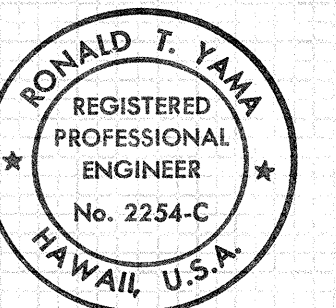
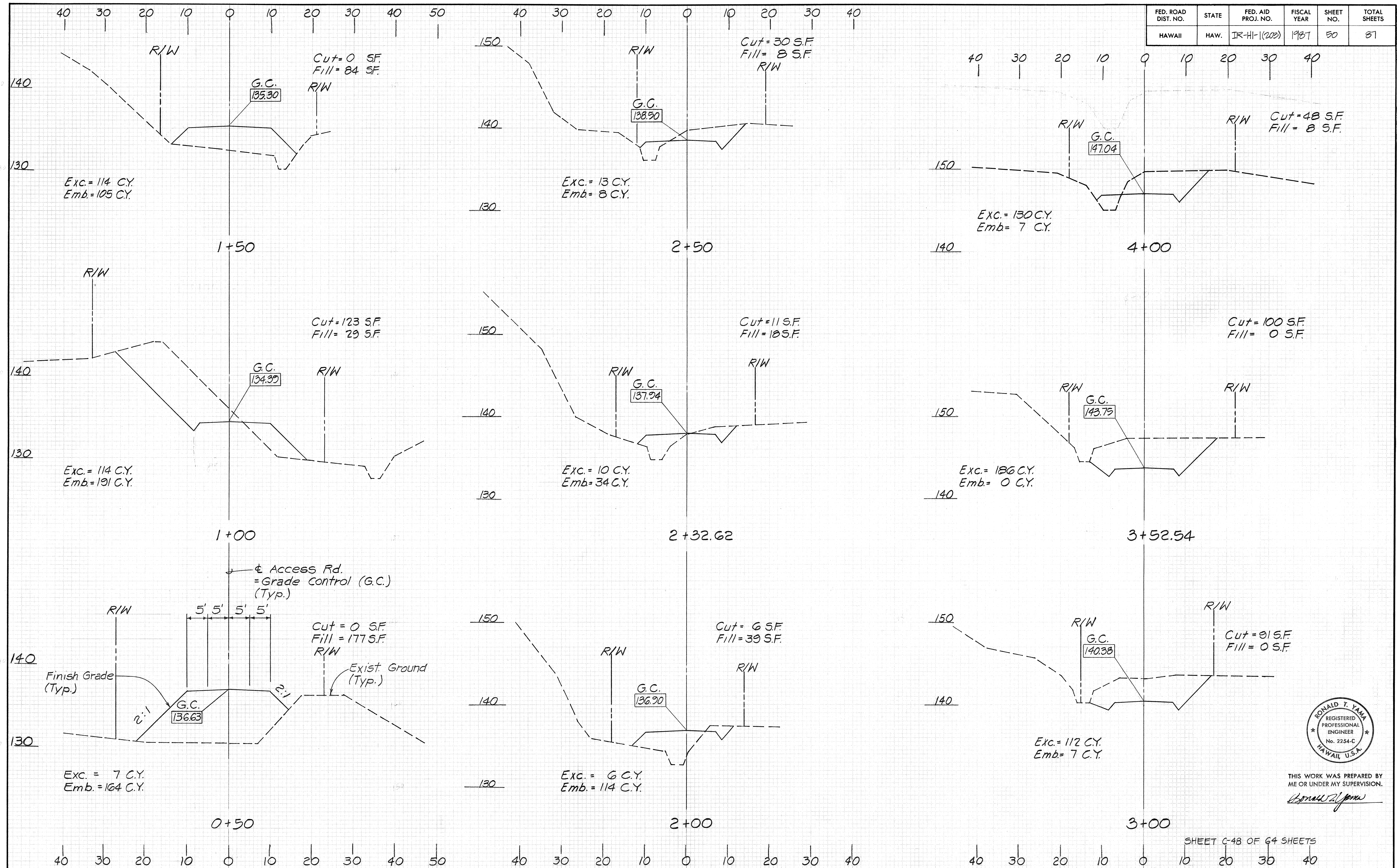


