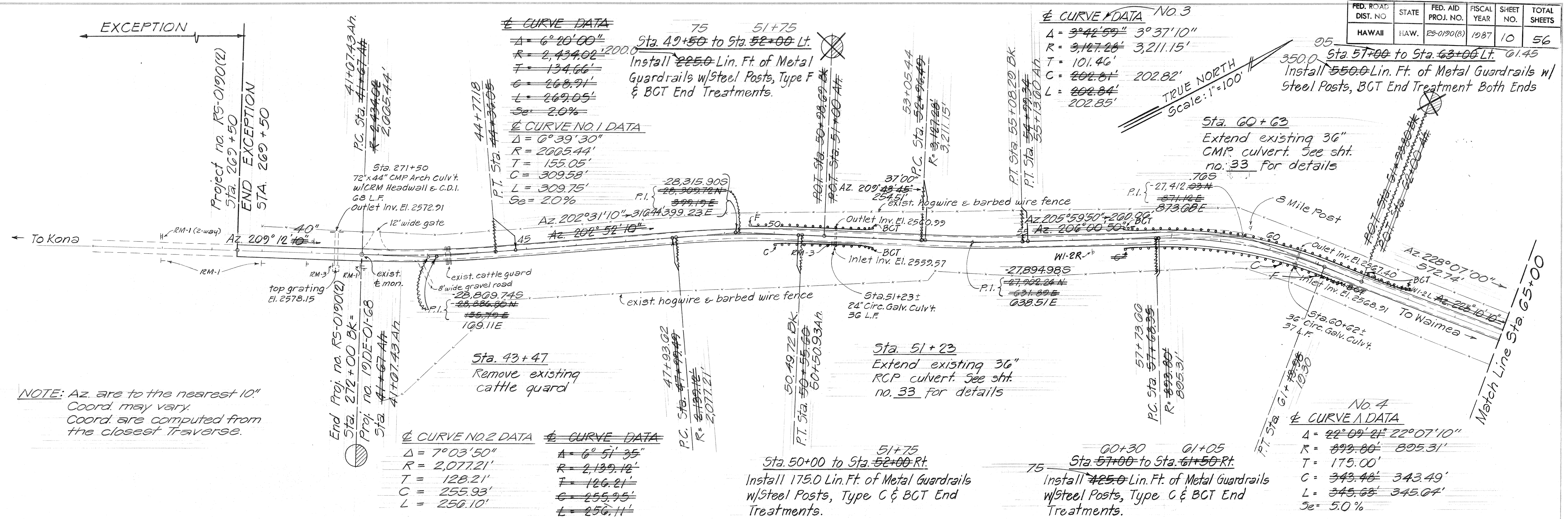
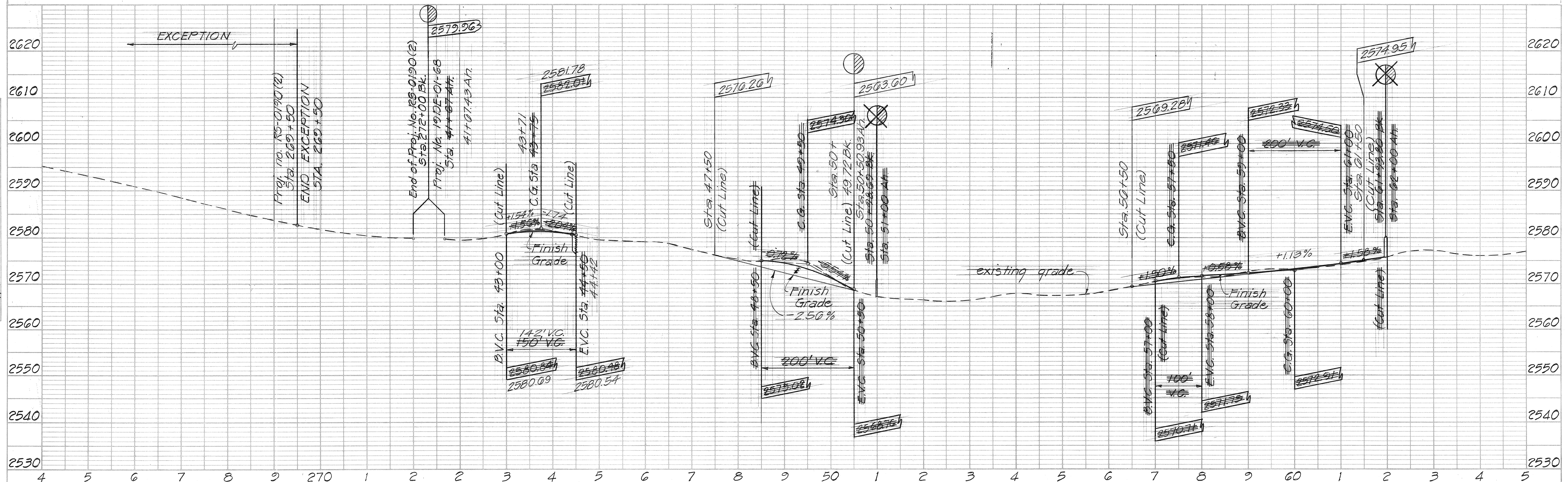


