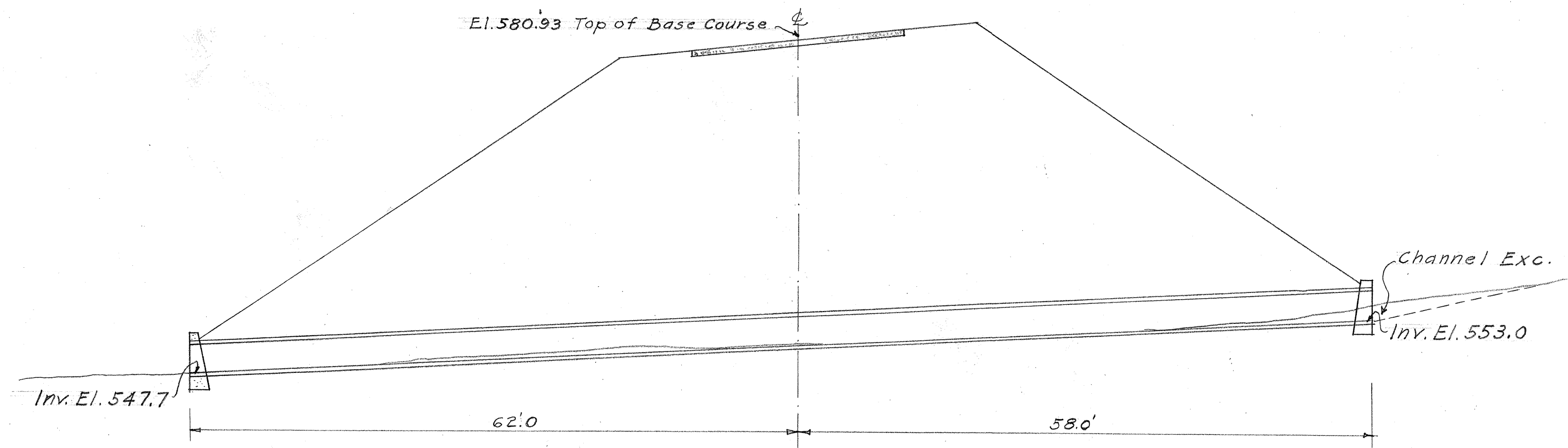
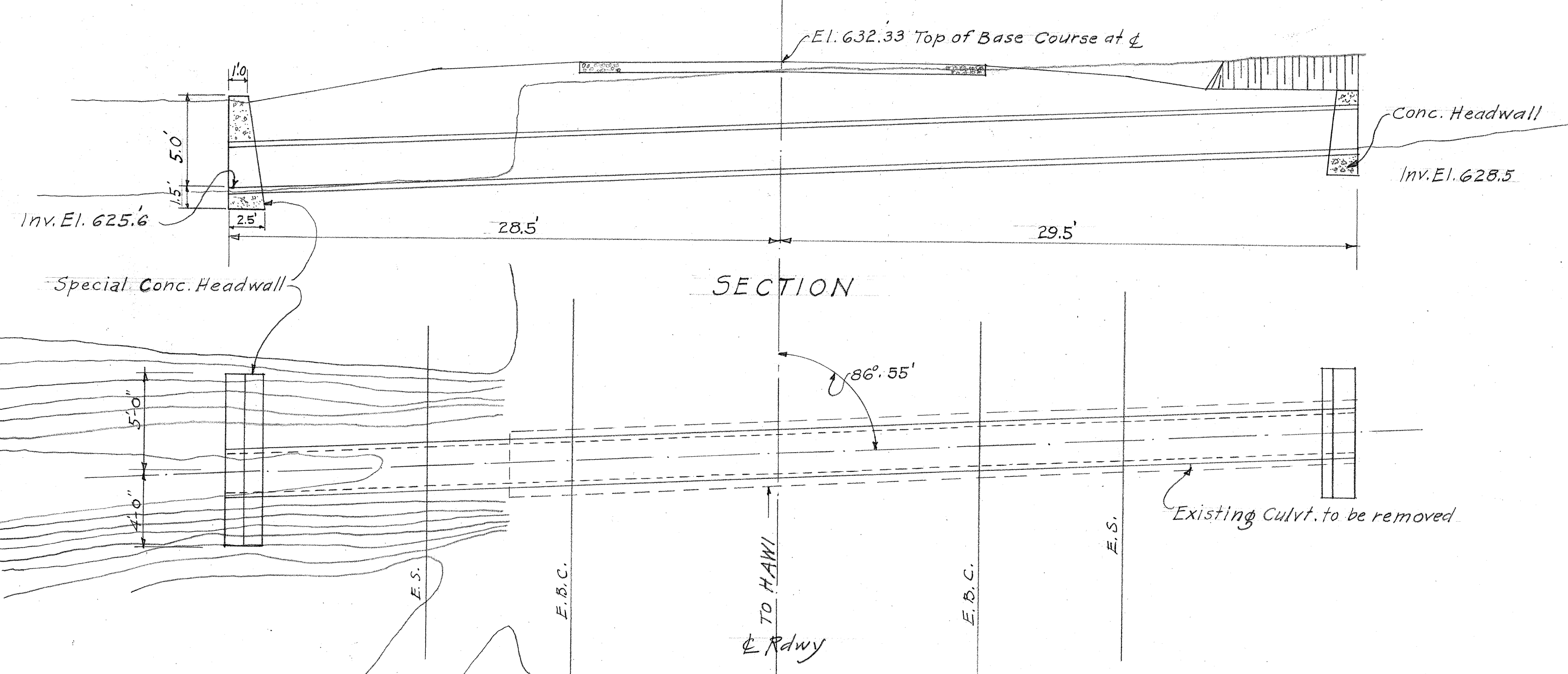


