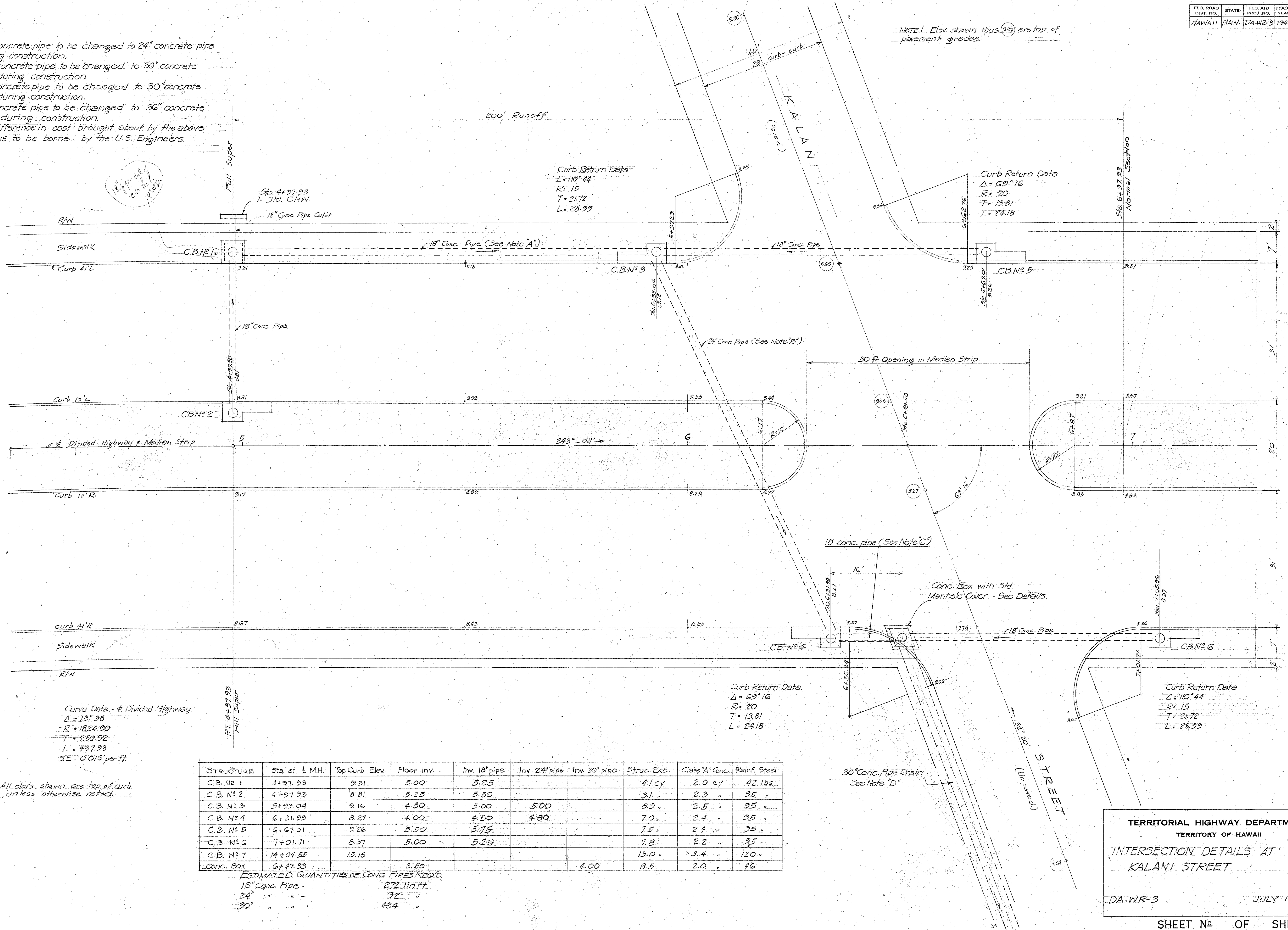


Note "A" 18" concrete pipe to be changed to 24" concrete pipe during construction.
Note "B" 24" concrete pipe to be changed to 30" concrete pipe during construction.
Note "C" 18" concrete pipe to be changed to 30" concrete pipe during construction.
Note "D" 30" concrete pipe to be changed to 36" concrete pipe during construction.
The difference in cost brought about by the above changes to be borne by the U.S. Engineers.



