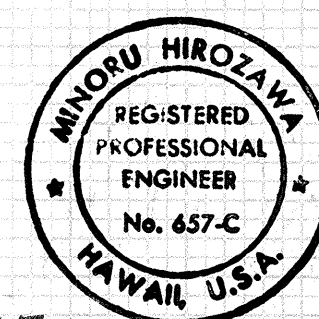
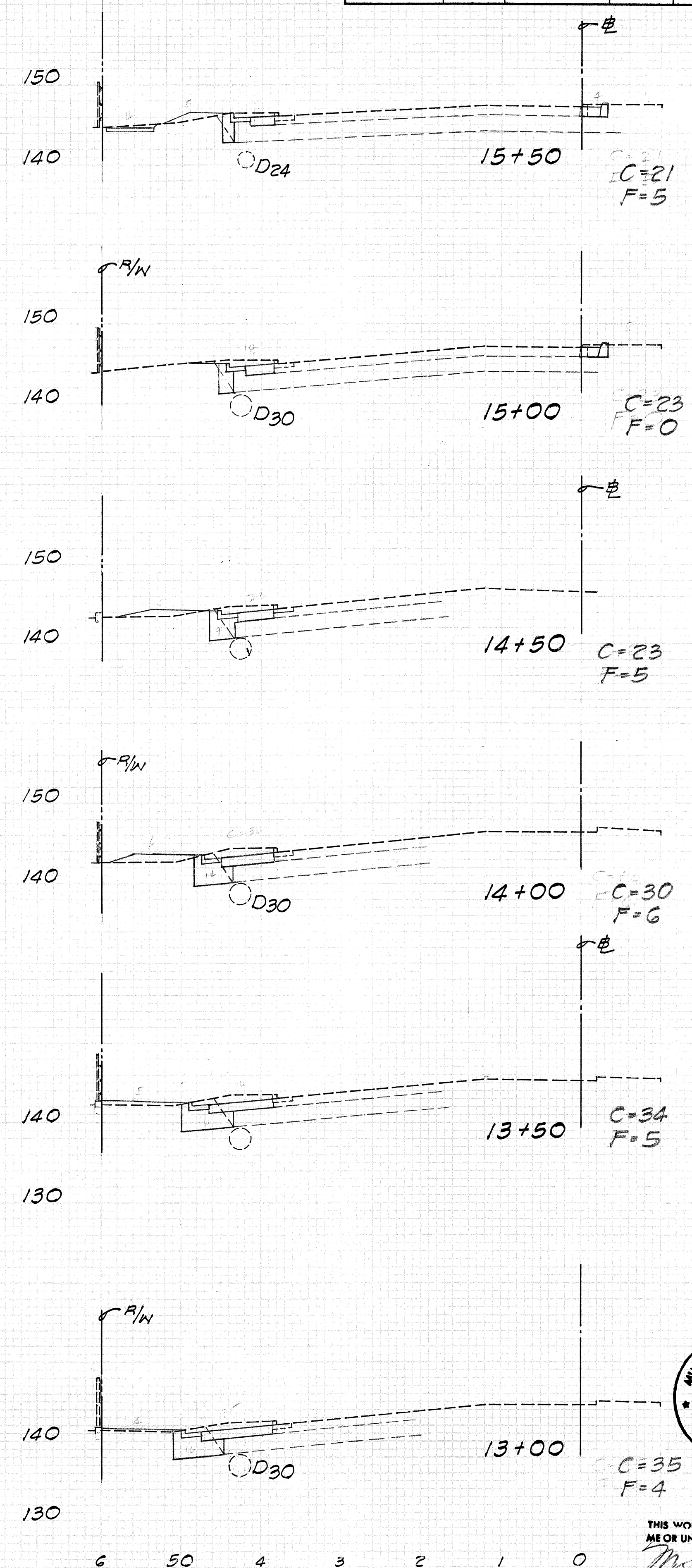
