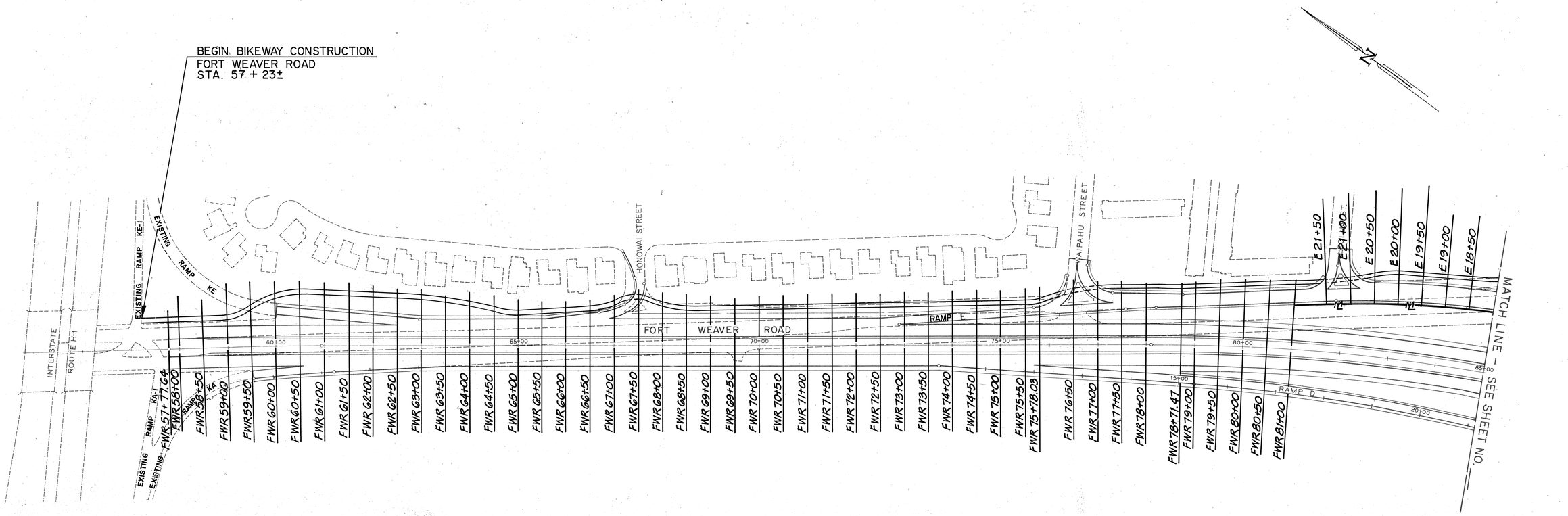
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-01-82 S-RS-0760(2)	1982	120	163



ORIGINAL PLAN

SURVEY PLOTTED BY _____ DATE
DRAWN BY _____
TRACED BY _____
DESIGNED BY _____
NOTE BOOK QUANTITIES BY _____
CHECKED BY _____
No. _____

ANTHONY R. D'ALESSIO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

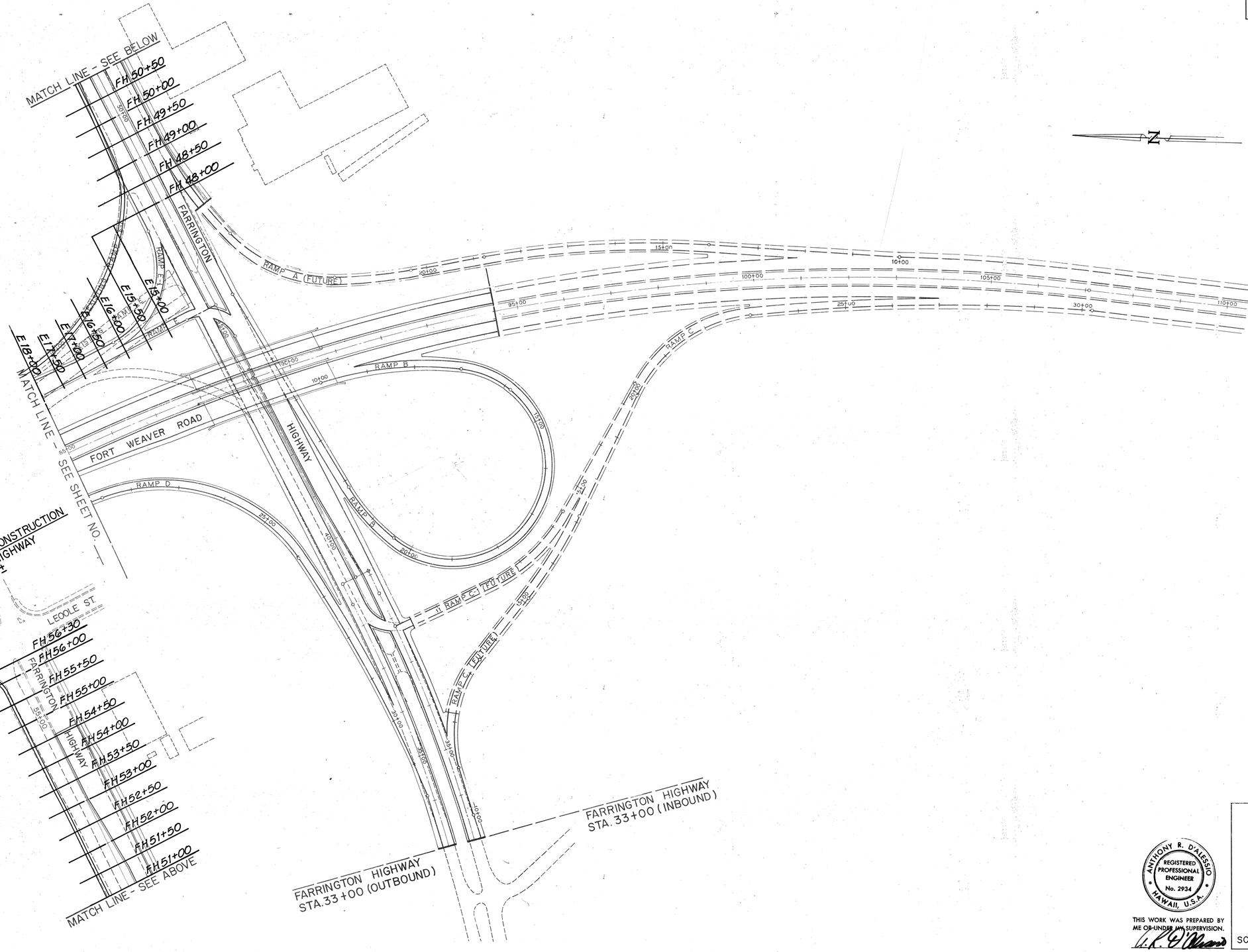
CROSS SECTION KEY

FORT WEAVER ROAD
VICINITY OF MANGO TREE ROAD
TO THE VICINITY OF RENTON ROAD

SCALE: 1" = 100' DATE: APRIL 1982

SHEET No. 1 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-01-82 S-RS-0760(2)	1982	121	163



ORIGINAL PLAN	SURVEY PLOTTED BY
	DRAWN BY
	TRACED BY
NOTE BOOK	DESIGNED BY
	QUANTITIES BY
No.	CHECKED BY
	DATE

ANTHONY R. D'ALESSIO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CROSS SECTION KEY

FORT WEAVER ROAD
VICINITY OF MANGO TREE ROAD
TO THE VICINITY OF RENTON ROAD

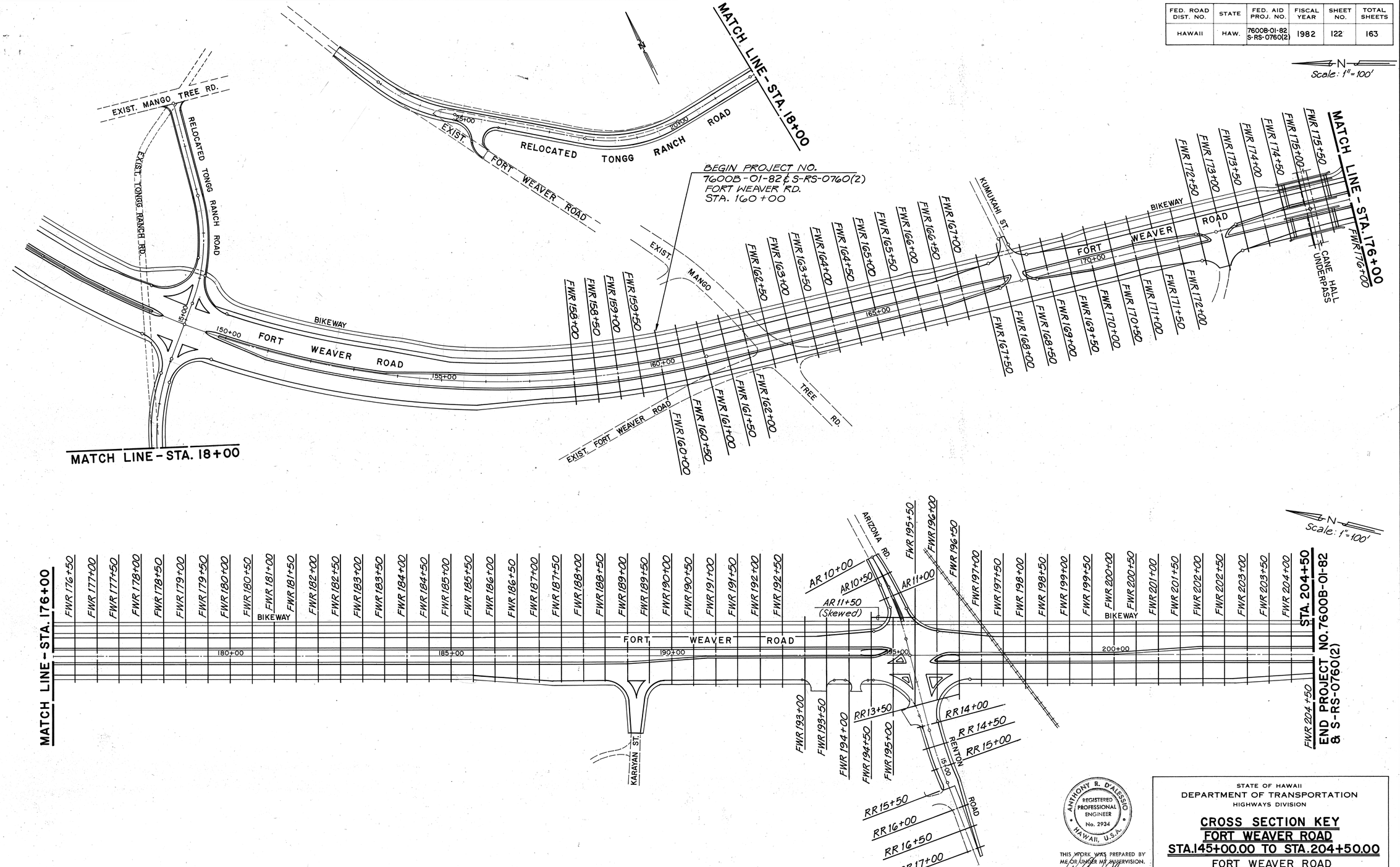
SCALE: 1" = 100' DATE: APRIL 1982

SHEET No. 2 OF 3 SHEETS

121

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-01-82 S-RS-0760(2)	1982	122	163

N
Scale: 1"=100'



ORIGINAL PLAN	SURVEY PLOTTED BY / DRAWN BY / TRACED BY / DESIGNED BY / QUANTITIES BY / CHECKED BY / DATE
NOTE BOOK	
No.	

ANTHONY R. D'ALESSIO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CROSS SECTION KEY
FORT WEAVER ROAD
STA.145+00.00 TO STA.204+50.00

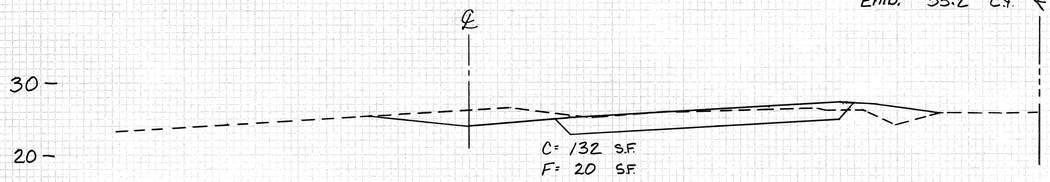
FORT WEAVER ROAD
VICINITY OF MANGO TREE ROAD
TO THE VICINITY OF RENTON ROAD

SCALE : 1"= 100' DATE: APRIL 1982

SHEET No. 3 OF 3 SHEETS

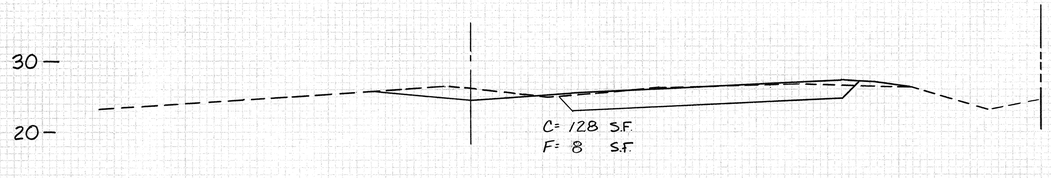
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-01-82 S-RS-0760(2)	1982	C0122 S-1	163

Exc. = 245.4 C.Y.
Emb. = 35.2 C.Y.



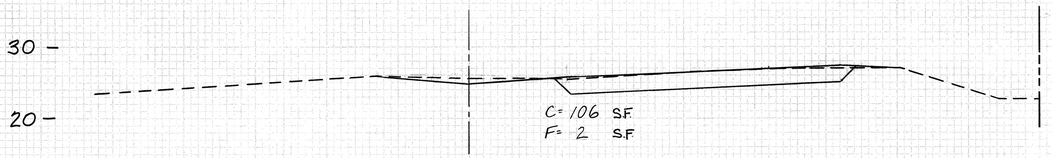
Exc. = 240.7 C.Y.
Emb. = 25.9 C.Y.

160+00



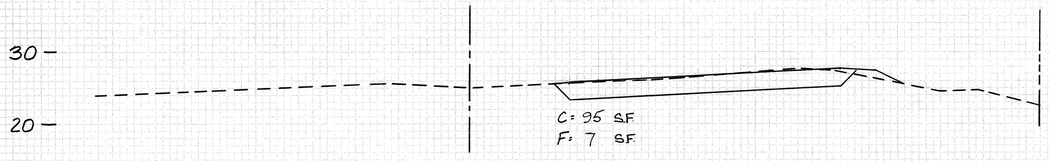
Exc. = 216.7 C.Y.
Emb. = 9.3 C.Y.

159+50



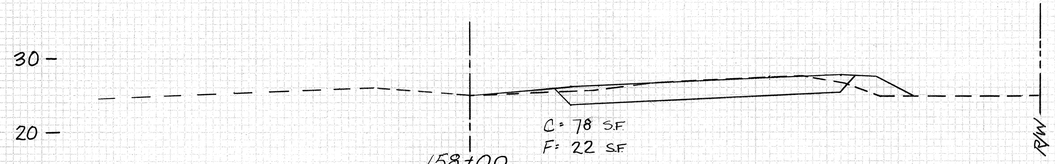
Exc. = 186.1 C.Y.
Emb. = 8.3 C.Y.

159+00

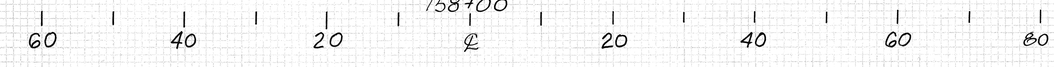


Exc. = 160.2 C.Y.
Emb. = 26.8 C.Y.

158+50



158+00

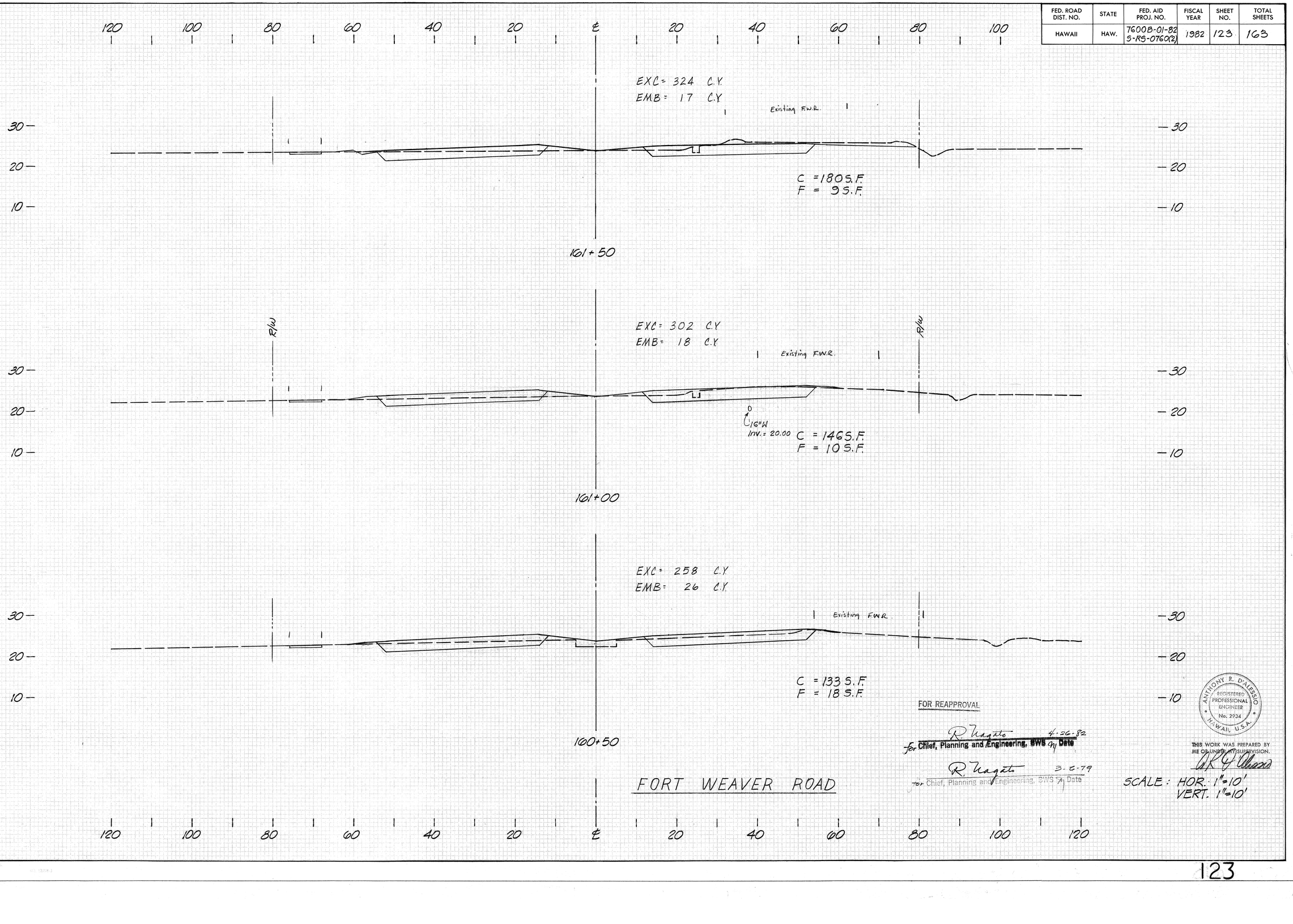


FORT WEAVER ROAD

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

C0122 S-1

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-01-82 S-RS-0760(2)	1982	123	163



FOR REAPPROVAL

R Nagata 4-26-82
for Chief, Planning and Engineering, BWS 4/1 Date

R Nagata 3-6-79
for Chief, Planning and Engineering, BWS 4/1 Date

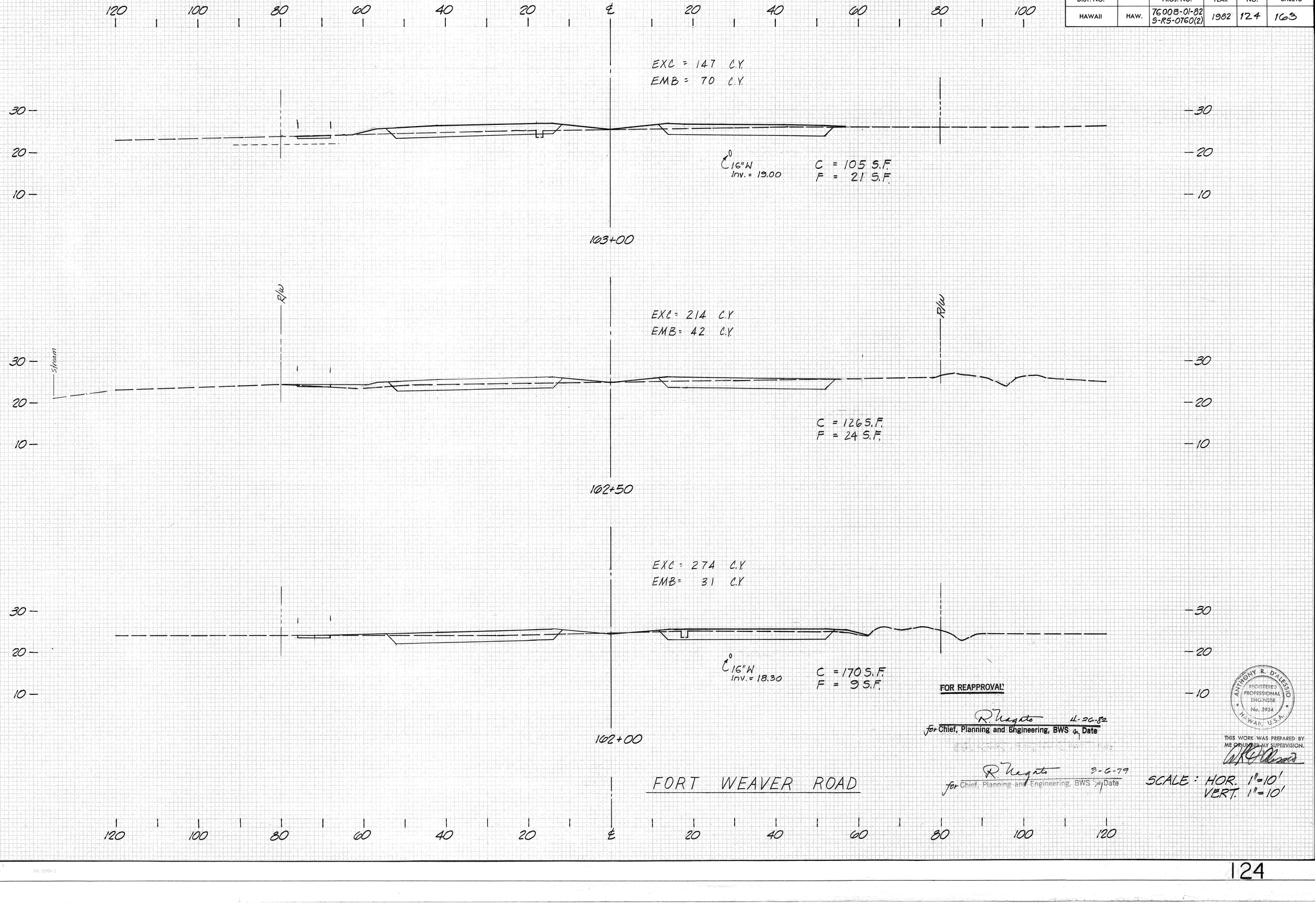
ANTHONY R. D'ALESSIO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

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

123

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	76008-01-82 S-RS-0760(2)	1982	124	163



FOR REAPPROVAL

R Meyata 4-26-82
for Chief, Planning and Engineering, BWS Date

R Meyata 3-6-79
for Chief, Planning and Engineering, BWS Date

ANTHONY R. D'ALESSIO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

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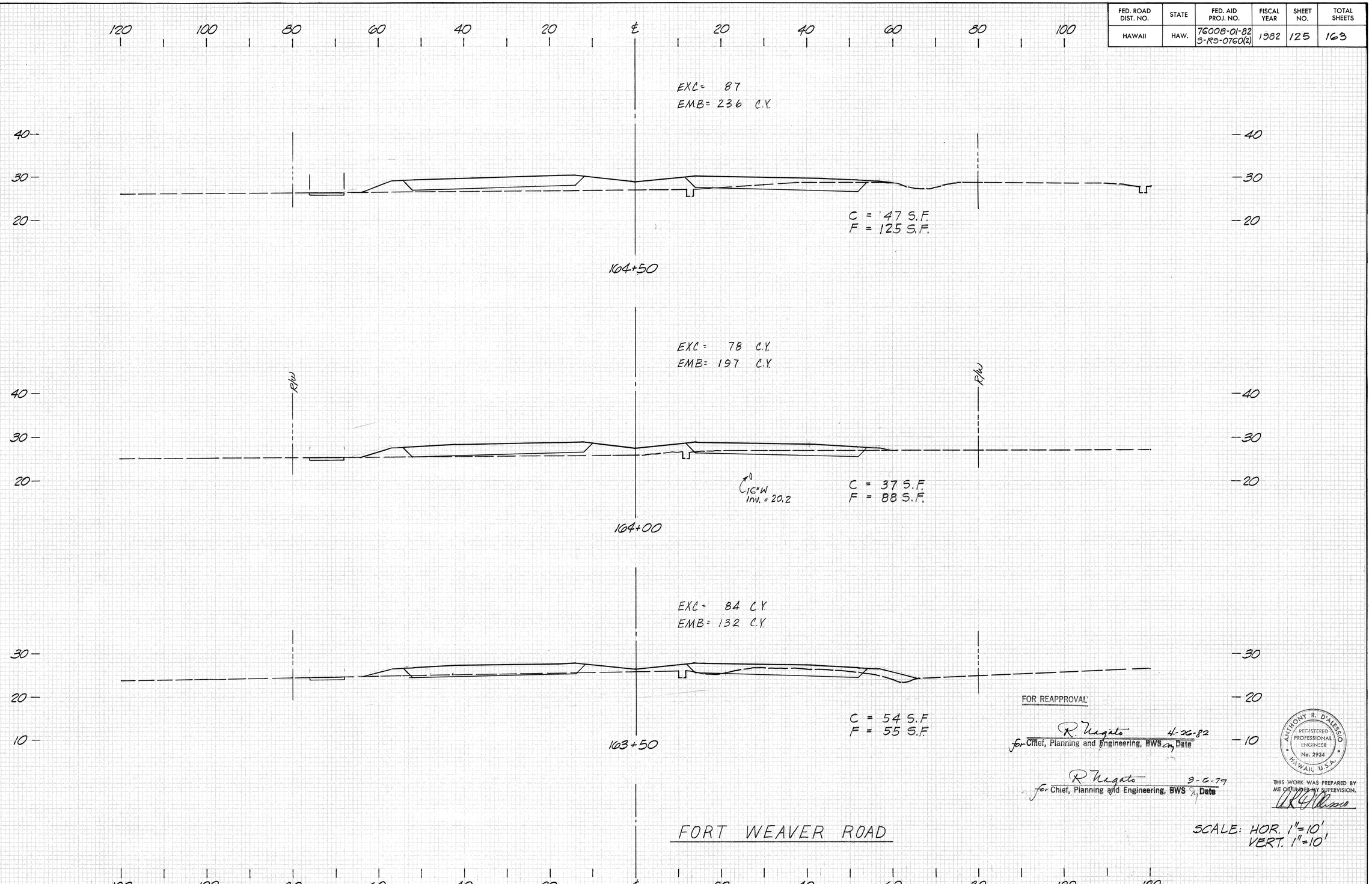
SCALE: HOR. 1"=10'
VERT. 1"=10'