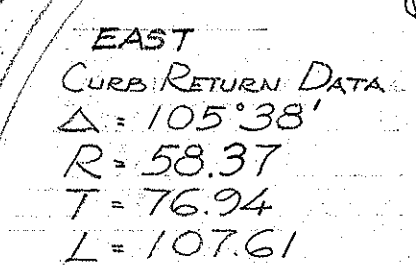
THIS SHEET HAS BEEN SUPERCEDED
BY SHEET 5109.6A 1

Revised Jan. 18, 1943
30" conc. drain laid parallel to R/W with Conc. Box
Notes added to take care of changes req'd. during construction.

SURVEY PLOTTED BY	DATE
DESIGNED BY	7/42
TRACED BY	
QUANTITIES CHECKED BY	
CHECKED BY	
ORIGINAL PLAN BOOK NO.	



NORTH
CURB RETURN DATA
 $\Delta = 69.16'$
 $R = 60.65$
 $T = 41.89$
 $L = 73.32$



STRUCTURE	LOCATION	CLASS "A" CONC.	STRUCTURE EX.	REINF STEEL	Grade at top of curb	Invert Floor	LENGTH OF CONC. PIPE
Catch Basin No 1	Sta. 4+97.23	2.04 Cu Yds.	11.8 Cu Yds.	62	168	9.47	4.50
" " No 2	Sta. 5+93.2	2.55 " "	9.2 " "	91	" "	9.05	4.25
" " No 3	Sta. 6+50.2	2.55 " "	9.2 " "	91	" "	9.02	4.25
" " No 4	Sta. 7+27.82	1.16 " "	11.8 " "	62	" "	7.81	3.25
" " No 5	Sta. 6+69.80	2.95 " "	9.2 " "	91	" "	7.81	3.50
Conc. Box	Sta. 6+23.52	5.63 " "	24.1 " "	611	" "	9.10	4.00
Catch Basin No 6	Sta. 14+07.92	2.55 " "	9.2 " "	91	" "		
	TOTALS	18.42 Cu Yds.	81.5 Cu Yds.	1099	162		

[illegible]

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	CA-NR-3	1942	6-B	10

Note! Elevations shown along E Colburn St. are existing pavement elevations.

Curve Data - E Divided Highway
 $\Delta = 25^\circ 49'$
 $R = 841.95$
 $T = 192.26$
 $L = 379.37$
 $SE = 0.016$ per ft.

Curve Data - Curb Return
 $\Delta = 82^\circ 46' 10''$
 $R = 20$
 $T = 17.62$
 $L = 28.89$

Curve Data - Curb Return
 $\Delta = 101^{\circ} 50' 38''$
 $R = 15$
 $T = 18.47$
 $L = 26.66$

Curb Return Data
 $\Delta = 91.18$
 $R = 68.06$
 $T = 69.62$
 $L = 108.45$

Note! Elevations shown along curb lines are top of curb grades.