PLAN	SURVEYED	DATE
NOTE BOOK	BY	DATE
ALIGNMENT CHECKED		
NO. 1327		
52-41		



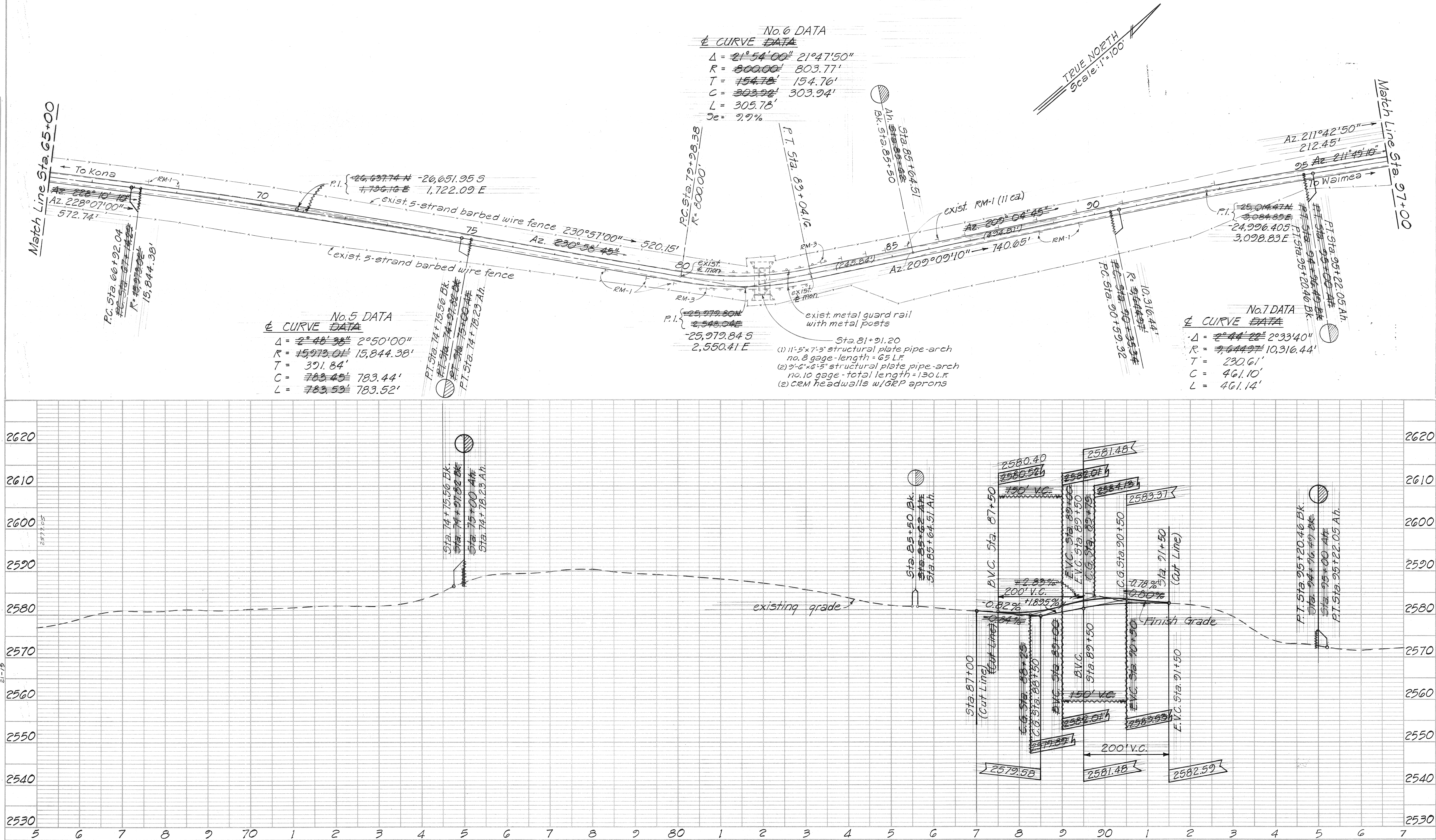
PROFILE	SURVEYED	DATE
NOTE BOOK	BY	DATE
GRADES CHECKED		
NO. 1326		
52-41		



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	RS-0901(8)	1987	11	56

PLAN	SURVEYED	DATE
NOTE BOOK	BY	Oct. 86
ALIGNED CHECKED		
NO. 156		
STRUCTURE NOTATION CHKD.		
21-19		

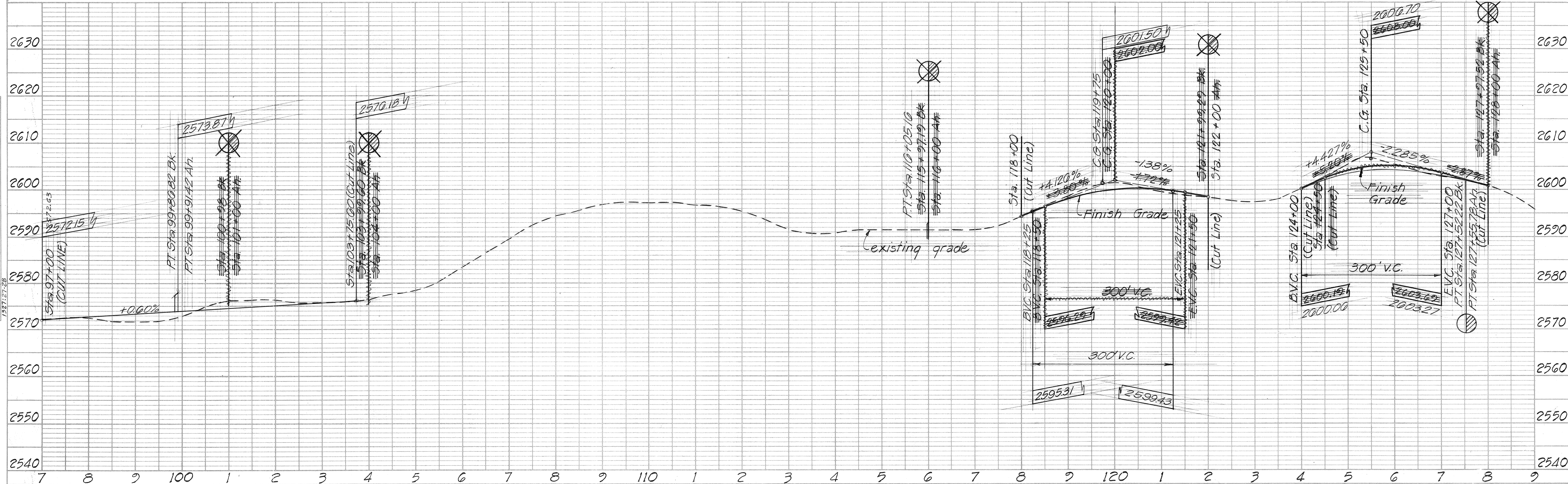
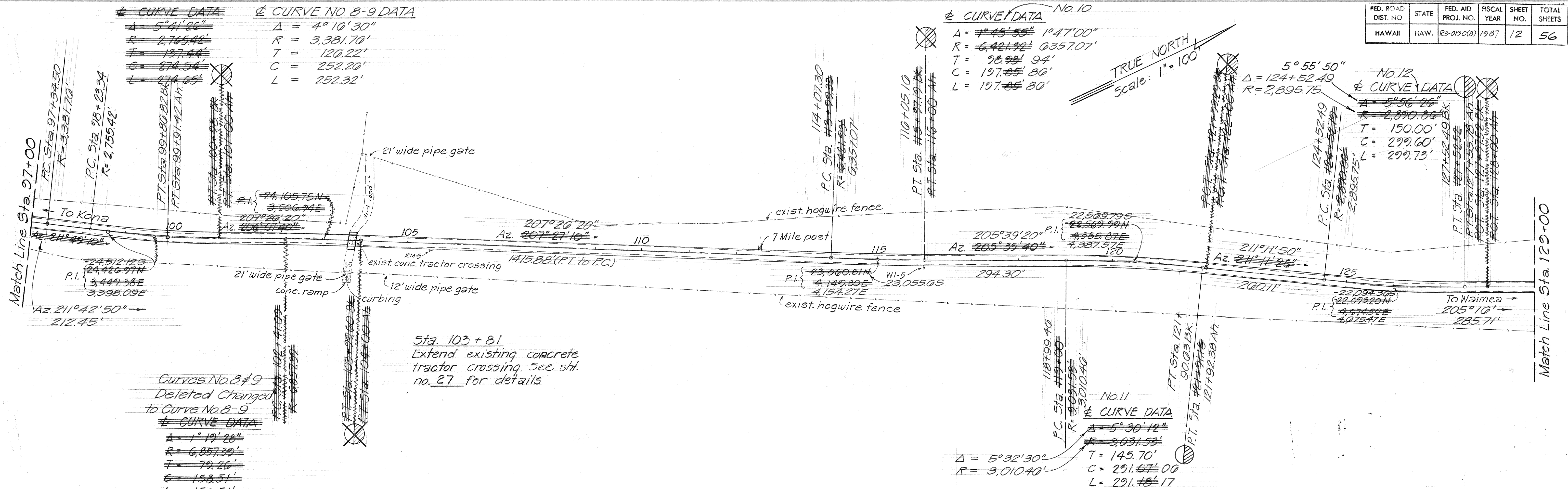
PROFILE	SURVEYED	DATE
NOTE BOOK	BY	Oct. 86
GRADES CHECKED		
NO. 156		
STRUCTURE NOTATION CHKD.		
21-19		



