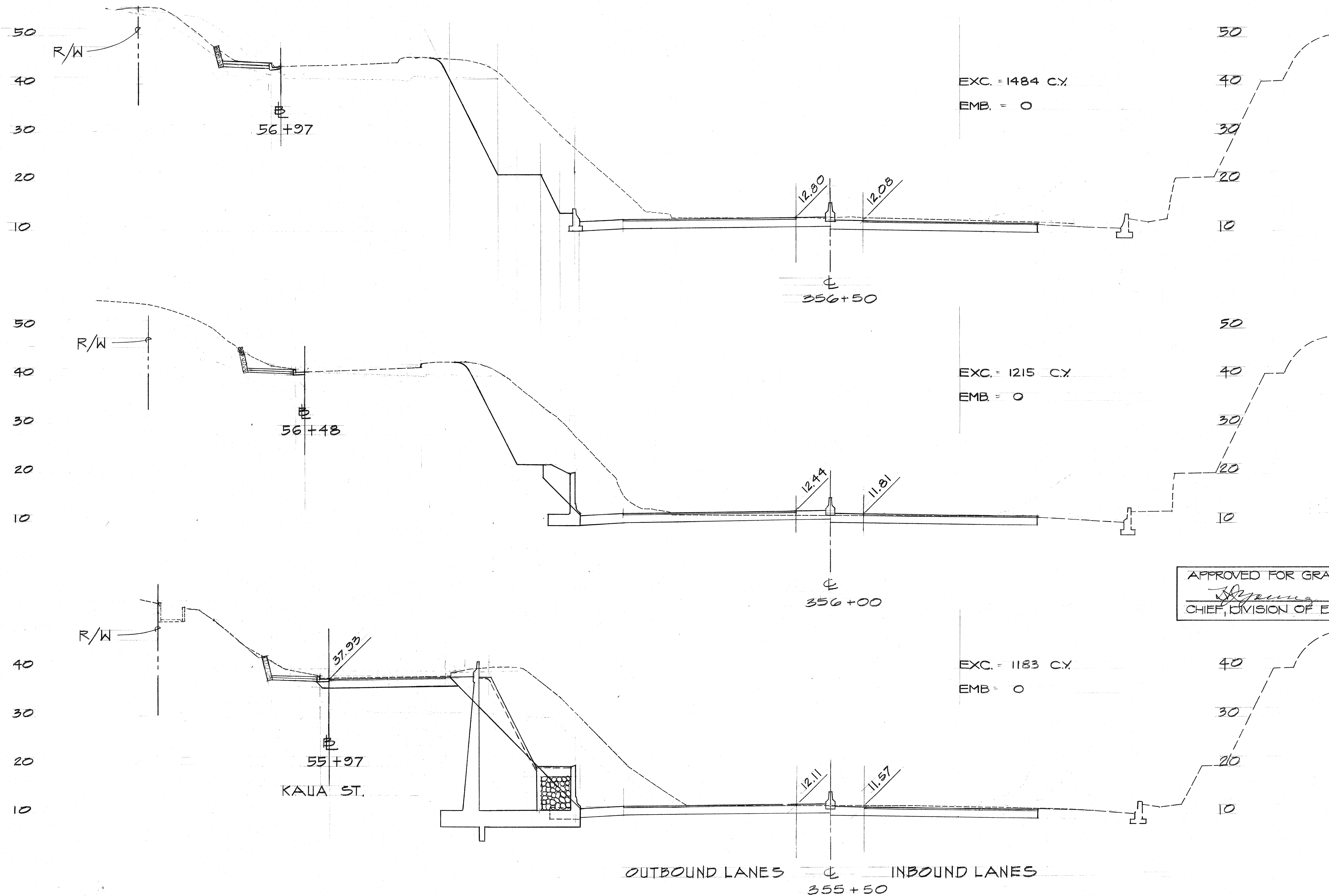
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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-078-1(21)	1980	230	234

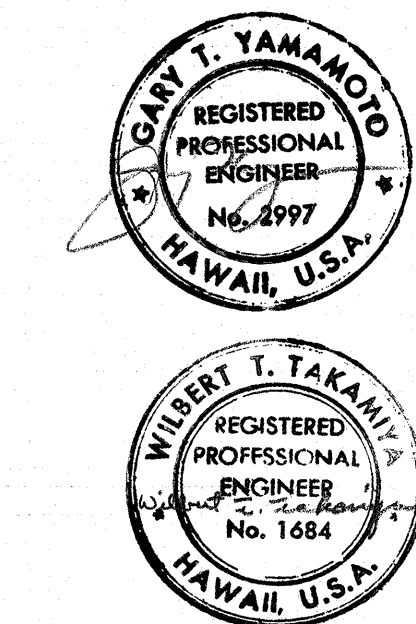


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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-07B-1(21)	1980	231	234



