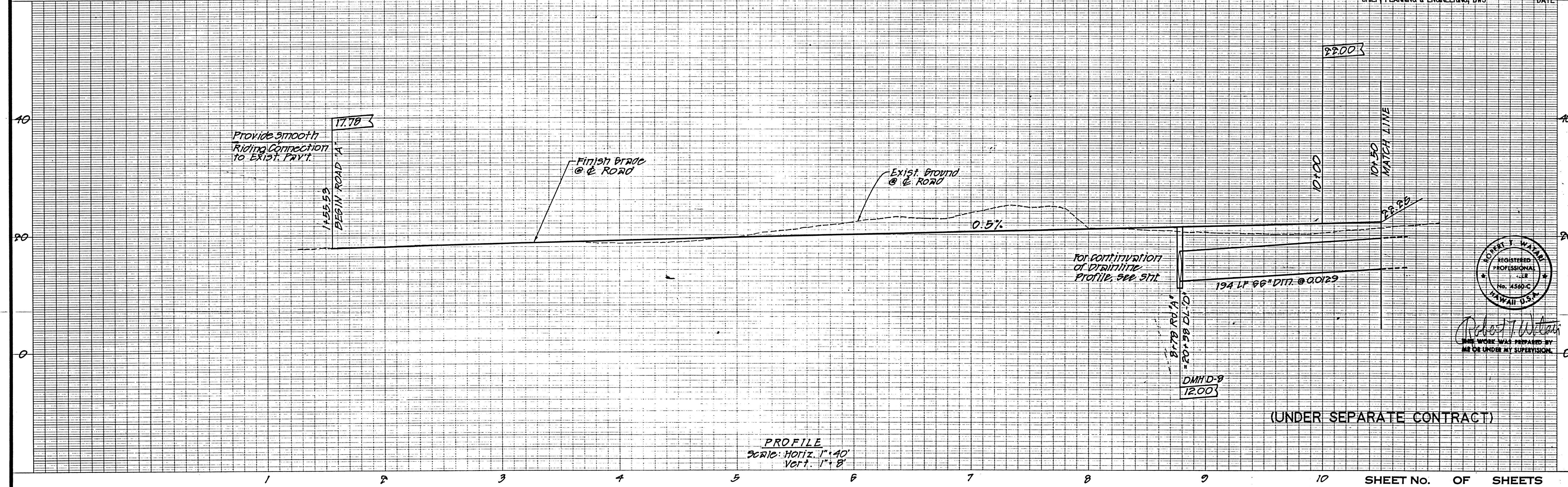
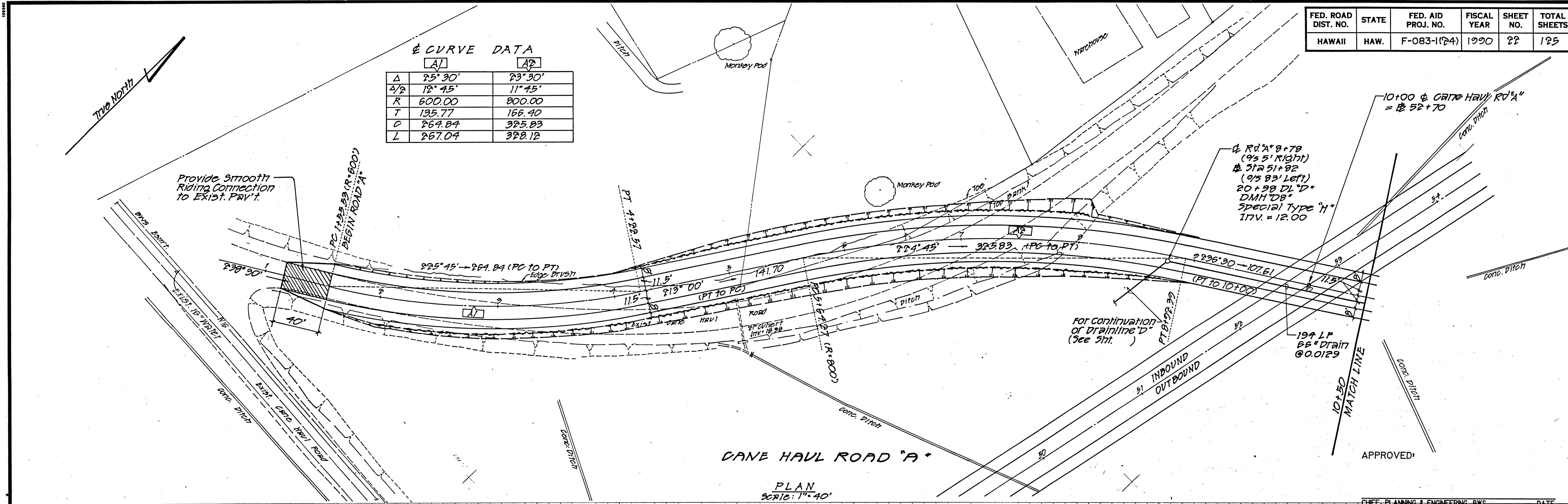