FINAL SURVEY — ORIGINAL SURVEY
SURVEYED / PLOTTED / TEMPLATE / AREAS / CROSS CHECKED
NOTE BOOK
NO.
BY
DATE

PLATE 3 CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S.F. CAL. NO. 1009H-3

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	76008-01-82 S-R9-0760(2)	1982	125	163



FOR REAPPROVAL

R. Nagato 4-20-82
for Chief, Planning and Engineering, BWS Date

R Nagato 3-C-79
for Chief, Planning and Engineering, BWS Date

ANTHONY R. D'ALESSIO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

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A R D'Alessio

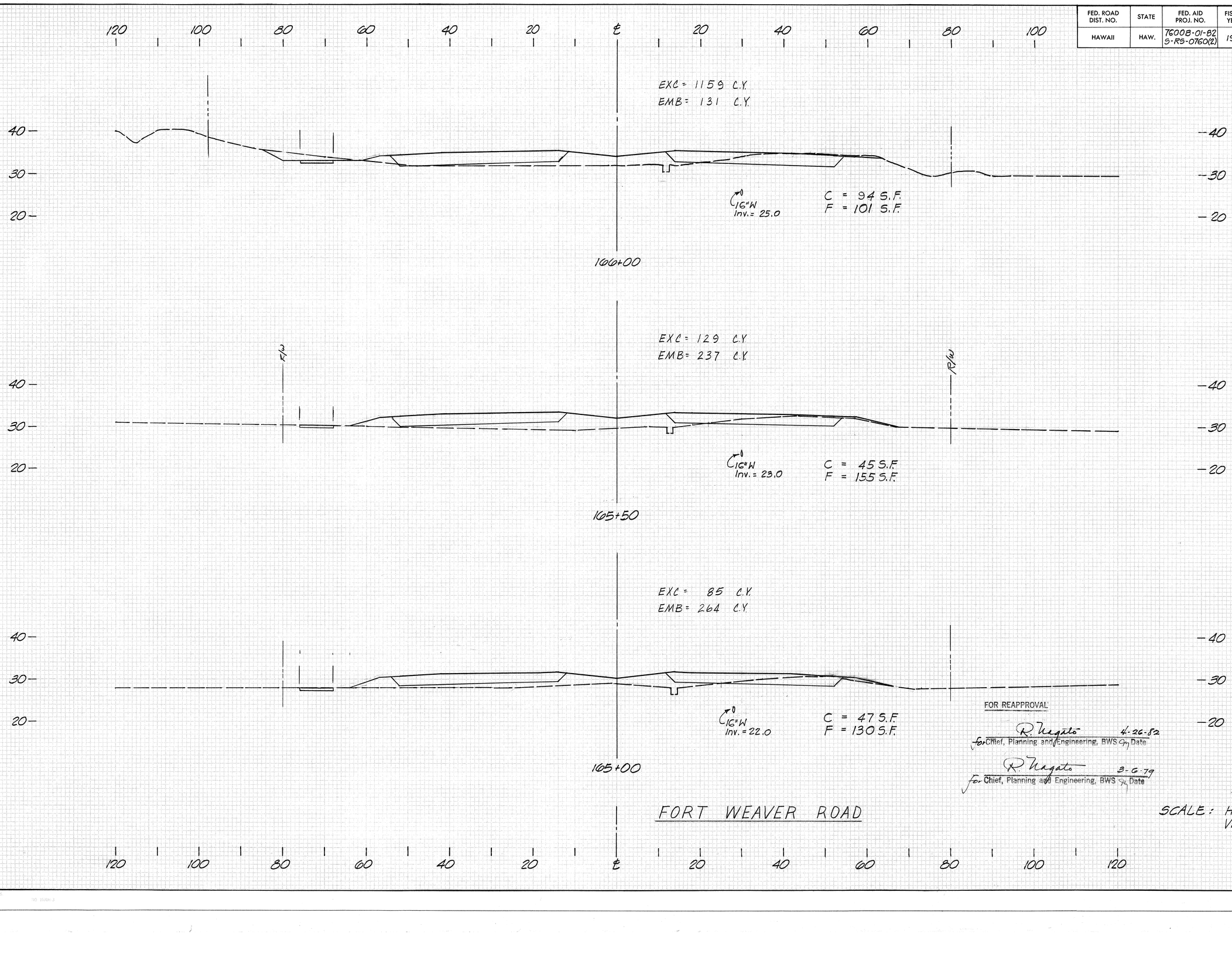
FORT WEAVER ROAD

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

FINAL SURVEY — ORIGINAL SURVEY
SURVEYED / PLOTTED / TEMPLATE / AREAS / QUANTITIES CHECKED
NOTE BOOKS
NO. DATE BY

PLATE 3 - CROSS SECTION, F.A.P.
CLEARPRINT PAPER CO., S. F. CAL. NO. 1000H-3

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	76008-01-82 S-RS-0760(2)	1982	126	163



FOR REAPPROVAL

R. Nagato 4-26-82
for Chief, Planning and Engineering, BWS Date

R. Nagato 3-6-79
for Chief, Planning and Engineering, BWS Date

ANTHONY R. D'ALESSO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
A R D'Alesso

FORT WEAVER ROAD

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

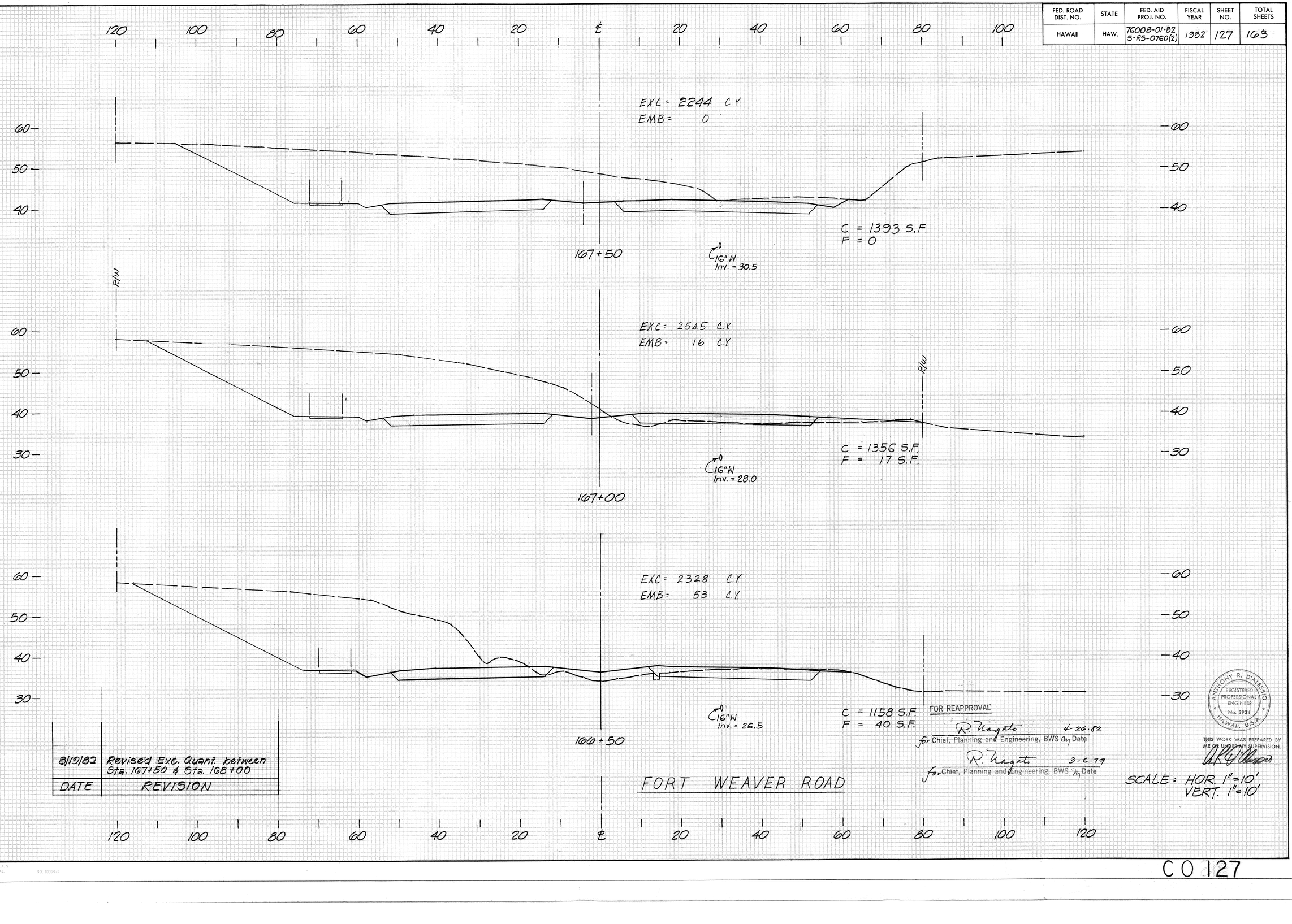
126

FINAL SURVEY — SURVEYED, PLOTTED, TEMPLATE, AREAS, NOTE BOOK, AREAS CHECKED, DATE, BY

ORIGINAL SURVEY — SURVEYED, PLOTTED, TEMPLATE, AREAS, NOTE BOOK, AREAS CHECKED, DATE, BY

PLATE 3 CROSS SECTION, F.A.P.
CLEARPRINT PAPER CO., S.F. CAL.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-01-82 S-RS-0760(2)	1982	127	163



DATE	REVISION
8/19/82	Revised Exc. Quant. between Sta. 167+50 & Sta. 168+00

FOR REAPPROVAL

R. Nagato 4-26-82
for Chief, Planning and Engineering, BWS By Date

R. Nagato 3-6-79
for Chief, Planning and Engineering, BWS By Date

ANTHONY R. D'ALESSIO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

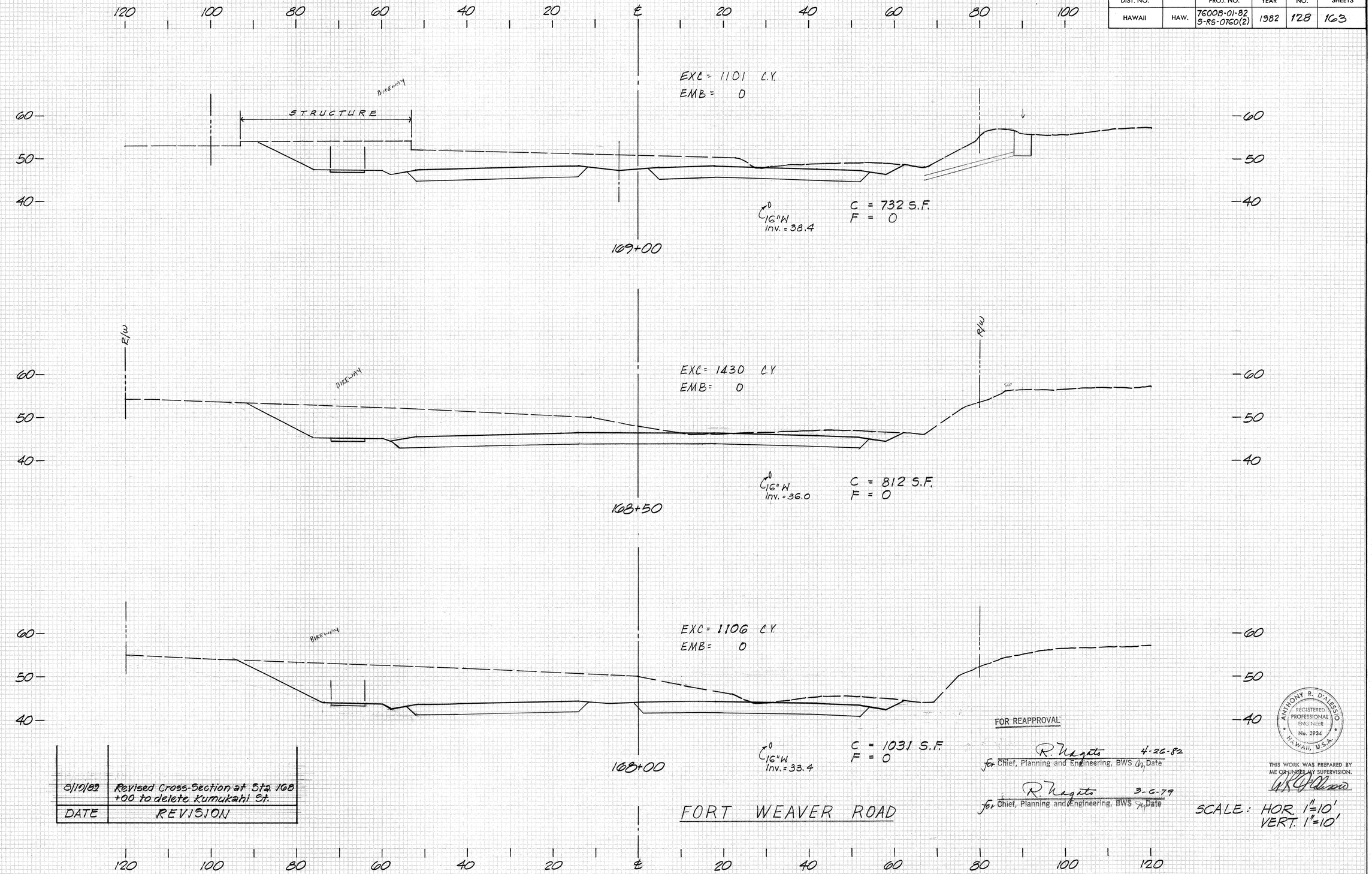
SCALE: HOR. 1"=10'
VERT. 1"=10'

C 0 127

PLATE 3-CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S. F. CAL. NO. 1000M-3

127

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	76008-01-82 S-RS-0760(2)	1982	128	163



DATE	REVISION
5/10/82	Revised Cross-Section at Sta. 168 +00 to delete Kumukahi St.

FORT WEAVER ROAD

FOR REAPPROVAL

R. Nagata 4-26-82
for Chief, Planning and Engineering, BWS — Date

R. Nagata 3-6-79
for Chief, Planning and Engineering, BWS — Date

ANTHONY R. D'ALESSIO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

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

FINAL SURVEY: SURVEYED, DRAWN, TEMPLATE, AREAS, CHECKED, DATE, BY, ROUTE, BOOKS, NO.

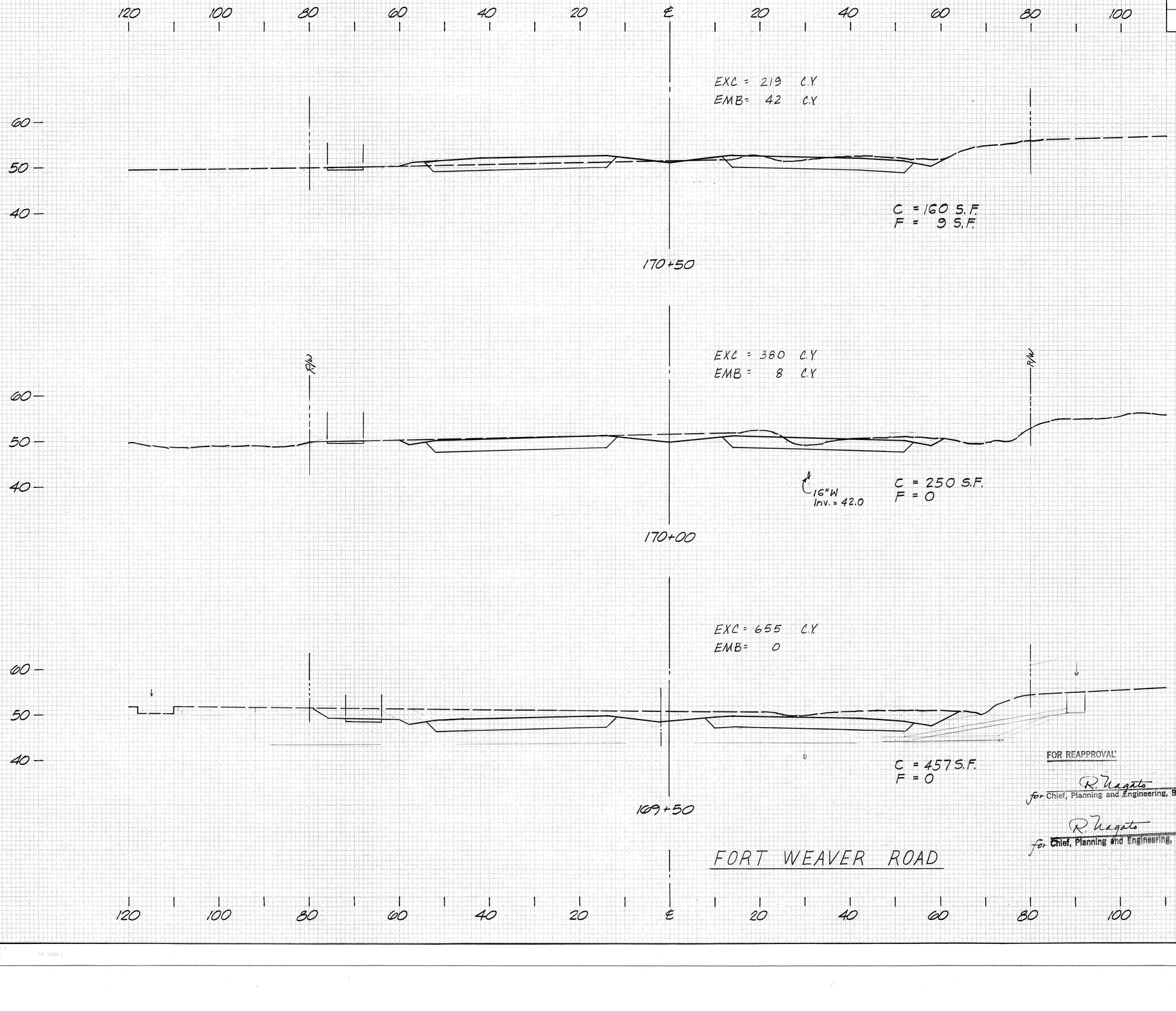
ORIGINAL SURVEY: SURVEYED, DRAWN, TEMPLATE, AREAS, CHECKED, DATE, BY, ROUTE, BOOKS, NO.

PLATE 3 - CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S. F., CAL. NO. 1000H-3

C0128

128

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600 B-01-82 S-RS-0760(2)	1982	129	163



FOR REAPPROVAL

R. Nagato 4-26-82
for Chief, Planning and Engineering, BWS by Date

R. Nagato 3-6-79
for Chief, Planning and Engineering, BWS by Date

ANTHONY R. D'ALESSO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

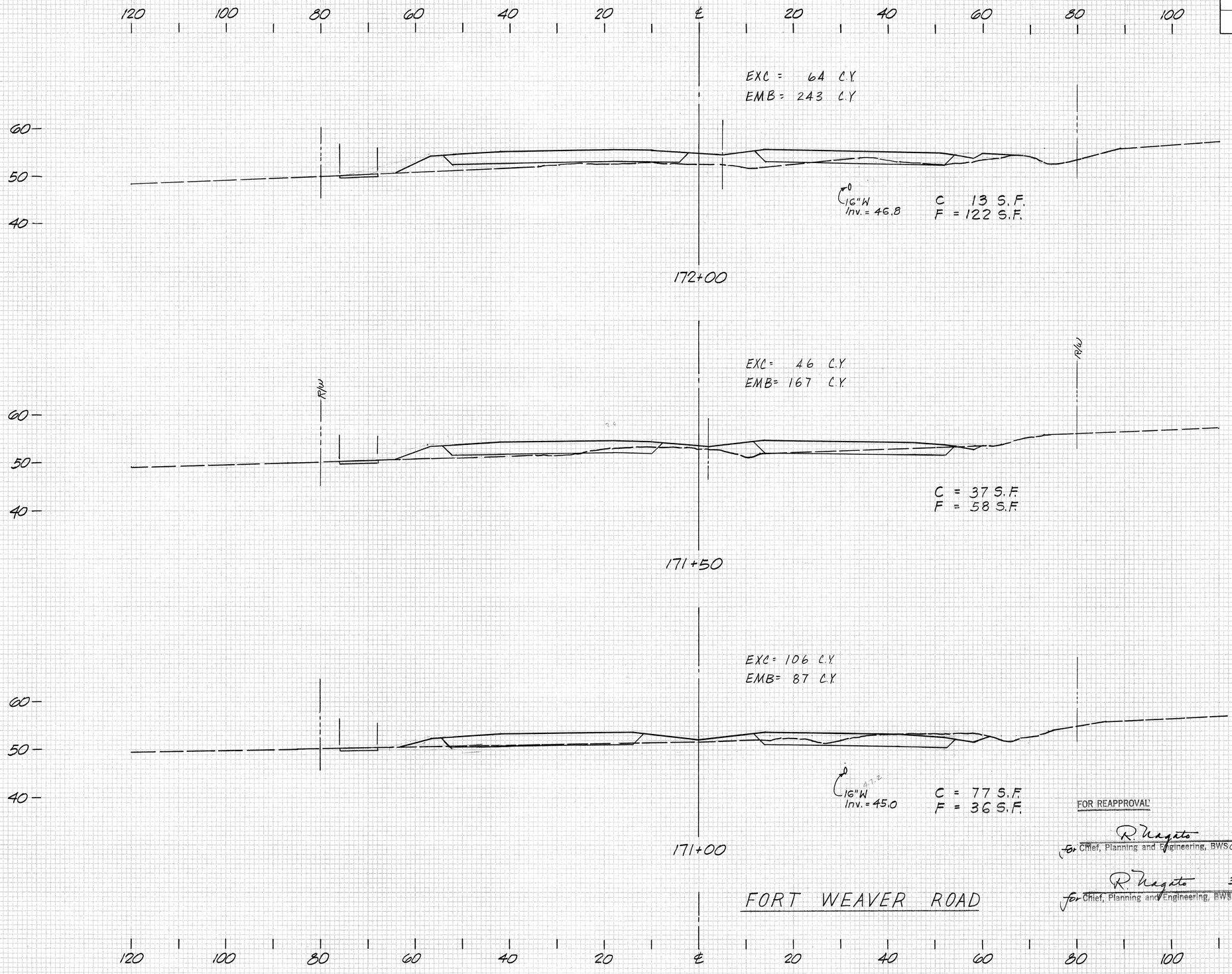
SCALE: HOR. 1"=10'
VERT. 1"=10'

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

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

PLATE 3 - CROSS SECTION, F.A.P.
CLEARPRINT PAPER CO., S. F. CAL. NO. 1000H-3

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-01-82 S-RS-0760(2)	1982	130	163



FOR REAPPROVAL

R. Nagata 4-26-82
for Chief, Planning and Engineering, BWS Date

R. Nagata 3-6-79
for Chief, Planning and Engineering, BWS Date

ANTHONY R. D'ALESSIO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

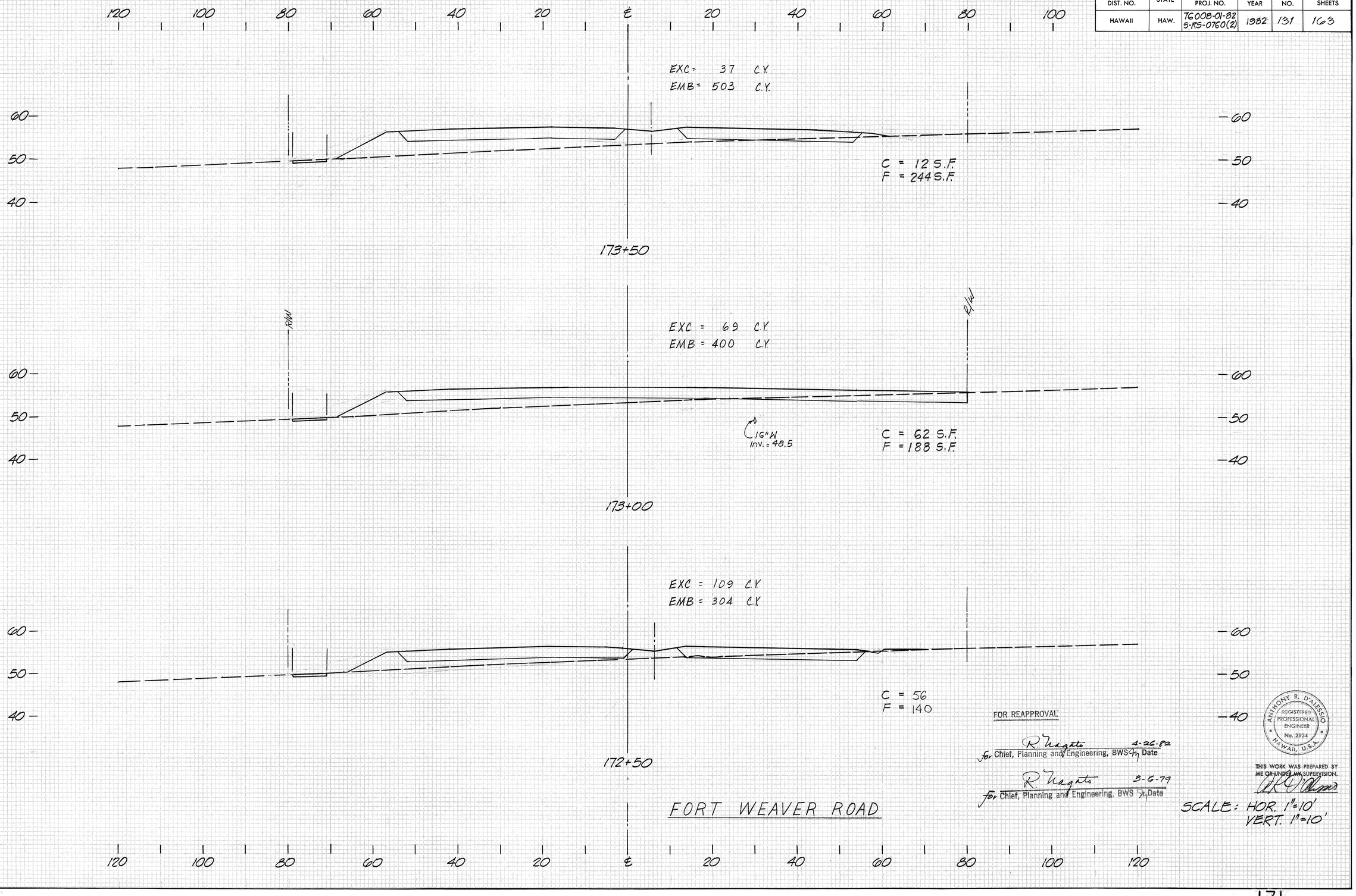
SCALE: HOR. 1"=10'
VERT. 1"=10'

