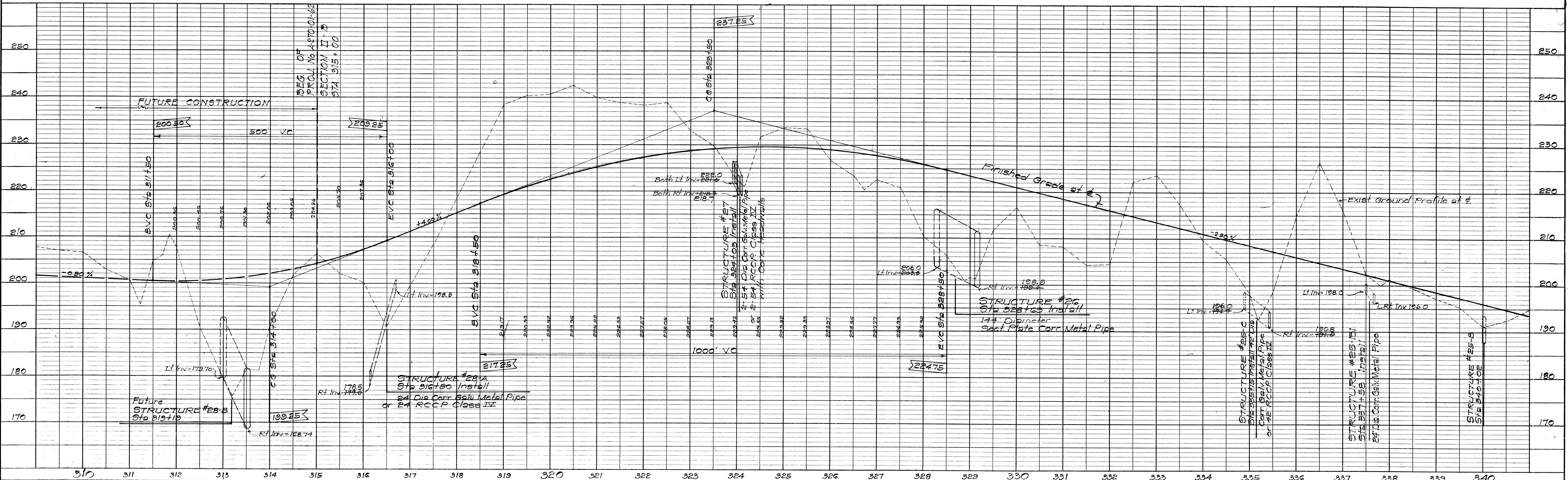
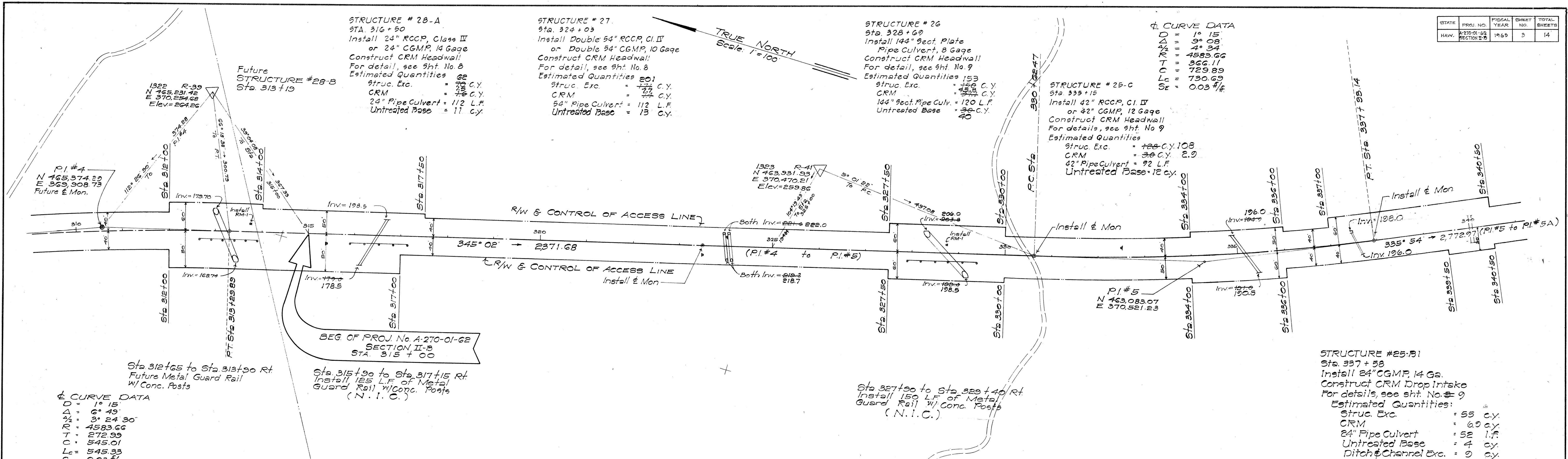