PLAN	DATE	BY
SURVEYED	Sept 26	
NOTE BOOK		
ALIGNMENT CHECKED		
NO. 1325		
RT. OF WAY CHECKED		
69-74		

PROFILE	DATE	BY
SURVEYED	Sept 26	
NOTE BOOK		
GRADES CHECKED		
NO. 1326		
STRUCTURE NOTATION CHD.		
1327, 1328		

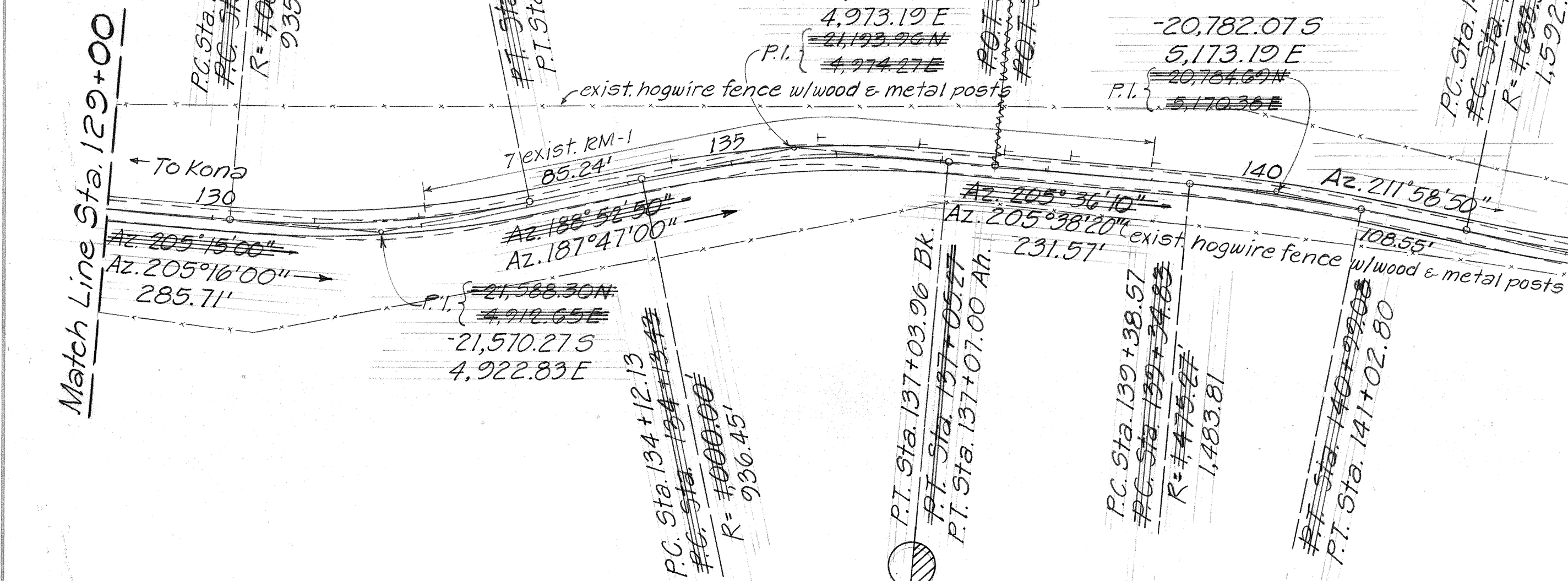
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	25-019(6)	1997	12	56