THIS SHEET HAS BEEN SUPERCEDED
BY SHEET 5109.6B1

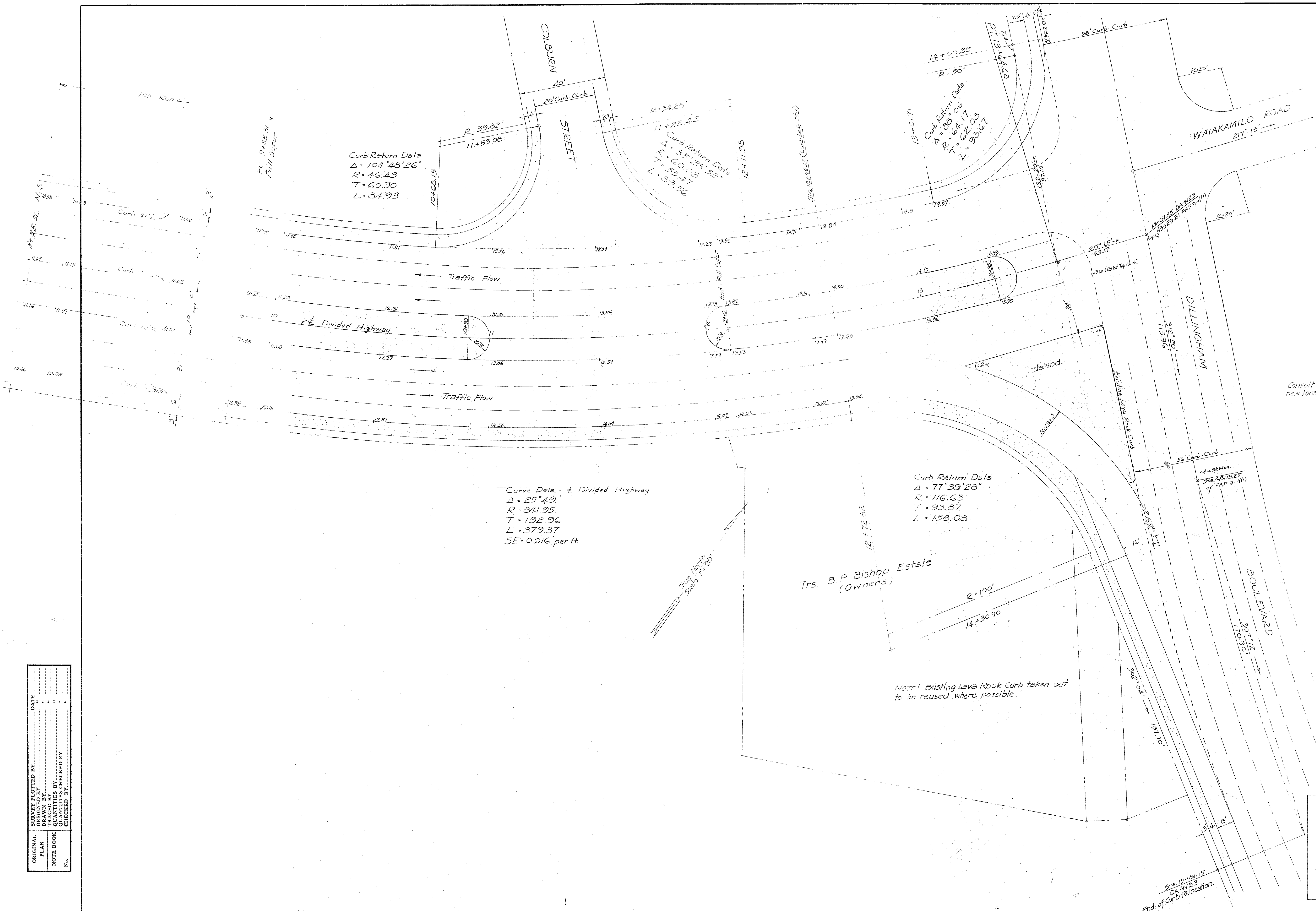
ORIGINAL	SURVEY PLOTTED BY.....	DATE.....
PLAN	DESIGNED BY.....	
	DRAWN BY.....	
		
NOTE BOOK	TRACED BY.....	
	QUANTITIES BY.....	
	QUANTITIES CHECKED BY.....	
N _o .	CHECKED BY.....	

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
INTERSECTION DETAILS AT COLBURN
ST. & DILLINGHAM BLVD.

DA-WR-3
July 1942. Scale: 1" = 20 ft.