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI-1(200)	1987	50	87

DATE	BY	REVIEWED	DATE	REVIEWED

DATE	BY	REVIEWED	DATE	REVIEWED



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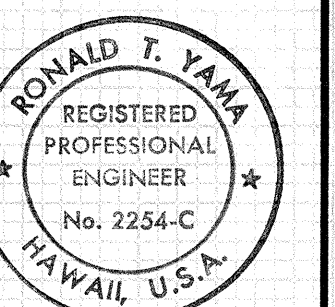
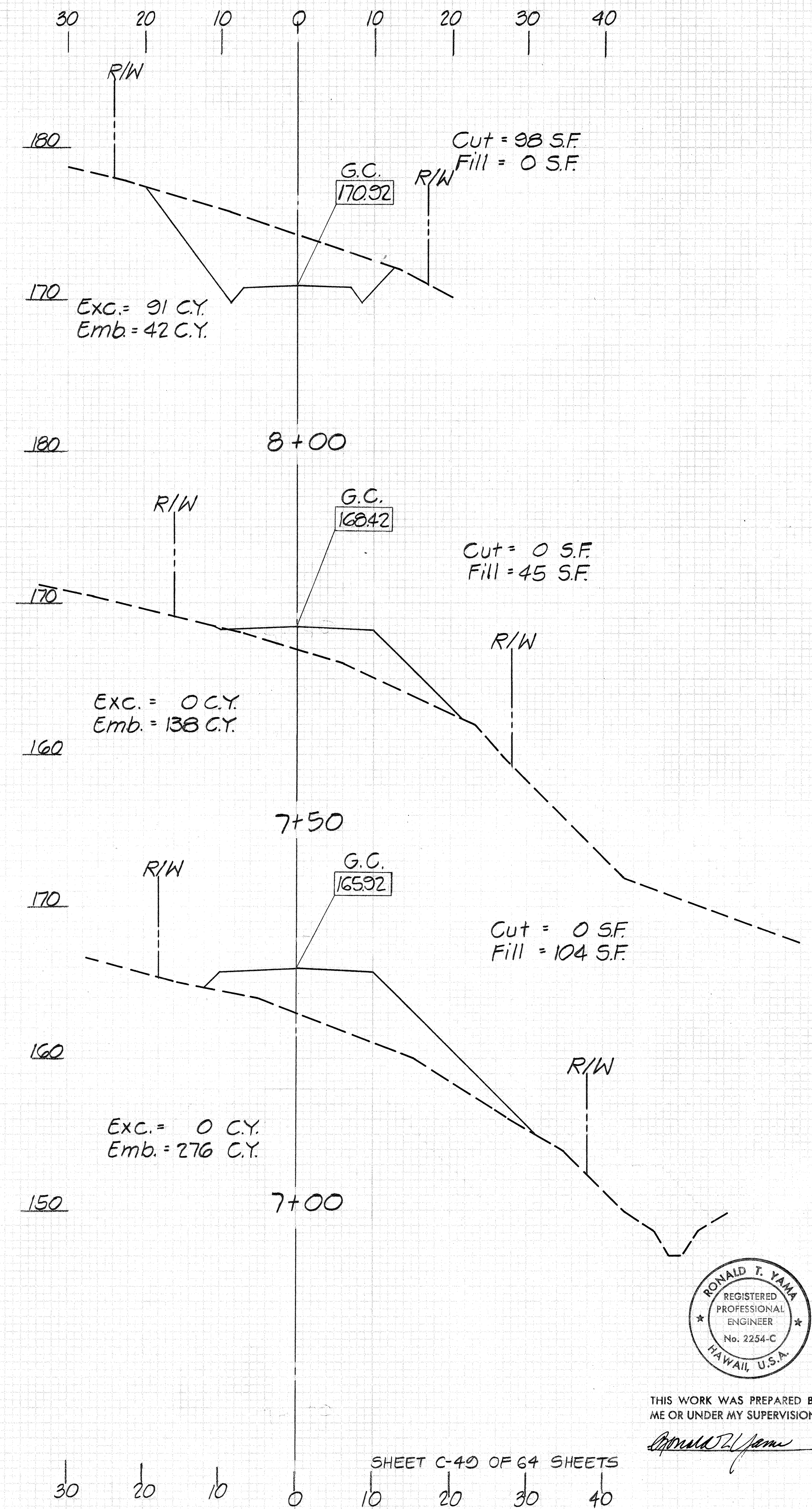
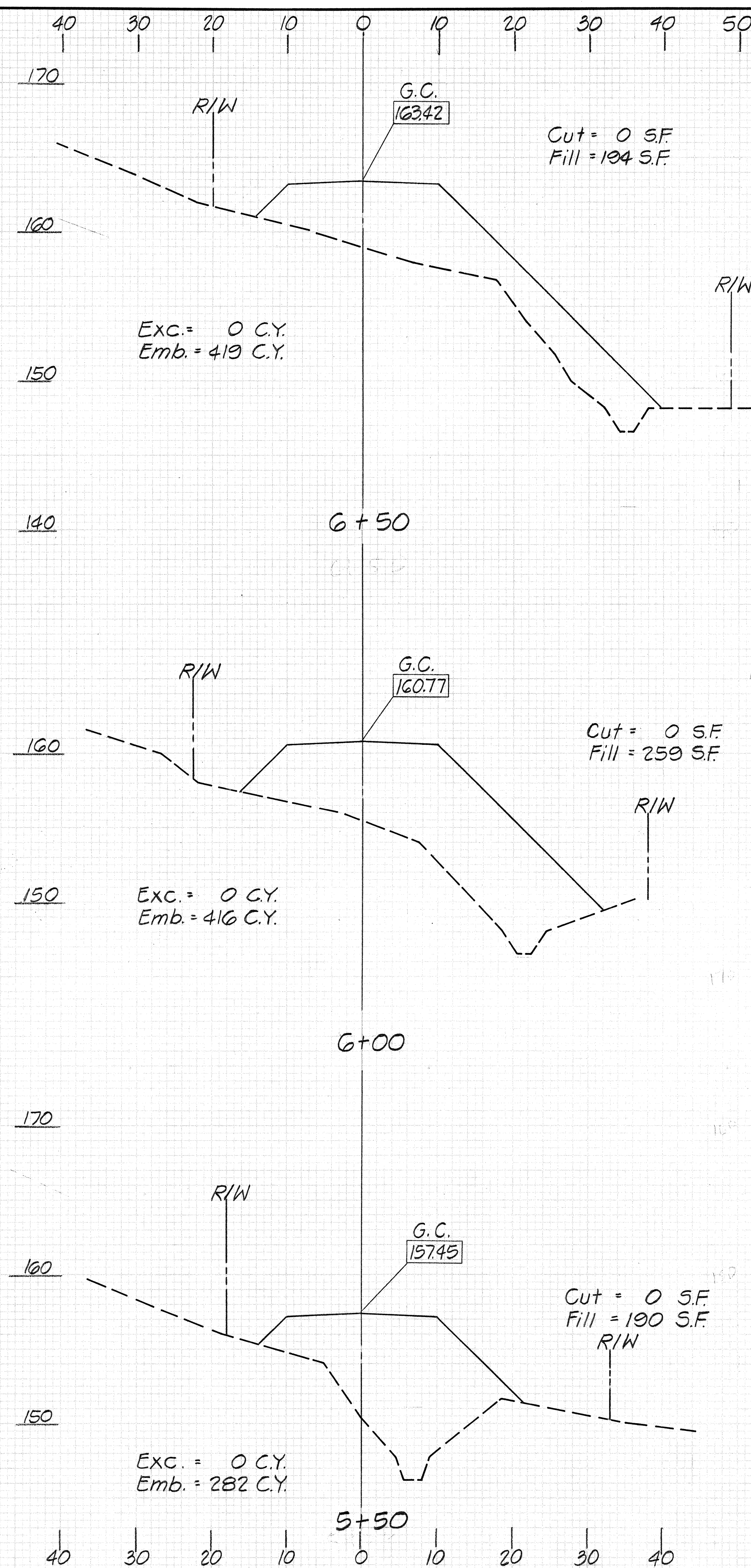
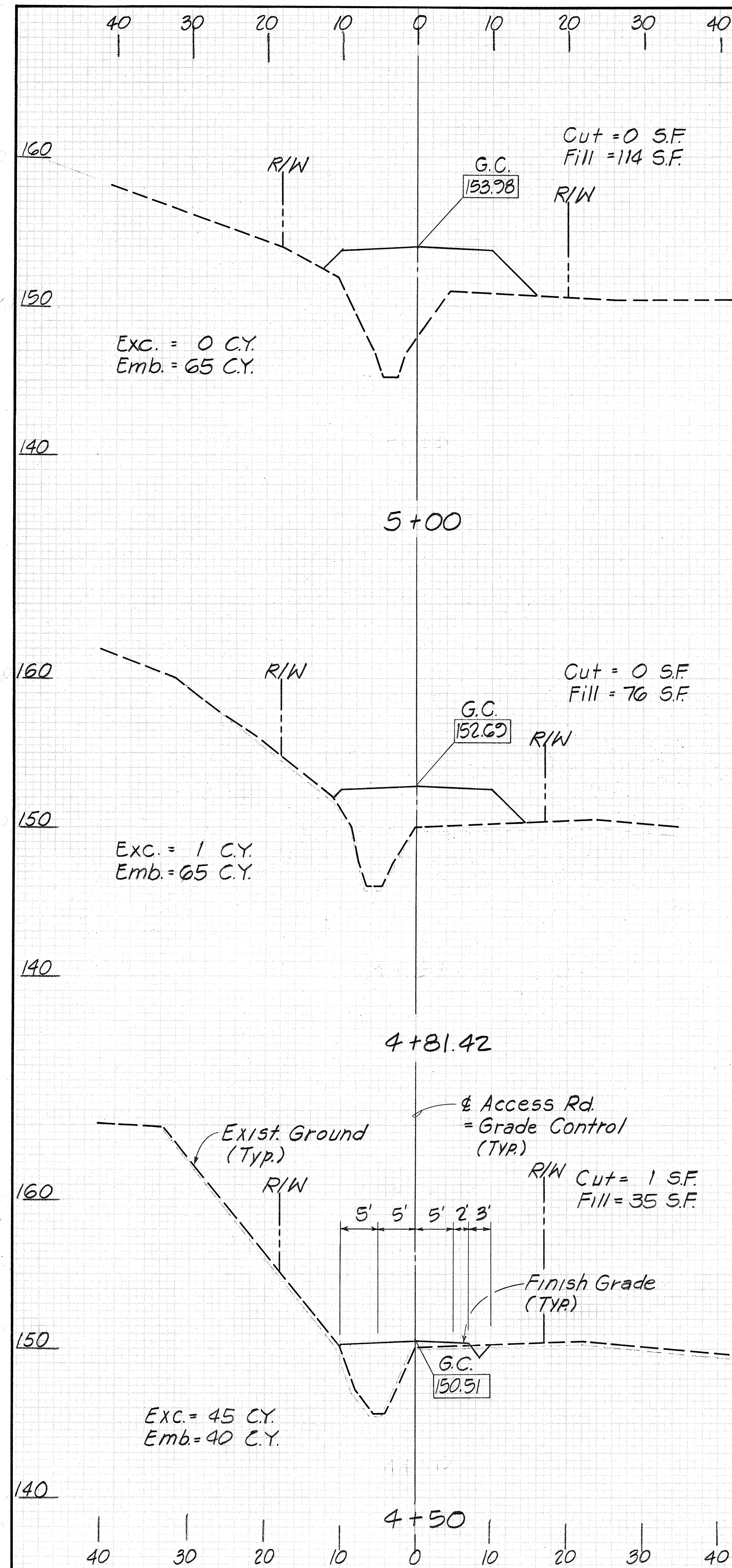
Ronald T. Yama

