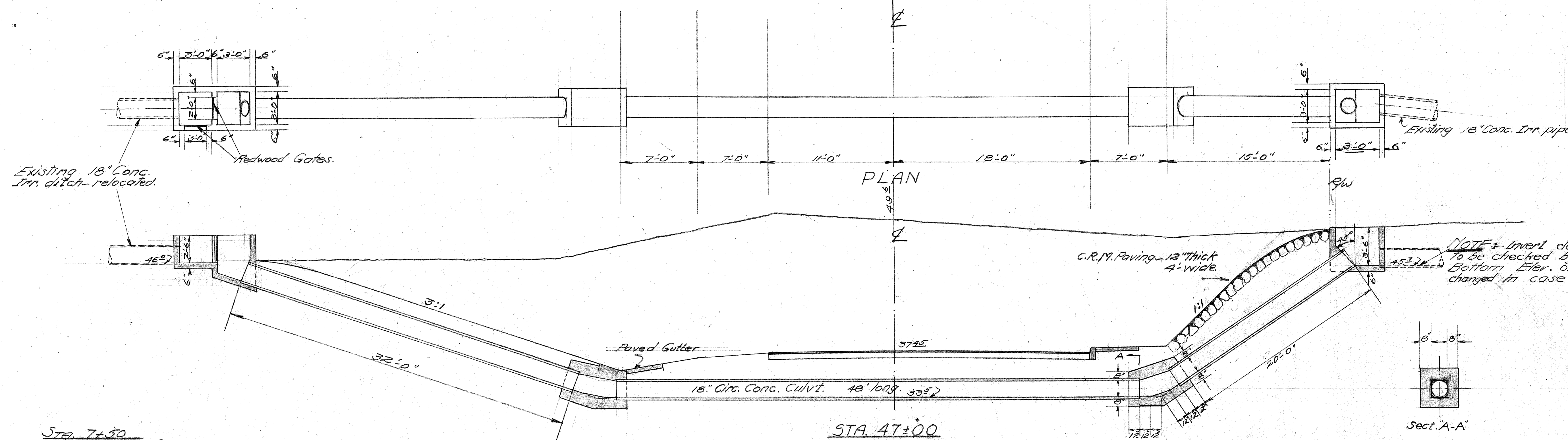


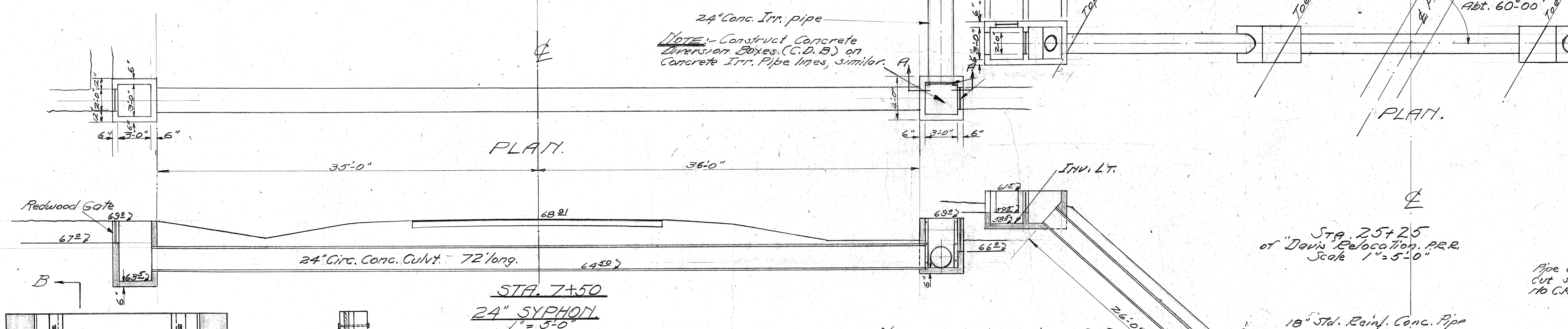
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
Hawaii	Haw.	FAGH 35-B(1)	1939	12	58

STA 47+00
ESTIMATED QUANTITIES
Structure Excavation 77 c.y.
Class A Concrete 5.5 c.y.
C.R.M. Paving 2.8 c.y.
18" Circ. Conc. Culvert 100 lin. ft.



