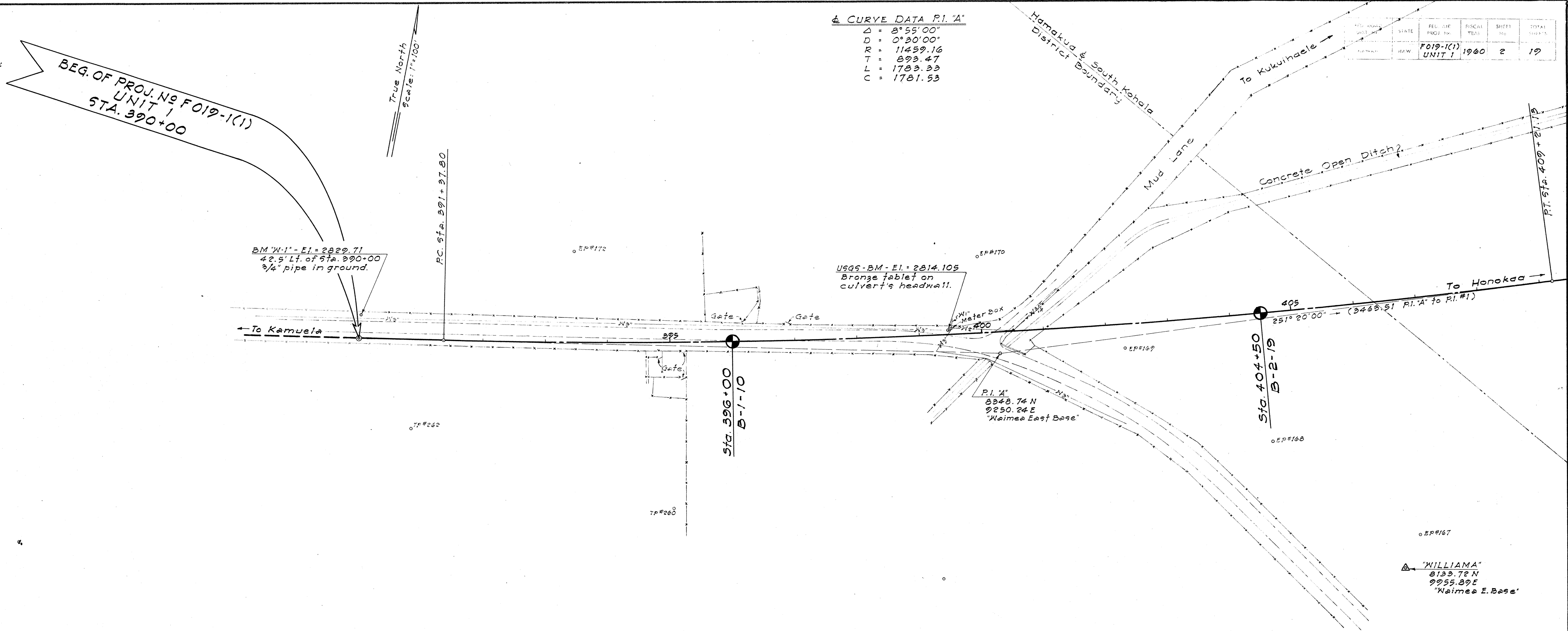


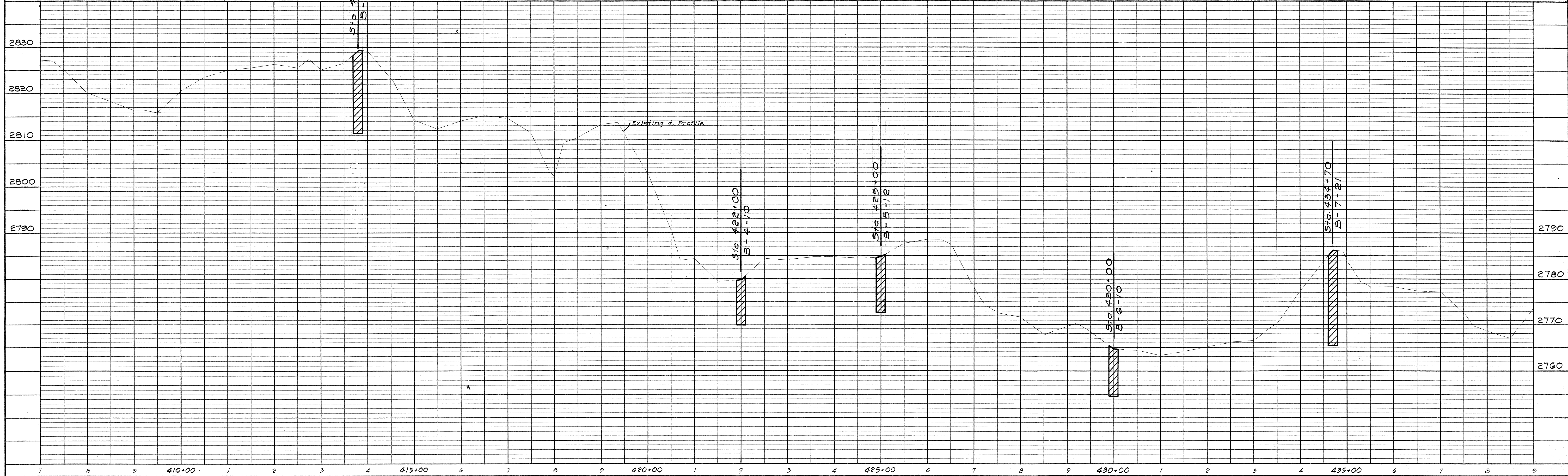
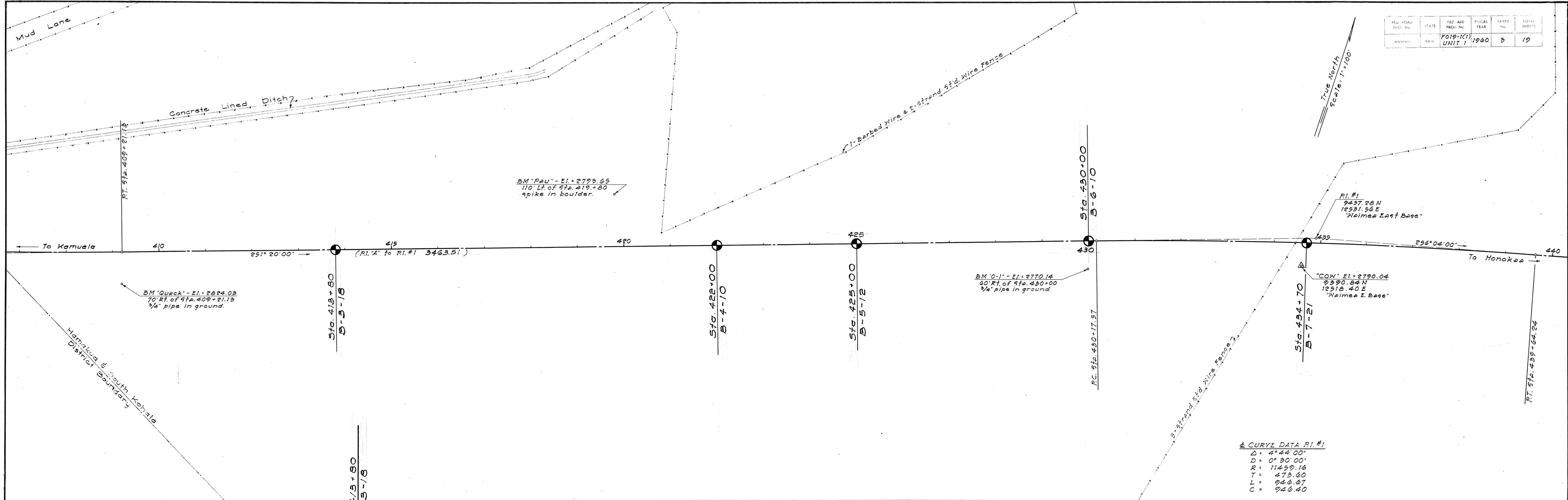
PLAN	DATE
SURVEYED	BY
NOTE BOOK	ALIGNMENT CHECKED
NO.	RT. OF WAY CHECKED

PROFILE	DATE
SURVEYED	BY
NOTE BOOK	GRADES CHECKED
NO.	S. M.S. NOTED
	STRUCTURE NOTATIONS CHKD.