PLAN	DATE	BY	DATE
SURVEYED			
PLOTTED			
ALIGNED			
CHECKED			
NO.			

PROFILE	DATE	BY	DATE
SURVEYED			
GRADES			
CHECKED			
NO.			

STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAW.	420-01-62	1963	3	14



STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAW.	A-270-01-02	1965	4	14

STRUCTURE #25-B
Sta. 340+02
Install 42" RCCP, Cl. IV
or 42" CGMP, 12 Gage
Construct CRM Headwall
For detail, see Sht. No. 9
Estimated Quantities:
Struc. Exc. = 76 C.Y.
CRM = 32 C.Y.
42" Pipe Culvert = 52 L.F.
Ditch & Channel Exc. = 236 C.Y.
Untreated Base = 7 C.Y.

STRUCTURE #25-A
Sta. 343+36
Install 54" RCCP, Cl. IV
or 54" CGMP, 10 Gage
Construct CRM Headwall
For detail, see Sht. No. 10
Estimated Quantities:
Struc. Exc. = 123 C.Y.
CRM = 71 C.Y.
54" Pipe Culvert = 56 L.F.
Untreated Base = 16 C.Y.

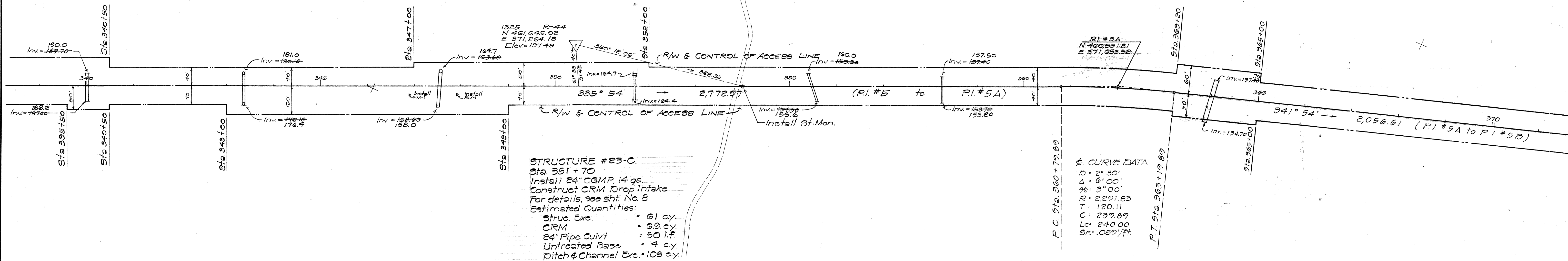
STRUCTURE #24
Sta. 347+54
Install 84" RCCP, Cl. IV
or 84" CGMP, 8 Gage Elong
Construct CRM Headwall
For detail, see Sht. No. 10
Estimated Quantities:
Struc. Exc. = 256 C.Y.
CRM = 71 C.Y.
84" Pipe Culvert = 76 L.F.
Untreated Base = 16 C.Y.