FINAL SURVEY — SURVEYED, PLOTTED, TRACED, NOTE BOOK, NO., BY, DATE, AREAS, AREAS CHECKED

ORIGINAL SURVEY — SURVEYED, PLOTTED, TRACED, NOTE BOOK, NO., BY, DATE, AREAS, AREAS CHECKED

PLATE 3 - CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S. F. CAL. NO. 1000N-3

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	76008-01-82 S-RS-0760(2)	1982	131	163



FOR REAPPROVAL

R. Nagata 4-26-82
for Chief, Planning and Engineering, BWS Date

R. Nagata 3-6-79
for Chief, Planning and Engineering, BWS Date

ANTHONY R. D'ALESSIO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

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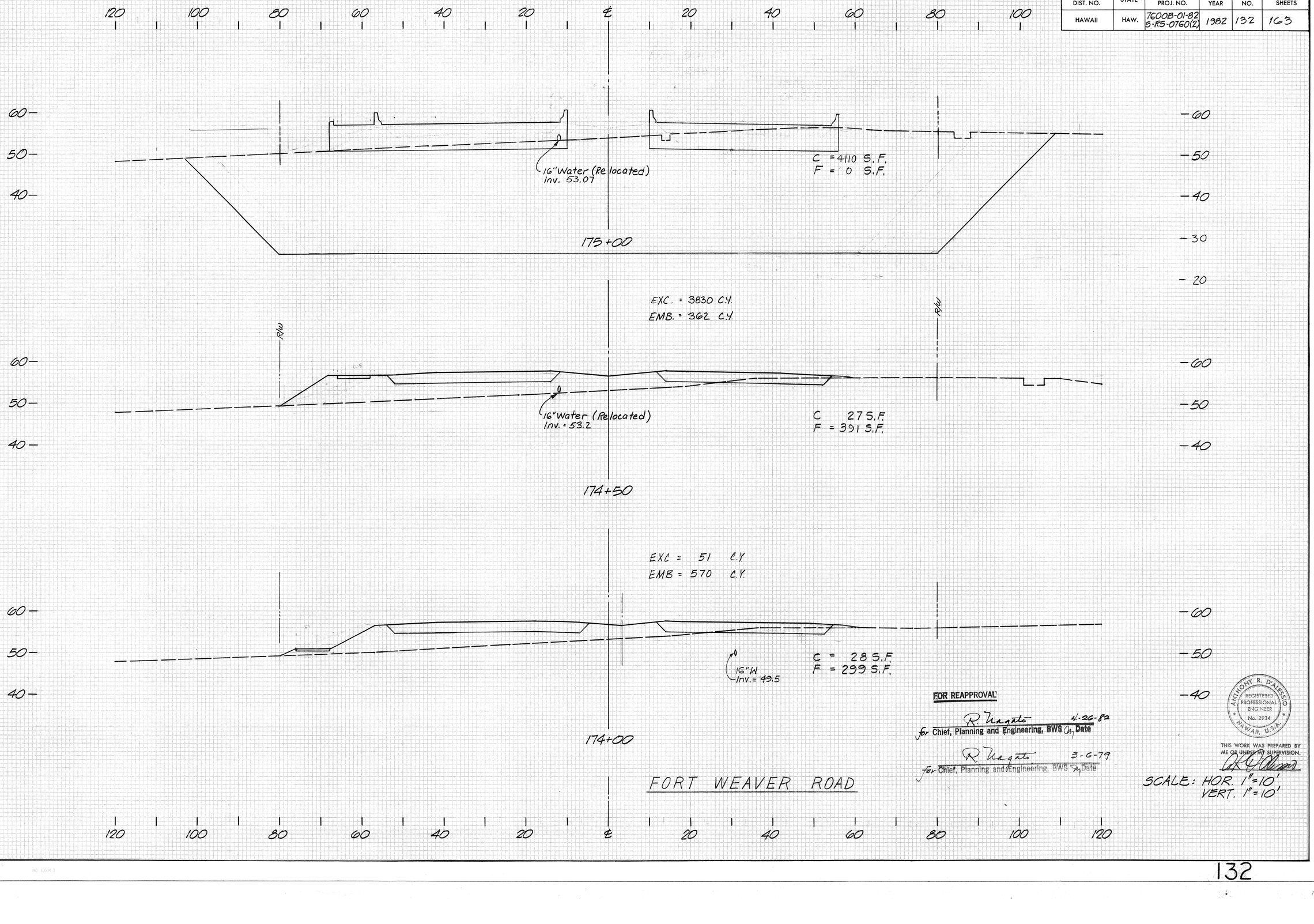
SCALE: HOR. 1"=10'
VERT. 1"=10'

PLATE 3 CROSS SECTIONS F.A.S.
CLEARPRINT PAPER CO., S. F. CAL. NO. 1020H-3

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-01-82 S-RS-0760(2)	1982	132	163



FOR REAPPROVAL

R. Nagato 4-26-82
for Chief, Planning and Engineering, BWS Dig Date

R. Nagato 3-6-79
for Chief, Planning and Engineering, BWS Sty Date

ANTHONY R. D'ALESSIO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

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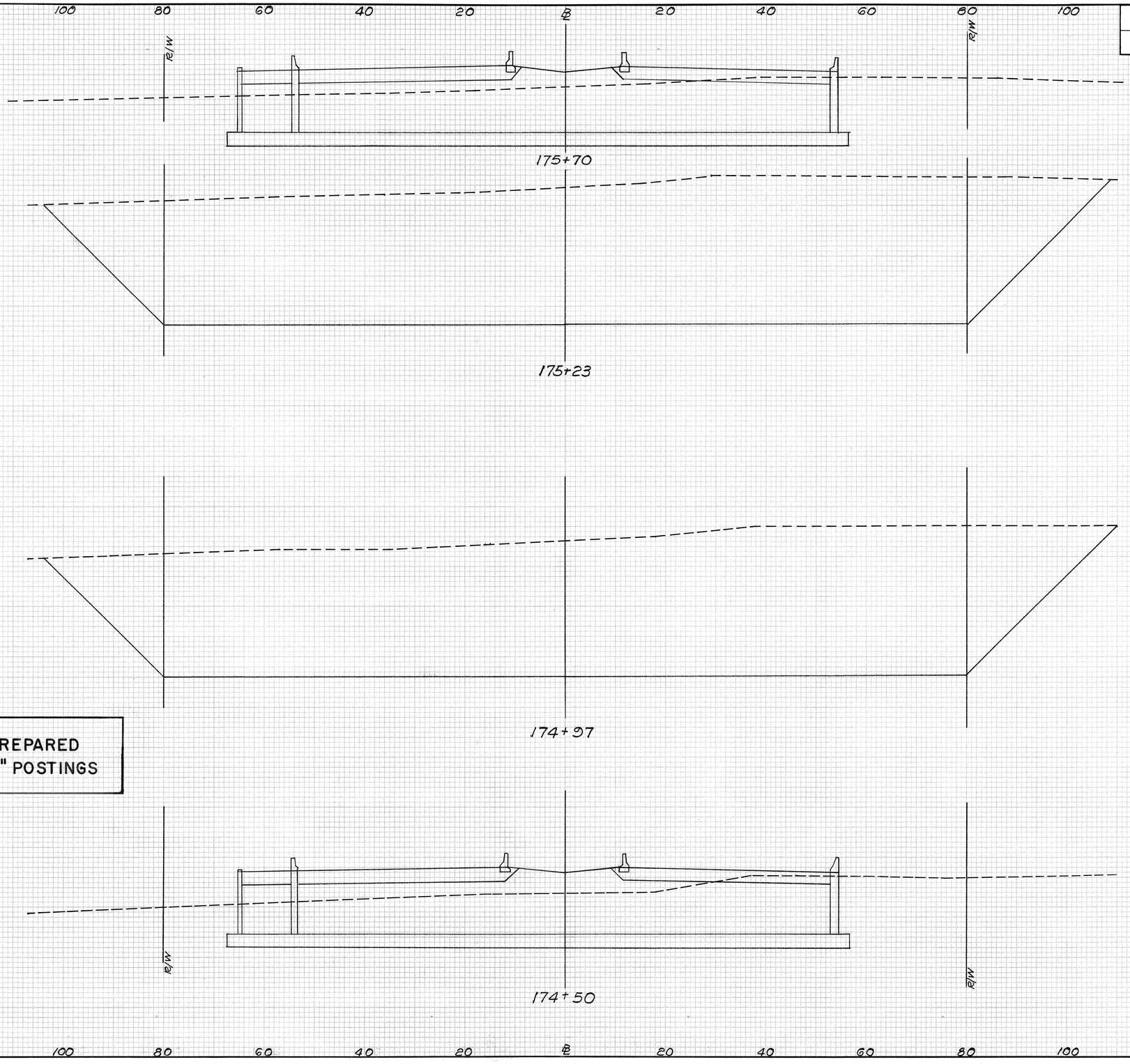
SCALE: HOR. 1"=10'
VERT. 1"=10'

PLATE 3 - CROSS SECTION K.A.L.
CLEARPRINT PAPER CO., S. F. CAL. NO. 1050H

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-02-82 S-RS-0760(2)			

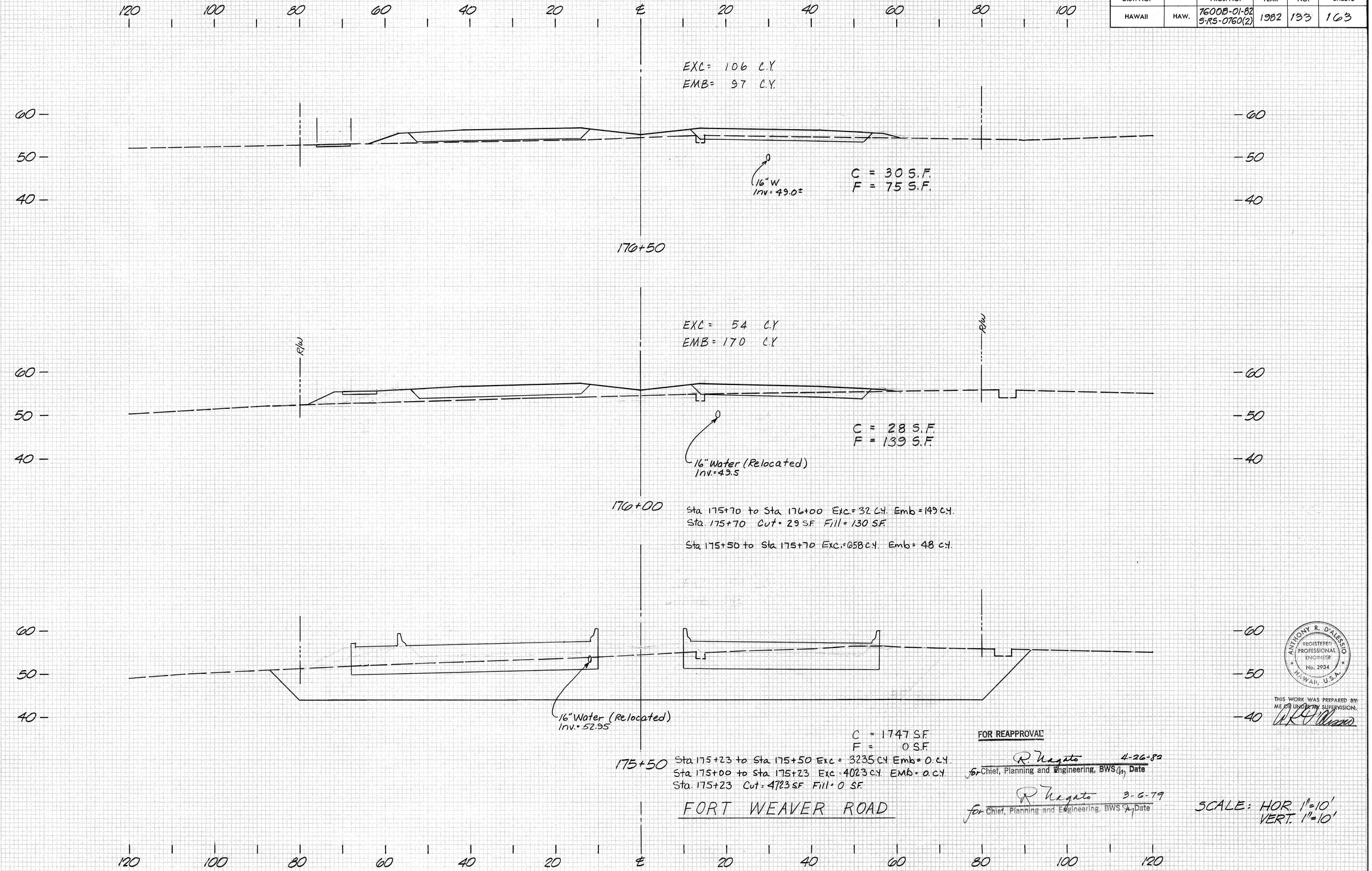


THIS TRACING PREPARED
DURING "AS-BUILT" POSTINGS

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

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-01-82 S:RS-0760(2)	1982	133	163



FOR REAPPROVAL

R Nagato 4-26-82
for Chief, Planning and Engineering, BWS Date

R Nagato 3-6-79
for Chief, Planning and Engineering, BWS Date

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

ANTHONY R. D'ALESSIO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
ARD'Alessio

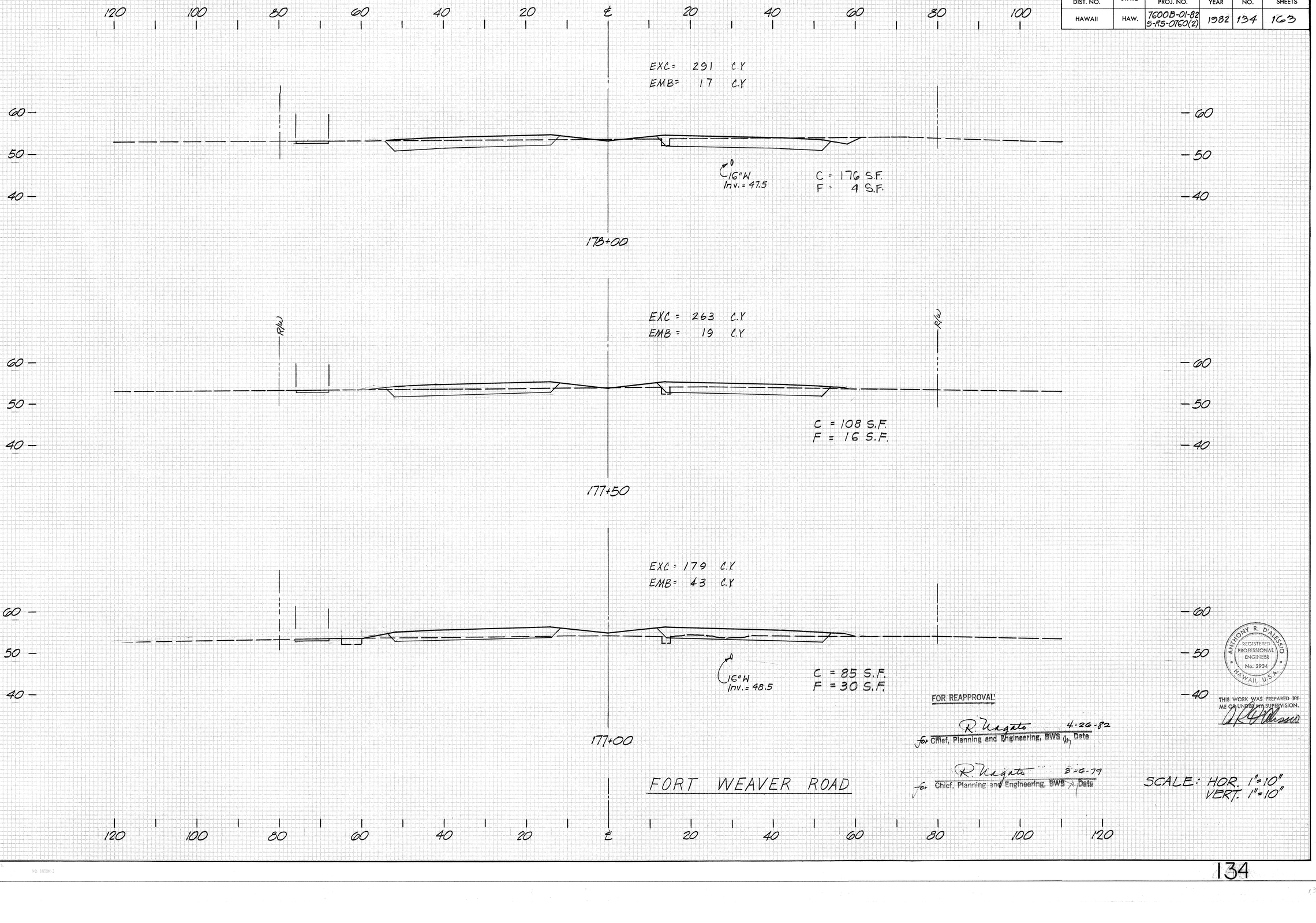
FINAL SURVEY: DATE, BY, SURVEYED, PLOTTED, TRIANGULATE, NOTE BOOK, AREAS, AREAS CHECKED, NO.

ORIGINAL SURVEY: DATE, BY, SURVEYED, PLOTTED, TRIANGULATE, NOTE BOOK, AREAS, AREAS CHECKED, NO.

PLATE 3. CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S. F. CAL. NO. 1010H-3

133

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-01-82 S-RS-0760(2)	1982	134	163



FORT WEAVER ROAD

FOR REAPPROVAL

R. Nagata 4-26-82
for Chief, Planning and Engineering, BWS (by) Date

R. Nagata 3-26-79
for Chief, Planning and Engineering, BWS Date

SCALE: HOR. 1"=10"
VERT. 1"=10"

ANTHONY R. D'ALESSIO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

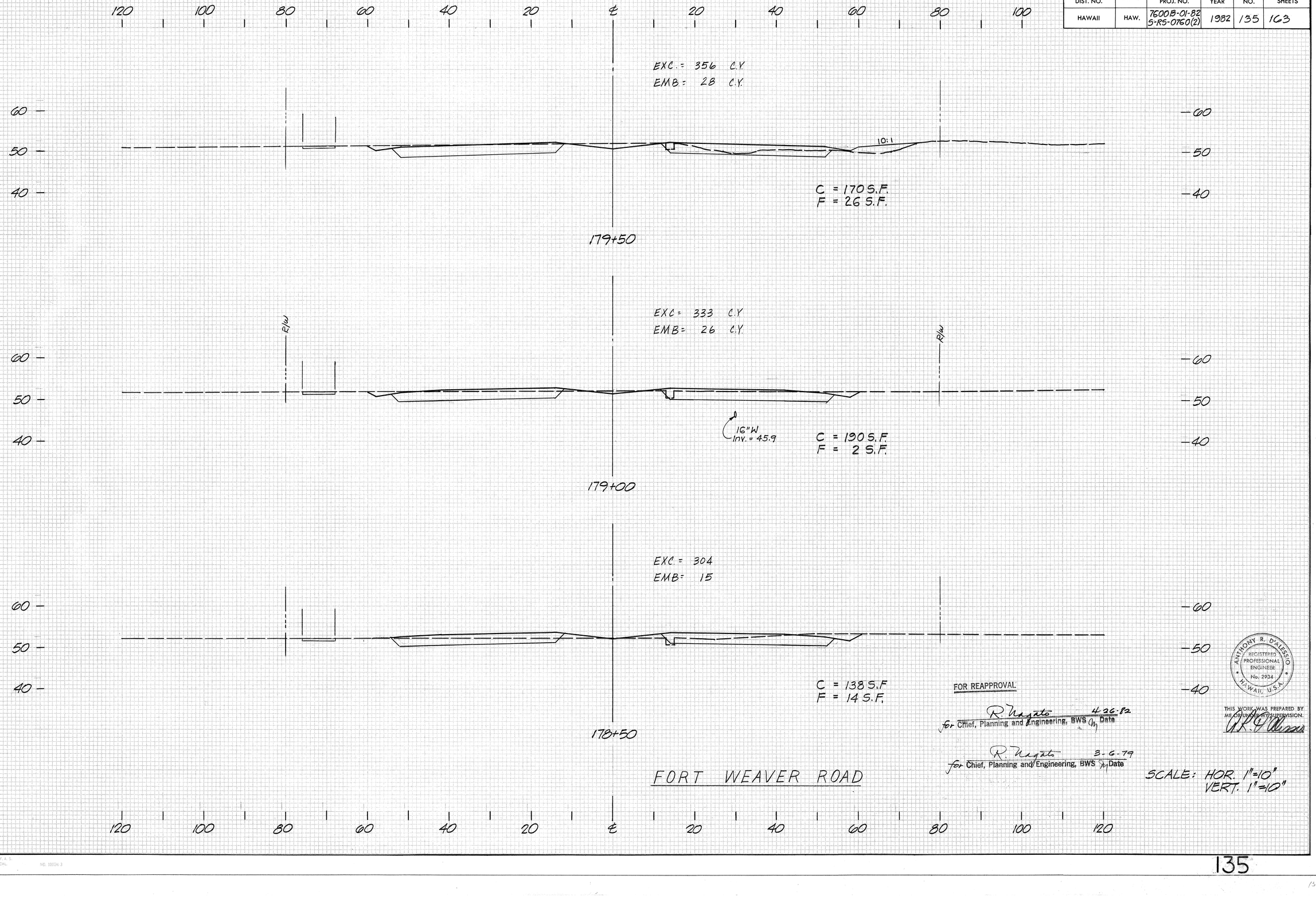
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

ORIGINAL SURVEY: SURVEYED, PLOTTED, FINAL, NOTE BOOK, AREAS, NO., DATE, BY, AREAS CHECKED

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

PLATE 3 - CROSS SECTION, F. A. S.
CLEARPRINT PAPER CO., S. F. CAL. NO. 1005H-3

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-01-82 S-RS-0760(2)	1982	135	163



FOR REAPPROVAL

R Negate 4-26-82
for Chief, Planning and Engineering, BWS Date

R Negate 3-6-79
for Chief, Planning and Engineering, BWS Date

ANTHONY R. D'ALESSIO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

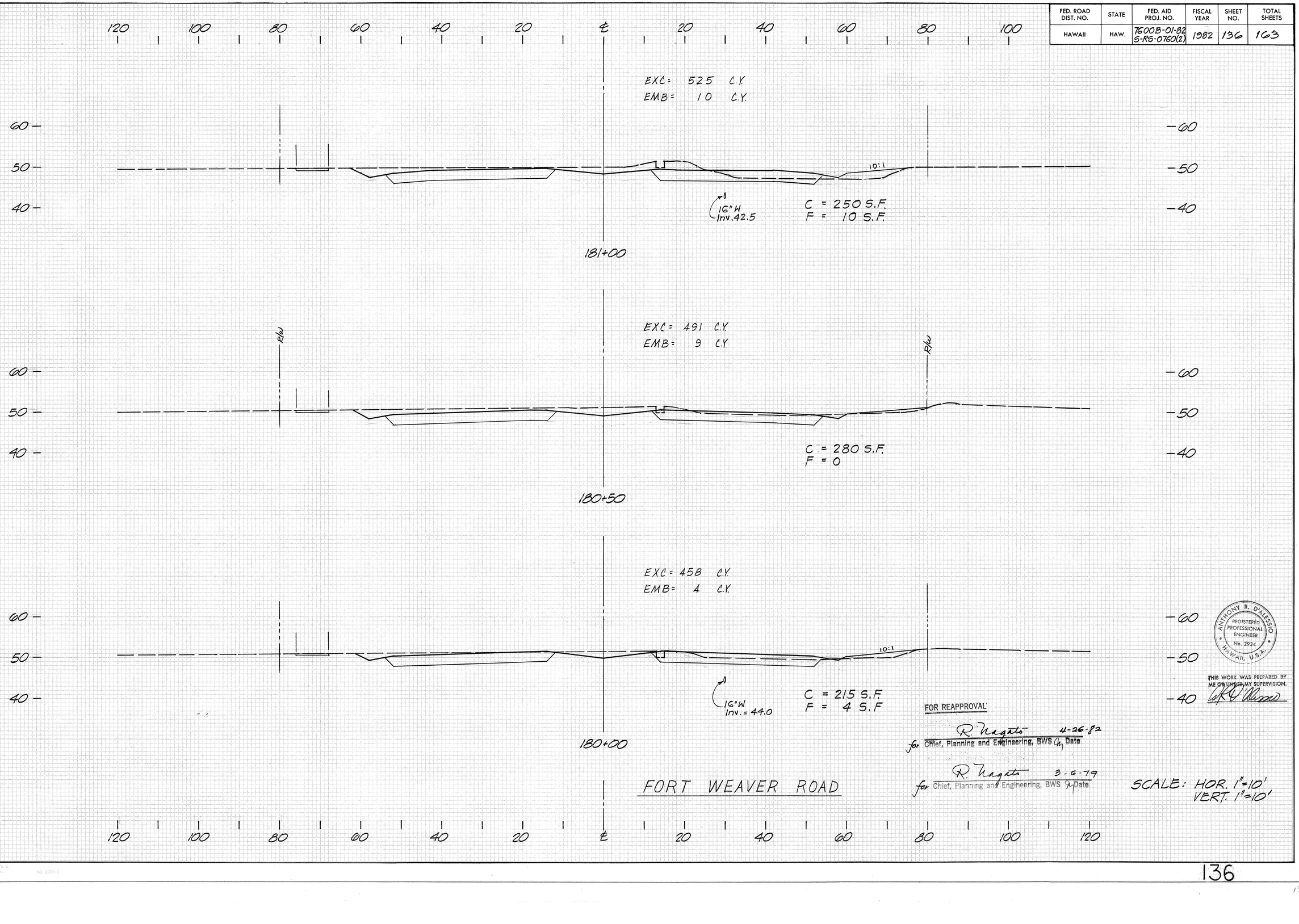
SCALE: HOR. 1"=10"
VERT. 1"=10"

FINAL SURVEY: SURVEYED, PLOTTED, TRACED, AREAS, AREAS CHECKED, NOTE BOOK, NO., BY, DATE

ORIGINAL SURVEY: SURVEYED, PLOTTED, TRACED, AREAS, AREAS CHECKED, NOTE BOOK, NO., BY, DATE

PLATE 3 - CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S. F. CAL. NO. 10024-3

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-01-82 S-RS-0760(2)	1982	136	163



