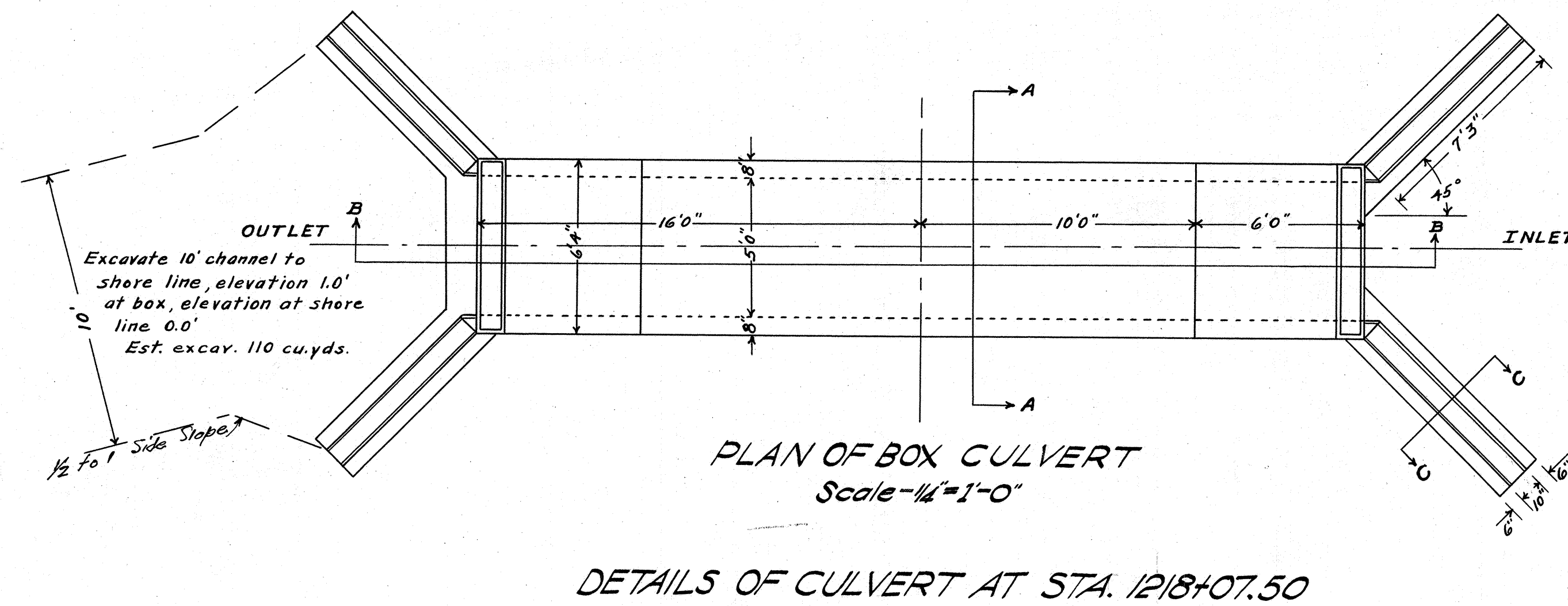
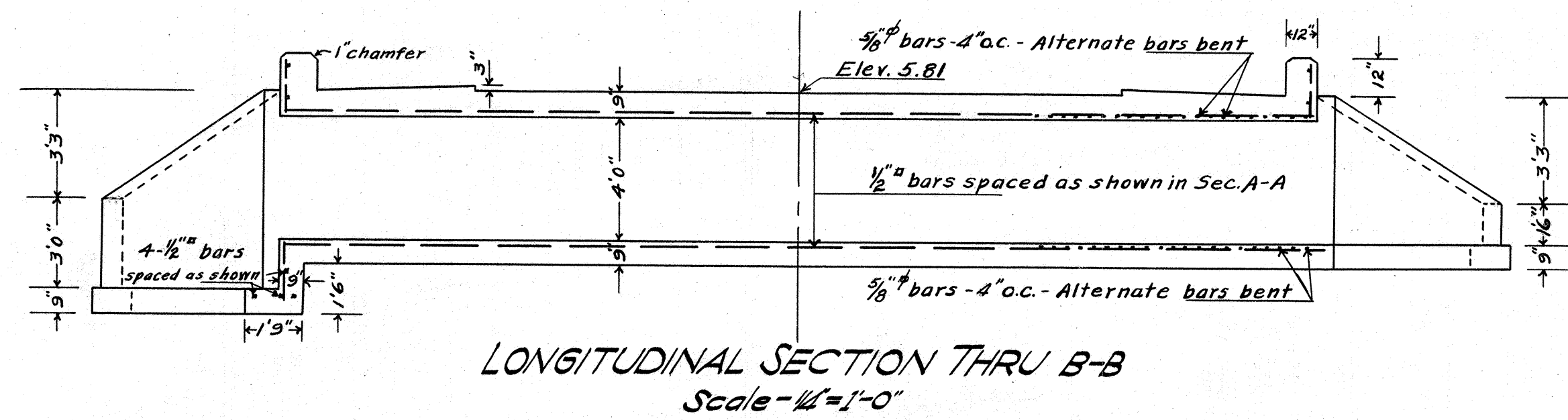
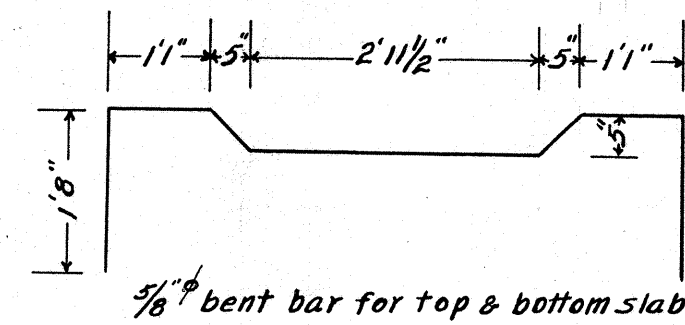
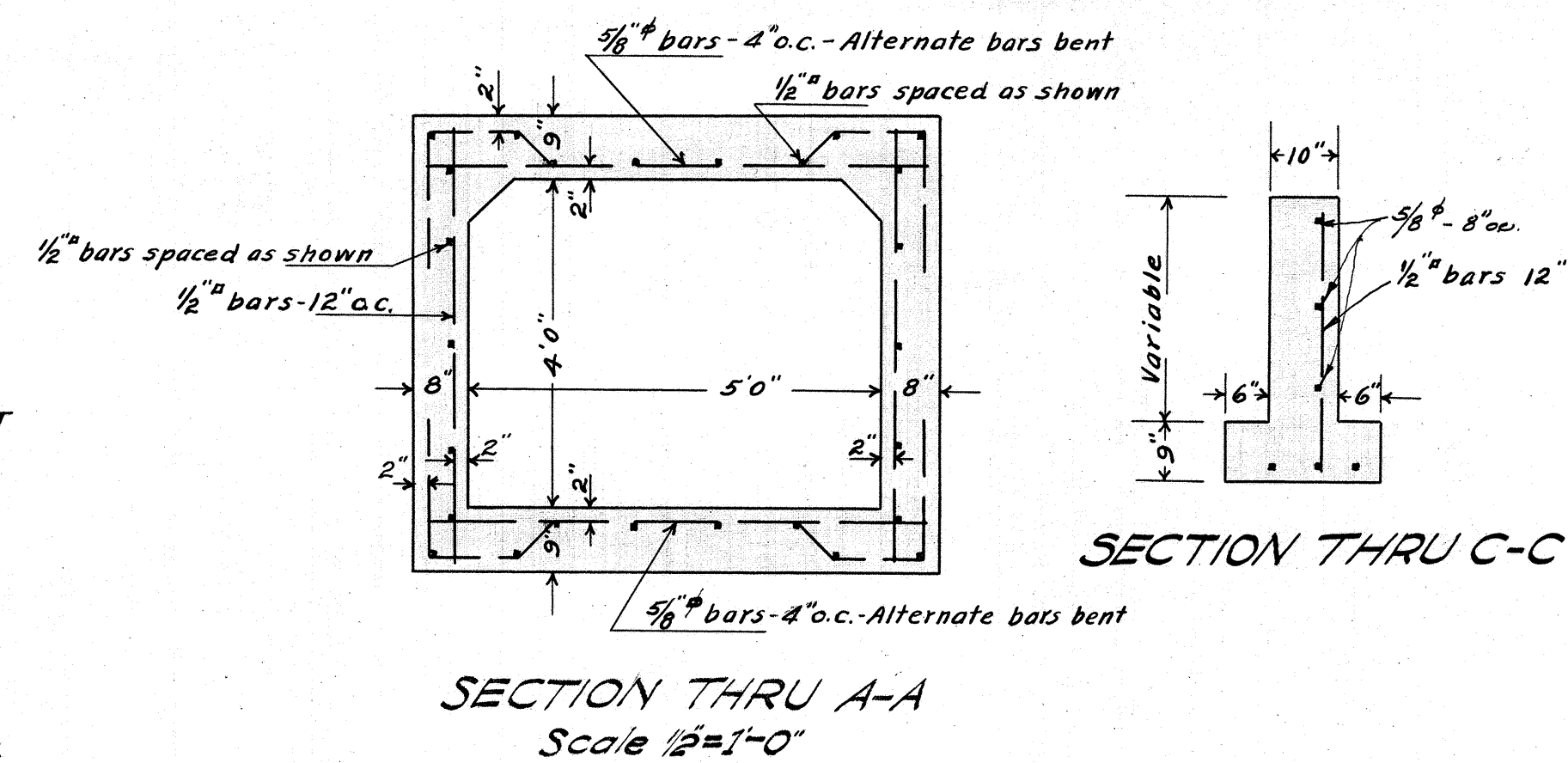
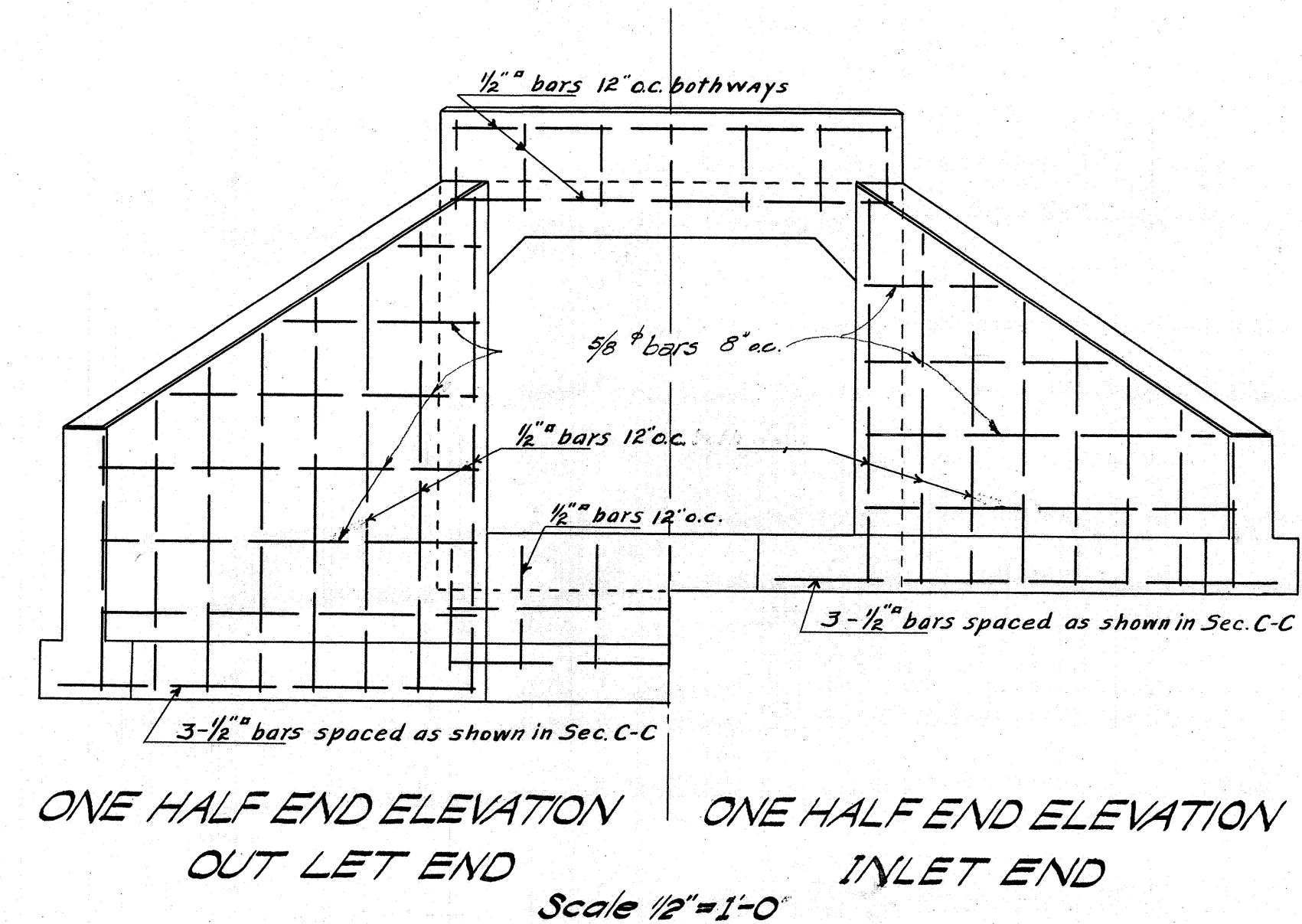