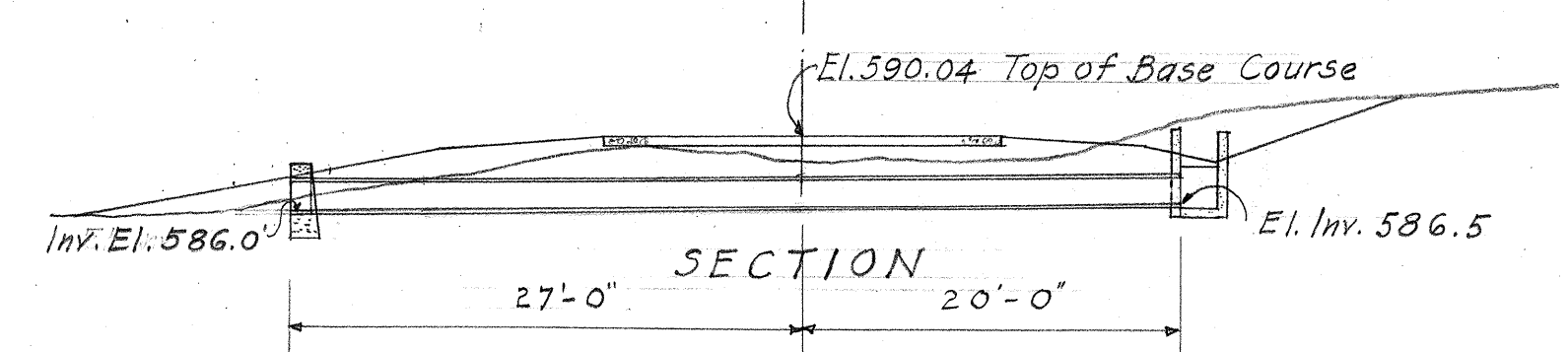
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	274(1)	1938	8	20



