

GENERAL NOTES

- All azimuths are referred to "Kalepa" Δ
- All B.M.'s are referred to Mean Sea Level Datum.
- All existing irrigation ditches within the proposed Right-of-Way shall be realigned by the Contractor or by others as noted on the plans.
- The cost of demolishing, conc. capping and subsequent backfilling as required shall be considered incidental to various contract items of work.
- Monuments shall be installed according to R/W Data.
- Relocation of all existing utilities shall be done by others.
- The Contractor shall coordinate his work with the Lihue Plantation Co., Ltd. so as not to disrupt the Plantations normal schedule of operations in the vicinity of the Project.
- During construction of approaches at the termini of this project and at other areas where access by the public is required, the Contractor shall keep at least one lane open to traffic during working hours and both lanes open to traffic during non-working hours.
- "Brooming-off" and "Bituminous Tack Coat" shall be considered incidental to the item, "Asphalt Concrete Pavement Mix No. V."
- Stakeouts for the placement of raised pavement markers shall be done by the Highways Division.
- Cut-off walls, 2 feet deep, will be constructed wherever G.R.P. is required. Cut-off walls shall be built at the beginning and end of each structure and as directed by the Engineer.
- Structural Excavation of G.R.P. cut-off walls shall be considered incidental to the G.R.P.

Sta. 0+00 % 84' Rt.
Sta. 1+52 % 58' Rt.
Sta. 4+46 % 65' Rt.
Sta. 4+52 % 50' Rt.
Sta. 5+68 % 48' Rt.
Construct G.R.P. Erosion Protection. For details see sheet no. 27

Sta. 0+51 % 80' Lt.
Construct Storm Drain M.H. by modifying existing C.D.I. Salvage existing grating. For details see Sheet No. 28

Sta. 1+18 % 44' Lt to 1+52 % 58' Rt.
Install 2'-43" x 27" Pipe Arch Culvert, 208 L.F.
Construct 1-Type GIG Grated C.D.I. (Modified), 1 Conc. H.W., G.R.P. Lining, gutter embankment. For details see Sheet No. 24 & 27
Demolish existing C.D.I. and remove existing 30" drainage system at Sta. 1+18 Salvage existing grating

For Intersection Details of Cut-off Road and Rice Street, see Sheet No. 9

Sta. 4+17 Lt.
Construct Approach 40' wide. For details and estimated quantities, see Sheets No. 13

Sta. 3+80 to 4+52 % 28' Lt. and Sta. 4+52
Construct Storm Drain System as shown. For Details see Sheet No. 22
Remove existing 24" drainage system at Sta. 4+35. Backfill as required.

Sta. 5+68 % 48' Rt. to 6+08 % 46' Lt.
Install 24" R.C.P. Culvert. Construct Type A S.D.M.H. 1 Conc. H.W. Std. Conc. Protection for Culvert, G.R.P. Lining. For Details see Sheet No. 27

