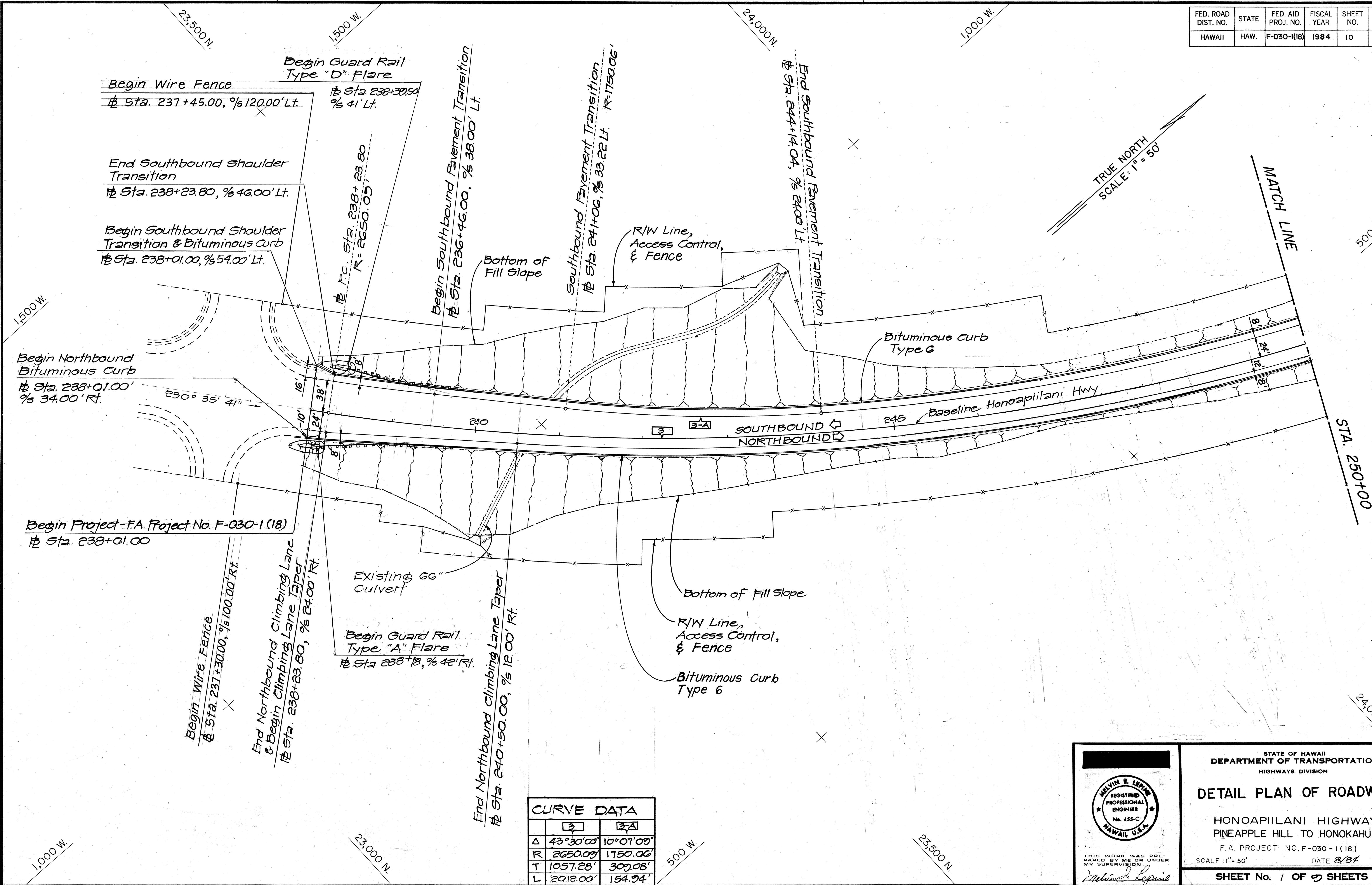


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-030-1(18)	1984	10	169



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	CHECKED BY	

CURVE DATA			
	3	3-A	
Δ	43°30'00"	10°07'09"	
R	2650.09'	1750.06'	
T	1057.28'	309.08'	
L	2012.00'	154.94'	

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Melvin E. Lepine

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

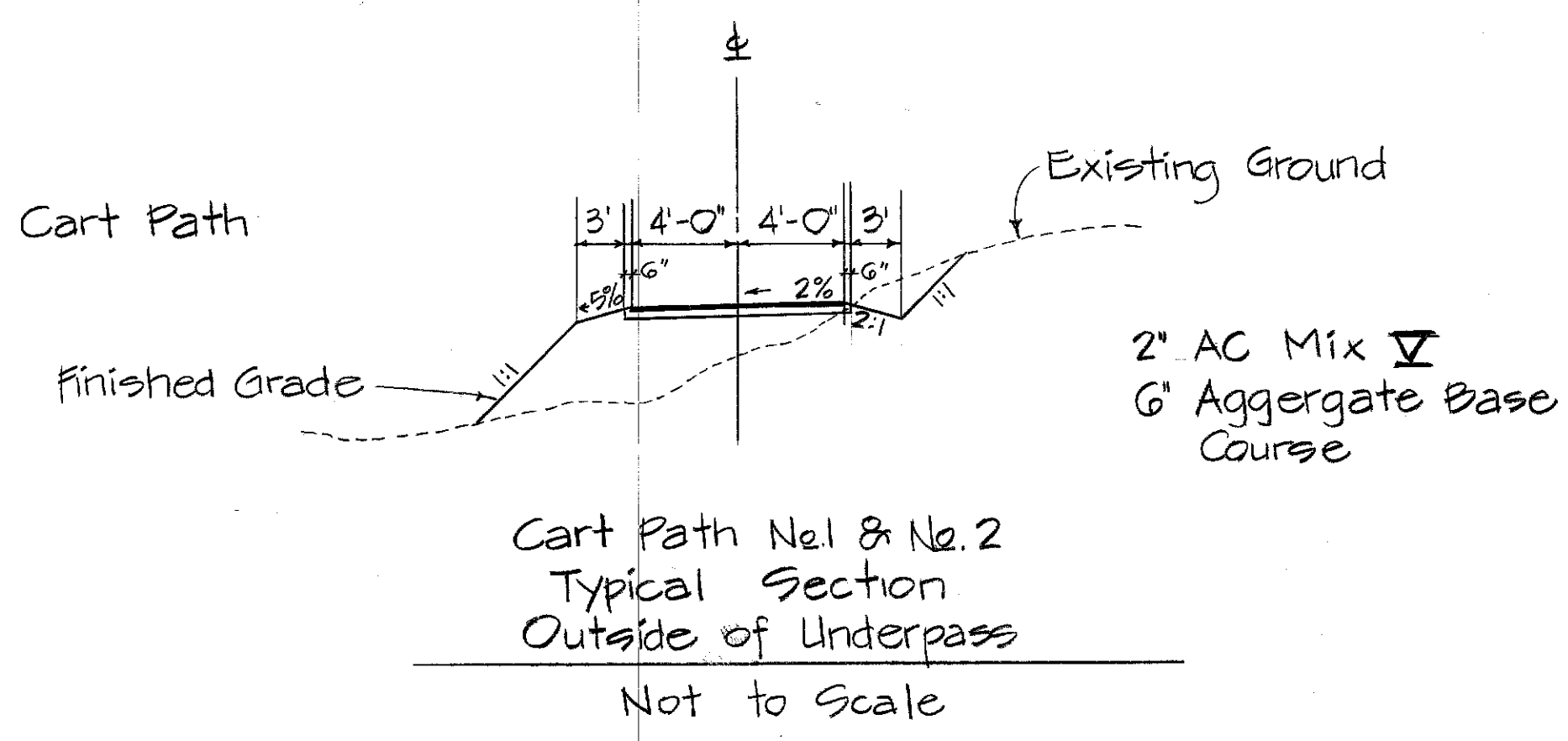
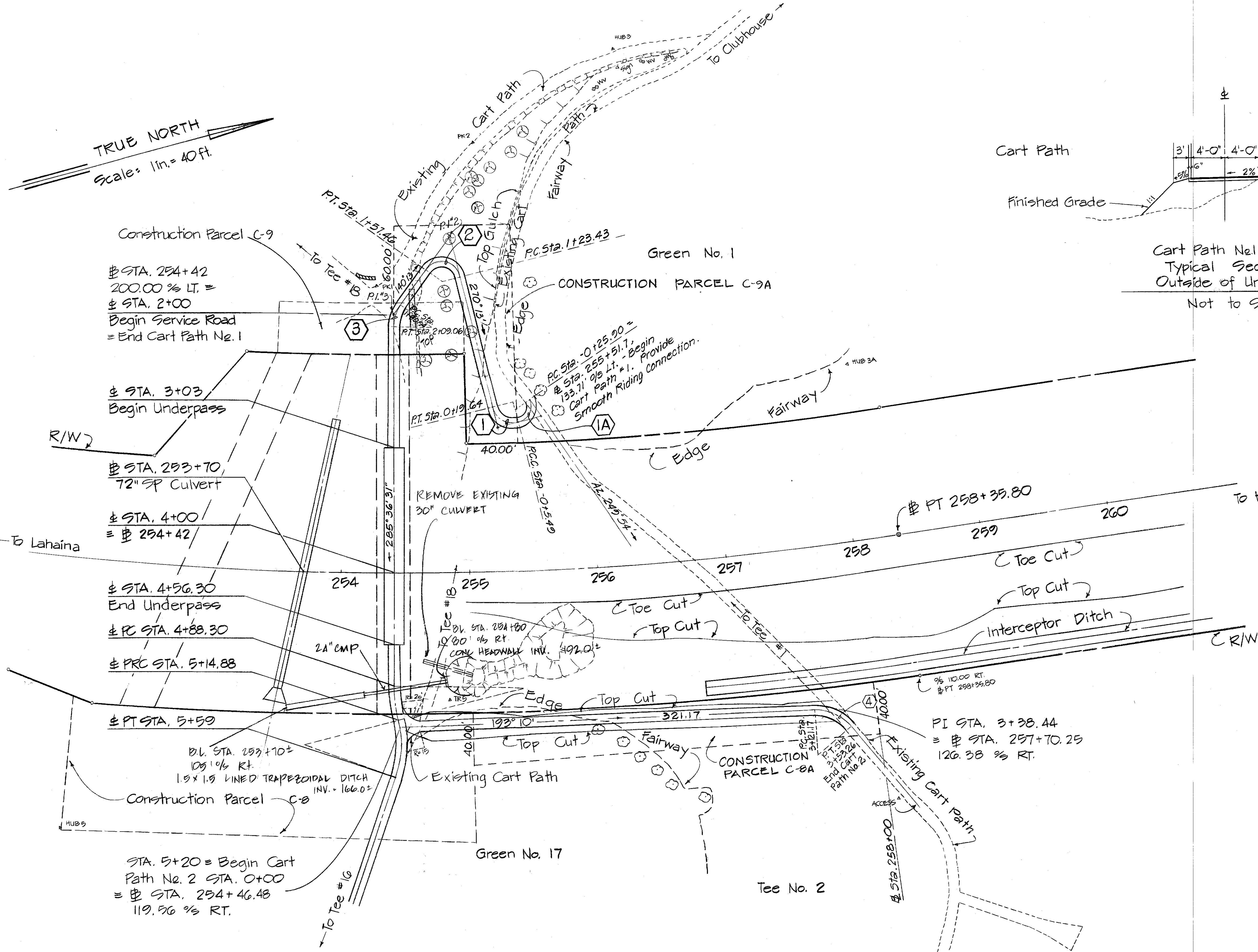
DETAIL PLAN OF ROADWAY

