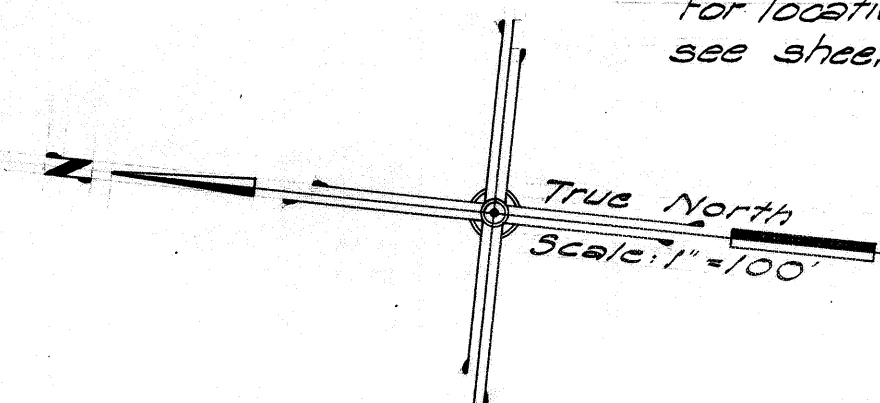


For location of Rock Mounds
see sheets 5795. 3A & 3B



Make easy riding connection
to existing pavement.

Wahikuli Homestead Road
Cane Haul Road

Install F.A. Marker → To 2 Men. El. 10.2

Portion of Exist. Pav't. to be
sacrificed and removed.
Incidental to Uncl. Exc.

Sta. - 0+50 - (install)
24" X-5 E.C.C Pipe 66' 64'
long 1-C.D.I.
Approx Quant.
24" X-5 E.C.C Pipe 66 lin ft. 64'
C1233 B-1 Conc. = 1.70y.
STRUC Exc. = 35 cy 20.5
Channel Exc. = 6 cy 0

Sta. 0+00 - Construct
3-centered Approach as
per standard detail.
~~Approx. Quant.~~
Pavt Area = 182 sq. 122
B.C. " = 188 sq. 120

4 CURVE DATA P.I. #1

$\Delta = 17^{\circ}-17'-00''$
 $D_c = 3^{\circ}-00'$
 $R_c = 1000.86'$
 $L_g = 200.00'$
 $T_g = 300.30'$
 $X_c = 100.05'$
 $Y_c = 3.40'$
 $L.T. = 133.35'$
 $\theta_g = 3^{\circ}-00'$
 $S.E. = 0.07'/ft. \quad 0.02$

Exist. Water Main
2" Galv. Pipe.
At Cover of 18"

Exist. Water Main
4" Galv. Pipe
Av. Cover of 2'

572 - 2730 to 3750
Construct Stone and Conc. Seawall
for detail See Sheet No. 5725.2
Approx. 144 cy Seawall
715 cy Rock Embankment

Sta. 2+50
Const. Approach
as shown.
Pavt. Area = 456 sq. 455
B.C. " = 472 sq. 490
Emb. = 183 cy.

Sta. 4+60 - Install
24" X-SRCC Pipe - 54' 112'
long. 2'-CHIN.
Approx. Quant:
24" X-SRCC Pipe - 54 lin. ft. 112
Class B-1 Conc. - 2.8 c.y.
Reinf. Steel - 84 lbs.
Struct. Exc. - 40 c.v. 28.0

B.M. #1 Elev. = 5.37'
3" Pipe with spike

~~Sta. 7+63
Install 24" X-S.R.C.C Pipe
58' long. 2 C.H.W.
Approx. Quant
24" X-S.R.C.C Pipe 58 lin. ft.
Class B-1 Conc. = 2.8 cu.
Rein. Steel = 84 lbs.
Struct Exc. = 15 cu.~~

B.M. No. 2 Elev. 7.15
 Spike in stump
 63' Rt. - Sta. 15+40

Sta. 20+53
Const. 5x3 Conc. Box Culvert —
for detail see Sheet No. 5795.22/
and 5795.23.

Existing 5' x 3' Box Culv.