FOR REAPPROVAL

R. Nagata 4-26-82
for Chief, Planning and Engineering, BWS Date

R. Nagata 3-6-79
for Chief, Planning and Engineering, BWS Date

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

ANTHONY R. D'ALESSIO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

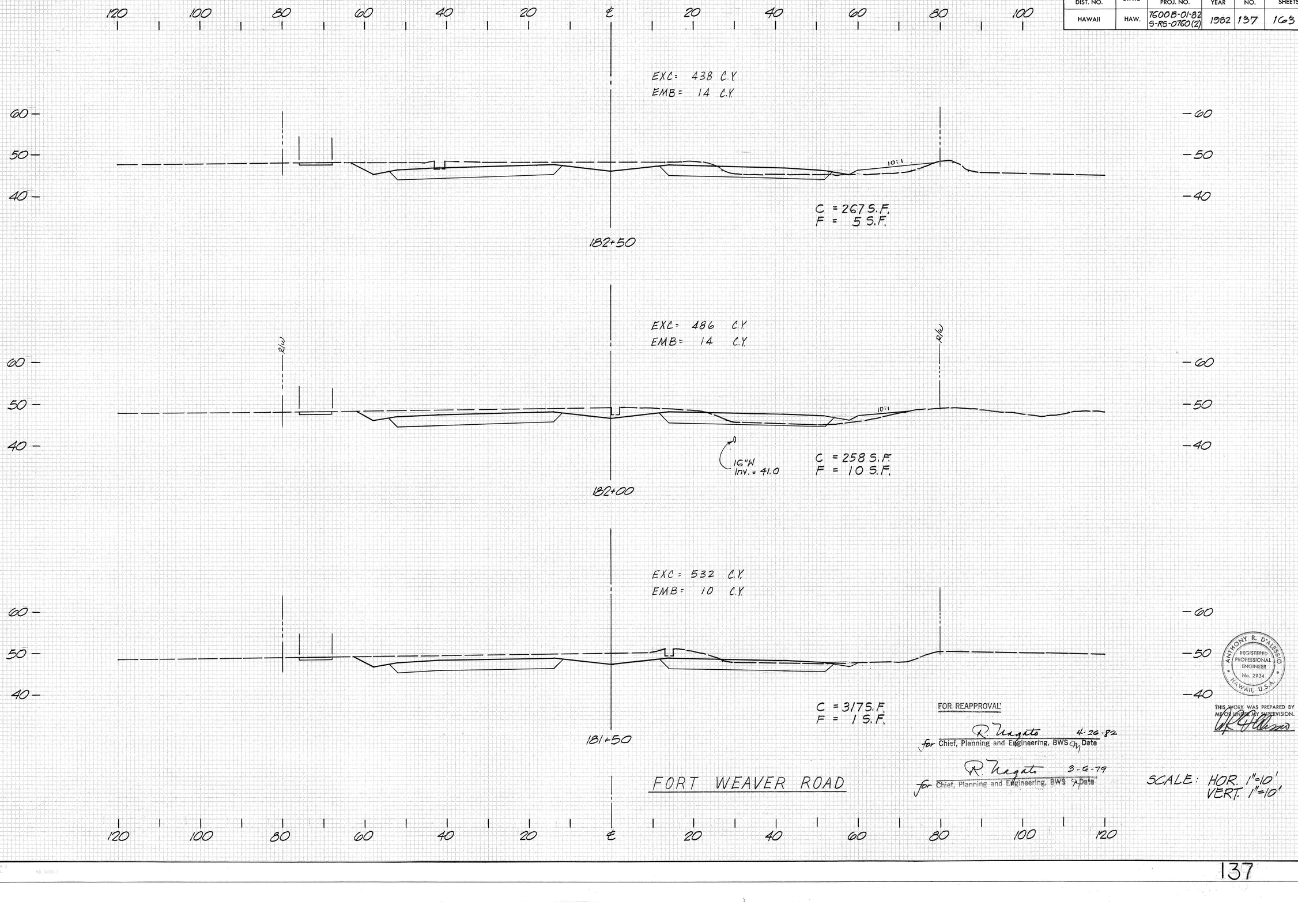
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

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

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

PLATE 3 - CROSS SECTION, F.W.S.
CLEARPRINT PAPER CO., S. F. CAL. NO. 1000H-3

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	76008-01-82 S-RS-0760(2)	1982	137	163



FOR REAPPROVAL

R. Negate 4-26-82
for Chief, Planning and Engineering, BWS By Date

R. Negate 3-6-79
for Chief, Planning and Engineering, BWS By Date

ANTHONY R. D'ALESSIO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

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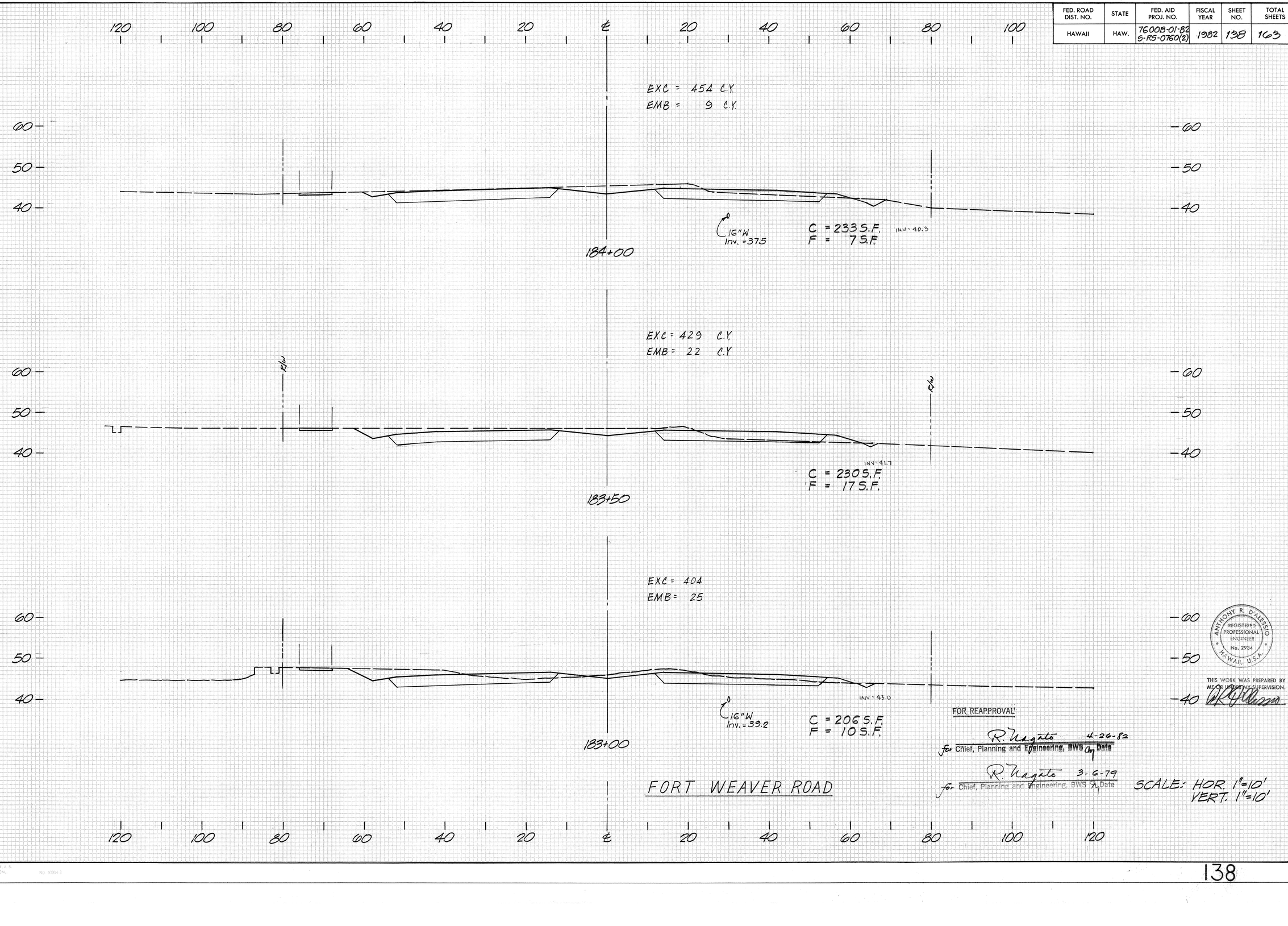
SCALE: HOR. 1"=10'
VERT. 1"=10'

PLATE 3 - CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S. F. CAL. NO. 1000-3

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	76008-01-82 S-RS-0760(2)	1982	138	163



FINAL SURVEY — SURVEYED, PLOTTED, TRIANGLE, NOTE BOOK, AREAS, MD., AREAS CHECKED, BY, DATE

ORIGINAL SURVEY — SURVEYED, PLOTTED, TRIANGLE, NOTE BOOK, AREAS, MD., AREAS CHECKED, BY, DATE

ANTHONY R. D'ALESSIO REGISTERED PROFESSIONAL ENGINEER No. 2934 HAWAII, U.S.A.

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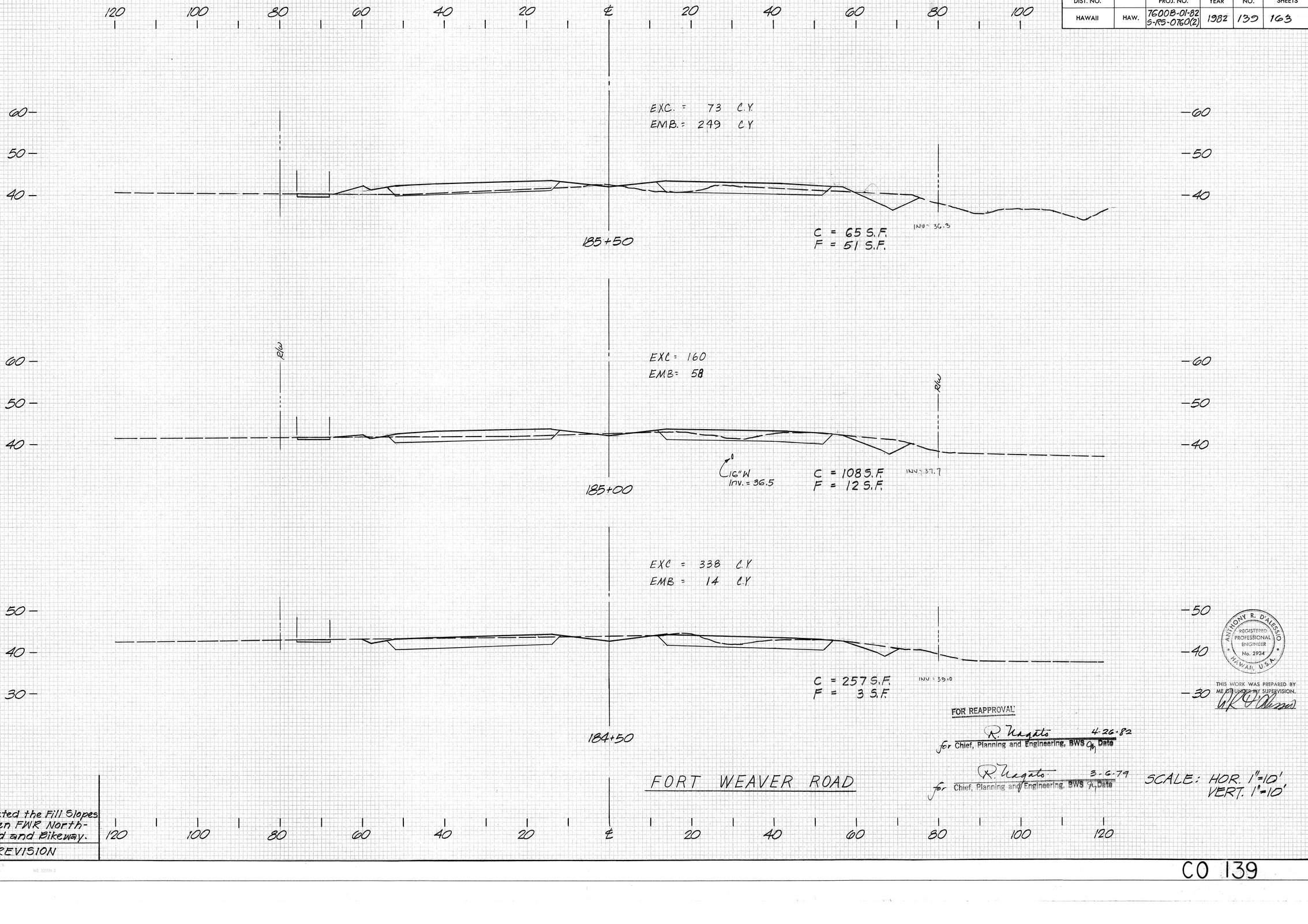
PLATE 3 CROSS SECTION F.A.S. CLEARPRINT PAPER CO., S. F. CAL. NO. 1000H-3

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-01-82 S-RS-0760(2)	1982	139	163



FORT WEAVER ROAD

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

FOR REAPPROVAL

R Nagato 4-26-82
for Chief, Planning and Engineering, BWS Date

R Nagato 3-6-79
for Chief, Planning and Engineering, BWS Date

ANTHONY R. D'ALESSIO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

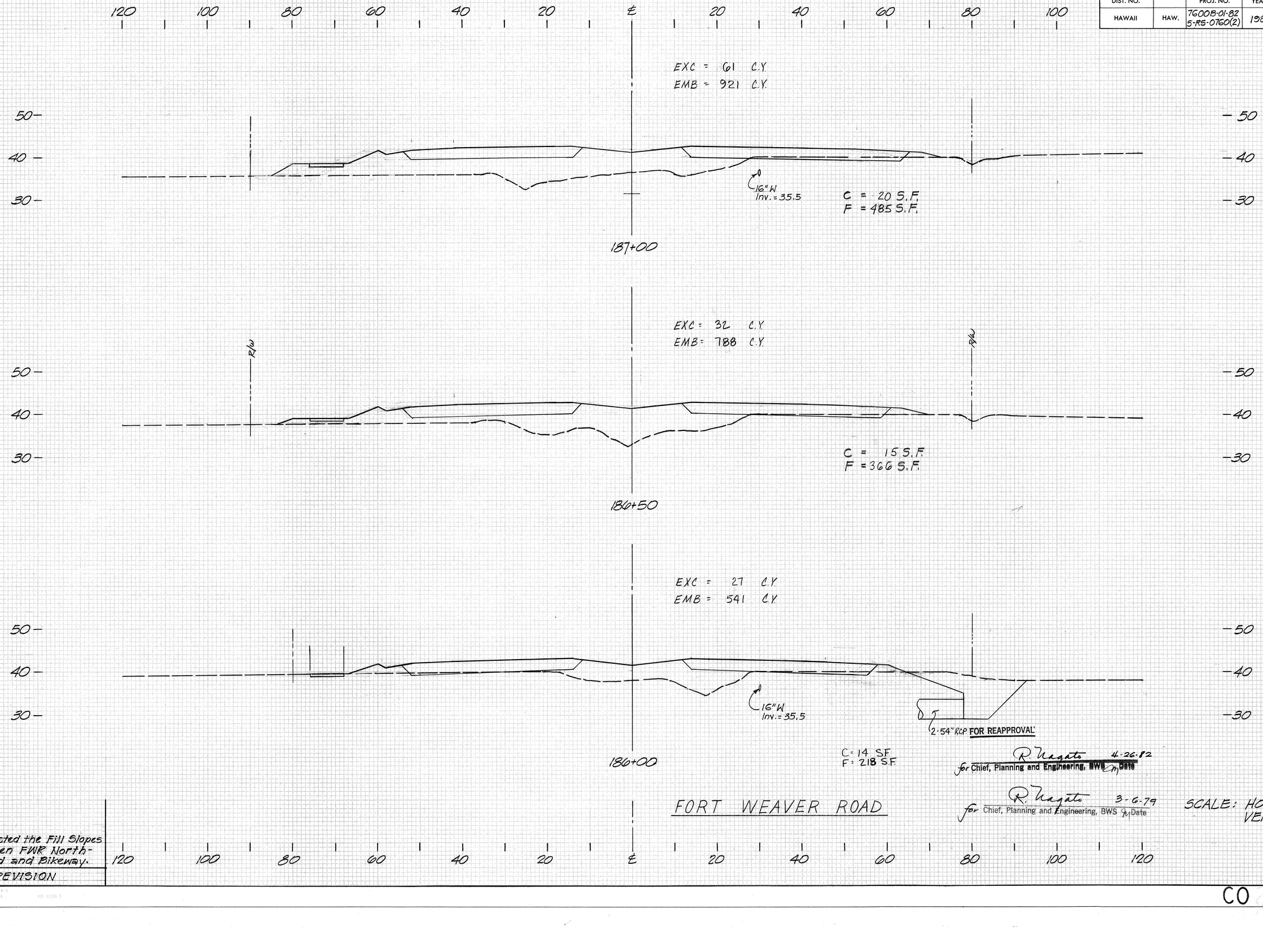
DATE	REVISION
12/20/82	Corrected the Fill Slopes between FWR Northbound and Bikeway.

PLATE 3 CROSS SECTIONS, F.A.S.
CLEARPRINT PAPER CO., S. F. CAL. NO. 1009H-3

CO 139

139

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	76008-01-82 S-RS-0760(2)	1982	140	163



FOR REAPPROVAL

R. Nagato 4-26-82
for Chief, Planning and Engineering, BWS Date

R. Nagato 3-6-79
for Chief, Planning and Engineering, BWS Date

ANTHONY R. D'ANESSO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

FORT WEAVER ROAD

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

DATE	REVISION
12/20/82	Corrected the Fill Slopes between FWR Northbound and Bikeway.

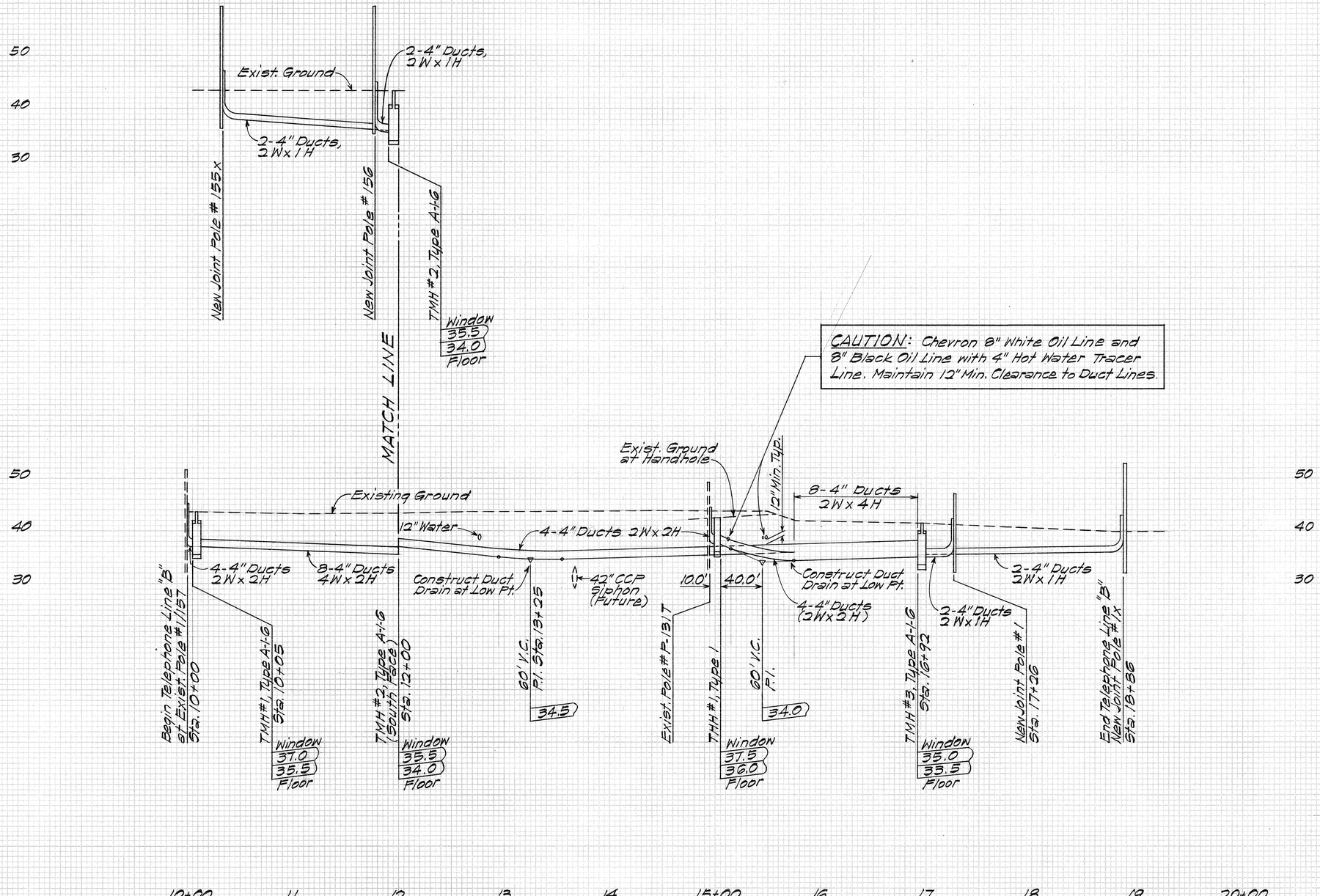
FINAL SURVEY: SURVEYED, PLOTTED, TRACED, NOTE BOOK, NO., DATE, BY, AREAS, AREAS CHECKED

ORIGINAL SURVEY: SURVEYED, PLOTTED, TRACED, NOTE BOOK, NO., DATE, BY, AREAS, AREAS CHECKED

PLATE 3 - CROSS SECTION, F. A. S.
CLEARPRINT PAPER CO., S. F. CAL. NO. 1008-3

CO 140

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	M-7600(2)	1982	CO 140 S-1	244



PROFILE ~ TELEPHONE LINE "B"

Scale: Horiz. 1" = 50'
Vert. 1" = 10'

APPROVED:

R. Yamada — 11-13-81

HAWAIIAN TELEPHONE Co. — DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

UTILITIES PROFILES
TELEPHONE LINE "B"

FORT WEAVER ROAD
SOUTH OF FARRINGTON HIGHWAY
TO THE VICINITY OF RENTON ROAD

SCALE: HORIZ. 1" = 50'
VERT. 1" = 10'

DATE: OCT. 1981

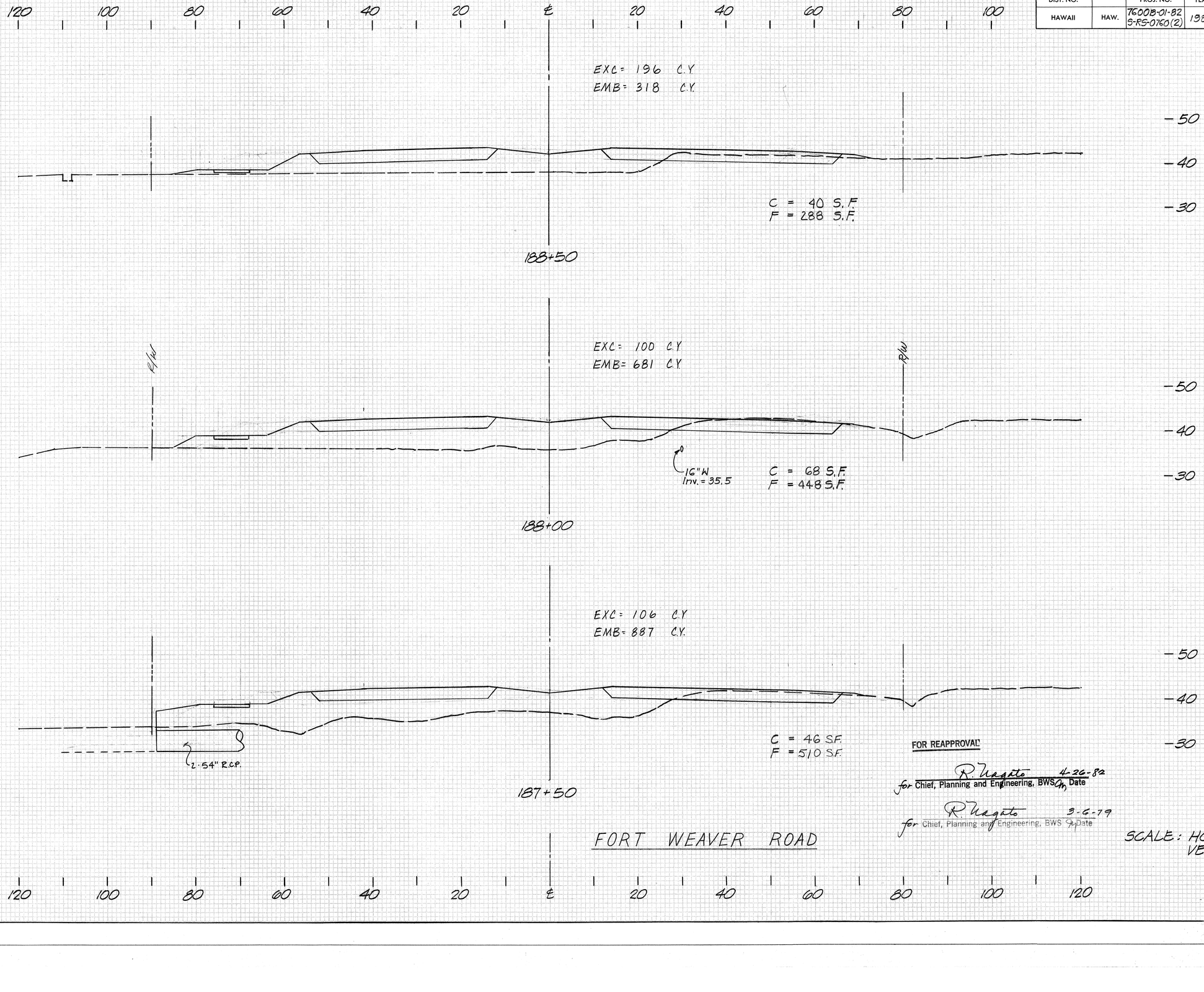
SHEET No. 74A OF 80 SHEETS

C0140S-1

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

ORIGINAL SURVEY — SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED, NOTE BOOK, NO.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-01-82 S-RS-0760(2)	1982	141	163