PLAN	SURVEYED	DATE
	NOTED	BY
	NOTE BOOK	ALIGNED CHECKED
	NO.	RT. OF WAY CHECKED

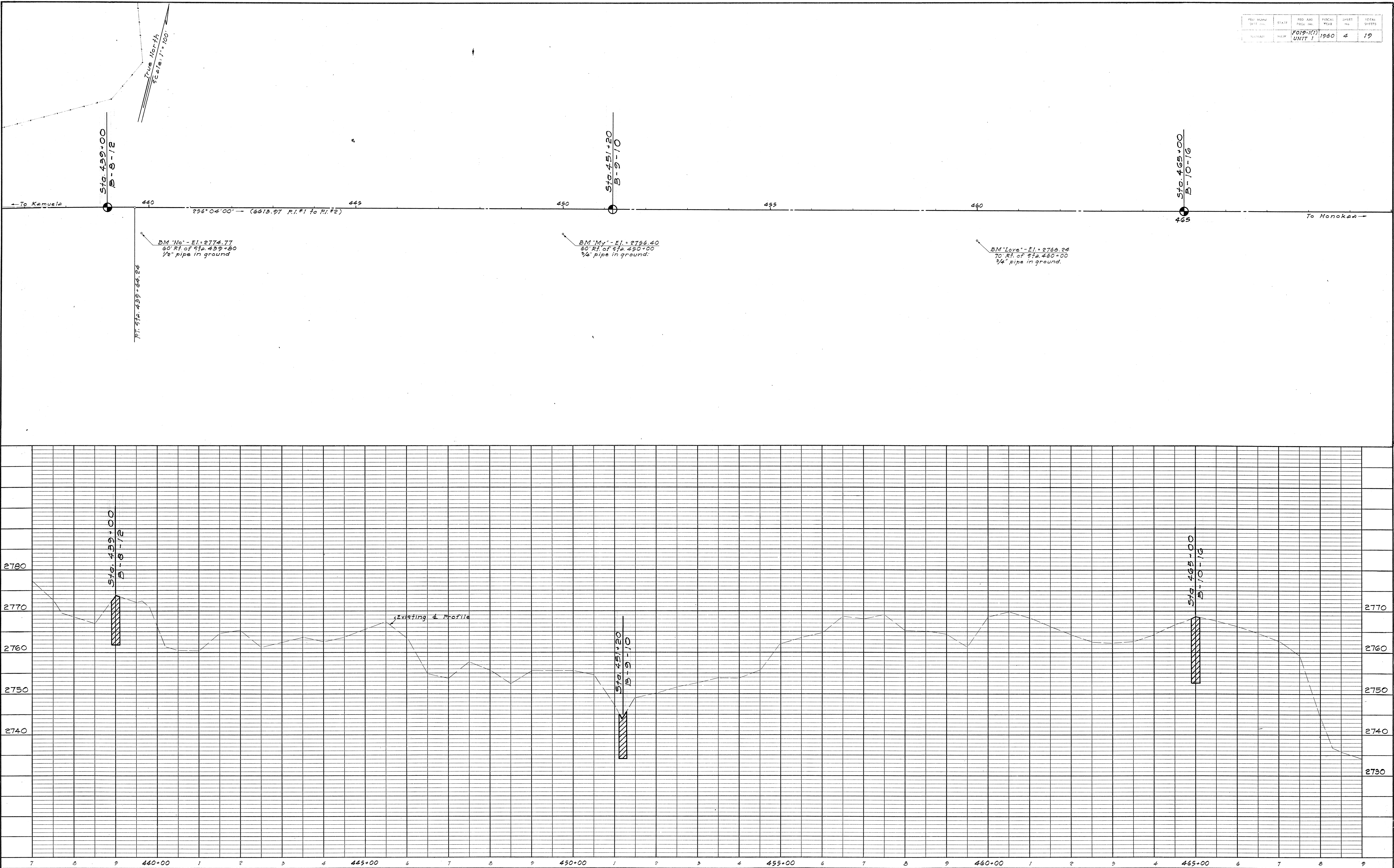
PROFILE	SURVEYED	DATE
	NOTED	BY
	NOTE BOOK	GRADES CHECKED
	NO.	STRUCTURE NOTATIONS CHKD.



PLAN	SURVEYED	BY	DATE
	NOTE BOOK		
	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		

PROFILE	SURVEYED	BY	DATE
	NOTE BOOK		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHD.		

FED. ROAD DIST. DIV.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1019-1(1)	1960	4	19



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	HAWAII	FO19-1(1) UNIT 1	1960	5	19

PLAN	DATE
SURVEYED	
NOTED	
ALIGNMENT CHECKED	
RT. OF WAY CHECKED	
NO.	

PROFILE	DATE
SURVEYED	
NOTED	
GRADES CHECKED	
S. M.E. NOTED	
STRUCTURE NOTATIONS CHKD.	
NO.	