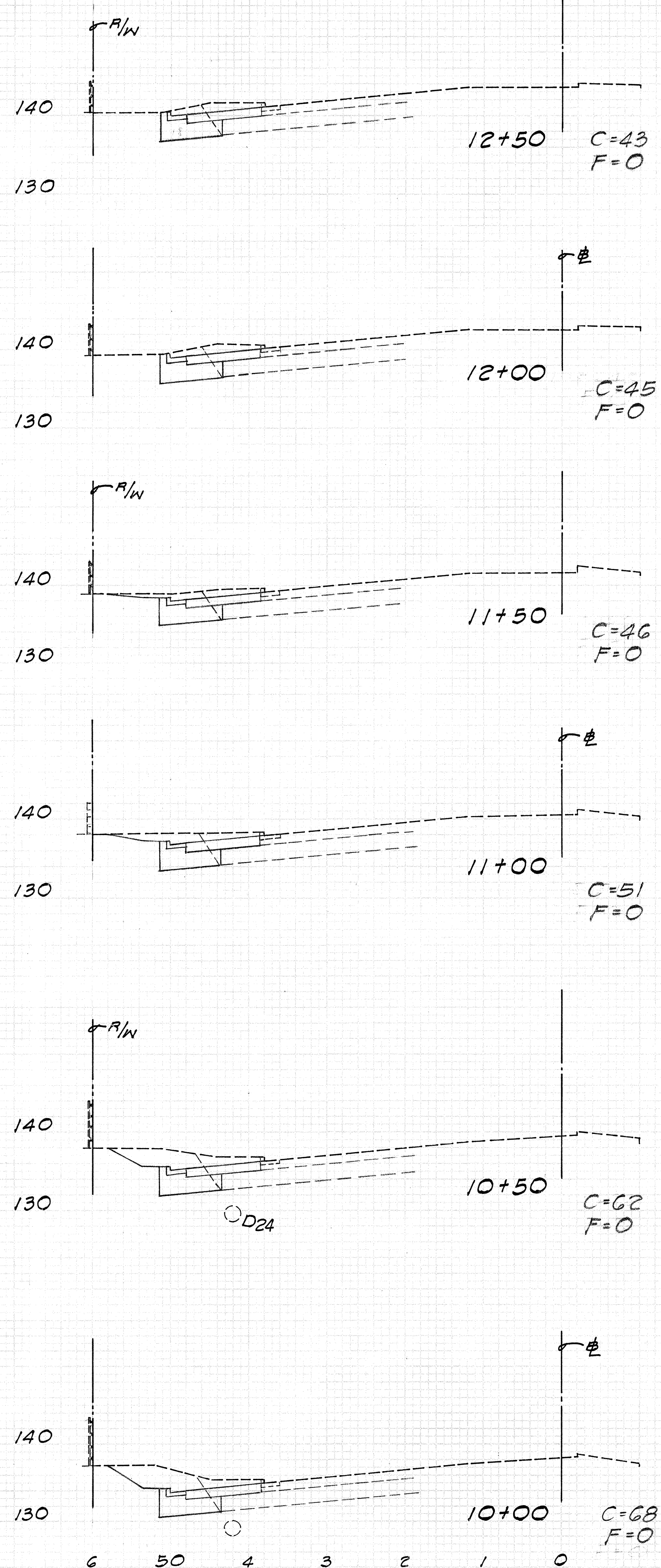
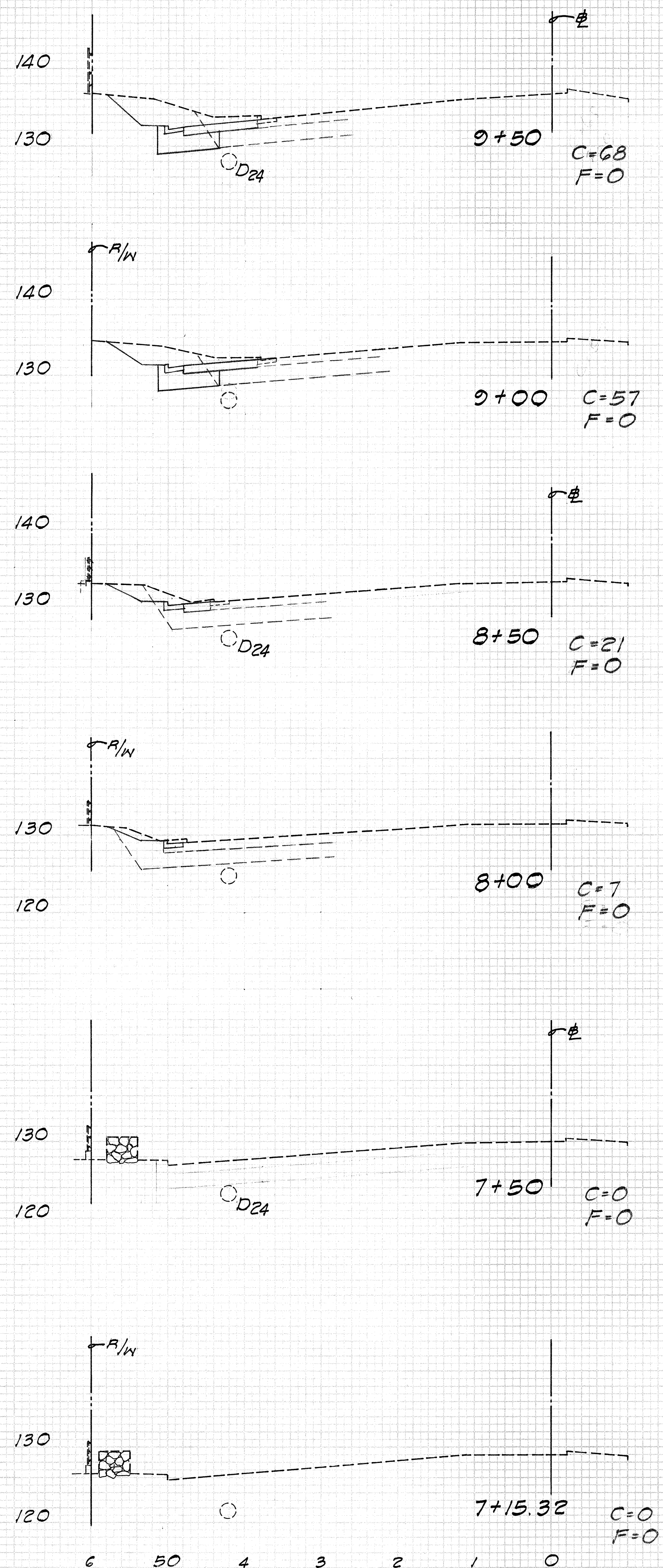


ORIGINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		
NO			



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ME OR UNDER MY SUPERVISION

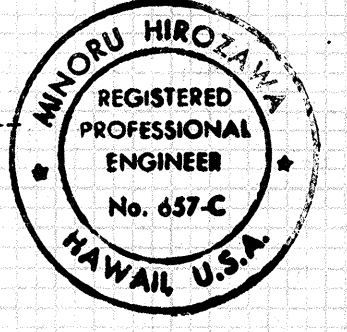
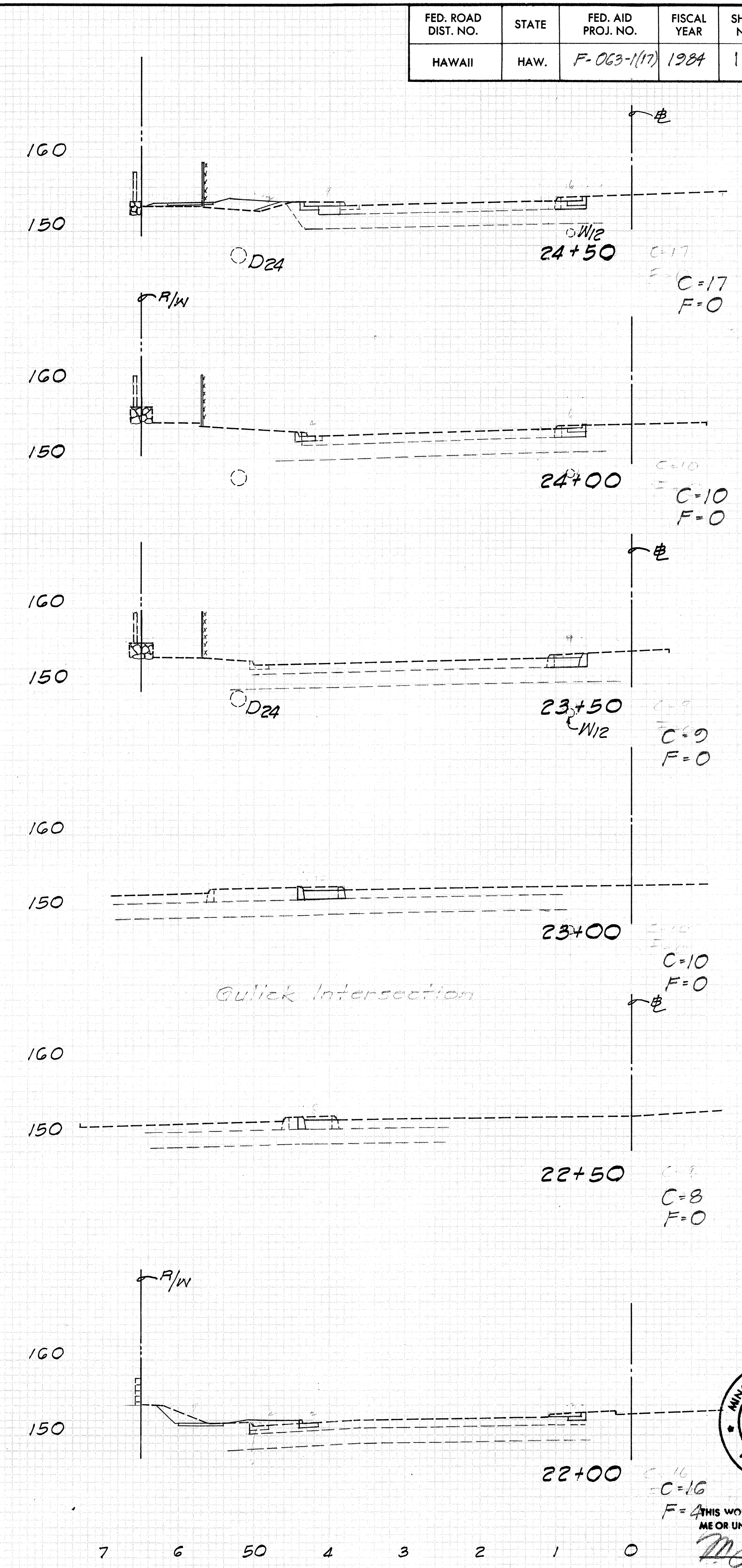
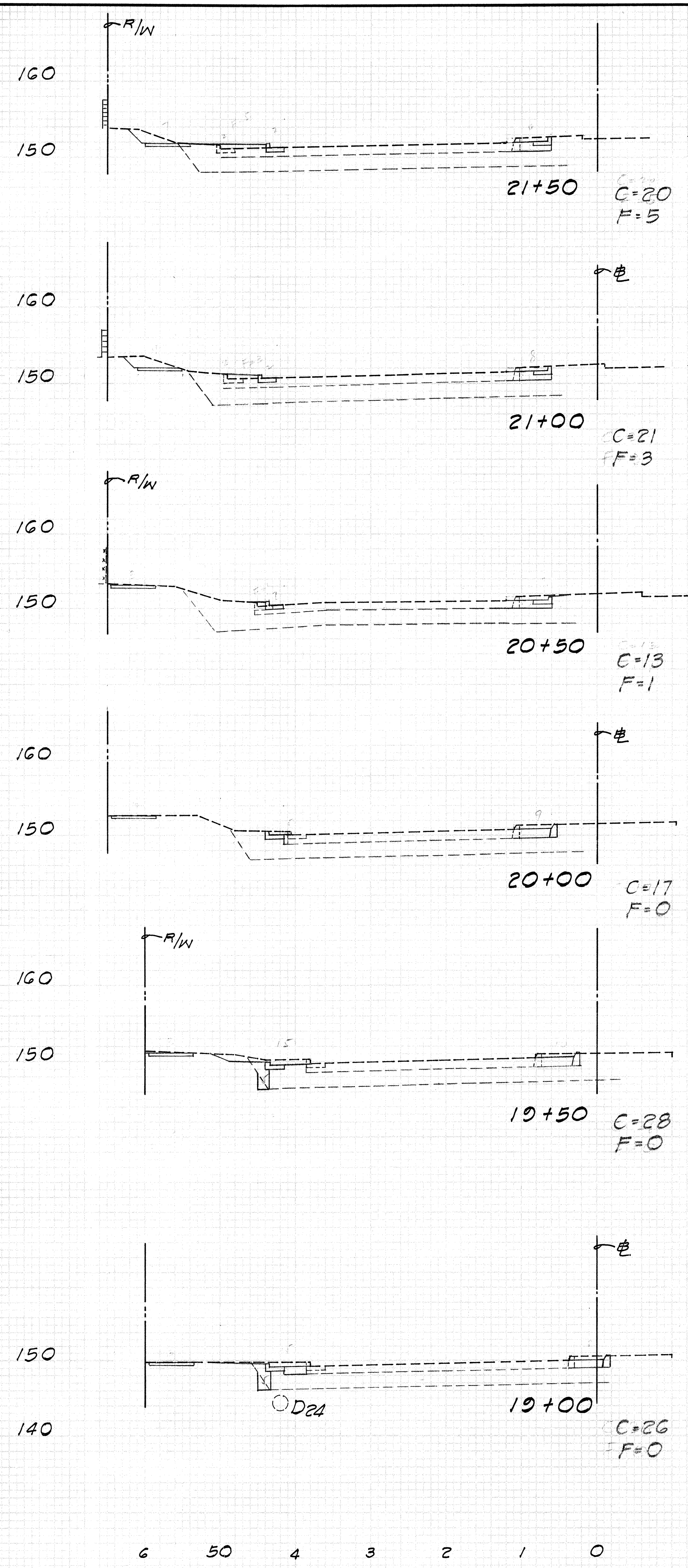
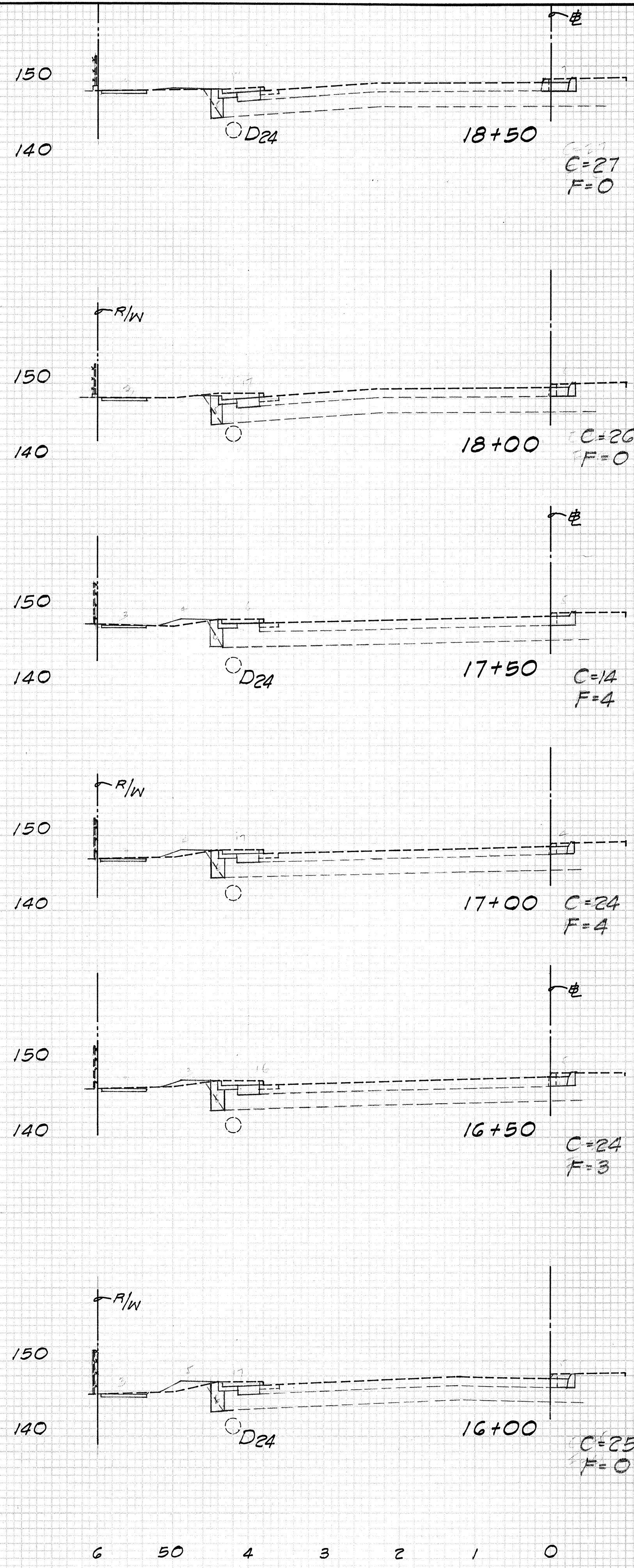
M. H. [Signature]