HONOAPIILANI HIGHWAY
PINEAPPLE HILL TO HONOKAHUA BAY
F.A. PROJECT NO. F-030-1(18)

SCALE: 1" = 50' DATE 8/84

SHEET No. 1 OF 2 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-030-1(18)	1984	11A	169



DATE	_____
DESIGNED BY	_____
TRACED BY	_____
NOTE BOOK	_____
QUANTITIES BY	_____
CHECKED BY	_____
NO.	_____

TREE LEGEND:

⊙ Norfolk Pine

⊙ Eucalyptus

NOTE:

± CURVE DATA (A)	± CURVE DATA (1)	± CURVE DATA (2)	± CURVE DATA (3)
Δ 110° 19'	Δ 90° 00'	Δ 130° 00'	Δ 34° 36' 29"
R 10.60'	R 16.00'	R 15.00'	R 30.00'
L 20.41'	L 25.13'	L 34.03'	L 18.12'
T 15.23'	T 16.00'	T 32.17'	T 9.35'
C 17.40'	C 22.63'	C 27.10'	C 17.85'

± CURVE DATA (4)
Δ 52° 32'
R 35.00'
L 32.09'
T 17.27'
C 30.97'

C.C.O. #7

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

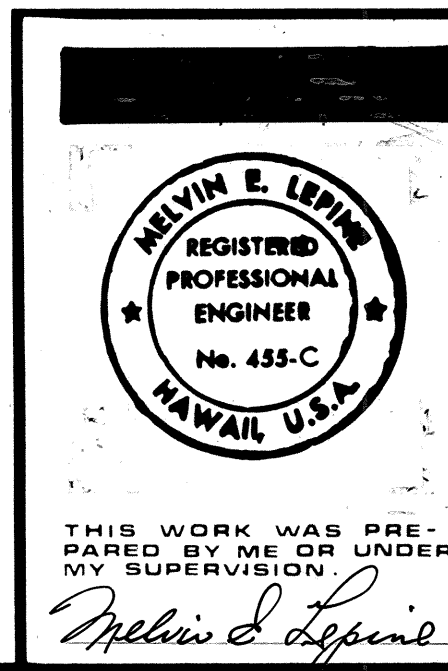
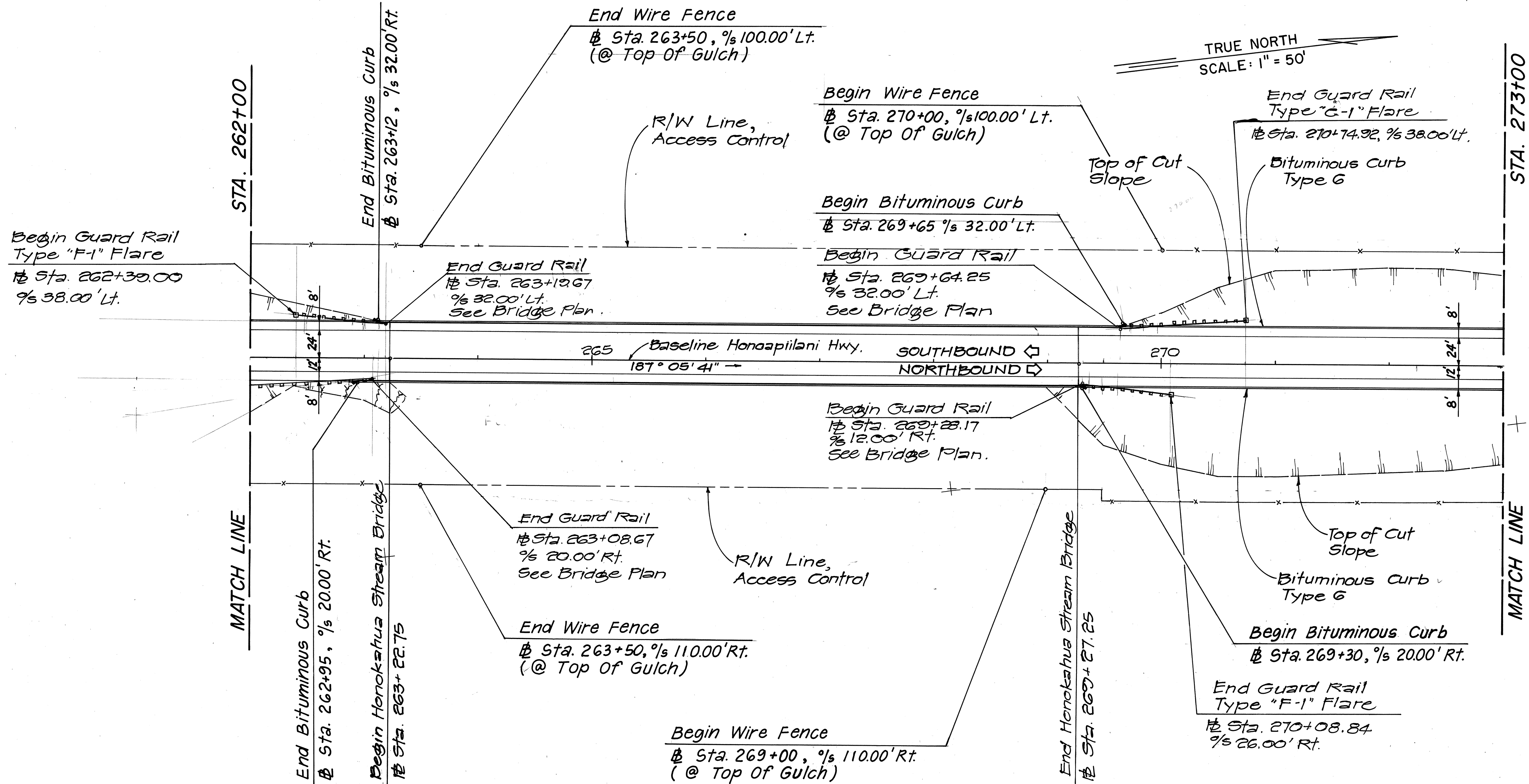
CART PATH NO. 1 & NO. 2