FOR REAPPROVAL

R. Nagato 4-26-82
for Chief, Planning and Engineering, BWS Date

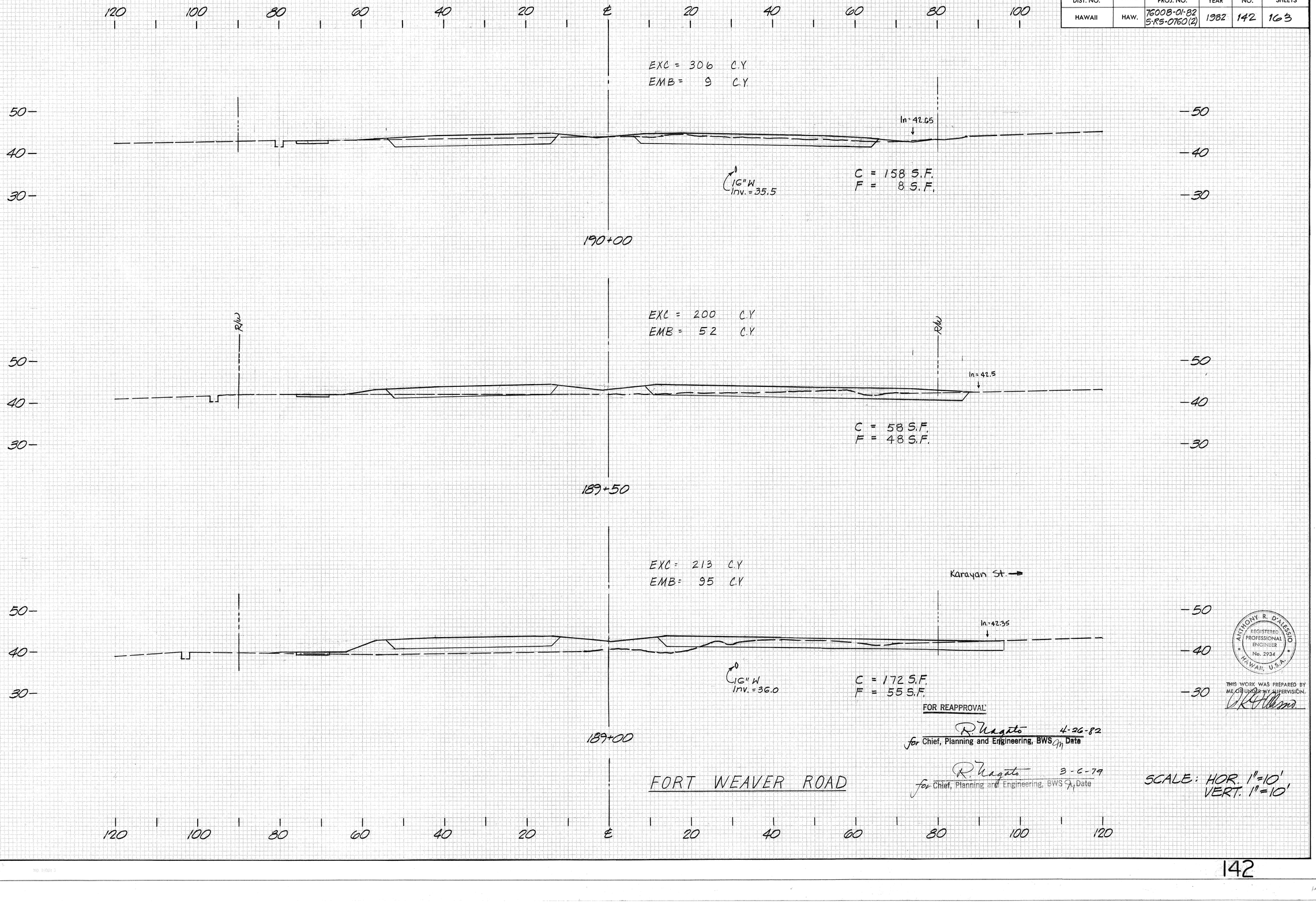
R. Nagato 3-6-79
for Chief, Planning and Engineering, BWS Date

ANTHONY R. D'ALESSIO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

PLATE 3-CROSS SECTIONS, F.A.S.
CLEARPRINT PAPER CO., S. F., CAL. NO. 1008K-3

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	76008-01-82 S-RS-0760(2)	1982	142	163



FOR REAPPROVAL

R. Nagato 4-26-82
for Chief, Planning and Engineering, BWS Date

R. Nagato 3-C-79
for Chief, Planning and Engineering, BWS Date

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

ANTHONY R. D'ALESSIO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

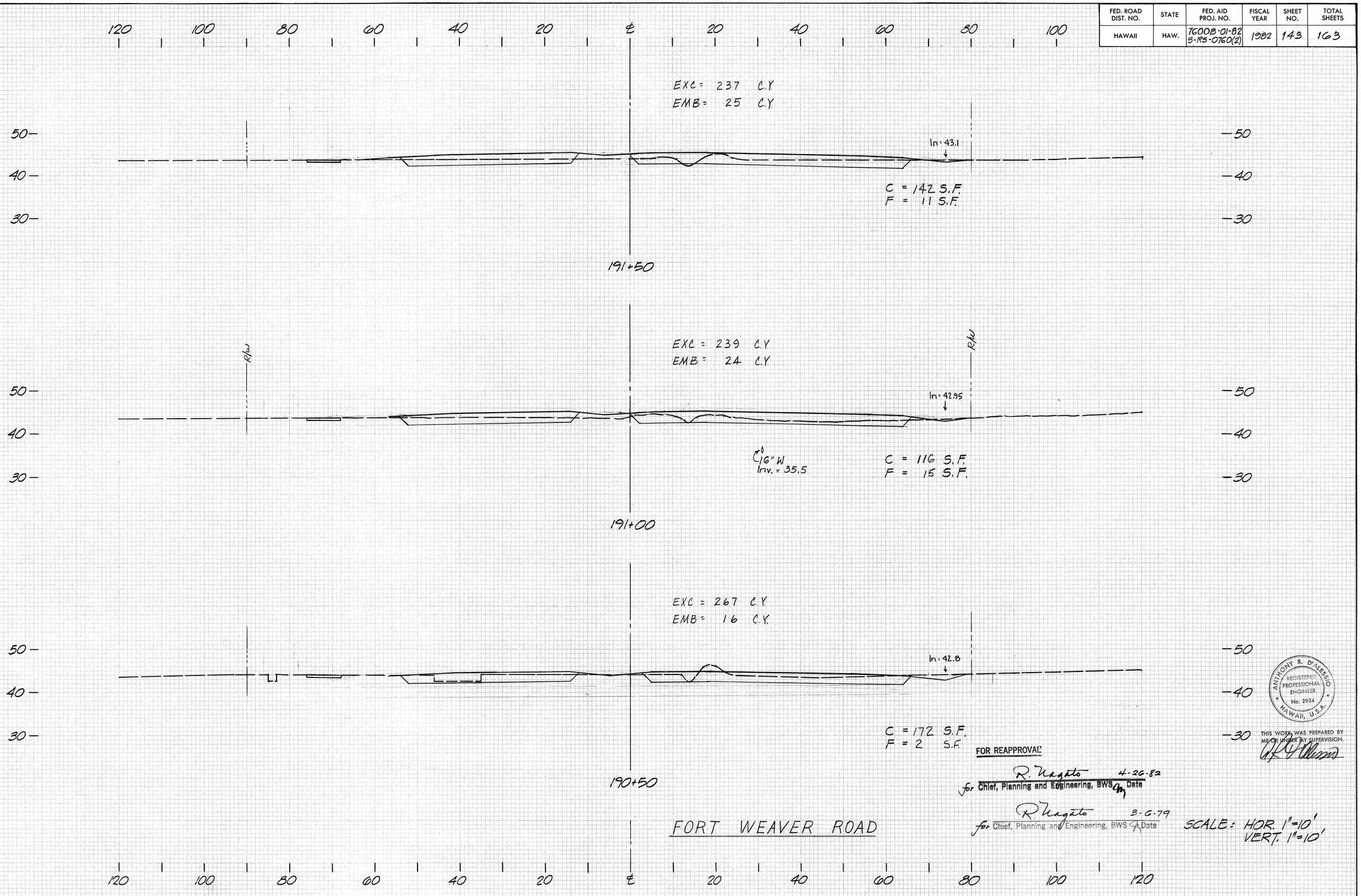
FINAL SURVEY: SURVEYED, PLOTTED, TYPED, NOTE BOOK, IRD, AREAS, AREAS CHECKED, BY, DATE

ORIGINAL SURVEY: SURVEYED, PLOTTED, TYPED, NOTE BOOK, IRD, AREAS, AREAS CHECKED, BY, DATE

PLATE 3 - CROSS SECTION, F A S
CLEARPRINT PAPER CO., S. F. CAL. NO. 1 (1001)

142

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	TG00B-01-82 S-RS-0760(2)	1982	143	163



FORT WEAVER ROAD

FOR REAPPROVAL

R. Nagato 4-26-82
for Chief, Planning and Engineering, BWS Date

R. Nagato 3-6-79
for Chief, Planning and Engineering, BWS Date

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

ANTHONY R. D'ALESSIO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

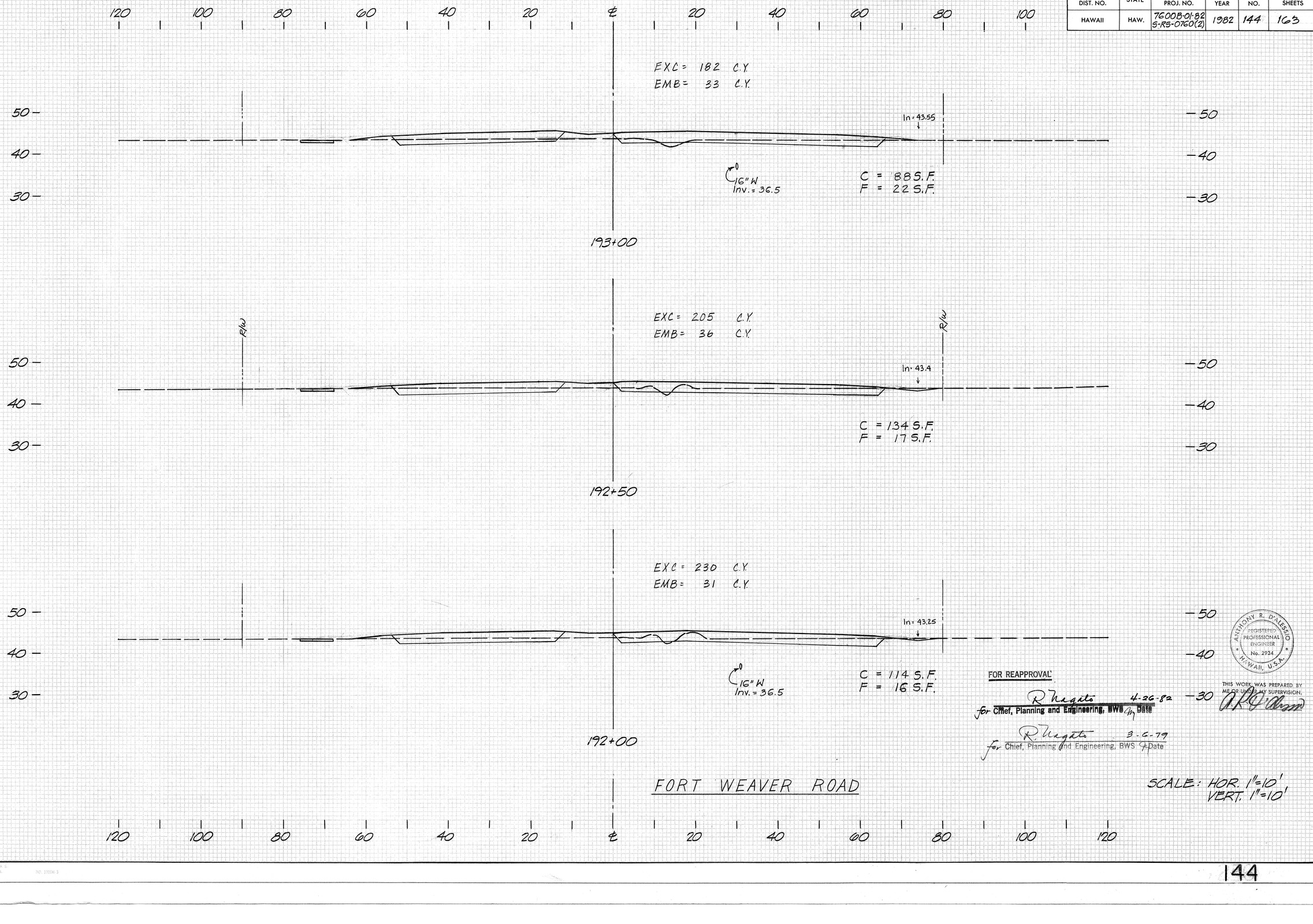
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

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

PLATE 3-CROSS SECTIONS, F.A.S.
CLEARPRINT PAPER CO., S. F. CAL. NO. 1000H-3

143

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-01-82 S-RS-0160(2)	1982	144	163



FOR REAPPROVAL

R Nagata 4-26-82
for Chief, Planning and Engineering, BWS Date

R Nagata 3-6-79
for Chief, Planning and Engineering, BWS Date

ANTHONY R. D'ALESSIO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

A R D'Alessio

FORT WEAVER ROAD

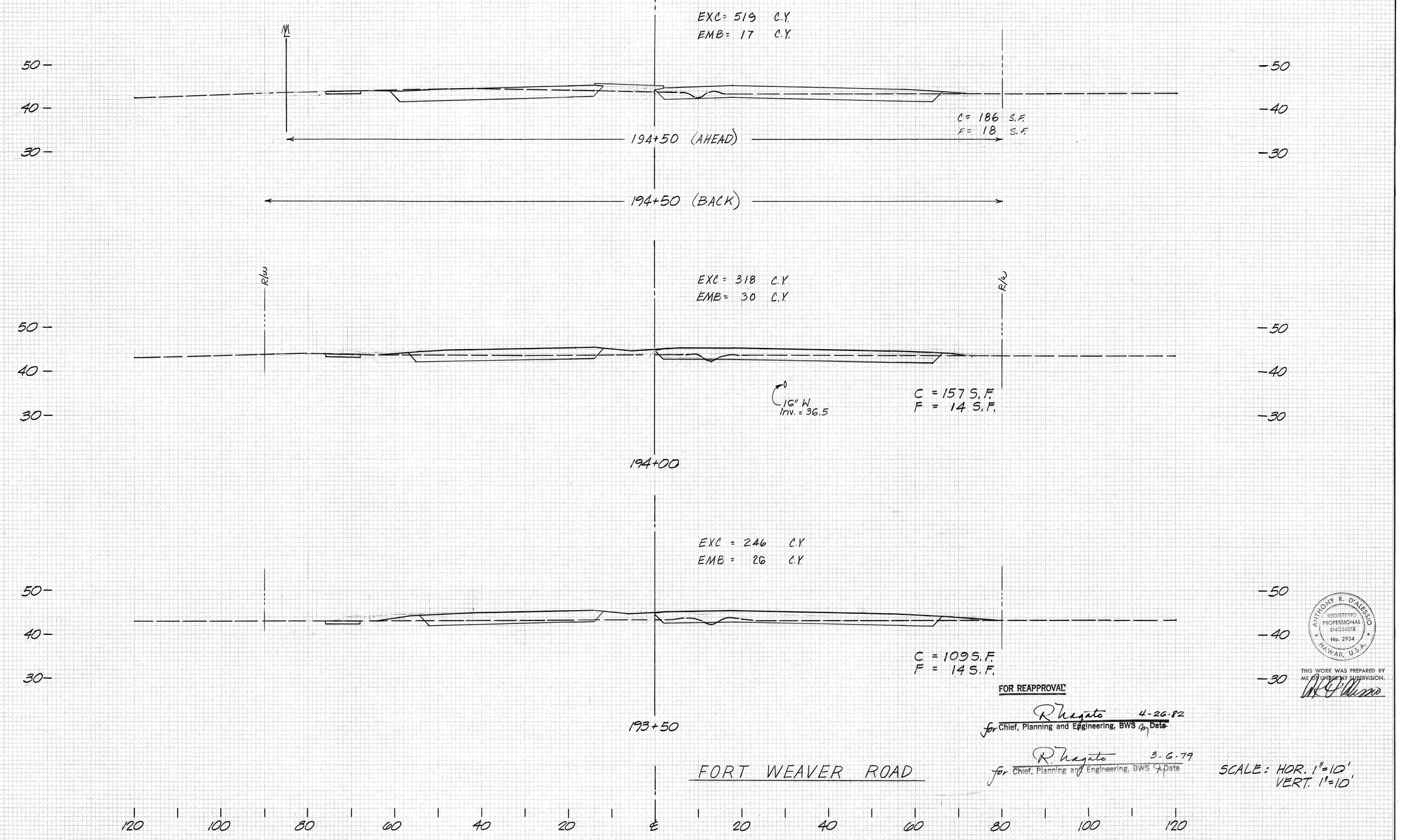
SCALE: HOR. 1"=10'
VERT. 1"=10'

FINAL SURVEY — SURVEYED, PLOTTED, TRIANGULATE, AREAS, NOTE BOOK, AREAS CHECKED, NO., BY, DATE

ORIGINAL SURVEY — SURVEYED, PLOTTED, TRIANGULATE, AREAS, NOTE BOOK, AREAS CHECKED, NO., BY, DATE

SCALE: CROSS SECTION, 1 IN. = 1 FT.
CLEARPRINT PAPER CO., S. F. CAL. NO. 1000H-3

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-01-82 S-RS-0760(2)	1982	145	163



FOR REAPPROVAL

R Nagato 4-26-82
for Chief, Planning and Engineering, BWS Date

R Nagato 3-6-79
for Chief, Planning and Engineering, BWS Date

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

ANTHONY R. D'ALESSIO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

FINAL SURVEY: SURVEYED, PLOTTED, TRACED, NOTE BOOK, PAGE, AREAS, NO., AREAS CHECKED, BY, DATE

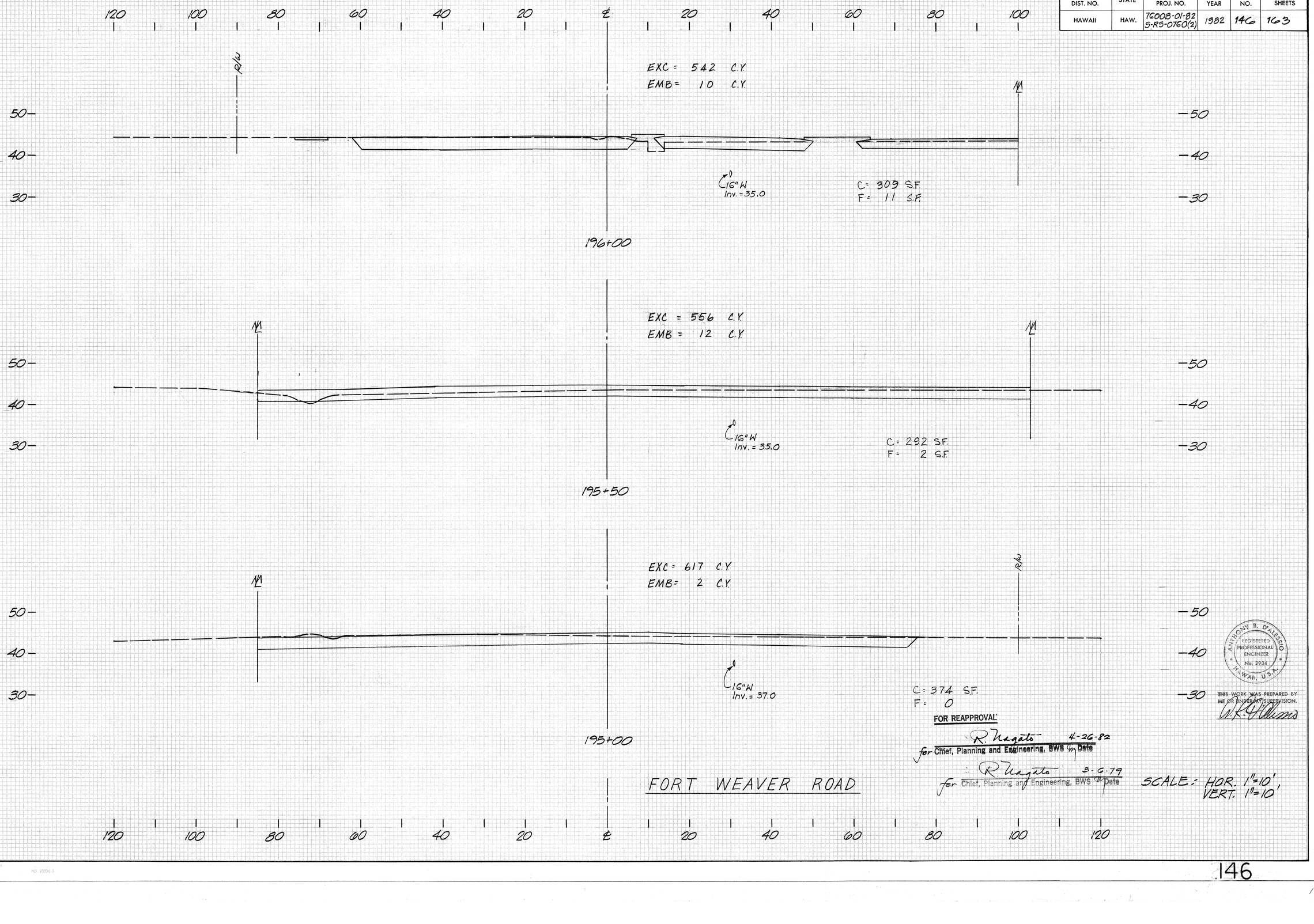
ORIGINAL SURVEY: SURVEYED, PLOTTED, TRACED, NOTE BOOK, AREAS, PAGE, NO., AREAS CHECKED, BY, DATE

PLATE 3 - CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S. F. CAL. NO. 1000N-3

145

145

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	TG008-01-82 S-R5-0760(2)	1982	146	163



FOR REAPPROVAL

R. Nagato 4-26-82
for Chief, Planning and Engineering, BWS Date

R. Nagato 3-6-79
for Chief, Planning and Engineering, BWS Date

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

ANTHONY R. D'ALESSIO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
A. R. D'Alessio

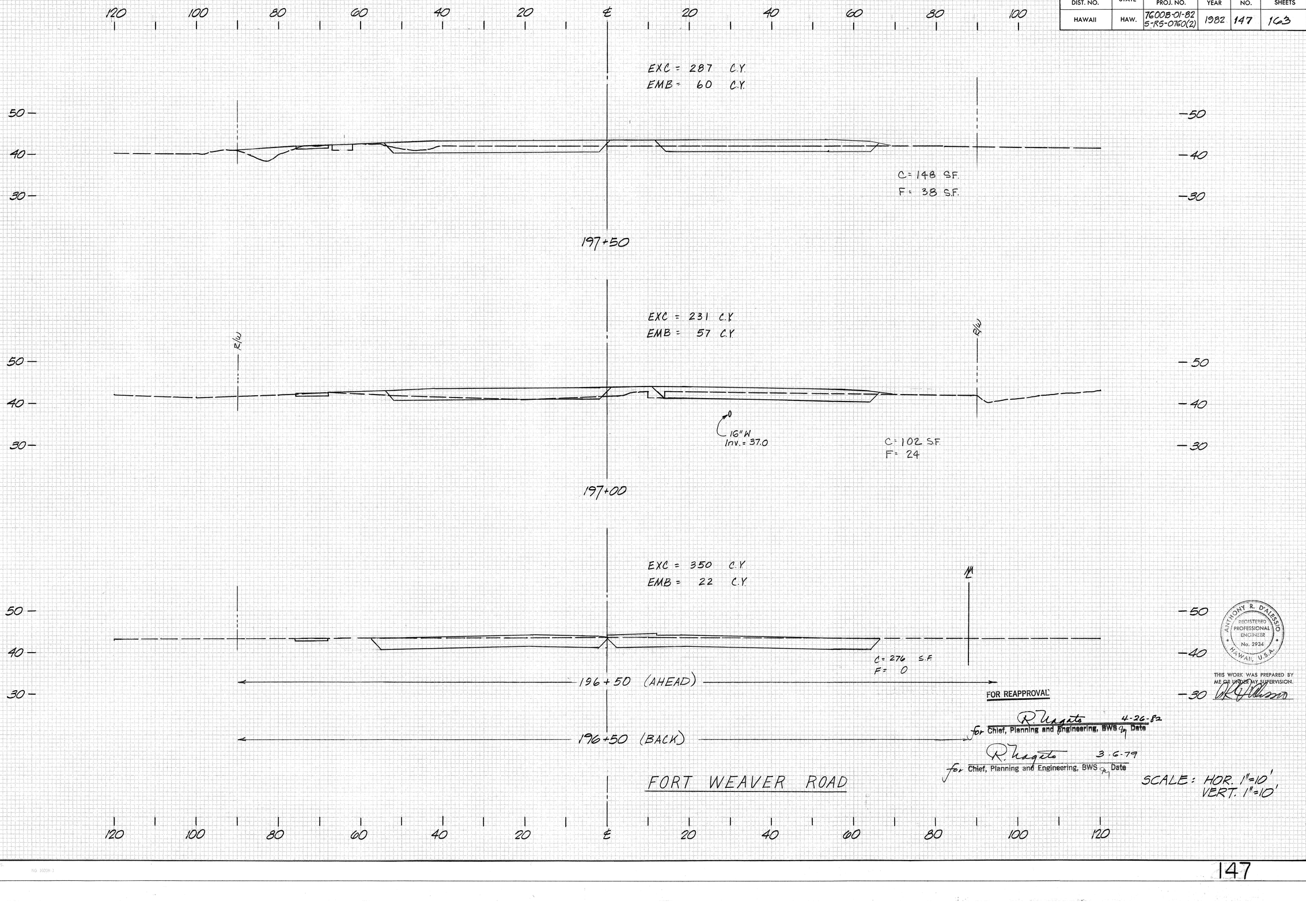
FINAL SURVEY — SURVEYED, PLOTTED, PARCEL, NOTE BOOK, NO., AREAS, AREAS CHECKED, BY, DATE

ORIGINAL SURVEY — SURVEYED, PLOTTED, PARCEL, NOTE BOOK, NO., AREAS, AREAS CHECKED, BY, DATE

PLATE 3 - CROSS SECTION, F.A.P.
CLEARPRINT PAPER CO., S.F. CAL. NO. 1000N-3

146

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-01-82 S-RS-0760(2)	1982	147	163