SHEET NO OF SHEETS

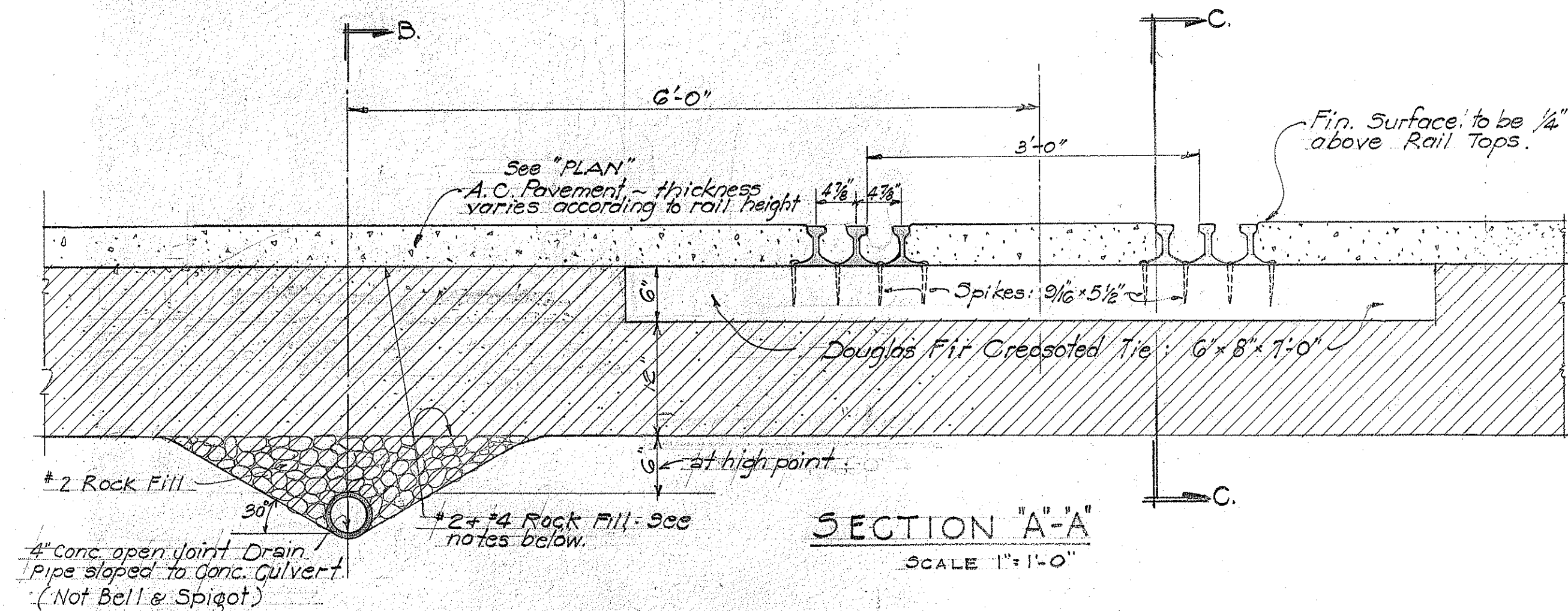
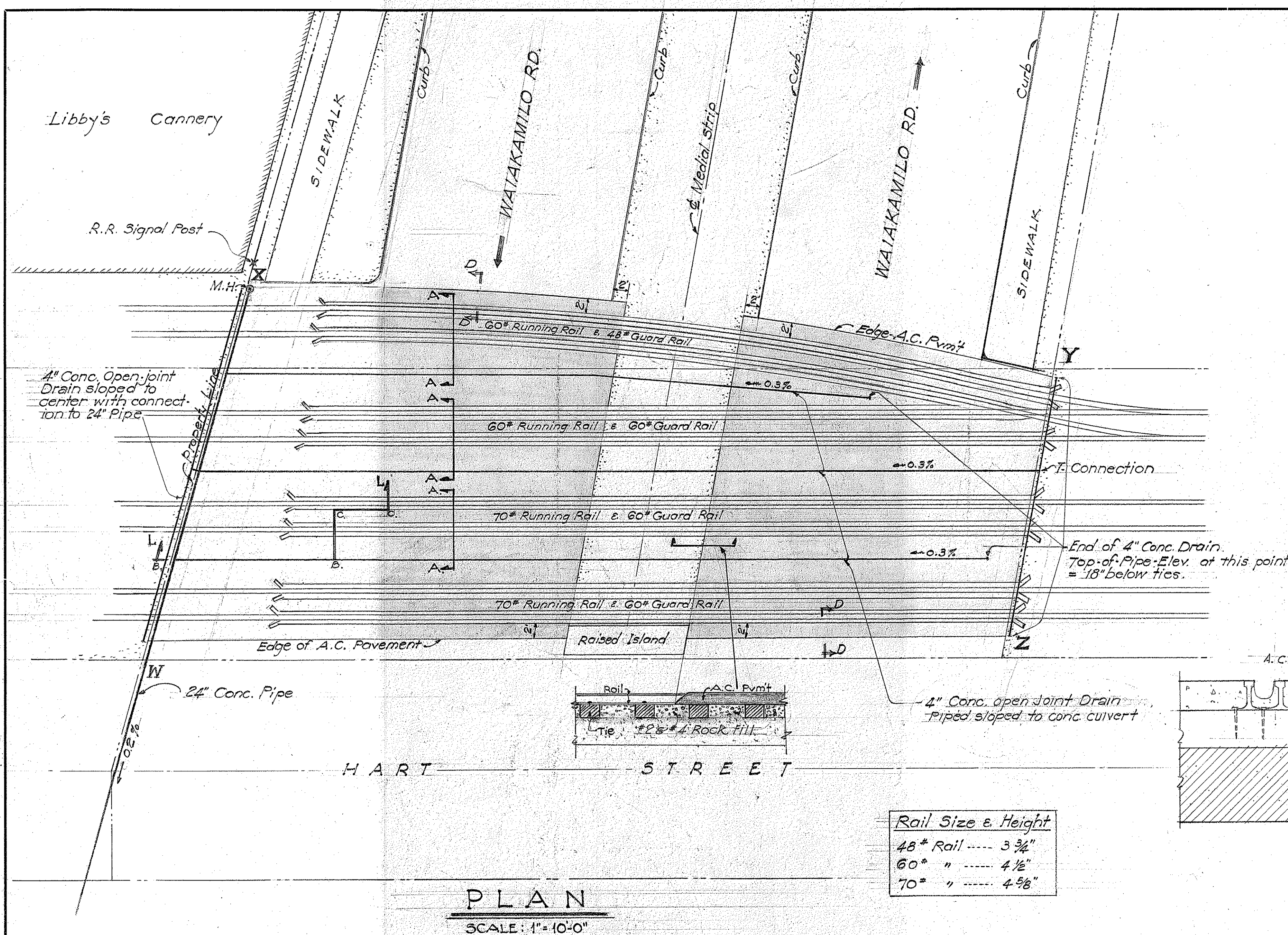
5109.61