VICINITY OF STA. 254+42
SERVICE ROAD & UNDERPASS
Kapalua, Maui, Hawaii
Project No. F-030-1(18)

Scale: As Shown Date: July 1985

SHEET NO. 1 OF 4 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-030-1(18)	1984	12	169



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAIL PLAN OF ROADWAY

HONOAPIILANI HIGHWAY
PINEAPPLE HILL TO HONOKAHUA BAY

F.A. PROJECT NO. F-030-1(18)

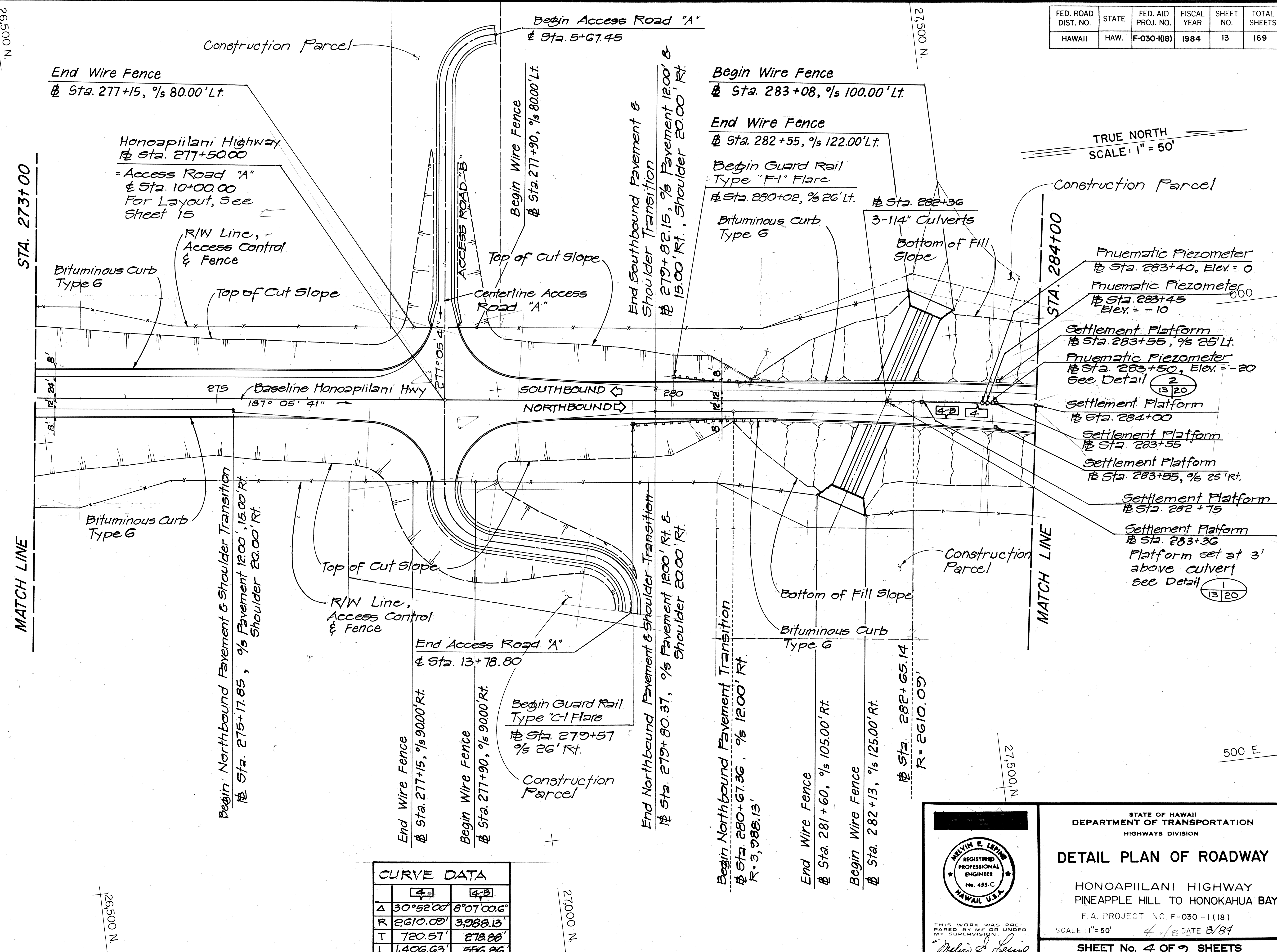
SCALE: 1" = 50' 3/16 DATE 8/84

SHEET No. 3 OF 9 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-030-1(18)	1984	13	169

TRUE NORTH
SCALE: 1" = 50'



CURVE DATA			
	4	4-2	
Δ	30°52'00"	8°07'00.6"	
R	2610.09'	3,238.13'	
T	720.57'	278.88'	
L	1,406.63'	556.86'	

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
 Melvin E. Leung

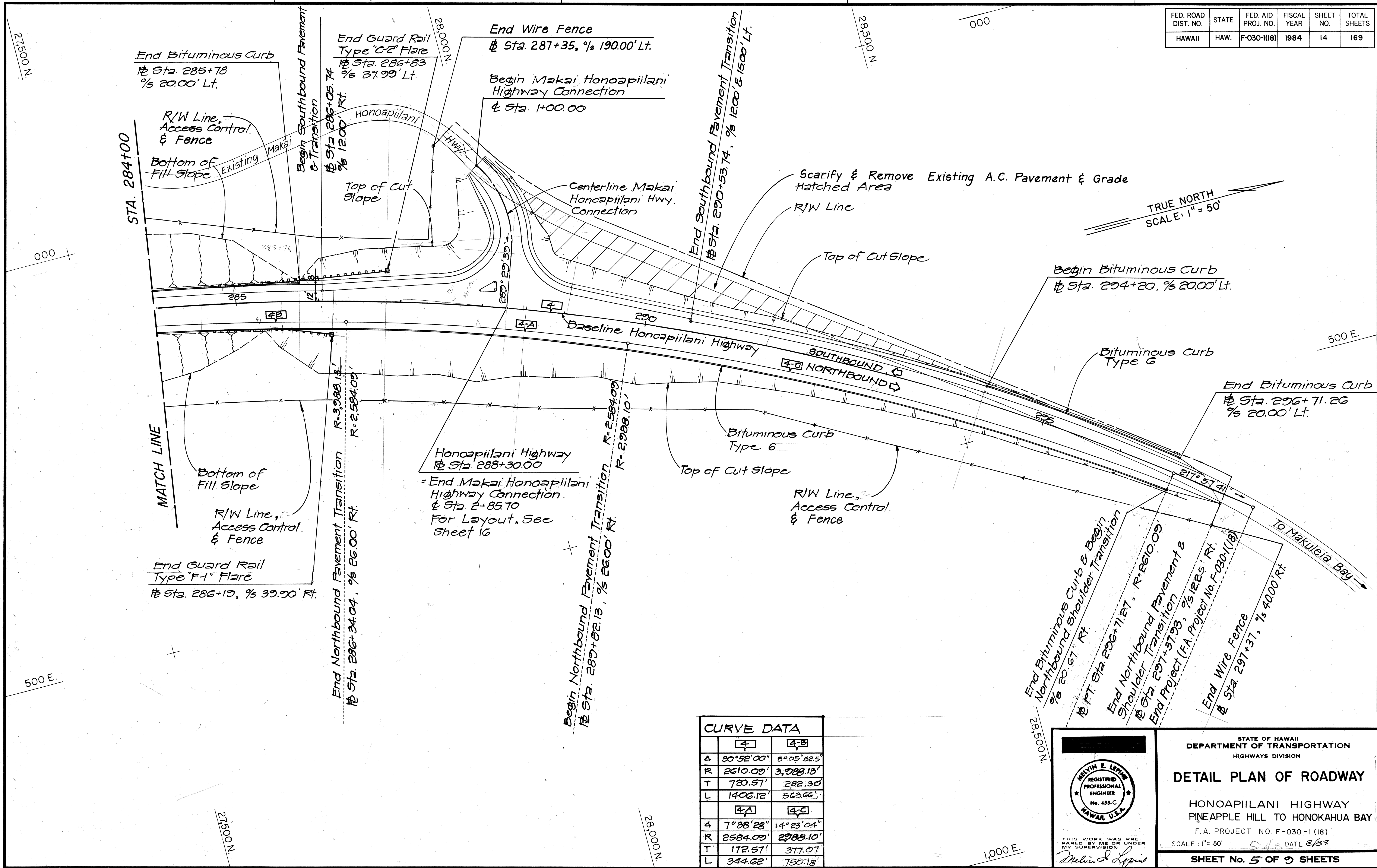
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
DETAIL PLAN OF ROADWAY
 HONOAPIILANI HIGHWAY
 PINEAPPLE HILL TO HONOKAHUA BAY
 F.A. PROJECT NO. F-030-1(18)
 SCALE: 1" = 50' 4/8 DATE 8/84
SHEET No. 4 OF 9 SHEETS

ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

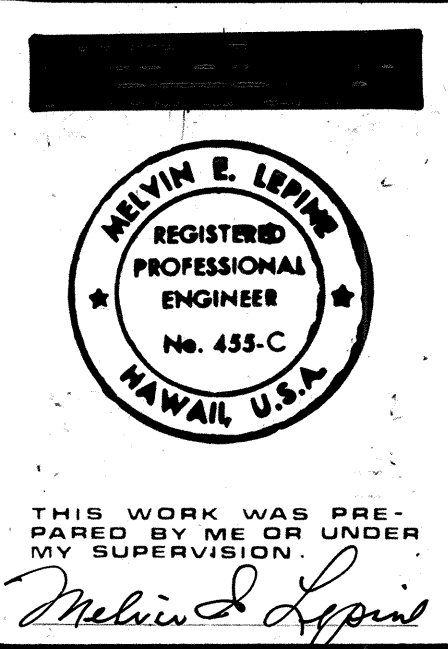
500 E.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-030-1(18)	1984	14	169

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



CURVE DATA			
	4-A	4-B	4-C
Δ	30°52'00"	8°05'52.5"	
R	2610.09'	3,988.13'	
T	720.51'	282.30'	
L	1406.12'	563.66'	
	4-A	4-C	
Δ	7°38'28"	14°23'04"	
R	2584.09'	2,988.10'	
T	172.51'	317.07'	
L	344.62'	750.18'	



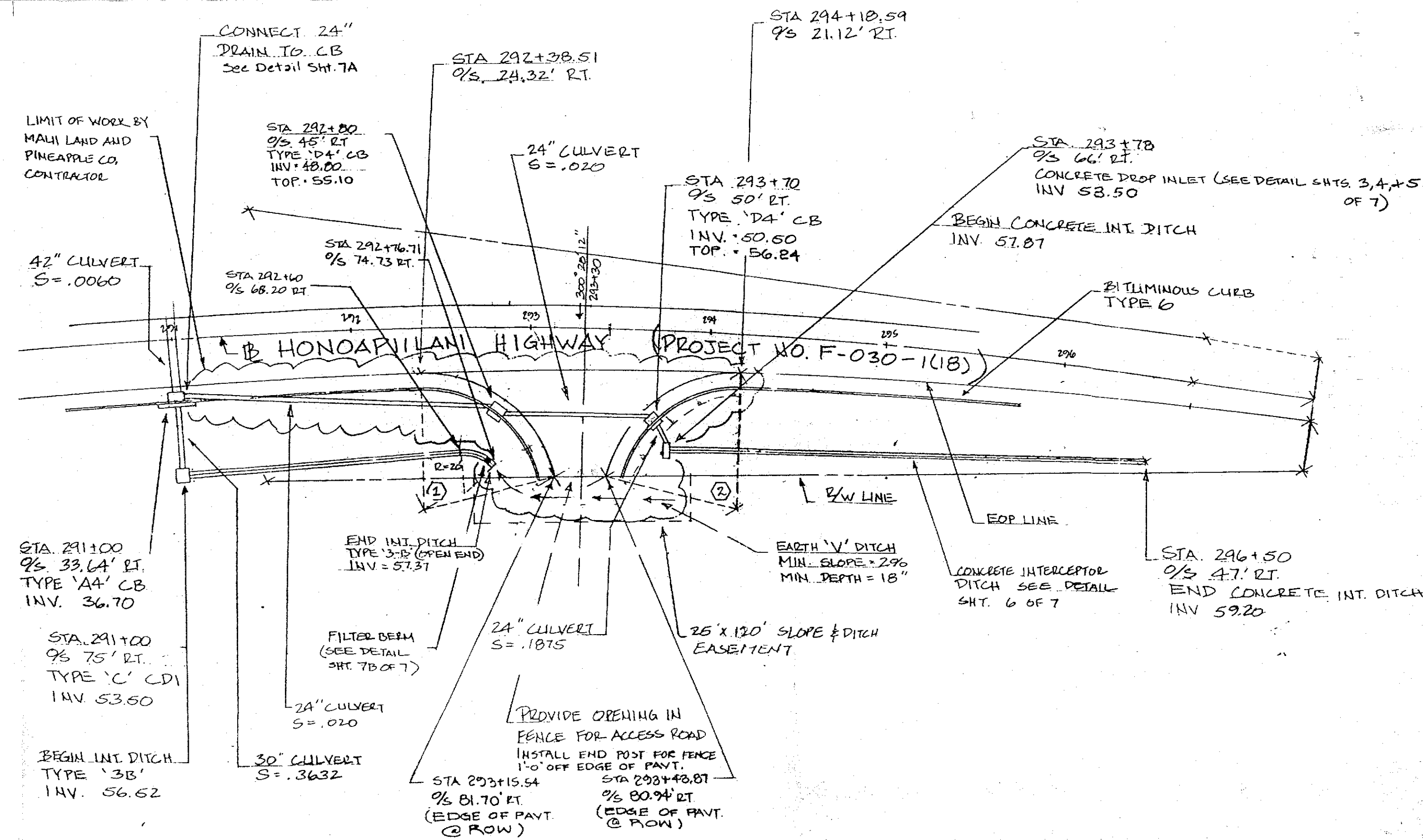
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAIL PLAN OF ROADWAY