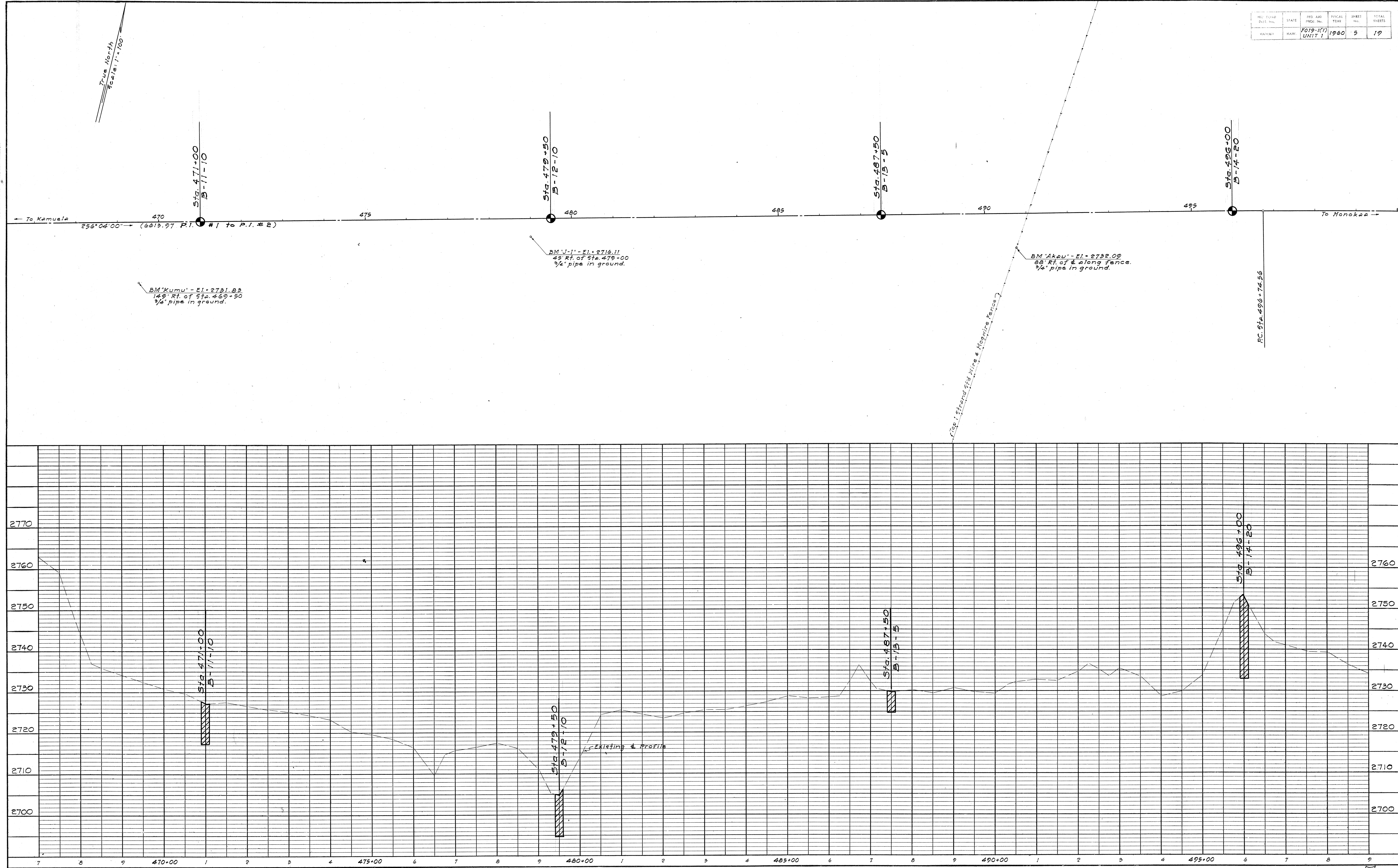
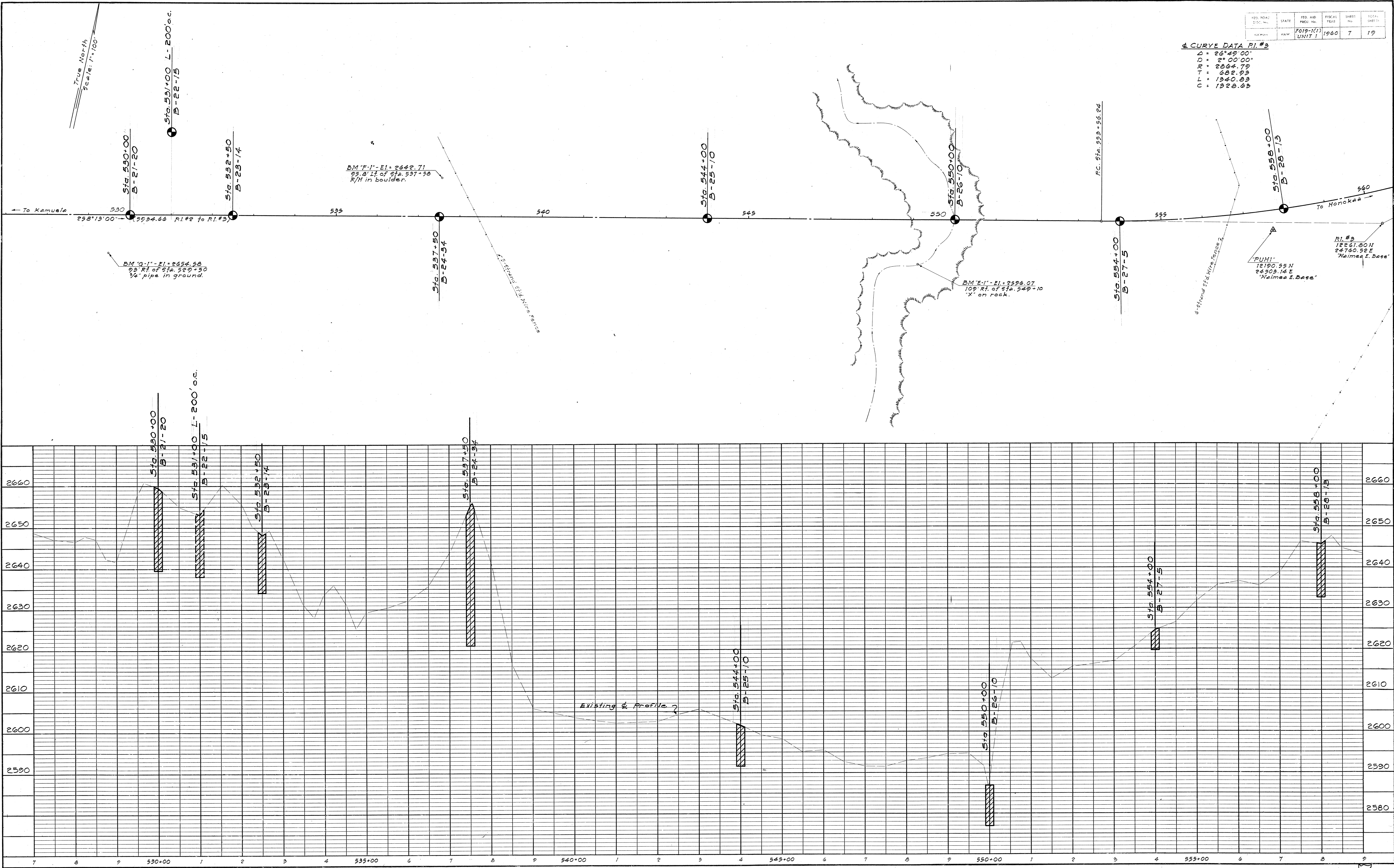


PLATE 1-PLAN-PROFILE O. P. R. & R. E. STANDARD

K & E Co. No. 346-1C
"IMPERIAL" TRAILING CLOTH
1958

PLAN	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK	ALIGNMENT CHECKED	
	RT. OF WAY CHECKED	
NO.		

PROFILE	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD.	
NO.		



CURVE DATA RI. #3
D = 26°49'00"
L = 1340.83
C = 1328.63

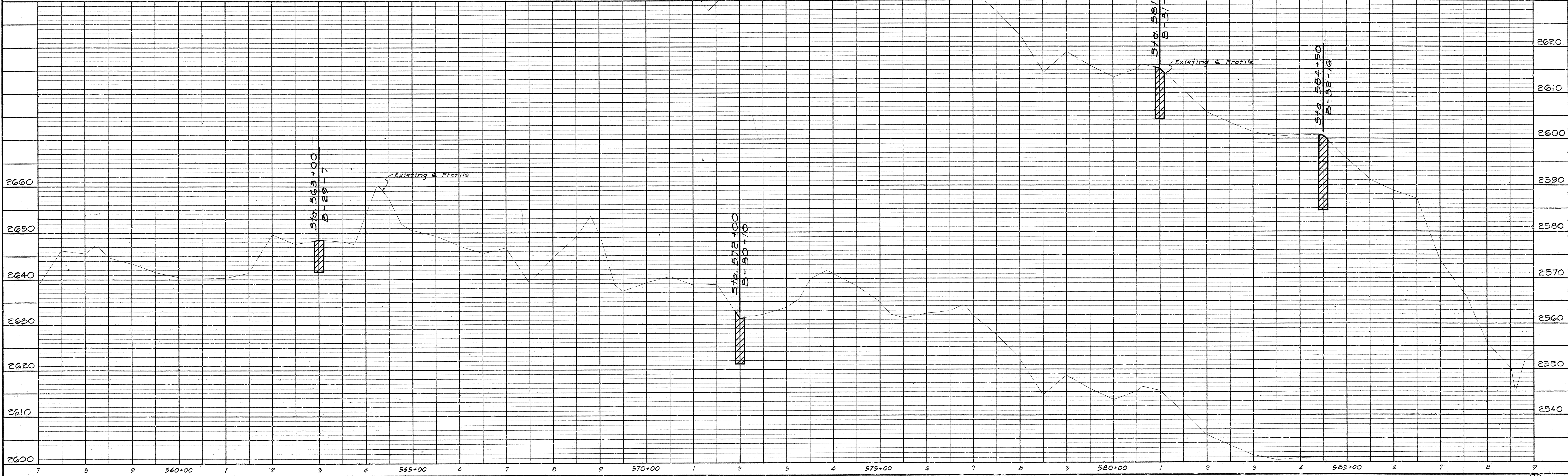
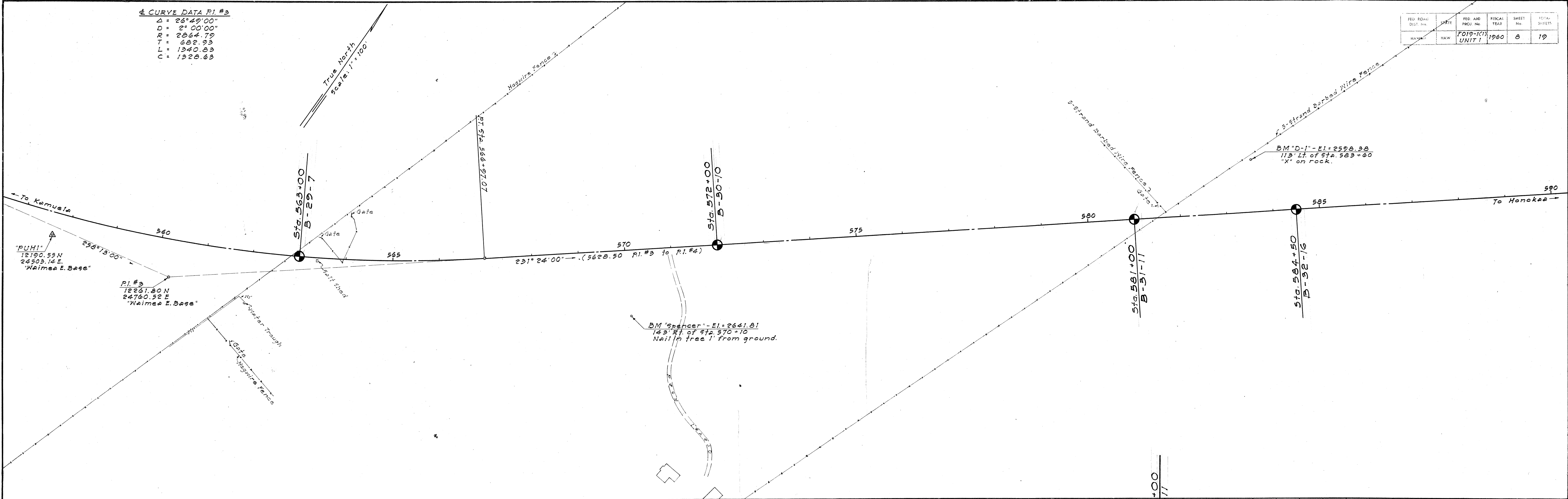
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1019-1(1)	HI	1960	7	19	