~~Sta. 18+00~~
 Install 24" X-S R.C.C.
 Pipe 50' long. 2 C.H.W.
 Approx. Quantity 52
 24" X-S R.C.C. Pipe 50' lin ft.
 Class B-1 Conc. = 2.8 cy
 Reinf. Steel = 44 lbs.
 Struct. Exc. = 84 cu yd

SUMMARY of REGULATORY and WARNING SIGNS	
TYPE	TOTAL
R - 1	15
R - G6	1
R - 30	4
W - G	2
Total	22

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEET
HAWAII	HAW.	F030-1(1)	1956	4	60

AUG. 27, 1956

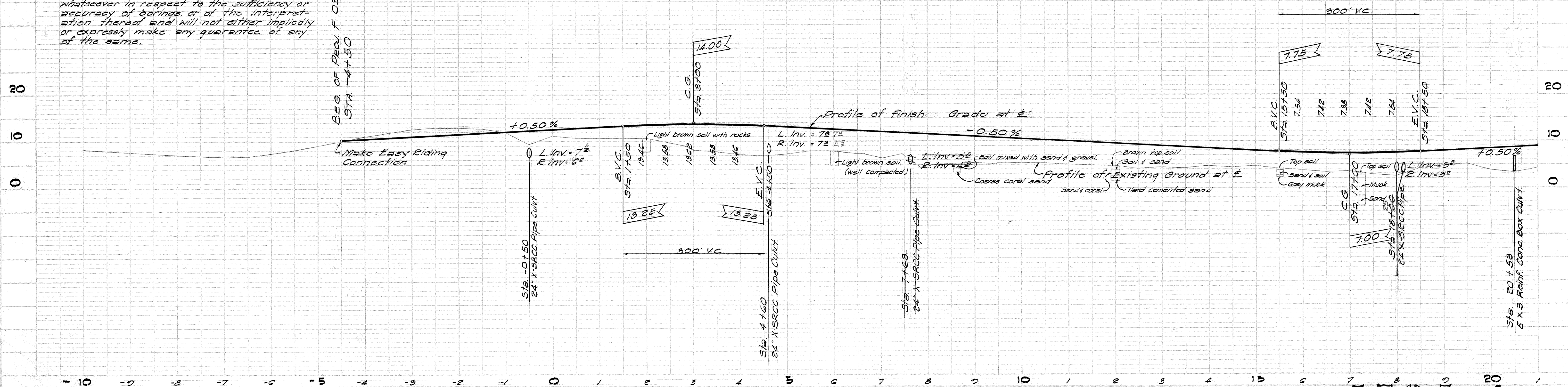
P A C / F / C

O C E A N

NOTE:
Origin of Azimuth - "Laina"
B.M. Elev. Referred to Mean Sea Level

NOTE:
The boring data shown on these plan sheets are for design purpose only, and is for the convenience of the Engineer in the control of earthwork. The borings were carefully taken and are believed to be reliable, however the Department assumes no responsibility whatsoever in respect to the sufficiency or accuracy of borings or of the interpretation thereof and will not either impliedly or expressly make any guarantee of any of the same.