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

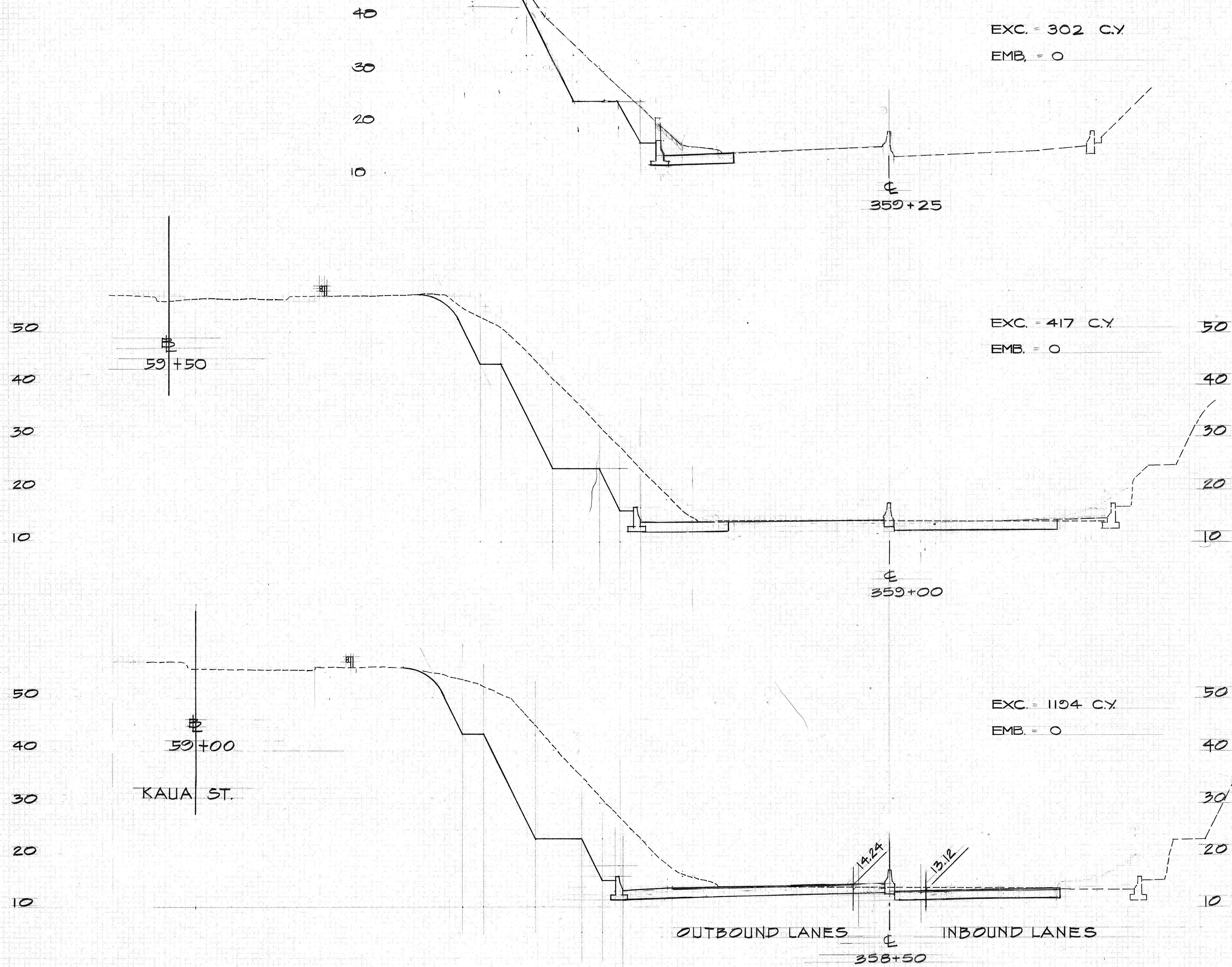


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OR UNDER MY SUPERVISION.

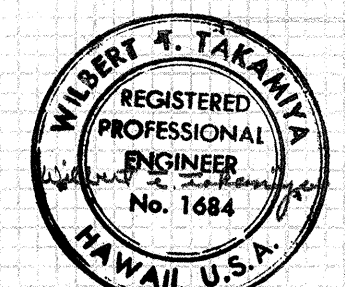
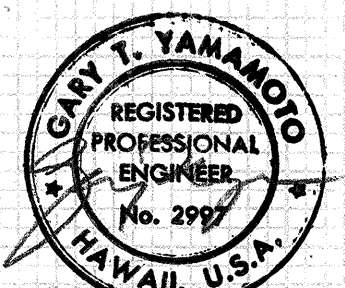
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-078-1(21)	1980	233	234

DESIGNED BY	DATE
CHECKED BY	
IN CHARGE	
APPROVED BY	
NO.	

DESIGNED BY	DATE
CHECKED BY	
IN CHARGE	
APPROVED BY	
NO.	