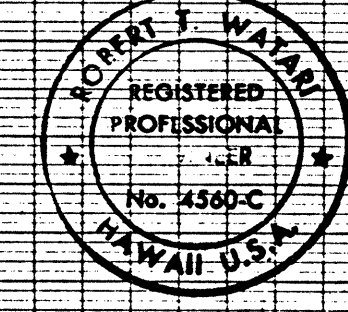
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-083-1(24)	1990	22	125

± CURVE DATA

	A1	A2
Δ	25° 30'	23° 30'
Δ/P	12° 45'	11° 45'
R	600.00	800.00
T	135.77	166.40
C	264.84	325.83
L	267.04	328.12

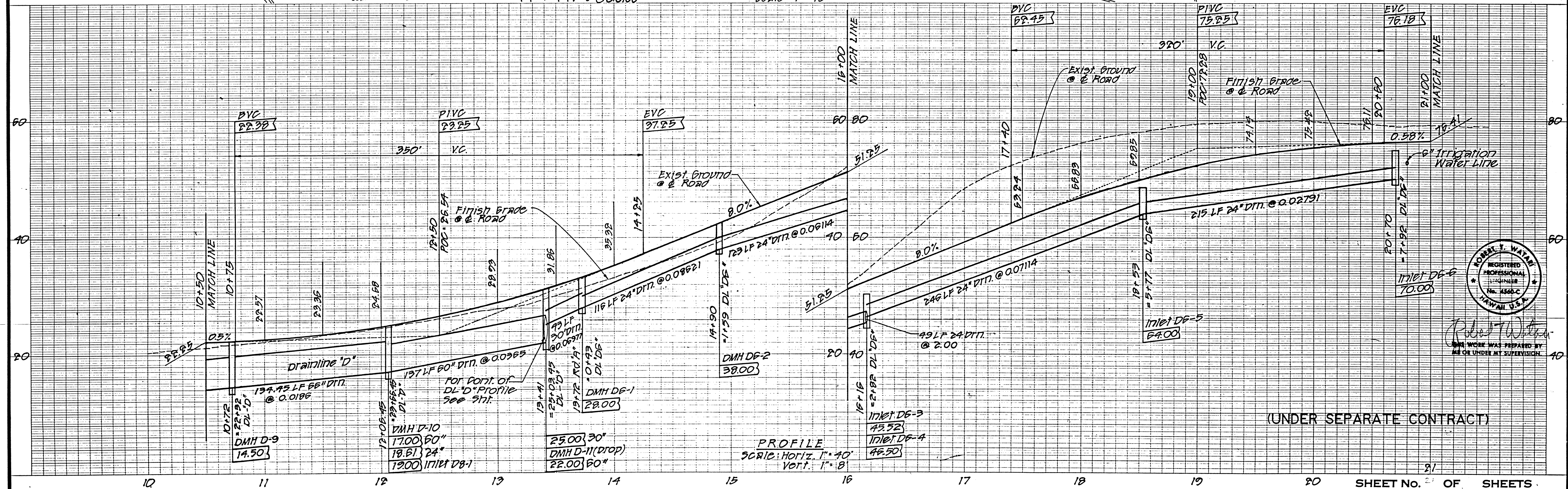
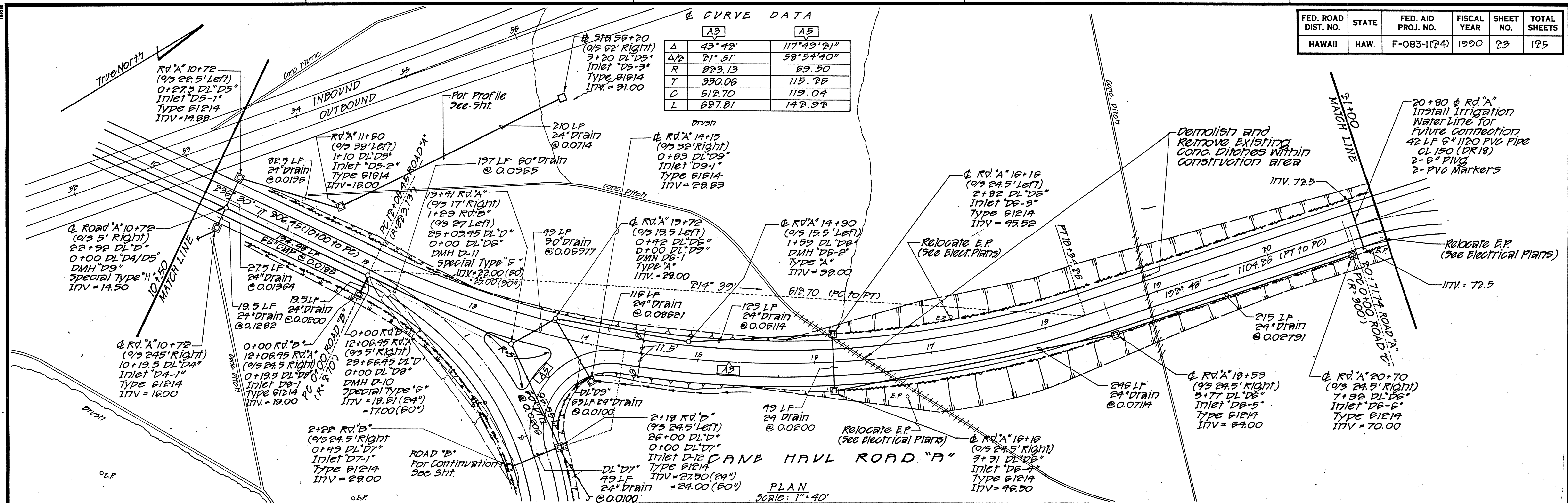


ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	TRACED BY	
	QUANTITIES BY	
	CHECKED BY	



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-083-1(24)	1990	23	125



(UNDER SEPARATE CONTRACT)

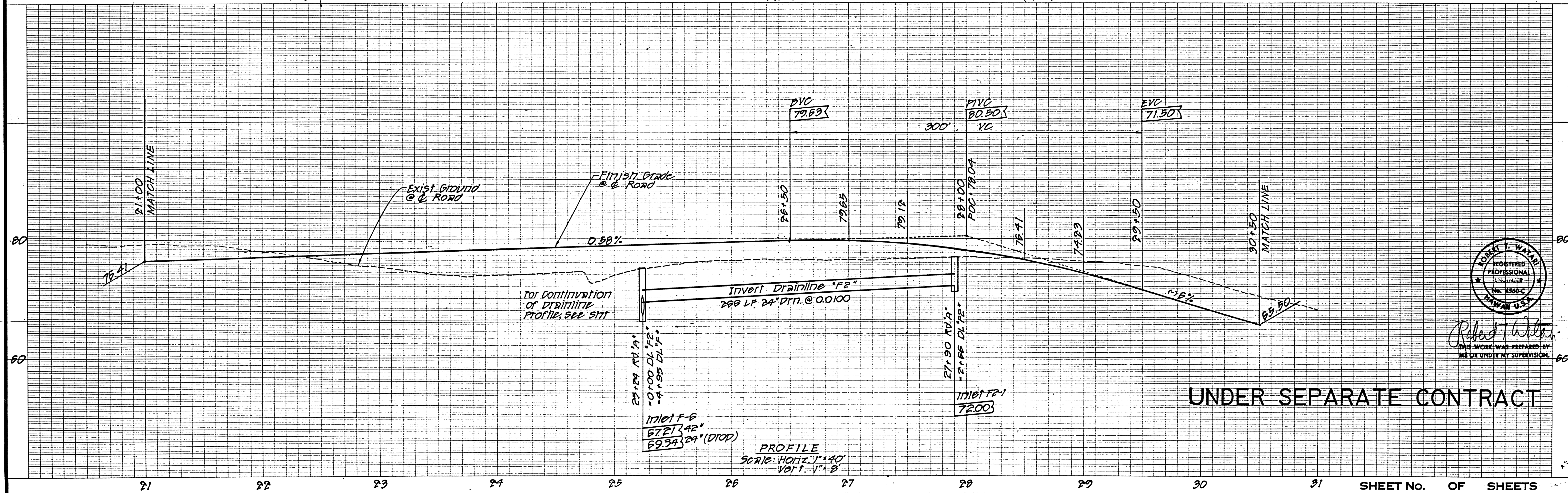
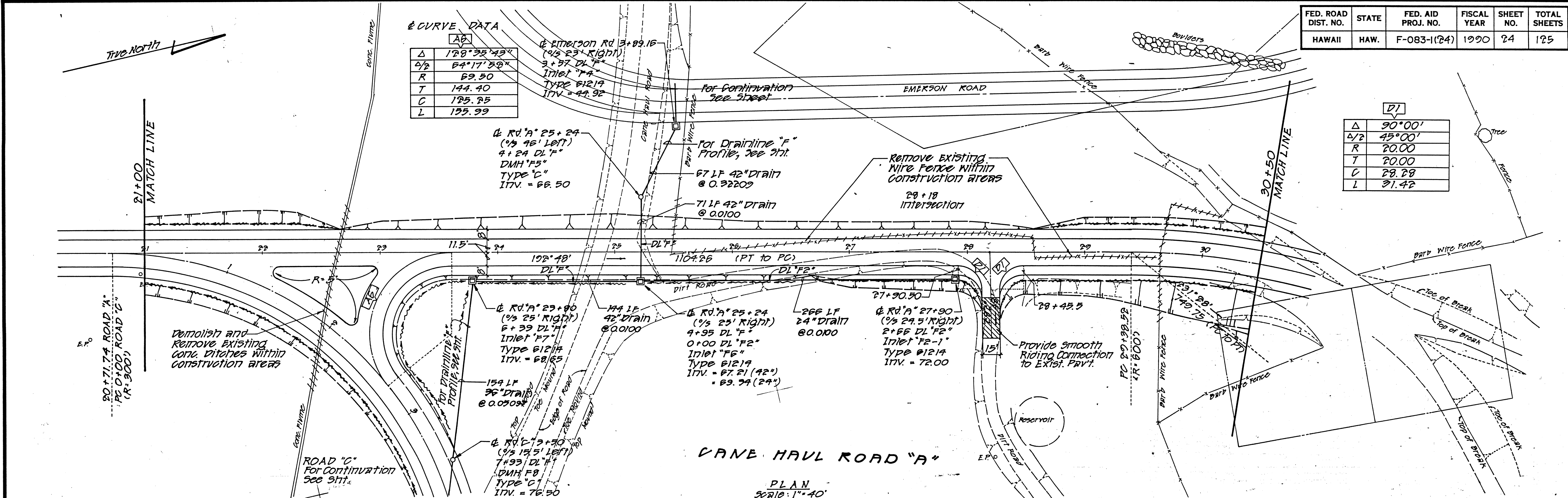