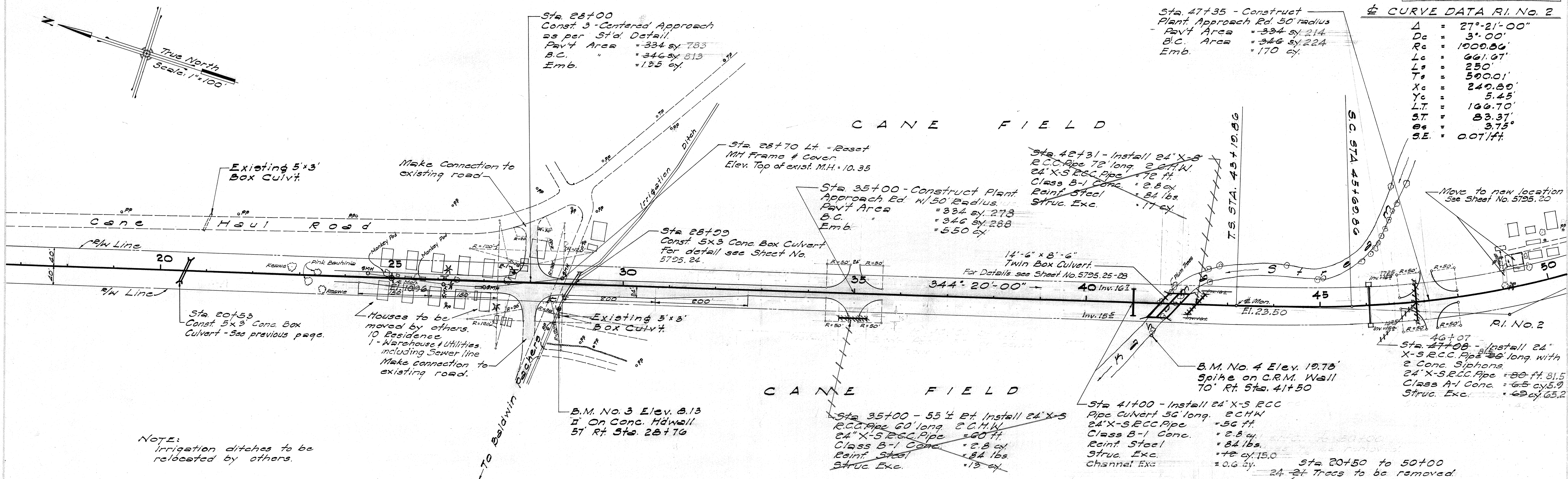
SEC. OF PROV. F 030-1(1)
STA. -4450



5795. 4

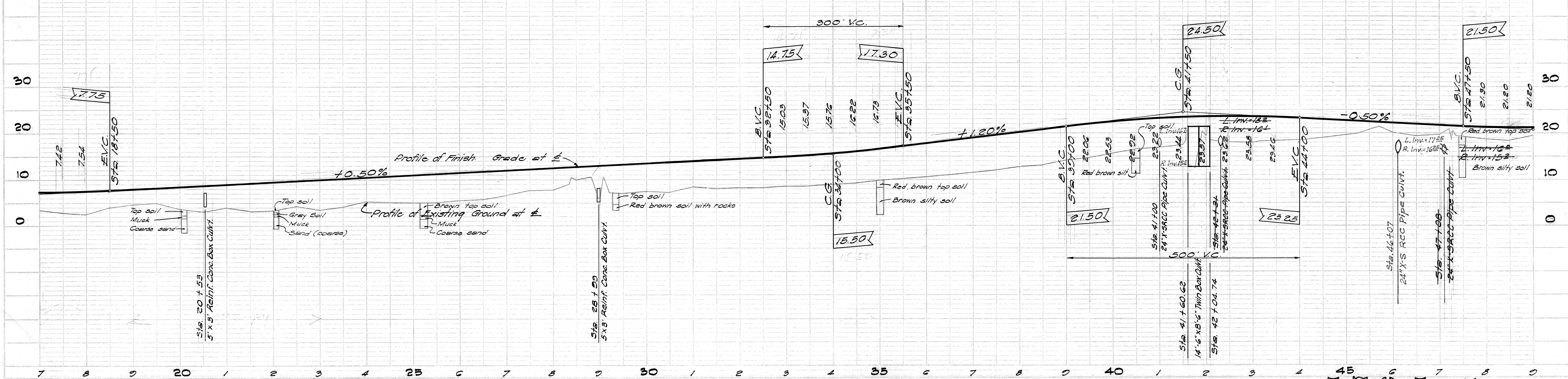
PLAN
SURVEYED
PLOTTED
NOTE BOOK
ALIGNMENT CHECKED
BY
NO.

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
ELEVATION CHECKED
BY
NO.



CURVE DATA RI. No. 2

Δ	= 27°-21'-00"
D_c	= 3°-00'
R_c	= 1000.86'
L_c	= 661.07'
T_c	= 250'
X_c	= 240.80'
Y_c	= 5.45'
$L.T.$	= 100.70'
$S.T.$	= 83.37'
e	= 3.75'
$S.E.$	= 0.071/f'



FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAWAII	F030-101	1954	7	60

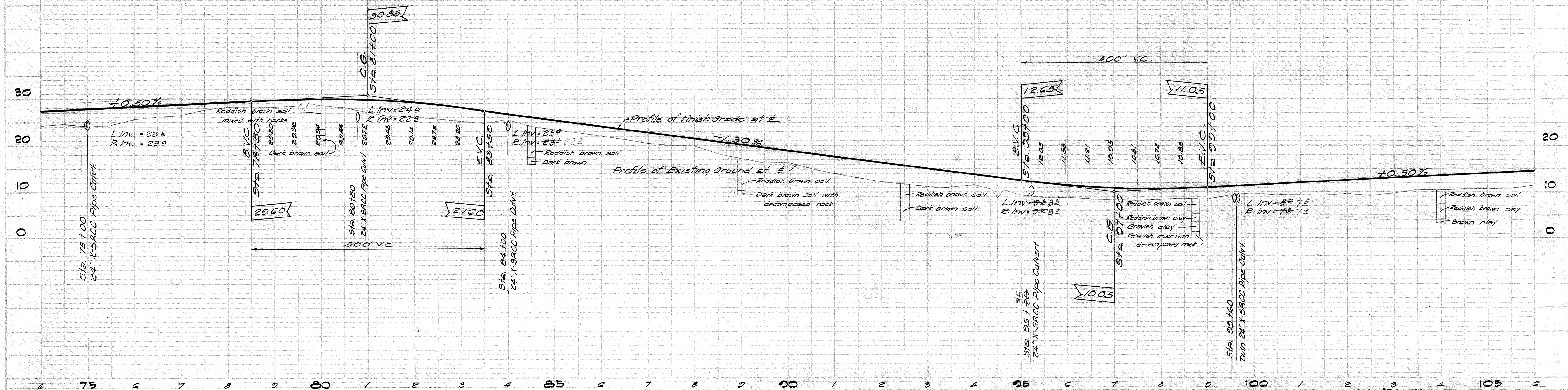
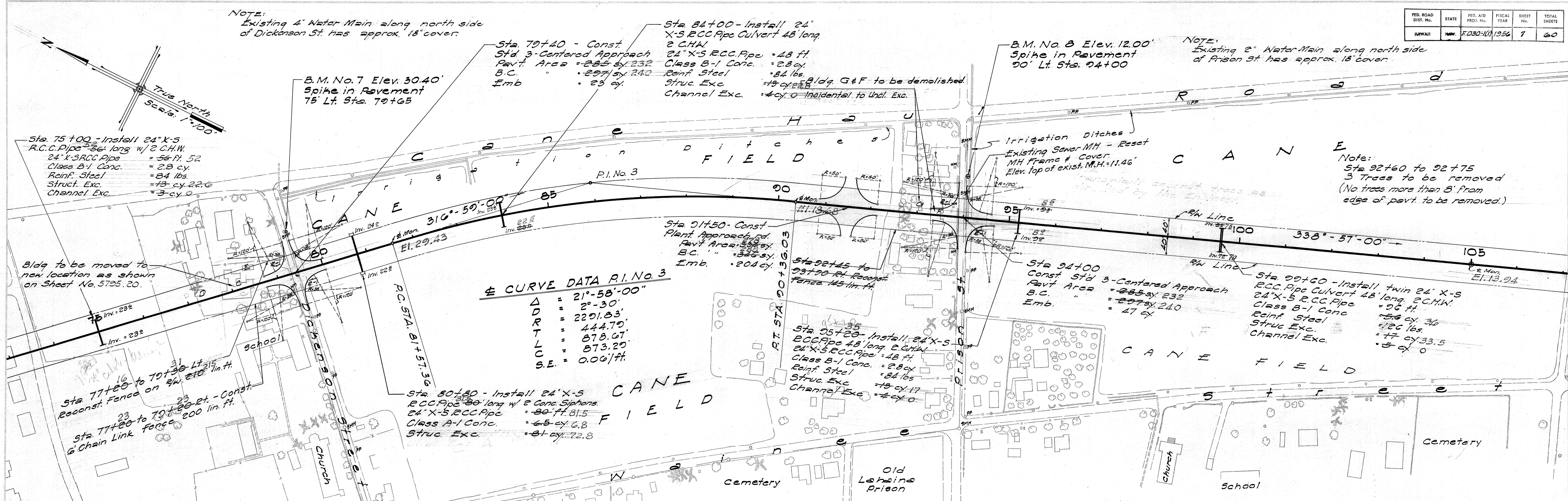
NOTE:
Existing 4" Water Main along north side of Dickinson St. has approx. 18" cover.

NOTE:
Existing 2" Water Main along north side of Prison St. has approx. 18" cover.

Note:
Sta 92+60 to 92+75
3 Trees to be removed
(No trees more than 8' from edge of pavt. to be removed.)