ANTHONY R. D'ALESSIO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

FOR REAPPROVAL

R. Nagata 4-26-82
for Chief, Planning and Engineering, BWS Date

R. Nagata 3-6-79
for Chief, Planning and Engineering, BWS Date

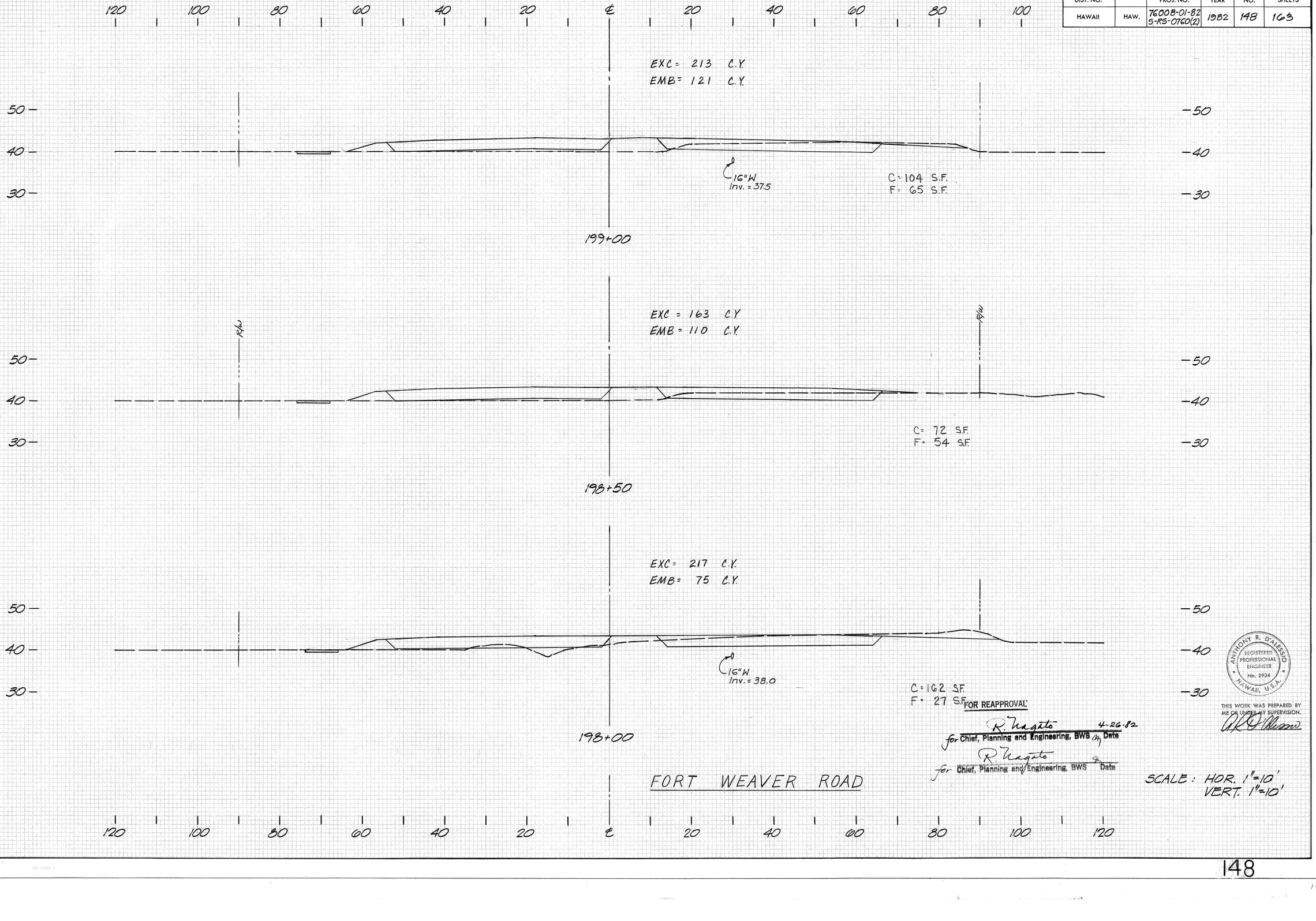
SCALE: HOR. 1"=10'
VERT. 1"=10'

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

PLATE 3 - CROSS SECTIONS, F.A.S.
CLEARPRINT PAPER CO., S.F., CAL. NO. 1000H-3

147

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-01-82 S-RS-0760(2)	1982	148	163



FOR REAPPROVAL

R. Nagato 4-26-82
for Chief, Planning and Engineering, BWS By Date

R. Nagato
for Chief, Planning and Engineering, BWS Date

ANTHONY R. D'ALESSIO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

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

148

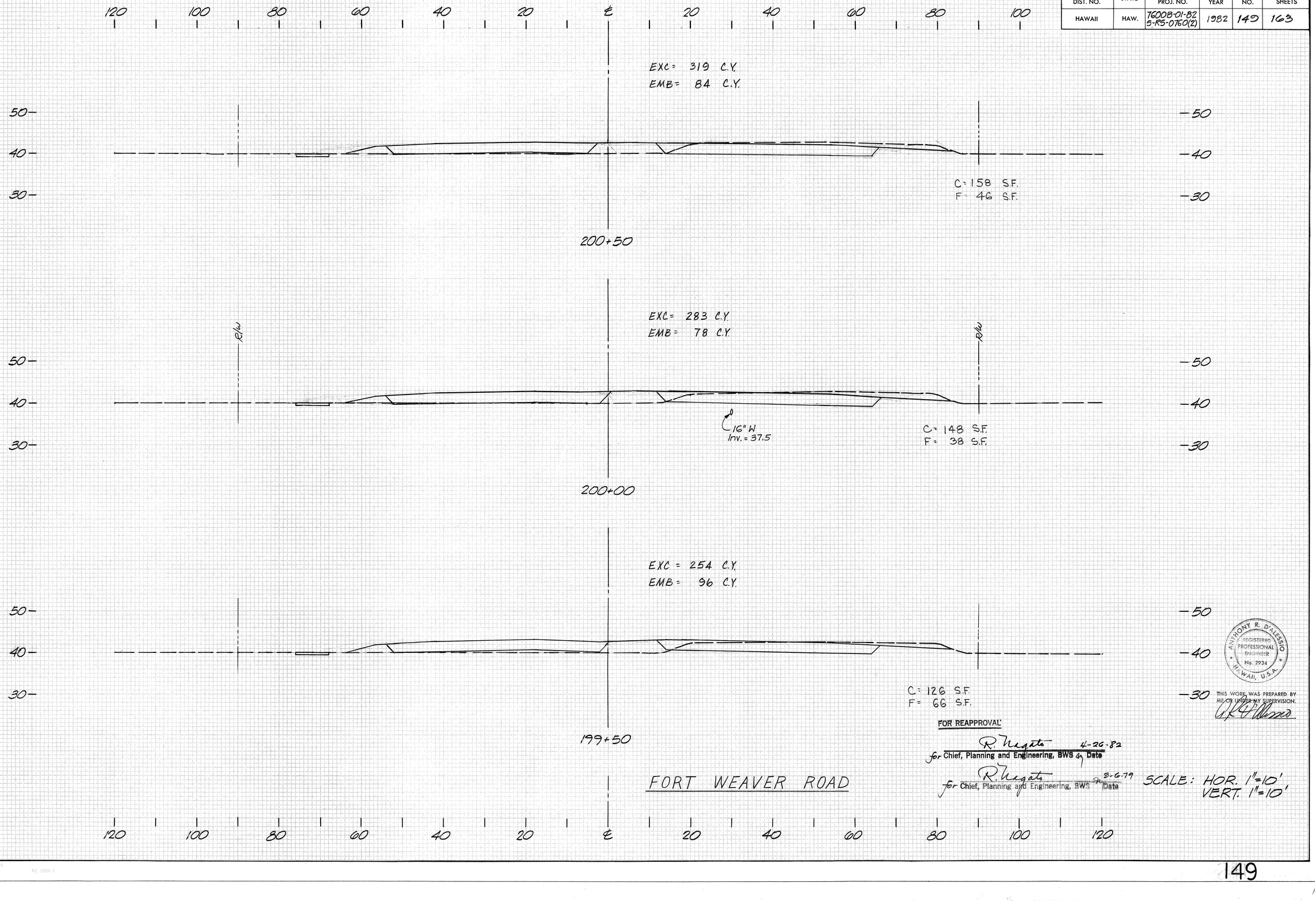
FINAL SURVEY — DATE, BY, SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED, NOTE BOOK, PAGE, NO.

ORIGINAL CONTACT — DATE, BY, SURVEYED, PLOTTED, TEMPLATE, AREAS, NOTE BOOK, NO.

PLATE 3 CROSS SECTION, F.A.E.
CLEARPRINT PAPER CO., S. F. CAL. NO. 2000-3

148

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-01-82 S-RS-0760(2)	1982	149	163



ANTHONY R. D'ALESSIO REGISTERED PROFESSIONAL ENGINEER No. 2934 HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

FOR REAPPROVAL

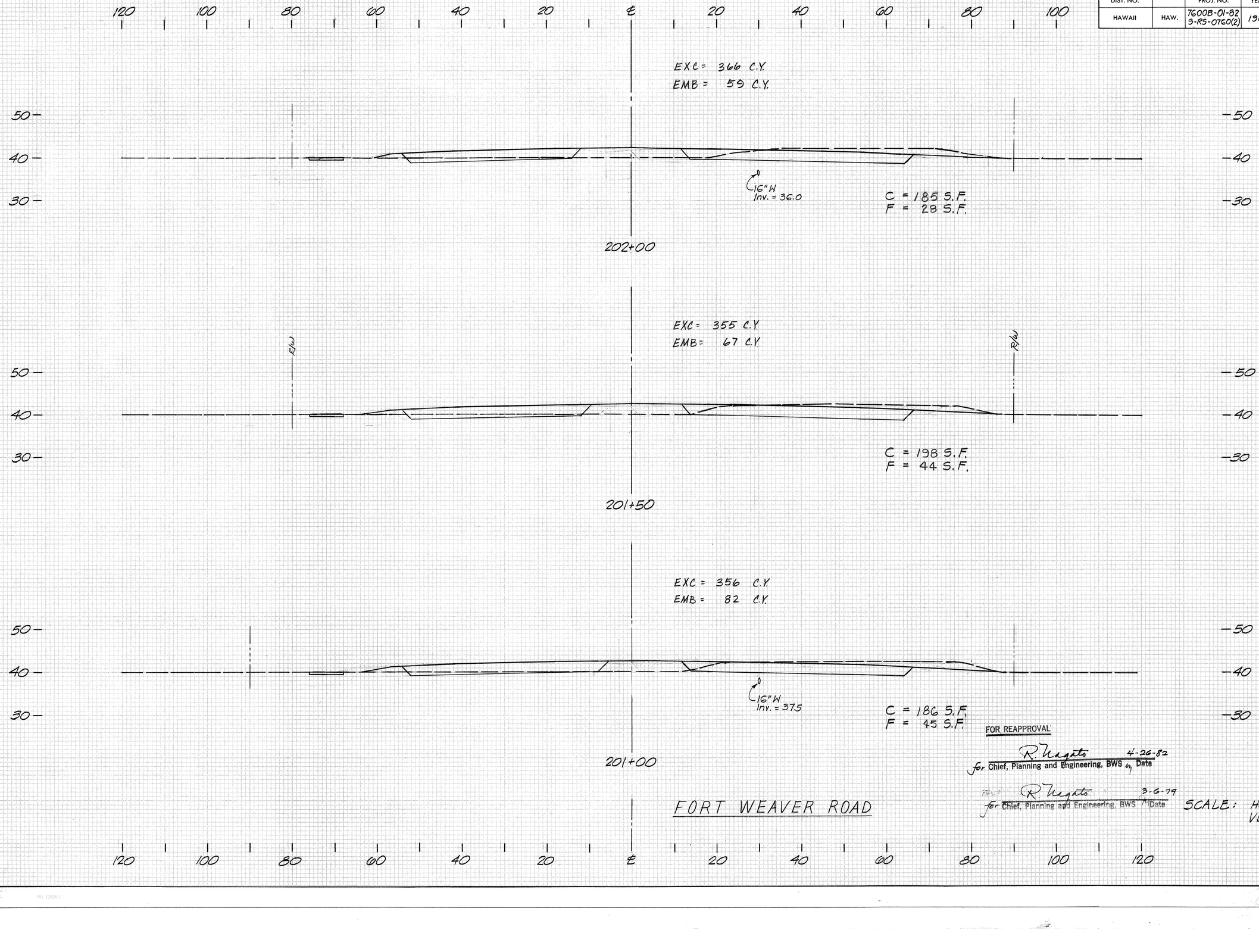
R. Negato 4-26-82
for Chief, Planning and Engineering, BWS Date

R. Negato 3-6-79
for Chief, Planning and Engineering, BWS Date

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

PLATE 3 - CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S.F. CAL. NO. 1000H-3

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-01-82 S-R5-0760(2)	1982	150	163



FOR REAPPROVAL

R. Nagato 4-26-82
for Chief, Planning and Engineering, BWS Date

R. Nagato 3-6-79
for Chief, Planning and Engineering, BWS Date

FORT WEAVER ROAD

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

ANTHONY R. D'ALESSIO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

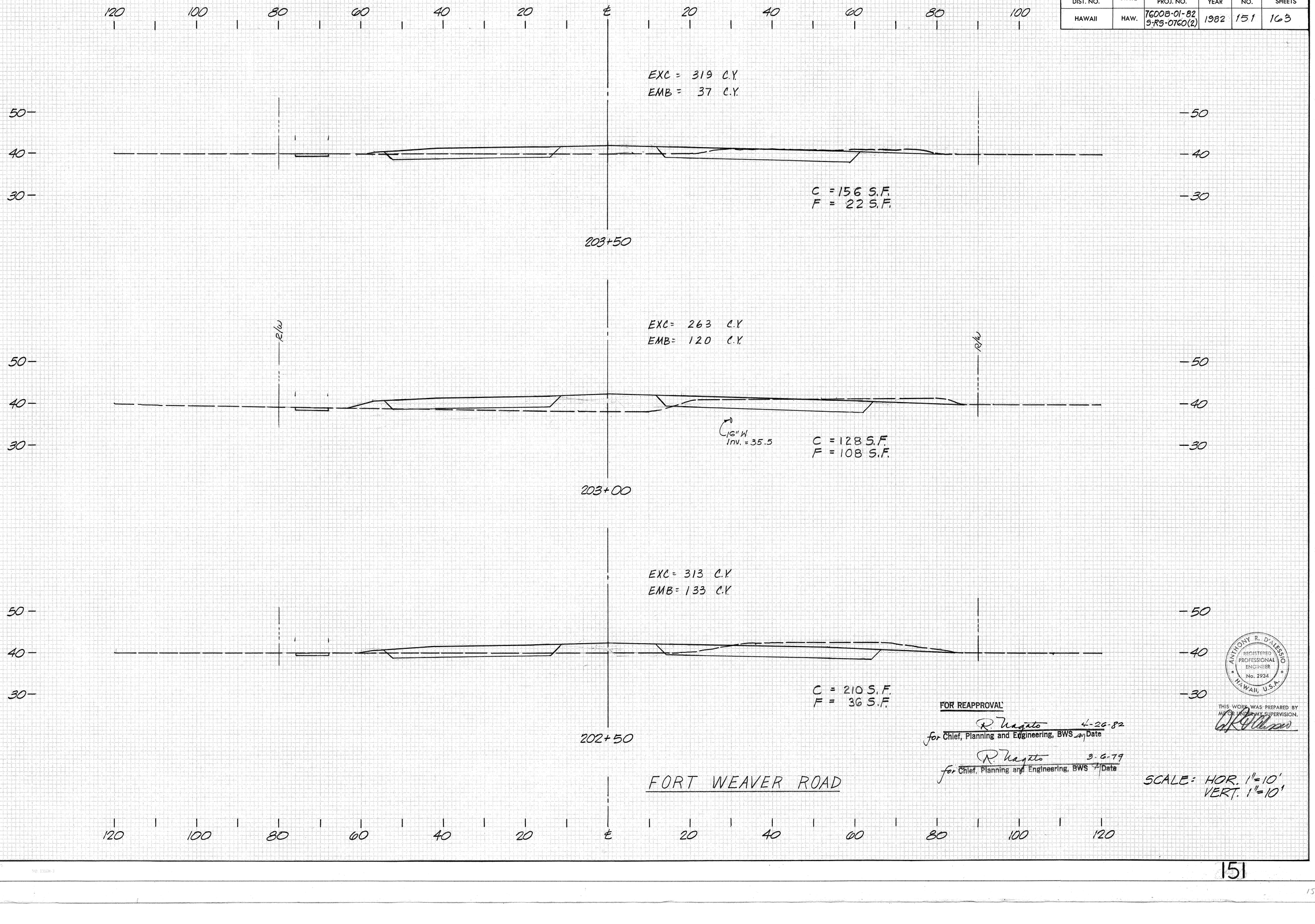
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

FINAL SURVEY: SURVEYED, PLOTTED, TRIANGULATE, NOTE BOOK, NO., AREAS, AREAS CHECKED, BY, DATE

ORIGINAL SURVEY: SURVEYED, PLOTTED, TRIANGULATE, NOTE BOOK, NO., AREAS, AREAS CHECKED, BY, DATE

PLATE 3-CROSS SECTION, F.A.
CLEARPRINT PAPER CO., S. F. CAL. NO. 10006-3

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	76008-01-82 S:RS-0760(2)	1982	151	163



FOR REAPPROVAL

R. Nagato 4-26-82
for Chief, Planning and Engineering, BWS Date

R. Nagato 3-6-79
for Chief, Planning and Engineering, BWS Date

ANTHONY R. D'ALESSIO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

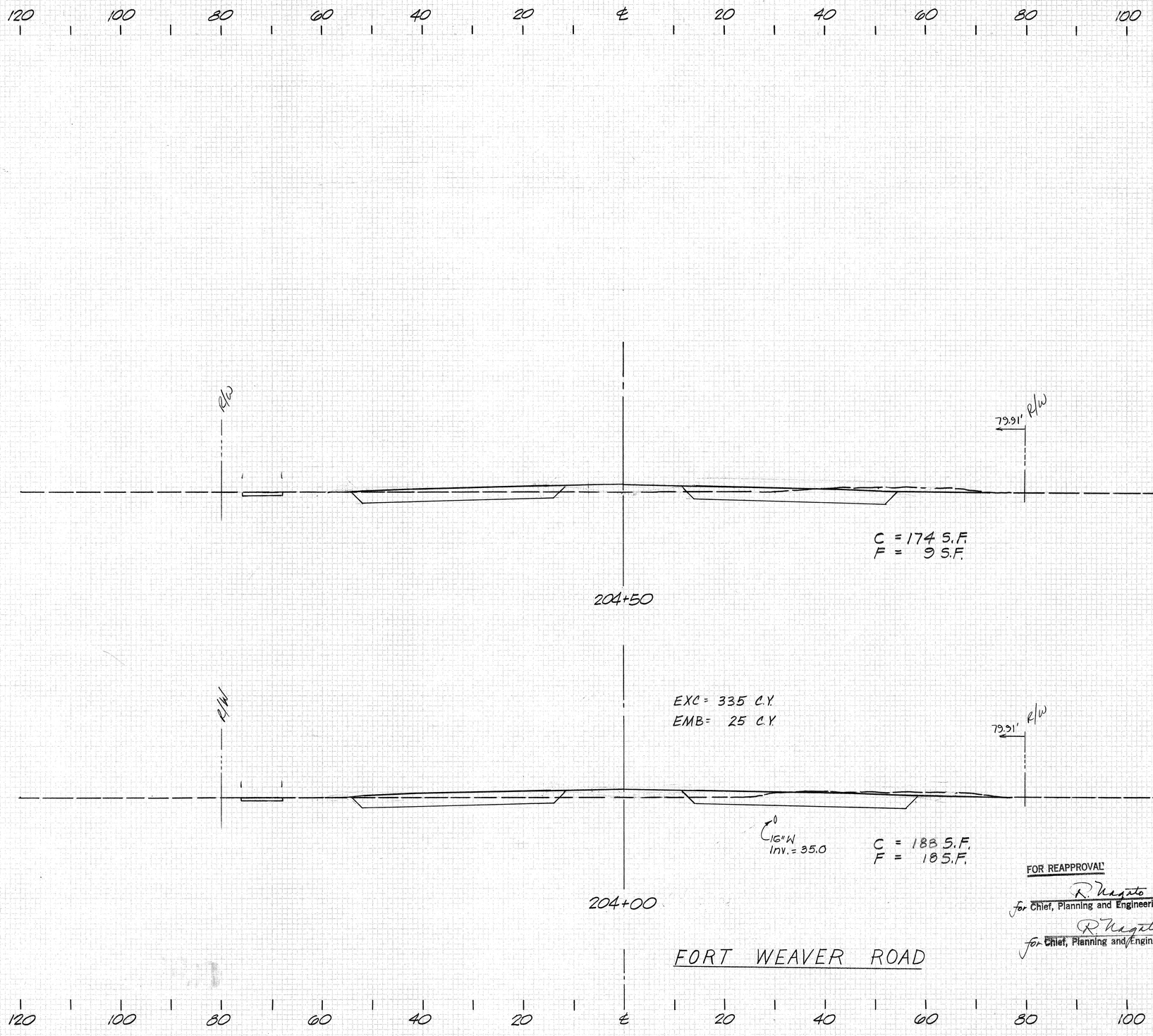
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

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

151

FINAL SURVEY / ORIGINAL SURVEY
SURVEYED
PLOTTED
PLANIMETER
NOTE BOOK
AREAS
NO.
AREAS CHECKED
DATE
BY
PLATE 3-CROSS SECTION F.A.S.
CLEARPRINT PAPER CO., S. F. CAL.
NO. 1300H-3

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-01-82 S-R5-07G0(2)	1982	152	163



FORT WEAVER ROAD

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

ANTHONY R. D'ALESSIO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

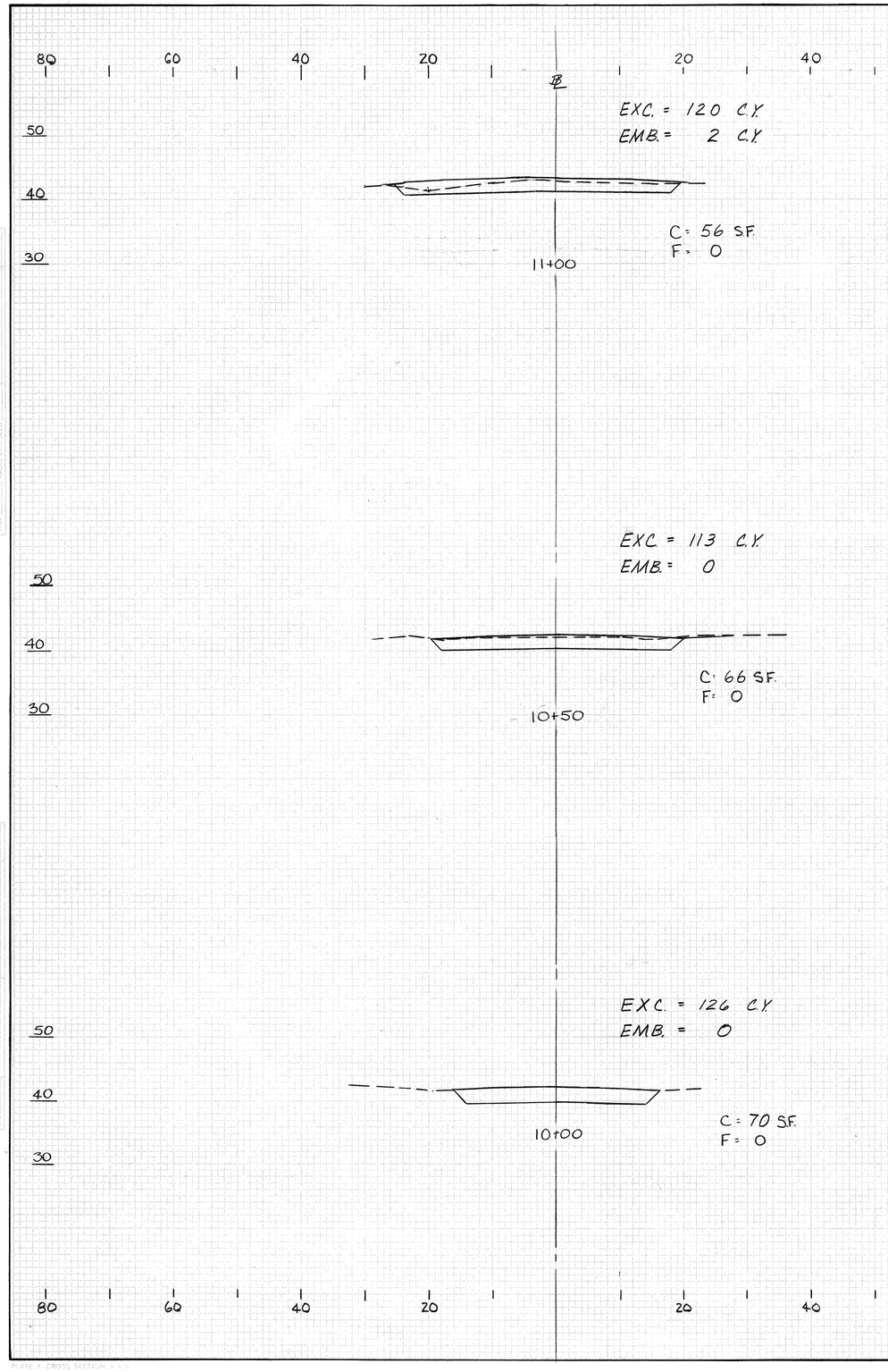
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

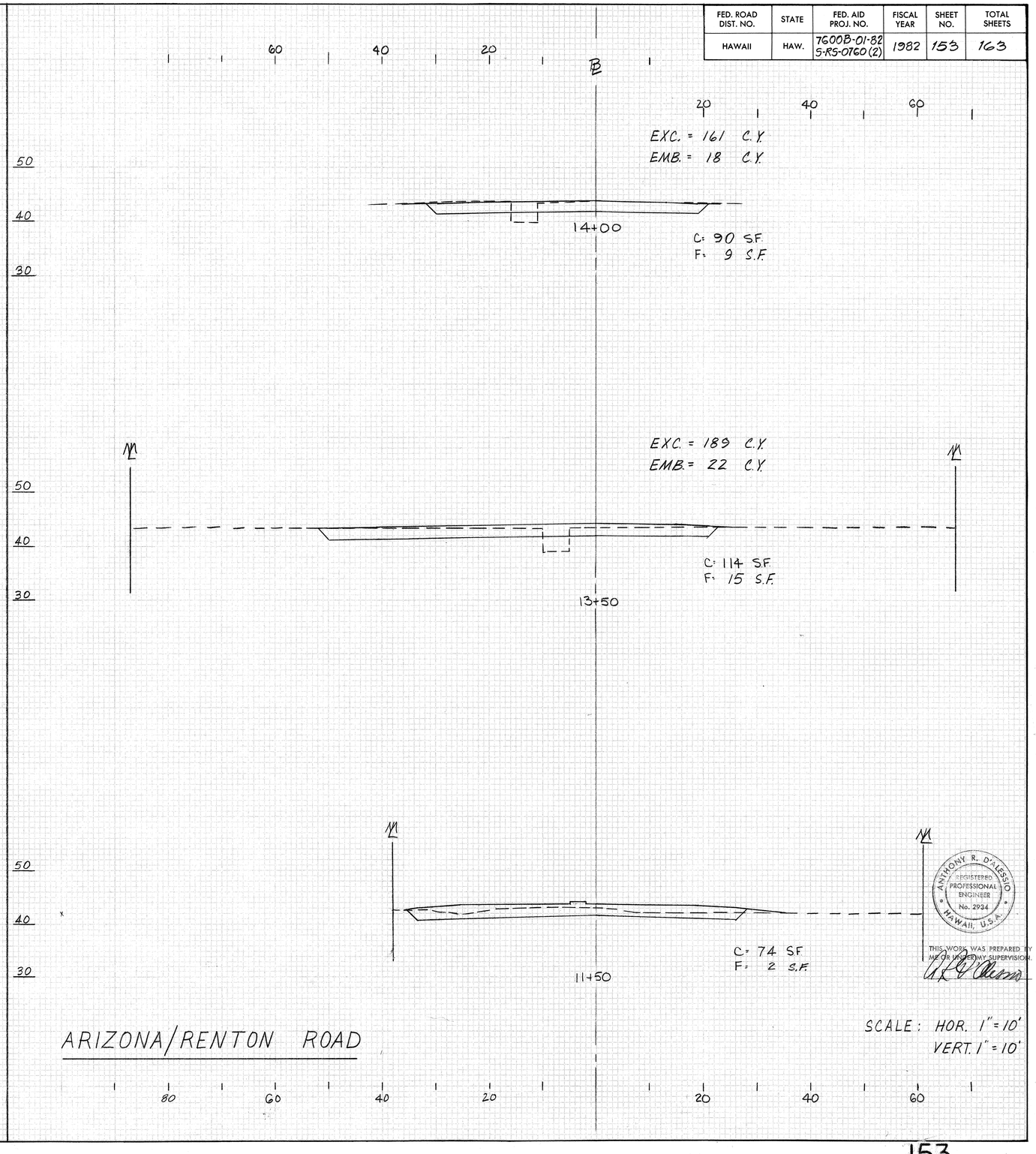
FOR REAPPROVAL

R. Nagato 4-26-82
for Chief, Planning and Engineering, BWS Date

R. Nagato 3-6-79
for Chief, Planning and Engineering, BWS Date

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-01-82 S-RS-0760(2)	1982	153	163