APPROVED FOR GRADING ONLY:
[Signature]
 CHIEF, DIVISION OF ENGINEERING DATE 6/17/80

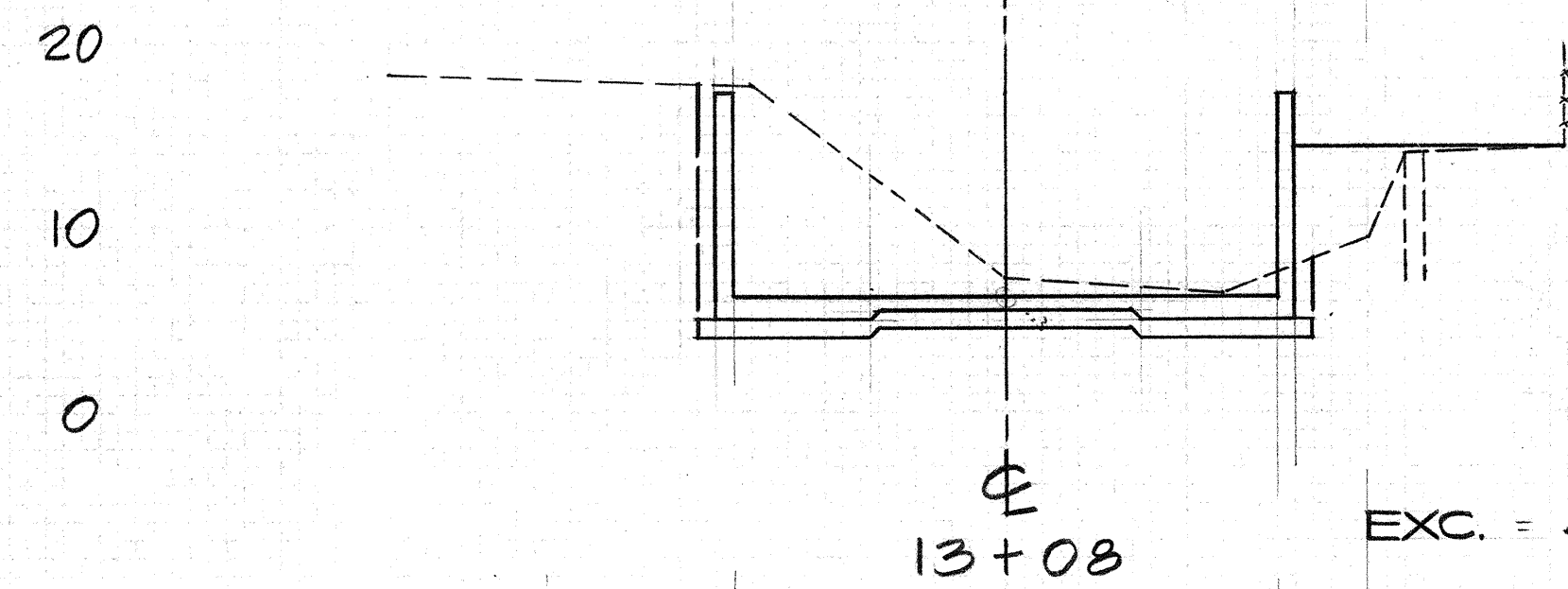


SCALES: HORIZ. 1"=10'
 VERT. 1"=10'

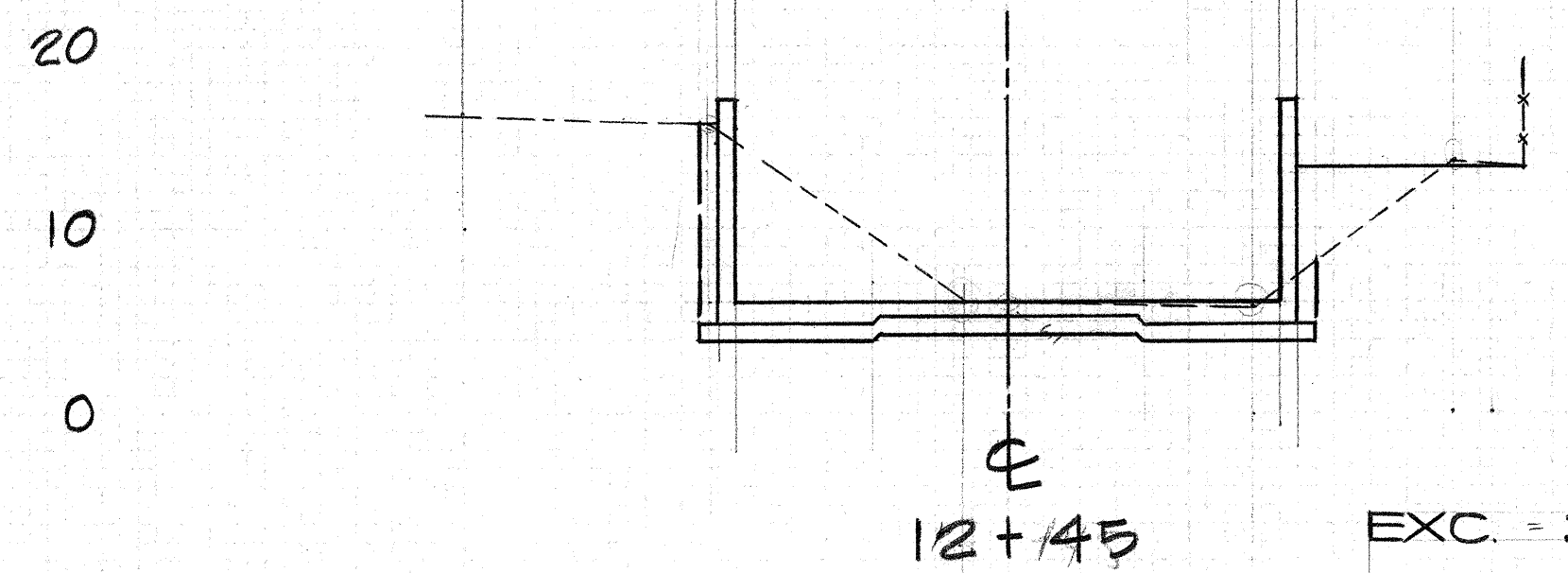
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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-07B-1(21)	1980	234	234

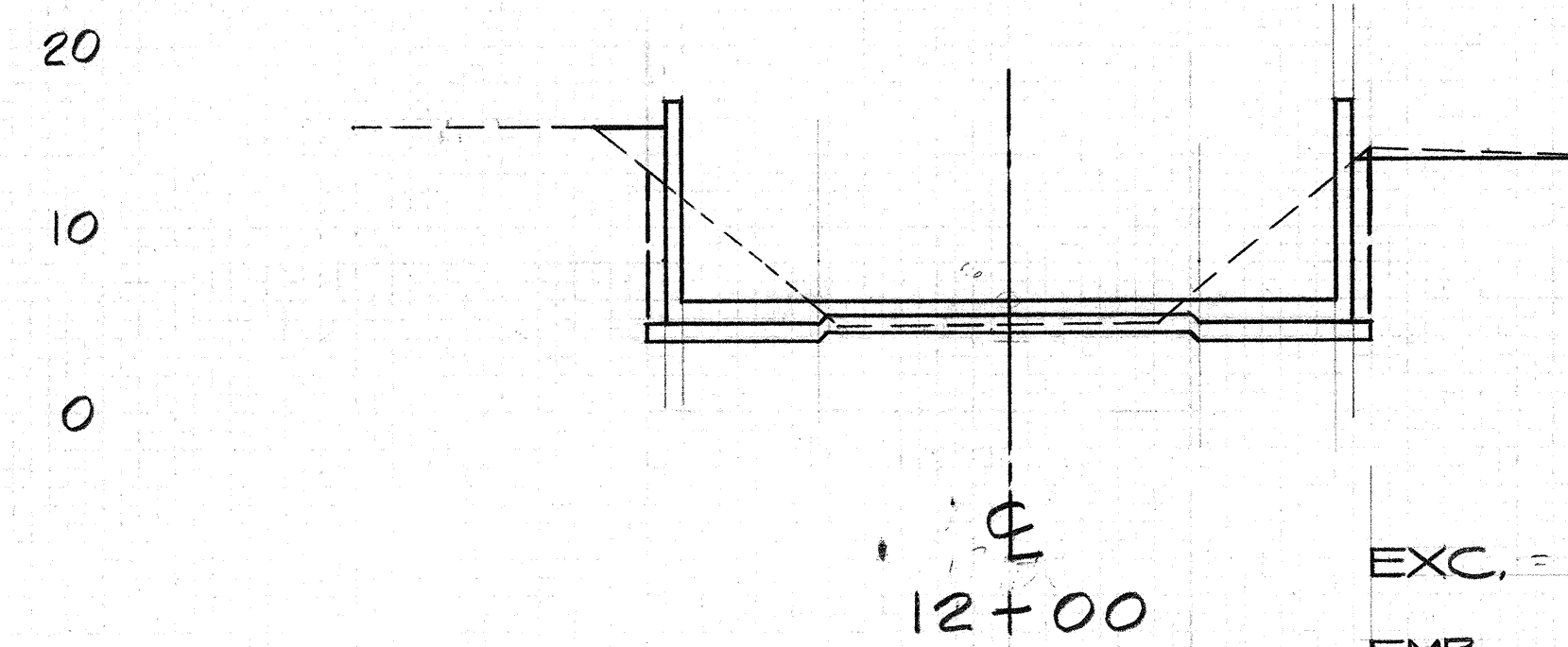
EXC. = 607 C.Y.
EMB. = 126 C.Y.