Robert W. Winter
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION. 90

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

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-083-1(24)	1990	24	125



ORIGINAL PLAN	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	



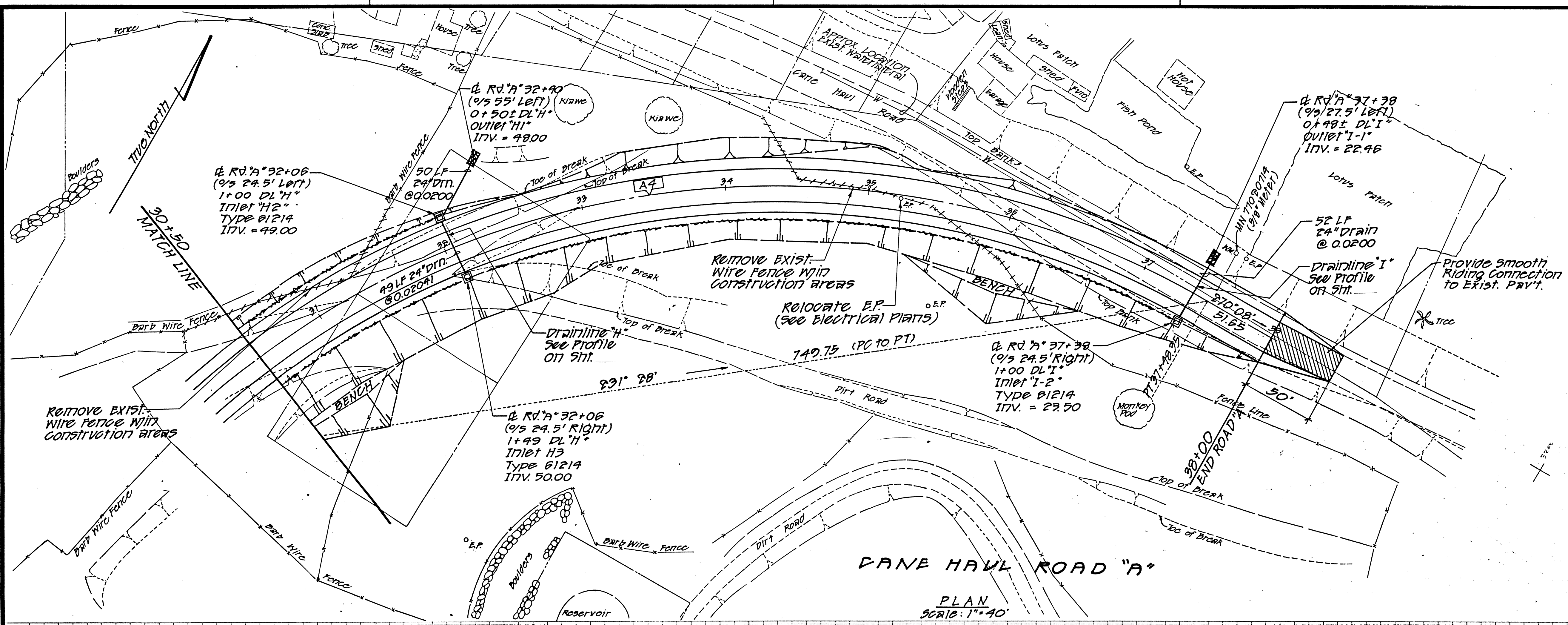
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