ANTHONY R. D'ALESSIO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

ARIZONA/RENTON ROAD

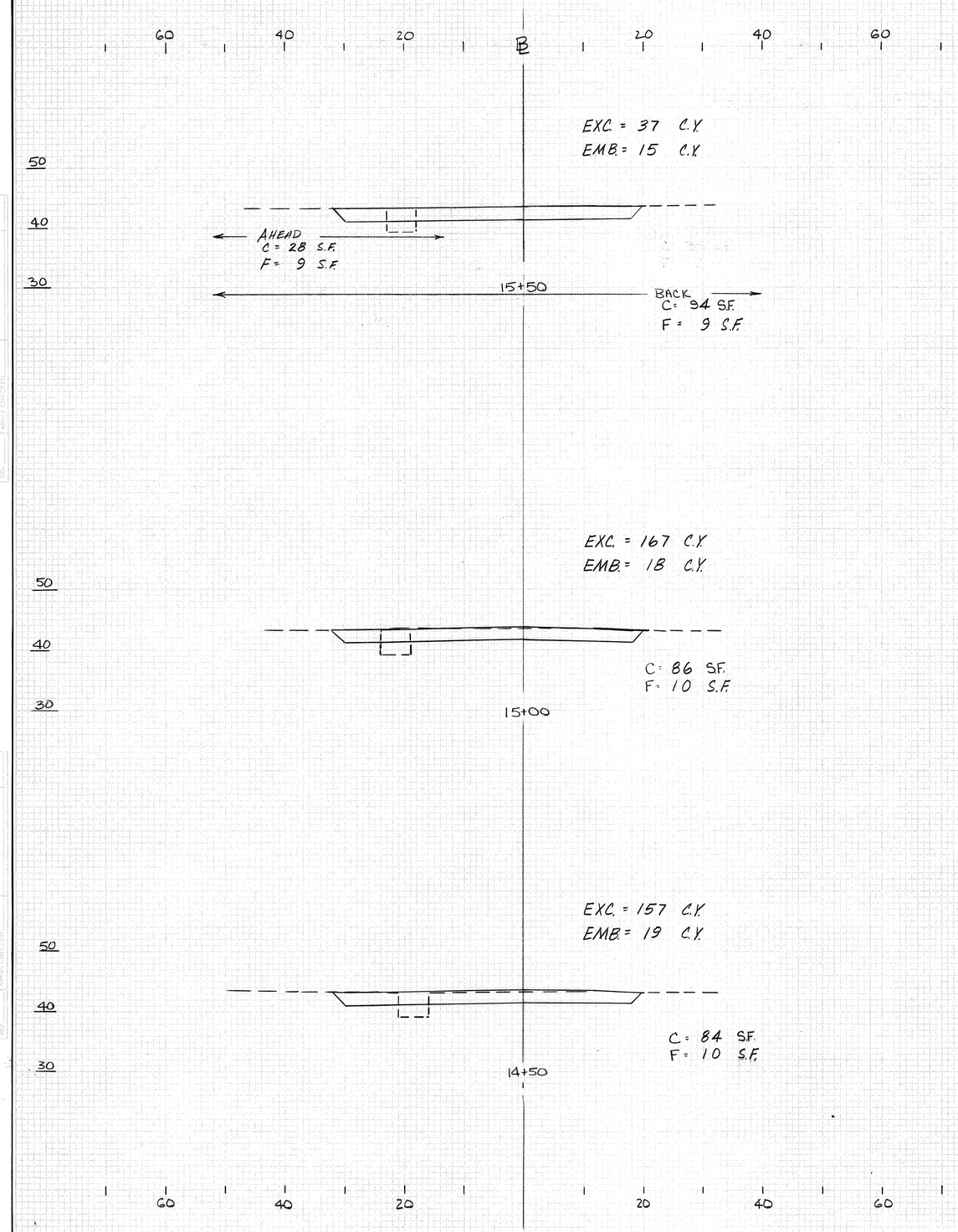
SCALE: HOR. 1" = 10'
VERT. 1" = 10'

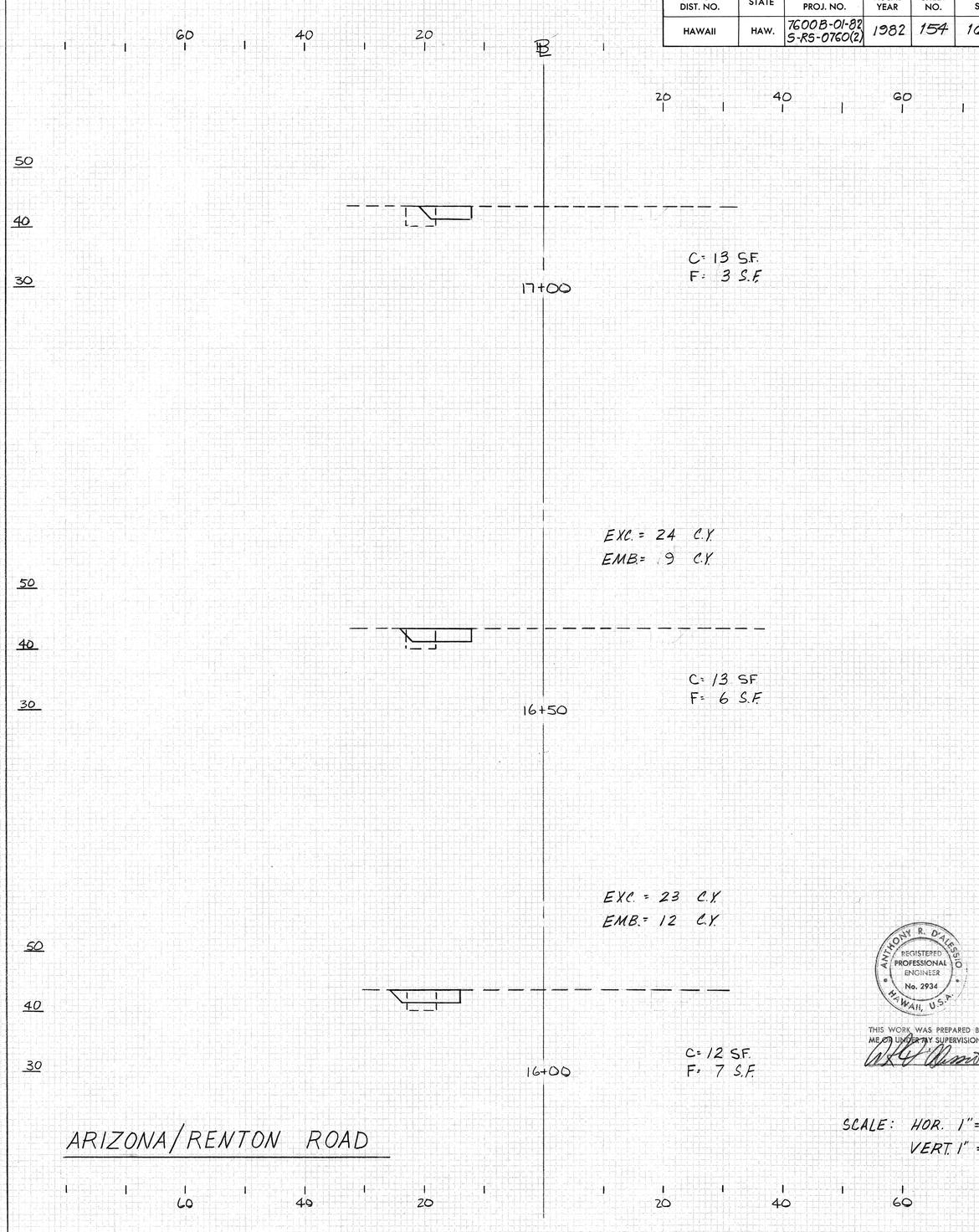
153

BASE X-SECTION 8.2.5
CLEARPRINT PAPER CO. S.F.USA

153

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-01-82 S-RS-0760(2)	1982	154	163





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THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

ARIZONA/RENTON ROAD

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

154

154

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-01-82 S-RS-0760(2)	1982	155	163

120 100 80 60 40 20

60+14
2/24/83
EL. 156.2
2/24/83
EXC = 13.9 CY
EMB = 3.7 CY
CUT 12
FILL 0
60+00

50+62
2/24/83
EXC = 11.1 CY
EMB = 0
Bikeway
CUT 0
FILL 0
59+50

EXC = 4.6 CY
EMB = 0
EL. 160.8
CUT 5
FILL 0
59+00

EXC = 9.3 CY
EMB = 0
EL. 163.0
CUT 5
FILL 0
58+50

EXC = 9.3 CY
EMB = 0
EL. 165.6
CUT 5
FILL 0
58+00

EXC = 9.3 CY
EMB = 0
EL. 167.4
EXC = 10.3 CY
EMB = 0
CUT 5
FILL 0
57+77.64

120 100 80 60 40 20

EXC = 9.3 CY
EMB = 0
R/W
EL. 142.0
CUT 5
FILL 0
63+00

EXC = 10.2 CY
EMB = 0.9 CY
EL. 144.0
CUT 6
FILL 1
62+50

EXC = 7.4 CY
EMB = 0.9 CY
EL. 147.0
CUT 2
FILL 0
62+00

EXC. = 6.5 CY
EMB = 0
EL. 149.0
CUT 5
FILL 0
61+50

EXC = 6.5 CY
EMB = 0.9 CY
EL. 151.6
CUT 2
FILL 1
61+00

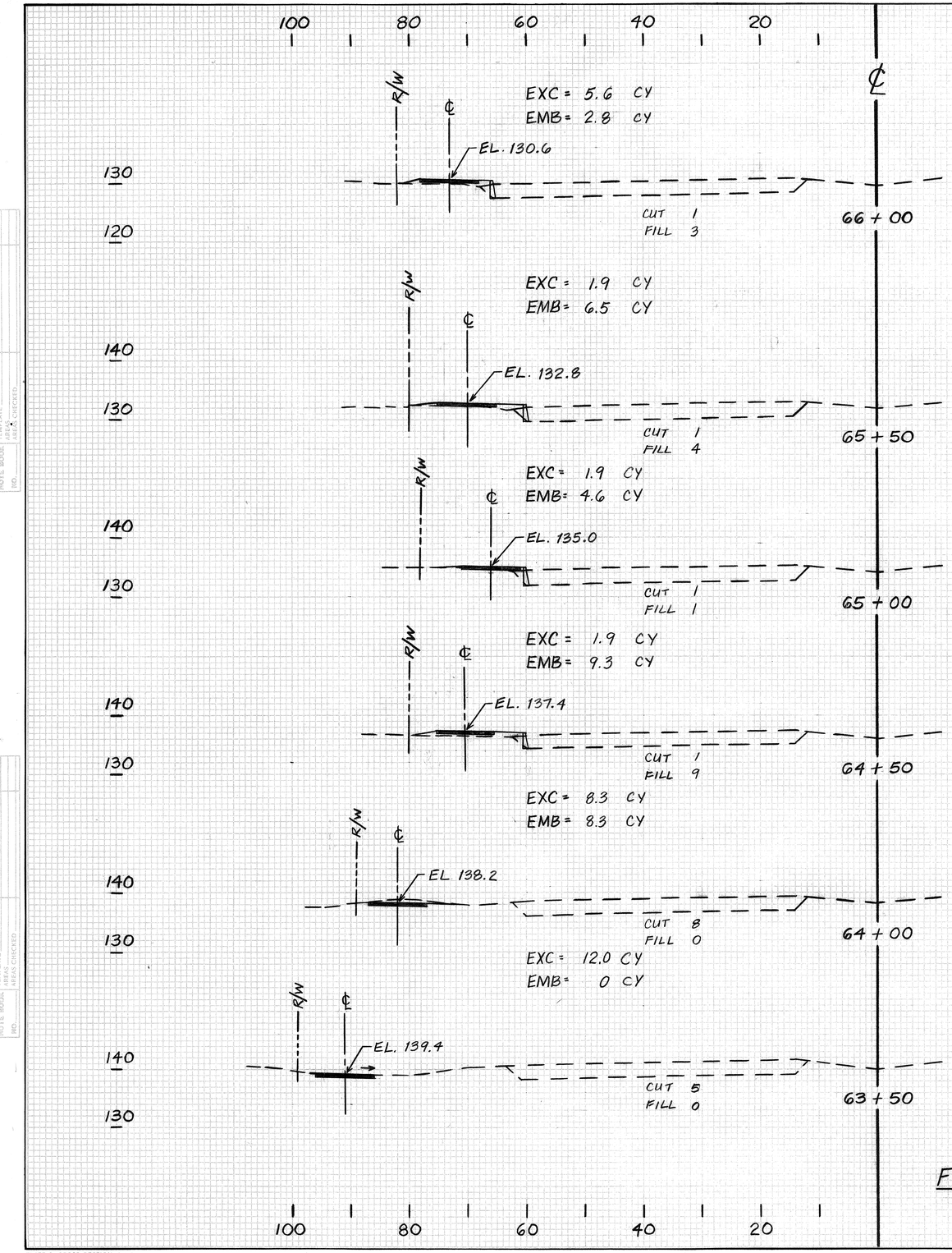
EXC. = 4.6 CY
EMB = 4.6 CY
EL. 154.8
CUT 3
FILL 4
60+50

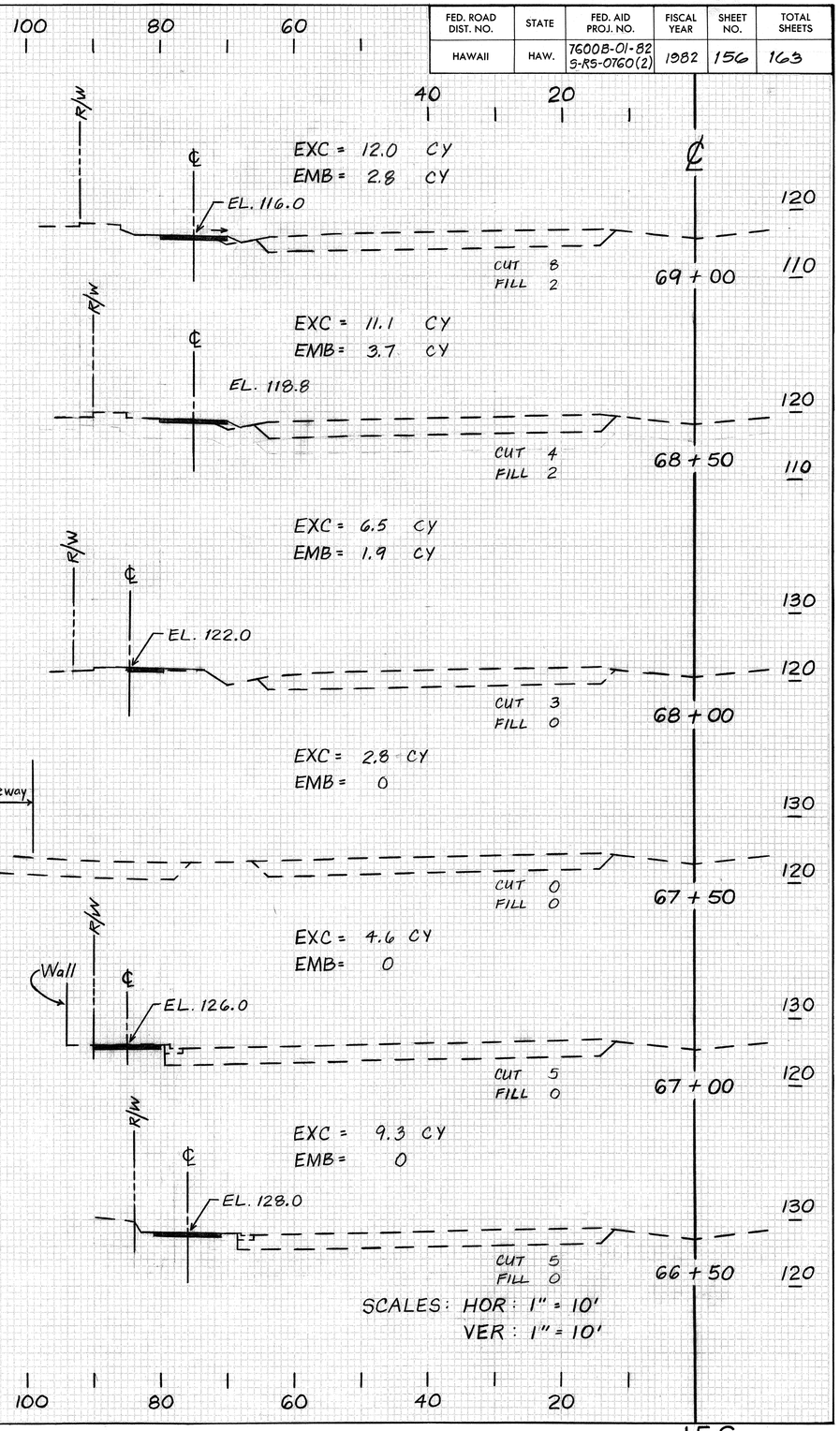
120 100 80 60 40 20

FORT WEAVER ROAD

SCALES: HOR: 1" = 10'
VER: 1" = 10'

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-01-82 S-RS-0760(2)	1982	156	163

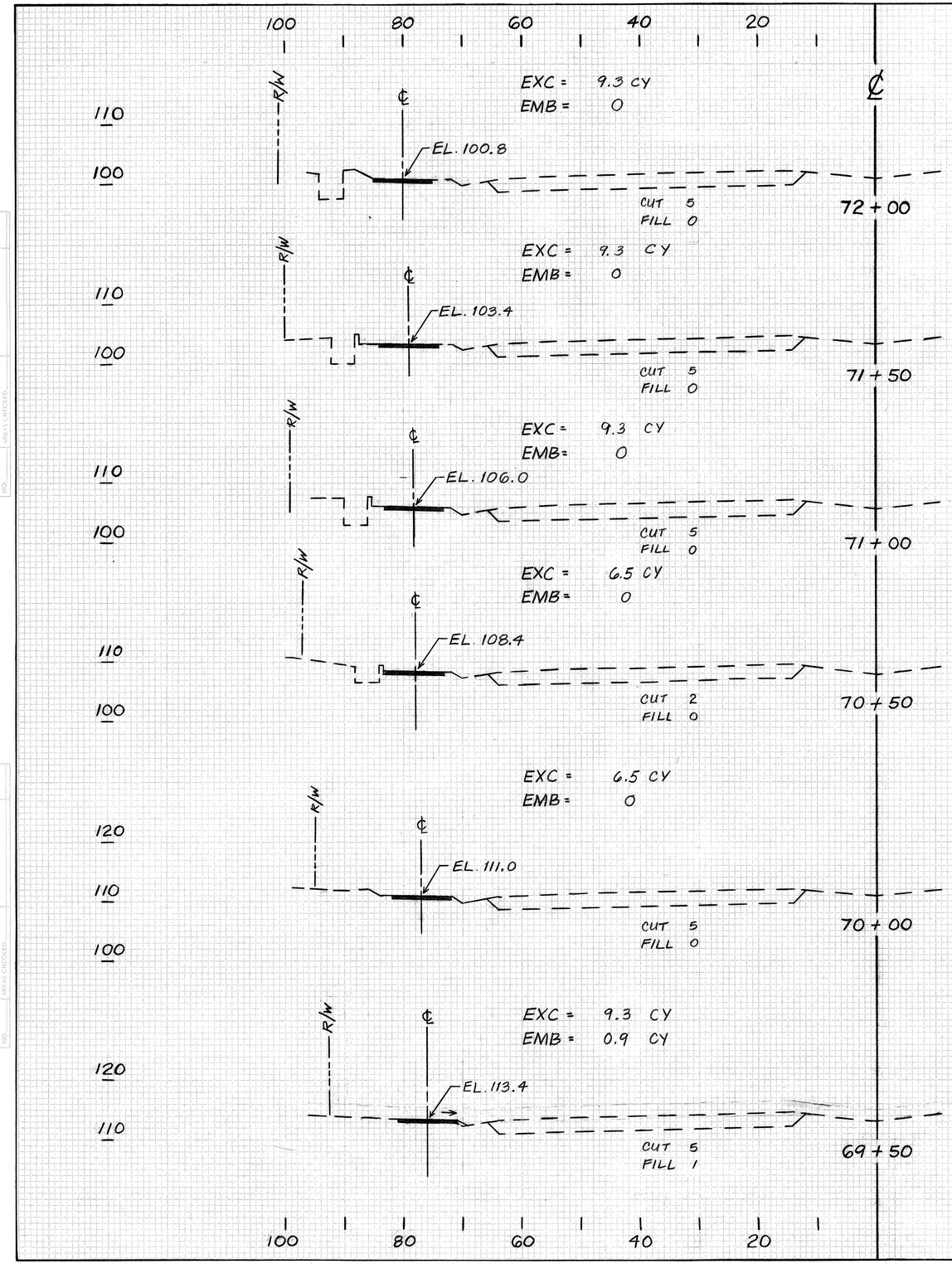


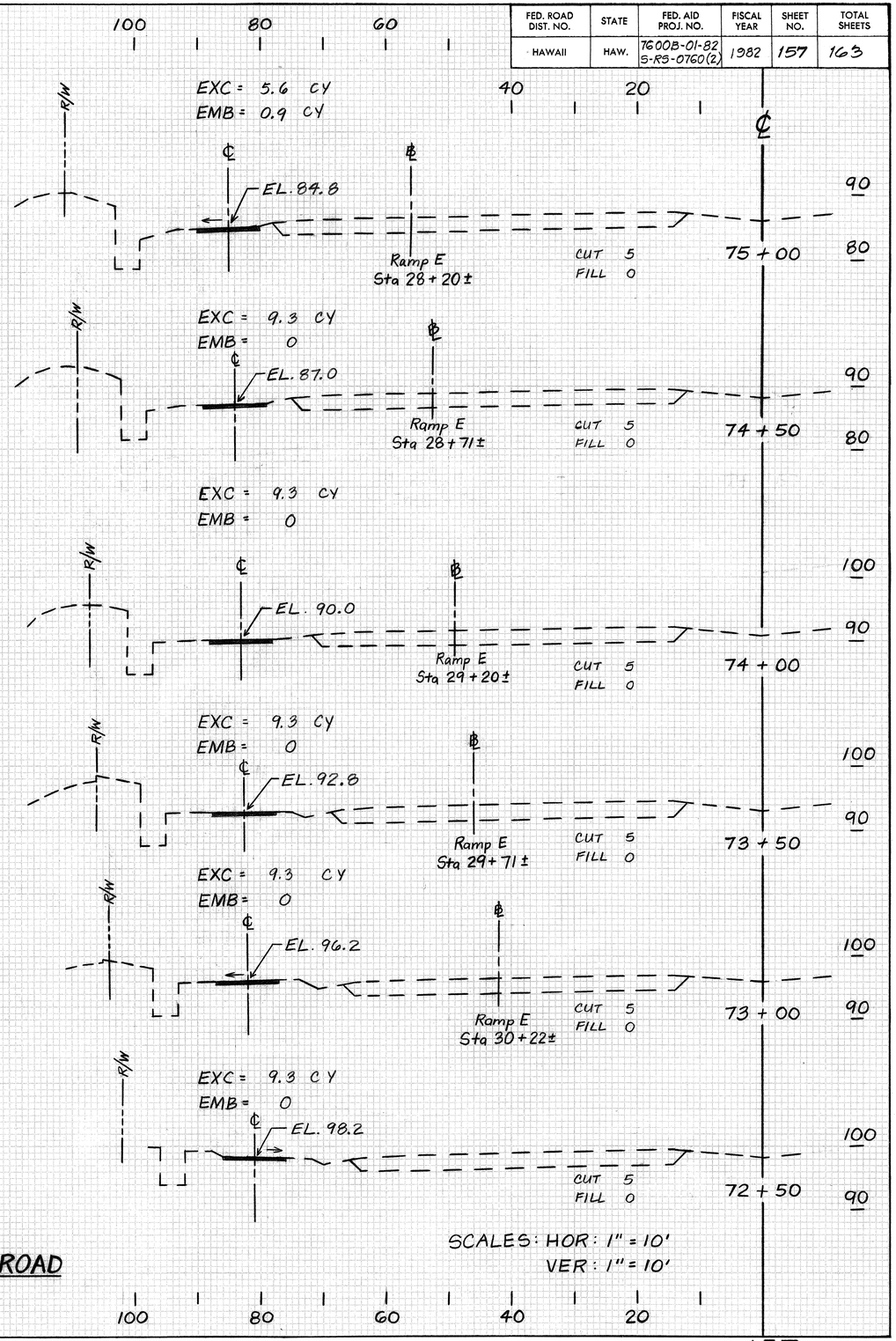


FORT WEAVER ROAD

SCALES: HOR: 1" = 10'
VER: 1" = 10'

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	TG00B-01-82 S-RS-0760(2)	1982	157	163





FORT WEAVER ROAD

SCALES: HOR: 1" = 10'
VER: 1" = 10'