PLAN	SUBMITTED	DATE
	BY	
NOTE BOOK	ALIGNED	
	PLOTTED	
NO.	NOTE BOOK	
	NO.	

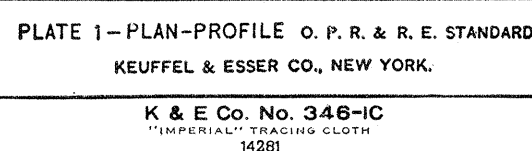
PROFILE	SUBMITTED	DATE
	BY	
NOTE BOOK	GRADES CHECKED	
	PLOTTED	
NO.	STRUCTURE NOTATIONS CHECKED	
	NO.	

4 CURVE DATA P.I. #3
 $\Delta = 26^\circ 49' 00''$
 $D = 2^\circ 00' 00''$
 $R = 2864.79$
 $T = 682.93$
 $L = 1340.83$
 $C = 1328.63$

FED. ROAD DIST. NO.	SHEET	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAWAII	FO19-K11	1960	8	19
UNIT 1					



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	B. M.'S NOTED		
NO.	STRUCTURE NOTAT'NS CH'KD.		



PLAN	SURVEYED	DATE
	BY	
	NOTED	
	CHECKED	
	RT. OF WAY CHECKED	
	NO.	

PROFILE	SURVEYED	DATE
	BY	
	NOTED	
	CHECKED	
	B. M. NOTED	
	STRUCTURE NOTATIONS CHKD	
	NO.	

CURVE DATA P.I. #5
D = 31°22'00"
DD = 2°00'00"
RR = 2664.79
LL = 804.36
LLT = 1548.33
OLL = 1548.82

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	F019-1(1)	UNIT 1	1960	11

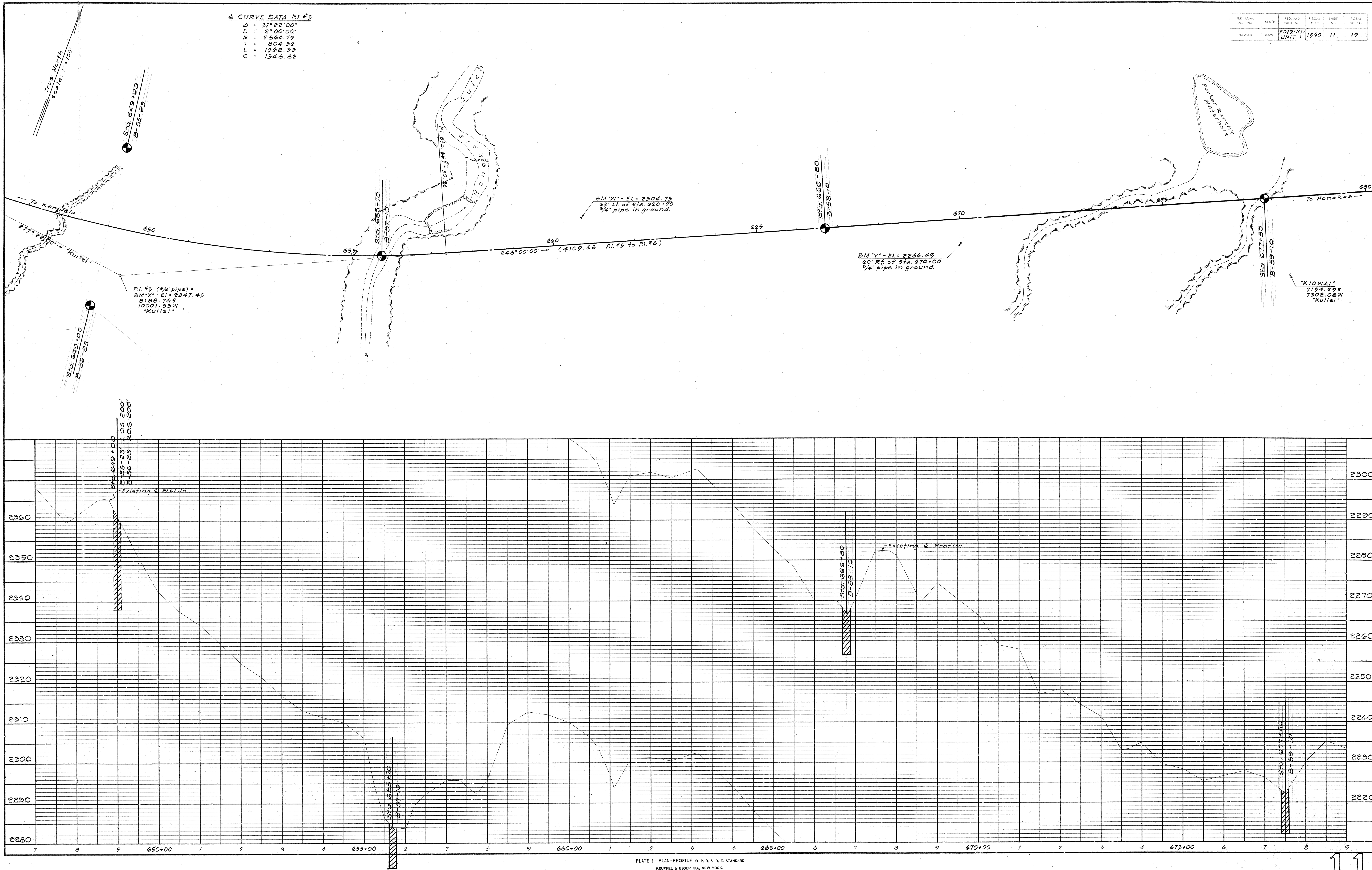


PLATE 1—PLAN—PROFILE O. P. R. & R. E. STANDARD

KEUFFEL & ESSER CO., NEW YORK.

