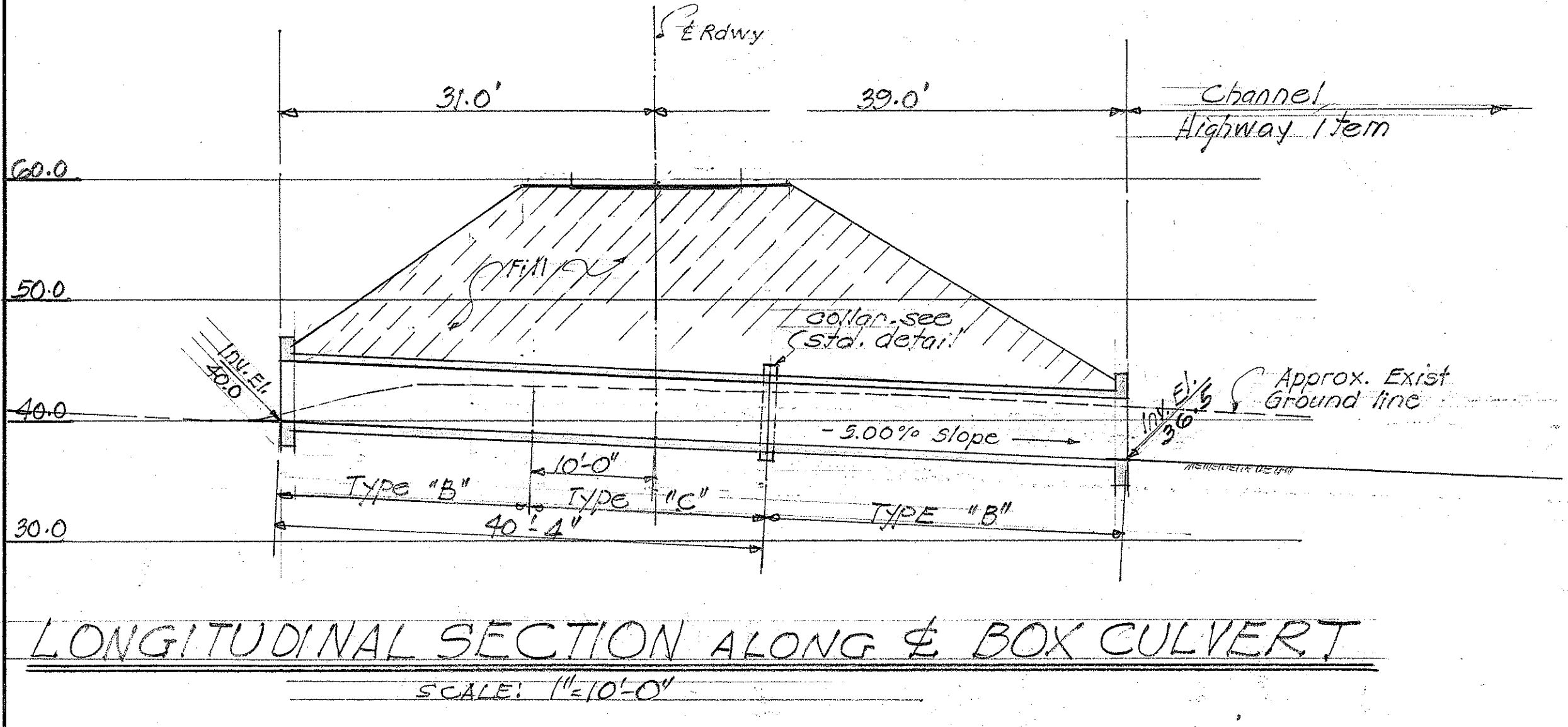
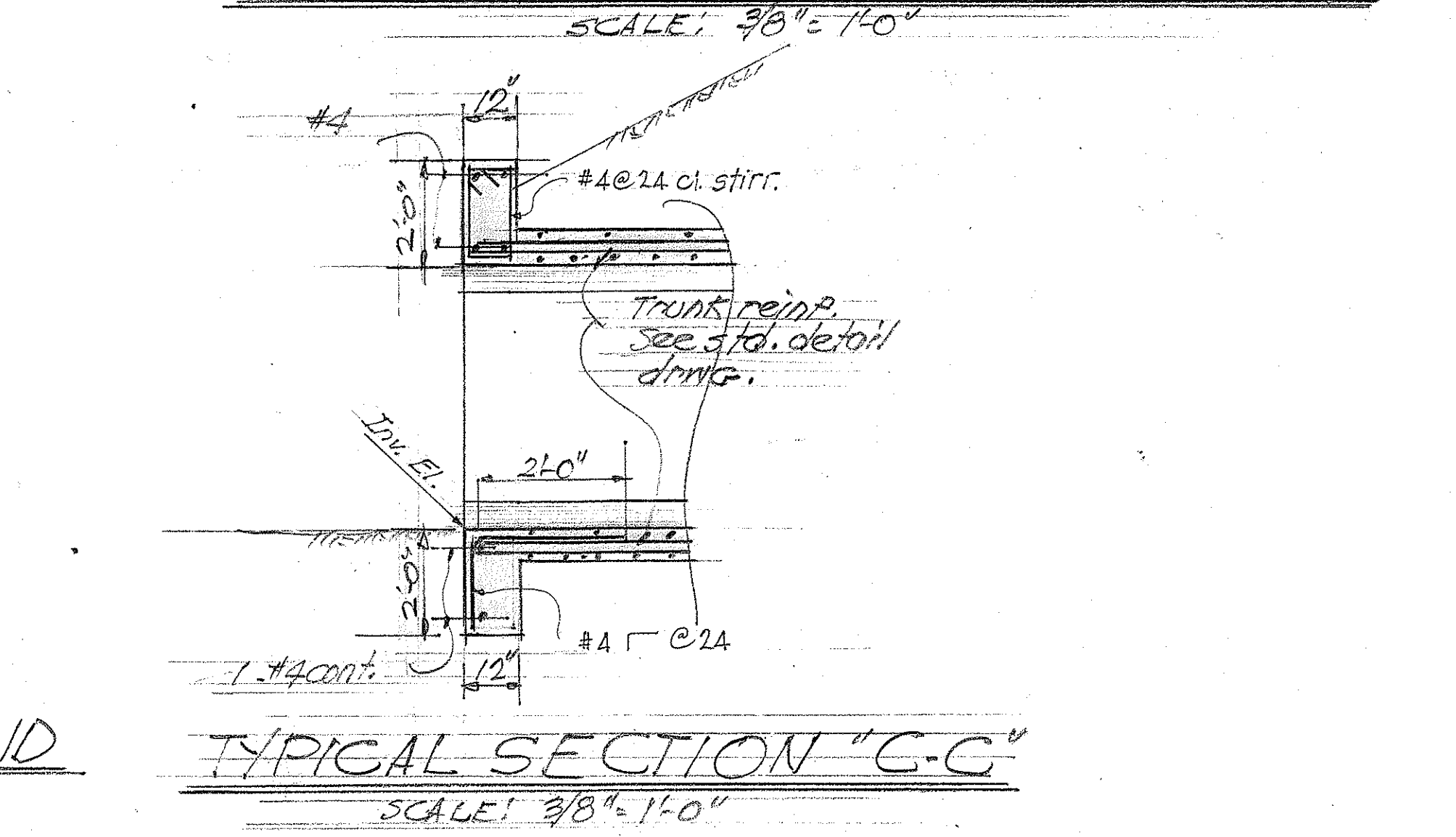
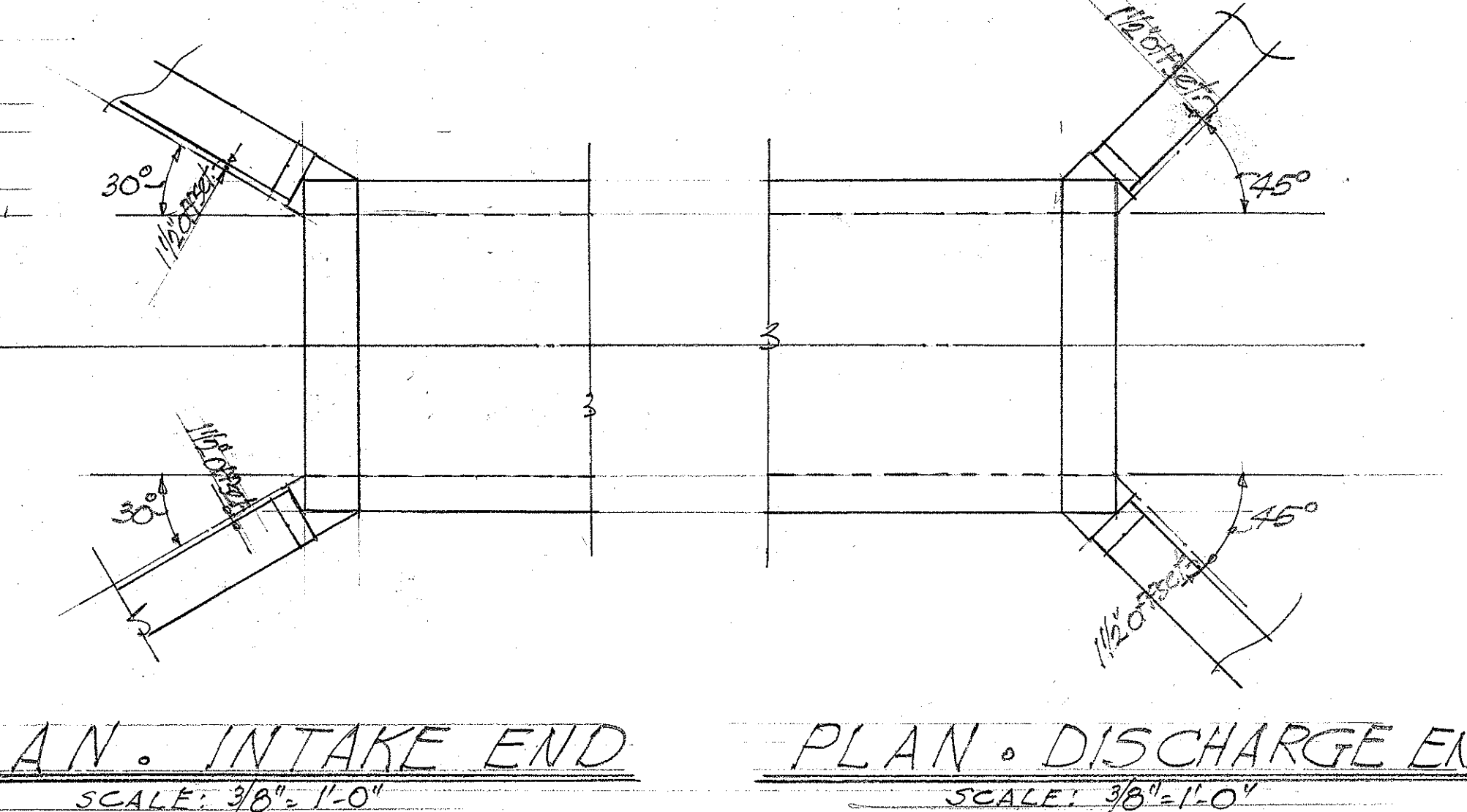
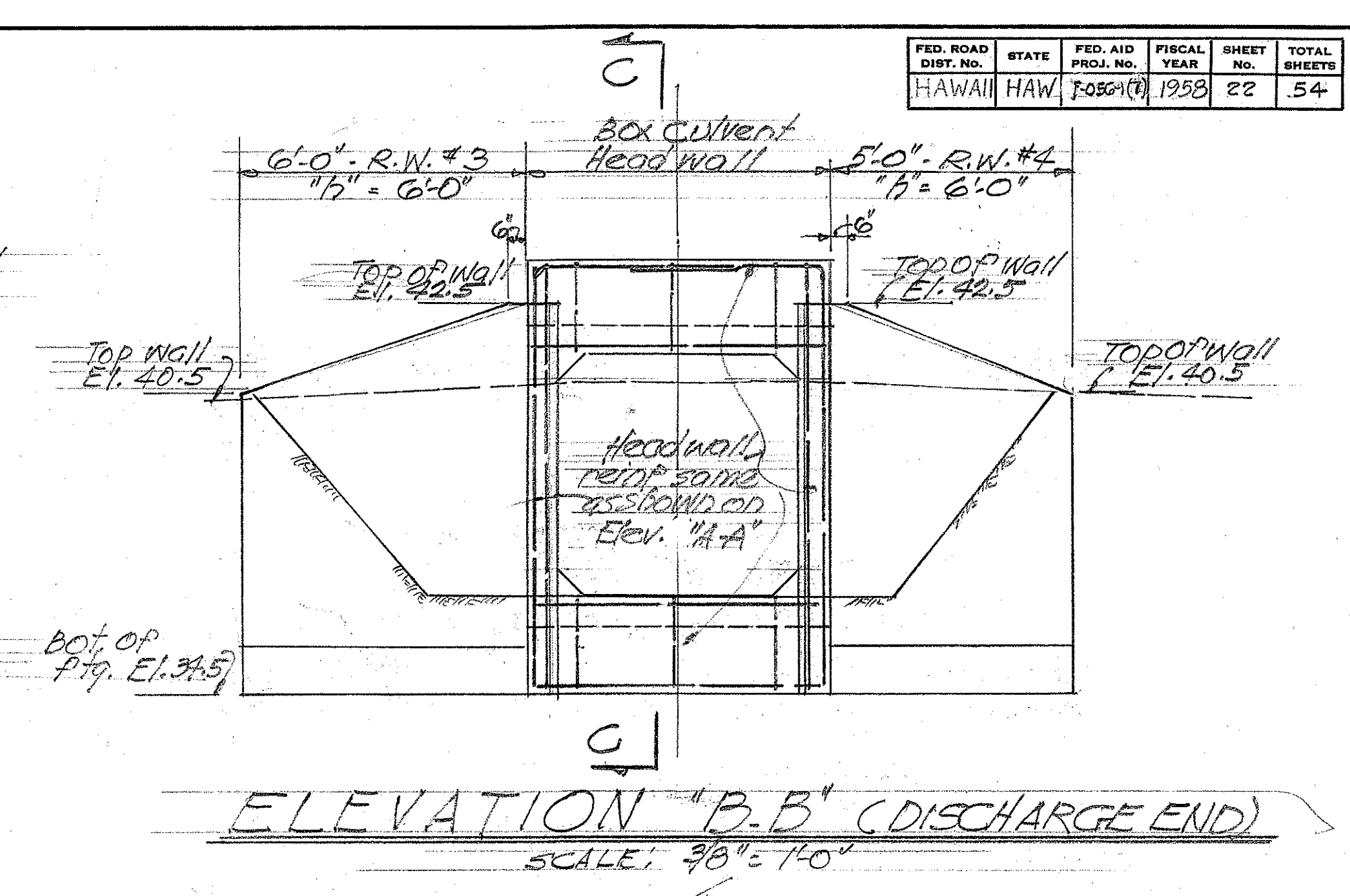
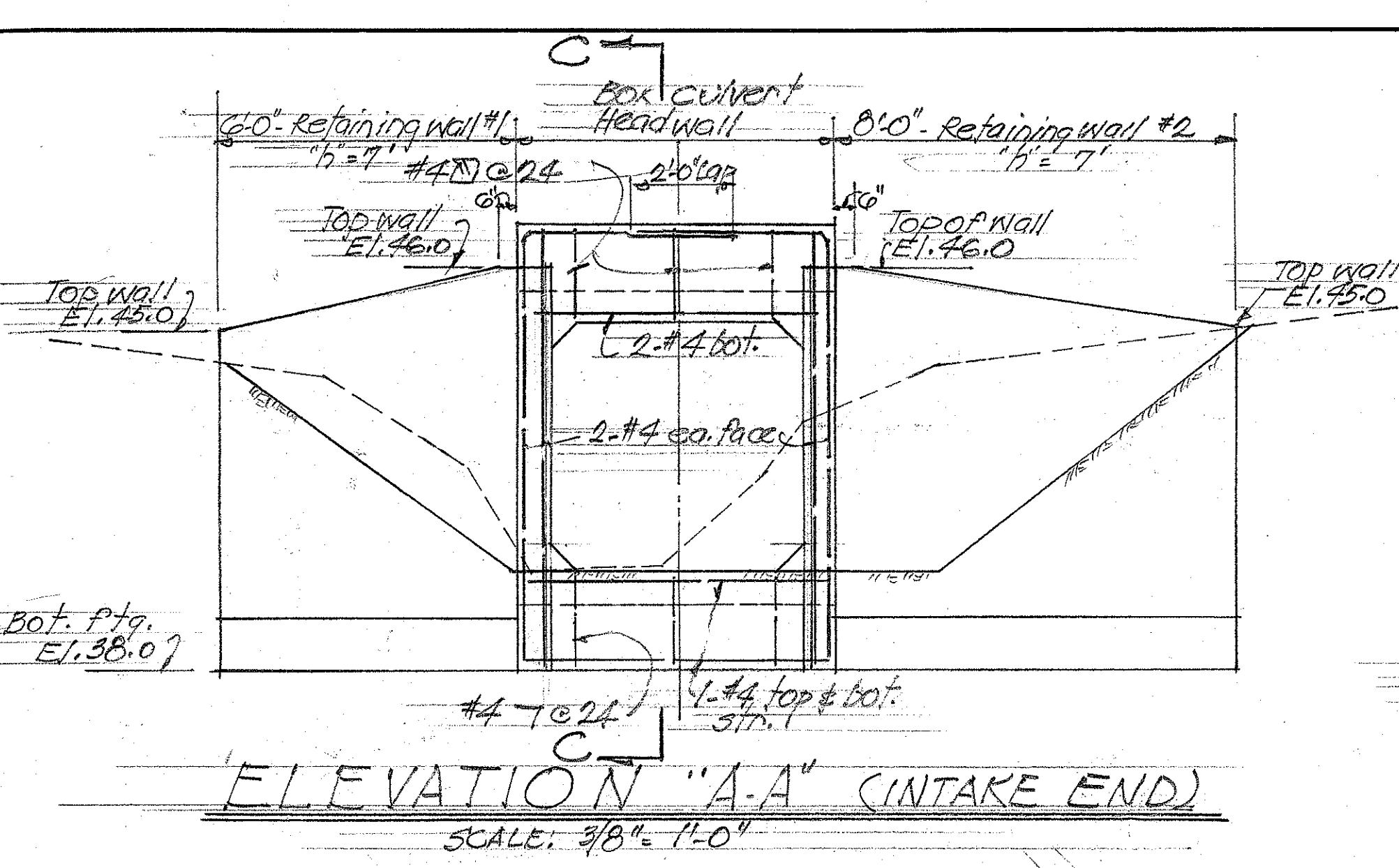
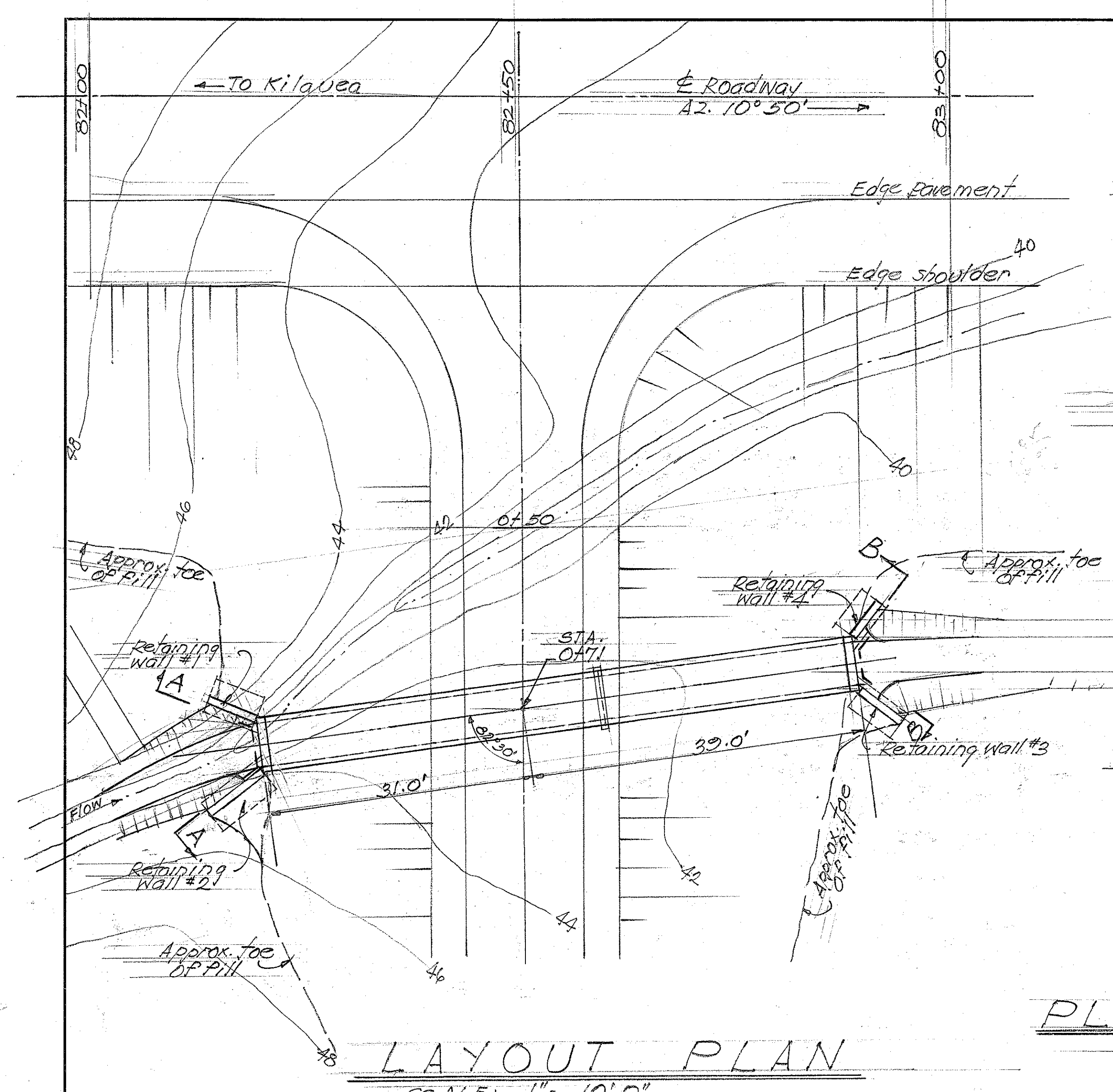