157

FINAL SURVEY
ORIGINAL SURVEY
DATE
BY
SURVEYED
PLOTTED
TRAVERSE
POINTS BOOK
AREAS
AREAS CHECKED
NO.
ALL CROSS SECTIONS TO
CLEARPRINT PAPER CO., S. F. CAL.
NO. 1030-3

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-01-82 S-RS-0760(2)	1982	158	163

EXC = 6.6 CY
EMB = 2.6 CY
EL. 75.0
Ramp E
Sta 25+20±
CUT 4
FILL 0
78+00

EXC = 7.4 CY
EMB = 0
R/W
EL. 75.0
Ramp E
Sta 25+68±
CUT 4
FILL 0
77+50

EXC = 3.7 CY
EMB = 0
Bikeway
Ramp E
Sta 26+16±
CUT 0
FILL 0
77+00

EXC = 0
EMB = 0
Bikeway
Ramp E
Sta 26+70±
CUT 0
FILL 0
76+50

EXC = 1.3 CY
EMB = 1.3 CY
R/W
EL. 82.0
Ramp E
Sta 27+41±
CUT 1
FILL 1
75+78.03

EXC = 0.8 CY
EMB = 0.8 CY
R/W
EL. 83.2
Ramp E
Sta 27+70±
CUT 1
FILL 1
75+50

EL. 65.0
Ramp E
Sta 22+15±
CUT 1
FILL 1
81+00

EXC = 0.9 CY
EMB = 2.8 CY
EL. 67.0
Ramp E
Sta 22+66±
CUT 0
FILL 2
80+50

EXC = 0 CY
EMB = 3.7 CY
EL. 69.2
Ramp E
Sta 23+17±
CUT 0
FILL 2
80+00

EXC = 0 CY
EMB = 3.7 CY
EL. 70.8
Ramp E
Sta 23+69±
CUT 0
FILL 2
79+50

EXC = 0 CY
EMB = 3.7 CY
EL. 72.4
Ramp E
Sta 24+19±
CUT 0
FILL 2
79+00

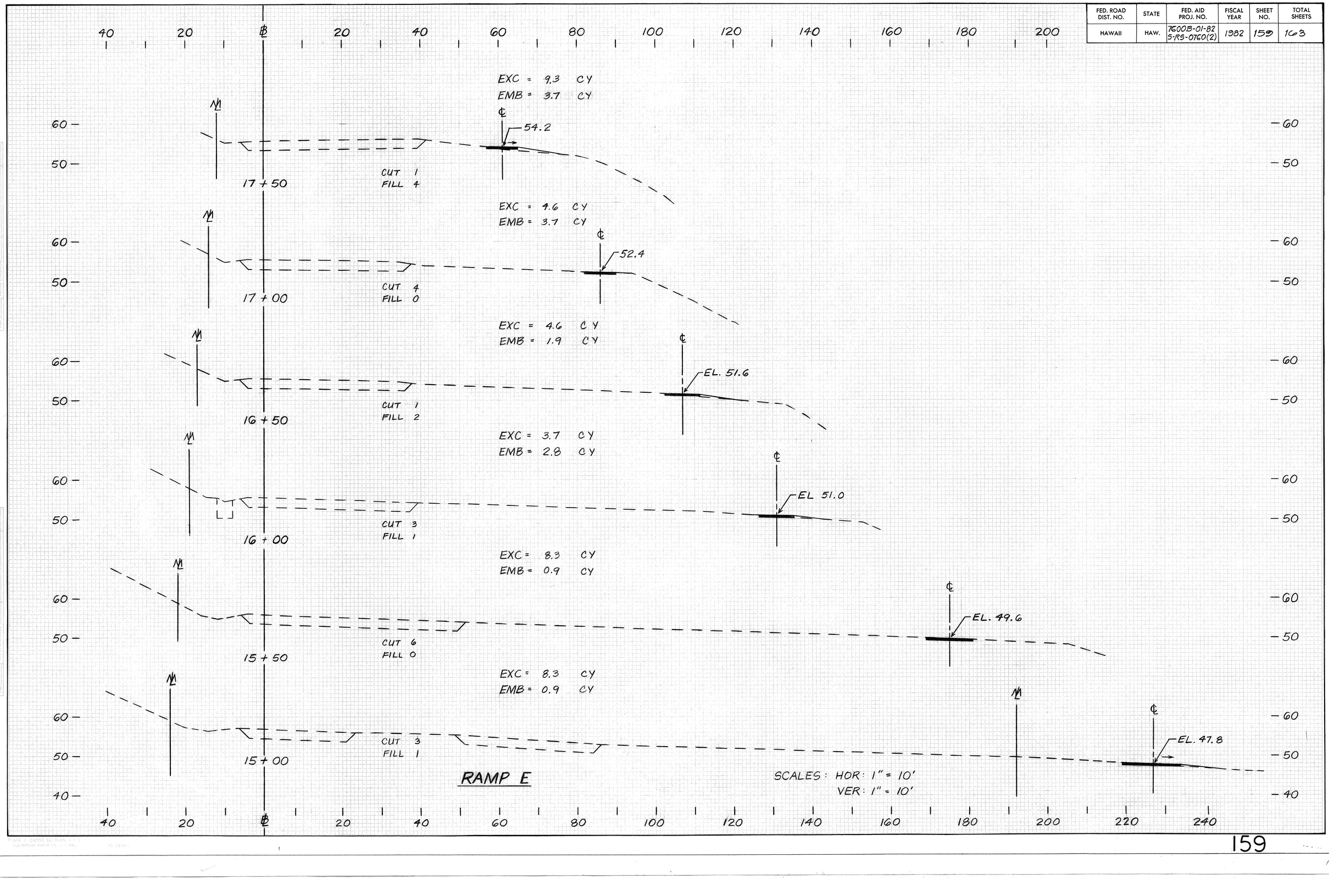
EXC = 0.5 CY
EMB = 2.1 CY
EL. 73.2
Ramp E
Sta 24+47±
CUT 1
FILL 2
78+71.47

FORT WEAVER ROAD

SCALES: HOR: 1" = 10'
VER: 1" = 10'

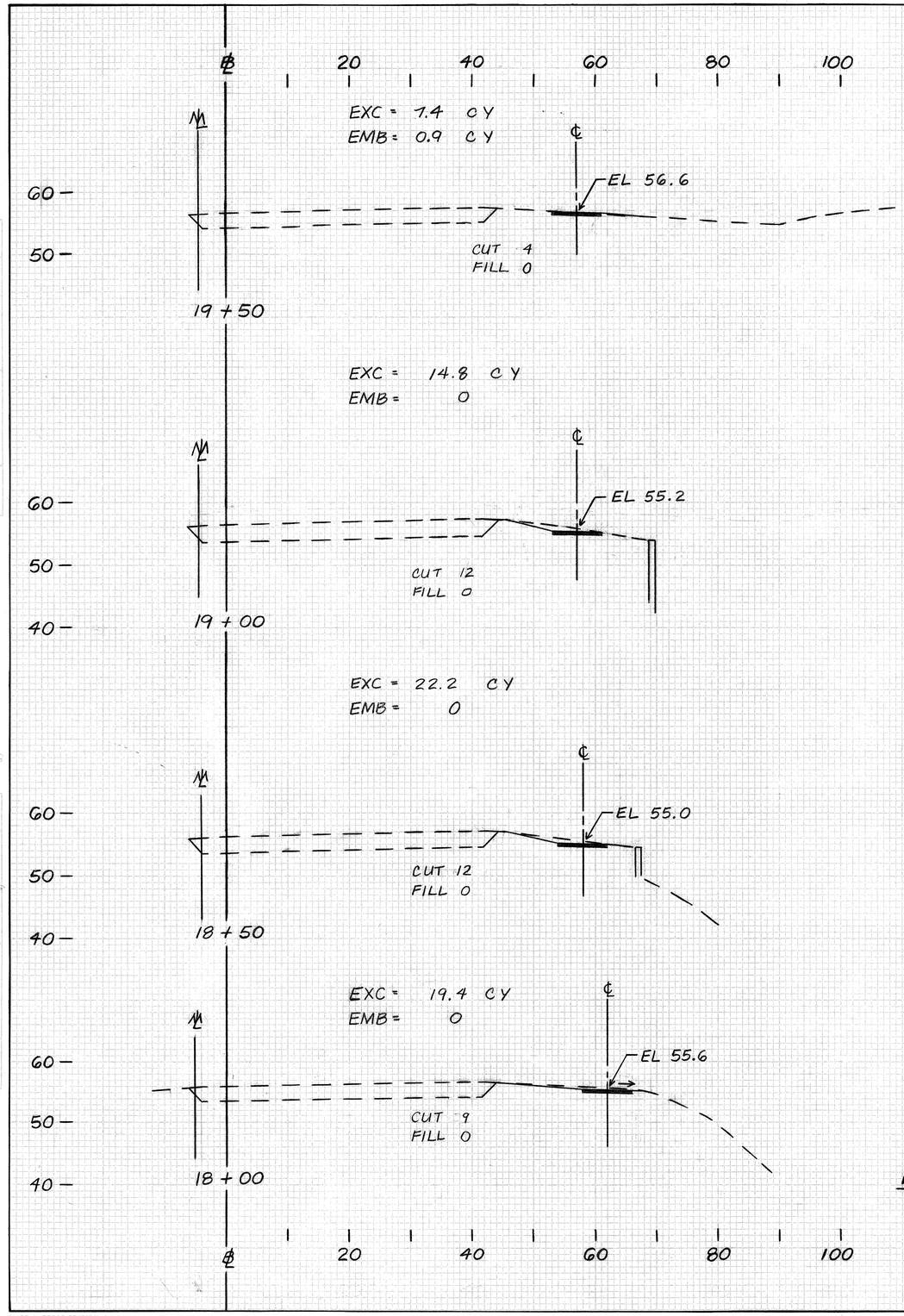
158

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	76008-01-82 S-RS-0760(2)	1982	159	163

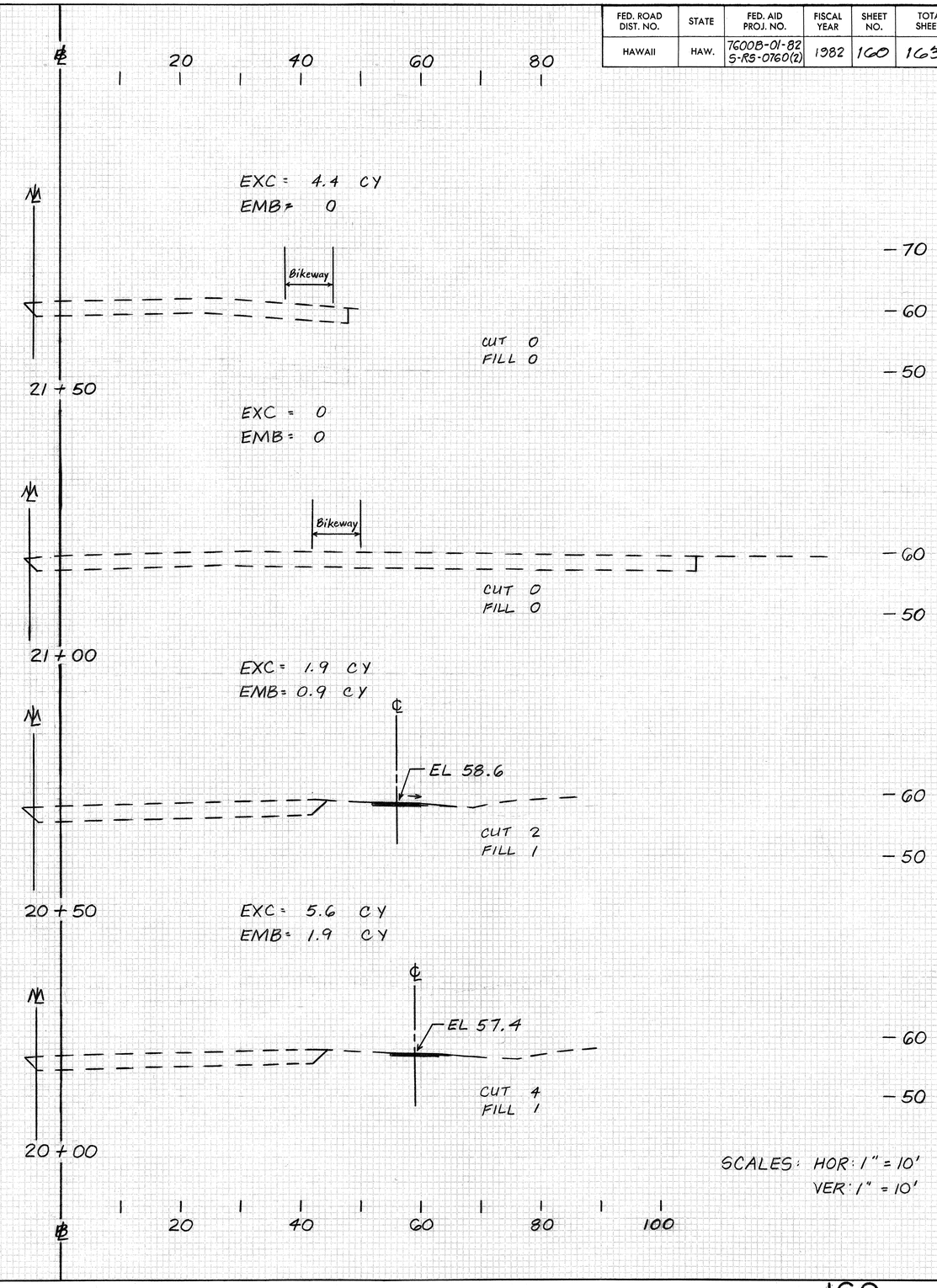


159

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-01-82 S-RS-0760(2)	1982	160	163



RAMP E

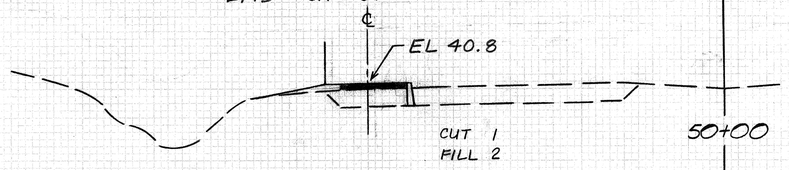


SCALES: HOR: 1" = 10'
VER: 1" = 10'

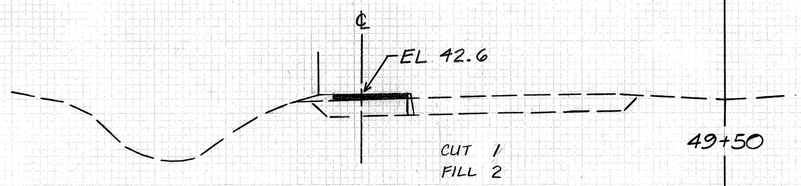
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	76008-01-82 S-R9-0760(2)	1982	161	163

120 100 80 60 40 20 ℄

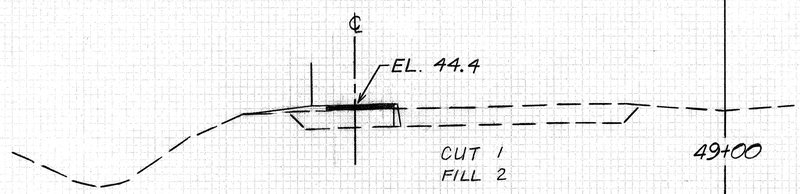
EXC = 1.9 CY
EMB = 3.7 CY



EXC = 1.9 CY
EMB = 3.7 CY

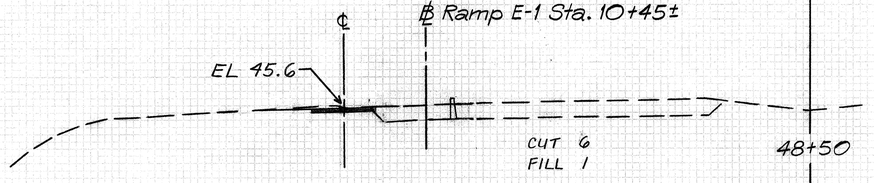


EXC = 1.9 CY
EMB = 3.7 CY



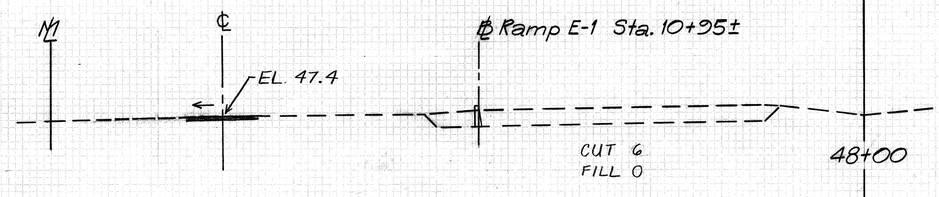
EXC = 6.5 CY
EMB = 1.9 CY

℄ Ramp E-1 Sta. 10+45±



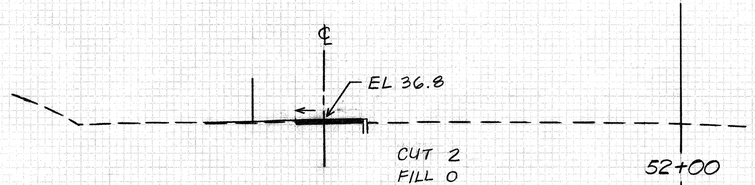
EXC = 16.7 CY
EMB = 1.7 CY

℄ Ramp E-1 Sta. 10+95±

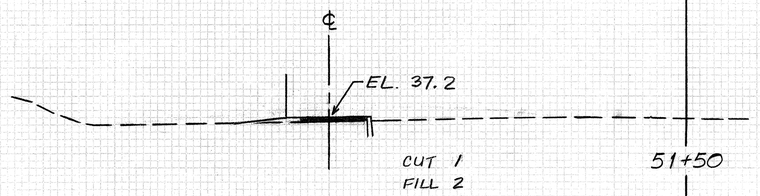


120 100 80 60 40 20 ℄

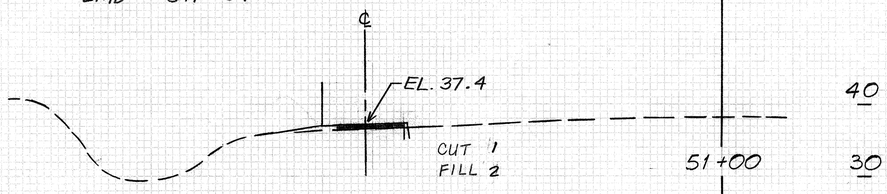
EXC = 2.8 CY
EMB = 1.9 CY



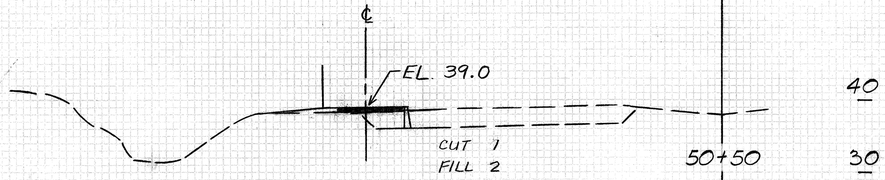
EXC = 2.8 CY
EMB = 1.9 CY



EXC = 1.9 CY
EMB = 3.7 CY

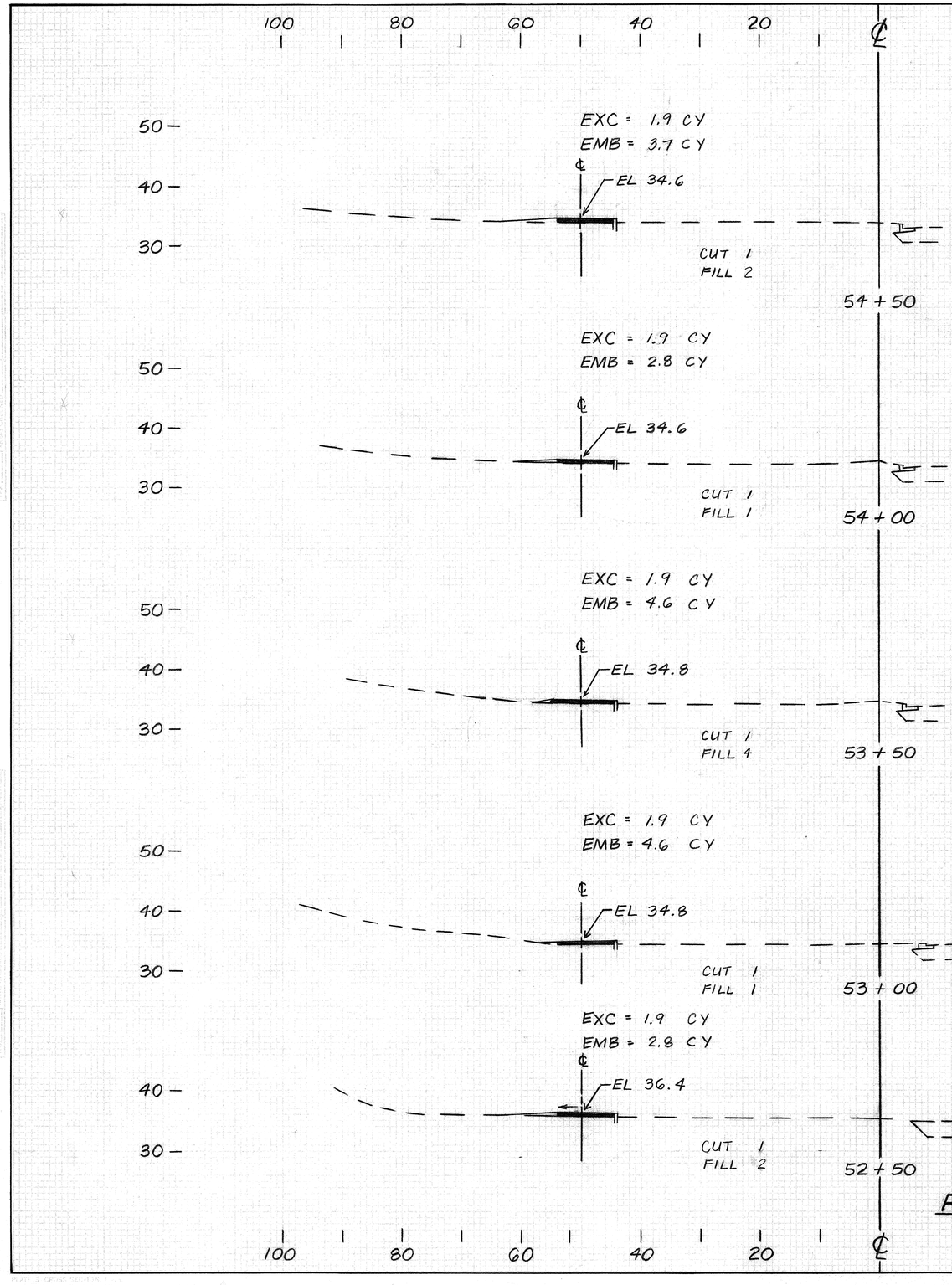
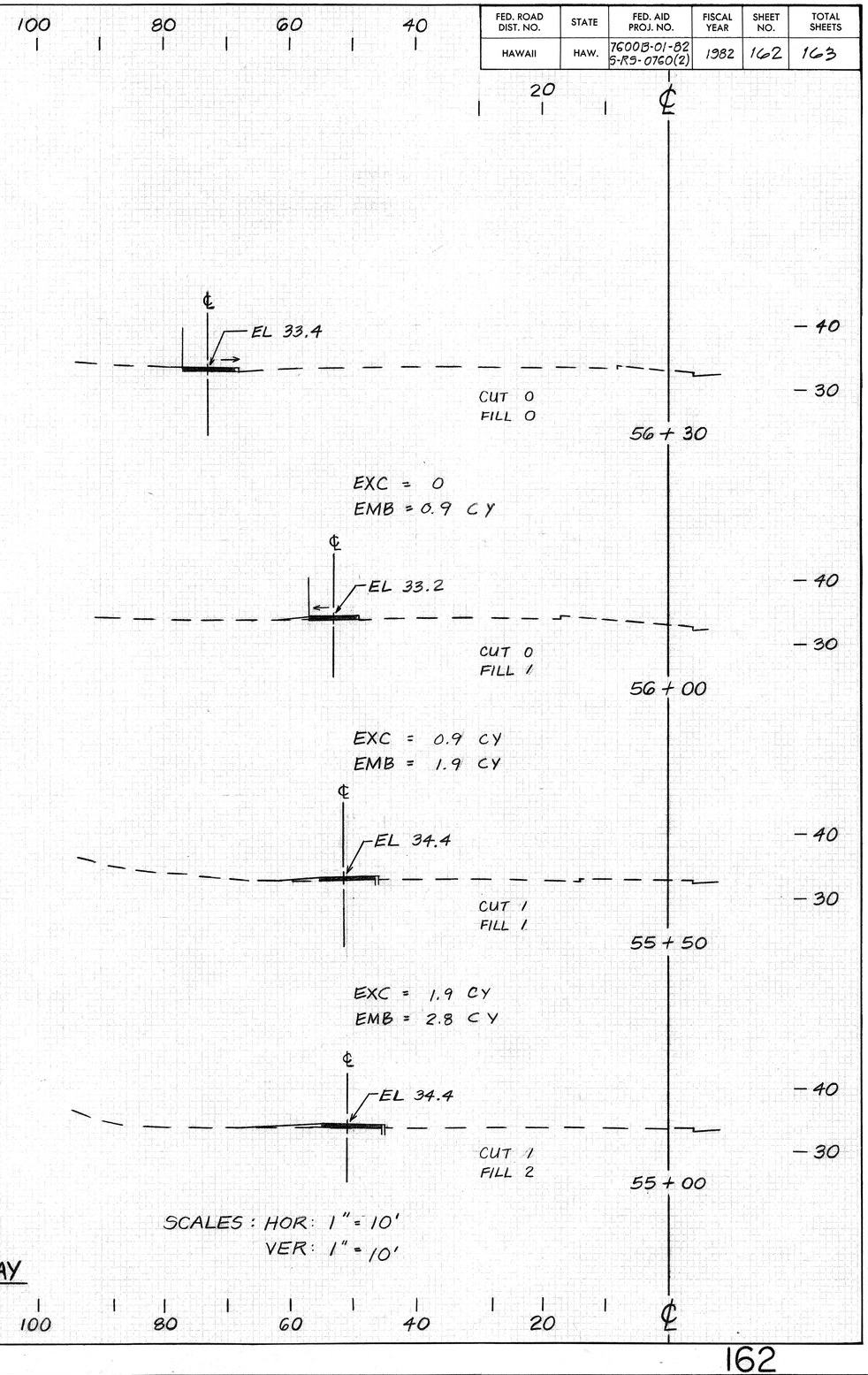


EXC = 1.9 CY
EMB = 3.7 CY



SCALES: HOR: 1" = 10'
VER: 1" = 10'

120 100 80 60 40 20 ℄

FARRINGTON HIGHWAY

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-01-82 S-RS-0760(2)	1982	162	163