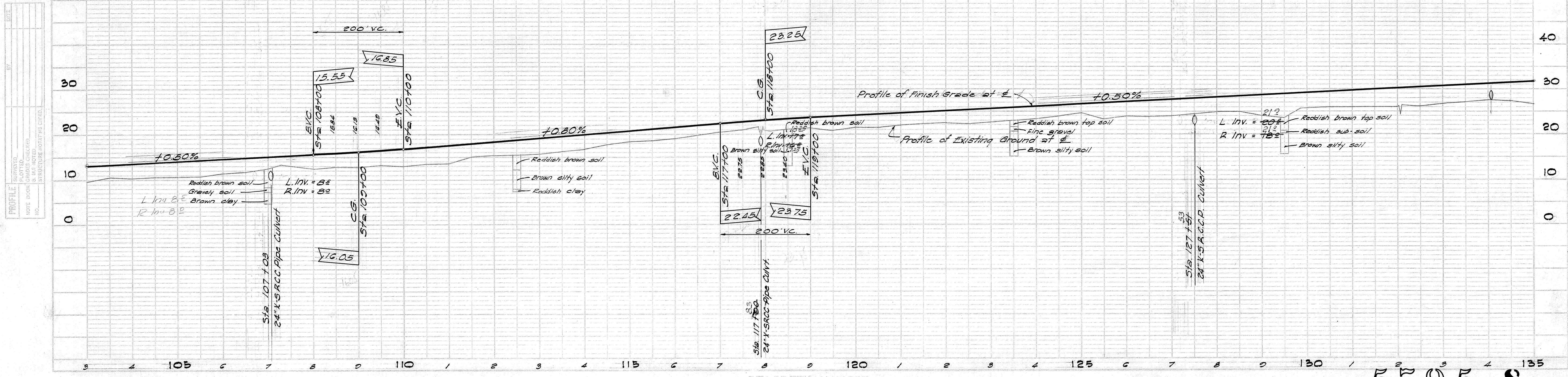
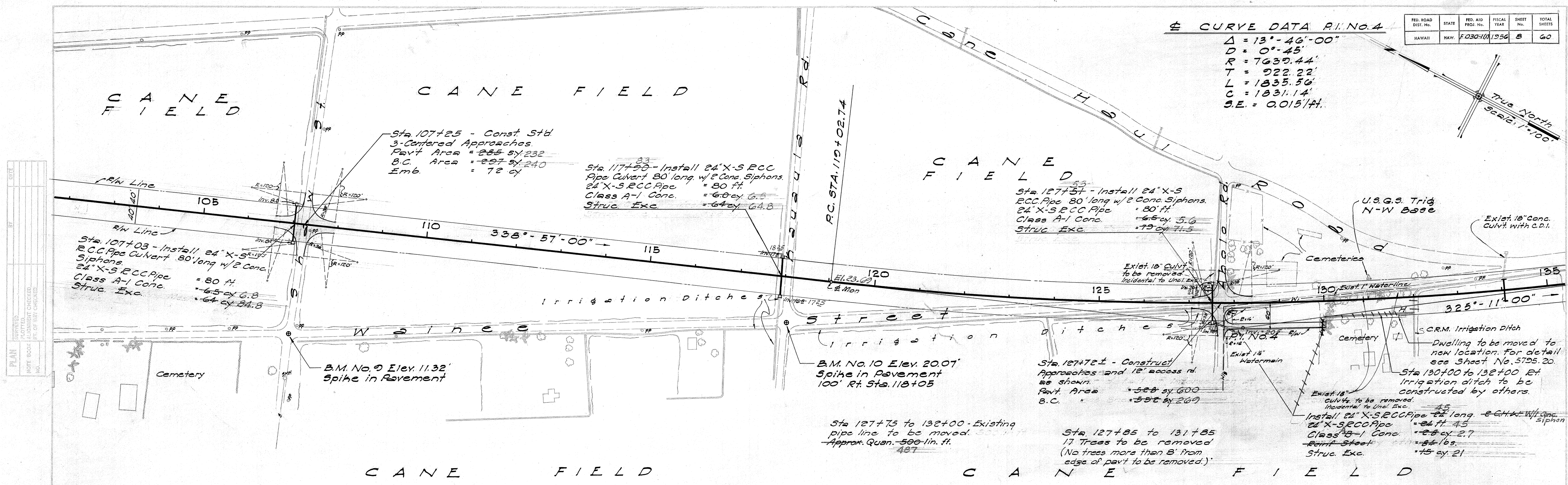
DATE	BY	REVISION
		1. SURVEYED
		2. PLOTTED
		3. CHECKED
		4. APPROVED

DATE	BY	REVISION
		1. SURVEYED
		2. PLOTTED
		3. CHECKED
		4. APPROVED



§ CURVE DATA R.I. NO. 4

$\Delta = 13^{\circ} - 46' - 00''$
 $D = 0^{\circ} - 45'$
 $R = 7639.44'$
 $T = 922.22'$
 $L = 1835.56'$
 $C = 1831.14'$
 $S.E. = 0.015741$