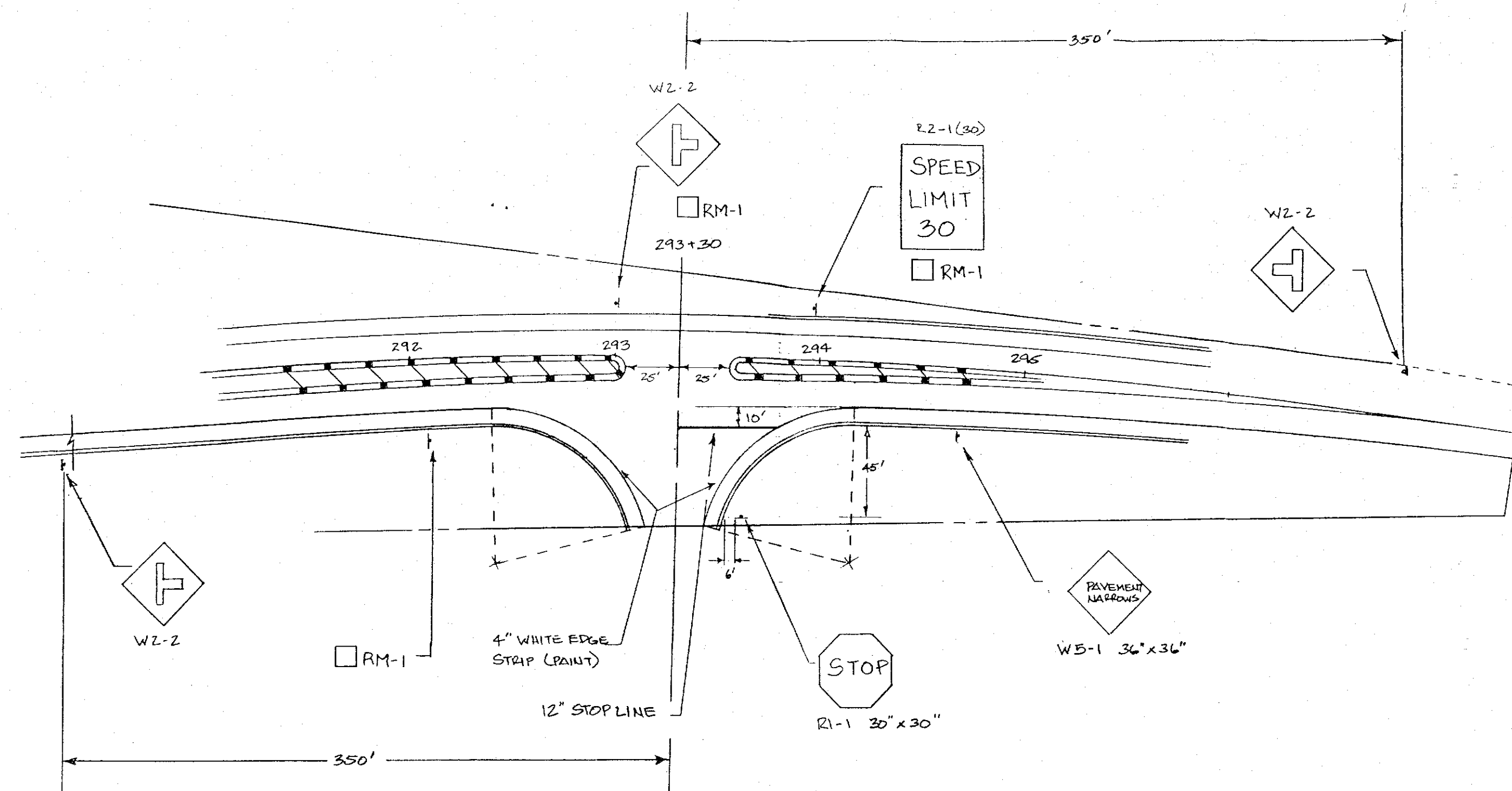
HONOAPIILANI HIGHWAY
PINEAPPLE HILL TO HONOKAHUA BAY
F.A. PROJECT NO. F-030-1(18)
SCALE: 1" = 50' DATE 8/89

SHEET No. 5 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-030-1(18)	1984	14A	169



PLAN
Scale: 1 in. = 50 ft.



SIGNING and STRIPING PLAN
Scale: 1 in. = 50 ft.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

C.C.O. No. 19

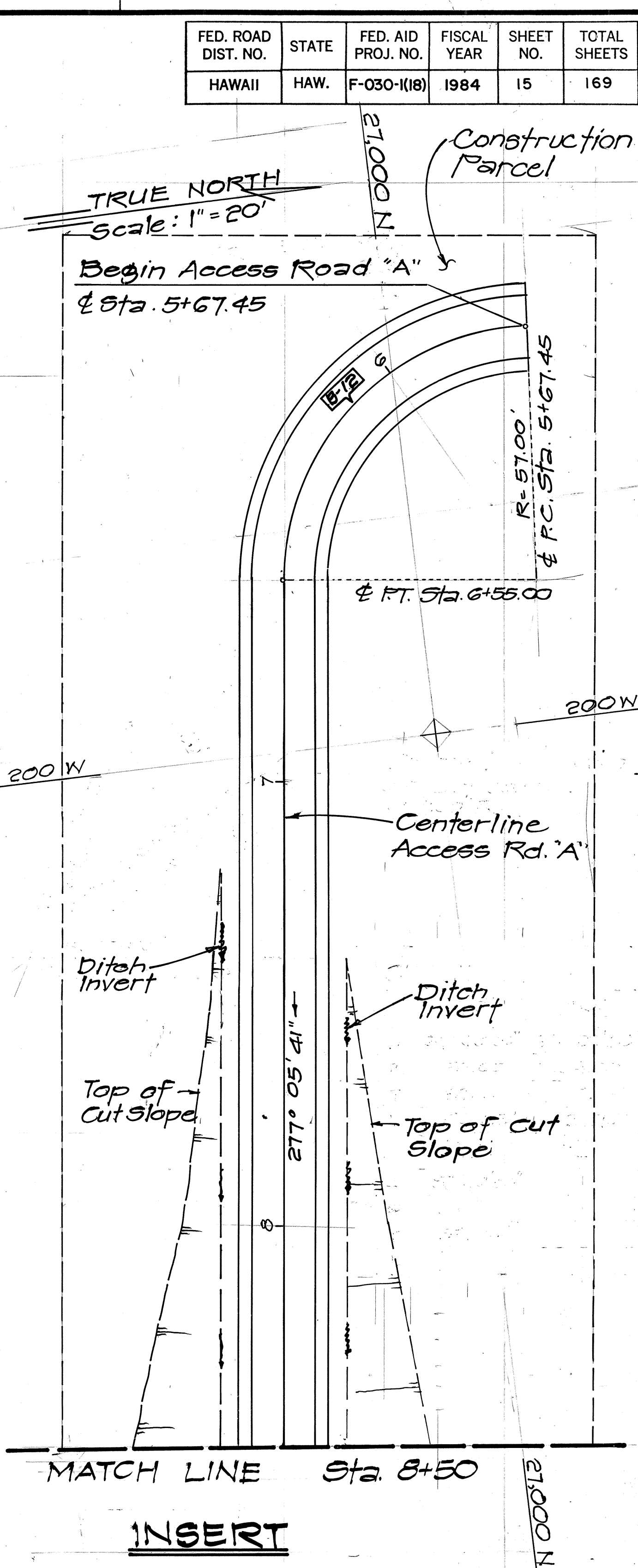
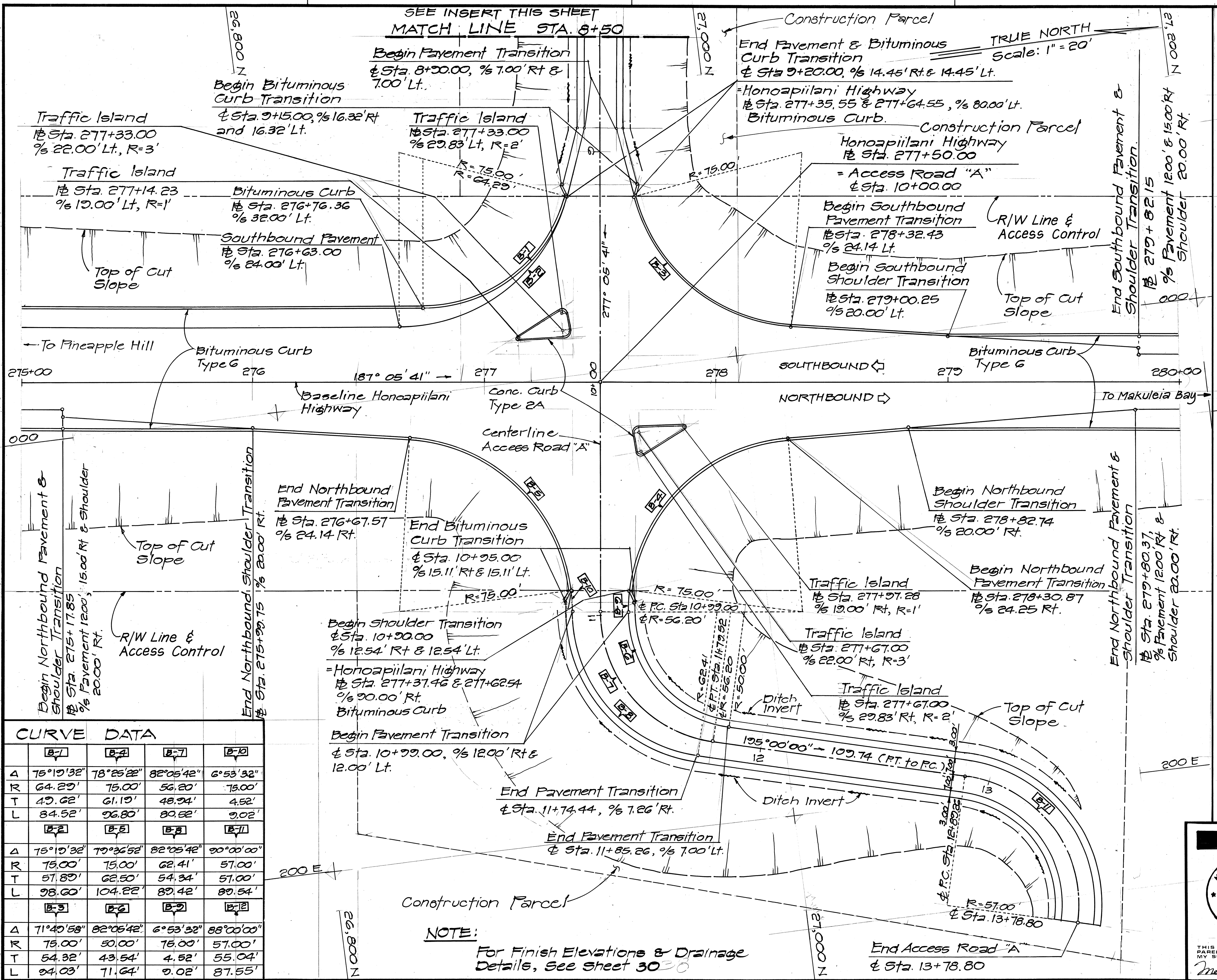
HONOAPIILANI HIGHWAY
PINEAPPLE HILL TO HONOKAHUA