NOTES:
For box culvert & retaining wall reinforcement and details, see corresponding standard drawings.

ESTIMATED QUANTITIES

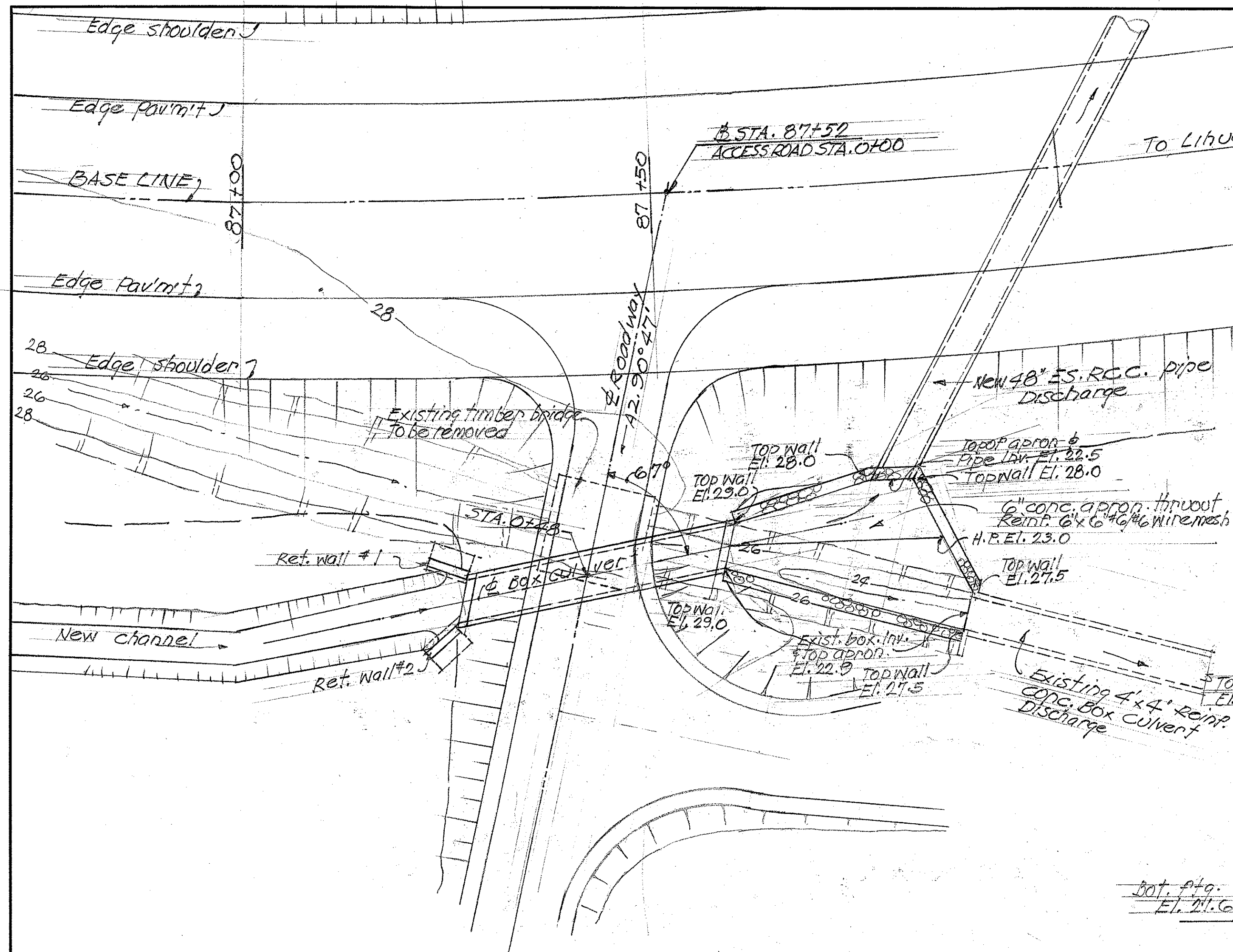
CLASS A-1 CONCRETE	Lump Sum
REINF. STEEL	Lump Sum
STRUCTURAL EXCAVATION	139.2 139.0 c.y.
FILTER MATERIAL	1.0 c.y.

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

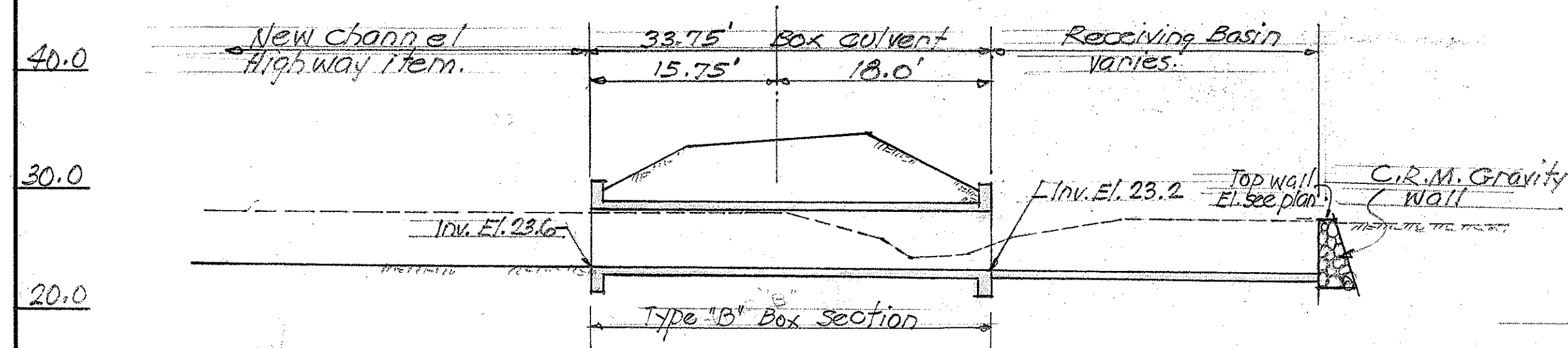
5'-0" x 5'-0" CONC. BOX CULVERT
BASE LINE STA. 82+50
ACCESS RD. STA. 0+71

KAUAI BELT ROAD F-056-1(7)
DECEMBER 1957

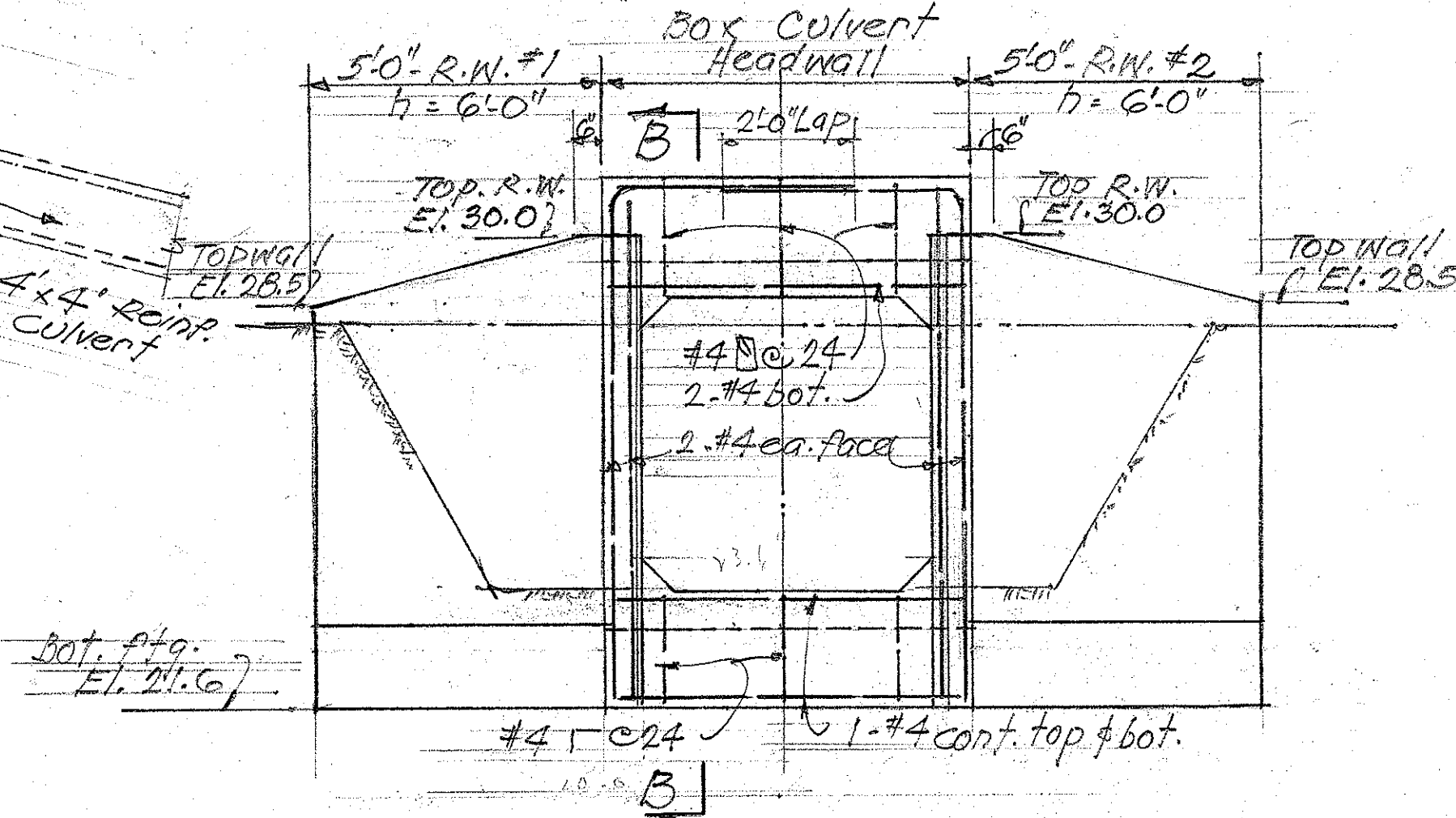
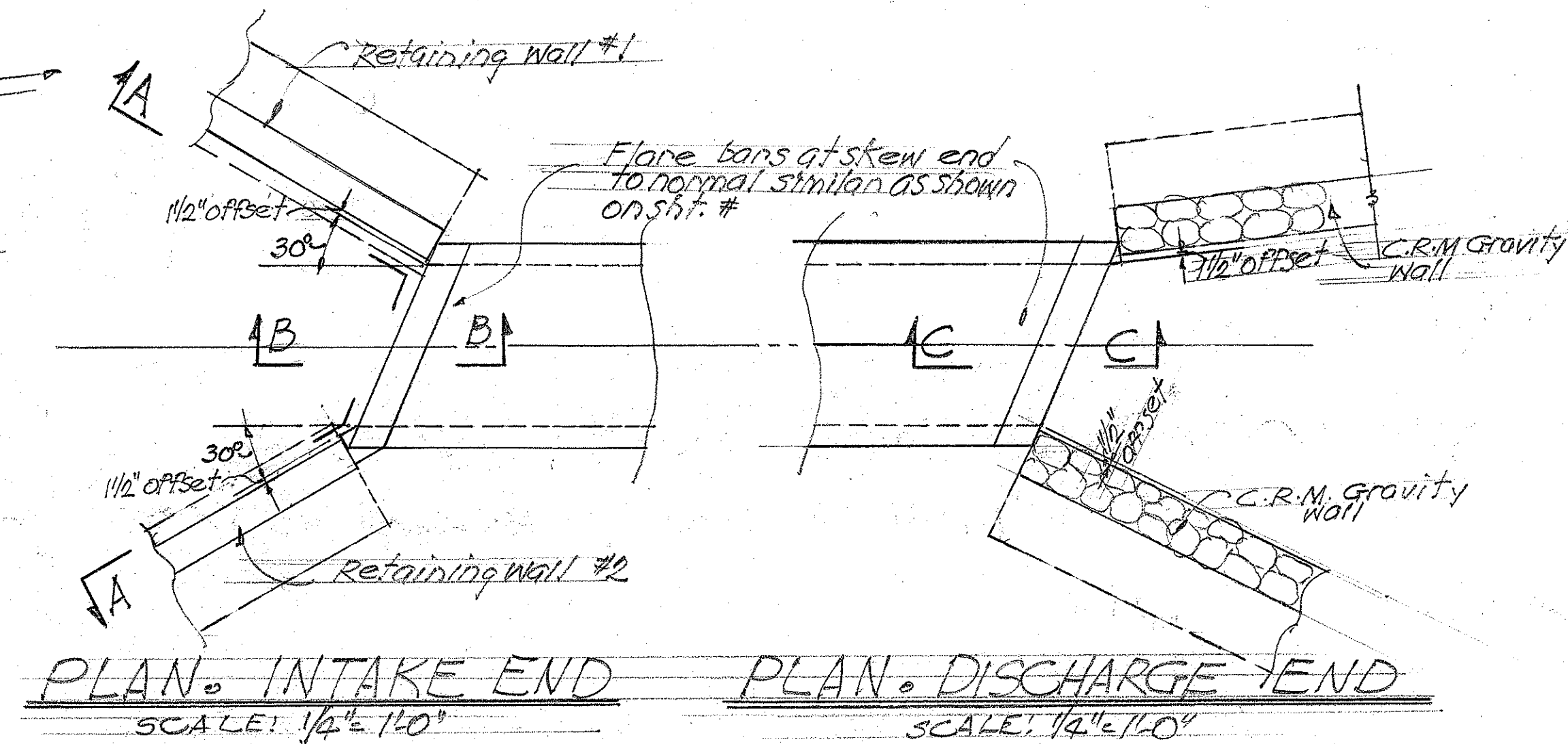
DATE: _____
DESIGNED BY: W.S.D.
DRAWN BY: E.C.
CHECKED BY: G.M.
NOTE BOOK NO. _____



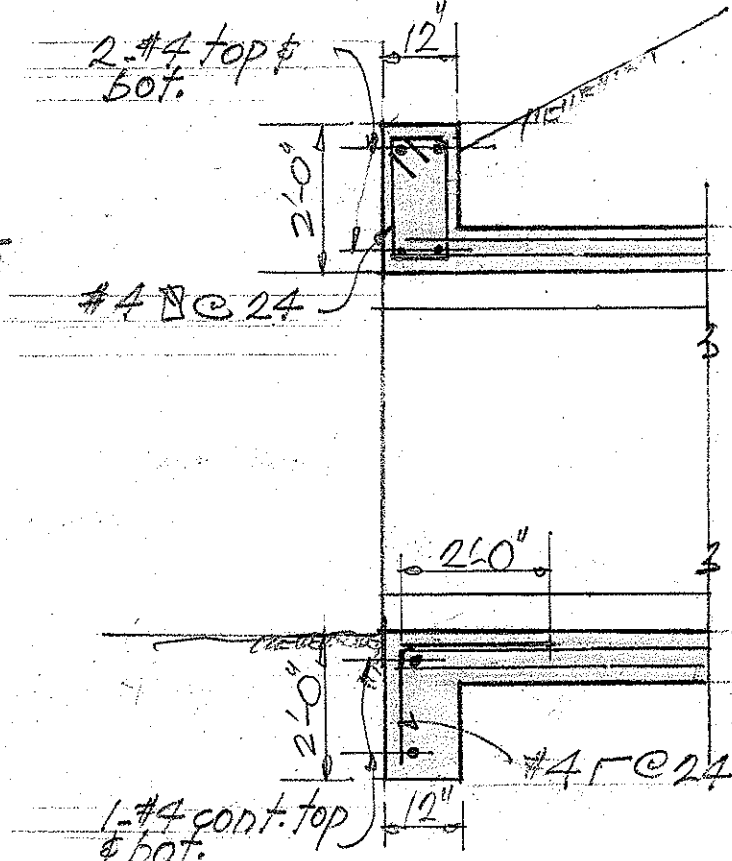
LAYOUT PLAN SCALE: 1"=10'-0"