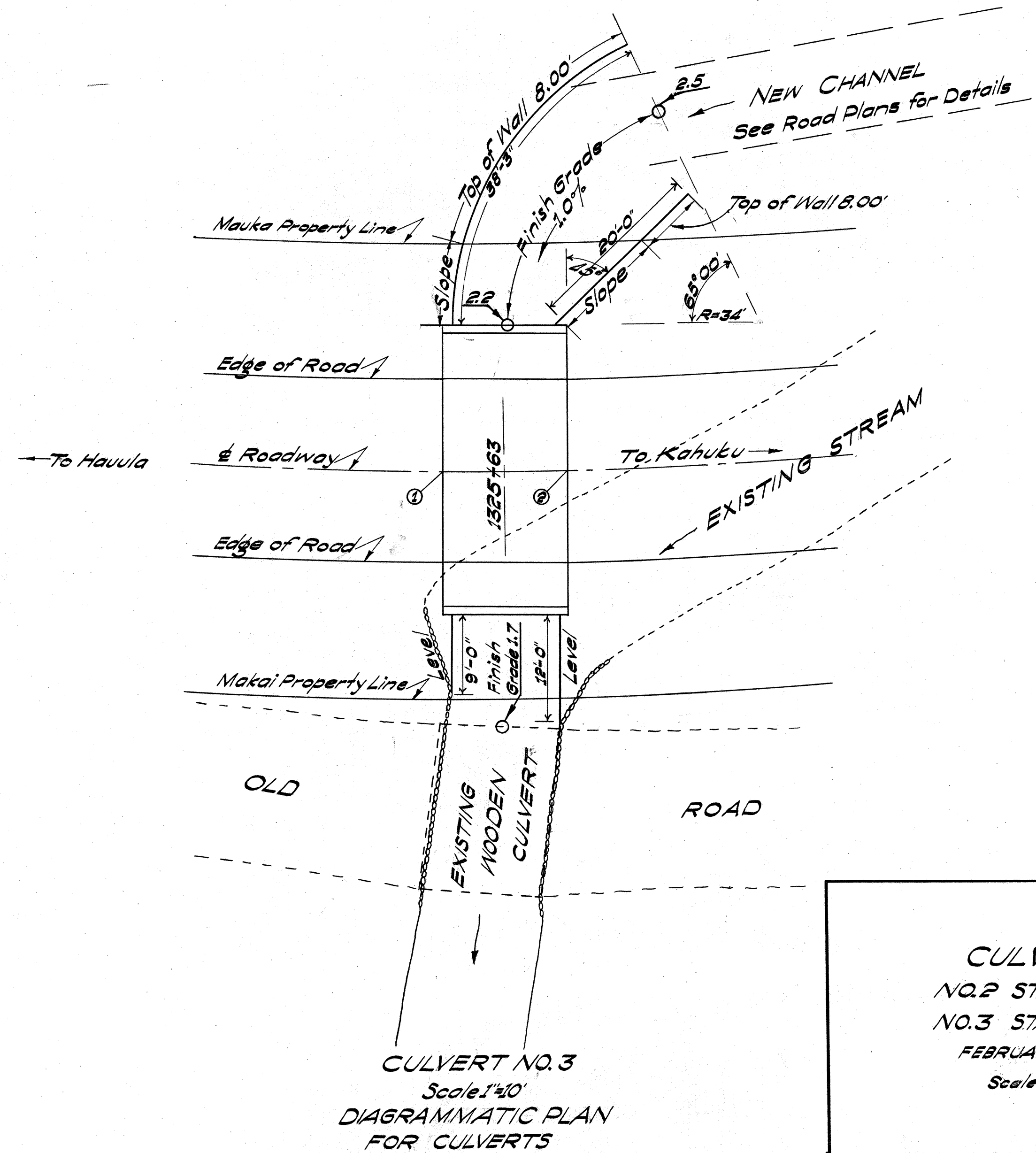
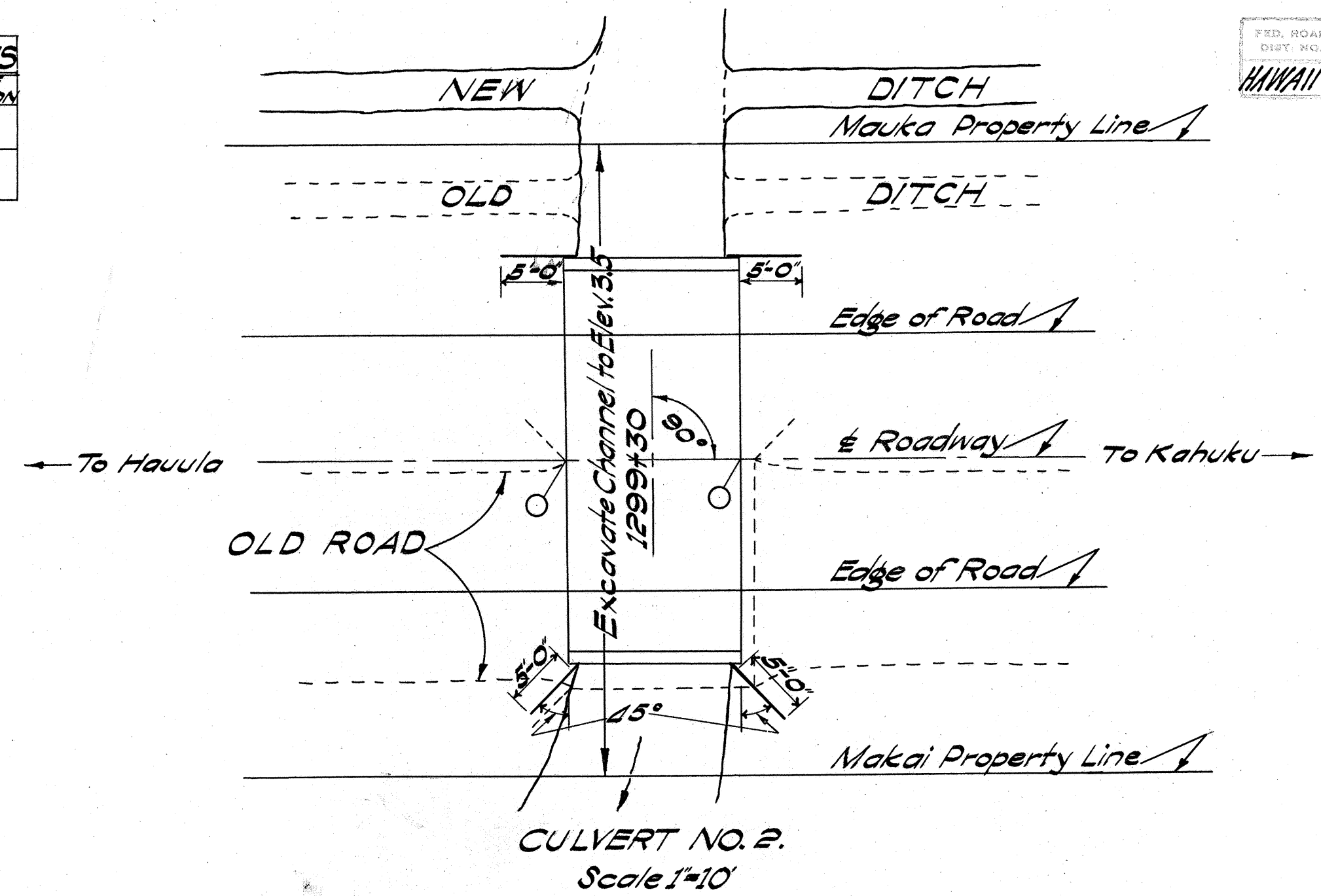
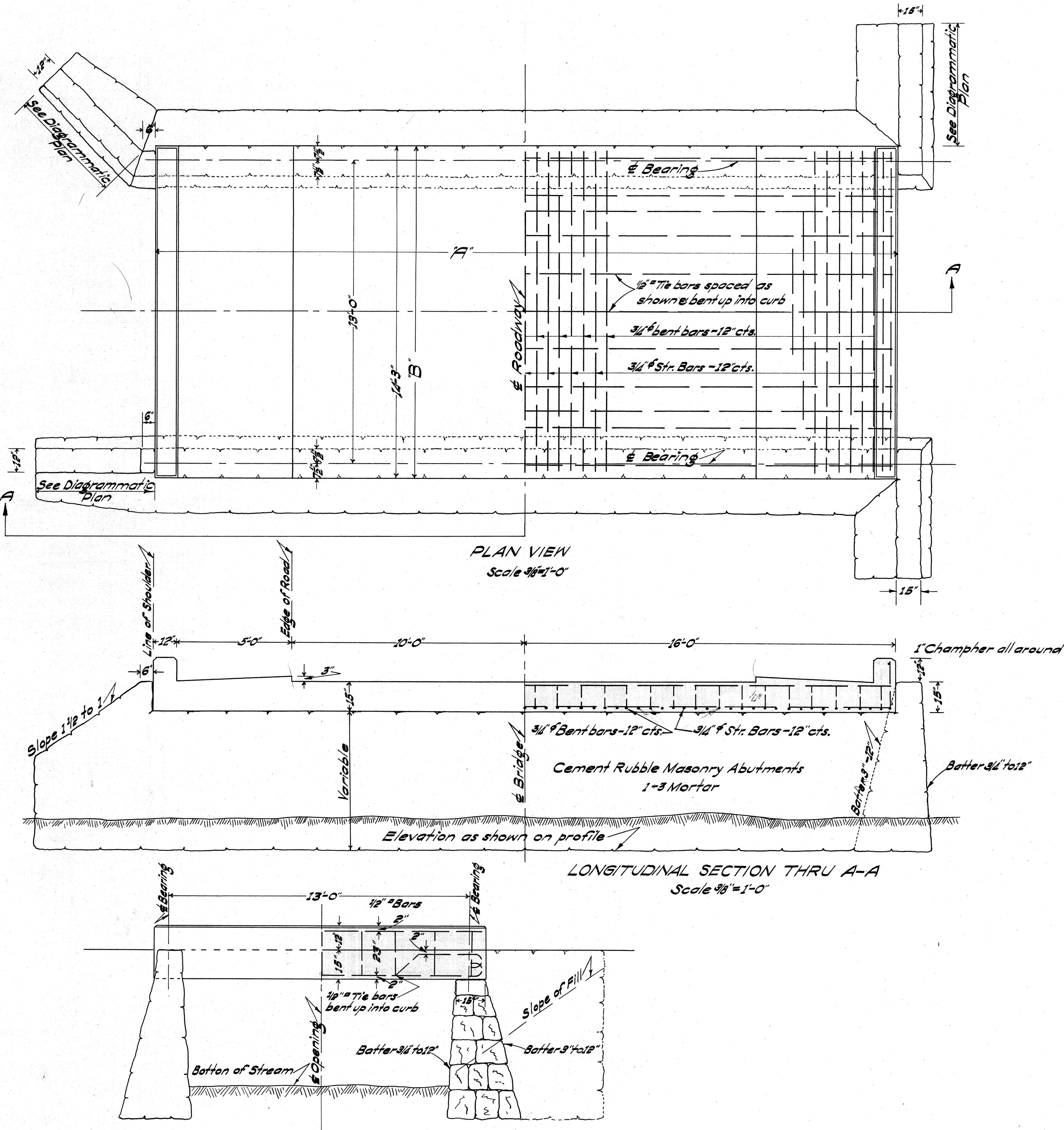
Concrete Class 'A' - 24.3 C.Y.
 Reinforcing Steel - 3,681 #
 Excavation Structure - 35 C.Y.