P.A. PROJECT No. F-030-1(18)

Scale: As Noted Date:

SHEET NO. OF SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-030-1(18)	1984	15	169



CURVE DATA				
	[E-1]	[E-2]	[E-3]	[E-4]
A	75°15'32"	78°25'22"	82°05'42"	6°53'32"
R	64.23'	75.00'	56.20'	75.00'
T	49.62'	61.19'	48.94'	4.52'
L	84.52'	96.80'	80.52'	9.02'
	[E-2]	[E-5]	[E-8]	[E-11]
A	75°15'32"	79°36'52"	82°05'42"	90°00'00"
R	75.00'	75.00'	62.41'	57.00'
T	57.89'	62.50'	54.34'	57.00'
L	98.60'	104.22'	89.42'	89.54'
	[E-3]	[E-6]	[E-9]	[E-12]
A	71°40'58"	82°05'42"	6°53'32"	88°00'00"
R	75.00'	50.00'	75.00'	57.00'
T	54.32'	43.54'	4.52'	55.04'
L	94.03'	71.64'	9.02'	87.55'

NOTE:
For Finish Elevations & Drainage Details, See Sheet 30

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Melvin E. Lepine

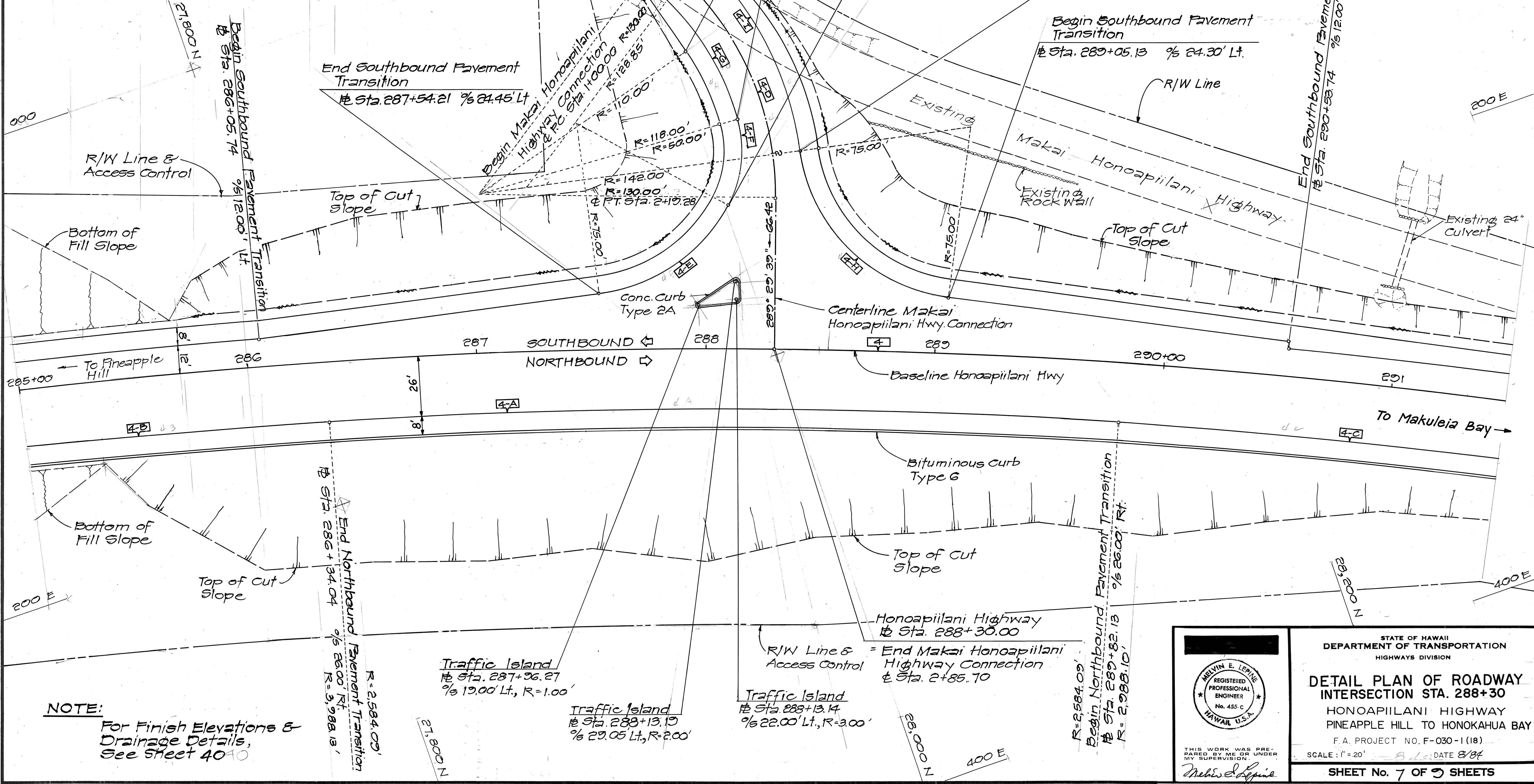
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAIL PLAN OF ROADWAY INTERSECTION STA. 277+50
HONOAPIILANI HIGHWAY
PINEAPPLE HILL TO HONOKAHUA BAY
F.A. PROJECT NO. F-030-1(18)
SCALE: 1" = 20' DATE 8/84

SHEET No. 6 OF 9 SHEETS

CURVE DATA									
	4	4-B	4-D	4-F	4-H		4-A	4-C	4-E
A	30° 52' 00"	8° 05' 52.5"	52° 34' 17"	44° 26' 15"	74° 53' 10"		7° 38' 28"	14° 23' 04"	54° 13' 03"
R	2,610.09'	3,988.15'	130.00'	50.00'	75.00'		2,584.09'	2,988.10'	75.00'
T	720.57'	282.36'	64.21'	20.42'	51.43'		172.57'	377.07'	38.39'
L	1,406.12'	563.19'	119.28'	38.18'	38.03'		344.62'	750.18'	70.97'
	4-A	4-C	4-E	4-G	4-I				
A	7° 38' 28"	14° 23' 04"	54° 13' 03"	35° 51' 47"	44° 17' 26"				
R	2,584.09'	2,988.10'	75.00'	118.00'	142.00'				
T	172.57'	377.07'	38.39'	38.18'	51.79'				
L	344.62'	750.18'	70.97'	78.86'	109.77'				

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-030-1(18)	1984	16	169



NOTE:
For Finish Elevations & Drainage Details, See Sheet 40

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Melvin E. Levine

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAIL PLAN OF ROADWAY INTERSECTION STA. 288+30