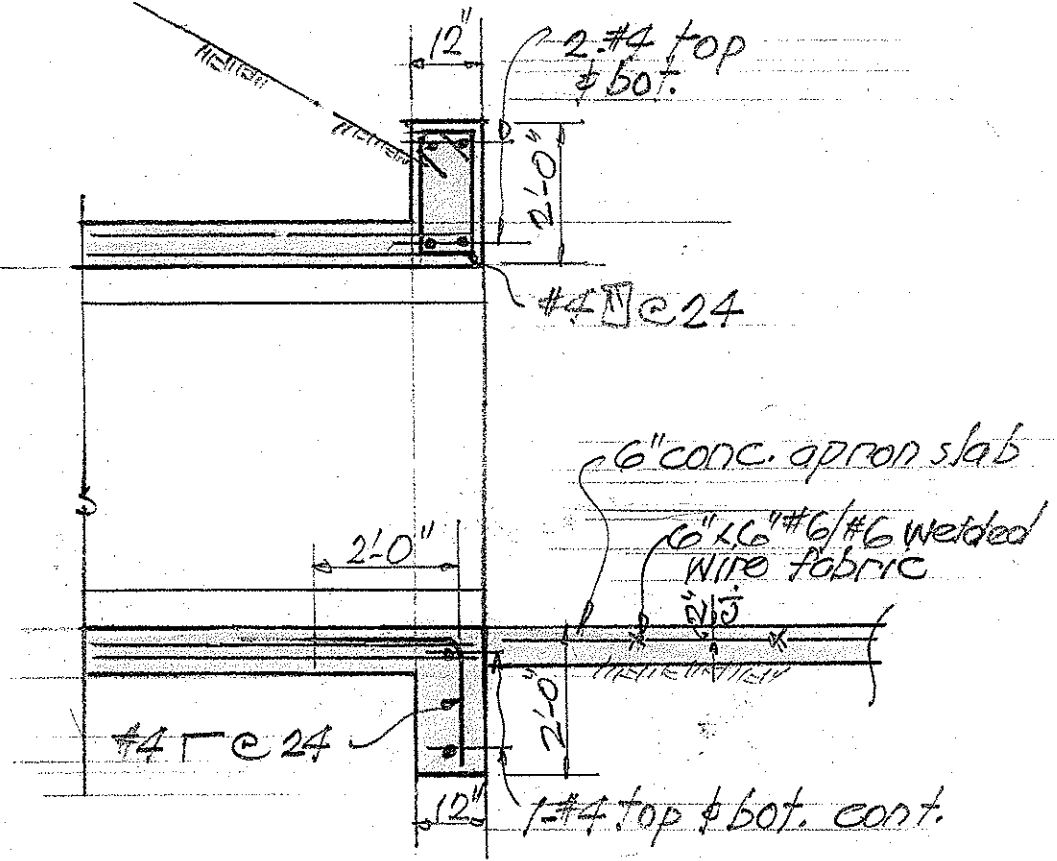
LONGITUDINAL SECTION ALONG & BOX CULVERT



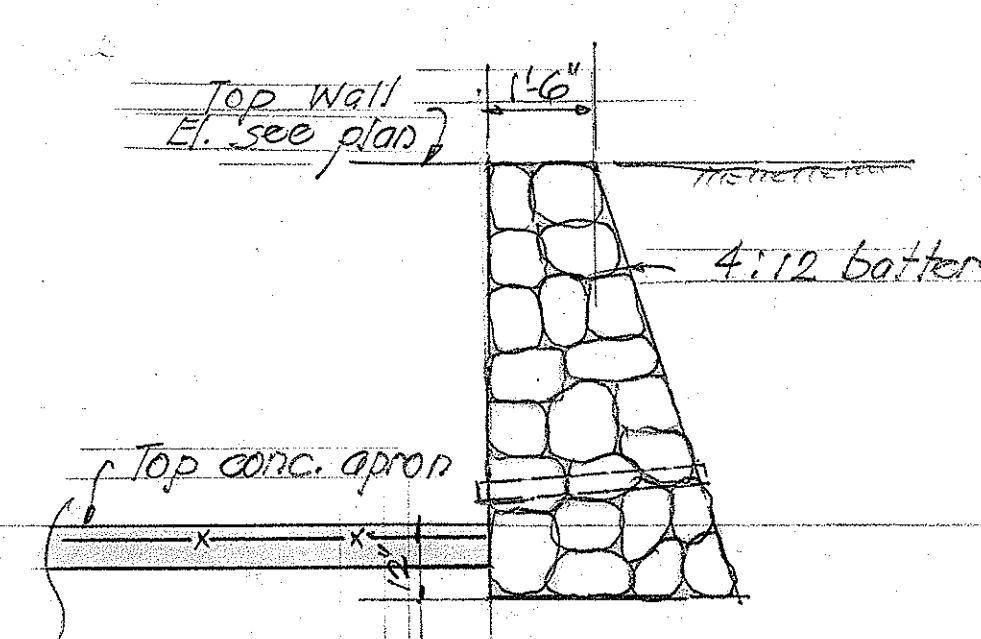
ELEVATION "A-A" (INTAKE END) SCALE: 3/8"=1'-0"



SECTION "B-B" SCALE: 3/8"=1'-0"



SECTION "C-C" SCALE: 3/8"=1'-0"



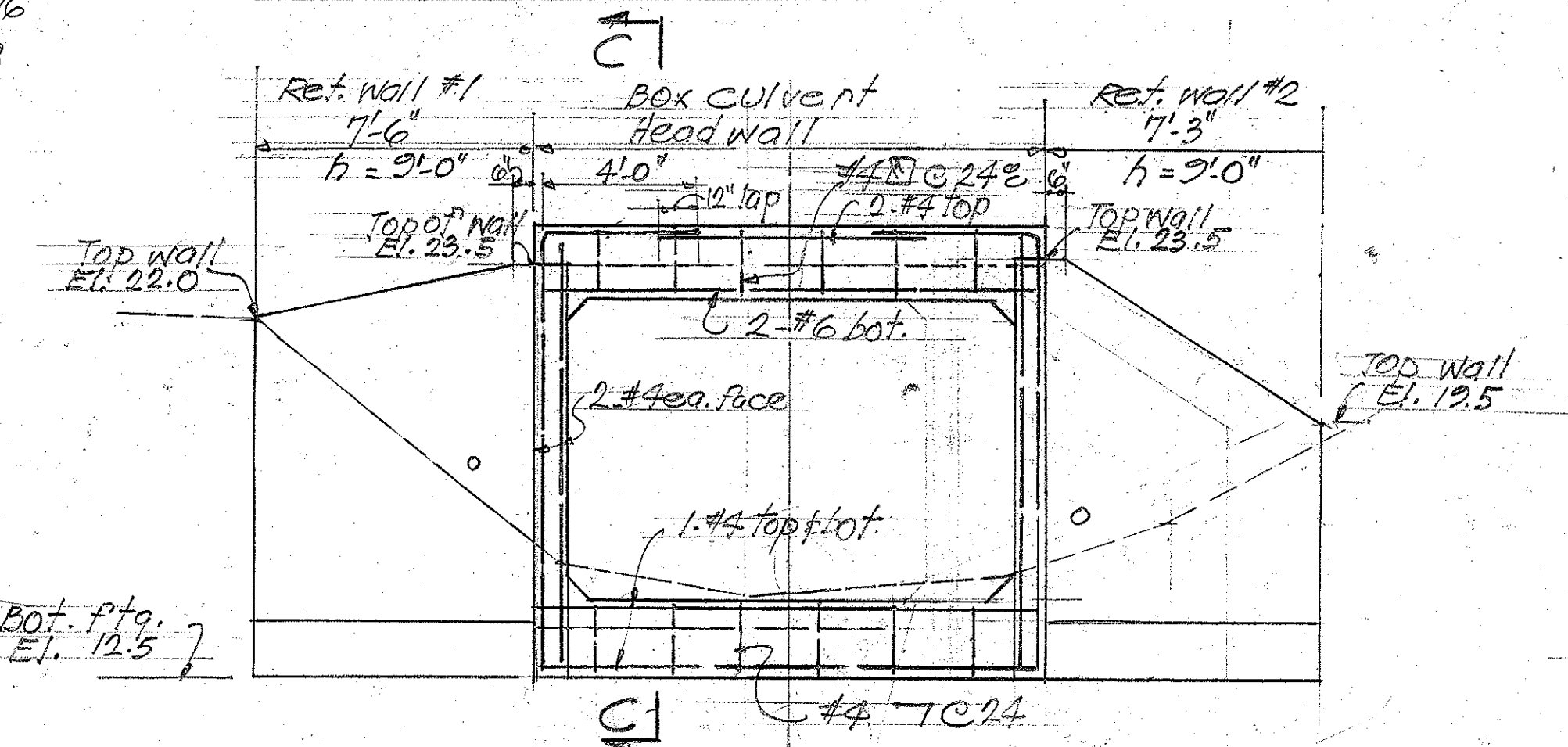
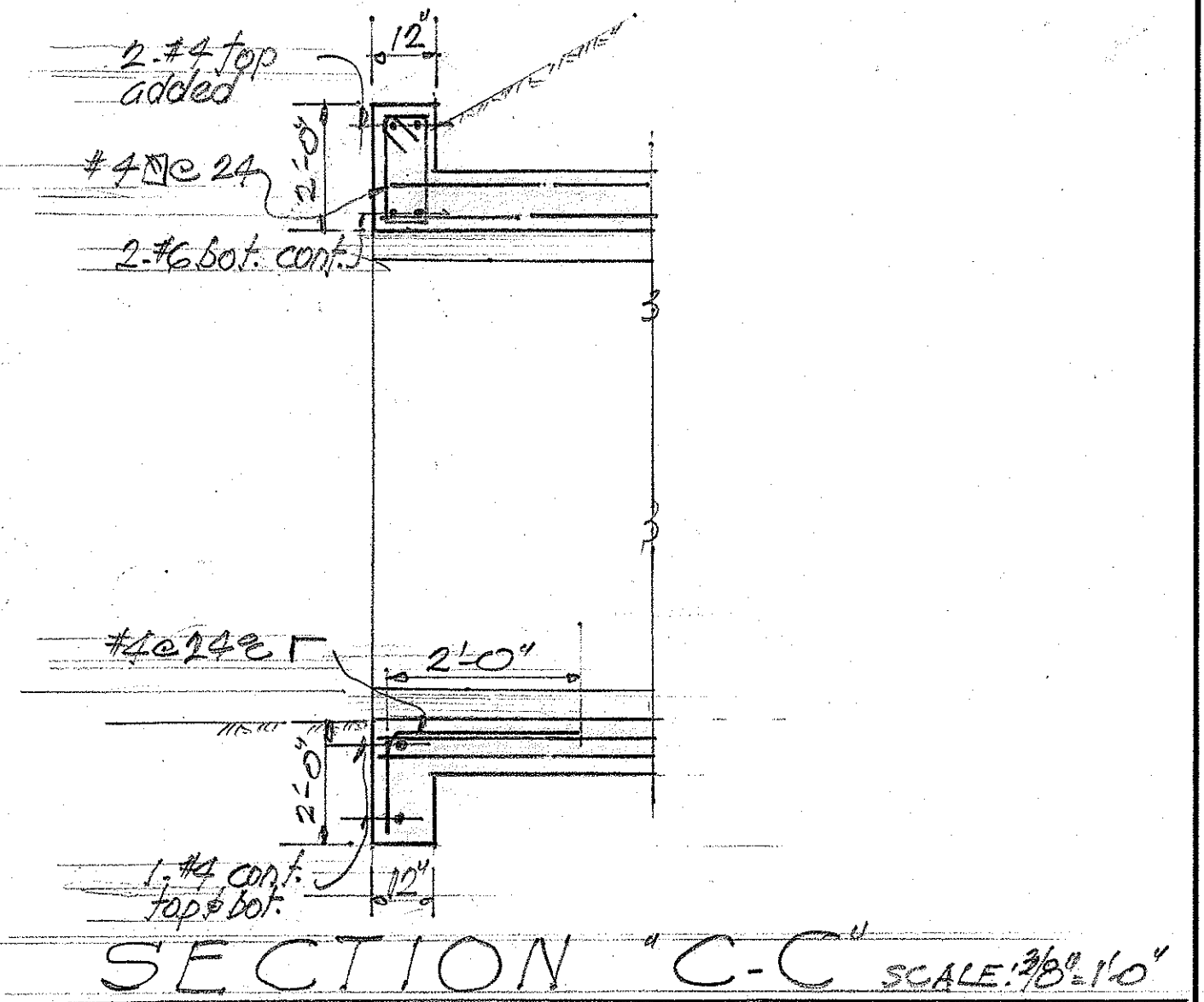
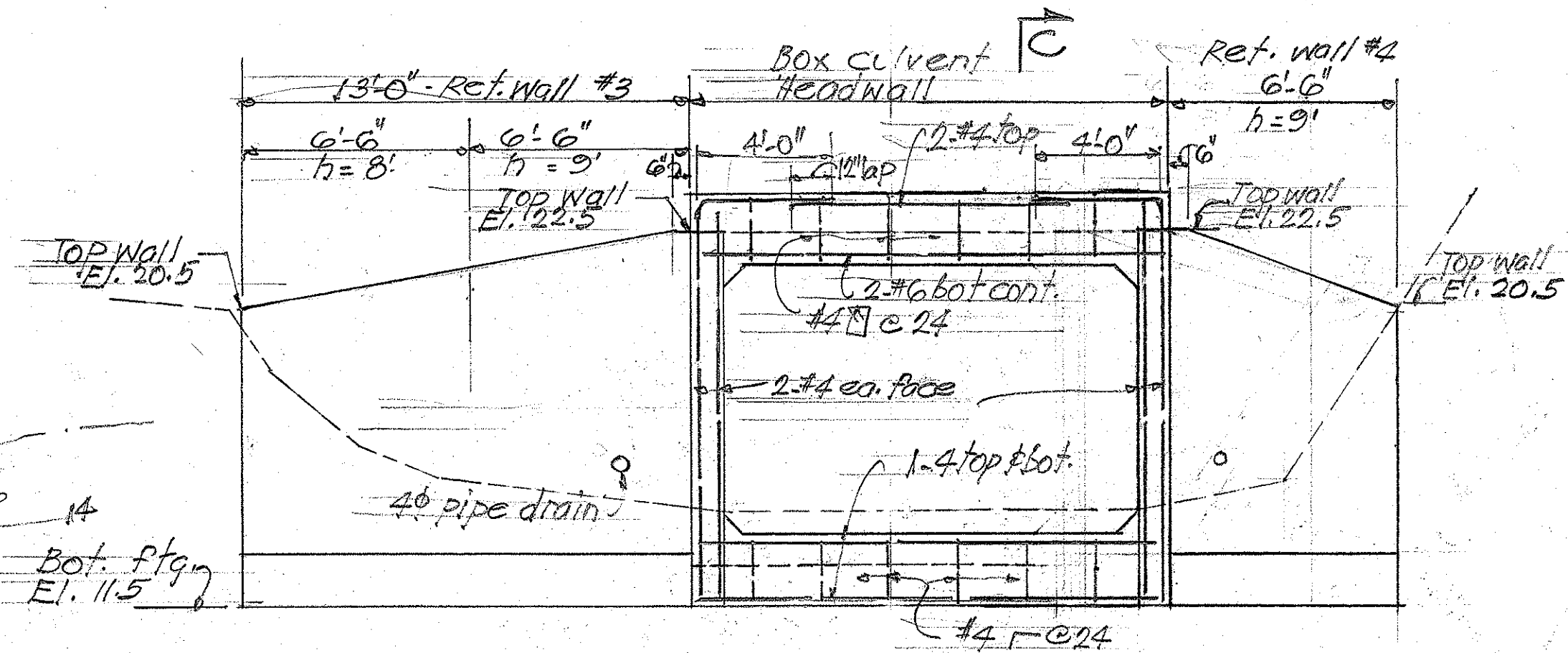
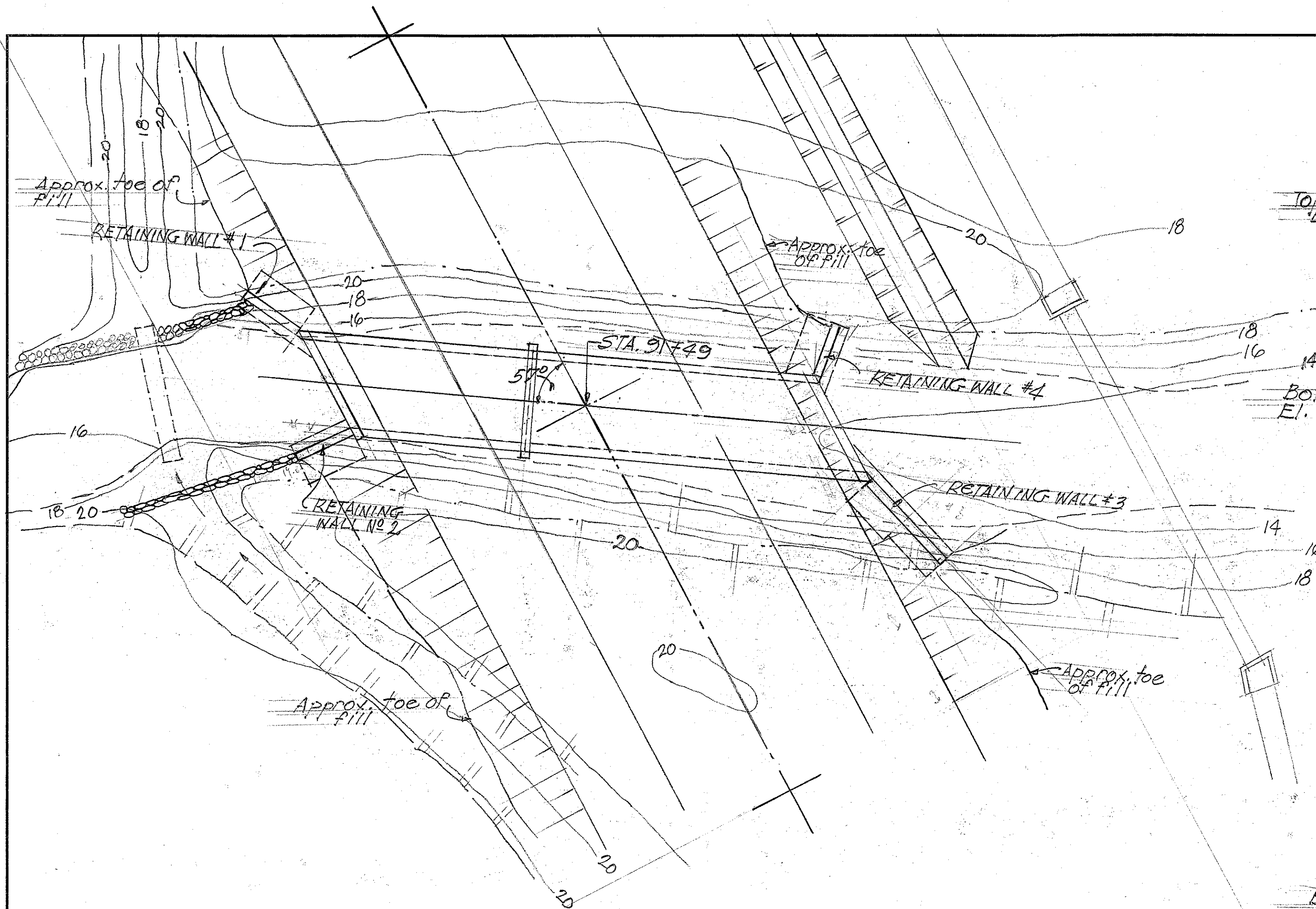
TYPICAL SECTION C.R.M. WALL (RECEIVING BASIN) SCALE: 3/8"=1'-0"

NOTES: For Box culvert & retaining wall reinforcement and details, see corresponding standard.