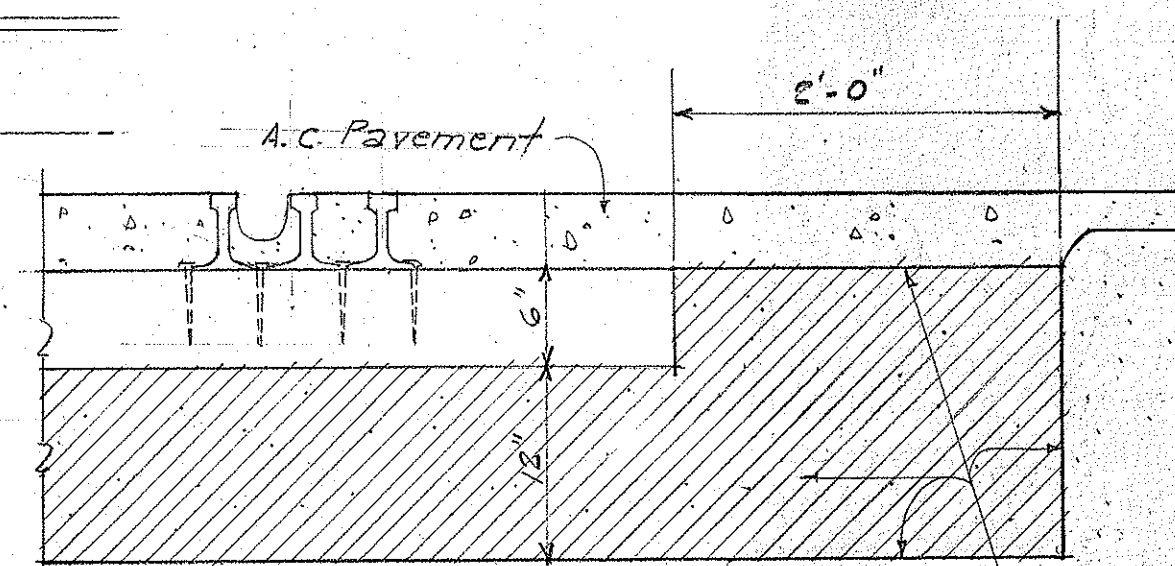
Consult C&C Street Light Dept. for new location of Existing Street Light (Standard).