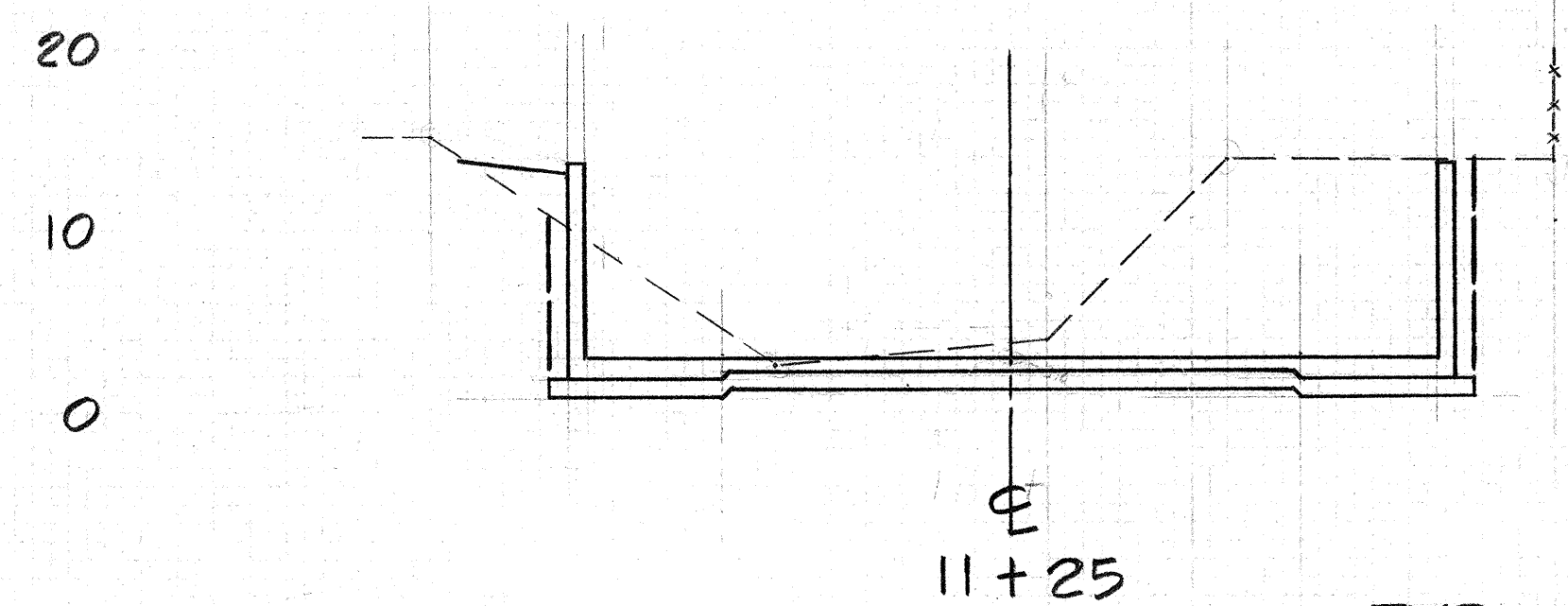
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EMB. = 63 C.Y.