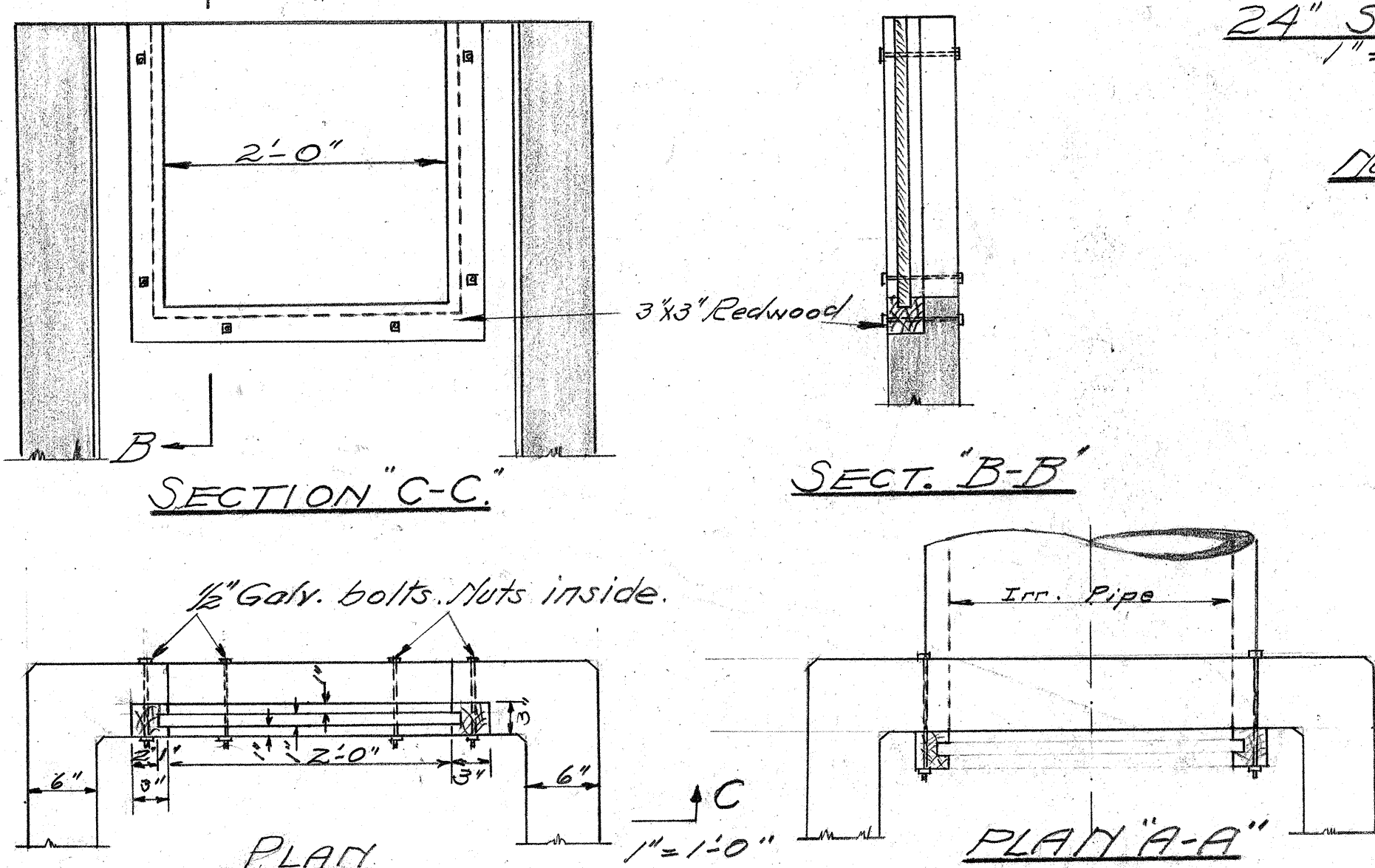
STA 7+50
ESTIMATED QUANTITIES
Structure Excavation 53 c.y.
Class A Concrete 3 c.y.
24" Circ. Conc. Culvert 72 lin. ft.