HONOAPIILANI HIGHWAY
PINEAPPLE HILL TO HONOKAHUA BAY

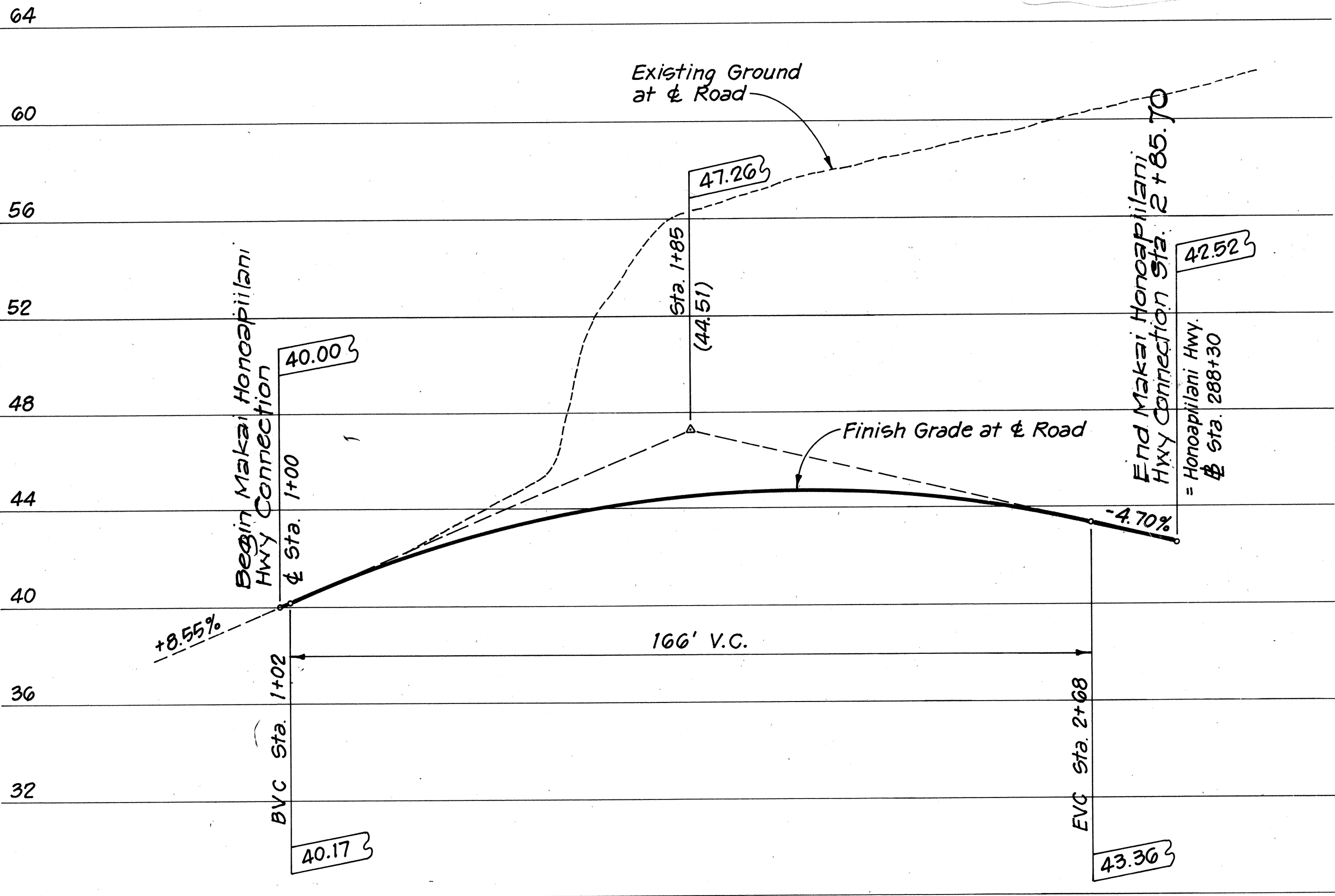
F.A. PROJECT NO. F-030-1(18)

SCALE: 1" = 20'

DATE 8/84

SHEET No. 7 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-030-1(18)	1984	17	169

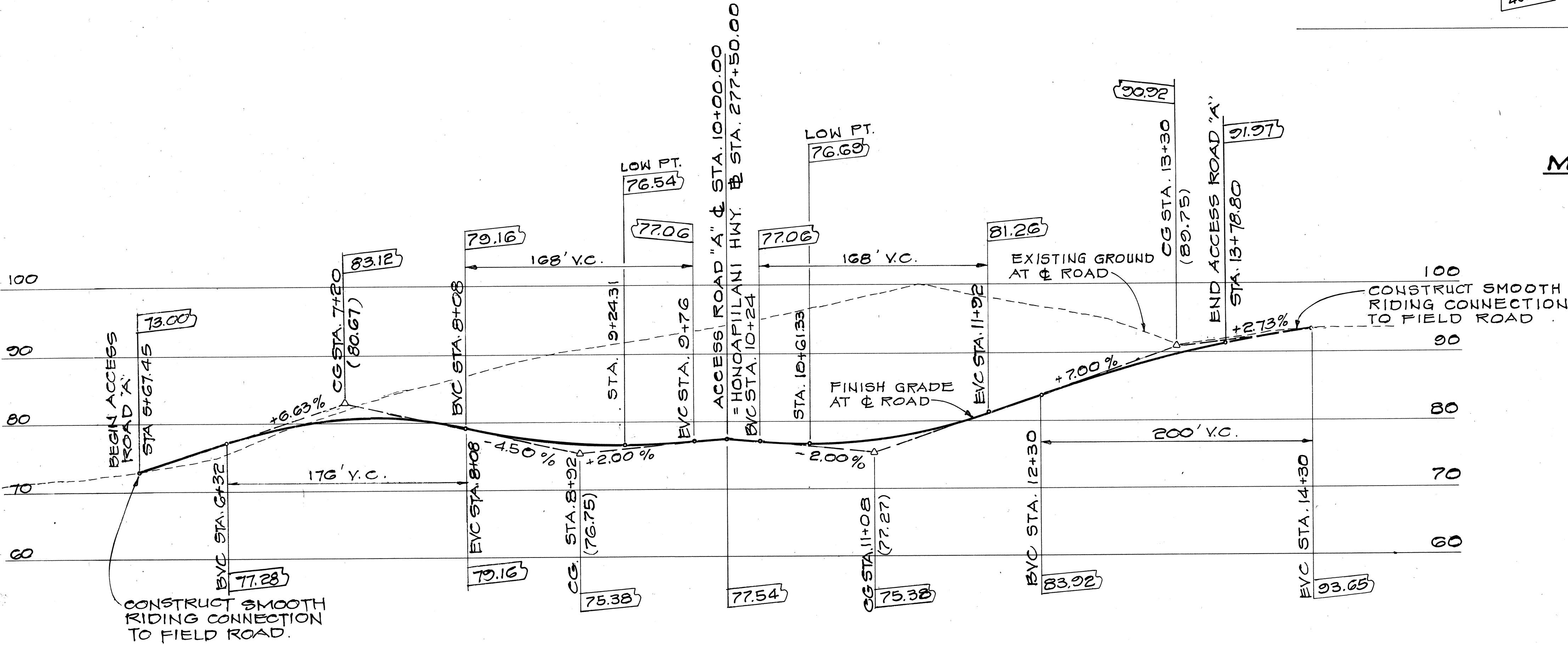


PROFILE

Scale: Horiz. 1" = 20'-0"
Vert. 1" = 4'-0"

MAKAI HONOAPIILANI HIGHWAY CONNECTION
@ STA. 288 + 30

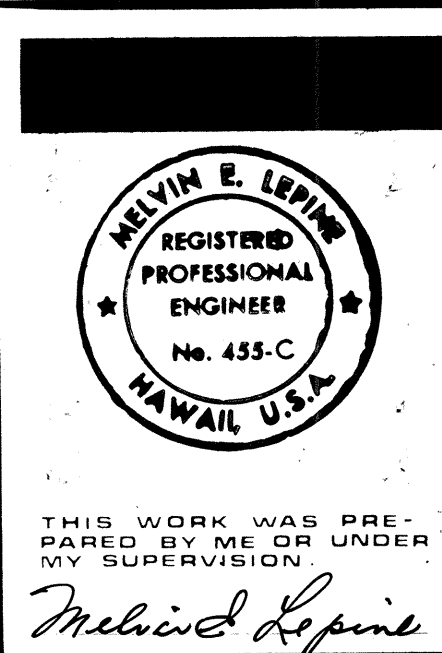
2
40 17



PROFILE ACCESS ROAD "A"
AT STA. 277+50.00

Scale: Horiz. 1" = 50'-0"
Vert. 1" = 10'-0"