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F030101	1956	10	60

Aug. 27, 1956

PLAN	SURVEYED	DATE
PLANNED		
NOTES		
ALIGNED		
CHECKED		
BY		

PROFILE	SURVEYED	DATE
PLANNED		
NOTES		
GRADES CHECKED		
BY		

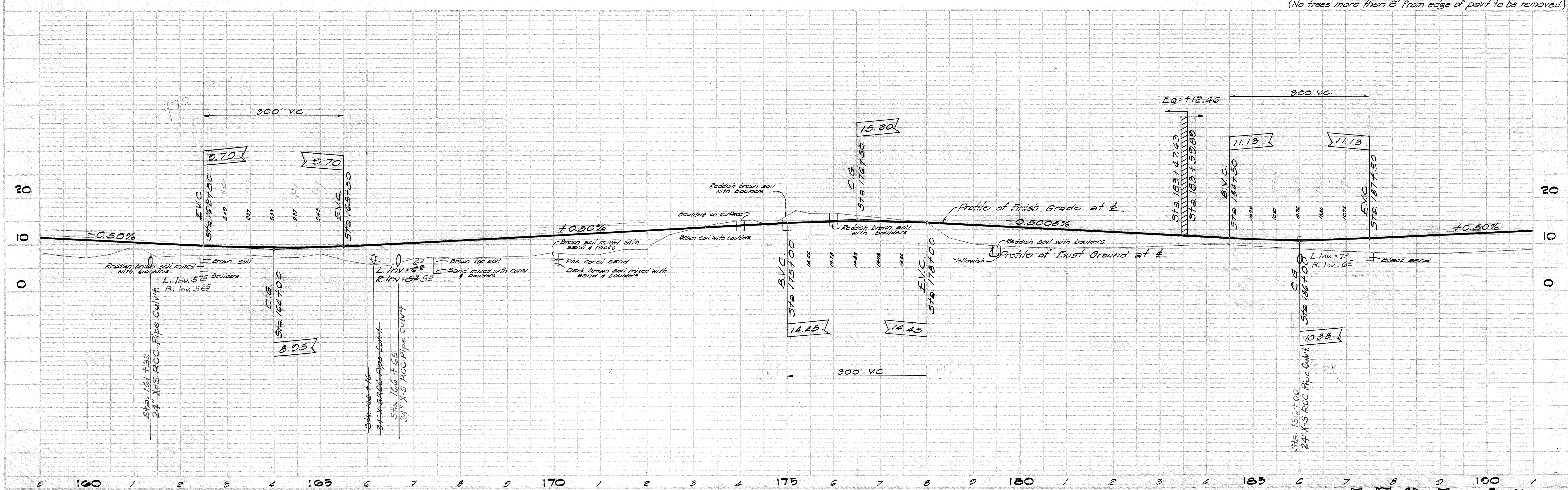
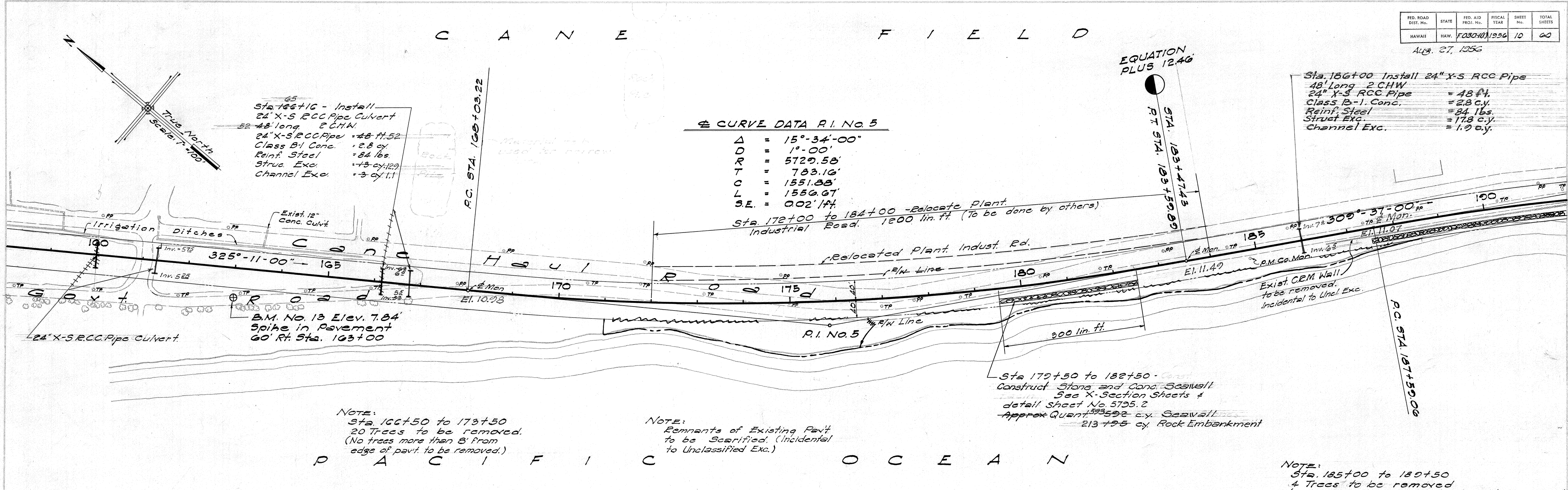