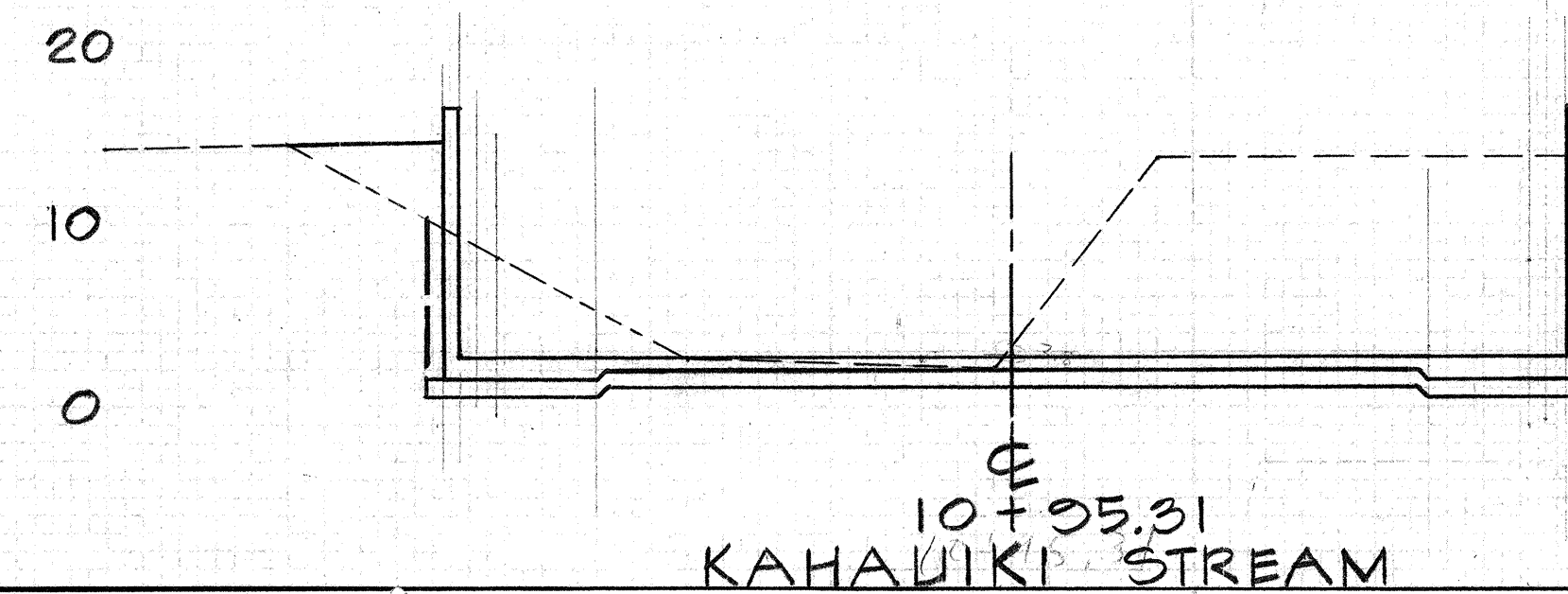
EXC. = 225 C.Y.
EMB. = 24 C.Y.



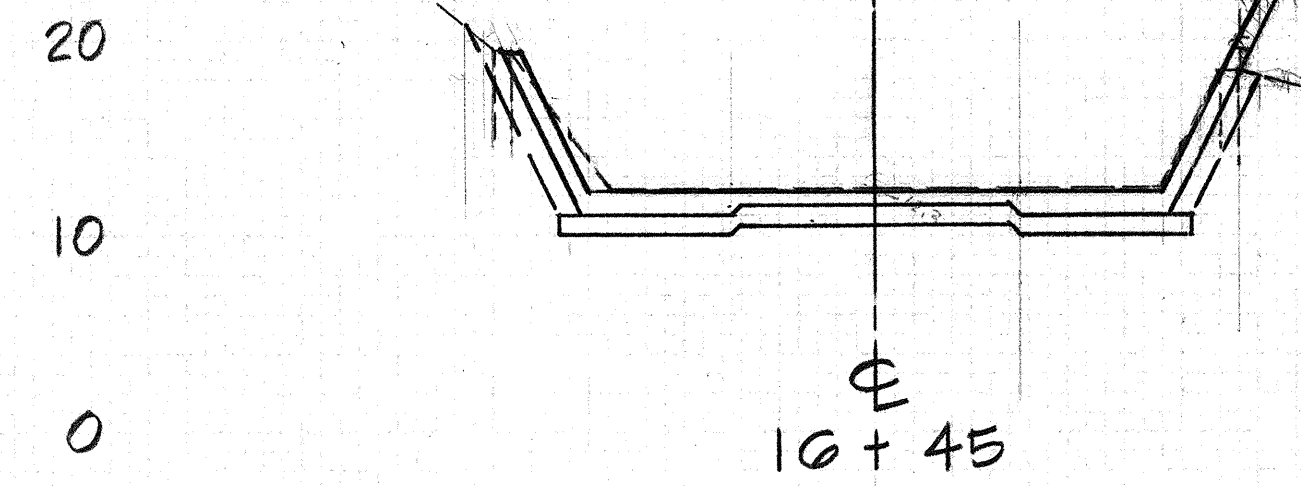
EXC. = 671 C.Y.
EMB. = 28 C.Y.



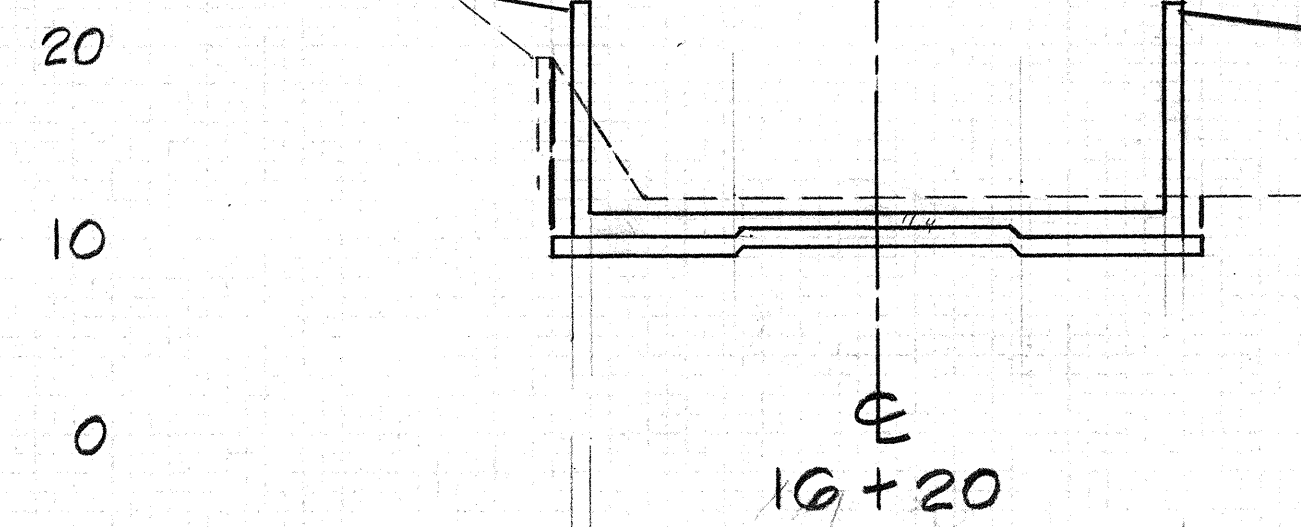
EXC. = 459 C.Y.
EMB. = 19 C.Y.