UNDER SEPARATE CONTRACT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-083-1(24)	1990	25	125

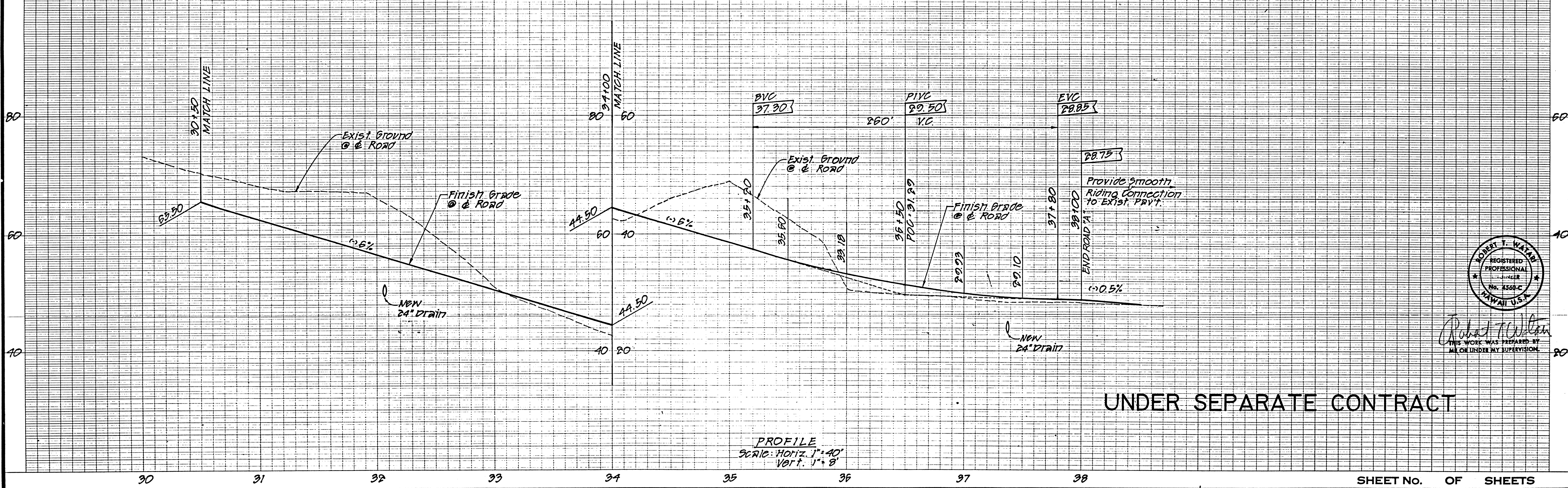
4 CURVE DATA

Δ	77° 20'
Δ/P	38° 40'
R	600.00
T	480.18
C	749.75
L	809.83

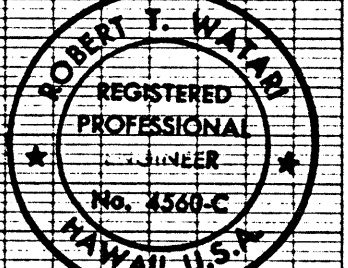


APPROVED:

CHIEF, PLANNING & ENGINEERING, BWS DATE



UNDER SEPARATE CONTRACT



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

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