K & E Co. No. 346-1C

IMPERIAL TRACING CLOTH

1958

FED. ROAD DIST. NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1919-101	HAW.	1920	12	19

PLAN	DATE
SURVEYED	
NOTE BOOK	
ALIGNMENT CHECKED	
RT. OF WAY CHECKED	

PROFILE	DATE
SURVEYED	
NOTE BOOK	
GRADES CHECKED	
B. M. S. NOTED	
STRUCTURE NOTATIONS CHECKED	

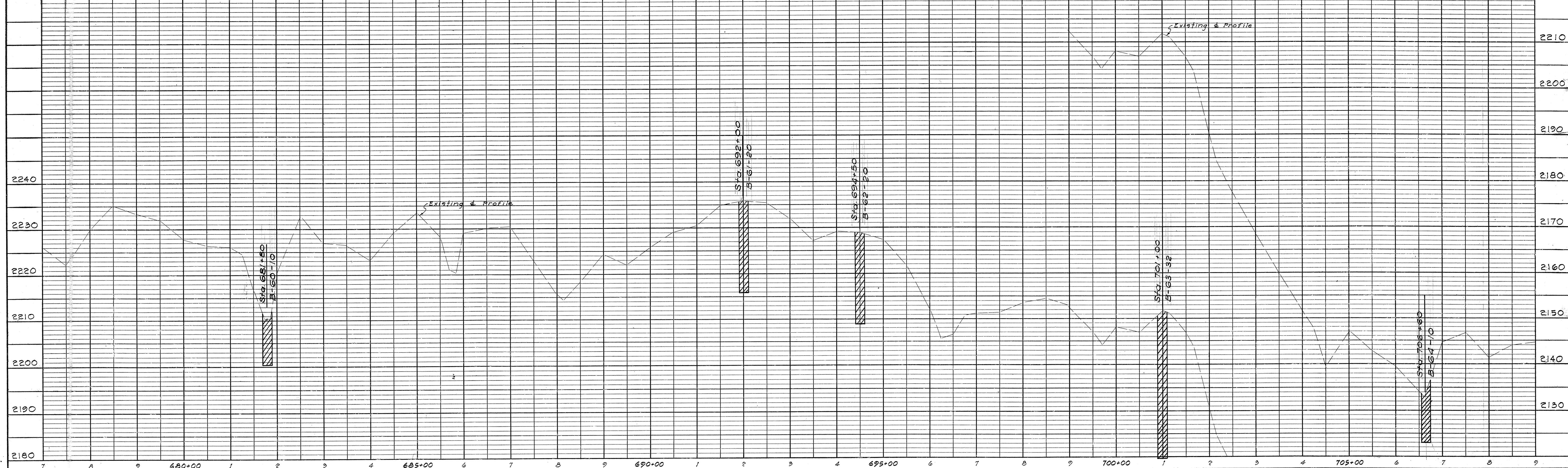
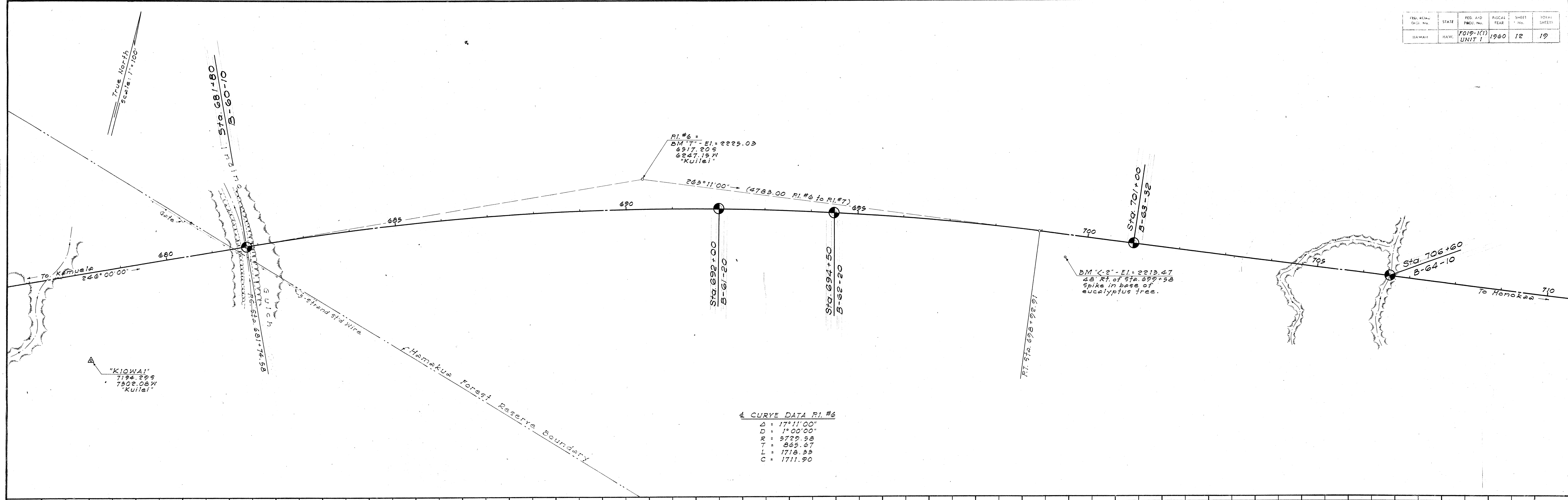


PLATE 1-PLAN-PROFILE O. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

K & E Co. No. 346-1C
"IMPERIAL" TRACING CLOTH
1920

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	RT. OF WAY CHECKED		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	RT. OF WAY CHECKED		

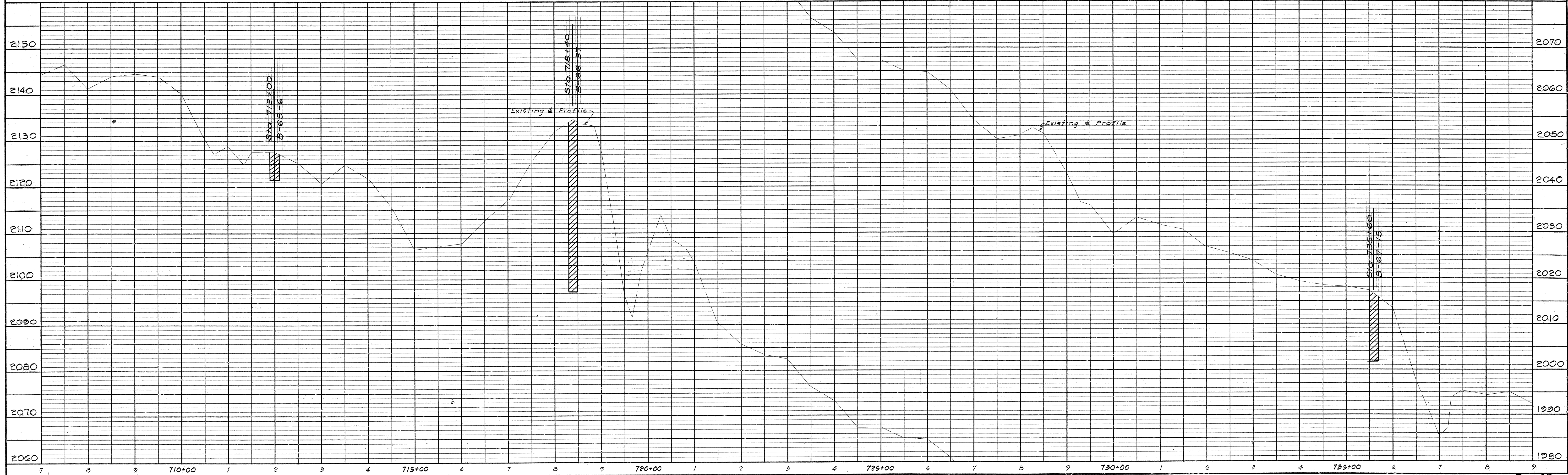
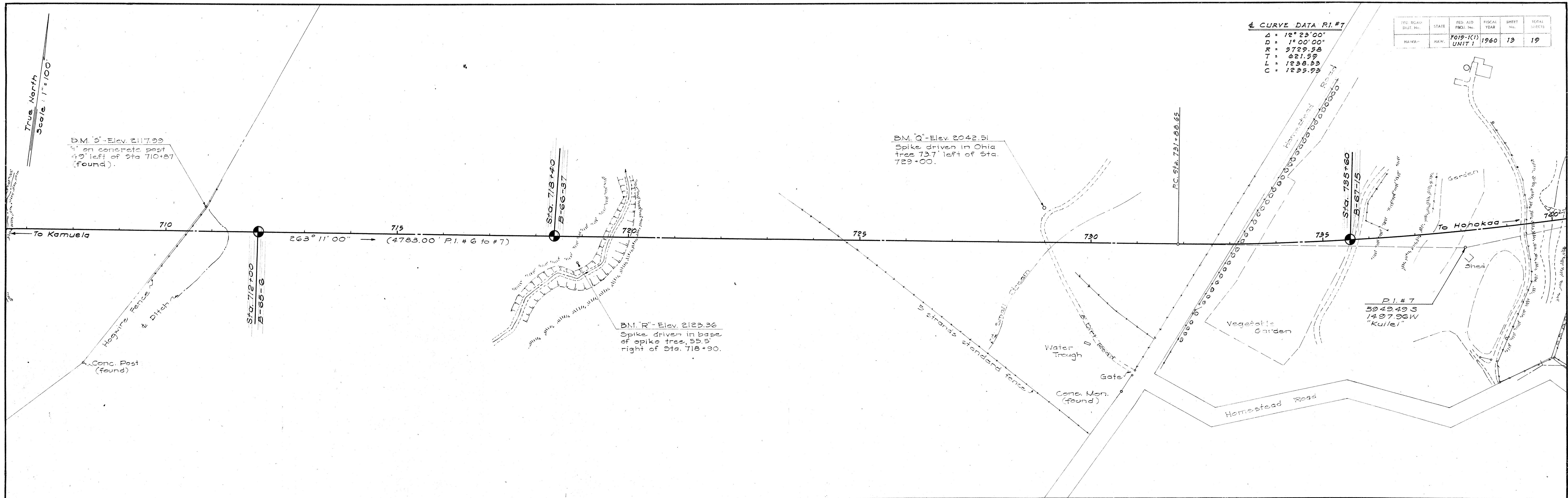