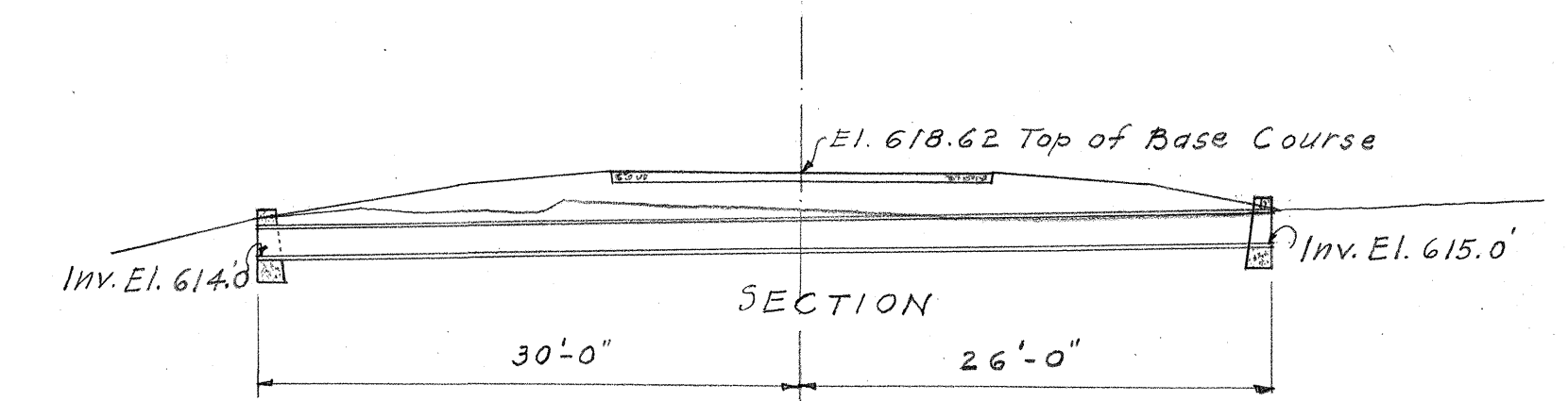
SECTION
STA. 330+52.45 36" CIRC. CONC. CULVERT 120' LONG - 2-C.H.W.
Scale: 1" = 5'-0"



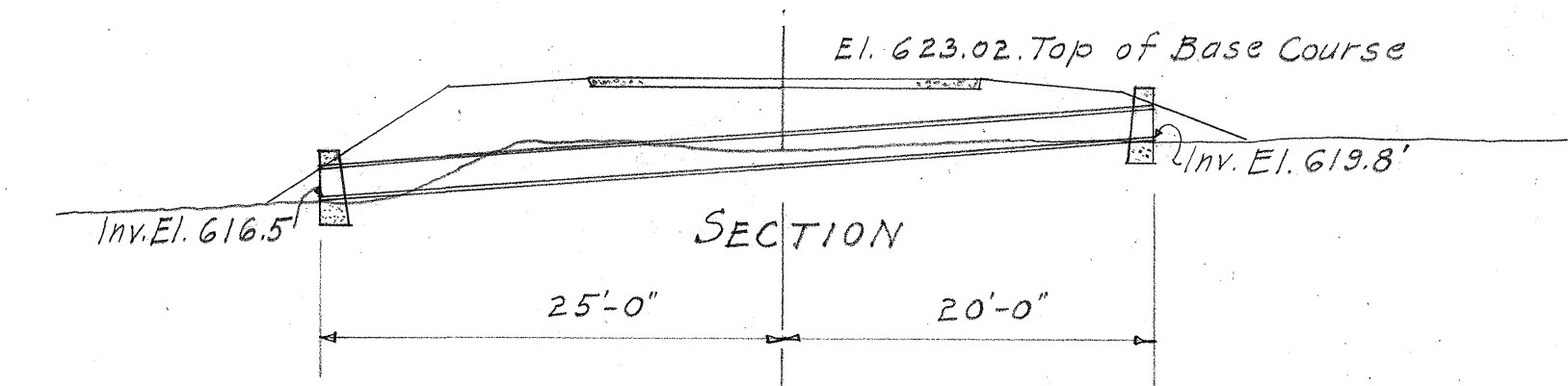
SECTION
STA. 310+65.80 24" CIRC. CONC. CULVT. 58'0 LNG. 2-C.H.W.
Scale: 1" = 5'-0"