Signature

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-063-1(17)	1984	114	156

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.		



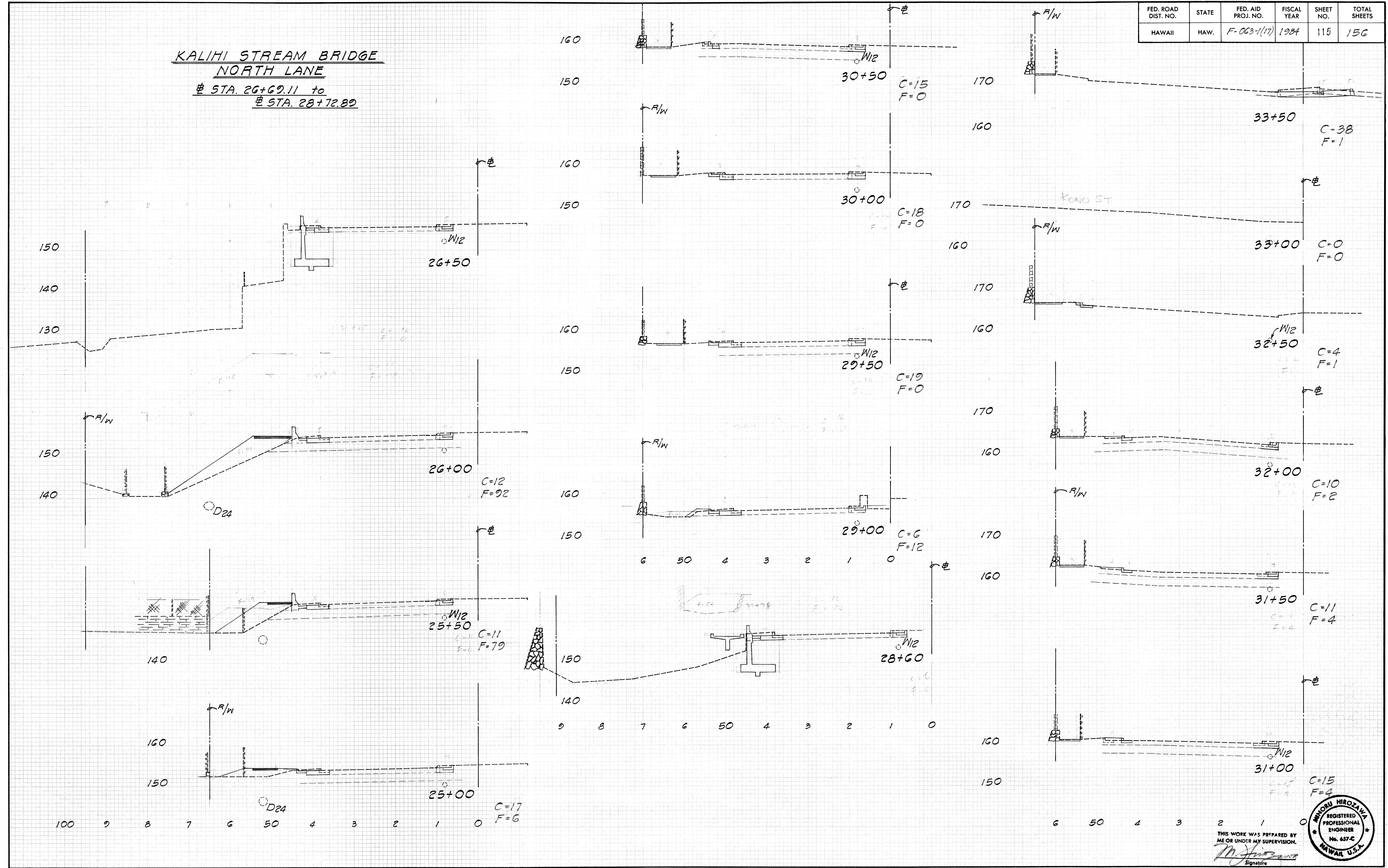
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-063-1(17)	1984	115	156