ESTIMATED QUANTITIES

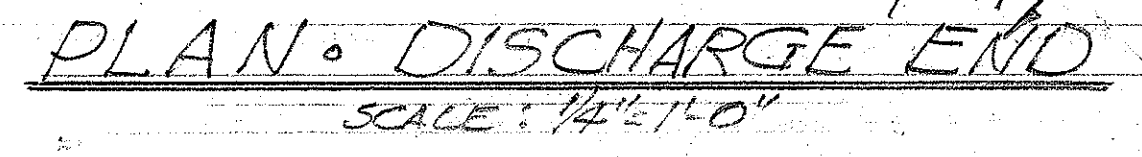
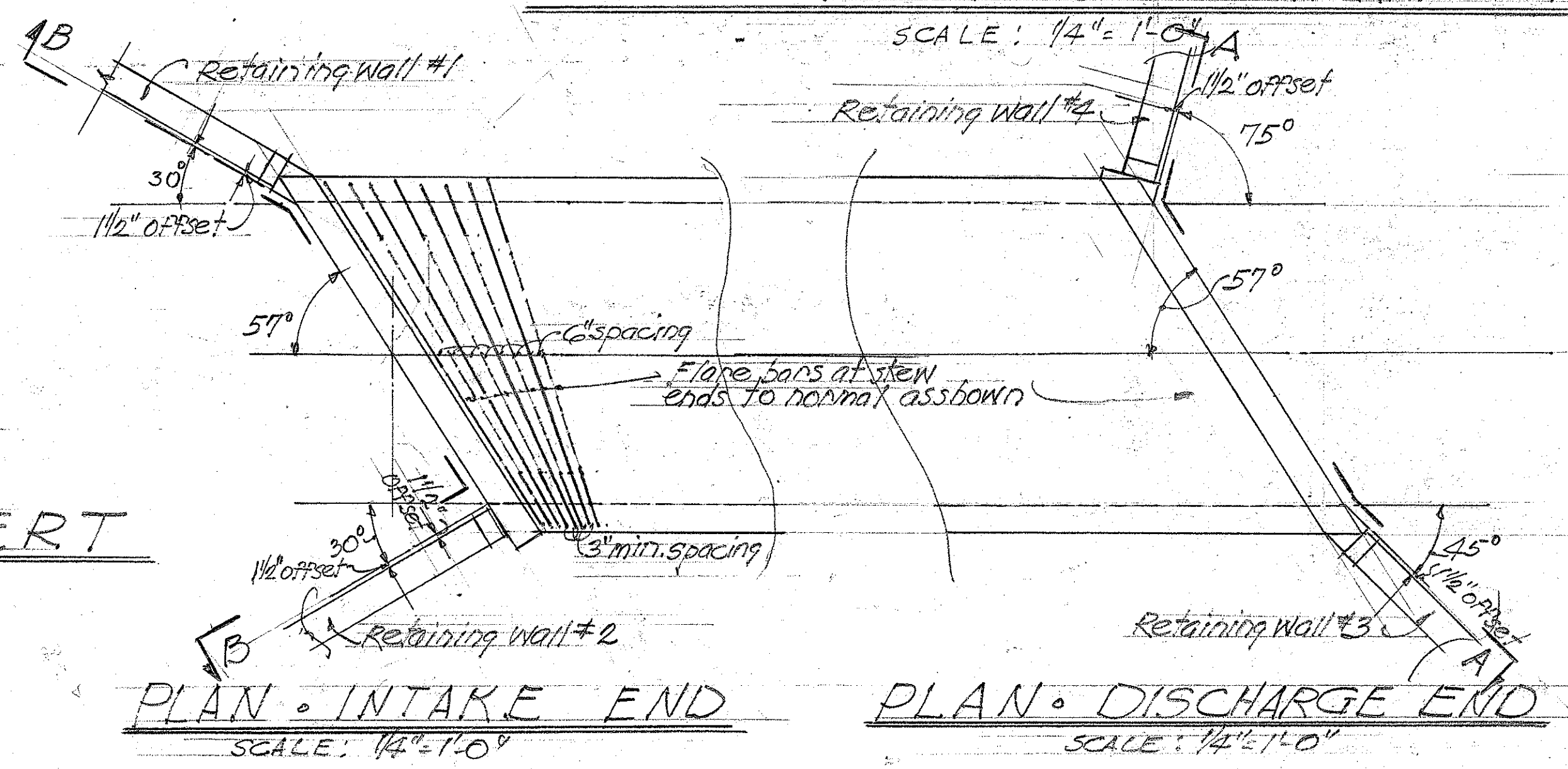
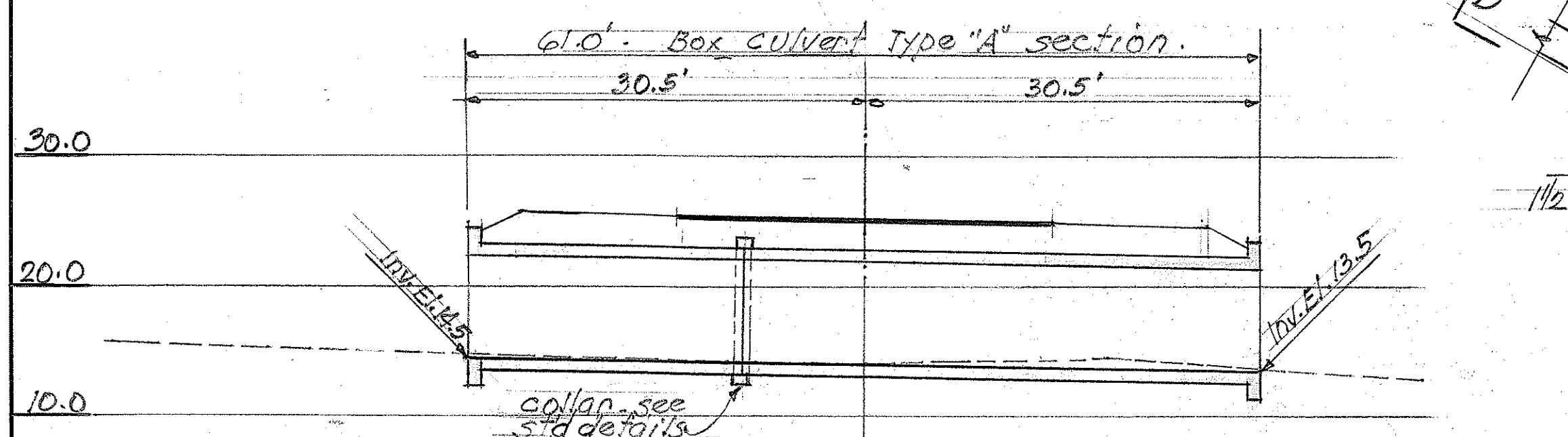
CLASS "A-1" CONCRETE	Lump sum
REINFORCING STEEL	Lump sum
STRUCTURAL EXCAVATION	175.6 + 175.0 c.y.
CEMENT RUBBLE MASONRY	40.0 c.y.

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
5'-0" x 5'-0" BOX CULVERT
B. STA. 87+52
ACCESS ROAD STA. 0+48
KAUAI BELT ROAD LF-056-1(C)
DECEMBER 1957



ESTIMATED QUANTITIES

CLASS A-1 CONCRETE	- Lump Sum
REINF. STEEL	- Lump Sum
STRUCTURAL EXC.	- 24.3 30.0 c.y.
FILTER MATERIAL	- 11.0 10.0 c.y.
CEMENT RUBBLE MASONRY	- 9.73 c.y.



NOTES:

For box culvert & retaining wall reinforcement and details, see corresponding standard drawings.