PLATE 1-PLAN-PROFILE O. P. R. & R. E. STANDARD

KEUFFEL & ESSER CO., NEW YORK

K & E Co. No. 348-1C

IMPERIAL TRADING CLOTH

1981

PLAN	SURVEYED	BY	DATE
	NOTE BOOK	ALIGNED CHECKED	NO. OF V.M. CHECKED

PROFILE	SURVEYED	BY	DATE
	NOTE BOOK	GAUGES CHECKED	B.M.S. NOTED
STRUCTURE NOTATIONS CHK'D.			

FED. ROAD DIST. NO.	STATE	FED. AND PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1019-1(1)	HAW.	UNIT 1	1960	14	19

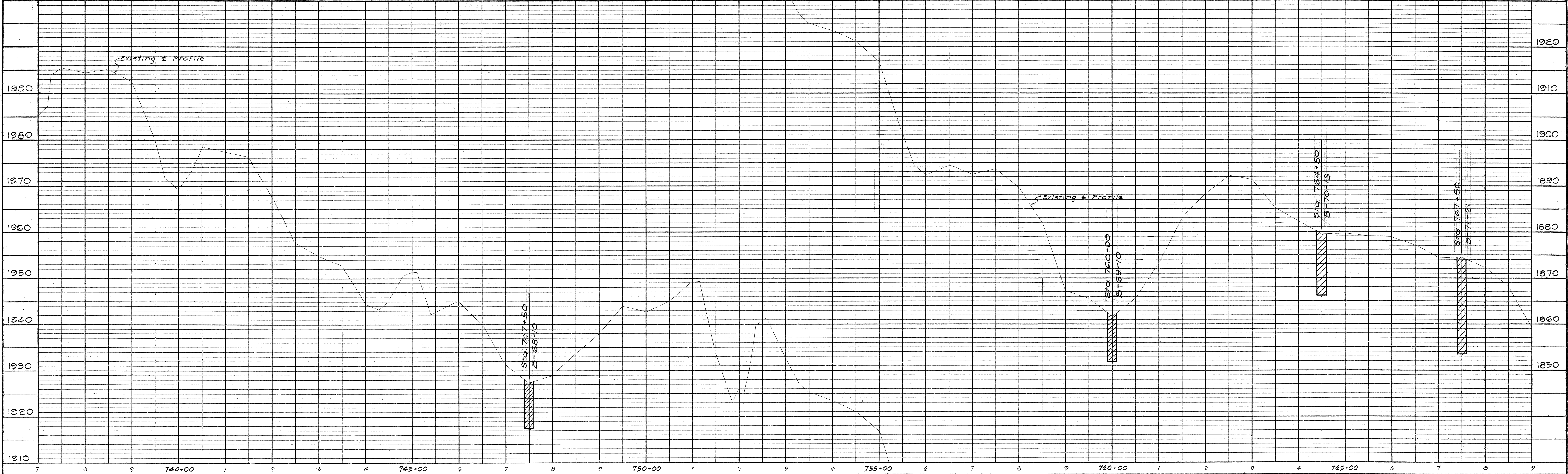
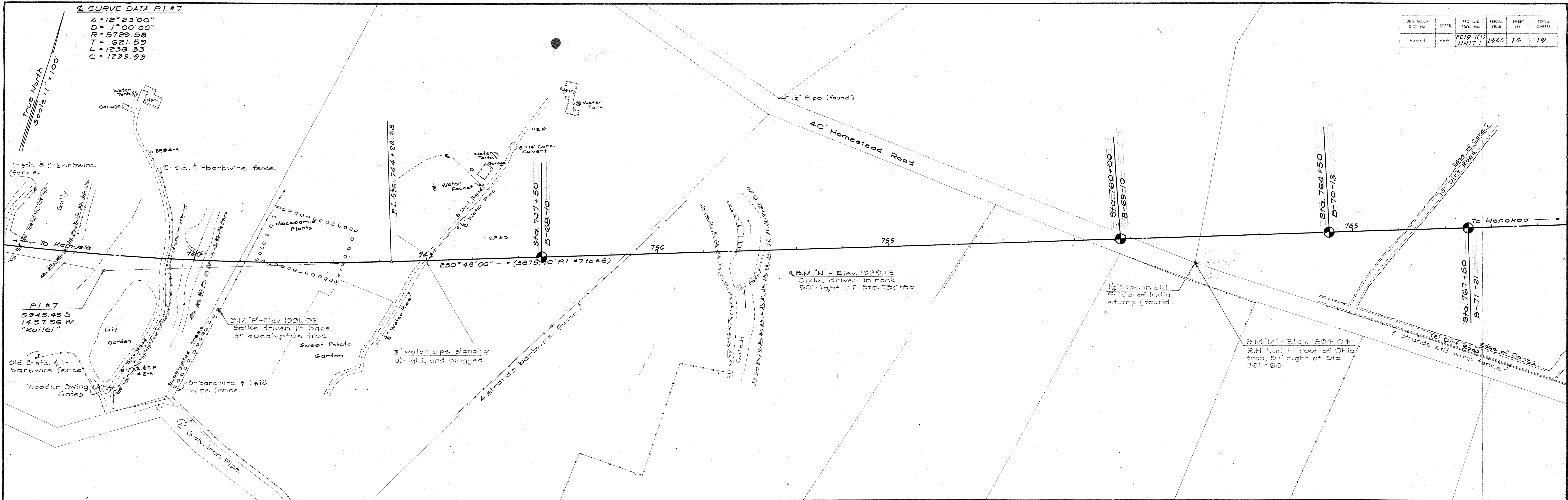