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	CHECKED BY	
	QUANTITIES CHECKED BY	
	DESIGNED BY	

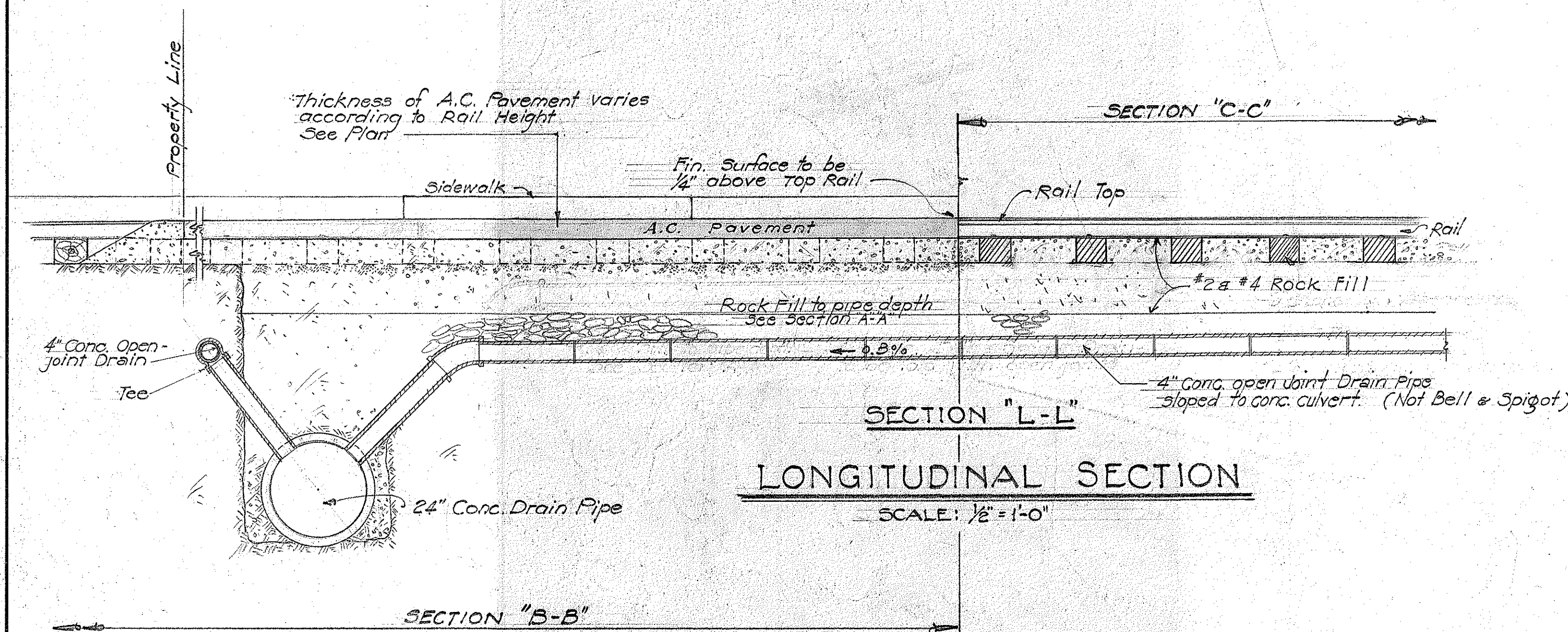
TERRITORIAL HIGHWAY DEPARTMENT
 TERRITORY OF HAWAII
INTERSECTION DETAILS
 COLBURN ST & DILLINGHAM BLVD.
 DA-WR-3
 April 1943
 Scale: 1" = 20'



NOTE!
The entire area W-X-Y-Z shown on the PLAN, from top of tie to 18" below top of tie is to be covered with No. 2 crushed rock filled with No. 4 crushed rock sand, properly sprinkled with water if necessary and tamped with pneumatic tamping tools until fully consolidated. (The shaded area as shown is to be paved with Asphaltic Concrete. Construct 4" tile drain as shown.)



Oahu Railway & Land Co. to perform all track work.



TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
INTERSECTION DETAILS
WAIKAMILO RD.
HART STREET
DA-WR-3
SCALE: As Noted
SHEET No 10 OF 10 SHEETS

5109.6 E

Revised 5-18-44