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

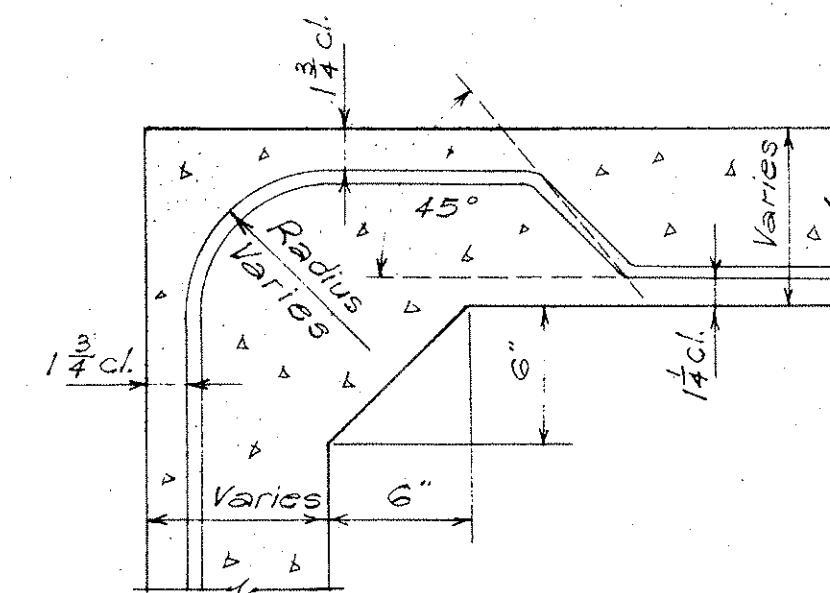
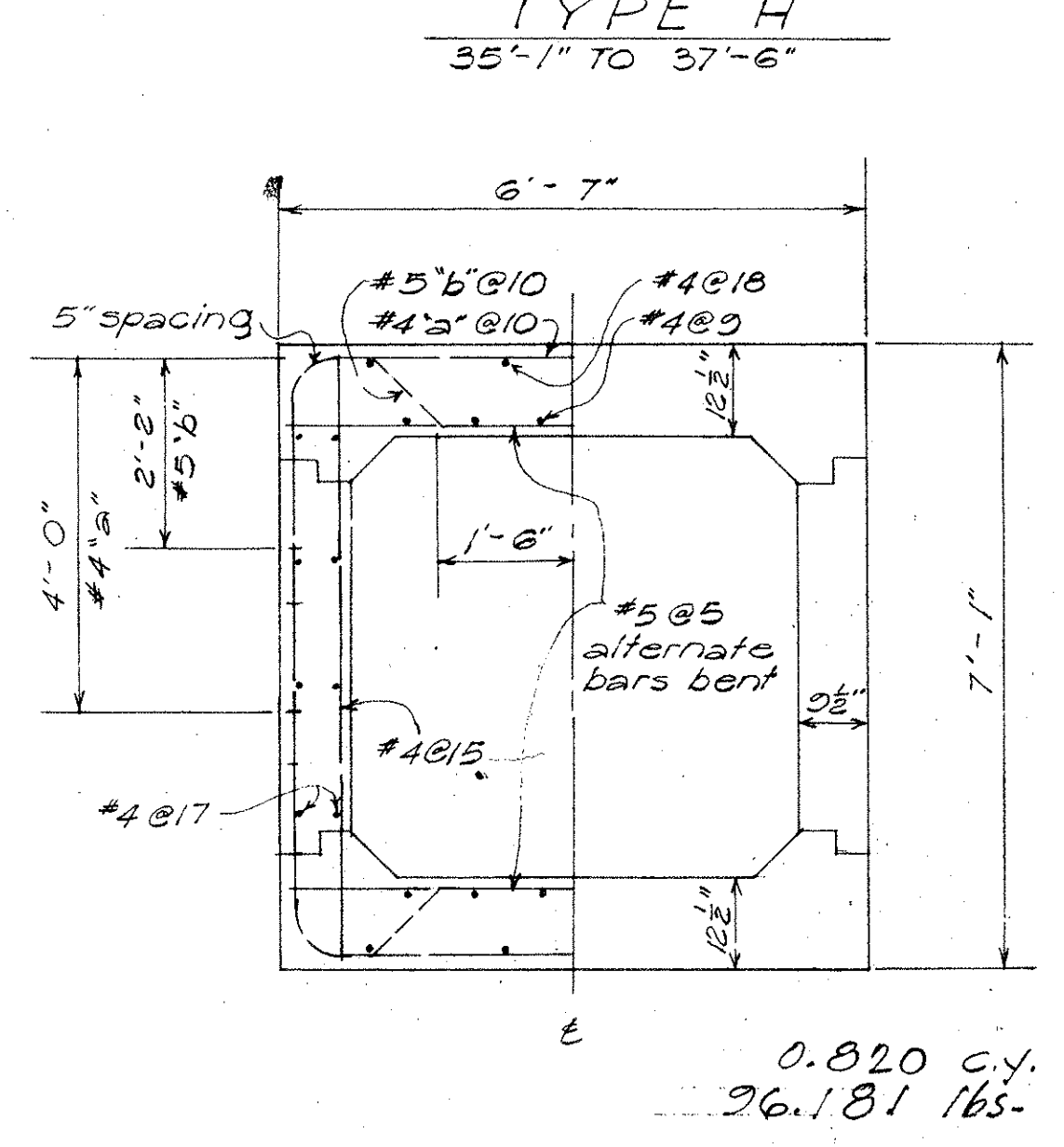
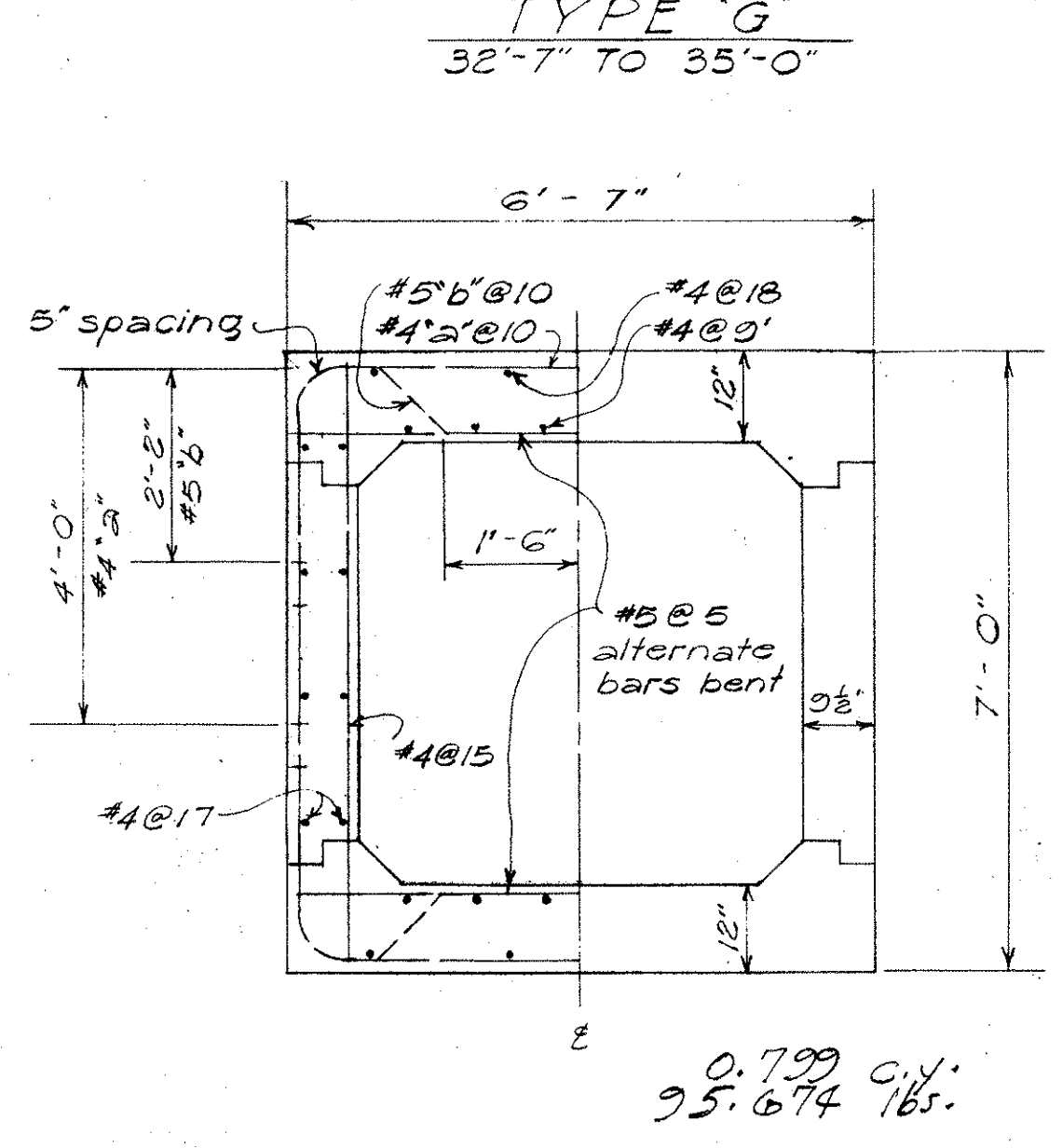
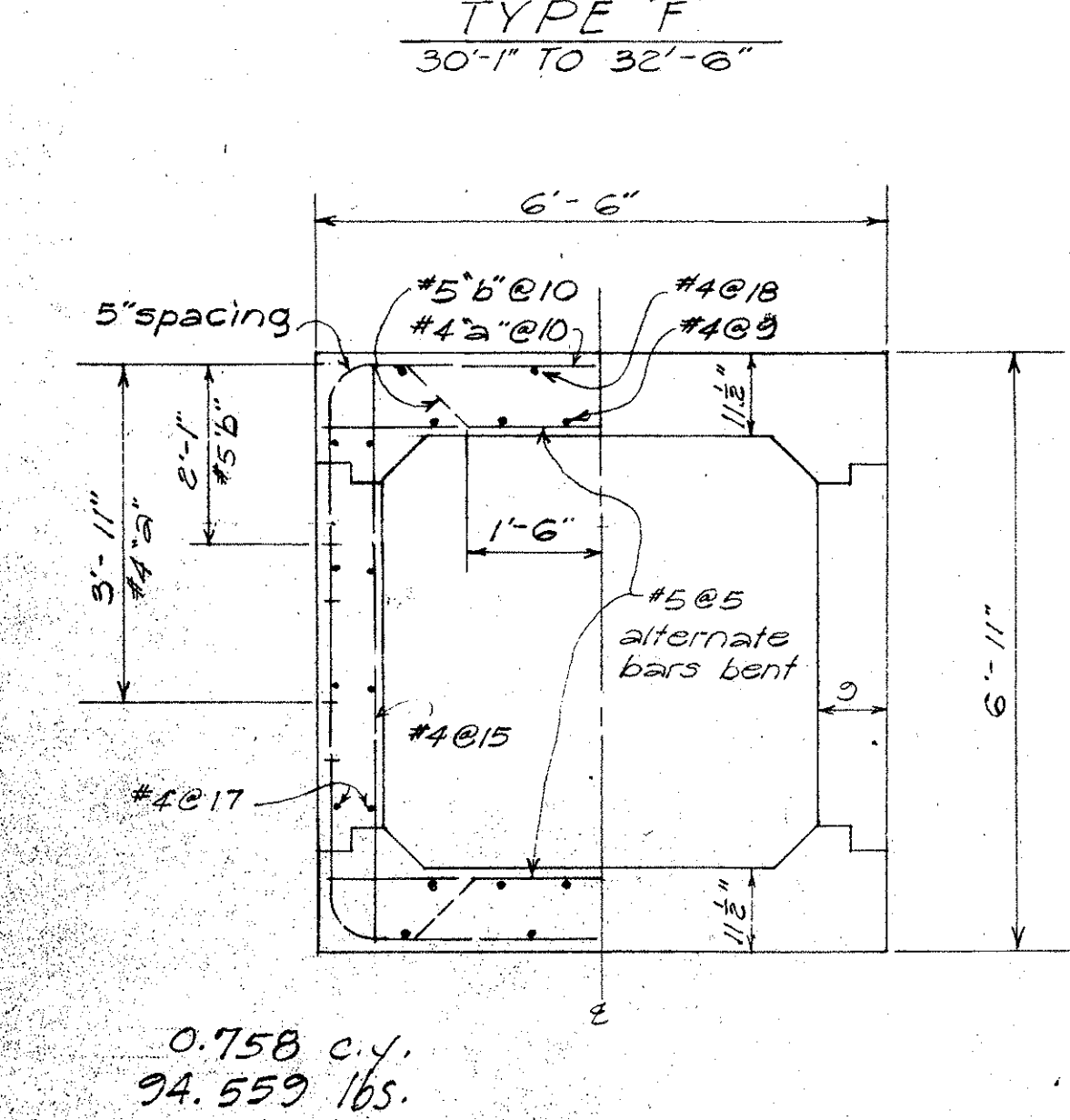
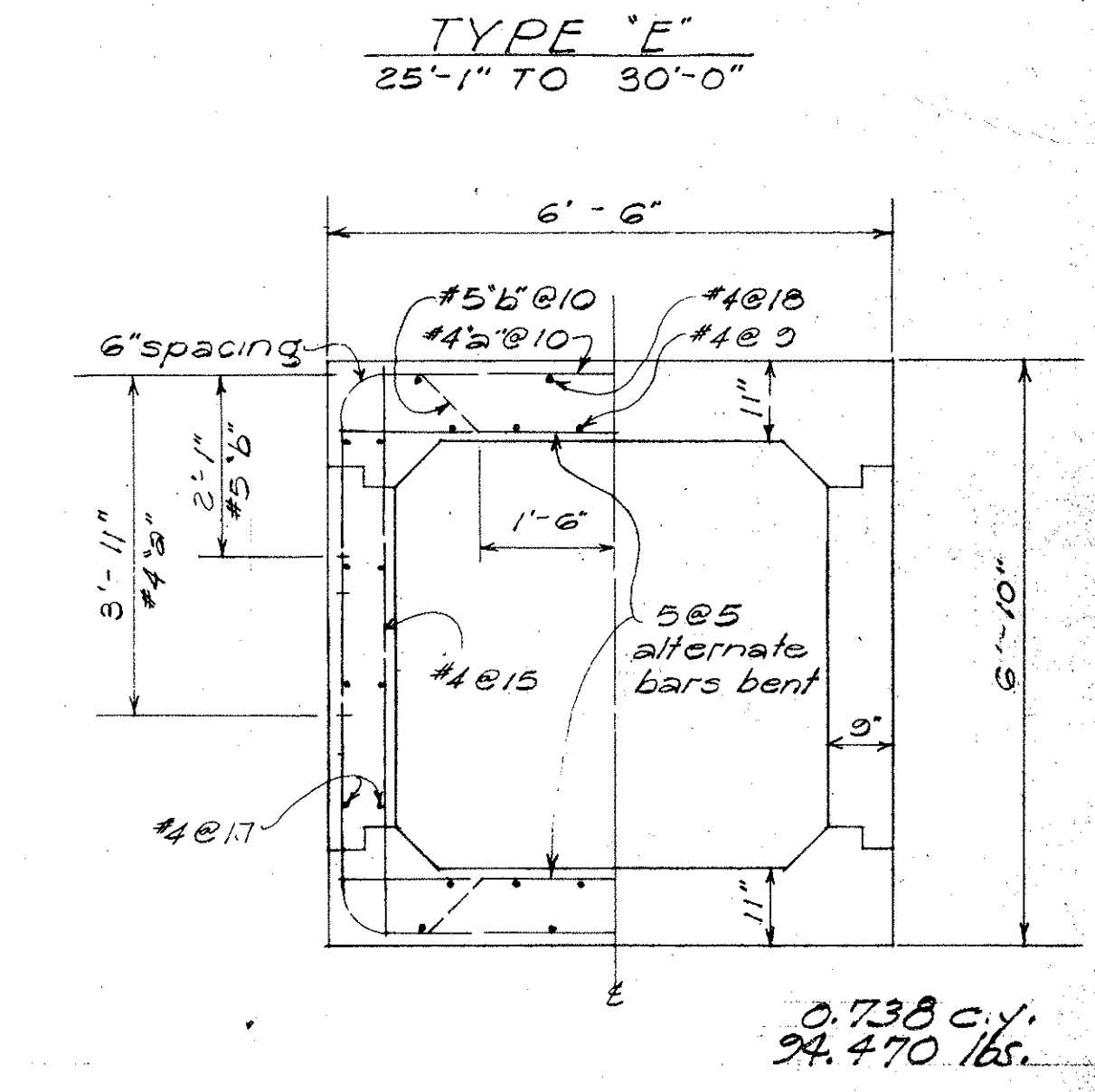
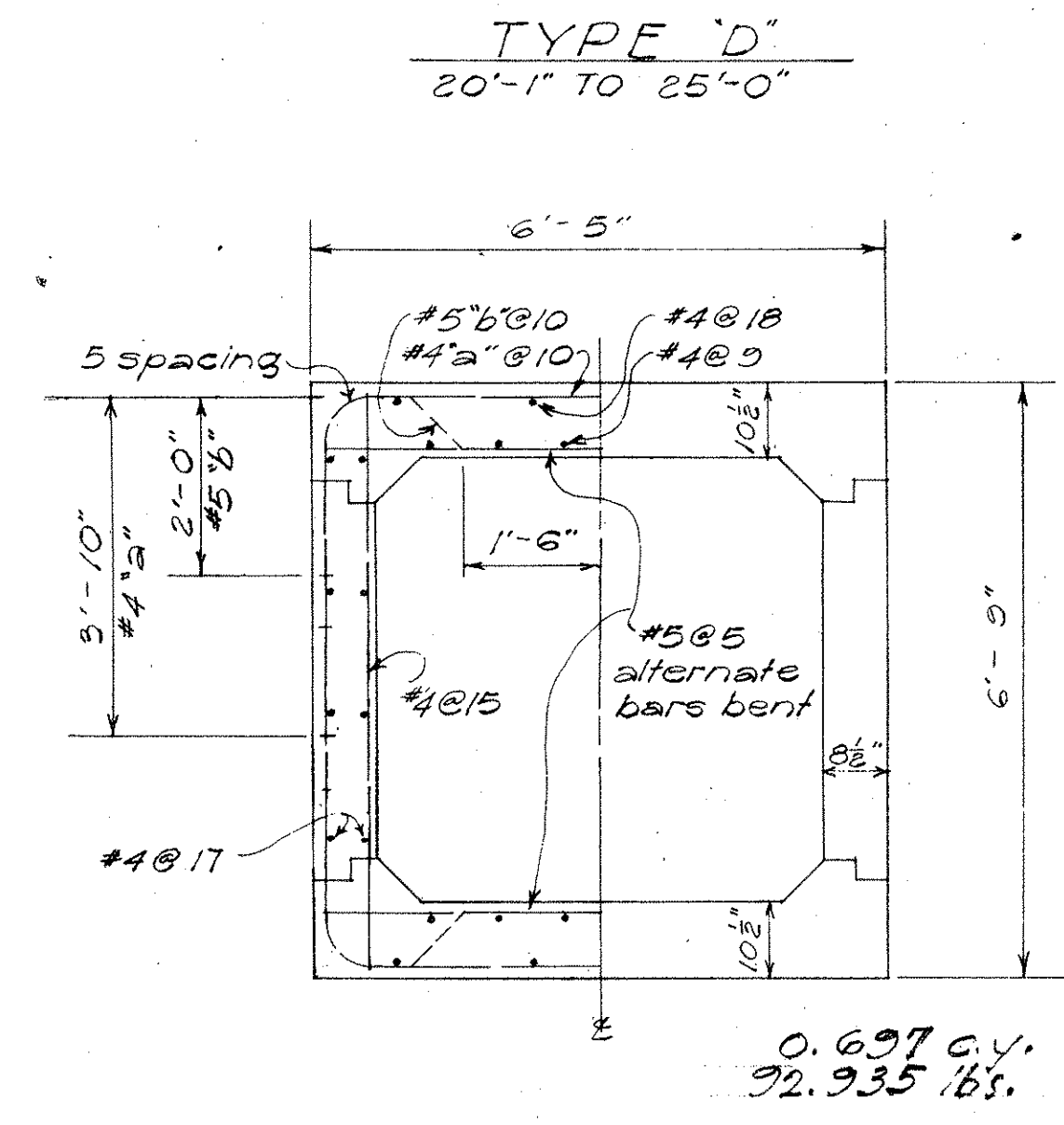