PLAN	SURVEYED	DATE
NO. 1322	BY	Sept. 26
52-71	PLOTTED	
	NOTE BOOK	
	ALIGNMENT CHECKED	
	RT. OF WAY CHECKED	

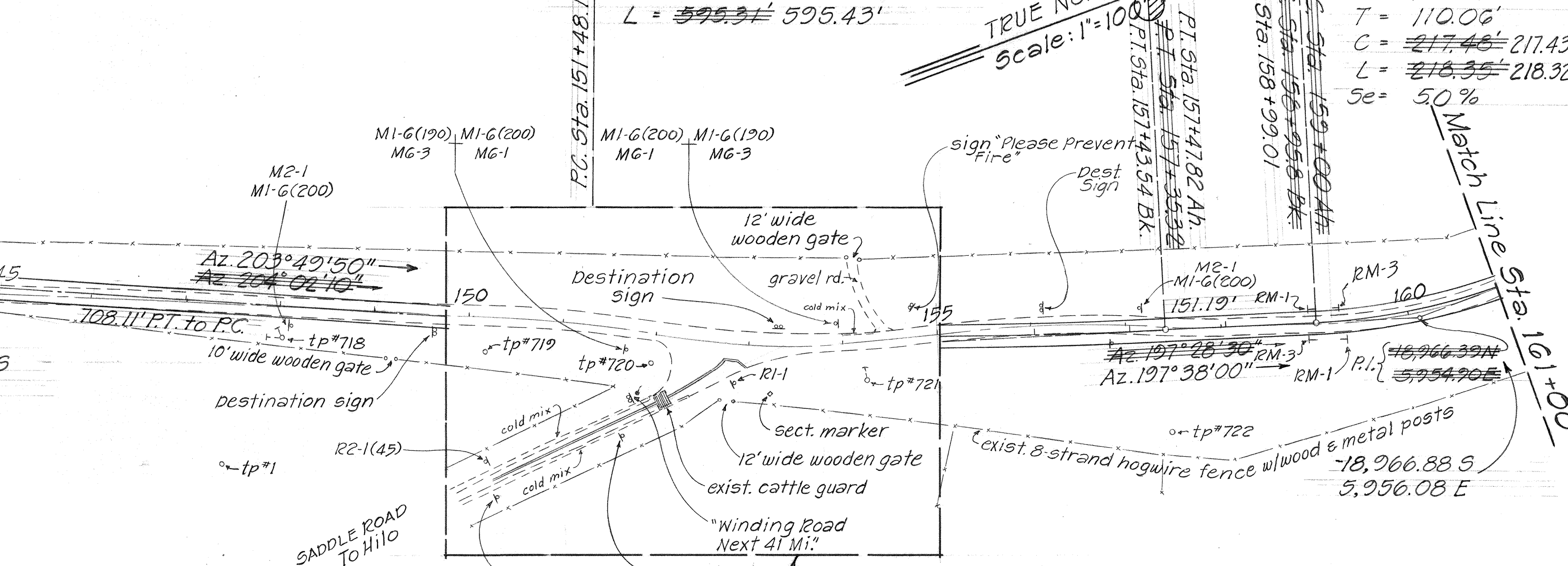
Curve Data No. 13 DATA

$\Delta = 16^\circ 21' 00''$ $17^\circ 29' 00''$
 $R = 1000.00'$ $935.32'$
 $T = 143.82'$
 $C = 284.76'$
 $L = 285.69'$
 $S_e = 5.0\%$
 $C = 284.30'$
 $L = 285.40'$