SHEET C-48 OF 64 SHEETS

DATE	
BY	
SURVEY	
NOTE BOOK	
AREA	
NO.	

DATE	
BY	
SURVEY	
NOTE BOOK	
AREA	
NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IK-H-1(202)	1981	51	87

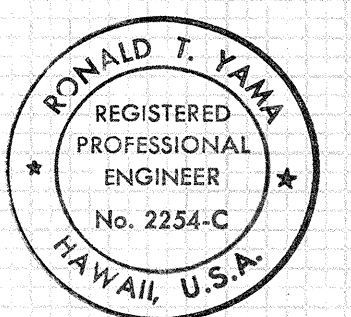
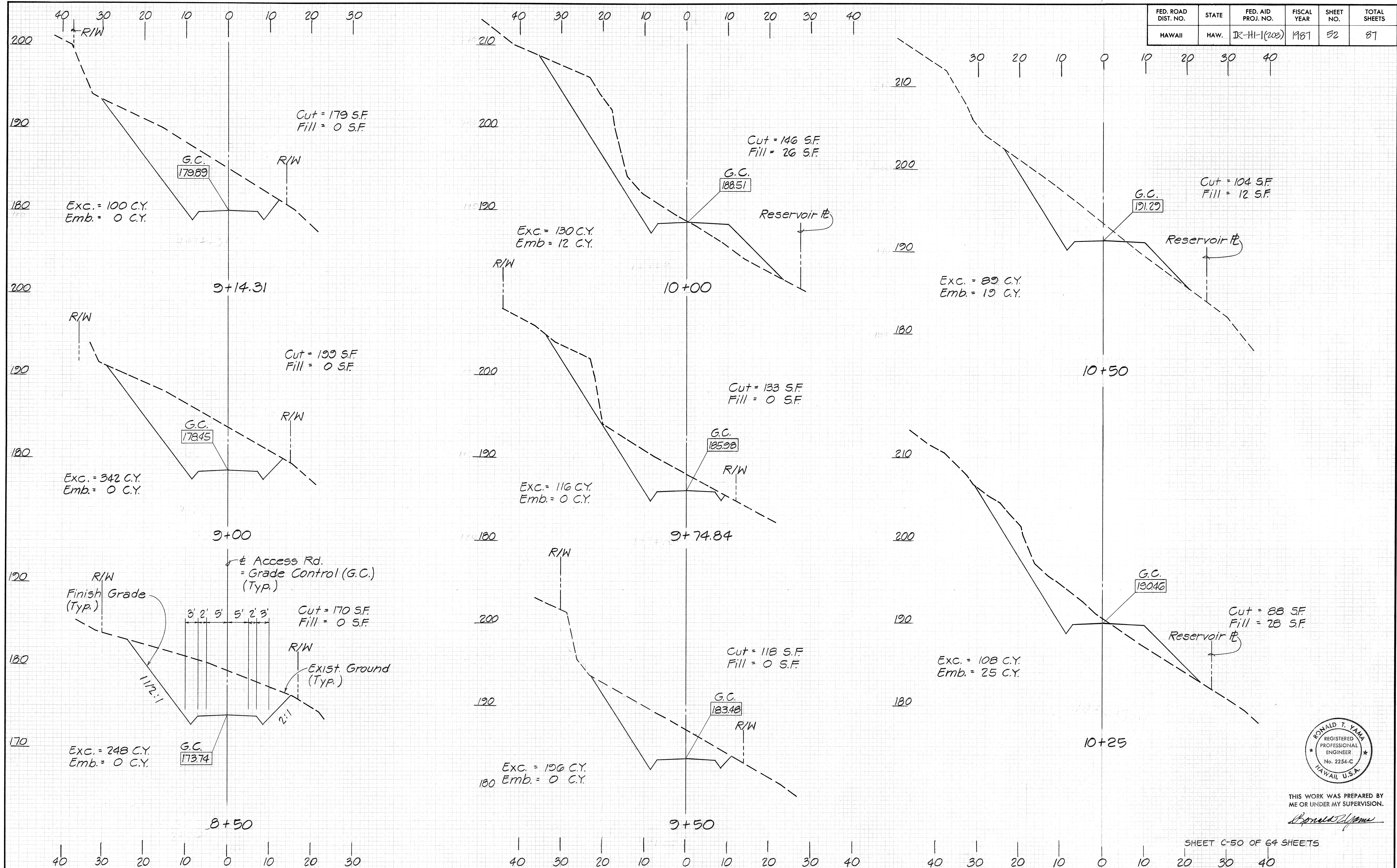


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[Signature]