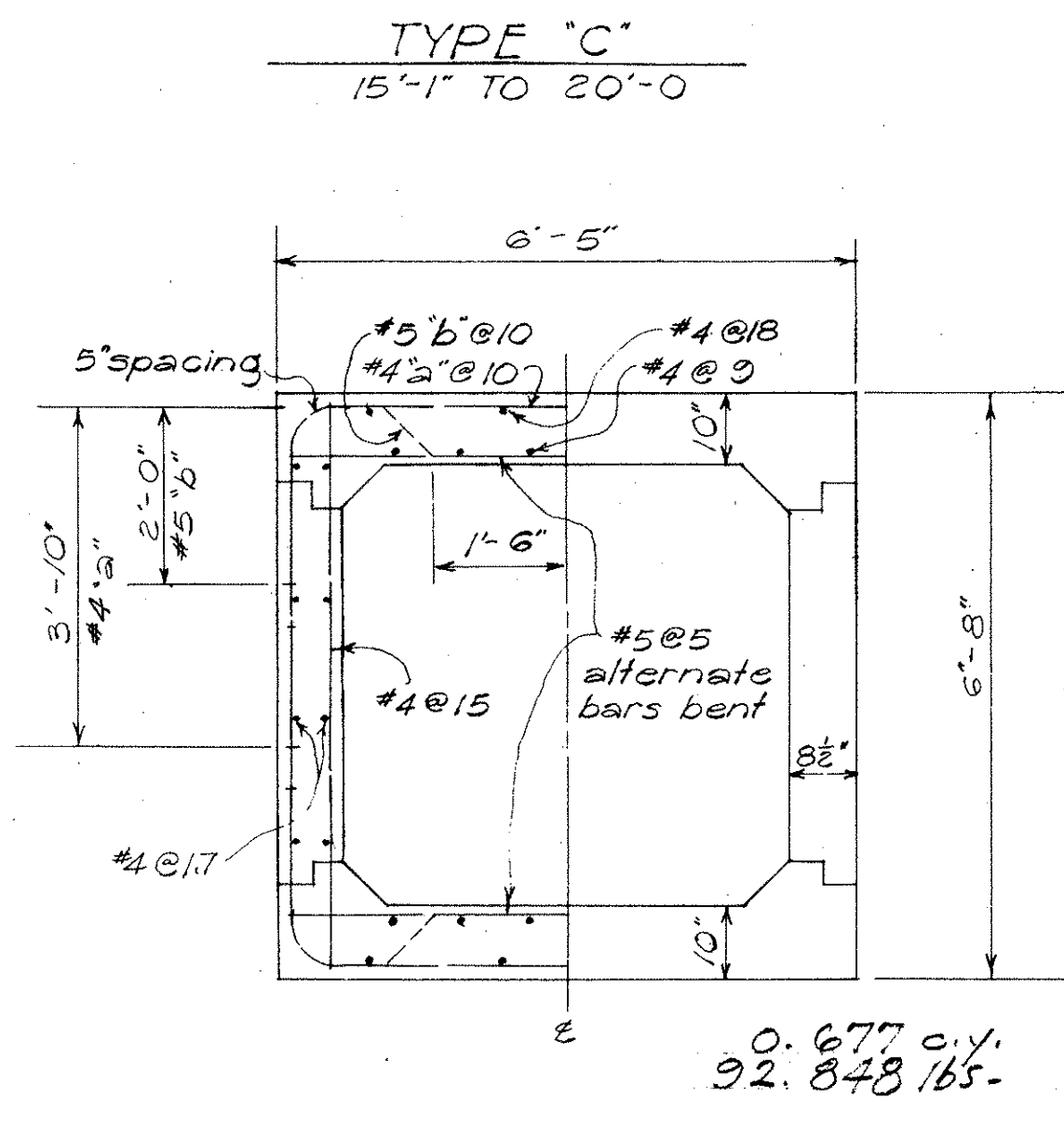
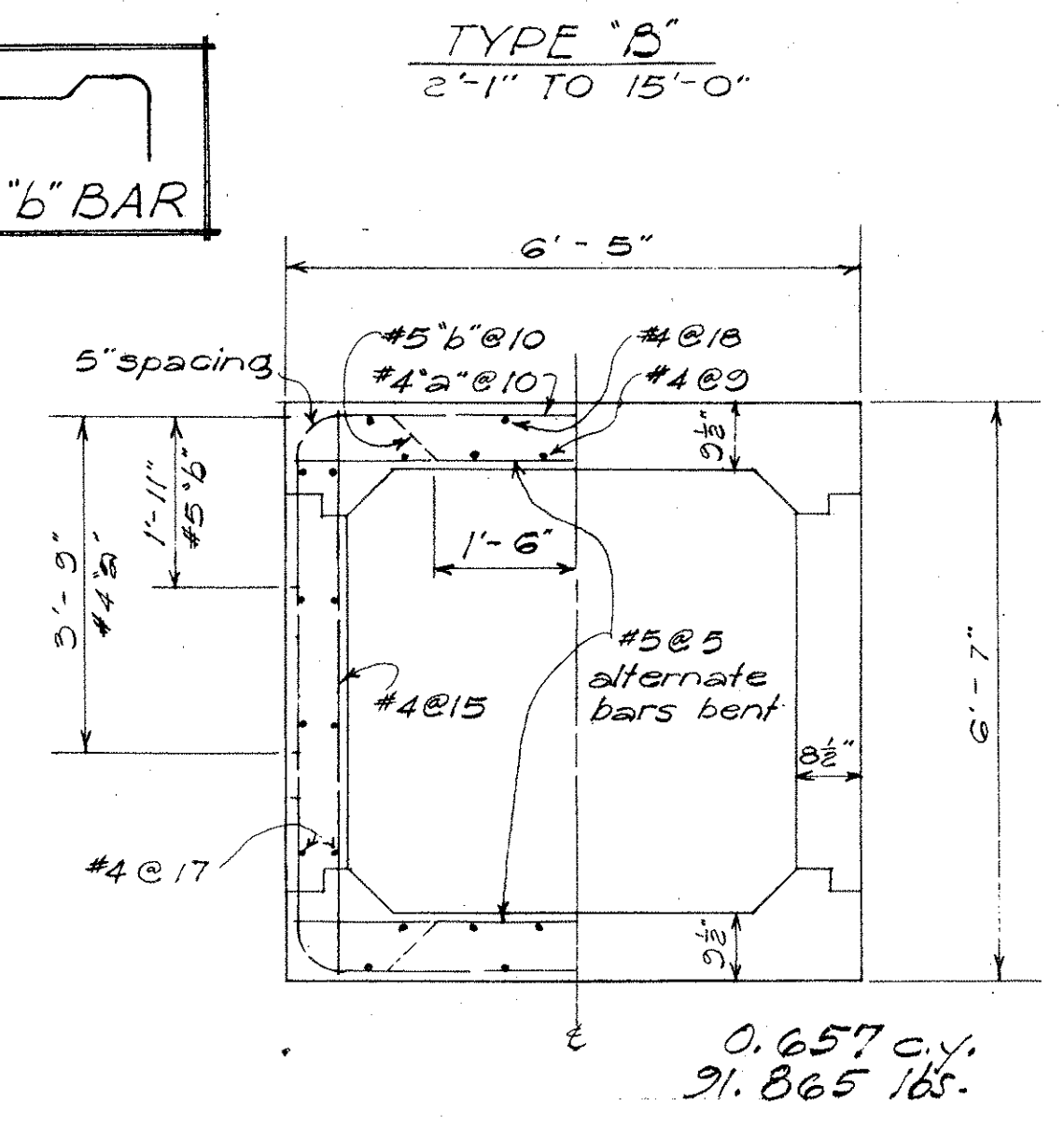
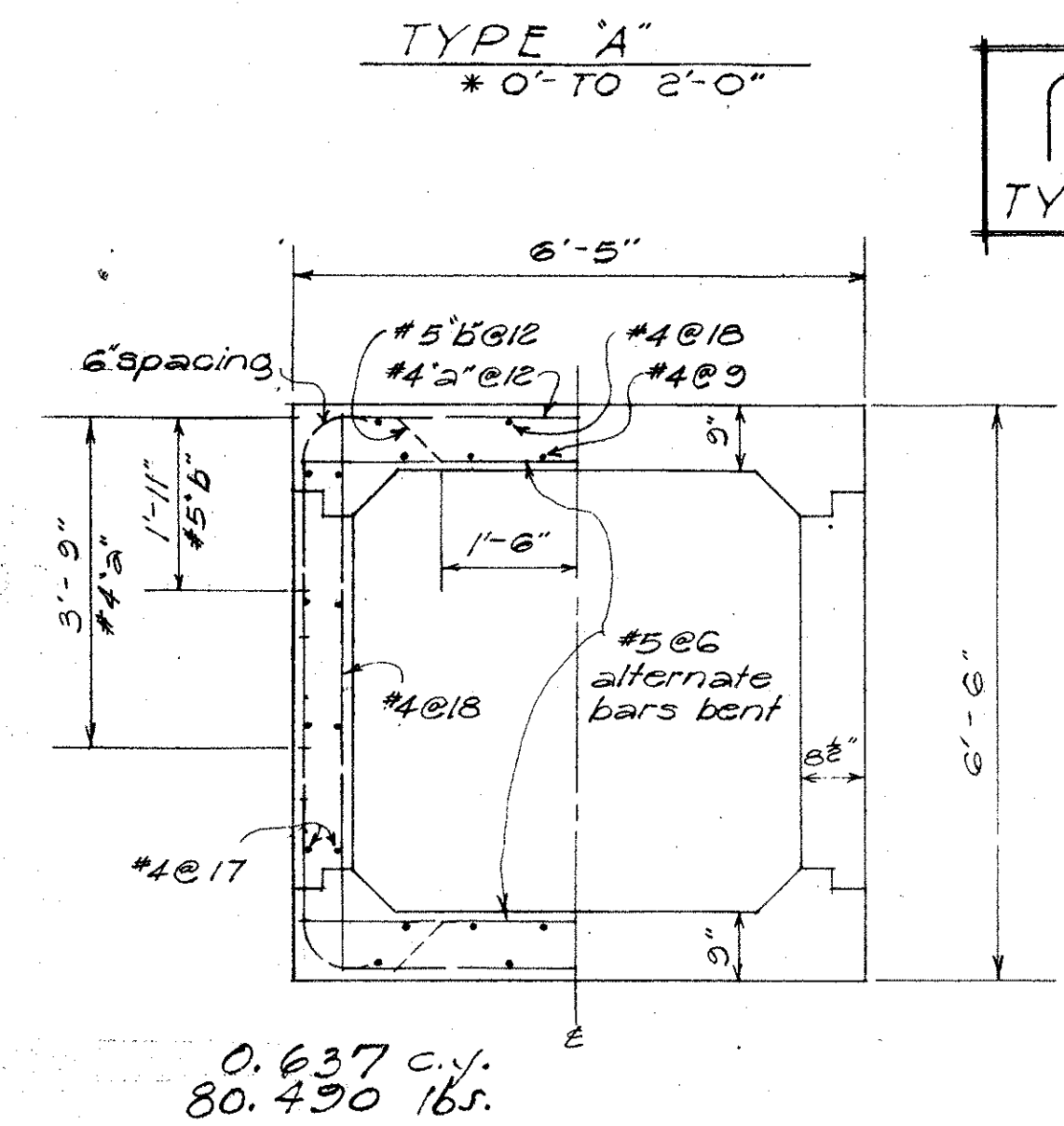
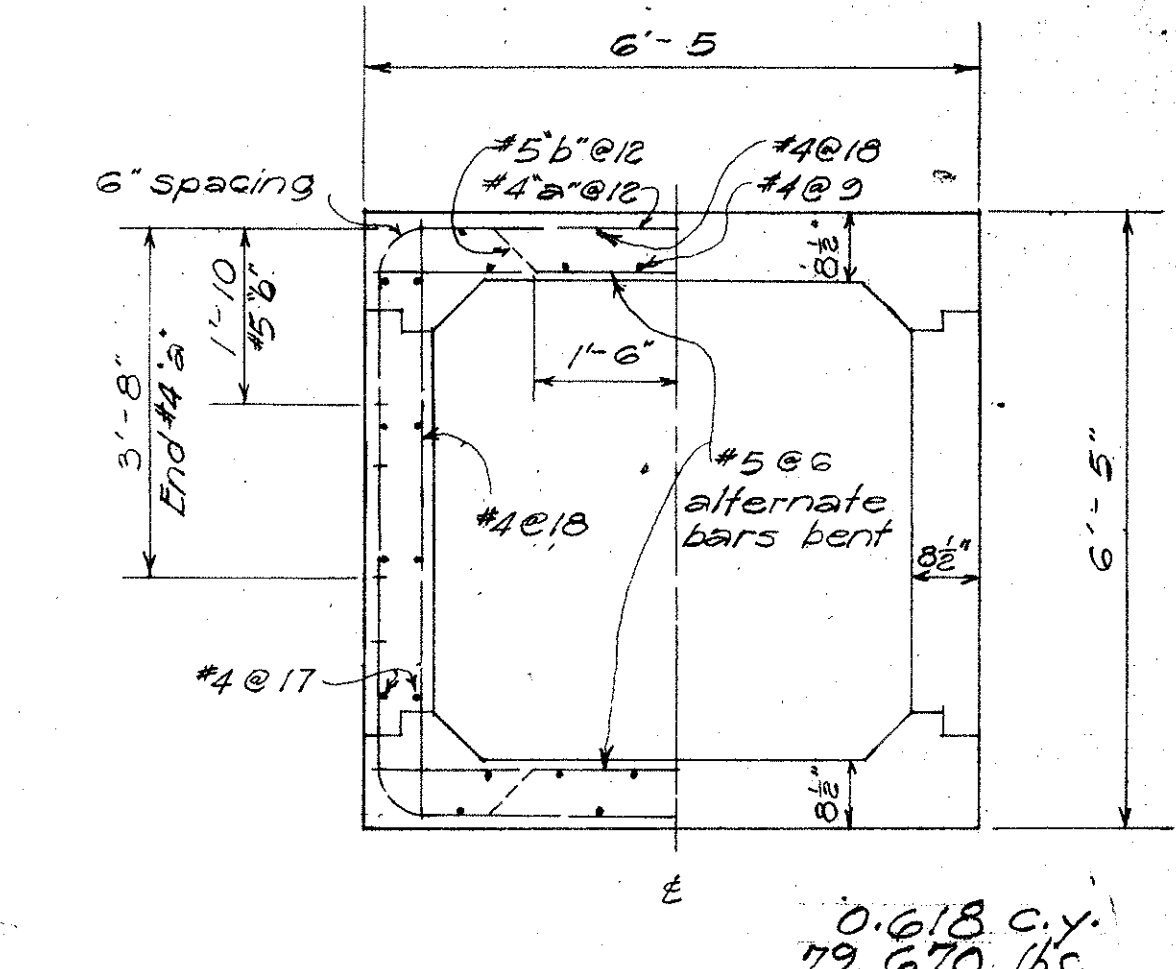
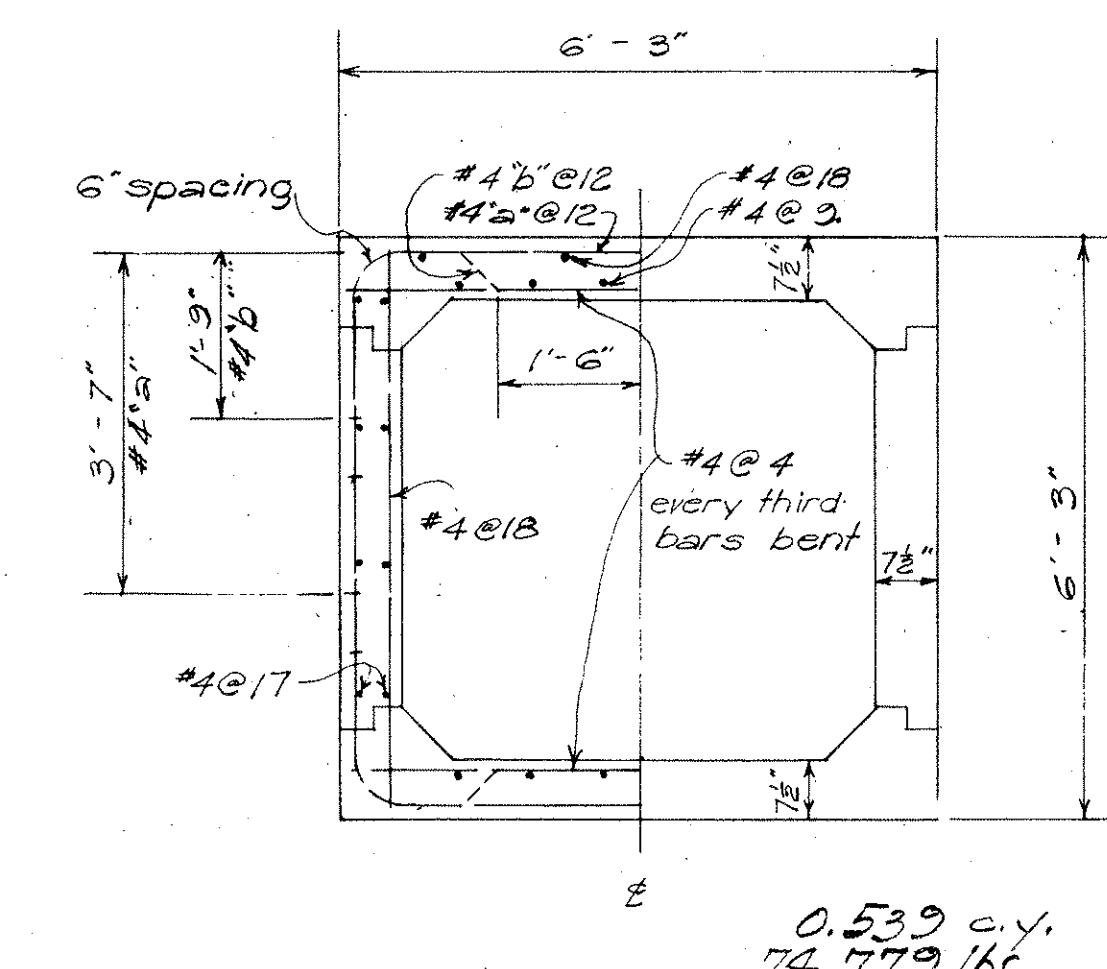
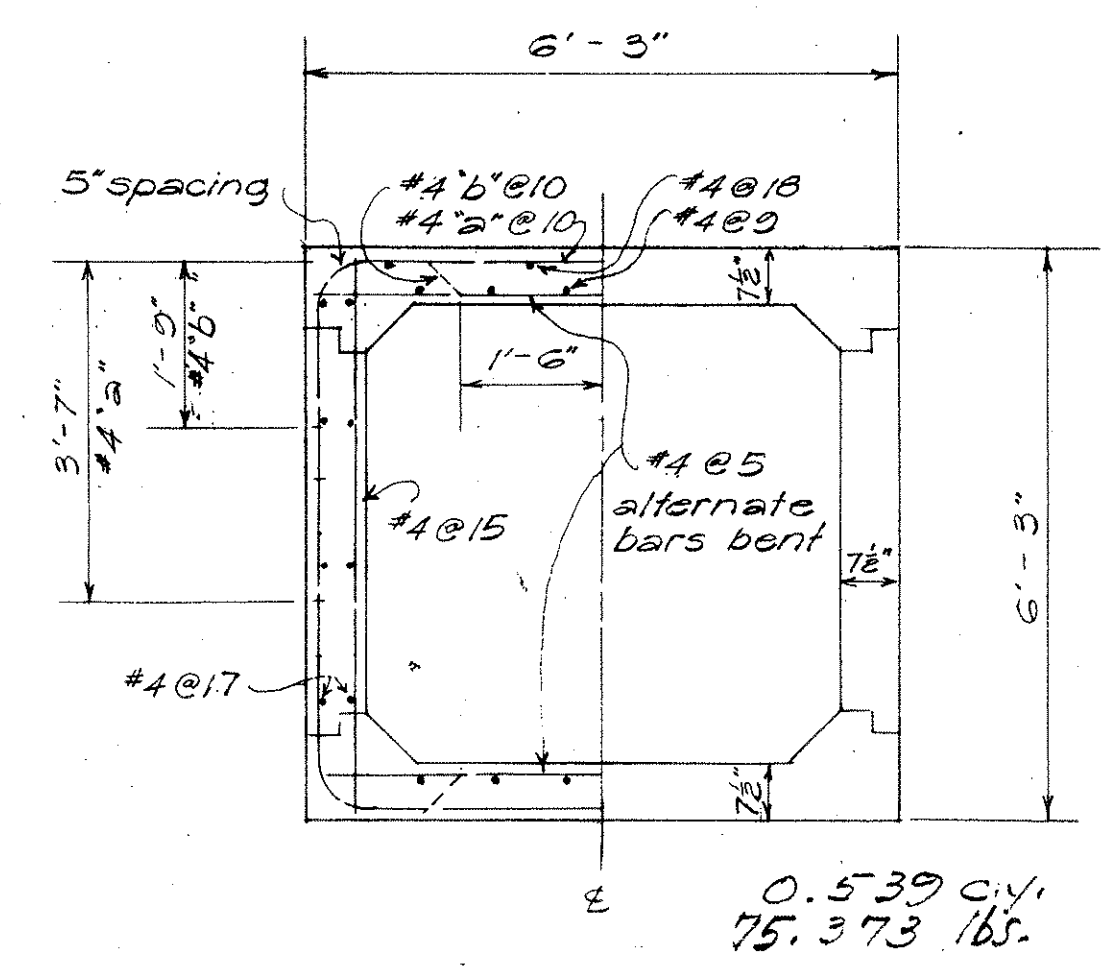
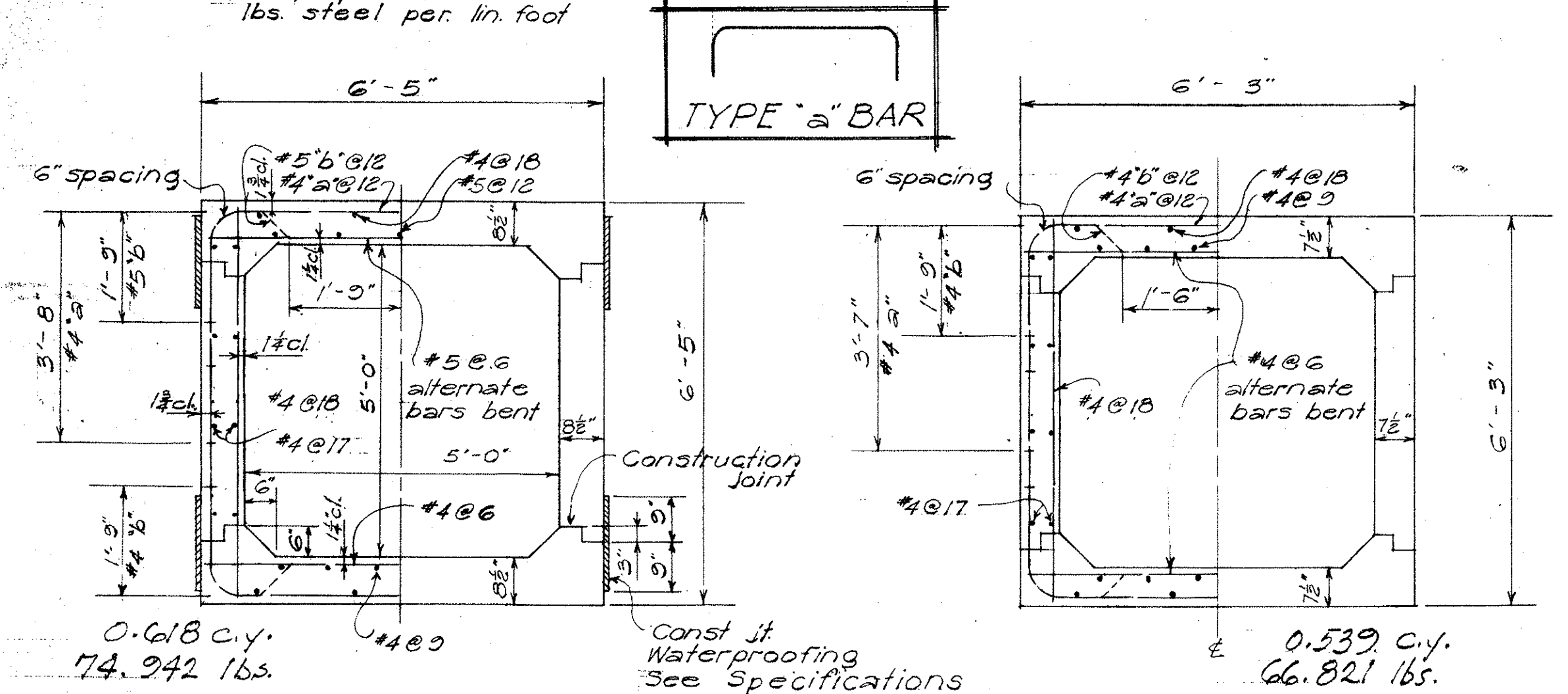
10'0" x 8'0" CONC. BOX CULVERT
STA. 91+49