PLATE 1 - PLAN-PROFILE
 H. B. CO. INC. 249-C
 HONOLULU & KAUAI, HAWAII

5795.10

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	030-10	1956	11	60

Aug. 27, 1956

Sta 104+20 - Install 24" X-5 R.C.C. Pipe Culvert 30' long 1'-CHW.
24" X-5 R.C.C. Pipe = 80 ft. 72
Class B-1 Conc. = 1.4 cy.
Reinf. Steel = 42 lbs.
Struc. Exc. = 30 cy. 12.5
Channel Exc. = 7 cy. 0.4

Sta. 203+31.50 Construct Approach Rd. w/ 50' radius
Pav't Area = 167 s.y. 164
B.C. Area = 173 s.y. 171
Emb. = 150 c.y.

B.M. No. 10 Elev. 13.35' On Mauka Abut. Exist. Bridge

Sta 217+00 - Install 24" X-5 R.C.C. Pipe Culvert 64' long 2'-CHW.
24" X-5 R.C.C. Pipe = 64 ft.
Class B-1 Conc. = 2.8 cy.
Reinf. Steel = 84 lbs.
Struc. Exc. = 46 cy. 5.8
Channel Exc. = 7 cy. 0.3

Sta 187+50 to 196+00 - Construct Stone and Concrete Seawall. See Construct. Sheets & detail sheet No. 5795.2
X-section sheets = 2083 c.y. Seawall
Approx. Quant. = 2083 c.y. Rock Emb.
850 lin. ft.

Sta. 199+17 - Const 10' x 8' Conc. Box Culvert. For detail see Sheet No. 5795.31 & 5795.32

Sta. 214+00 - Const 10' x 8' Conc. Box Culvert. For detail see Sheet No. 5795.33 & 5795.34.

± CURVE DATA P.I. No. 6

Δ = 10°-53'-00"
D = 1°-00'
R = 5720.58'
T = 545.81'
C = 1086.70'
L = 1086.33'
S.E. = 0.02'/ft.

± CURVE DATA P.I. No. 7

Δ = 9°-37'-00"
D = 0°-30'
R = 11,450.10'
T = 963.93'
C = 1,721.08'
L = 1,723.33'
S.E. = 0.015'/ft.

NOTE:
Sta 195+00 to 217+00
8075 Trees to be removed.
(No trees more than 8' from edge of pavement to be removed.)