38 17



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAIL PLAN OF ROADWAY

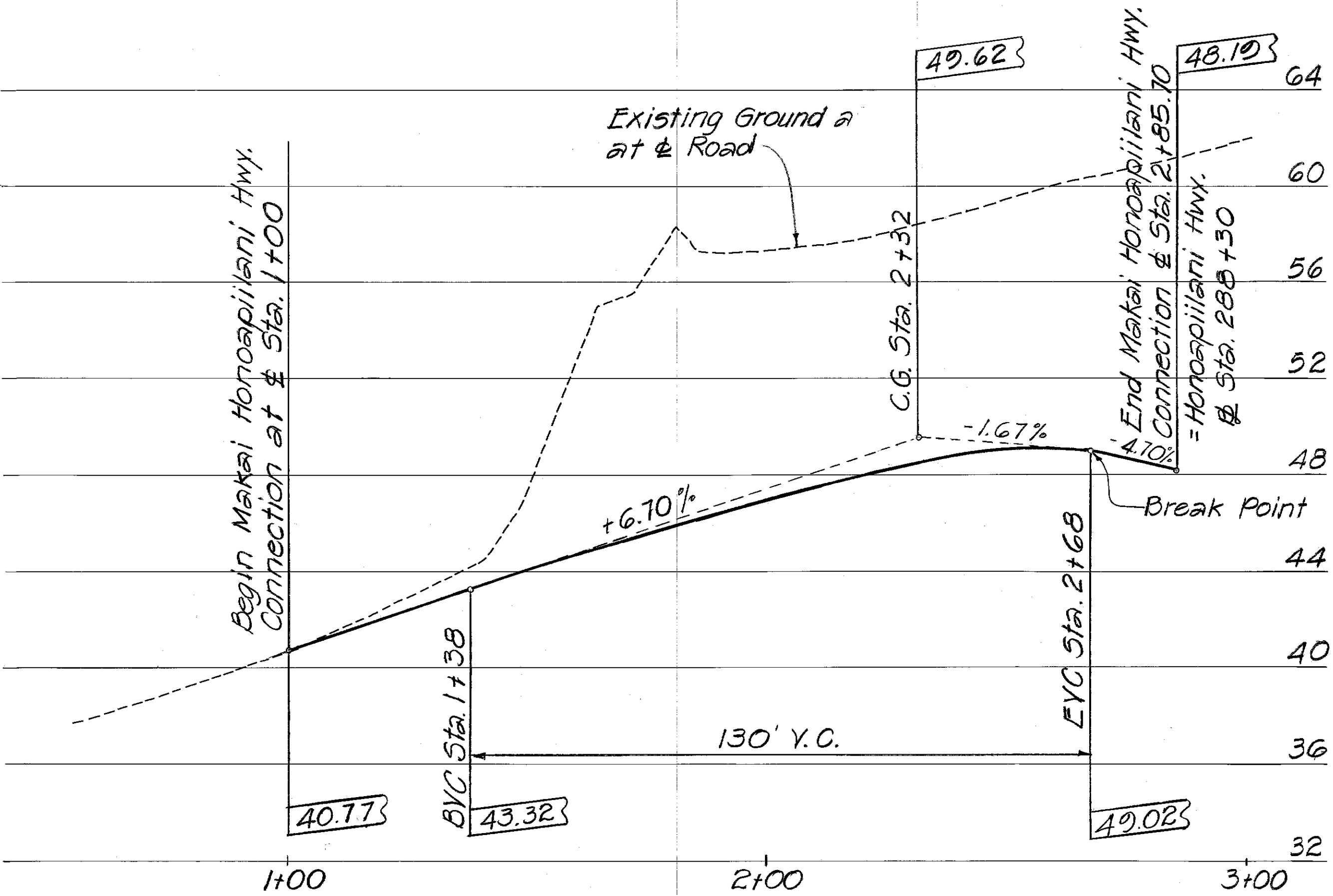
HONOAPIILANI HIGHWAY
PINEAPPLE HILL TO HONOKAHUA

F.A. PROJECT NO. F-030-1(18)

SCALE: AS NOTED DATE 8/84

SHEET No. 8 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-030-1(18)	1984	17A	169



REVISED PROFILE

MAKAI HONOAPIILANI HIGHWAY CONNECTION @ STA. 288+30

Scale: Horiz. 1" = 20'
Vert. 1" = 4'
REFER TO SHT. NO 17

△ 6-14-85 Revised Grade

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

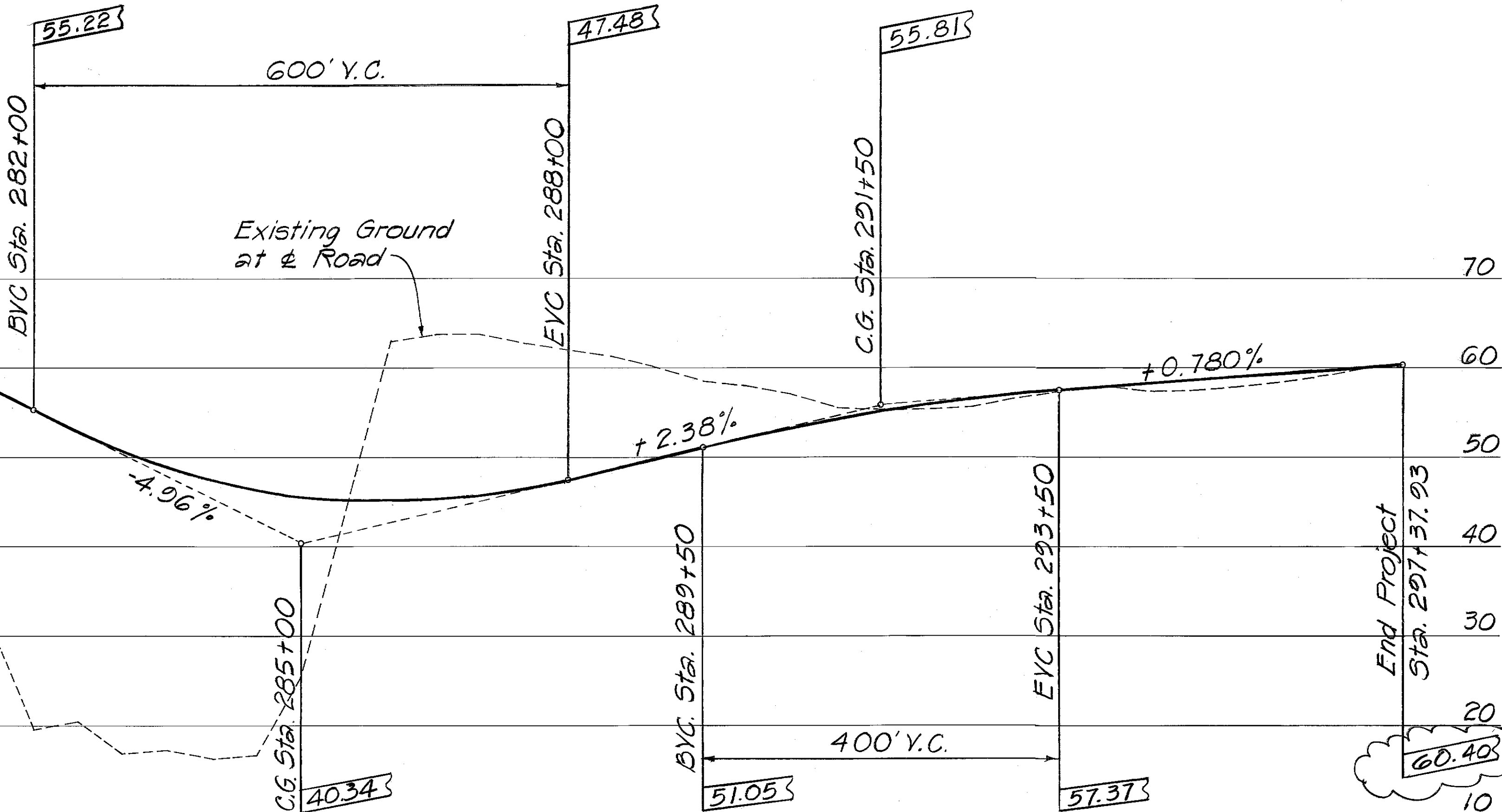
C.C.O. NO 2

HONOAPIILANI HIGHWAY
PINEAPPLE HILL TO HONOKAHUA

FA PROJECT NO F-030-1(18)

SCALE: AS NOTED DATE: 4/10/84

SHEET NO. 1 OF 2 SHEETS



REVISED PROFILE

STA. 282+00 TO 292+37.93

Scale: Horiz. : 1" = 100'
Vert. : 1" = 10'
REFER TO SHT. #7

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
NO.	

GUARD RAILS, TYPE 3,
SINGLE W/STEEL POSTS
ITEM NO. 606.3110

STANDARD WIRE FENCES
W/METAL POSTS
ITEM NO. 607.9130

CENTERLINE MONUMENTS
ITEM NO. 613.0100

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

