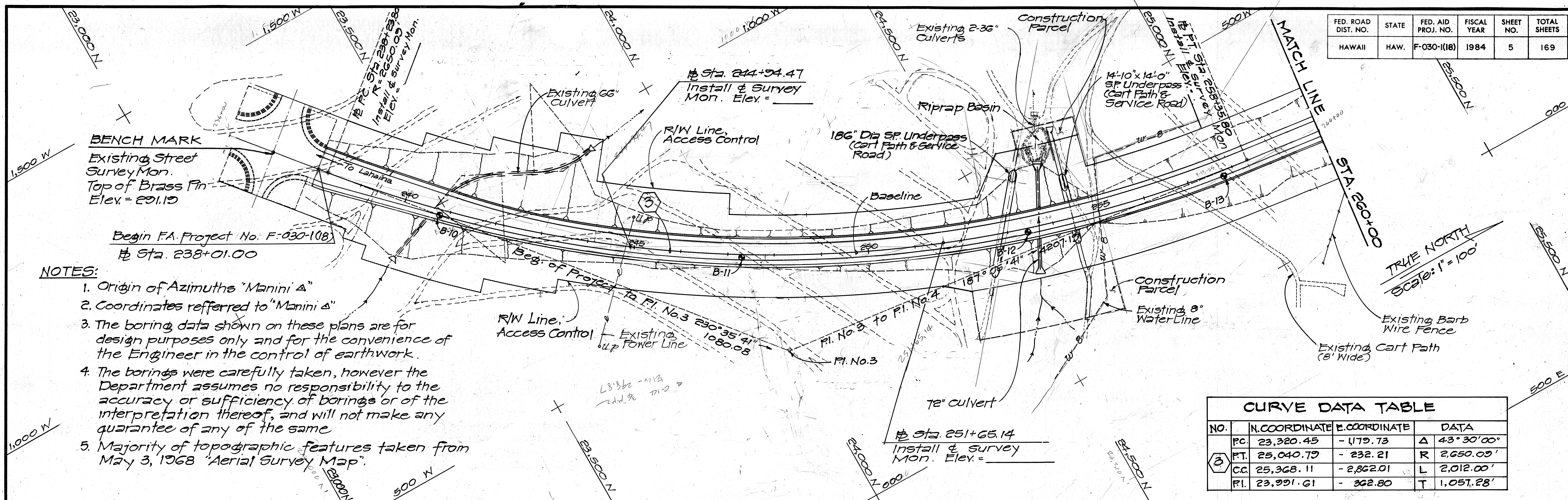


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-030-1(18)	1984	5	169

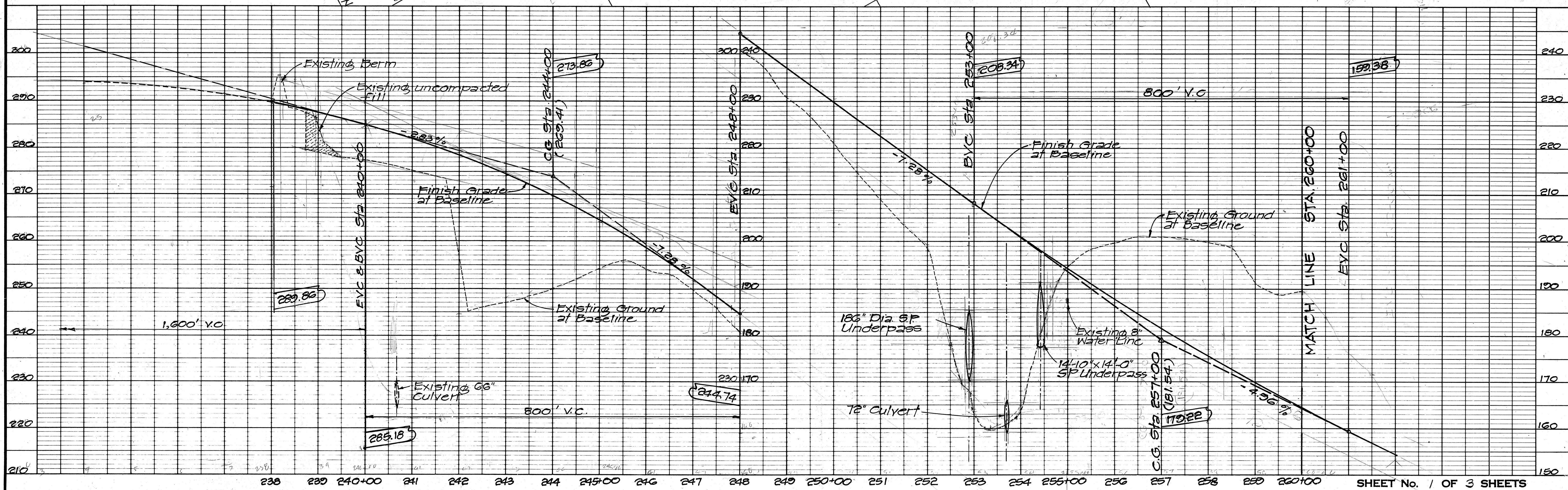


NOTES:

1. Origin of Azimuths "Manini A"
2. Coordinates referred to "Manini A"
3. The boring data shown on these plans are for design purposes only and for the convenience of the Engineer in the control of earthwork.
4. The borings were carefully taken, however the Department assumes no