**KALIHI STREAM BRIDGE
NORTH LANE**
STA. 26+69.11 to
STA. 28+72.89

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

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



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.
M. Hirozawa
Signature

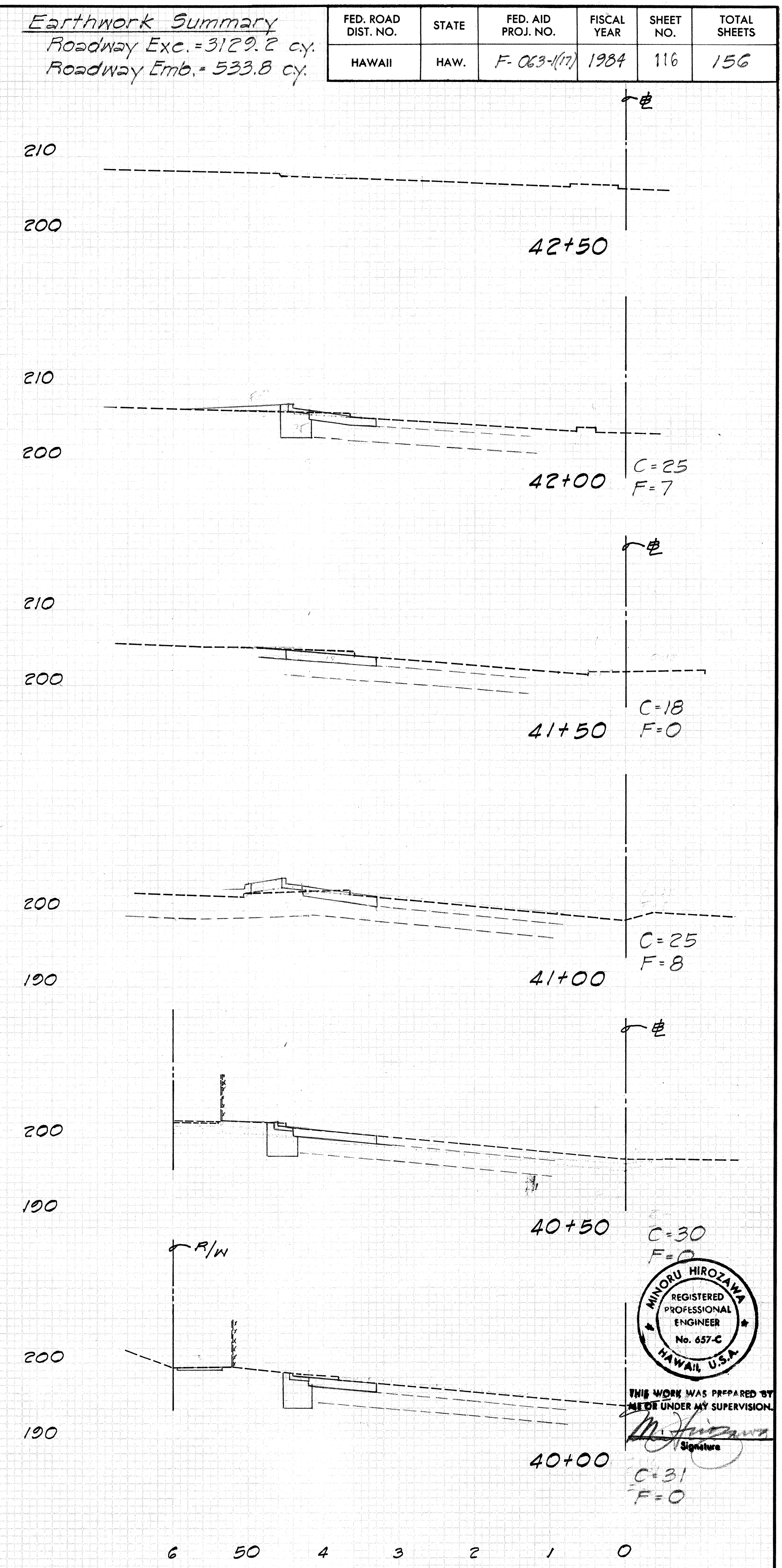