15' Access permitted for Drainage Maintenance Purposes only

G.R.P. Slope Protection

R/W & Access Control Line

Gas Pump Gas Tank Pipe

Chain Link Fence

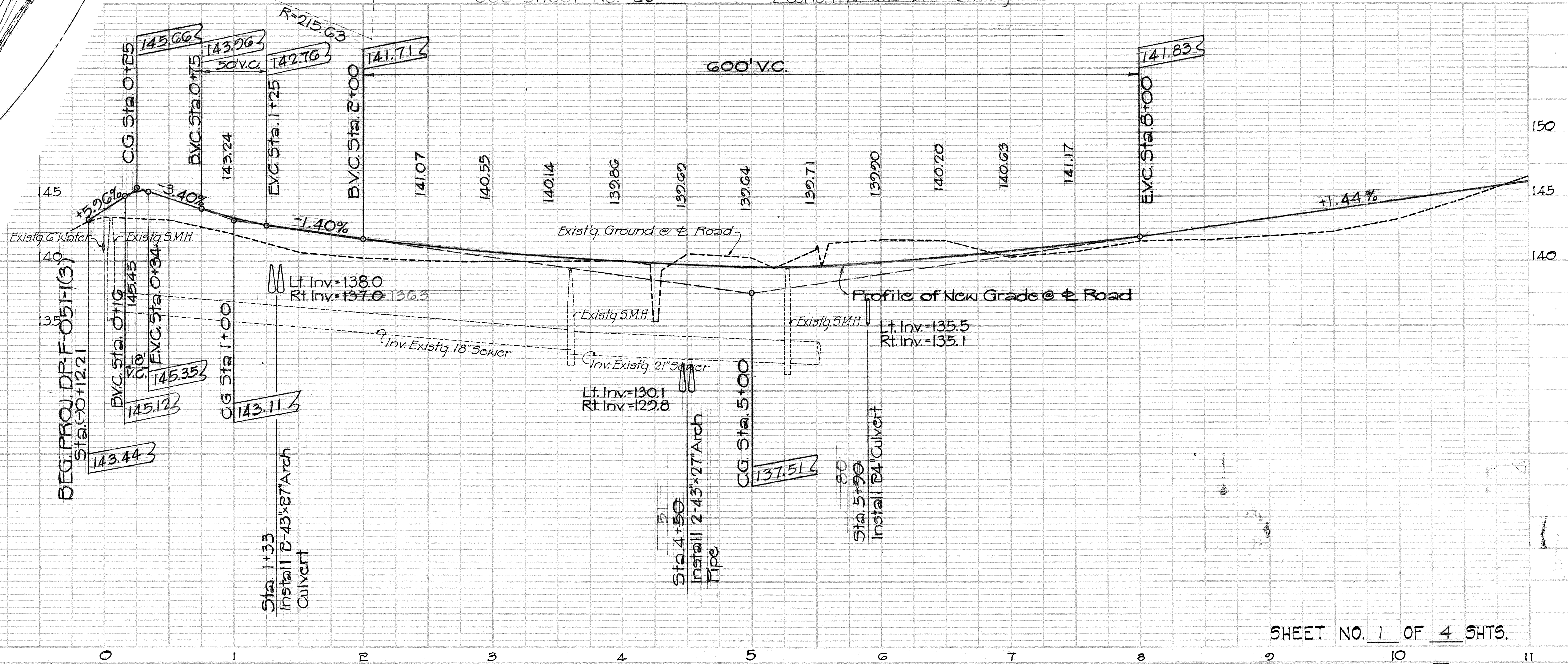
G.R.P. Slope Protection

Sta. 6+00 Rt.
Construct Approach 22' wide. For details and estimated quantities, see Sheets No. 14

Sta. 0+05 % 3' Rt.
Sta. 3+60 % 7' Rt.
Sta. 5+26 % 36' Rt.
Adjust existing sewer manhole Frame & Cover to required elevation as directed by the Engineer.

B.M. = Mon. Oihana St. & Hala St. Elev. = 151.63

Sta. 36+00 to 37+36 Rt. (F-12-18)
Construct Parking Apron 12' wide as shown 1/2" Agg. Subbase Course, 6" Agg. Base Course and 2 1/2" A.C. Pavt. Mix No. III
Est. Quant.
Excavation = 140 CY
Agg. Subbase Course = 57 CY
Agg. Base Course = 22 CY
A.C. Pavt. Mix No. III = 17 Tons
MC-30 Prime Coat = 46 Gals.
Asphalt Cement = 1 Ton



