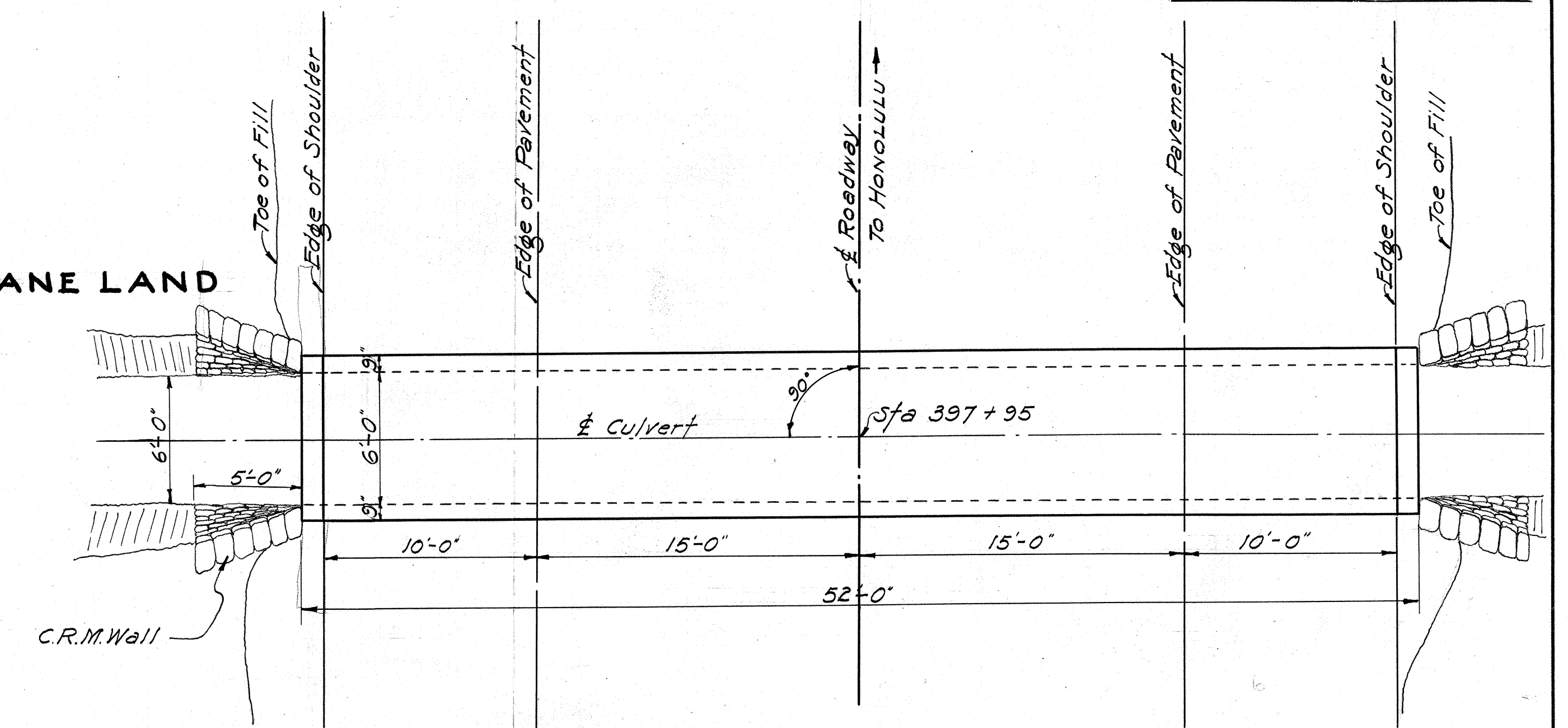
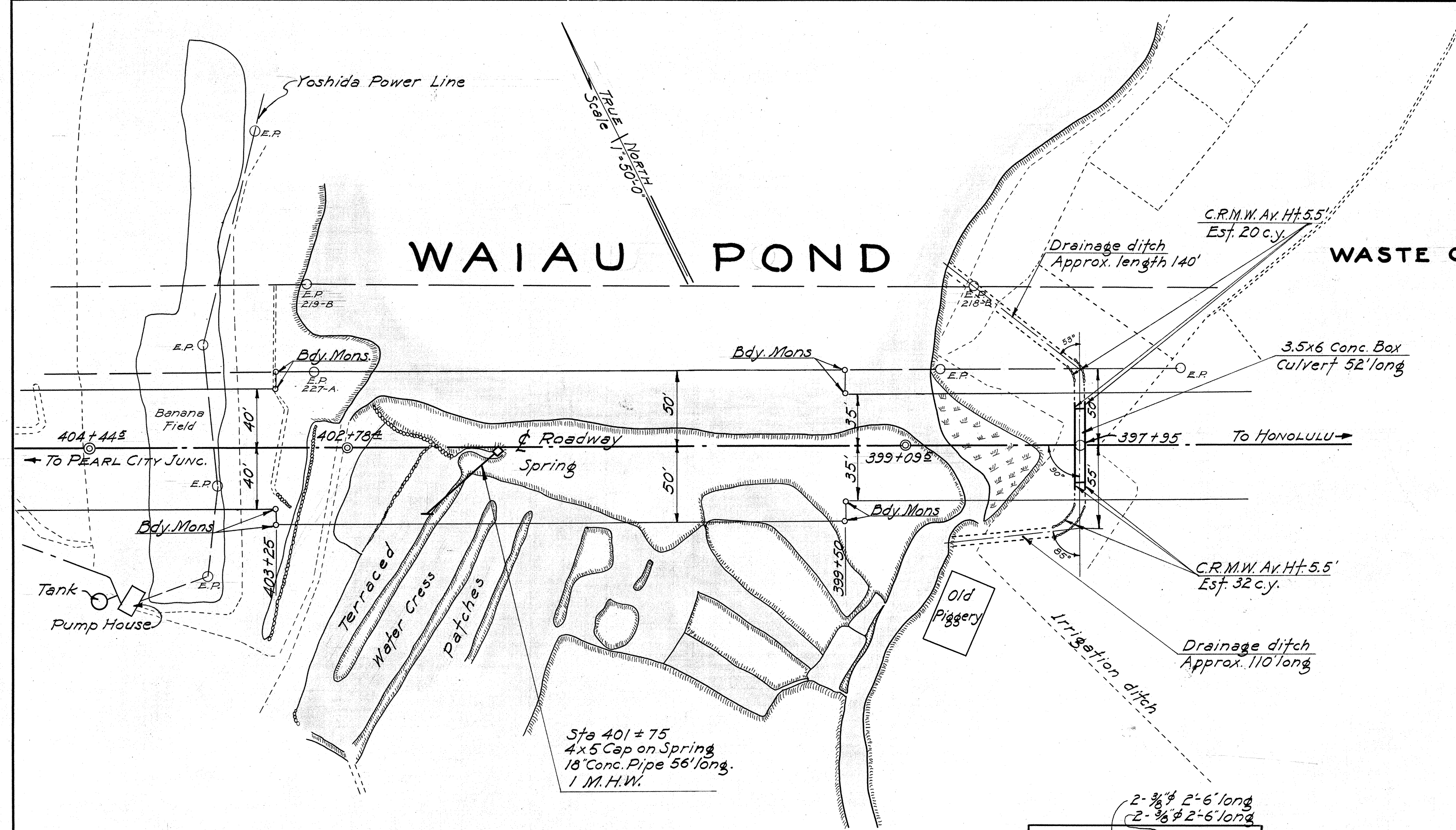
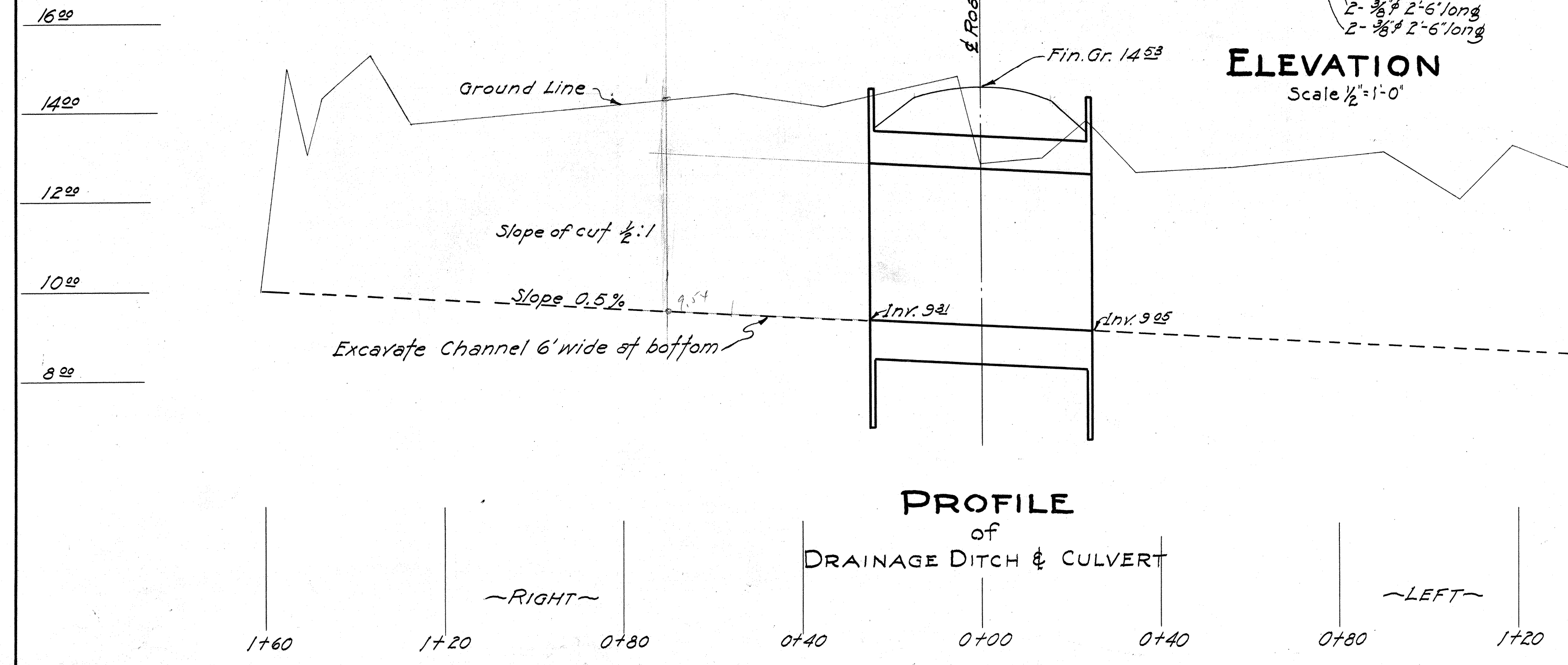
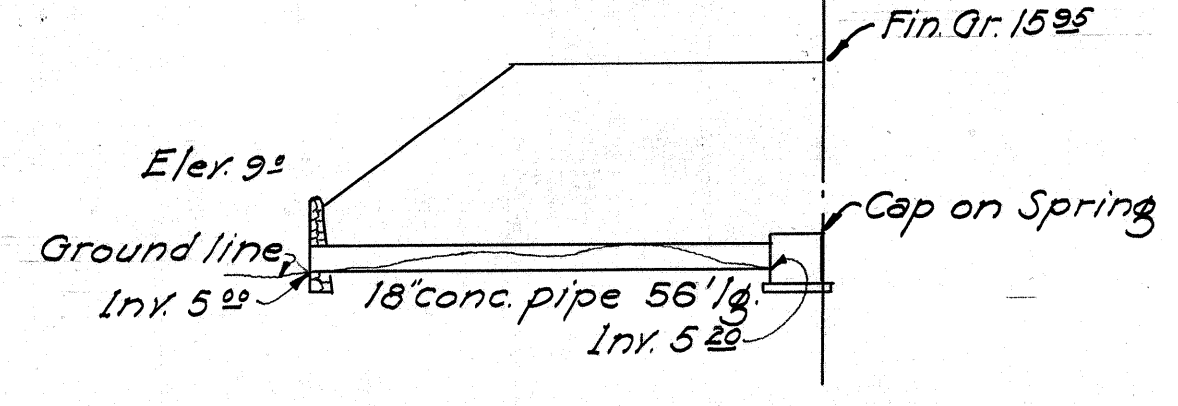
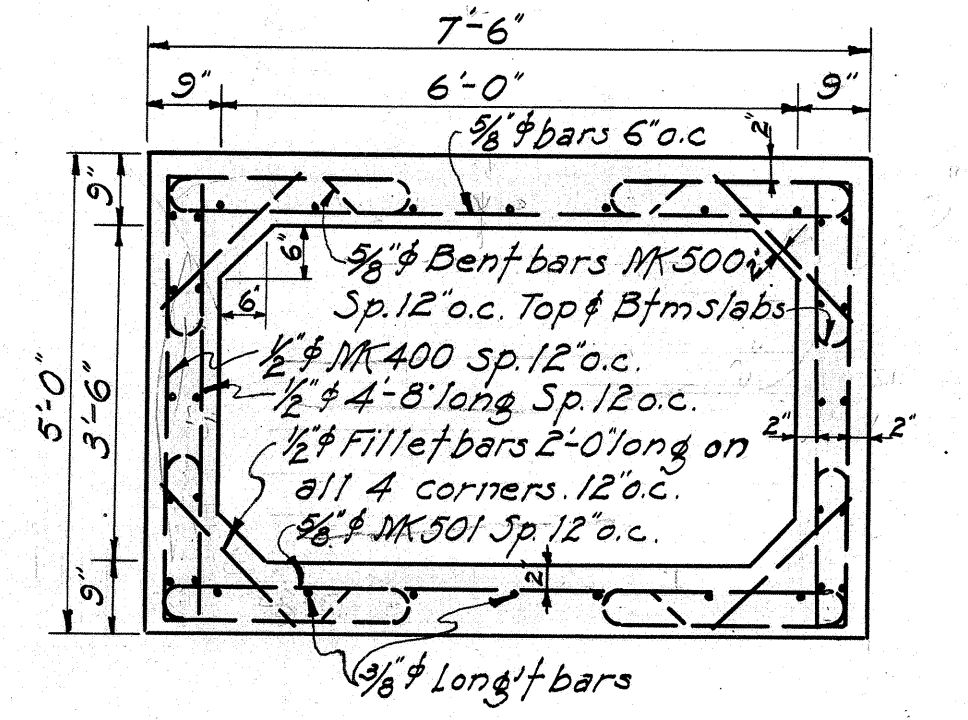