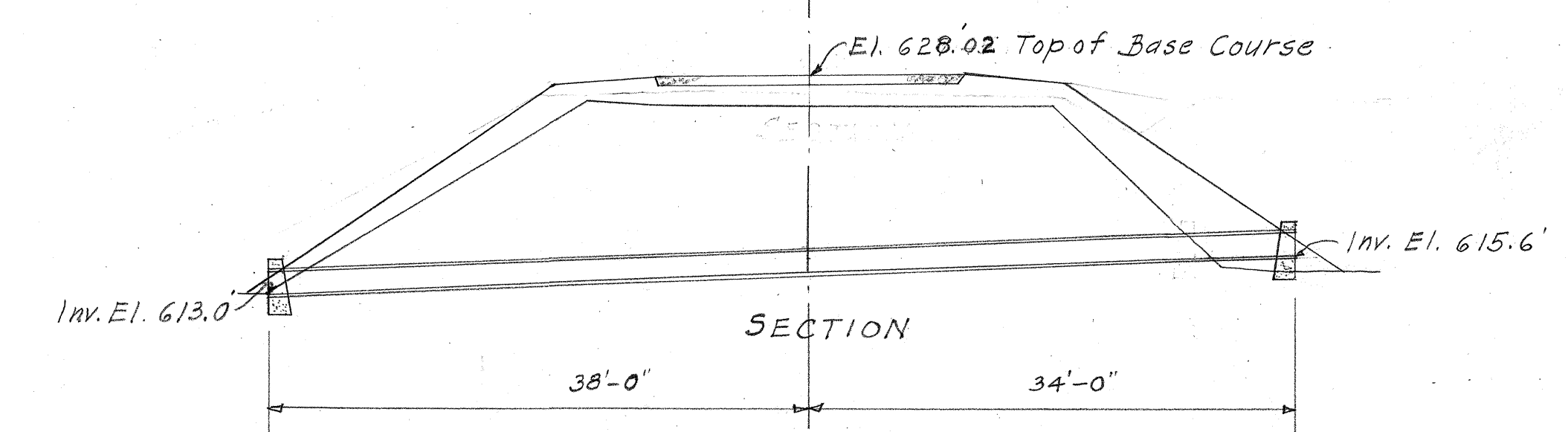
SECTION
STA. 252+00 18" CIRC. CONC. CULVT. 47' LNG. 1-C.H.W. 1-C.D.I.
Scale: 1" = 10'-0"



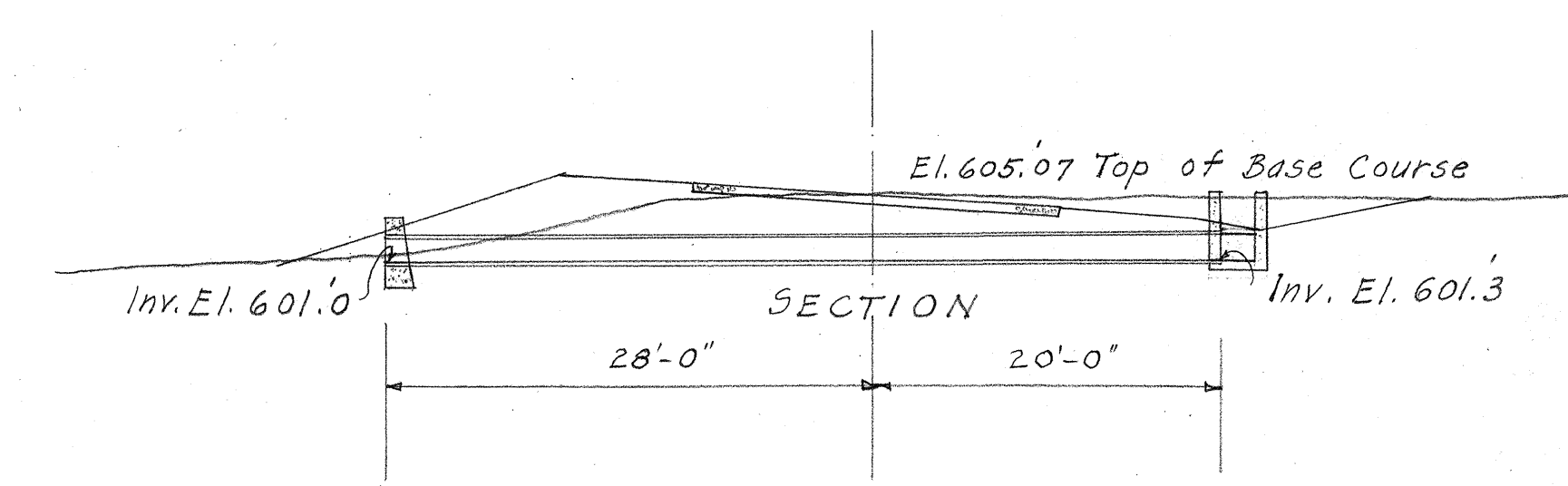
SECTION
STA. 760+00 18" CIRC. CONC. CULVT 56' LONG. 2-C.H.W.
Scale: 1" = 10'-0"