STA 47+00
18" SYPHON
1" = 5'-0"



STA 25+25
ESTIMATED QUANTITIES
Structure Excavation 37 c.y.
Class A Concrete 8 c.y.
18" Std. Reinf. Conc. Pipe 70 lin. ft.

STA 25+25
of "Davis Relocation, P.R.R.
Scale 1" = 5'-0"



NOTE: SIZE, NUMBER & LOCATION OF OPENINGS & GATES AS DIRECTED BY THE RESIDENT ENGINEER.
ALL REDWOOD GATES ARE CONSIDERED INCIDENTAL TO CONCRETE AND WILL NOT BE PAID FOR SEPARATELY.

NOTE: All lumber, redwood-SAS.
All nails galv.

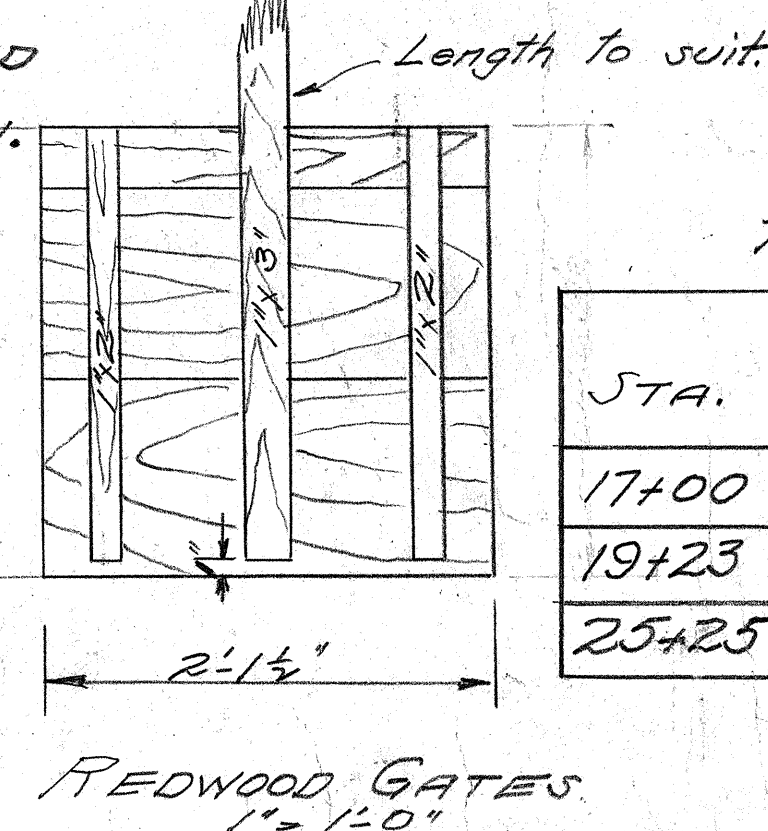


Table for Std. Reinf. Conc. Pipe Siphons.
Davis Relocation

STA.	INV. LT.	INV. RT.	INV. BOT.	A	B	C	STR. EXC. C.Y.	CLAS. A' CONC. C.Y.	18" STD. REINF. CONC. PIPE LBS.	24" STD. REINF. CONC. PIPE LBS.
17+00	52°	52°	42°	12	12	20	26	8	44	
19+23	57°	56°	41°	24	24	26	35	9		74
25+25	As shown above.									

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
SYPHON DETAILS
FAGH 35-B(1)
SCALES 1/2" = 5'-0" AND
1" = 1'-0"

SHEET No 1 OF 1 SHEETS

5001.12
5001.12

ORIGINAL PLAN
DESIGNED BY
TRACED BY
QUANTITIES BY
CHECKED BY
DATE
1/3/39