SHEET C-49 OF 64 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI-1(202)	1987	52	87



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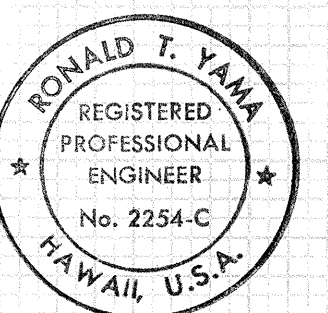
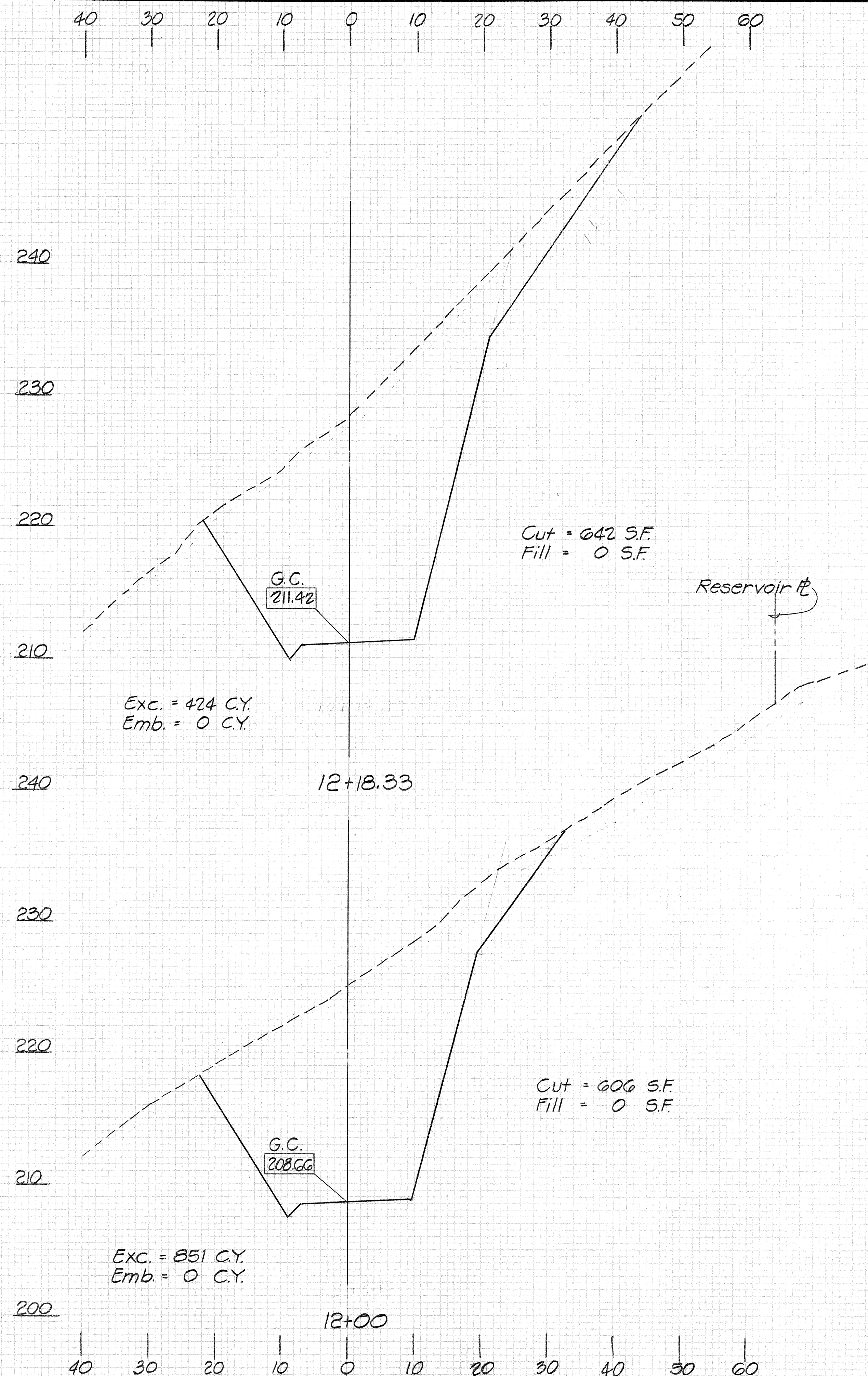
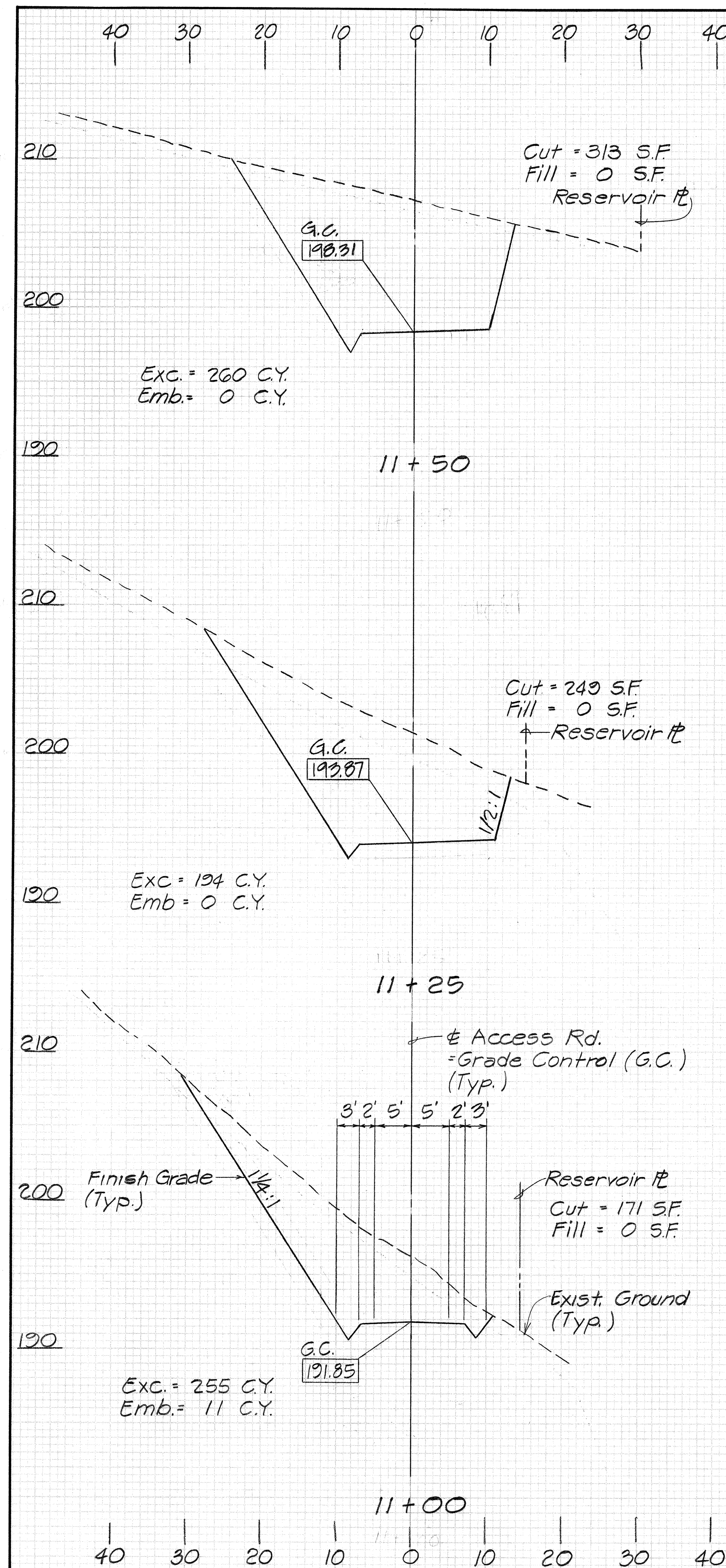
Ronald T. Yama

SHEET C-50 OF 64 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI-1(203)	1981	53	81

EARTHWORK QUANTITIES:

TOTAL EXCAVATION = 4142 C.Y.
TOTAL EMBANKMENT = 2440 C.Y.
NET EXCAVATION = 1702 C.Y.



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Ronald T. Yama

SHEET C-51 OF 64 SHEETS