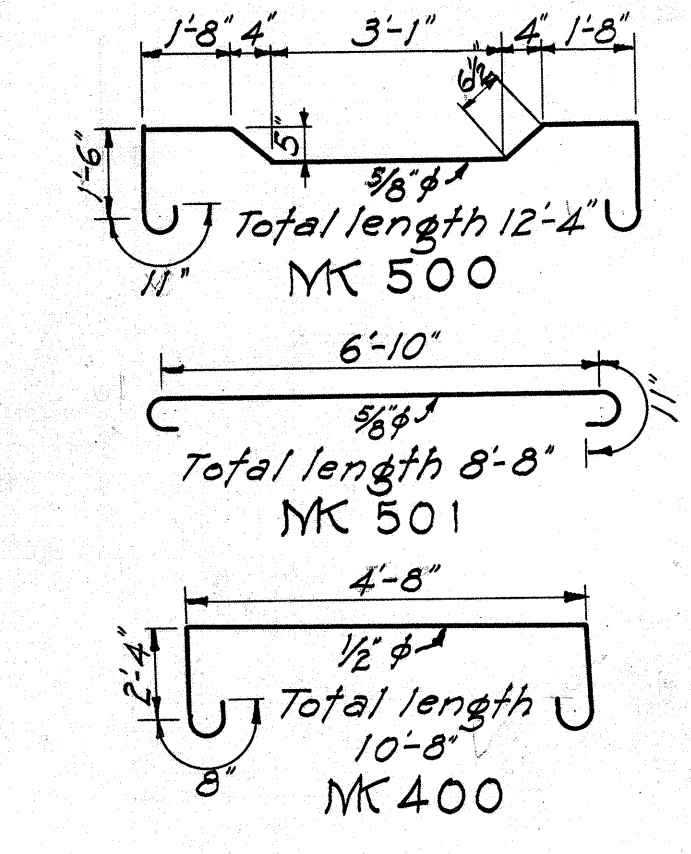
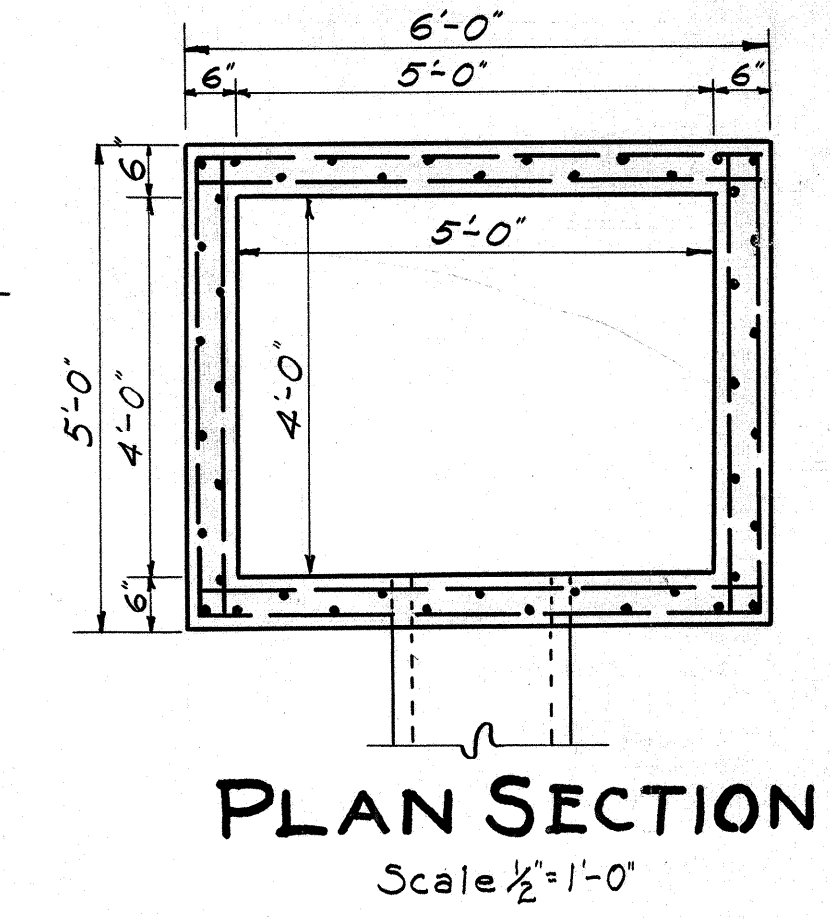
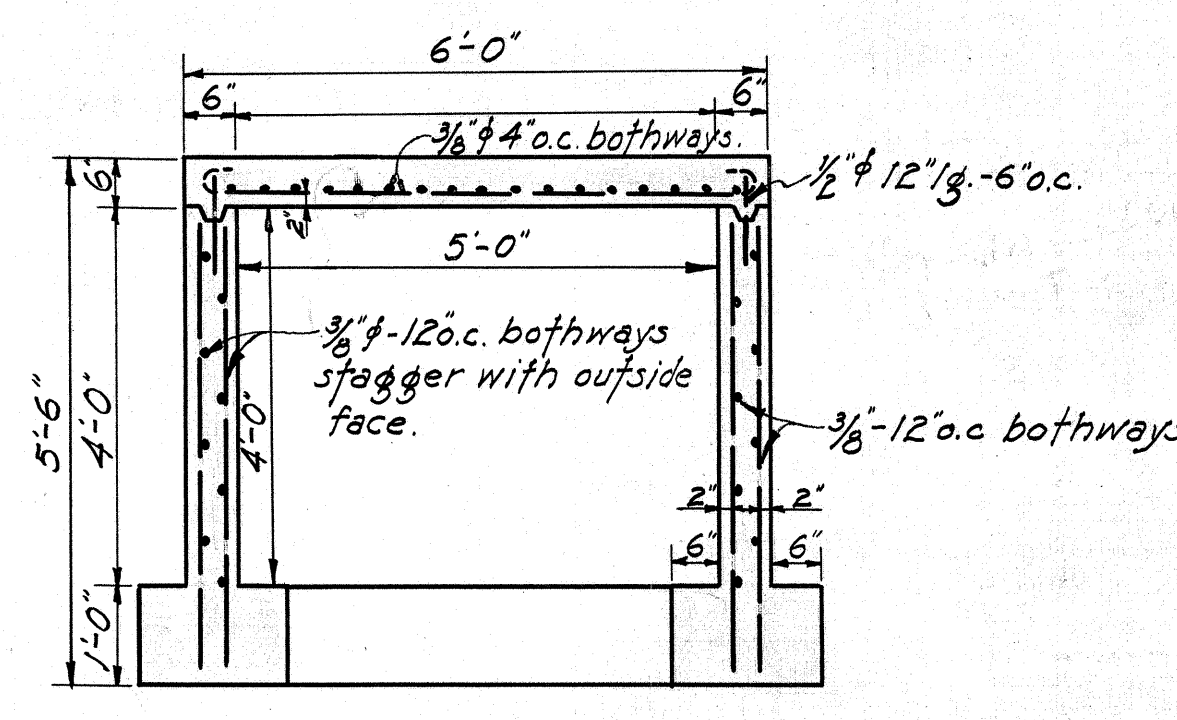
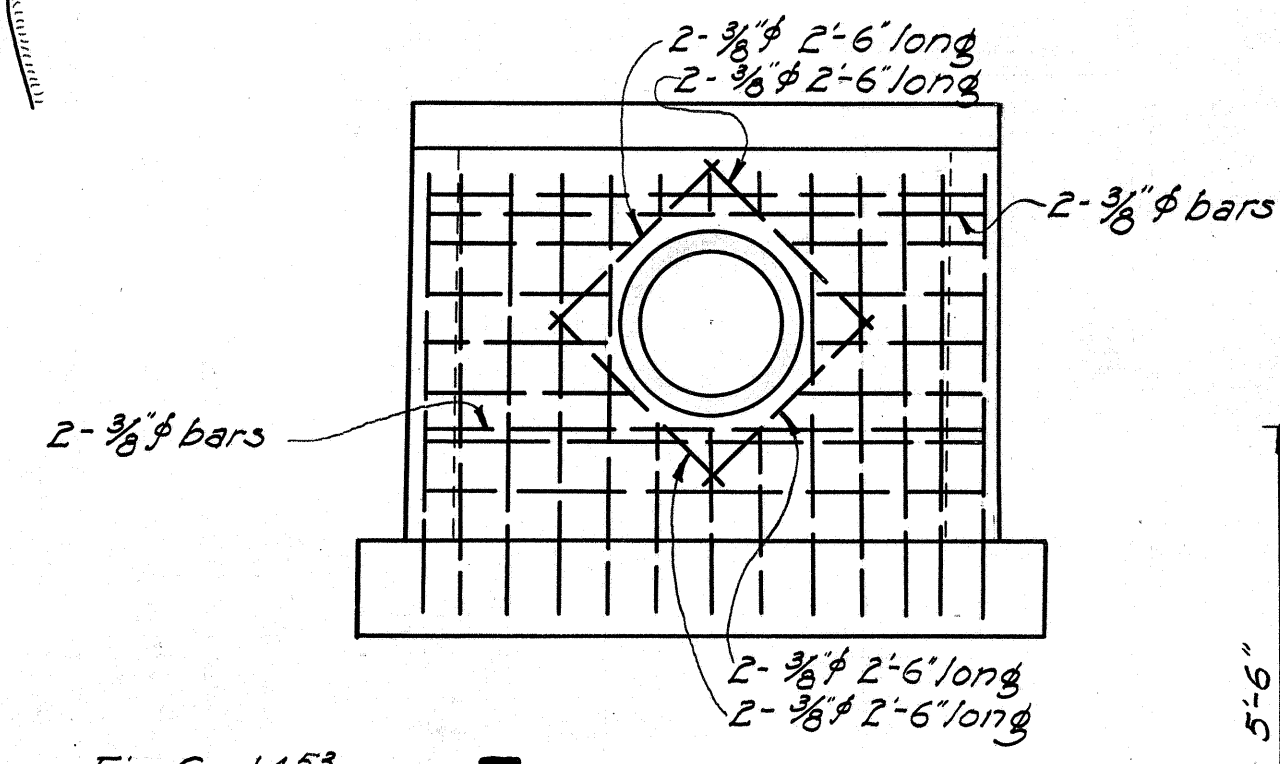




ESTIMATED QUANTITIES			
CULVERT		CAP	