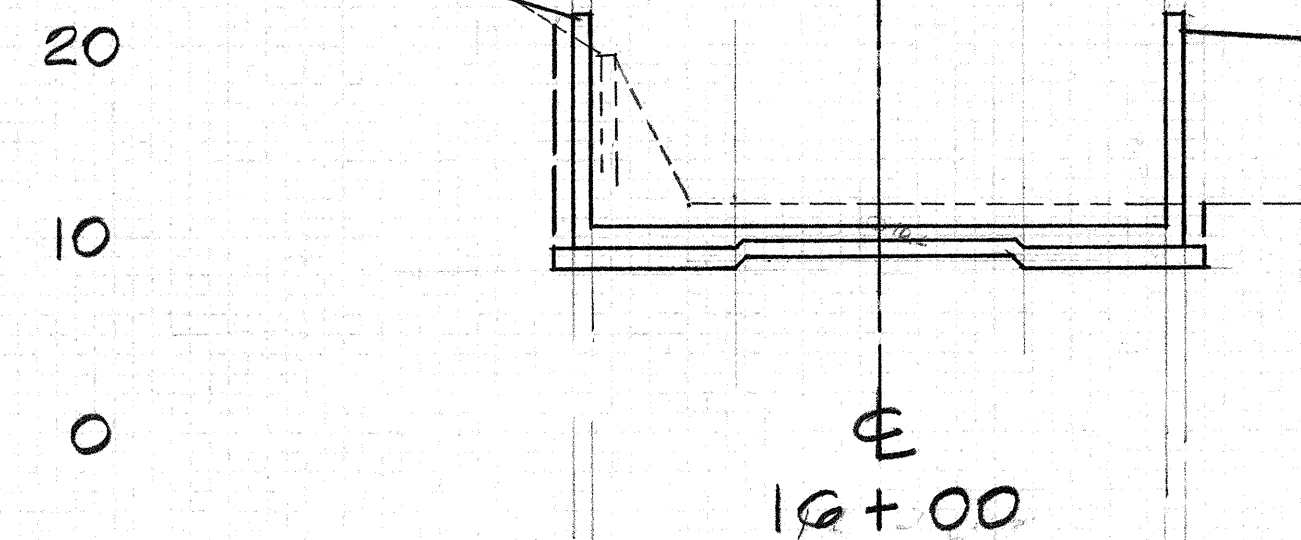
KAHAULIKI STREAM



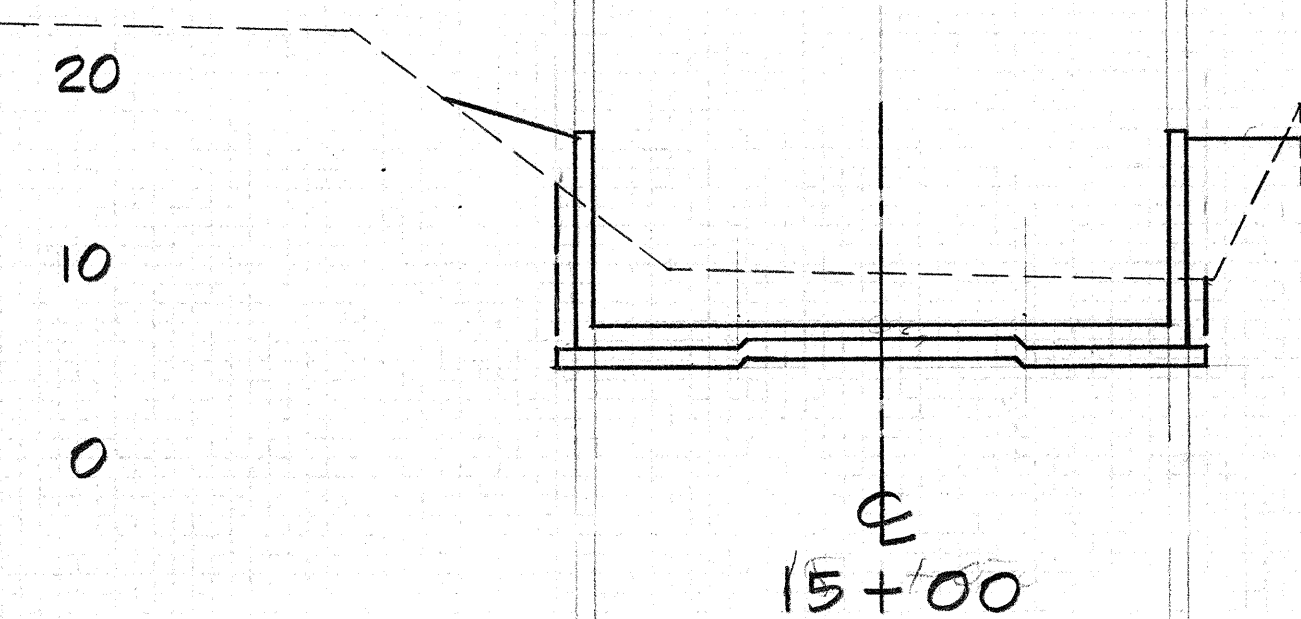
EXC. = 91 C.Y.
EMB. = 55 C.Y.