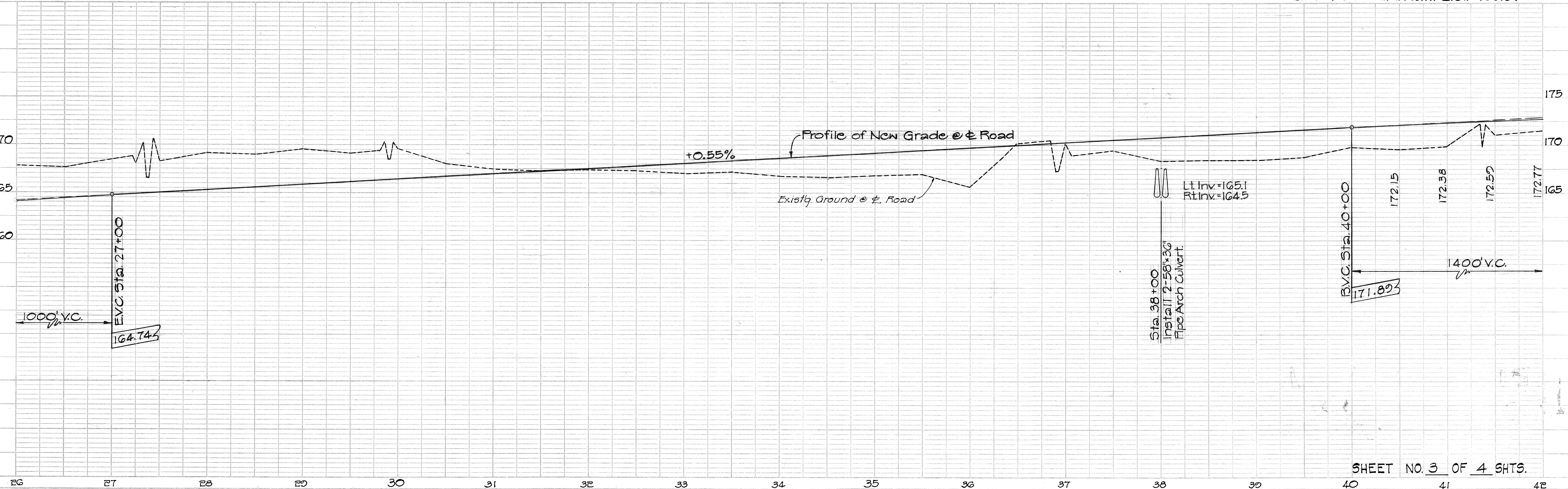
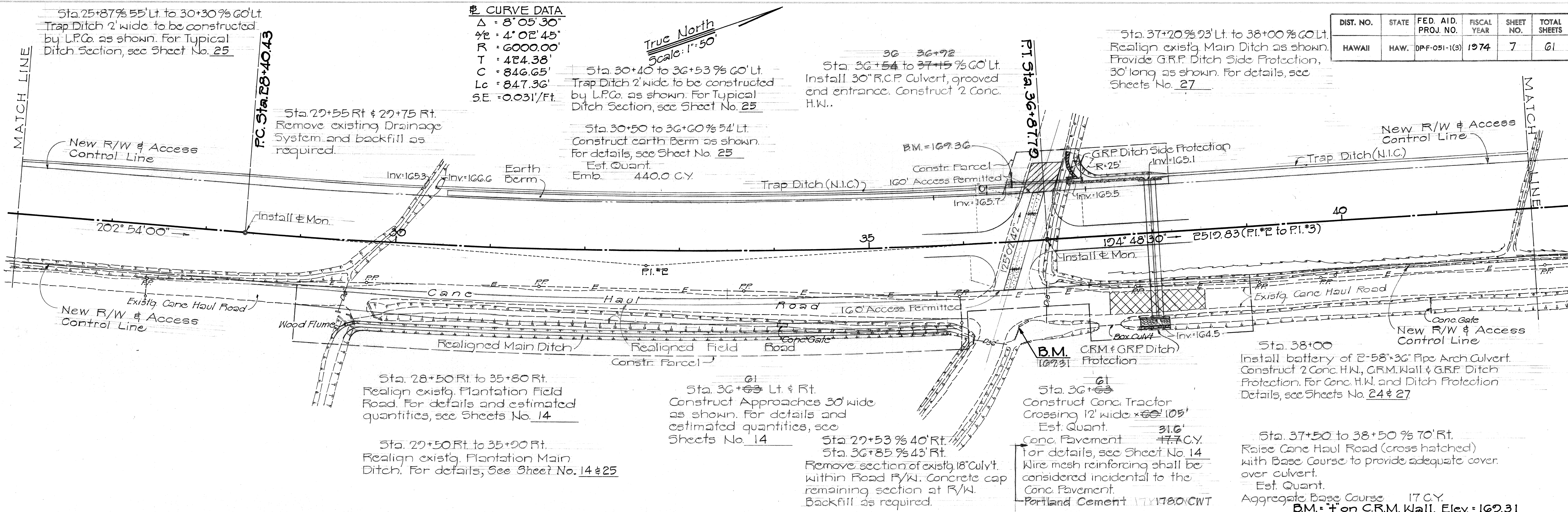
PLAN	DATE	BY
DESIGNED		
CHECKED		
NOTED		
NO.		