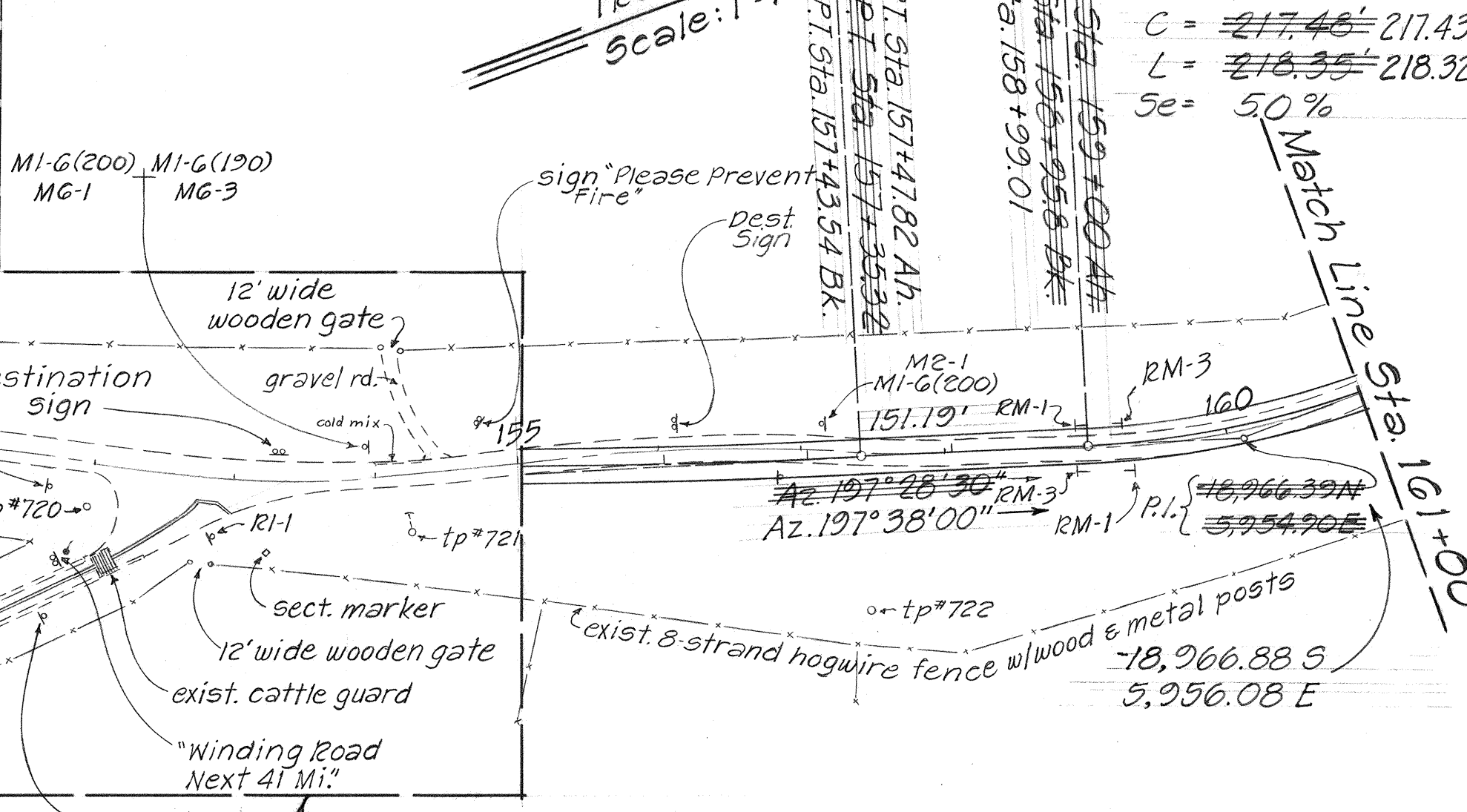
Curve Data No. 16 DATA

$\Delta = 7^\circ 56' 43''$ $8^\circ 09' 00''$
 $R = 1633.56'$ $1592.31'$
 $T = 113.44'$
 $C = 226.34'$ $226.31'$
 $L = 226.52'$ $226.50'$



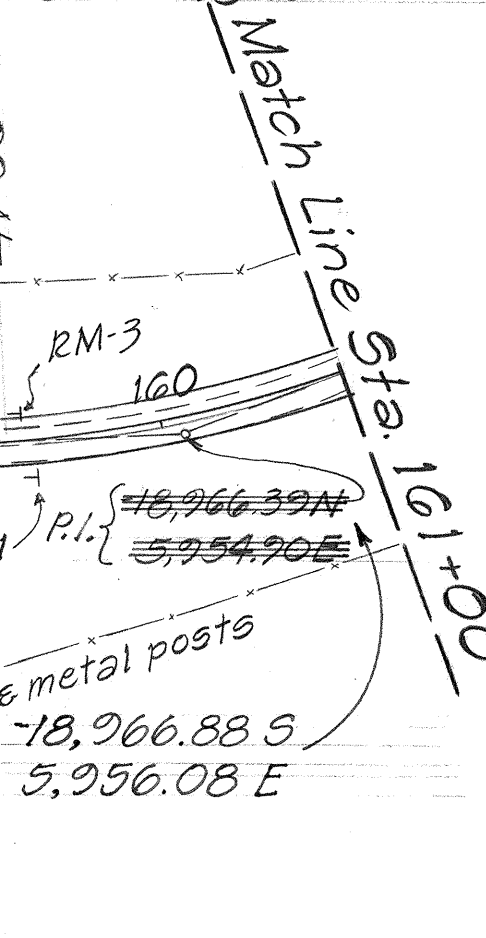
Curve Data No. 17 DATA

$\Delta = 6^\circ 33' 37''$ $6^\circ 11' 50''$
 $R = 5199.35'$ $5505.00'$
 $T = 297.98'$ $298.01'$
 $C = 594.99'$ $595.14'$
 $L = 595.31'$ $595.43'$



Curve Data No. 18 DATA

$\Delta = 7^\circ 47' 20''$ $17^\circ 56' 20''$
 $R = 709.29'$ $697.30'$
 $T = 110.06'$
 $C = 217.46'$ $217.43'$
 $L = 218.35'$ $218.32'$
 $S_e = 5.0\%$