responsibility to the accuracy or sufficiency of borings or of the interpretation thereof, and will not make any guarantee of any of the same.
5. Majority of topographic features taken from May 3, 1968 "Aerial Survey Map".

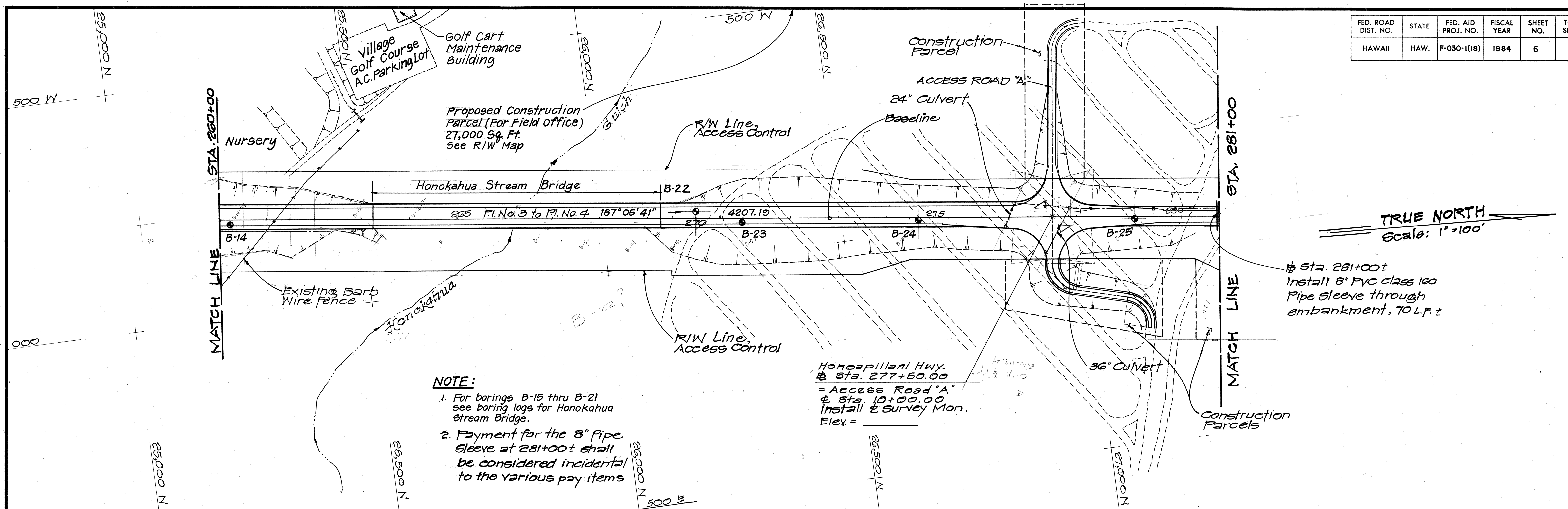
CURVE DATA TABLE

NO.	N.COORDINATE	E.COORDINATE	DATA
PC	23,320.45	- 1179.73	Δ 43° 30' 00"
PT	23,040.79	- 232.21	R 2,650.09'
CC	25,368.11	- 2,862.01	L 2,012.00'
PI	23,991.61	- 362.80	T 1,057.28'