PLATE 1-PLAN-PROFILE O. P. R. & R. E. STANDARD

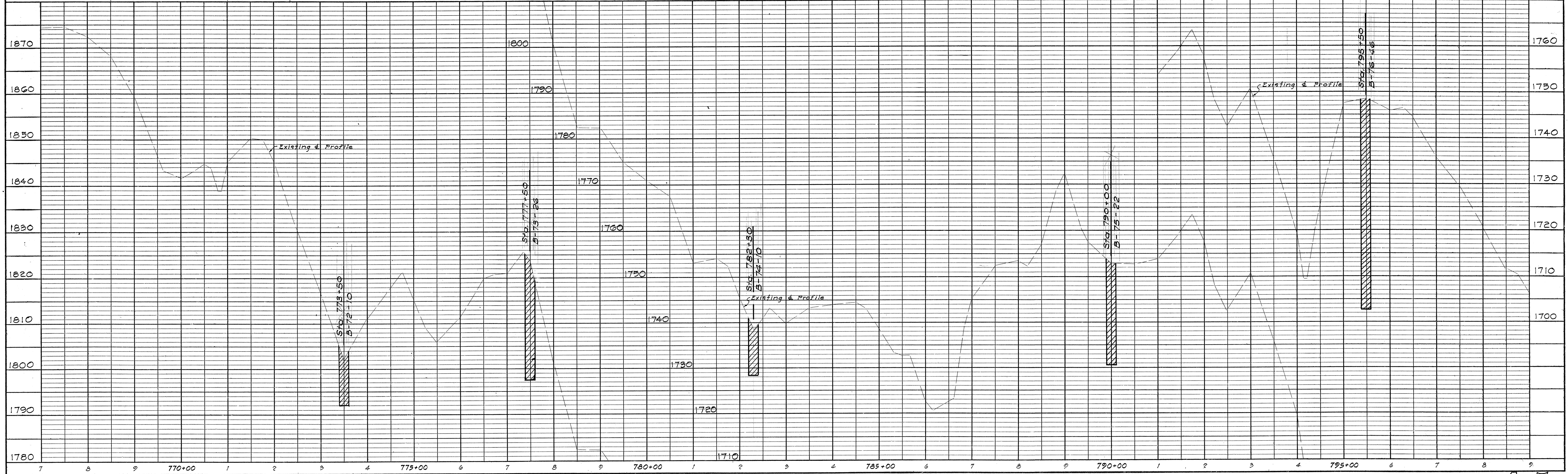
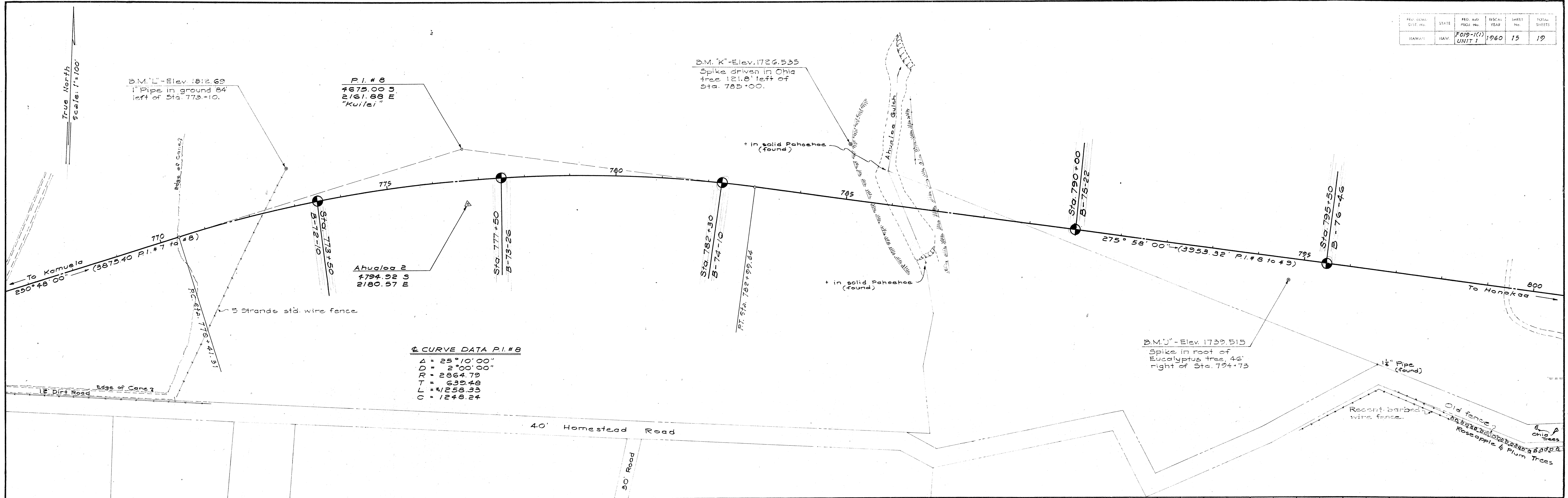
KEUFFEL & ESSER CO., NEW YORK.

K & E Co. No. 346-1C
 IMPERIAL TRADING CLOTH
 14281

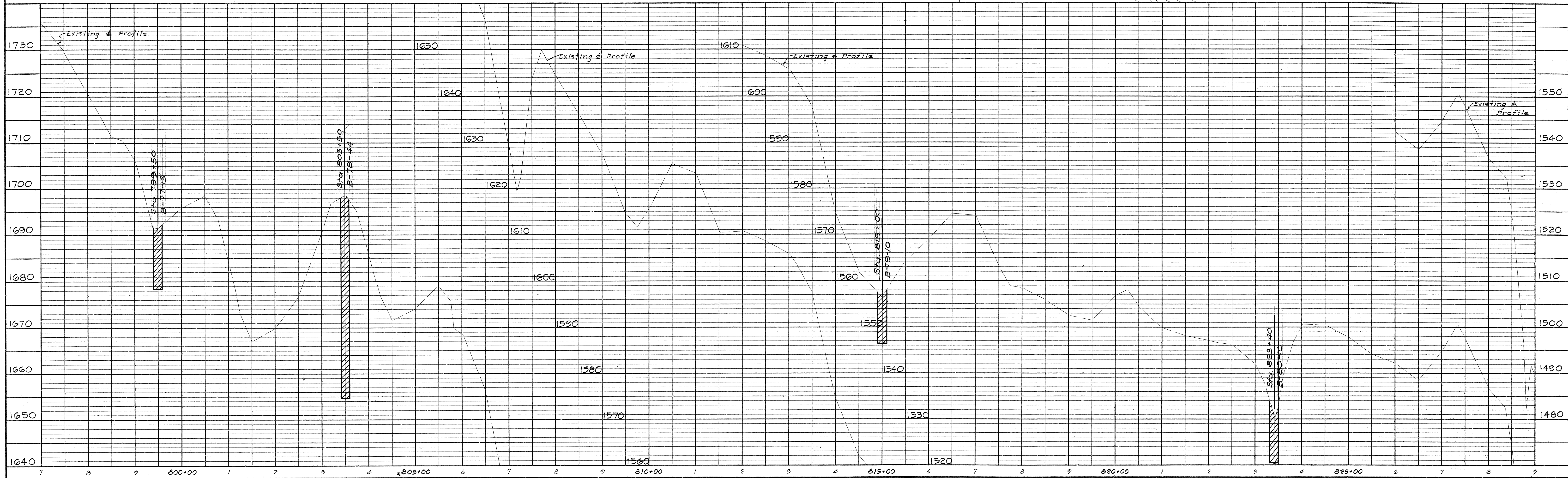
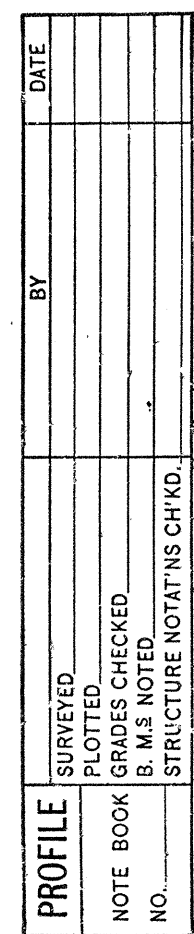
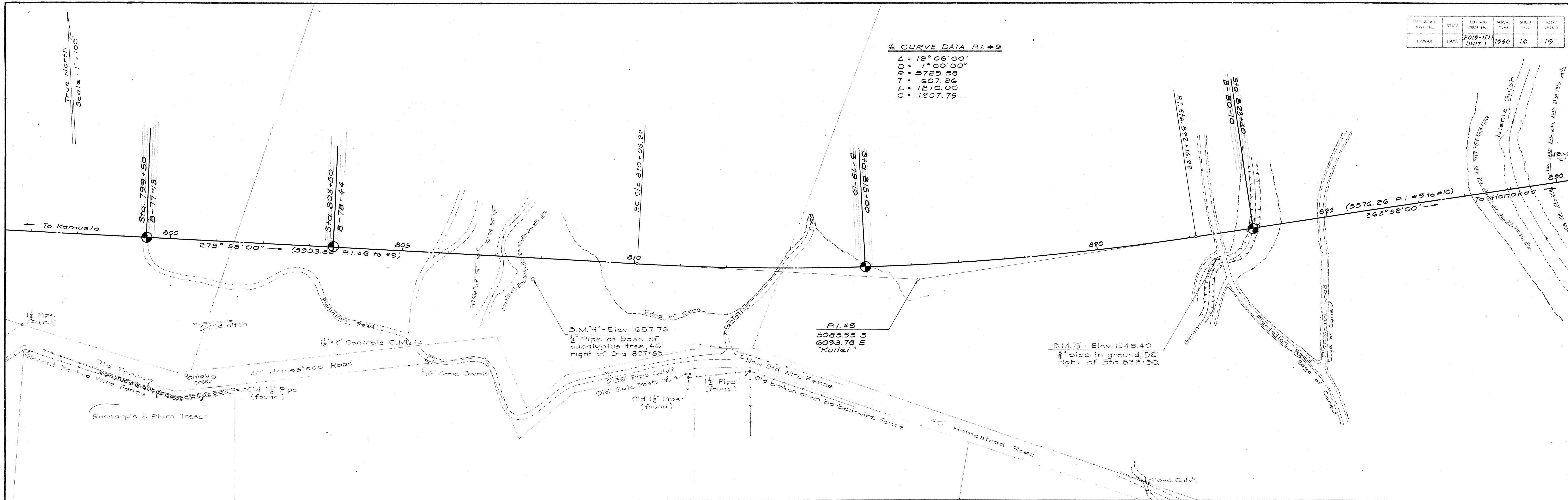
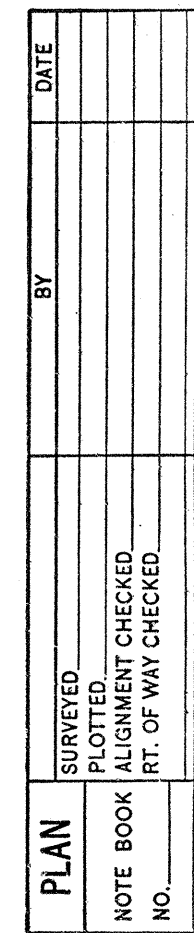
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	HAWAII	FO19-100	1960	15	19
		UNIT 1			