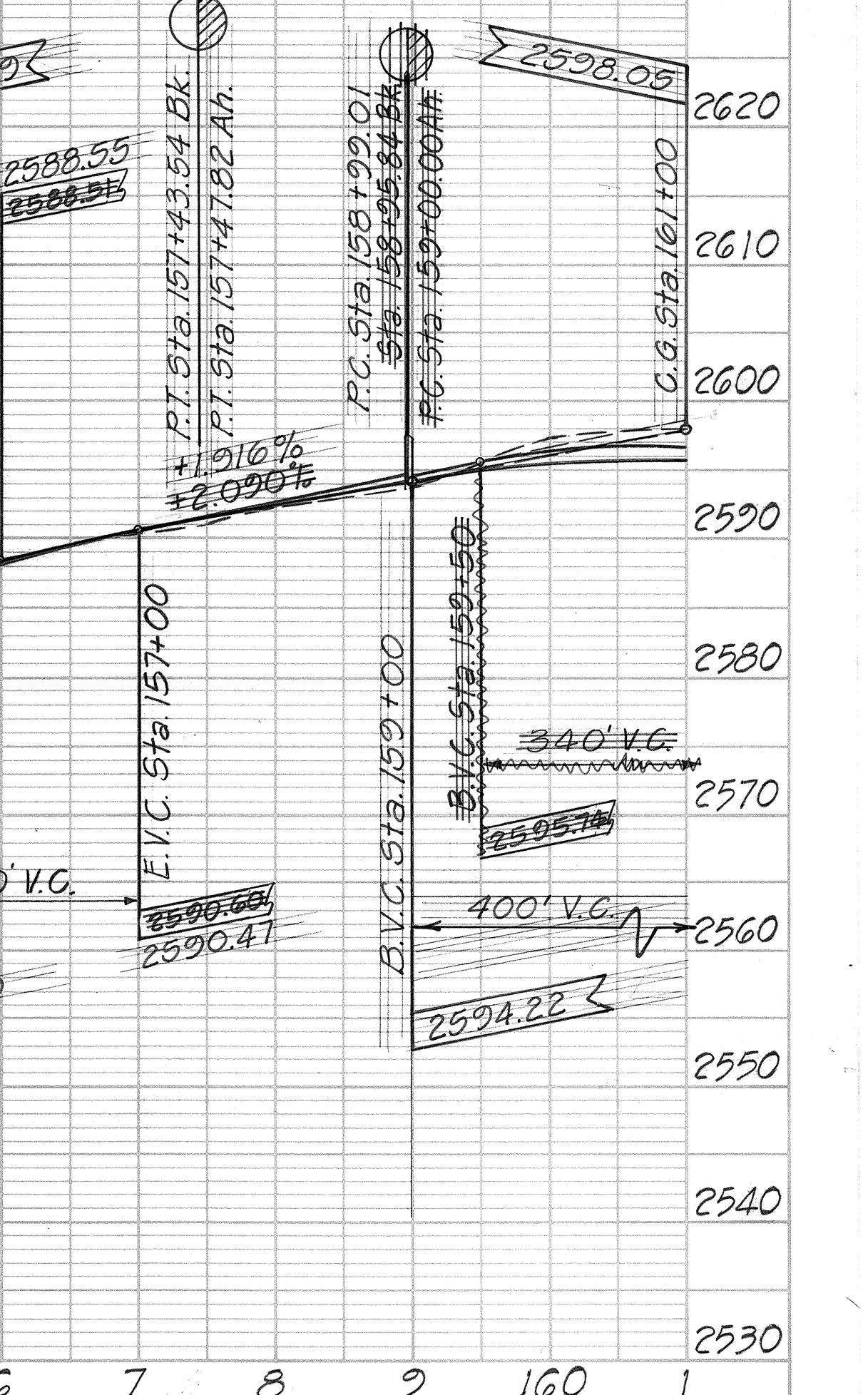
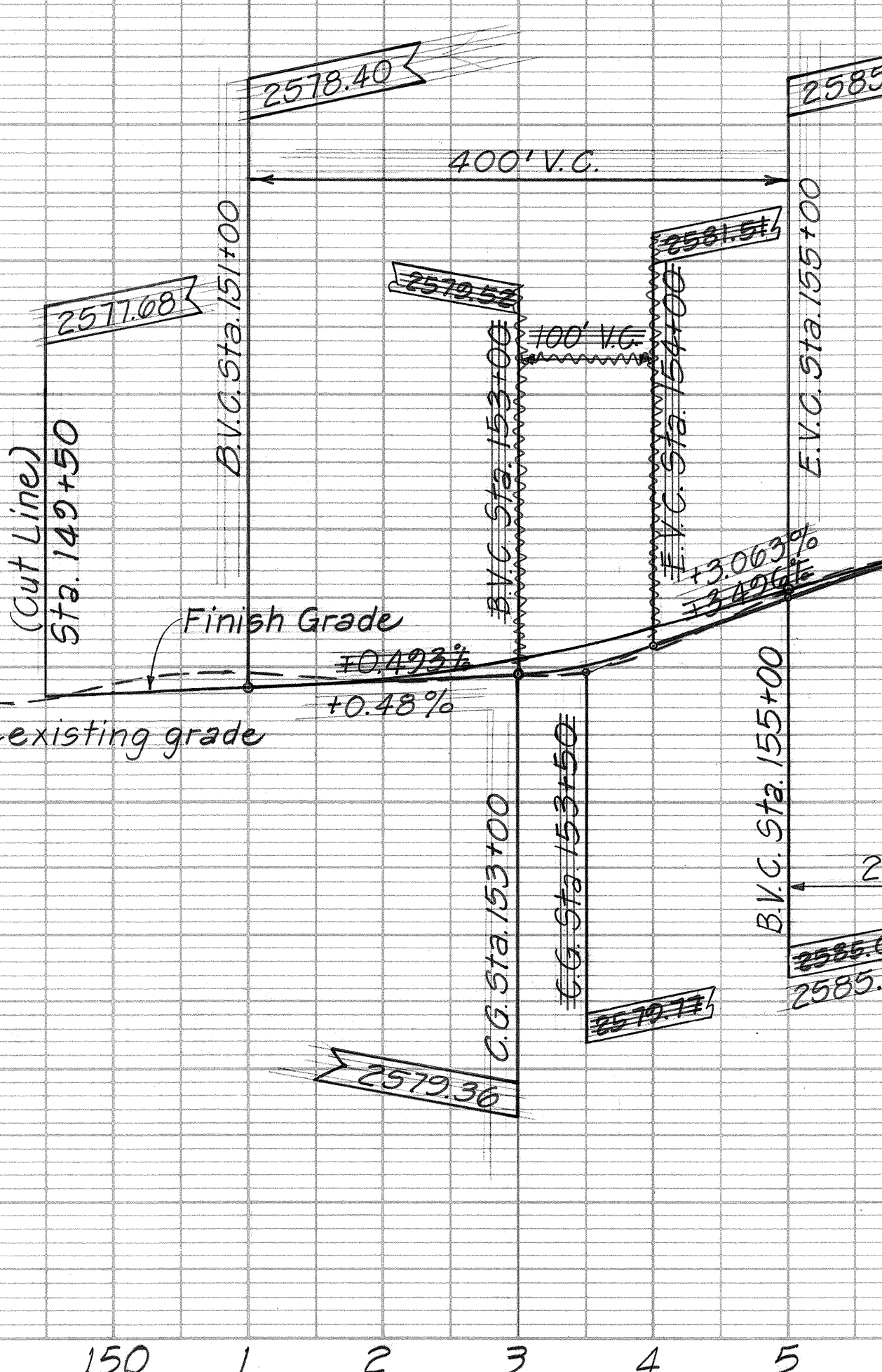