SECTION
STA. 285+00 18" CIRC. CONC. CULVT 45' LONG 2-C.H.W.
Scale: 1" = 10'-0"



SECTION
STA. 292+50 18" CONC. CIRC. CULVT 72' LNG 2-C.H.W.
Scale: 1" = 10'-0"



SECTION
STA. 324+50 18" CONC. CIRC. CULVT. 48' LONG. 1-C.H.W. 1-C.D.I.
Scale: 1" = 10'-0"

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

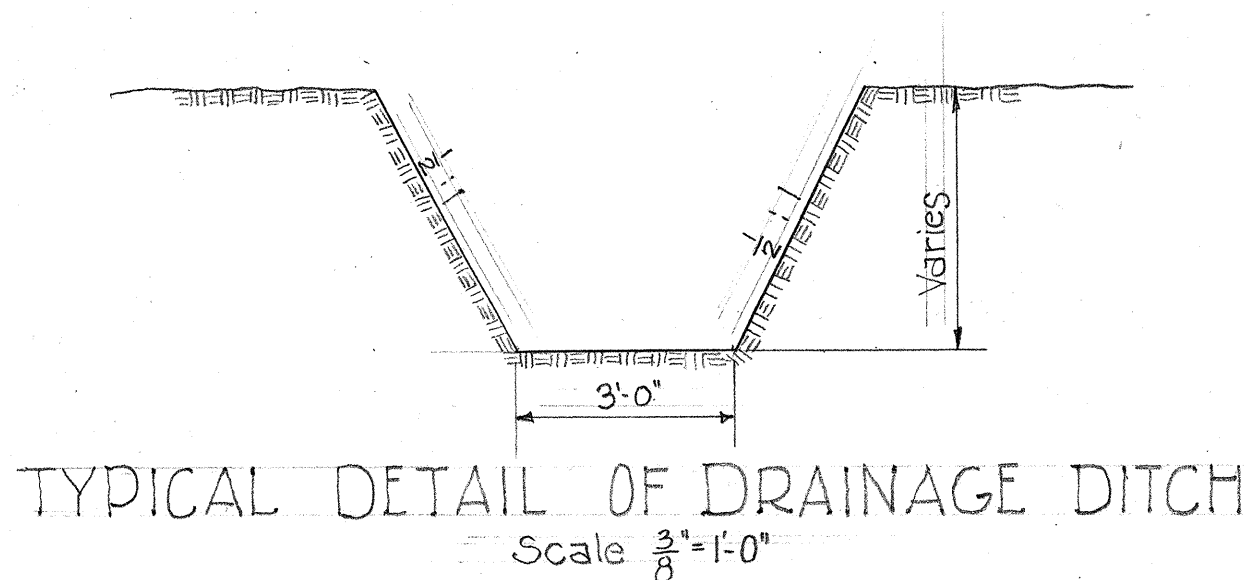
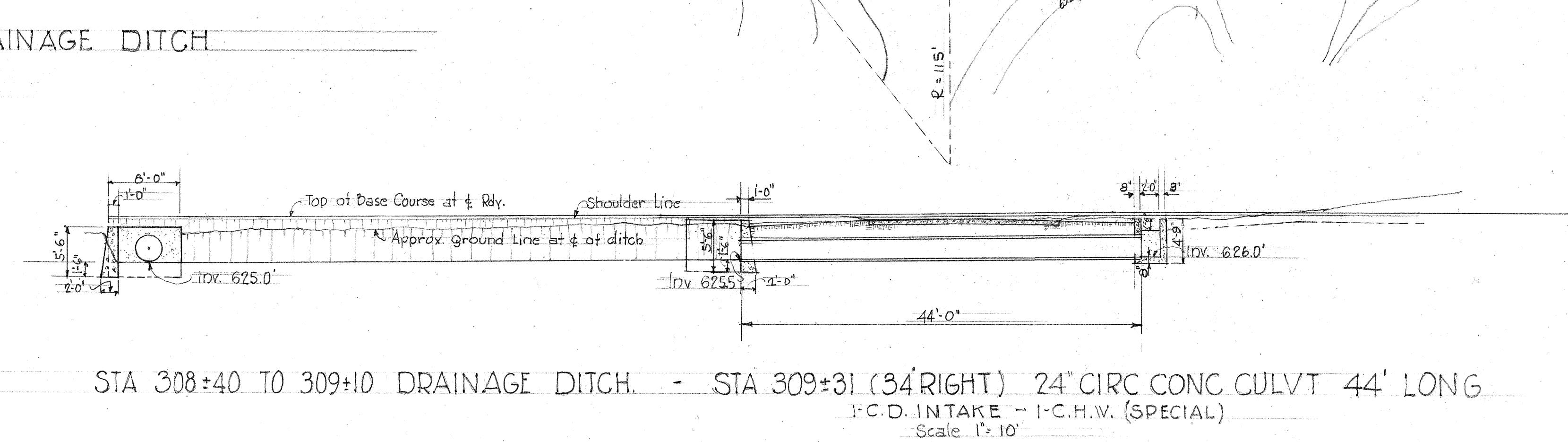
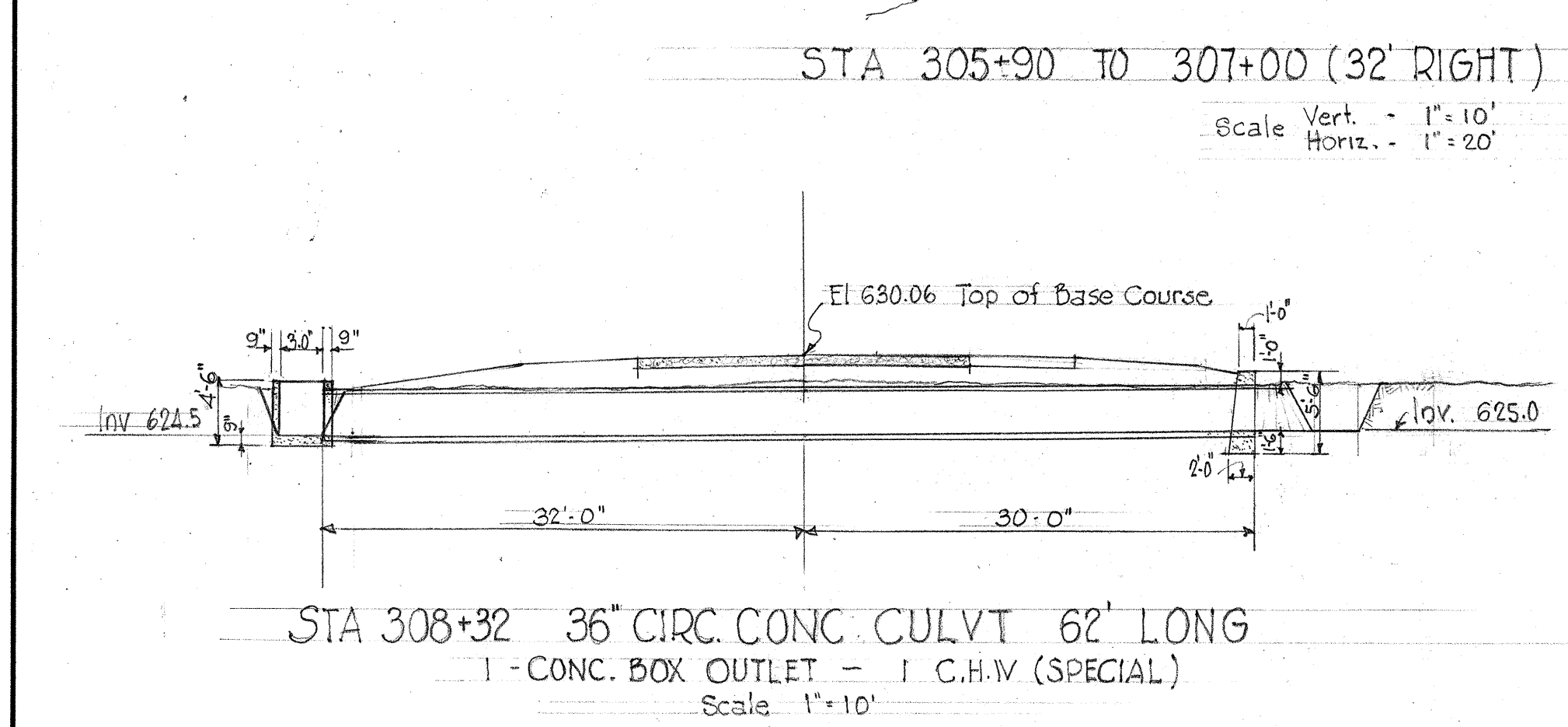