Steel	4582 lbs.	Steel	245 lbs.
Class "A" Concrete	34.3 c.y.	Class "A" Concrete	3.4 c.y.
Structure Exc.	135.0 c.y.	Structure Exc.	15.0 c.y.
Unders. Exc.	395.0 c.y.	M.H.W.	1.0 c.y.
C.R.M. Wall	52.0 c.y.	18" Conc. Pipe	56.0 ft.

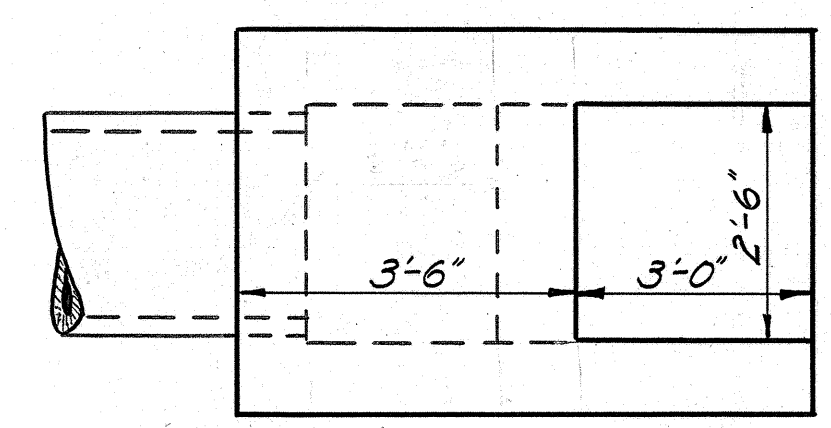
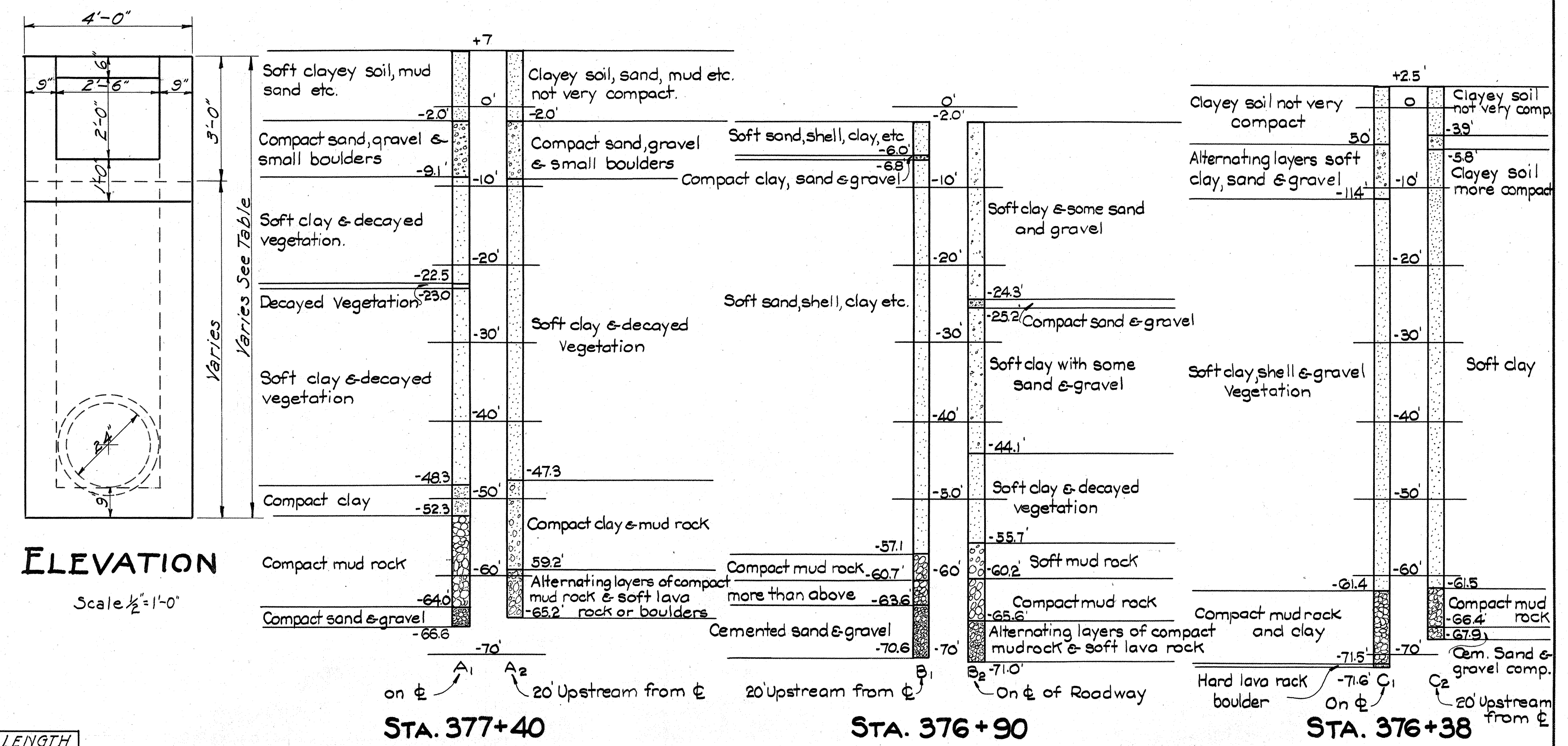
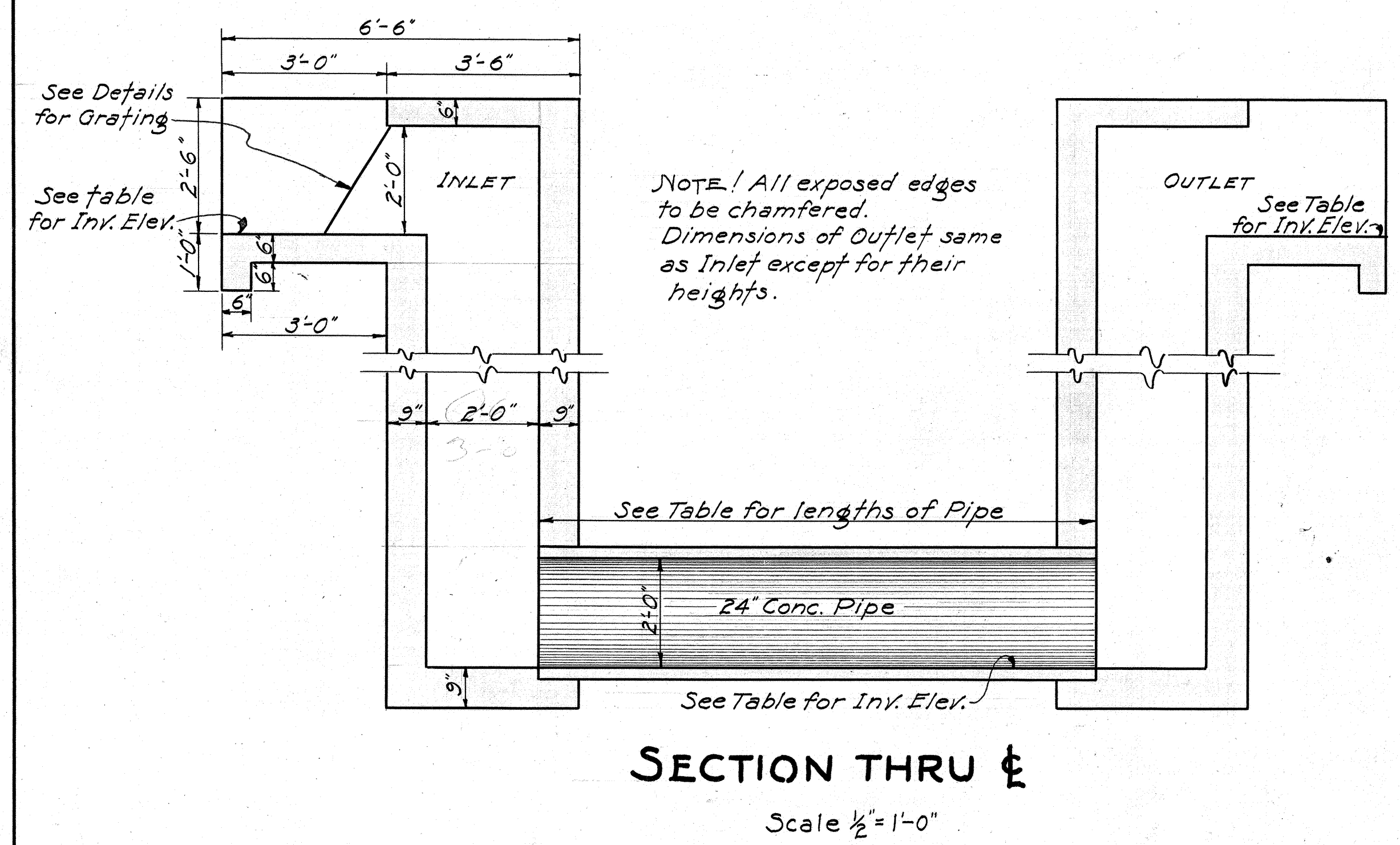


TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