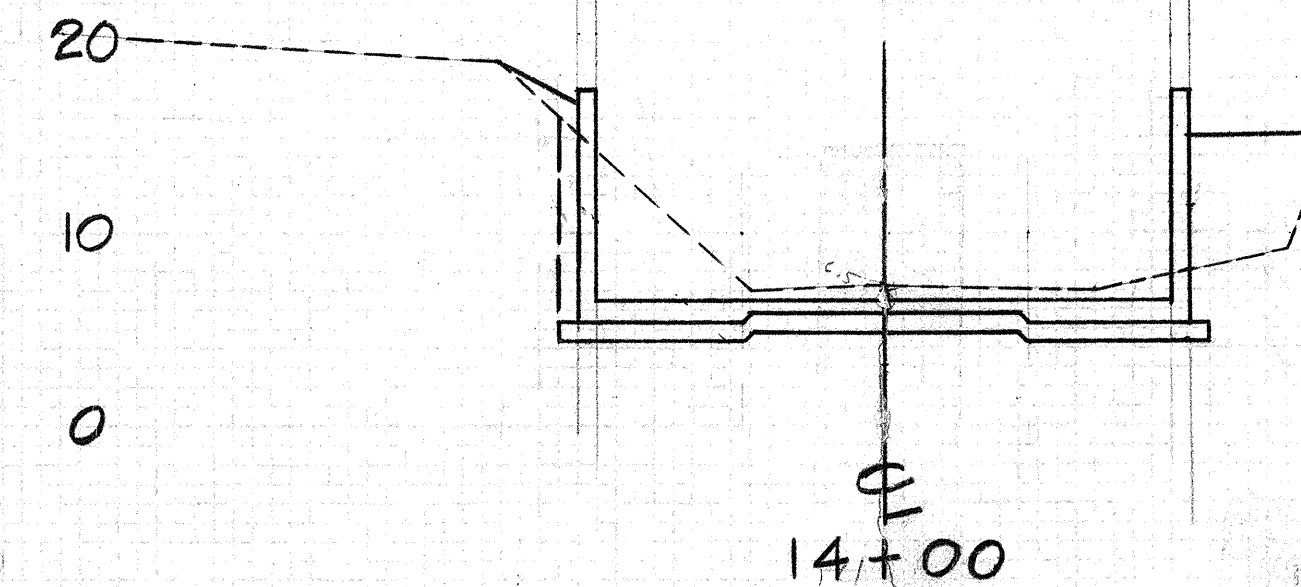
EXC. = 104 C.Y.
EMB. = 45 C.Y.



EXC. = 152 C.Y.
EMB. = 138 C.Y.



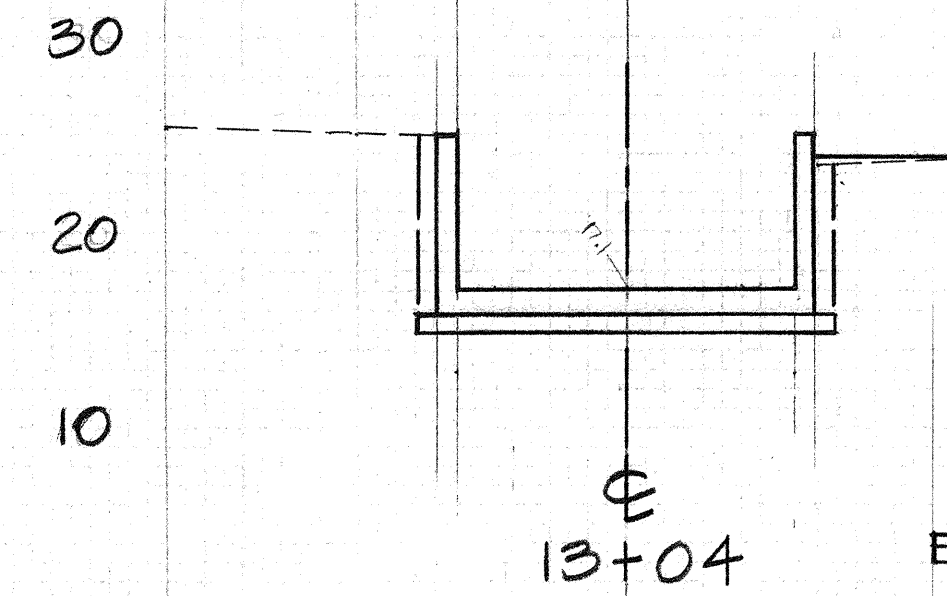
11+00
FORT SHAFTER SCHOOL
EXC. = 578 C.Y.
EMB. = 222 C.Y.



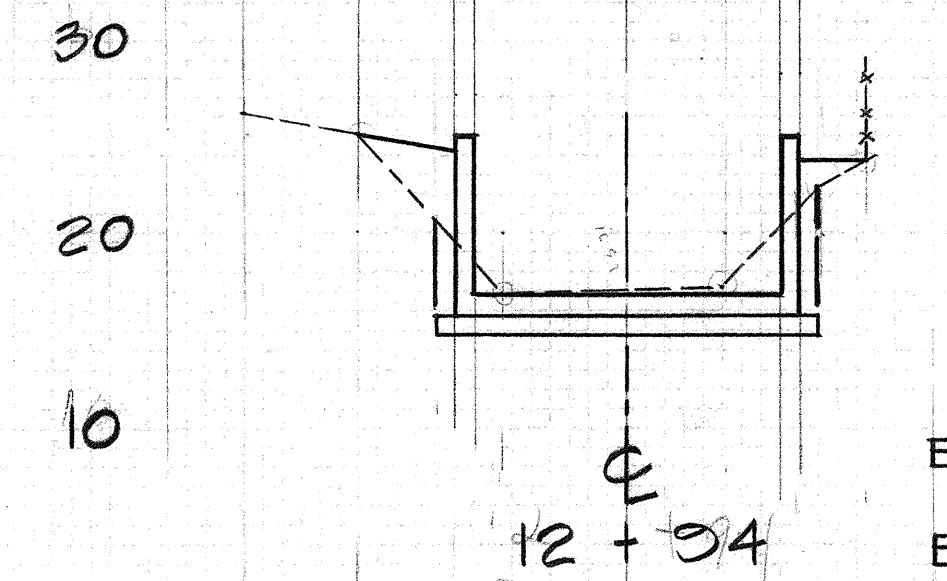
EXC. = 570 C.Y.
EMB. = 156 C.Y.