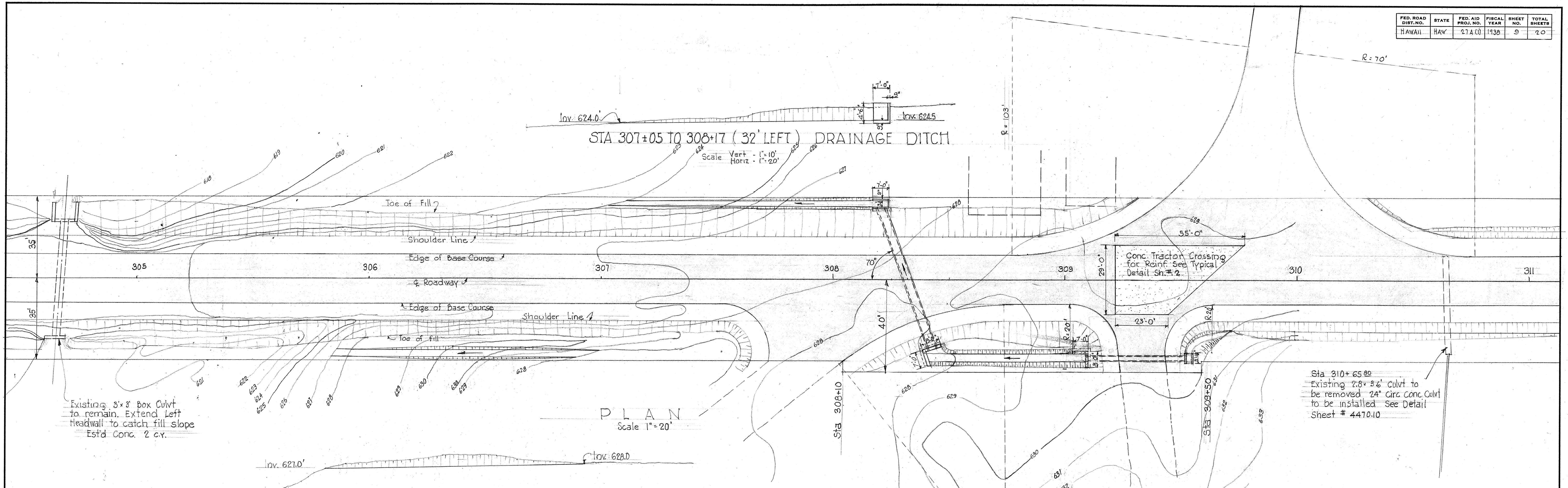
CIRC. CONC. CULVT DETAILS.
MAHUKONA - HAWI ROAD. F.A.P. 274(1)
AUG. 1938

SHEET No 1 OF 1 SHEETS

4470.8

DATE	11/10/38
DESIGNED BY	W. J. B.
DRAWN BY	W. J. B.
PLACED BY	W. J. B.
QUANTITIES CHECKED BY	W. J. B.
CHECKED BY	W. J. B.
ORIGINAL PLAN	
NOTE BOOK	
No.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	27A(1)	1938	9	70



QUANTITIES						
STA	CULVERT Length		CONC. B	REINF.	STR. EXC.	UNCL. EXC.
UNIT	IN.	FT.	C.Y.	LBS.	C.Y.	C.Y.
308+32	36	62	6.3	84	61	
309+31 (R)	24	44	5.0	64	40	
308+00 - 309+10						42
305+90 to 307+00						26
307+05 to 308+17						48

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

INTERSECTION
AND DRAINAGE DETAILS
MAHUKONA - HAWAII ROAD F.A.P. 27A(1)

SURVEY PLOTTED BY: J. J. J. DATE: July 28, 1938
DESIGNED BY: J. J. J.
CHECKED BY: J. J. J.
NOTE BOOK: No. 1