PLAN	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.		

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.		



FED. ROAD DIST. No.	STATE	FED. AND PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	FO19-1(1) UNIT 1	1960	16	19



PLAN	DATE
BY	
NOTED	
NOTE BOOK	
RT. OF WAY CHECKED	
NO.	

PROFILE	DATE
BY	
NOTED	
NOTE BOOK	
B. M. E. NOTED	
STRUCTURE NOTATIONS CHKD	
NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	HAWAII		1960	17	19

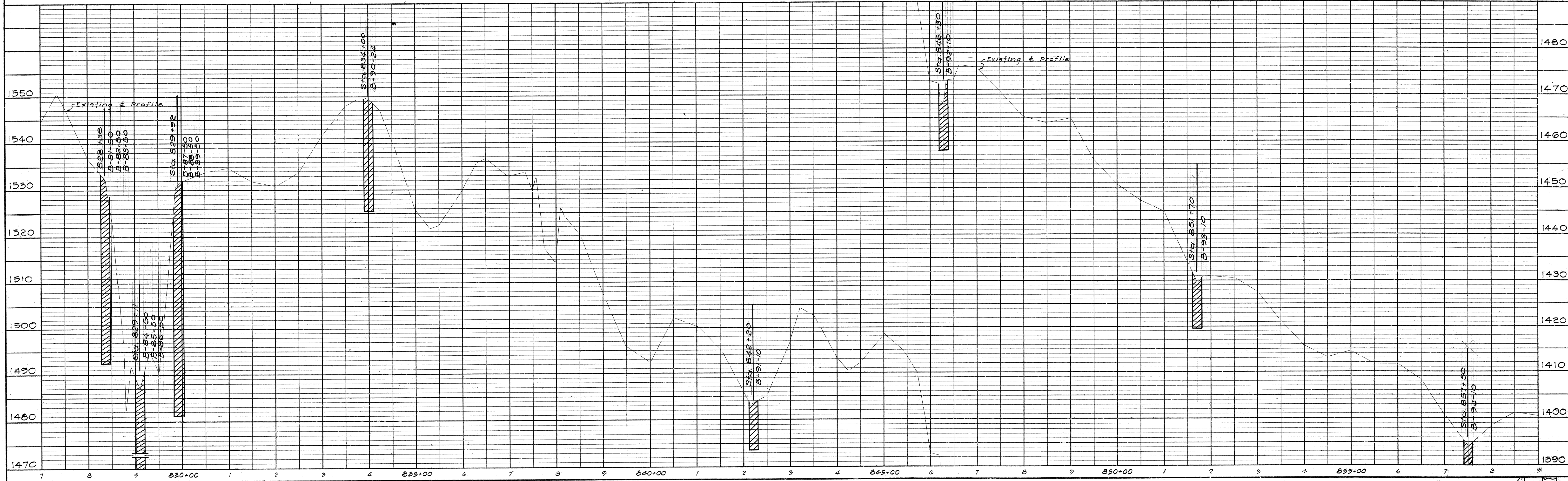
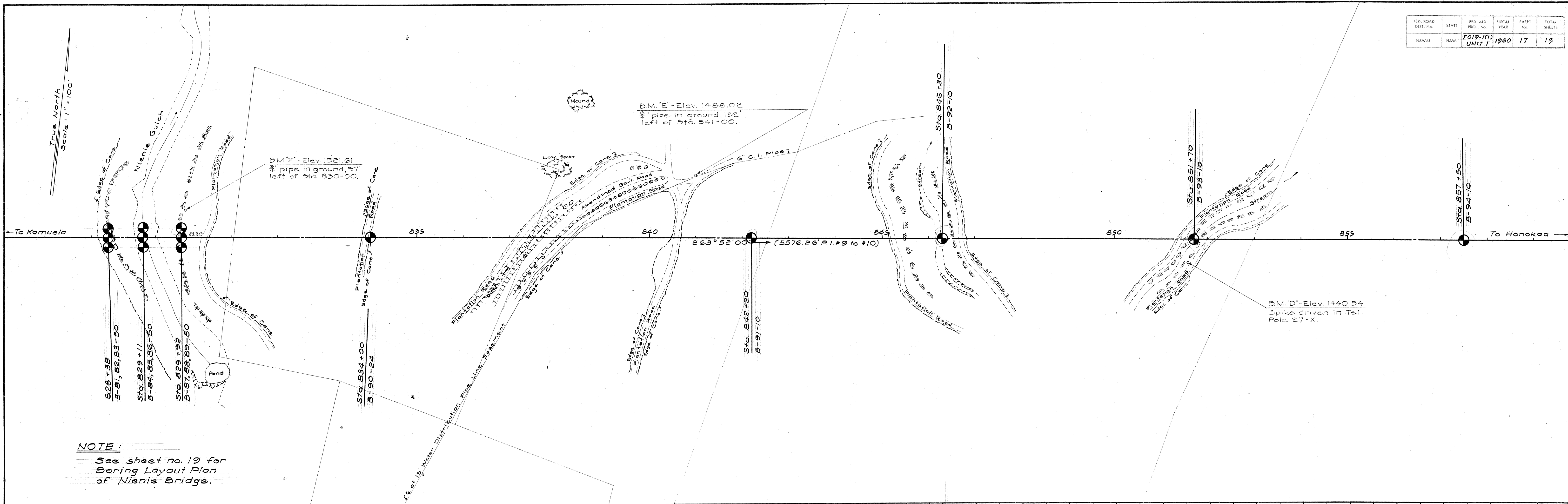


PLATE 1--PLAN-PROFILE O. P. R. & R. E. STANDARD

KEUFFEL & ESSER CO., NEW YORK.

K & E Co. No. 346-10
"IMPERIAL" TRACING CLOTH
1428