KAUAI BELT ROAD F-056-1(7)

DECEMBER 1957

SURVEY PLOTTED BY: W.R.B.
DESIGNED BY: F.C.
DRAWN BY: F.C.
CHECKED BY: G.H.C.
NOTE BOOK NO. 1

NOTE:
 * Fill height above top of slab
 ** cu. yd. per lin. foot
 lbs. steel per lin. foot

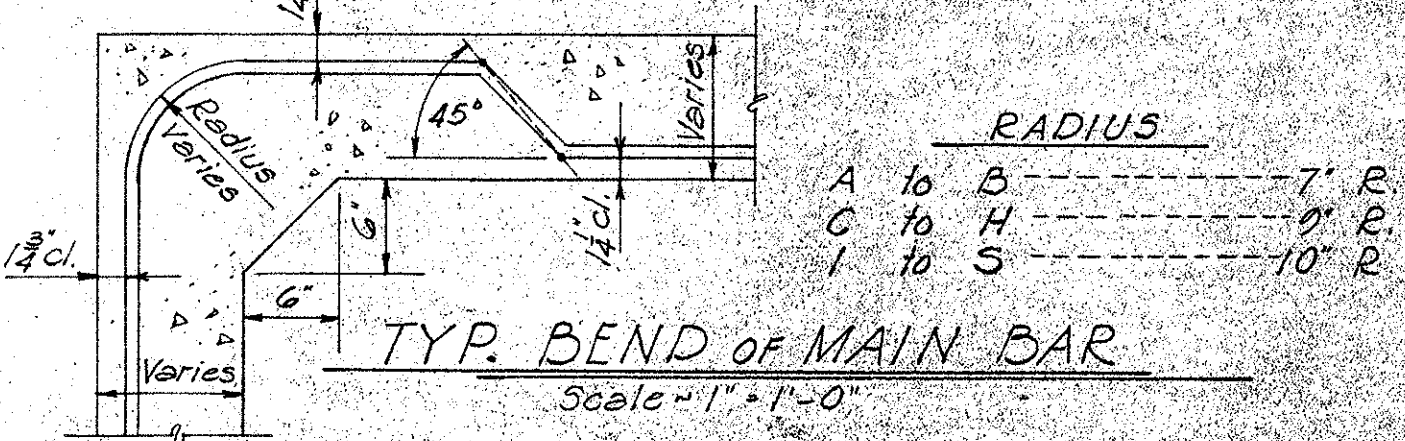
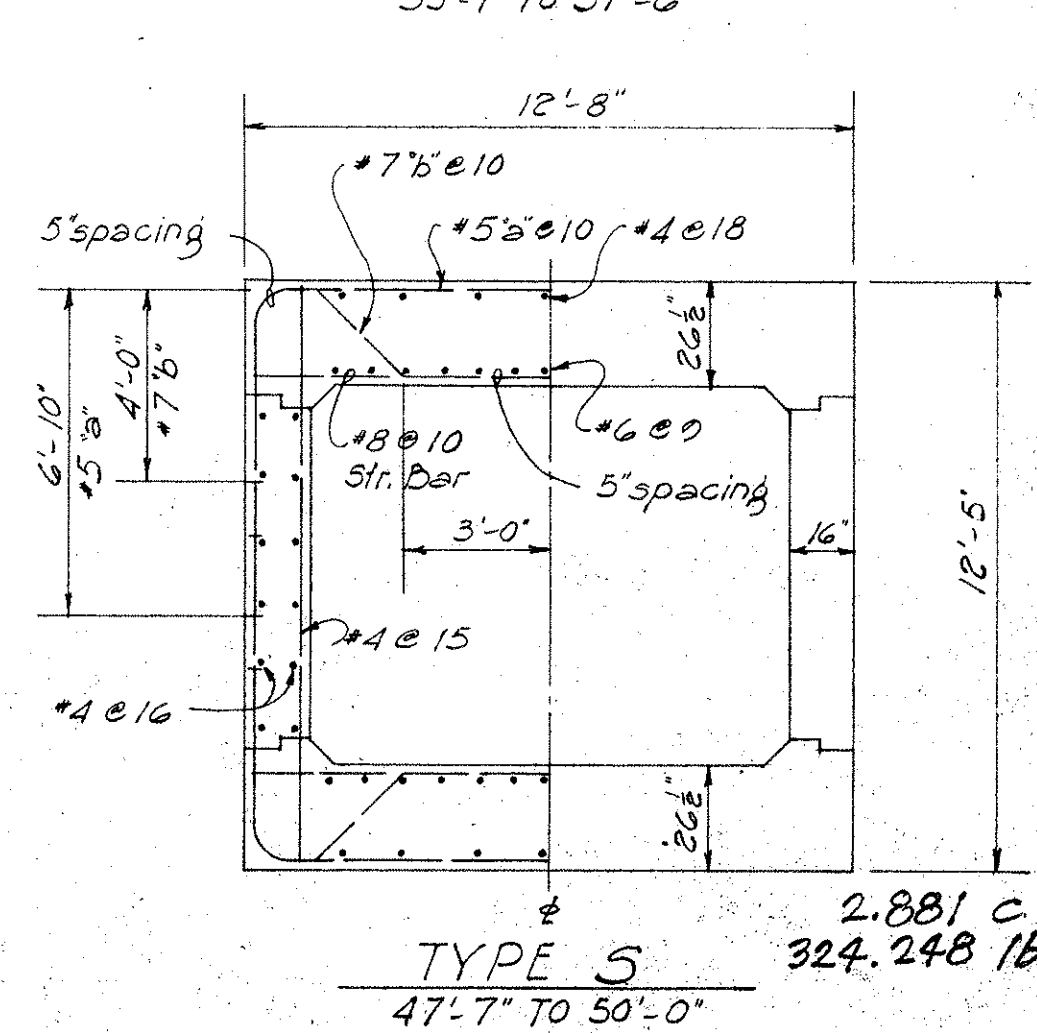
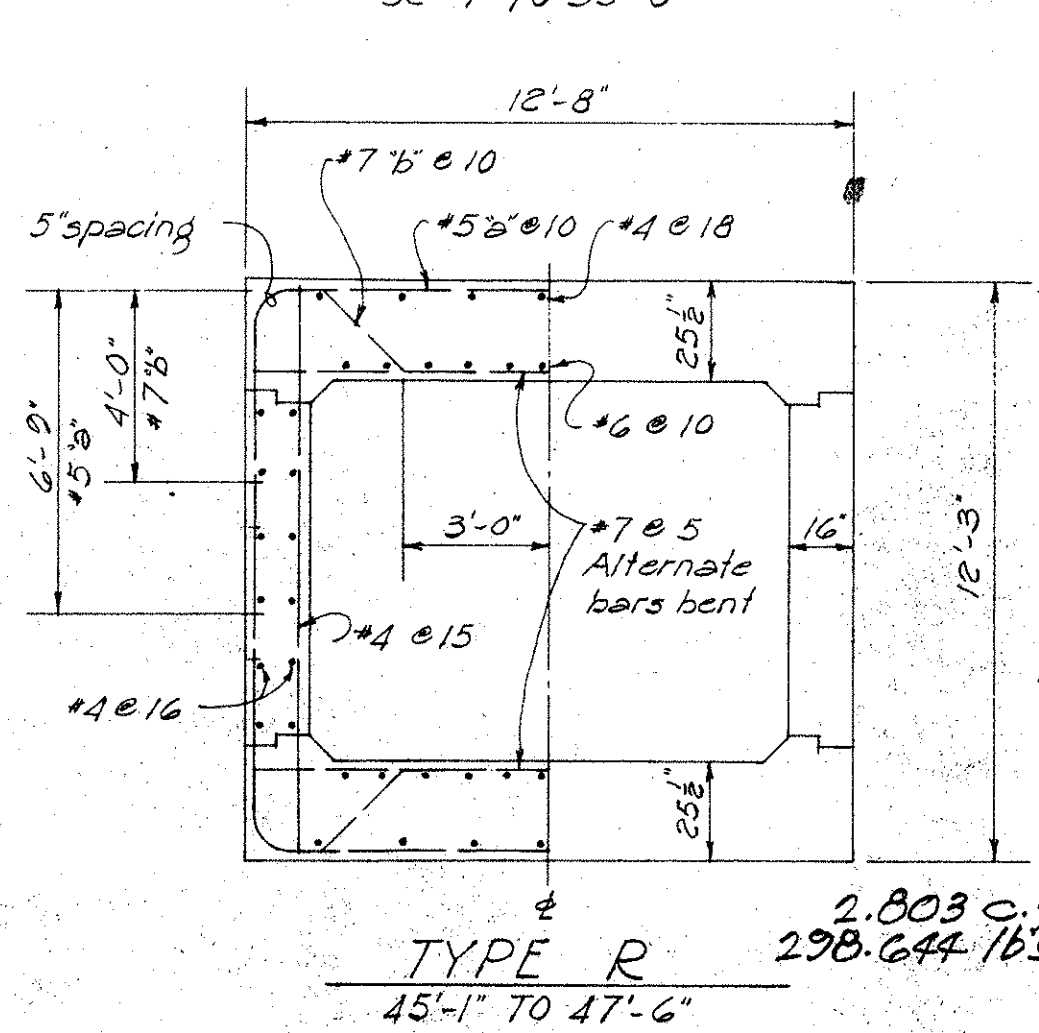
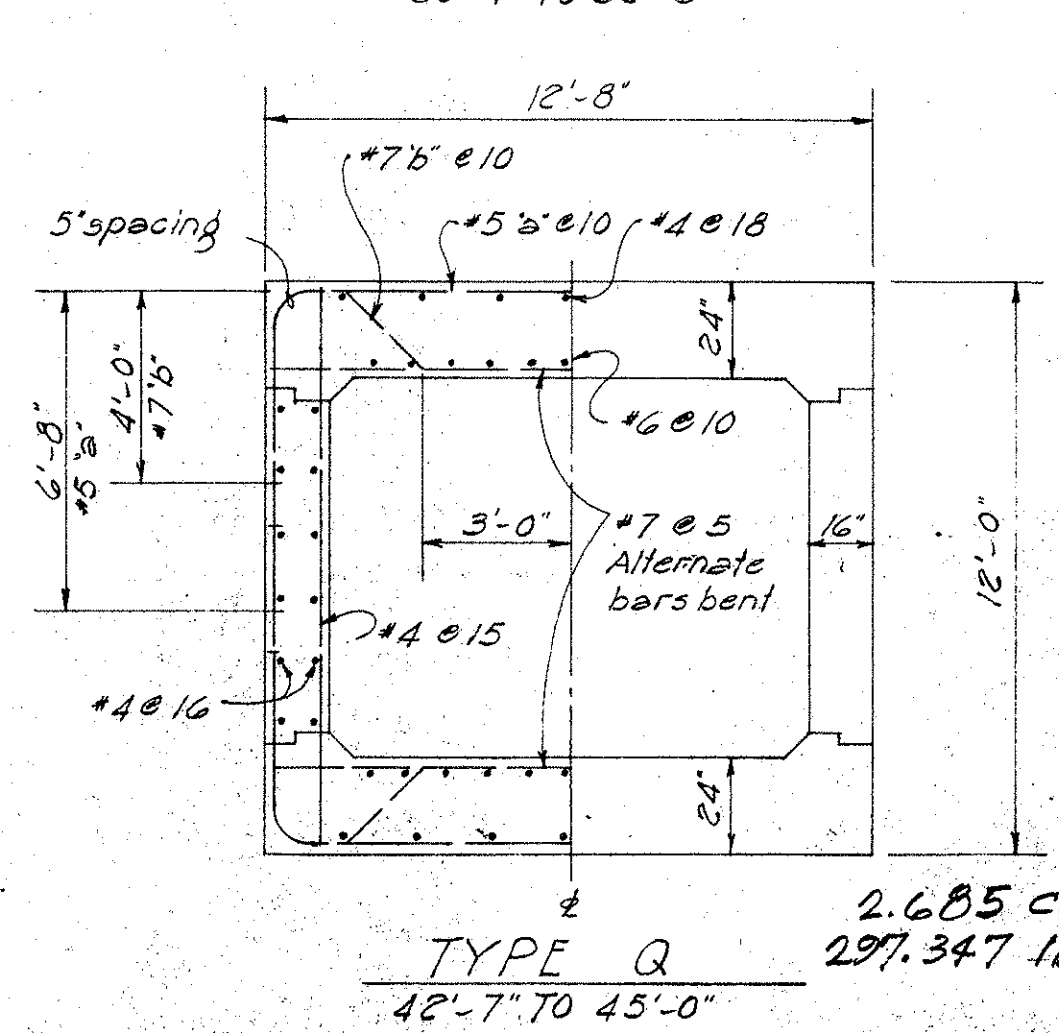