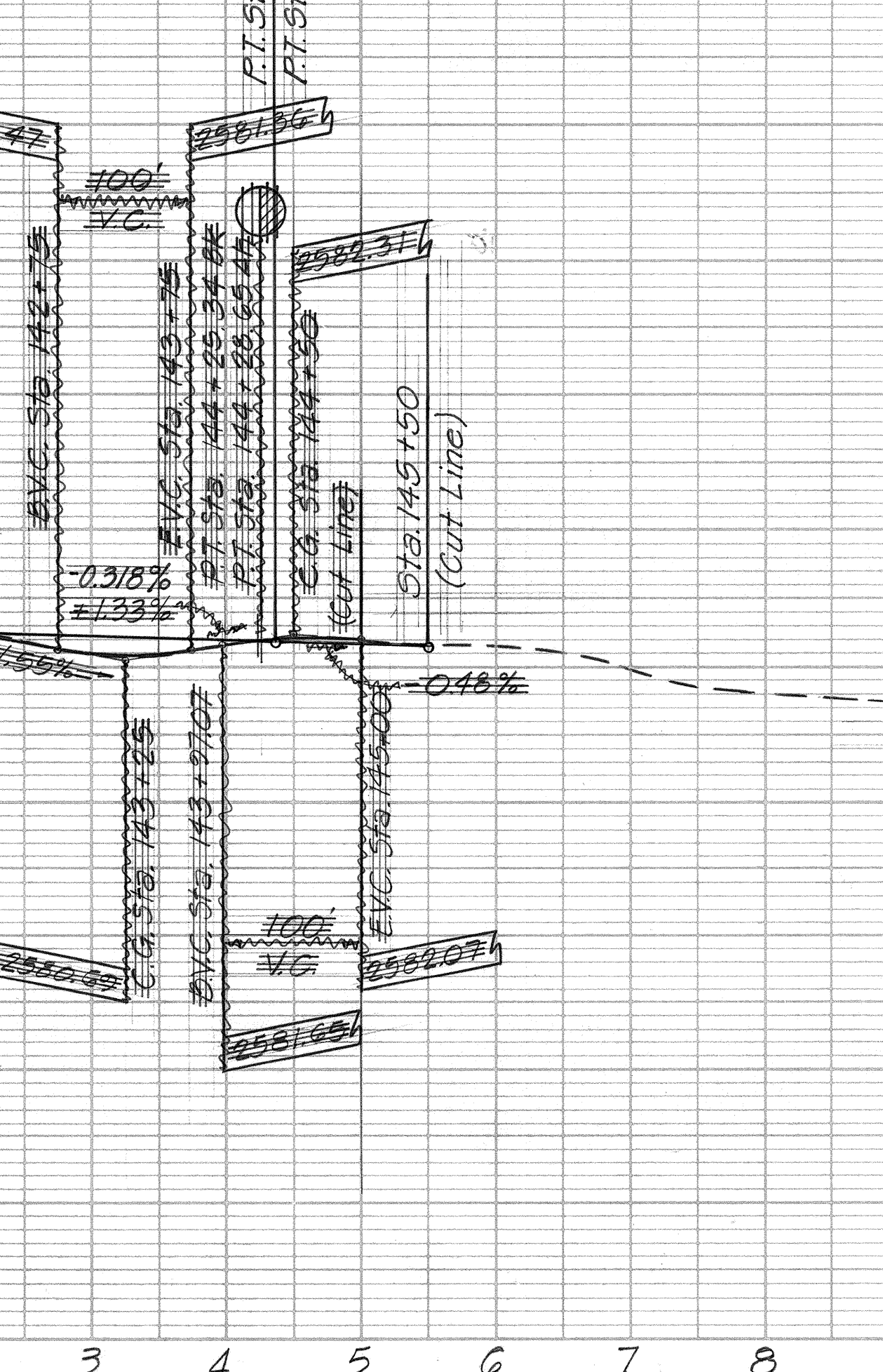
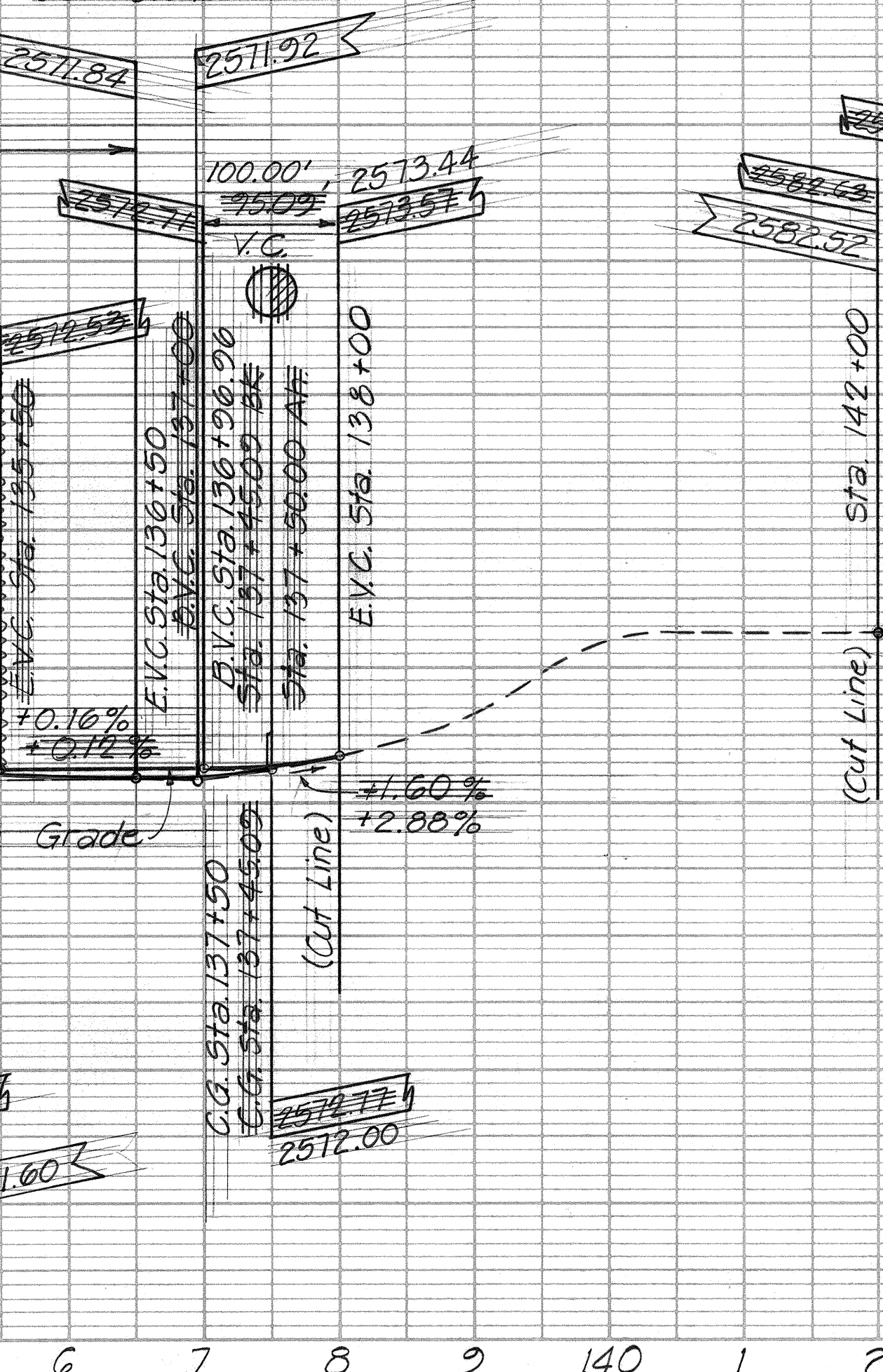
Curve Data No. 14 DATA