 " Channel - 110 C.Y.



NOTE -
 All bars with no lengths shown are to be of such a length that they will come to within two inches of the surface of the concrete at each end.
 Splices will not be allowed except in longitudinal bars. All splices to lap 30 diameters.

BOX CULVERT
 STA. 1218+07.50
 FEBRUARY 1932
 Scale as noted

LOCATION DIMENSIONS & ELEVATIONS										STEEL SCHEDULE										APPROXIMATE QUANTITIES			
LOCATION	STATION	ABUT. 1	ABUT. 2	ABUT. 3	ABUT. 4	ABUT. 5	ABUT. 6	ABUT. 7	ABUT. 8	NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6	NO. 7	NO. 8	NO. 9	NO. 10	CONCRETE	G.R.M.	STEEL	STRUCTURE
CULVERT 2	1299+30	32'-0"	14'-3"	10.23	10.17	8.56	8.50	1.56	1.50	3/4"	3/4"	12"	12"	11"	6'-6"	11"	12"	12"	12"	229 C.Y.	50 C.Y.	0.784	0.200
CULVERT 3	1325+63	32'-0"	14'-3"	11.51	11.51	9.84	9.84	-0.16	-0.16	3/4"	3/4"	12"	12"	11"	6'-6"	11"	12"	12"	12"	229 C.Y.	135 C.Y.	0.784	0.200



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAWAII	1-D	1932	26	57

CULVERTS
NO. 2 STA. 1299+30
NO. 3 STA. 1325+63
FEBRUARY 1932
Scale as noted