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

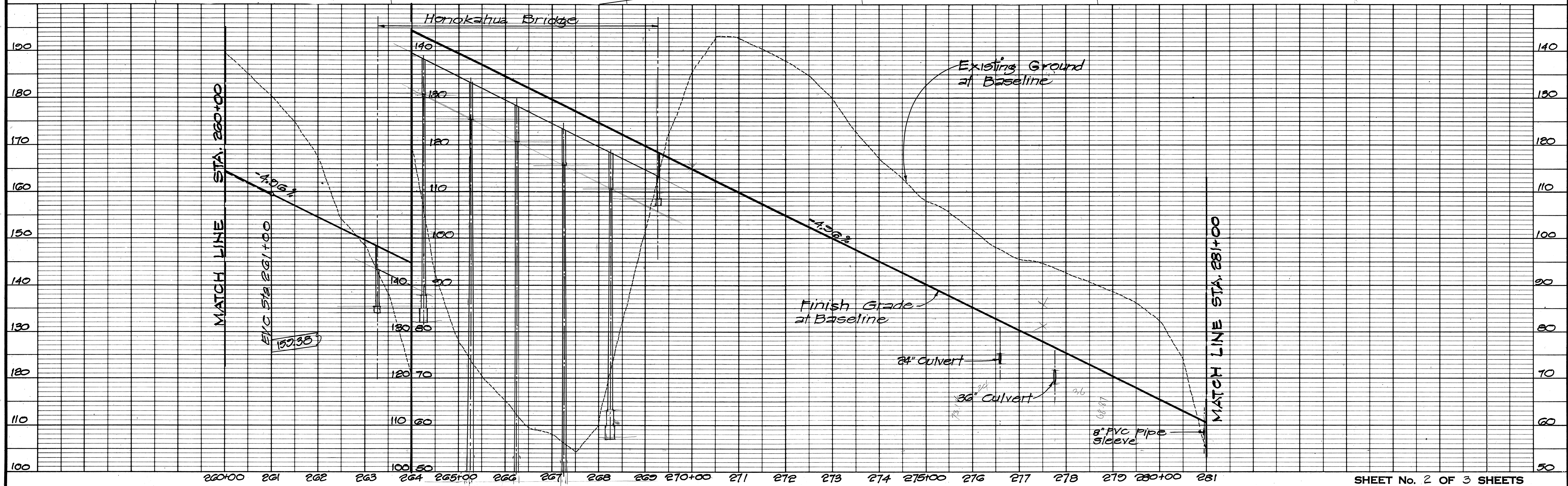
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-030-1(18)	1984	6	169



- NOTE:**
1. For borings B-15 thru B-21 see boring logs for Honokahua Stream Bridge.
 2. Payment for the 8" Pipe Sleeve at 281+00± shall be considered incidental to the various pay items

Honoapiilani Hwy.
Sta. 277+50.00
= Access Road "A"
Sta. 10+00.00
Install 2 Survey Mon.
Elev. =

At Sta. 281+00±
Install 8" PVC class 160
Pipe Sleeve through
embankment, 70 L.F.±



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
TRACED BY		
DESIGNED BY		
CHECKED BY		
NOTED BY		

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-030-1(18)	1984	7	169

NOTES:

1. Surcharge from Sta. 281+00 to Sta. 285+00. Surcharge to Finish Grade. See Special Provisions.
2. For Settlement Platform and Pneumatic Piezometer Locations, see Sht. 13.

CURVE DATA TABLE

No.	N. COORDINATE	E. COORDINATE	DATA
4	PC 27,451.55	67.84	$\Delta = 30^\circ 52' 00''$
	PT 28,734.70	600.08	$R = 2,610.09'$
	CC 27,123.17	2,657.95	$L = 1,406.12'$
	PI 28,166.59	156.84	$T = 720.57'$