$\Delta = 16^\circ 43' 17''$ $17^\circ 51' 20''$
 $R = 1000.00'$ $936.45'$
 $T = 146.96'$ $147.11'$
 $C = 290.80'$ $290.65'$
 $L = 291.84'$ $291.83'$
 $S_e = 5.0\%$

Curve Data No. 15 DATA

$\Delta = 6^\circ 22' 44''$ $6^\circ 20' 30''$
 $R = 1475.27'$ $1483.81'$
 $T = 82.20'$
 $C = 164.16'$ $164.15'$
 $L = 164.24'$ $164.23'$

$\Delta = 16^\circ 43' 17''$ $17^\circ 51' 20''$
 $R = 1000.00'$ $936.45'$
 $T = 146.96'$ $147.11'$
 $C = 290.80'$ $290.65'$
 $L = 291.84'$ $291.83'$
 $S_e = 5.0\%$

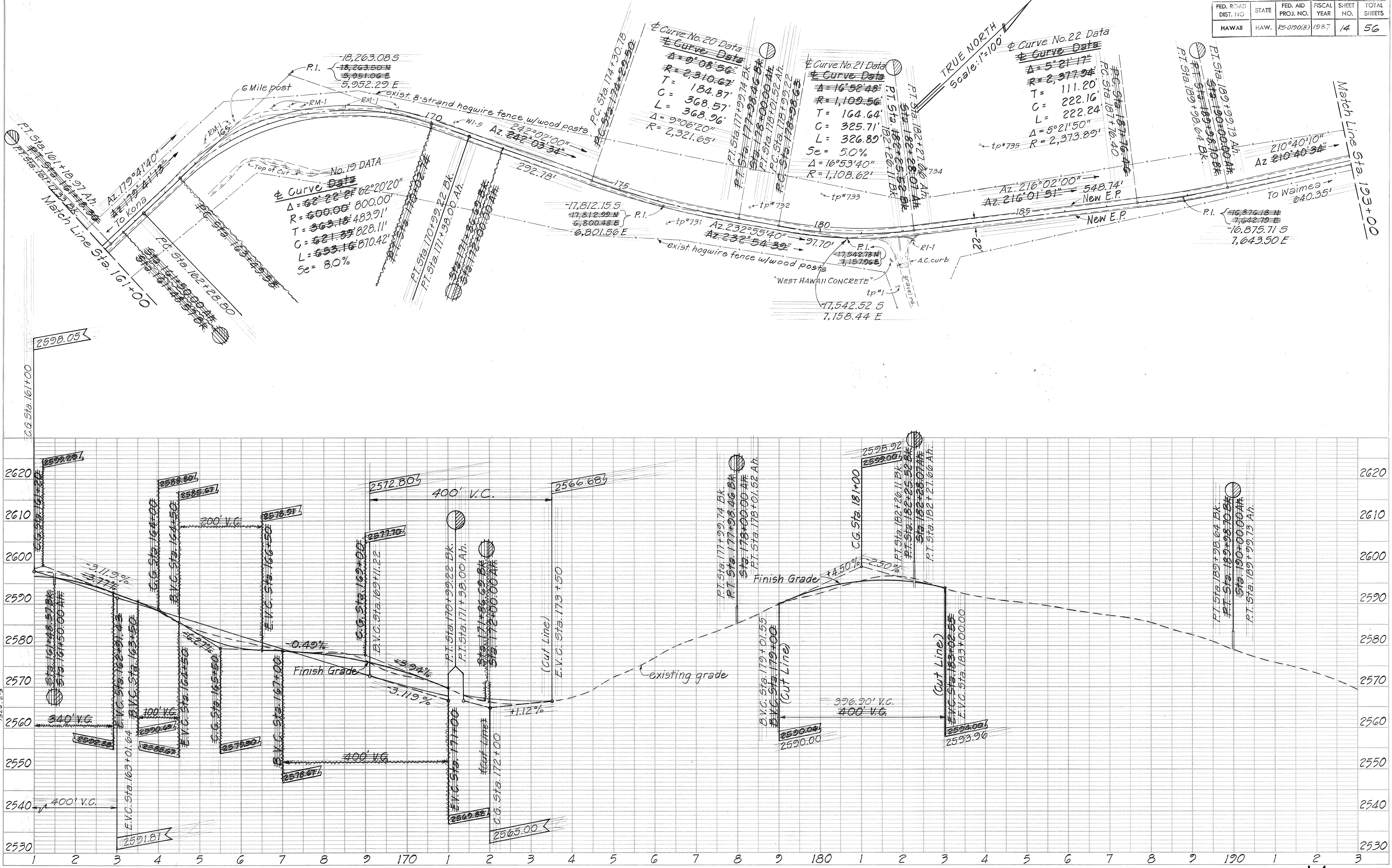


PROFILE	SURVEYED	DATE
NO. 1322	BY	Sept. 26
5-13	PLOTTED	
	NOTE BOOK	
	GRADES CHECKED	
	E.M.'S. NOTED	
	STRUCTURE NOTATIONS CHD.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	P5-0190(3)	1987	14	56

PLAN	DATE	BY
SURVEYED	Sept. 86	
NOTE BOOK		
ALIGNED CHECKED		
RT. OF WAY CHECKED		
41-44, 49-52		

PROFILE	DATE	BY
SURVEYED	Sept. 86	
NOTE BOOK		
GRADES CHECKED		
NO. 13255		
STRUCTURE NOTATIONS CHD.		
326.23		



PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED	do	Aug 26
NO 1255:	ALIGNMENT CHECKED		
32-34	RT. OF WAY CHECKED		

PROFILE	BY		DATE
SURVEYED			
PLOTTED			
GRADES CHECKED			
B. M.'S NOTED			
STRUCTURE NOTATION CHECKED			
NO. 1325-30.45.53			