PROFILE	DATE	BY
DESIGNED		
CHECKED		
NOTED		
NO.		

DIST. NO.	STATE	FED. AID. PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	DPF-051-1(3)	1974	7	61

§ CURVE DATA
 $\Delta = 8^{\circ}05'30''$
 $\frac{1}{2}E = 4^{\circ}02'45''$
 $R = 6000.00'$
 $T = 424.38'$
 $C = 846.65'$
 $Lc = 847.36'$
 $SE = 0.031'/ft$

True North
Scale: 1"=50'



SHEET NO. 3 OF 4 SHTS.

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

PROFILE	DATE	BY	NO.
DESIGNED			
CHECKED			
PLOTTED			
NOTE BOOK			
GRADES CHECKED			
B. M. NOTED			
STRUCTURE NOTATIONS CHNG			

DIST. NO.	STATE	FED. AID. PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	DPF-051-1(3)	1974	8	61

CURVE DATA
 $\Delta = 11^\circ 48' 30''$
 $\frac{\Delta}{2} = 5^\circ 54' 15''$
 $R = 6000.00'$
 $T = 620.48'$
 $C = 1234.38'$
 $L = 1236.57'$

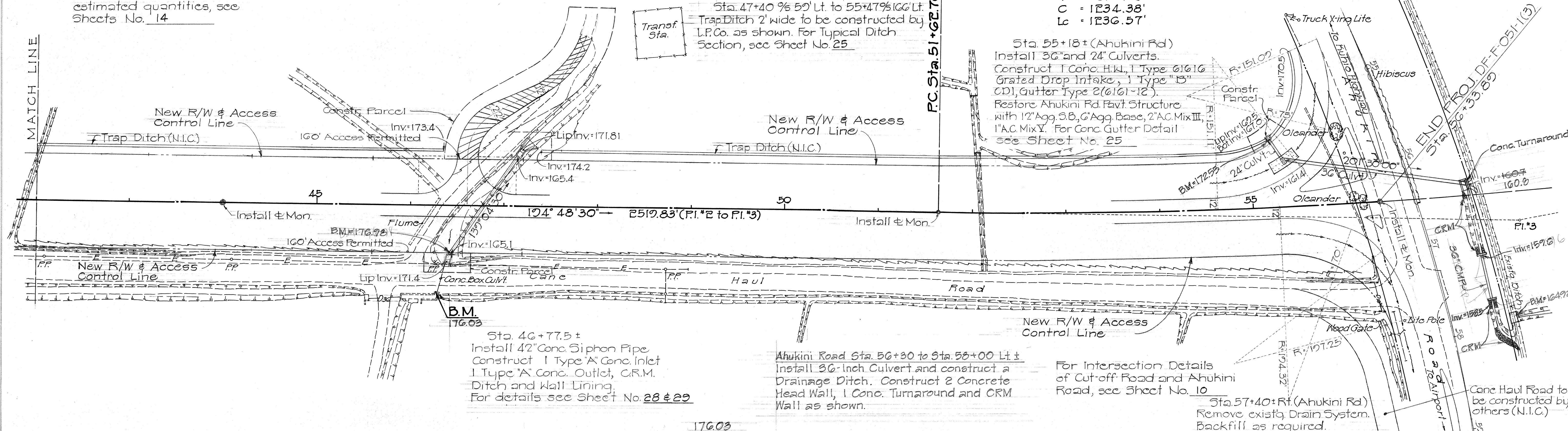
True North
Scale: 1"=50'