3 1/2 x 6 BOX CULVERT
4 x 5 SPRING CAP

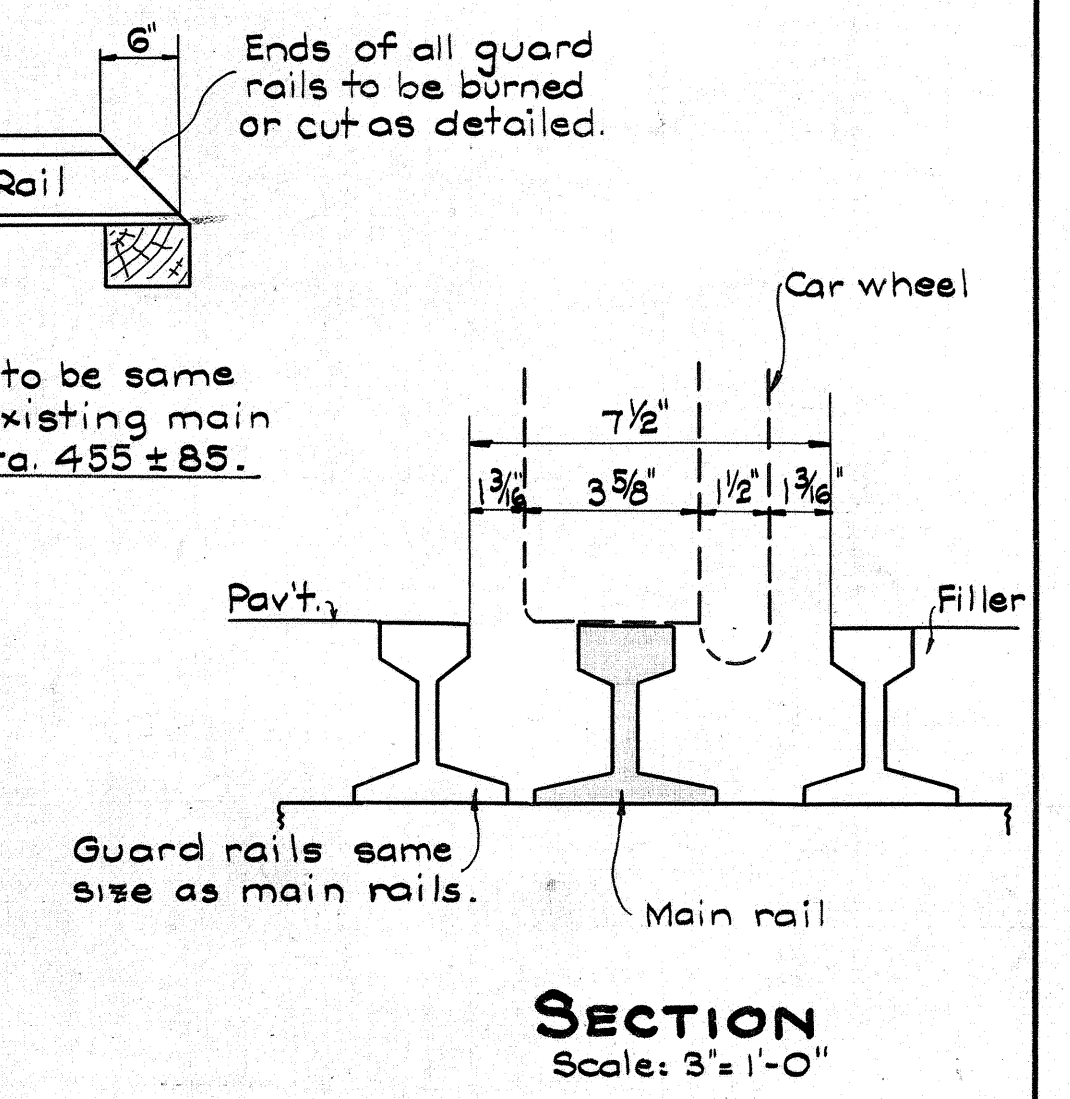
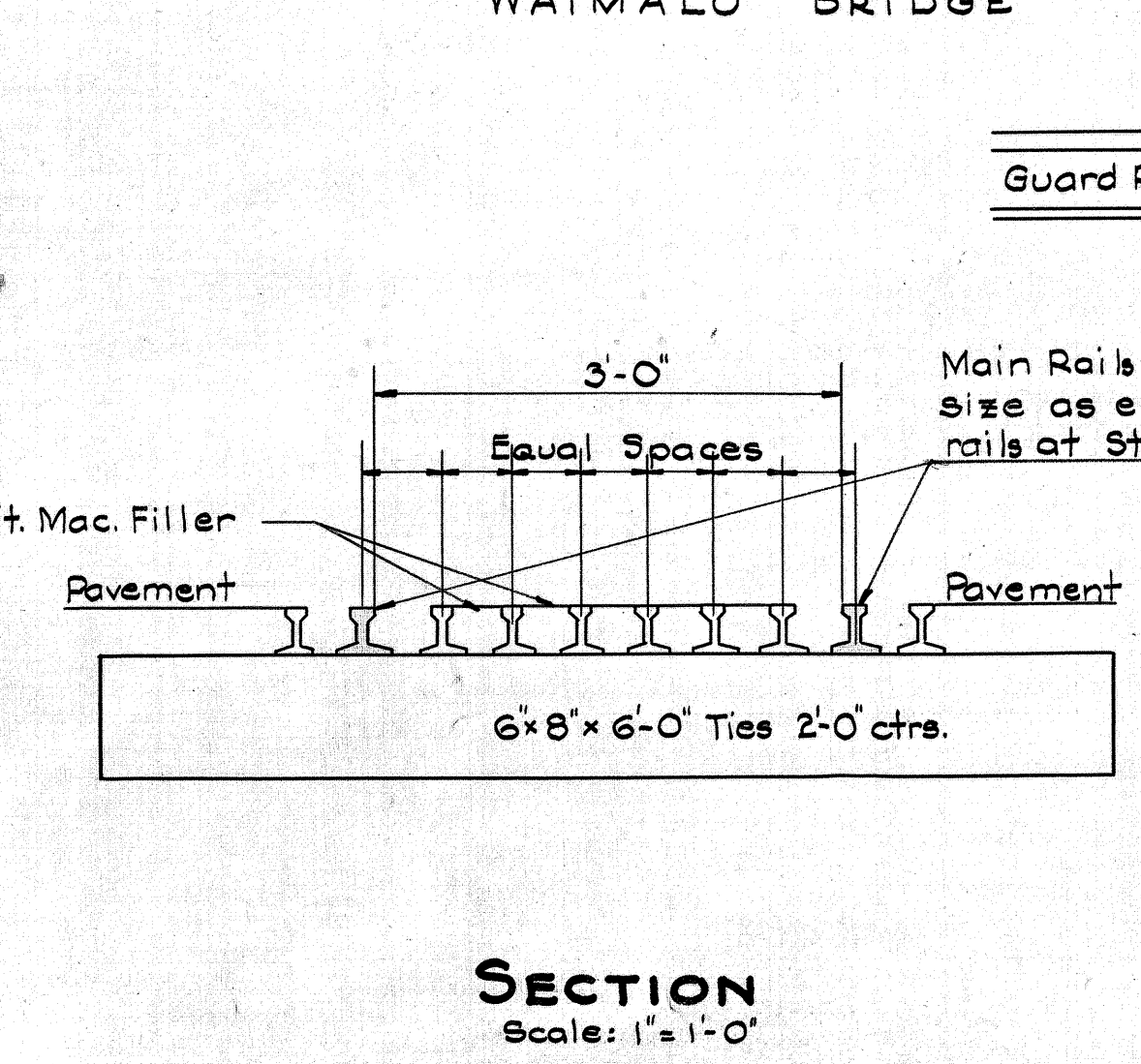
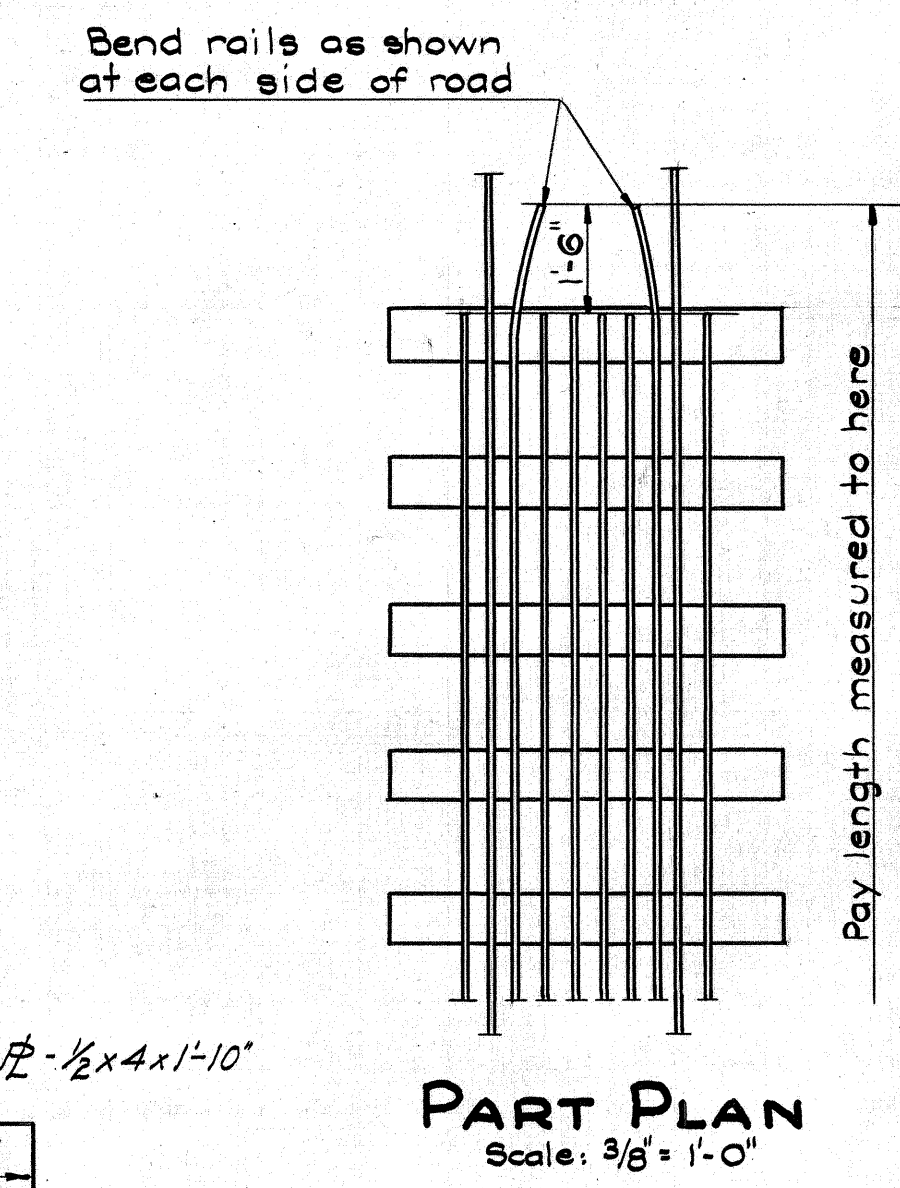
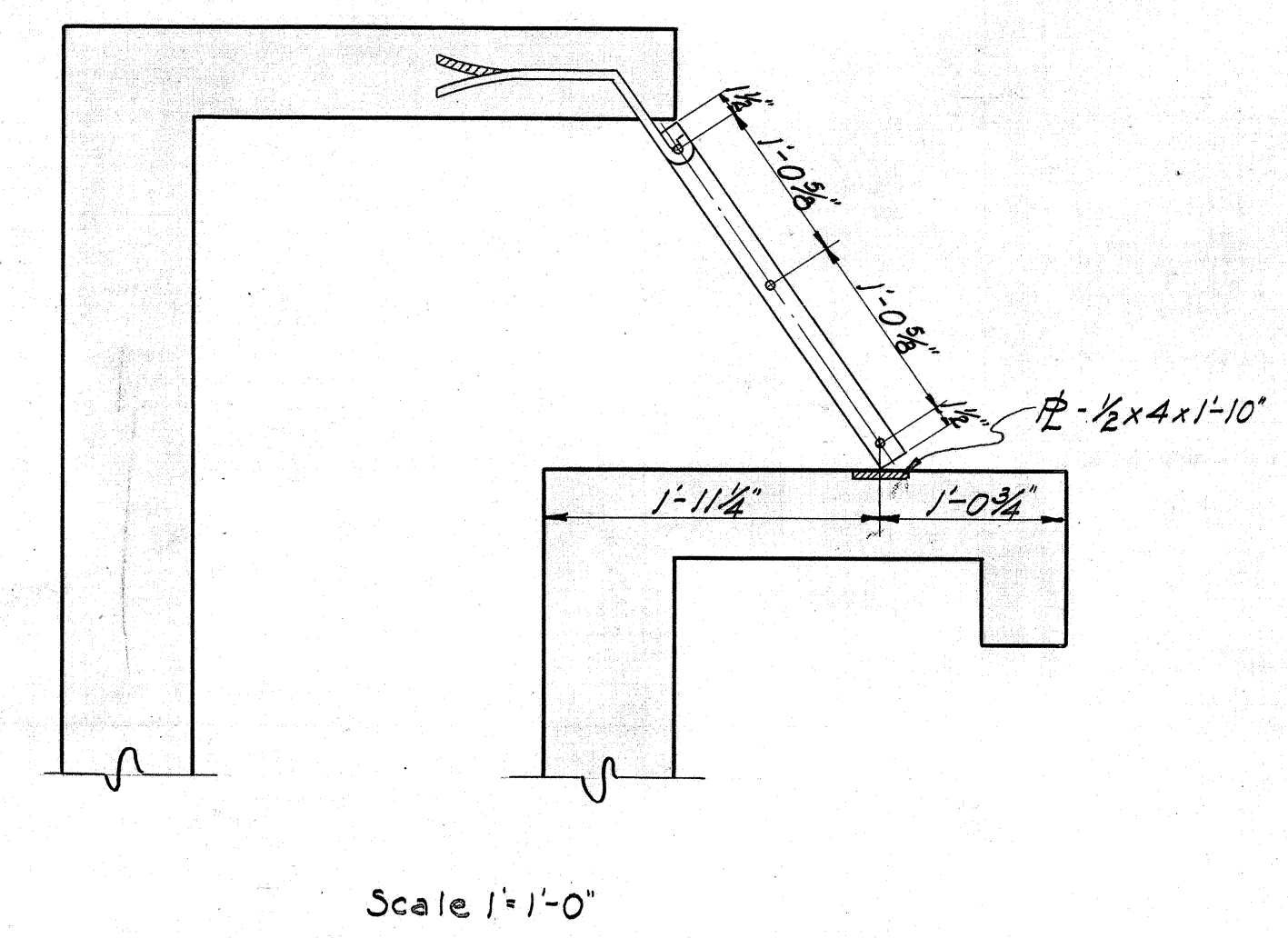