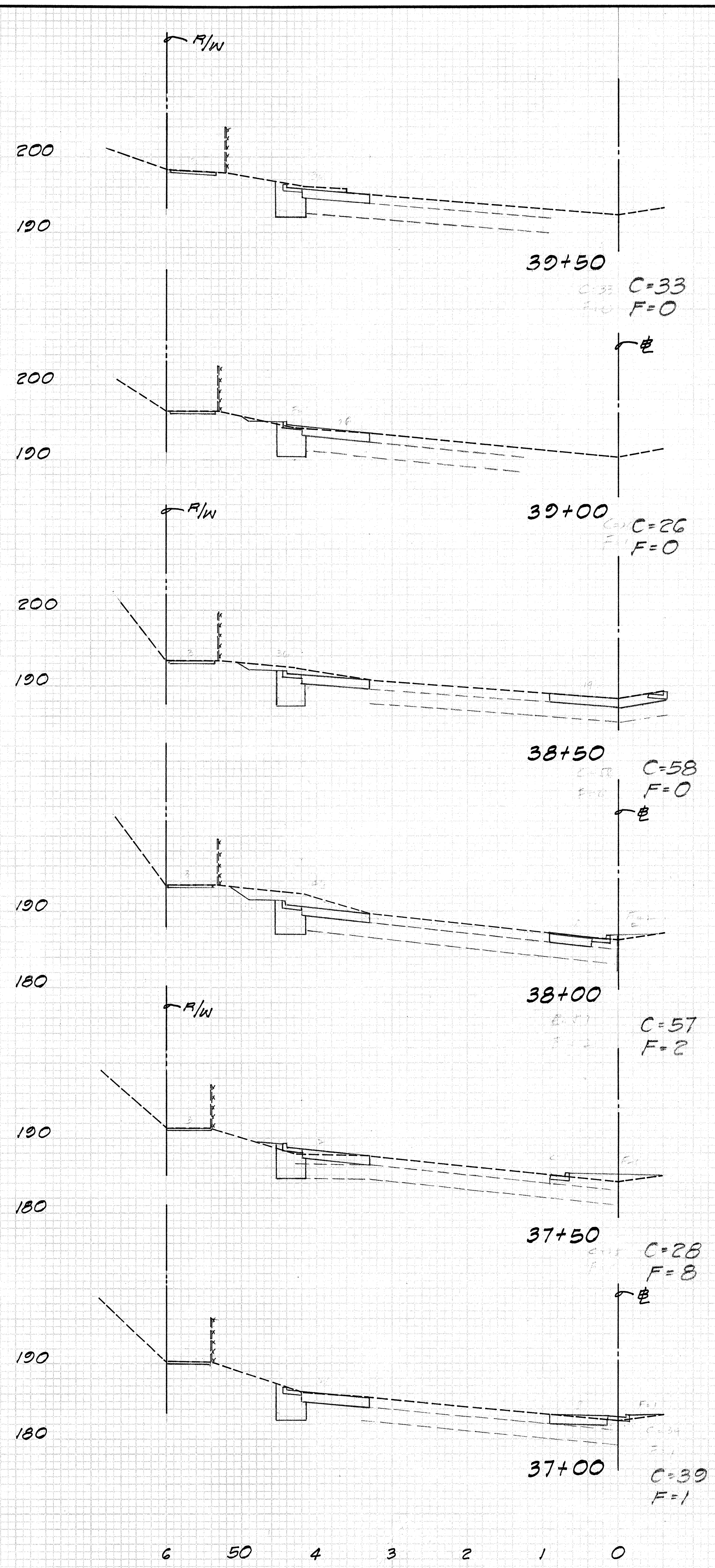
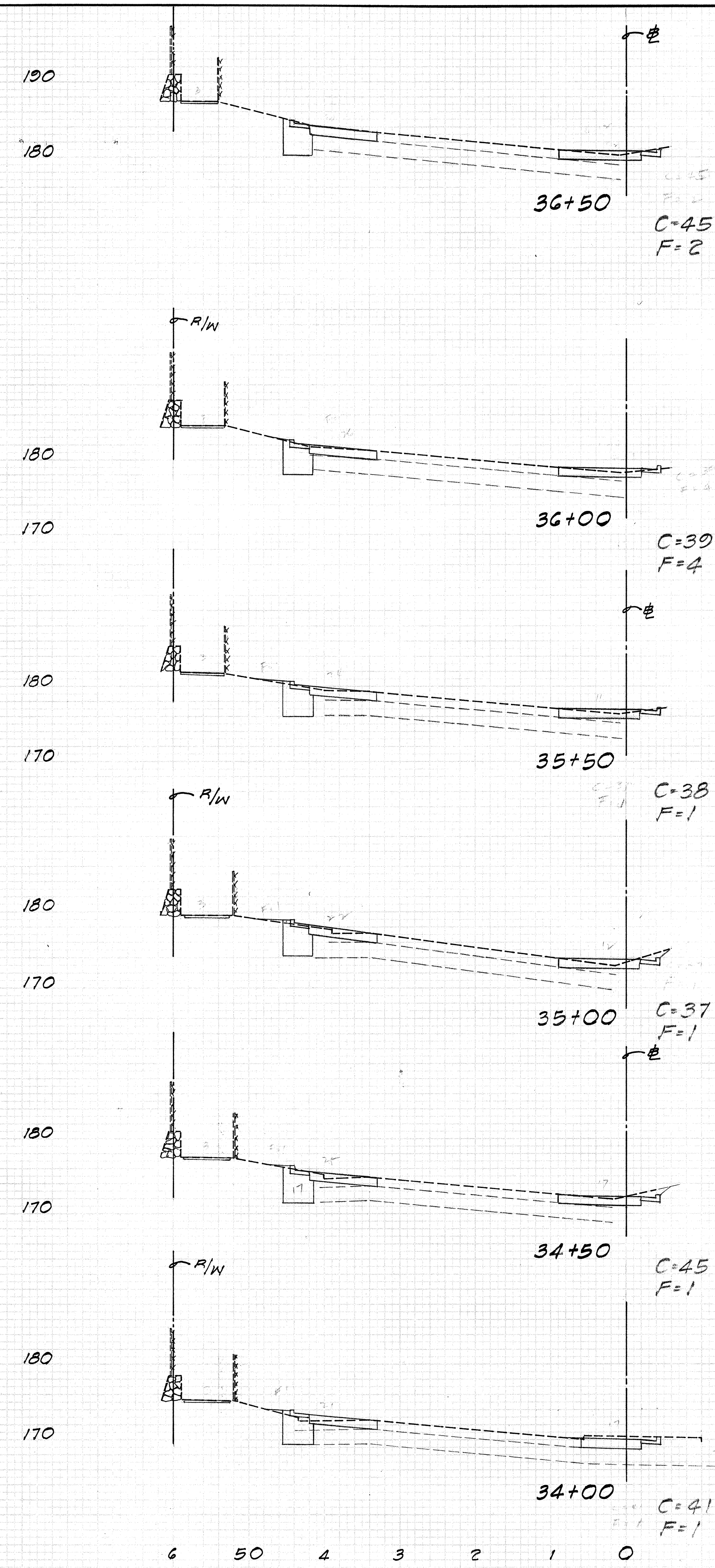
MINORU HIROZAWA
REGISTERED
PROFESSIONAL
ENGINEER
No. 657-C
HAWAII, U.S.A.

DATE	BY	REVIEWED	DATE
ORIGINAL	SURVEY	PLotted	DATE
NO.	NO.	NO.	NO.

DATE	BY	REVIEWED	DATE
ORIGINAL	SURVEY	PLotted	DATE
NO.	NO.	NO.	NO.

Earthwork Summary
 Roadway Exc. = 3129.2 cy.
 Roadway Emb. = 533.8 cy.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-063-1(17)	1984	116	156



MINORU HIROZAWA
 REGISTERED
 PROFESSIONAL
 ENGINEER
 No. 657-C
 HAWAII, U.S.A.
 THIS WORK WAS PREPARED BY
 ME OR UNDER MY SUPERVISION
 Signature