Sta. 46+60 Lt.
Construct Approach 22' wide
as shown. For details and
estimated quantities, see
Sheets No. 14

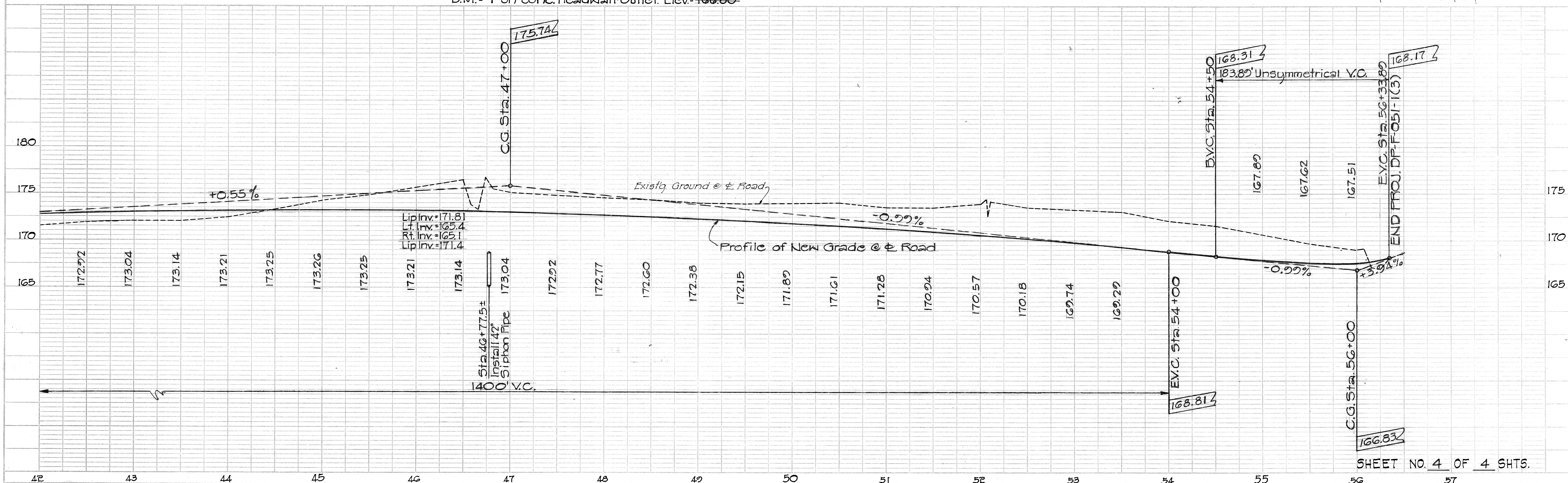
Sta. 38+05 to 46+35 % 5.0' Lt.
Trap Ditch 2.5' wide to be constructed
by L.P.Co. as shown. For Typical Ditch
Section, see Sheet No. 25

Sta. 47+40 % 5.0' Lt. to 55+47% 1.00' Lt.
Trap Ditch 2' wide to be constructed by
L.P.Co. as shown. For Typical Ditch
Section, see Sheet No. 25

Sta. 55+18 (Ahukini Rd)
Install 36" and 24" Culverts.
Construct 1 Conc. H.W. 1 Type 616
Grated Drop Intake, 1 Type "B"
C.D.I., Gutter Type 2 (616-12).
Restore Ahukini Rd Pavt. Structure
with 12" Agg. S.B., 6" Agg. Base, 2" A.C. Mix III,
1" A.C. Mix V. For Conc. Gutter Detail
see Sheet No. 25



B.M. "T" on conc. Headwall Outlet. Elev. = 166.80



SHEET NO. 4 OF 4 SHTS.