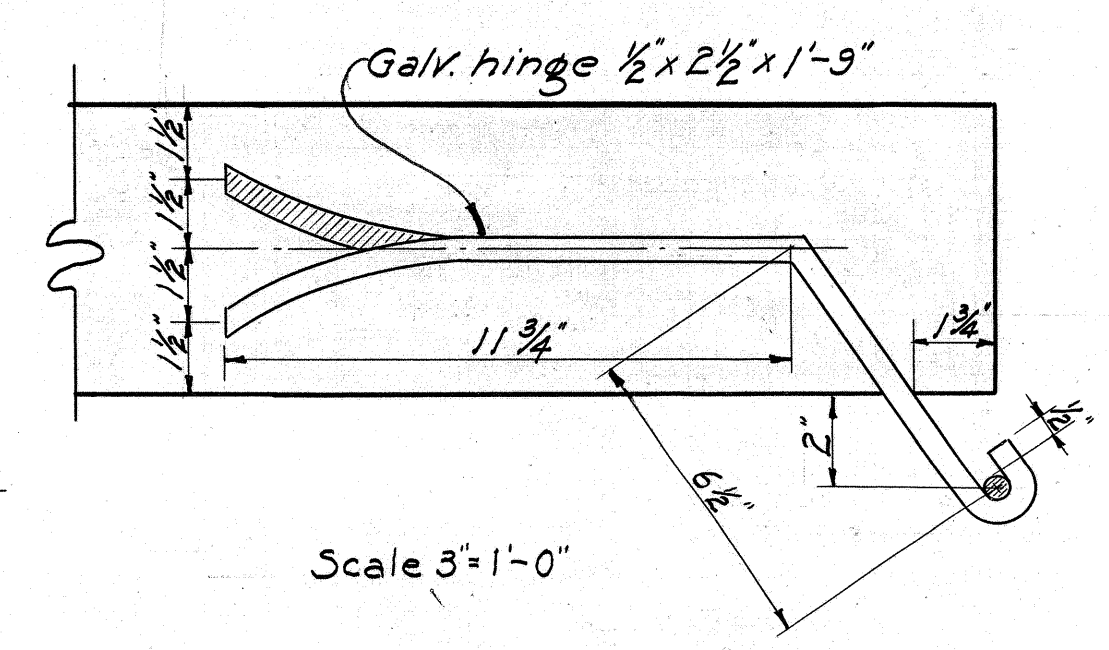
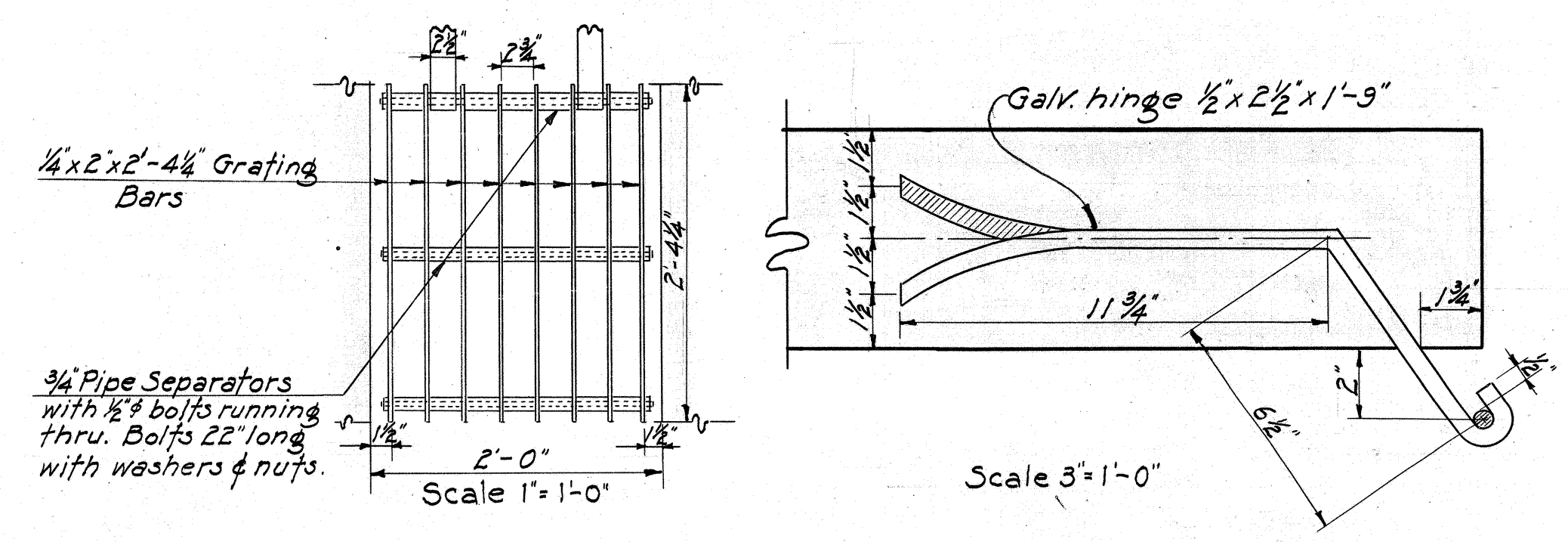
Kamehameha Highway Culvert at Sta 397+95
Cap at Sta 401+78

F.A.P. 9F Oct. 11, 1935



STA.	INVERT ELEVATIONS			LENGTH
	Intake	Outlet	Pipe	
388+60	15.2	14.5	6.2	132.2
392+33	16.2	15.5	8.2	60.2
404+50	33.2	32.5	2.1	70.2
423+47	52.2	48.2	4.5	64.2

SYPHON DETAILS



INDUSTRIAL TRACK CROSSING DETAILS

All main and guard rails are to be furnished and installed by Contractor.

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

SYPHON DETAILS
BORING DATA - WAIMALU BRIDGE
INDUSTRIAL TRACK CROSS. DETAILS
Kamehameha Highway F.A.P.-9F