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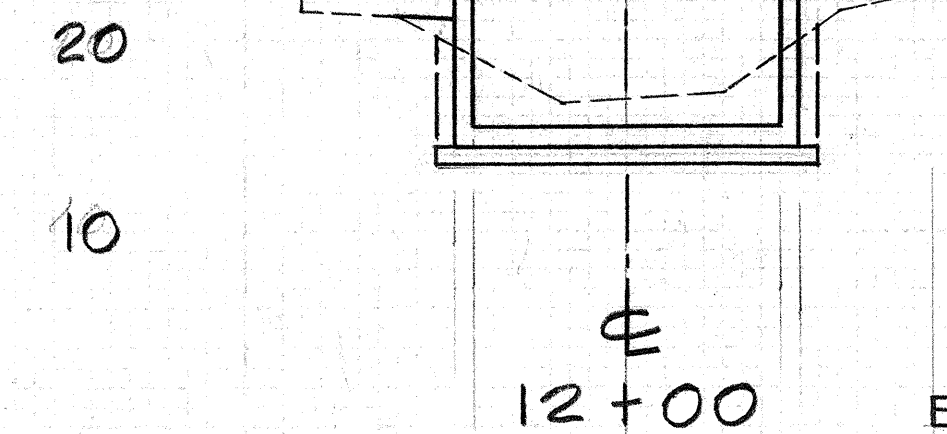
SCALES: HORIZ. 1" = 10'
VERT. 1" = 10'



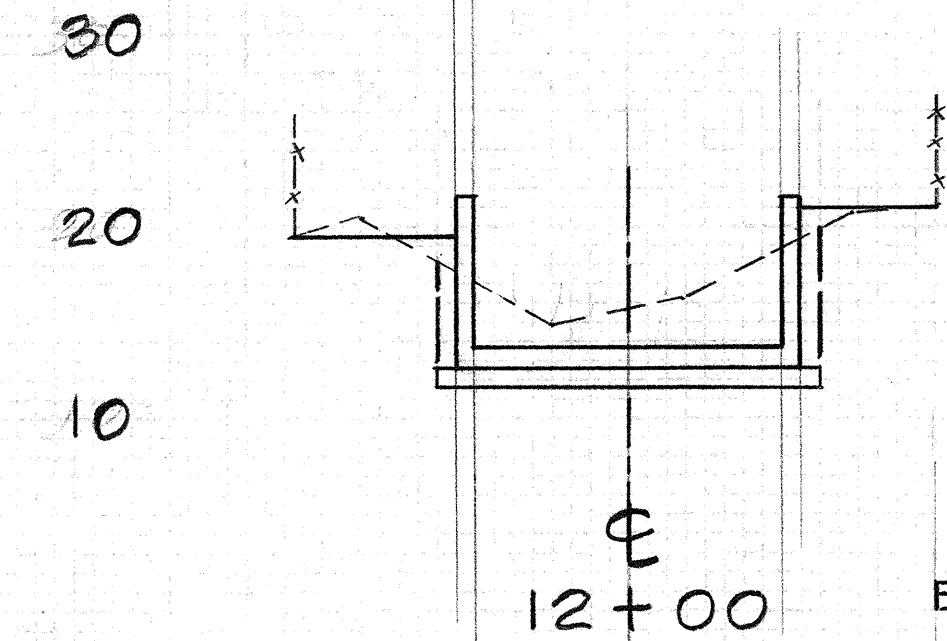
EXC. = 26 C.Y.
EMB. = 3 C.Y.



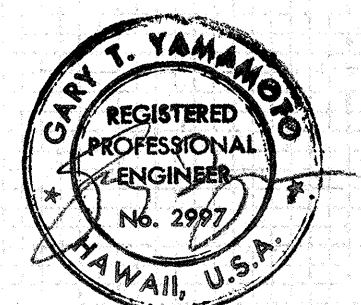
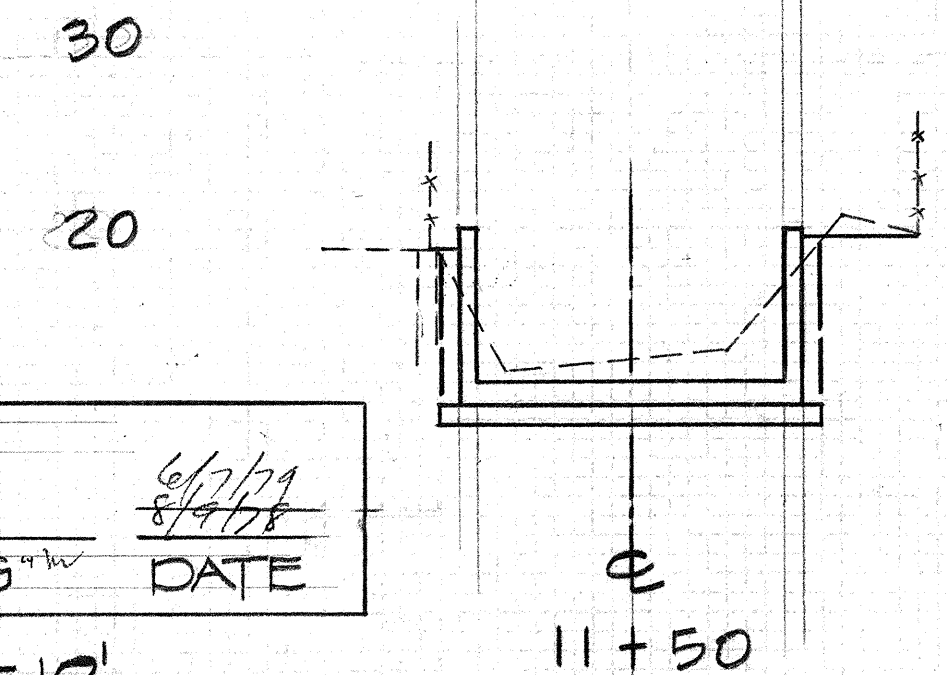
EXC. = 113 C.Y.
EMB. = 19 C.Y.



EXC. = 161 C.Y.
EMB. = 14 C.Y.



EXC. = 171 C.Y.
EMB. = 7 C.Y.



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