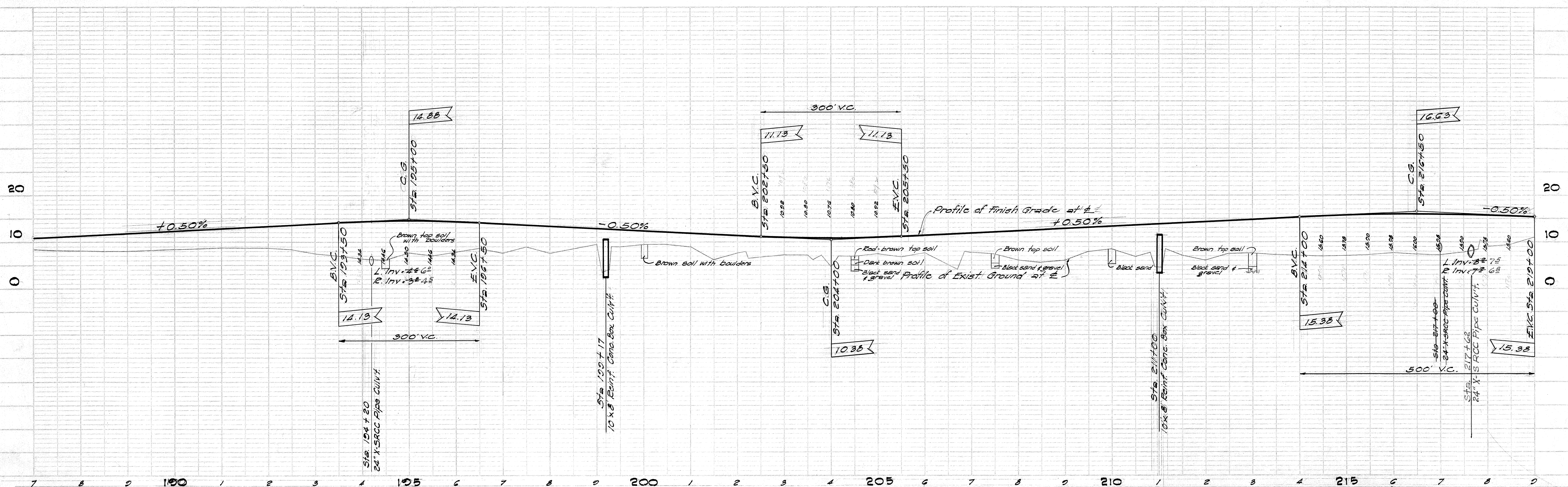
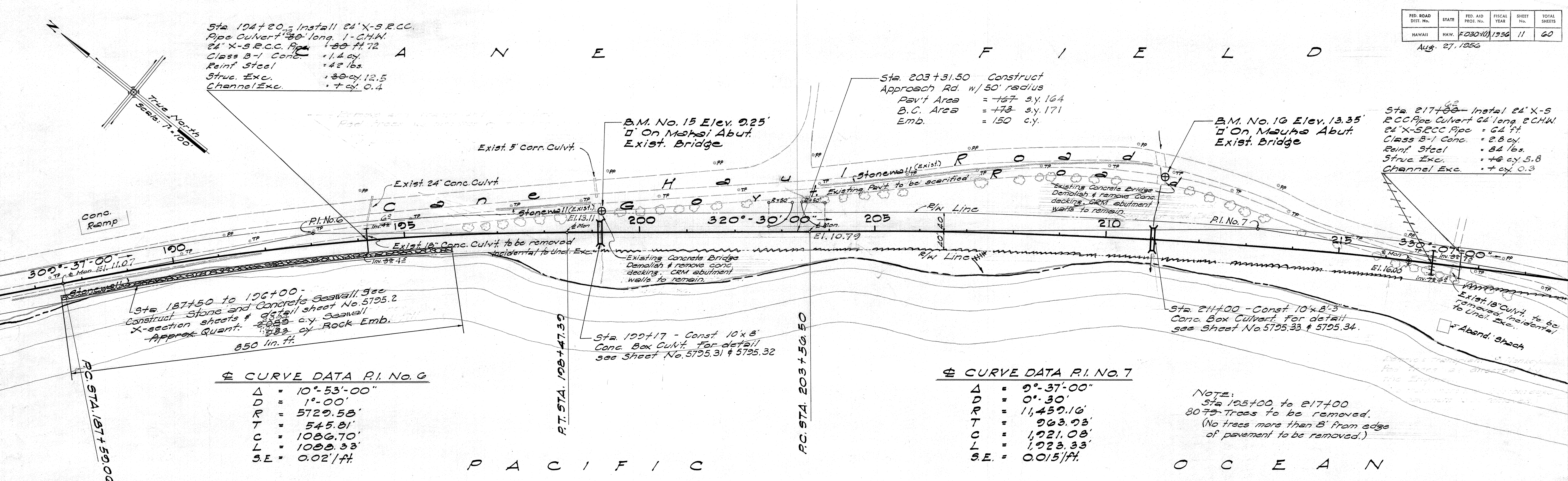


PLATE 1 - PLAN-PROFILE OF R.H.S. STANDARD
KIEPPEL & CO. INC. NEW YORK

PLAN	SUBMITTED	BY	DATE
	PLOTTED		
NOTE BOOK	ALIGNMENT CHECKED		
HO	RT. OF VIEW CHECKED		

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	JUNE 57
NO.	B. M.S. NOTED	JULY 58
	STRUCTURE NOTATIONS CHKD.	6
		R.V.
	H.H.	S.M.
	H.H.	H.H.