STRUCTURE #23-B
Sta. 355+48
Install 36" RCCP, Cl. IV
or 36" CGMP, 12 Gage
Construct CRM Headwall
For detail, see Sht. No. 10
Estimated Quantities:
Struc. Exc. = 54 C.Y.
CRM = 12 C.Y.
36" Pipe Culvert = 12 L.F.
Untreated Base = 7 C.Y.
Ditch & Channel Exc. = 8 C.Y.

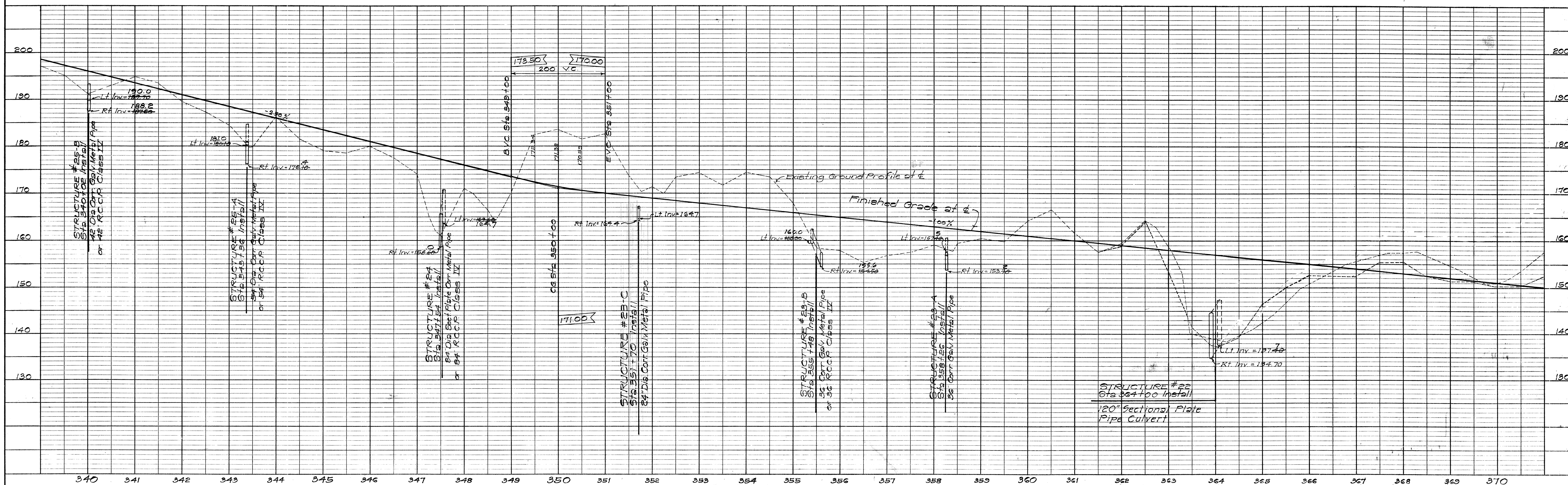
STRUCTURE #23-A
Sta. 358+26
Install 36" RCCP, Cl. IV
or 36" CGMP, 12 Gage
Construct CRM Headwall
For detail, see Sht. No. 10
Estimated Quantities:
Struc. Exc. = 54 C.Y.
CRM = 12 C.Y.
36" Pipe Culvert = 12 L.F.
Untreated Base = 7 C.Y.
Ditch & Channel Exc. = 8 C.Y.

STRUCTURE #22
Sta. 364+00
Install 120" Sectional Plate
Pipe Culvert 10 Gage
Construct CRM Headwall
For detail, see Sht. No. 11
Estimated Quantities:
Struc. Exc. = 65 C.Y.
CRM = 32 C.Y.
120" Sect. Pl. Pipe Culvert = 24 L.F.
Untreated Base Course = 240 C.Y.
Ditch & Channel Exc. = 18 C.Y.

TRUE NORTH
Scale: 1 in = 100 ft



STATE OF HAWAII-OWNER
GENERAL LEASE No. 1307
Kahua Ranch Ltd. - 1c



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

PROFILE		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	GRADES CHECKED		
	B. M.'S NOTED		
NO.	STRUCTURE NOTATION'S CHK'D.		