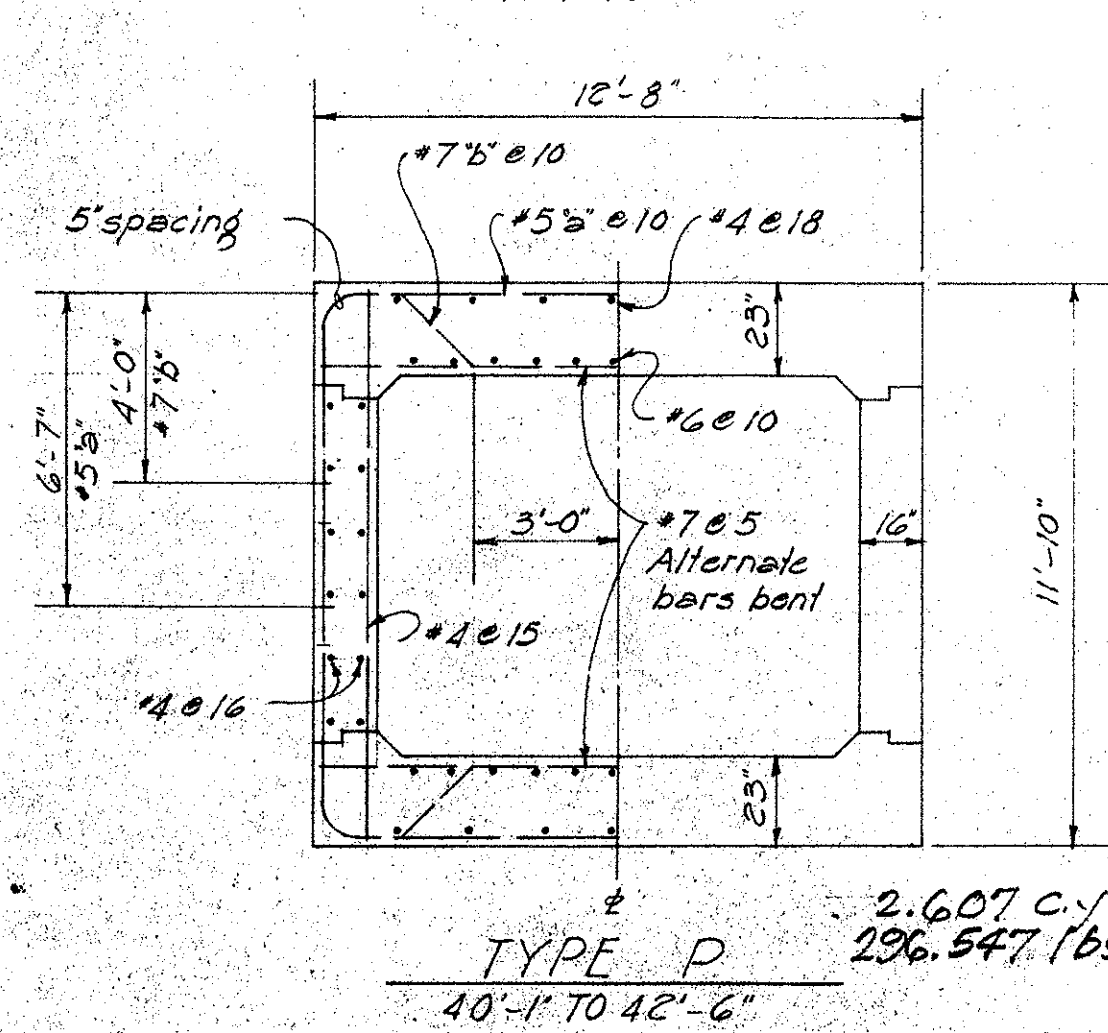
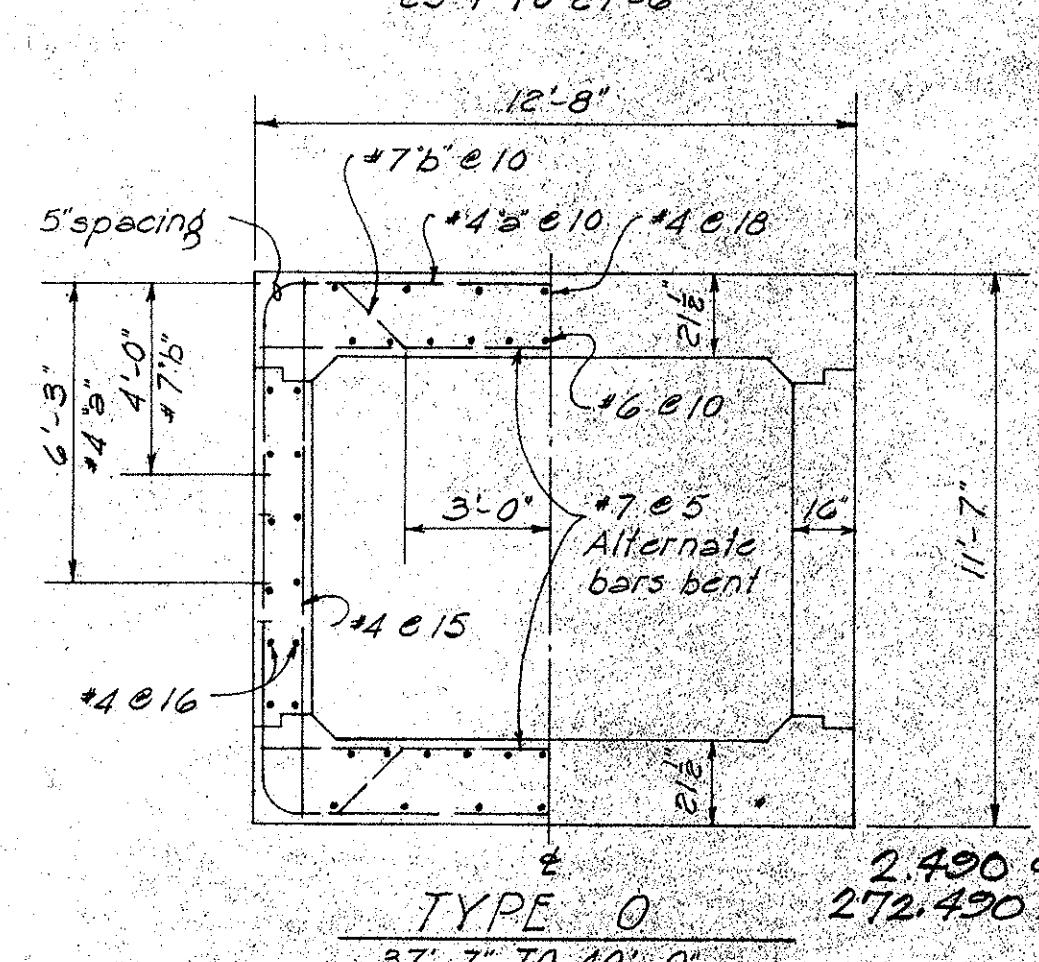
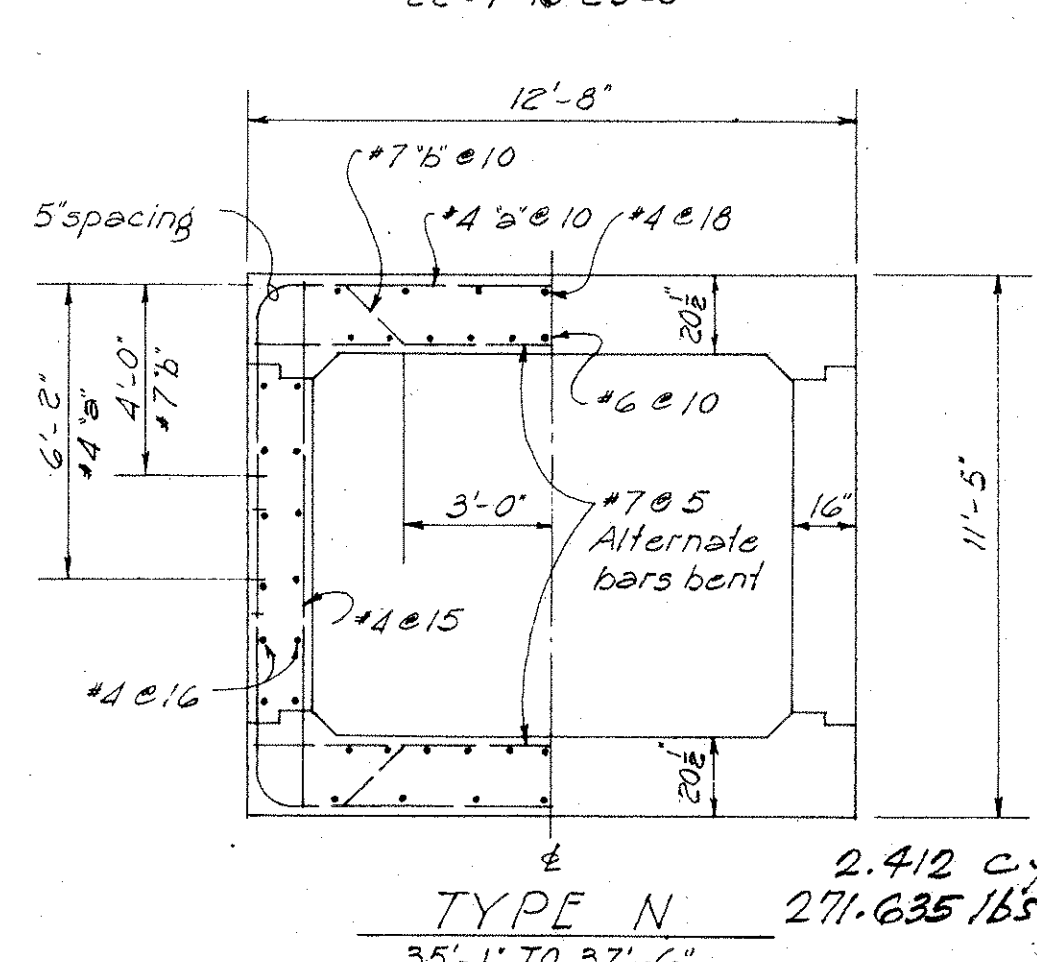
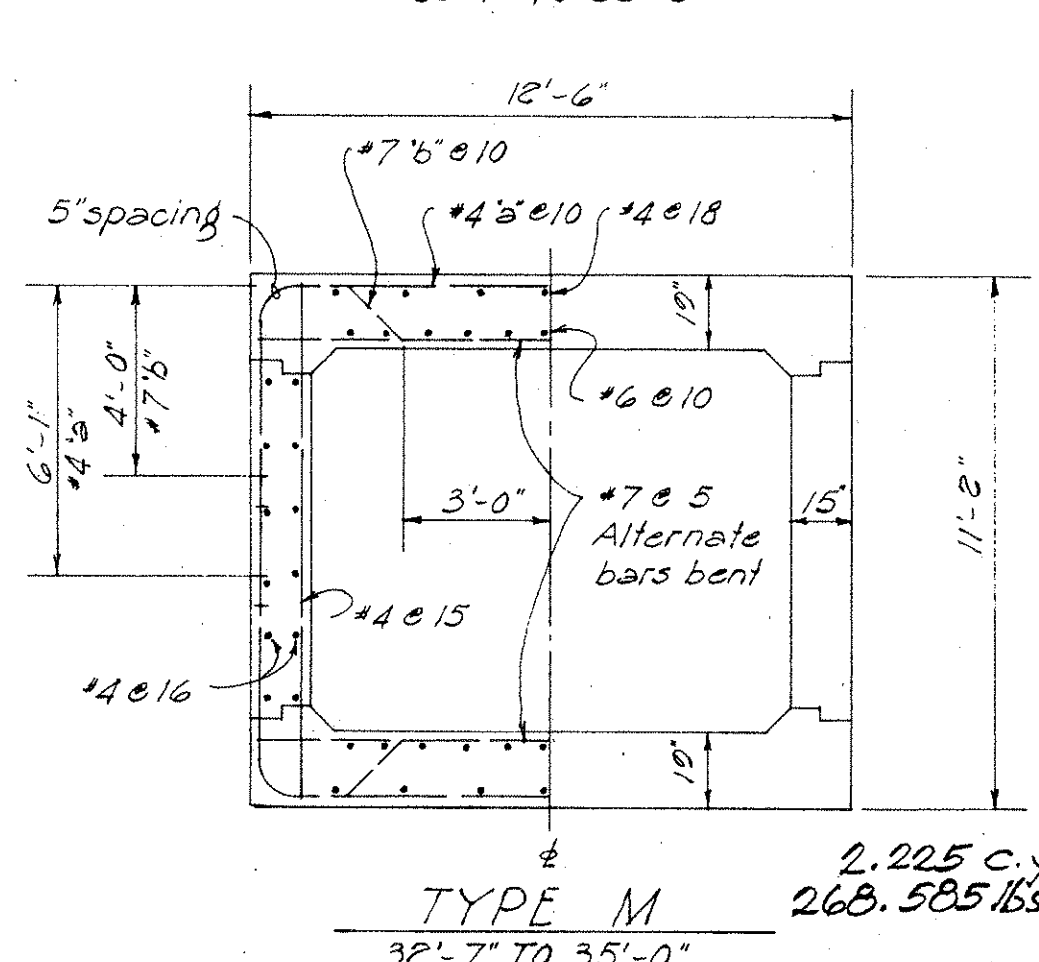
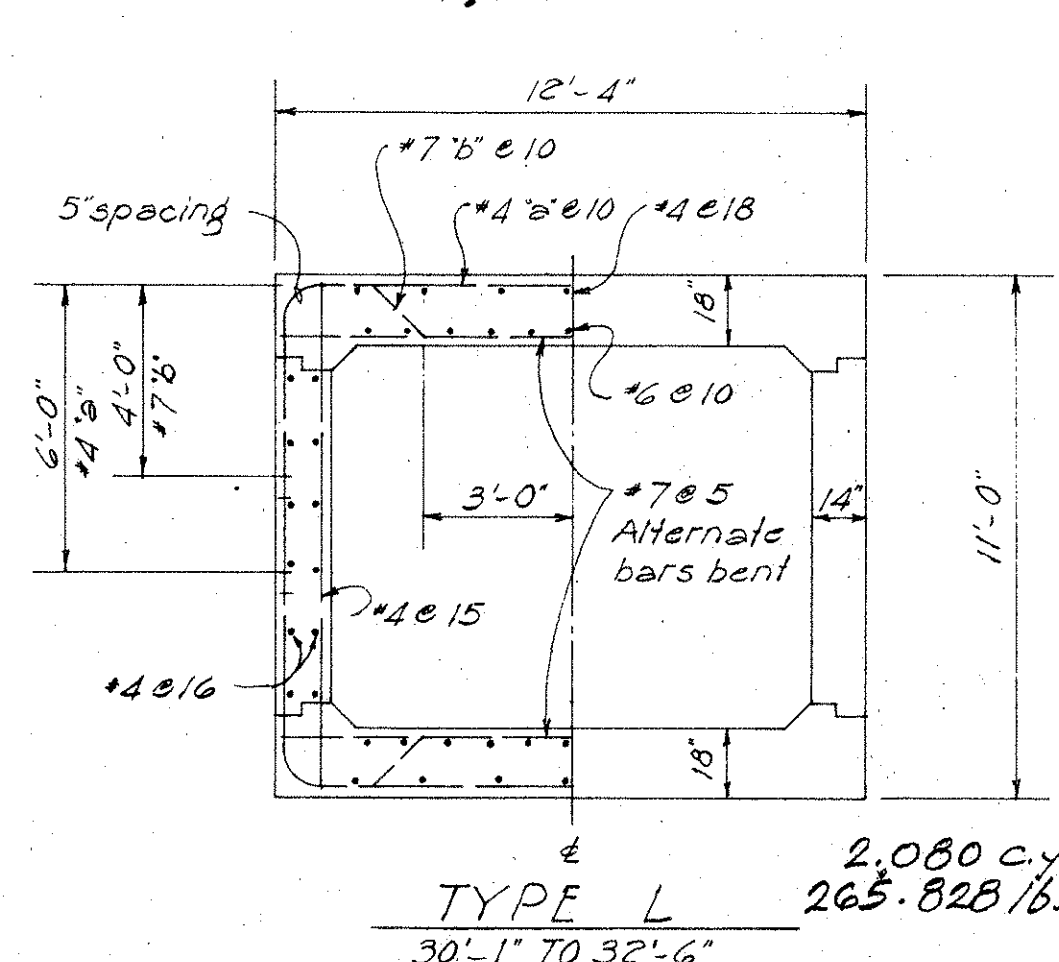
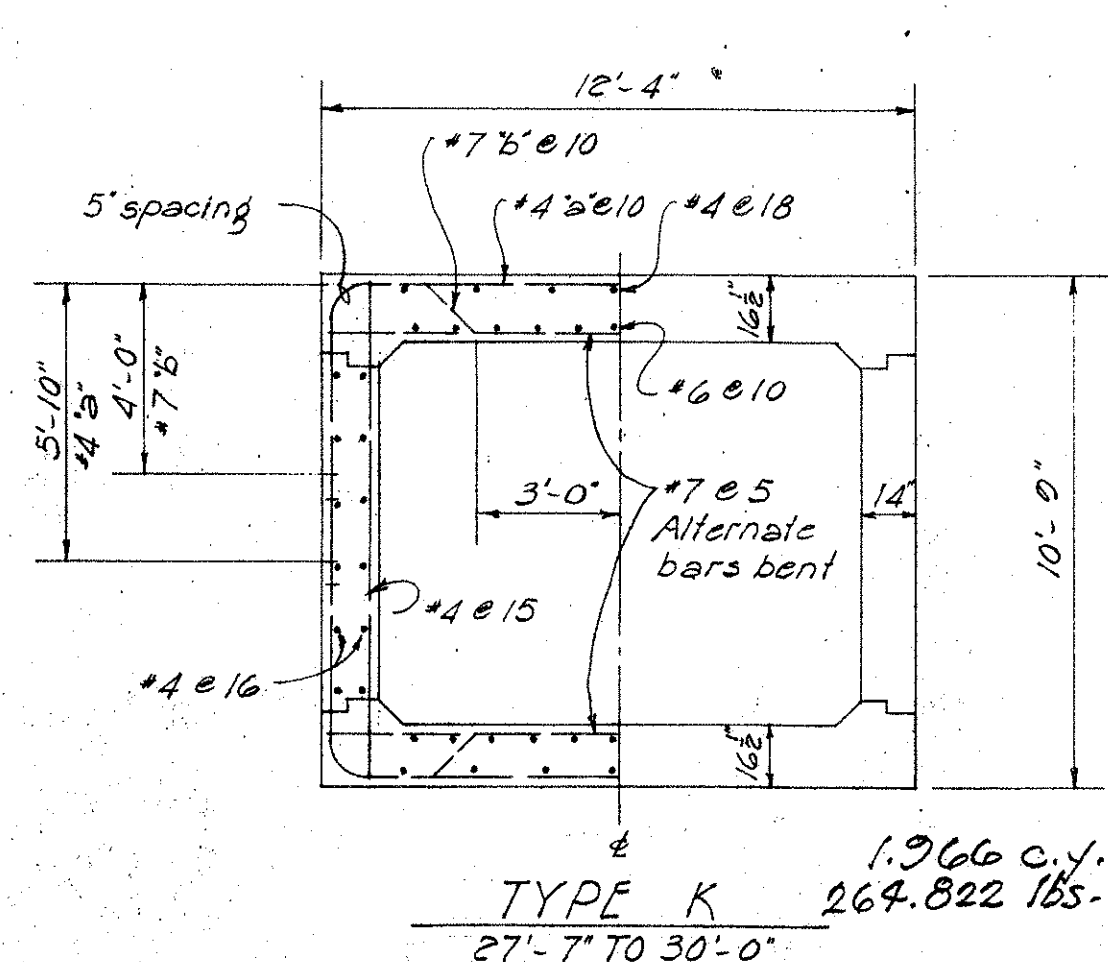
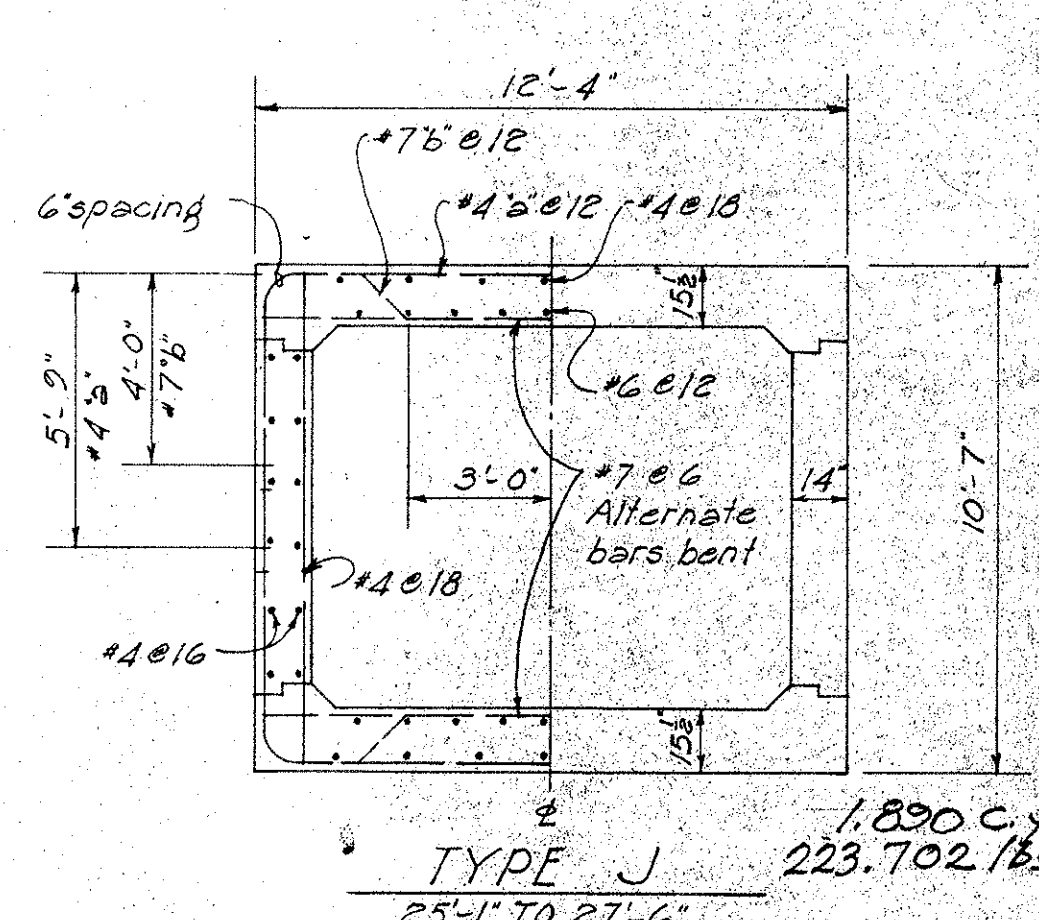
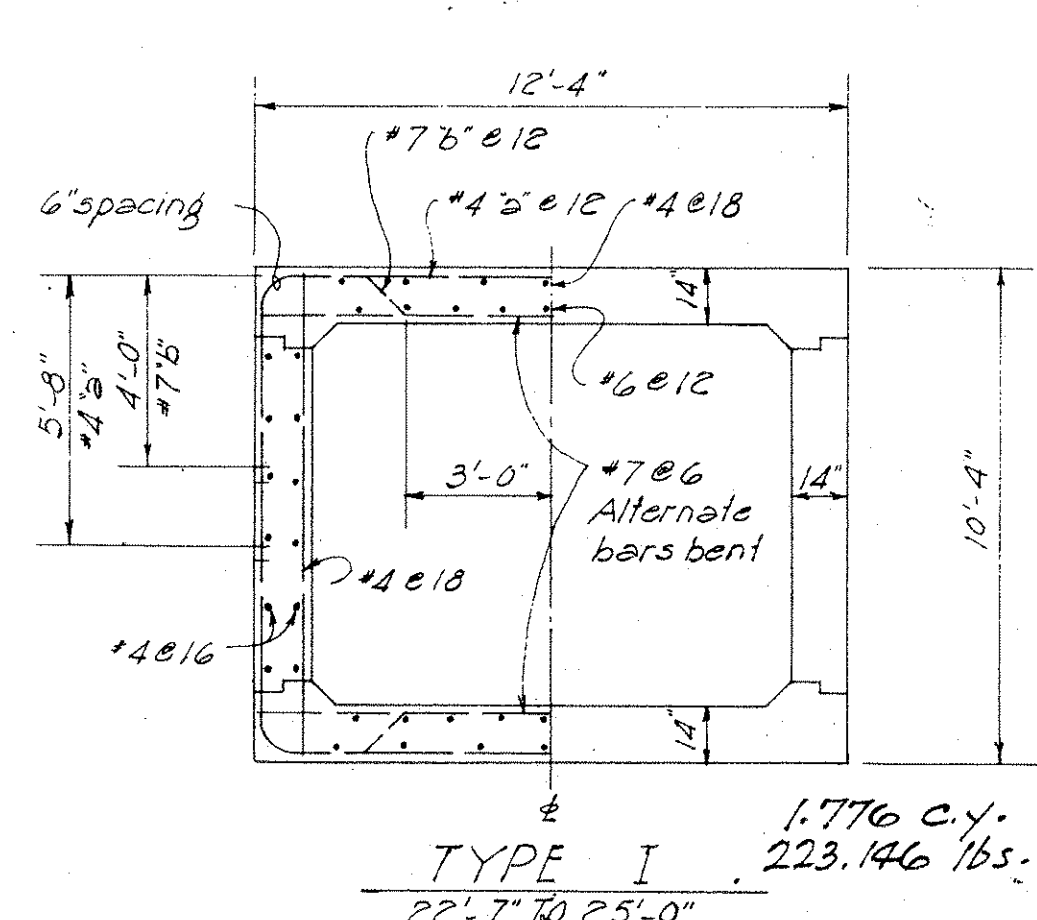
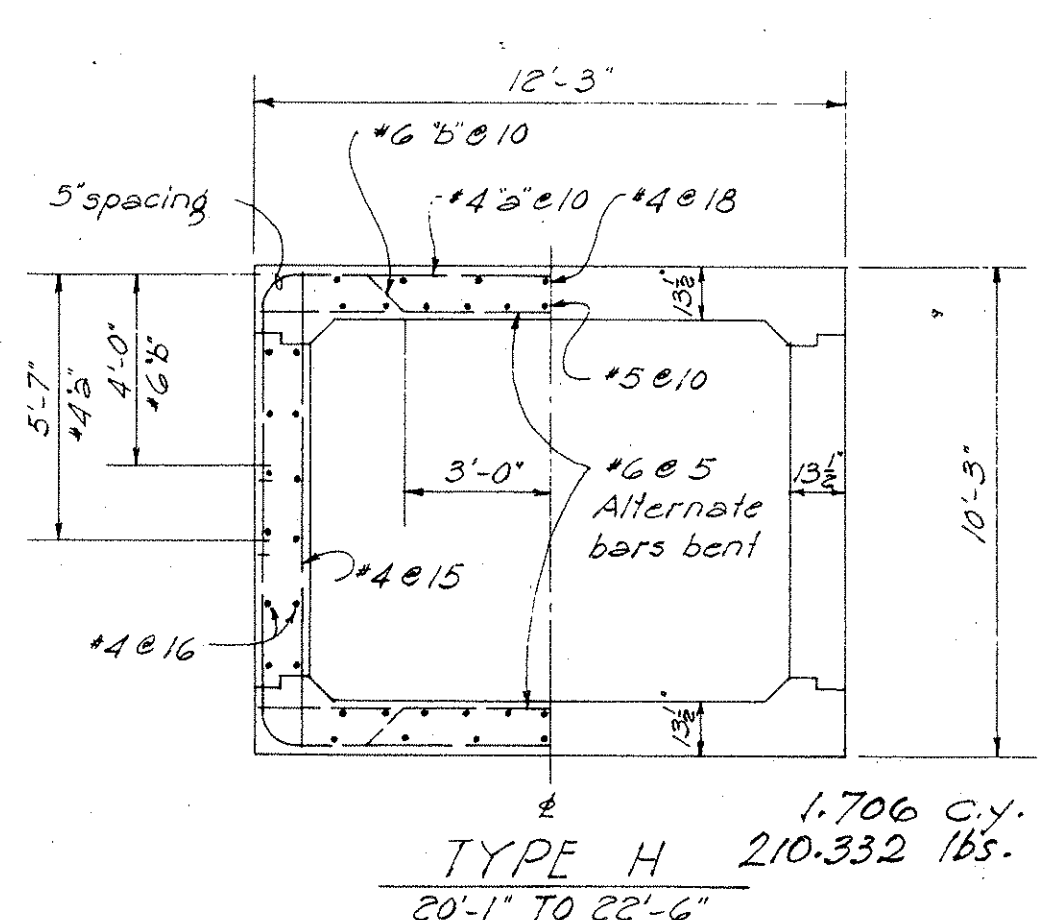
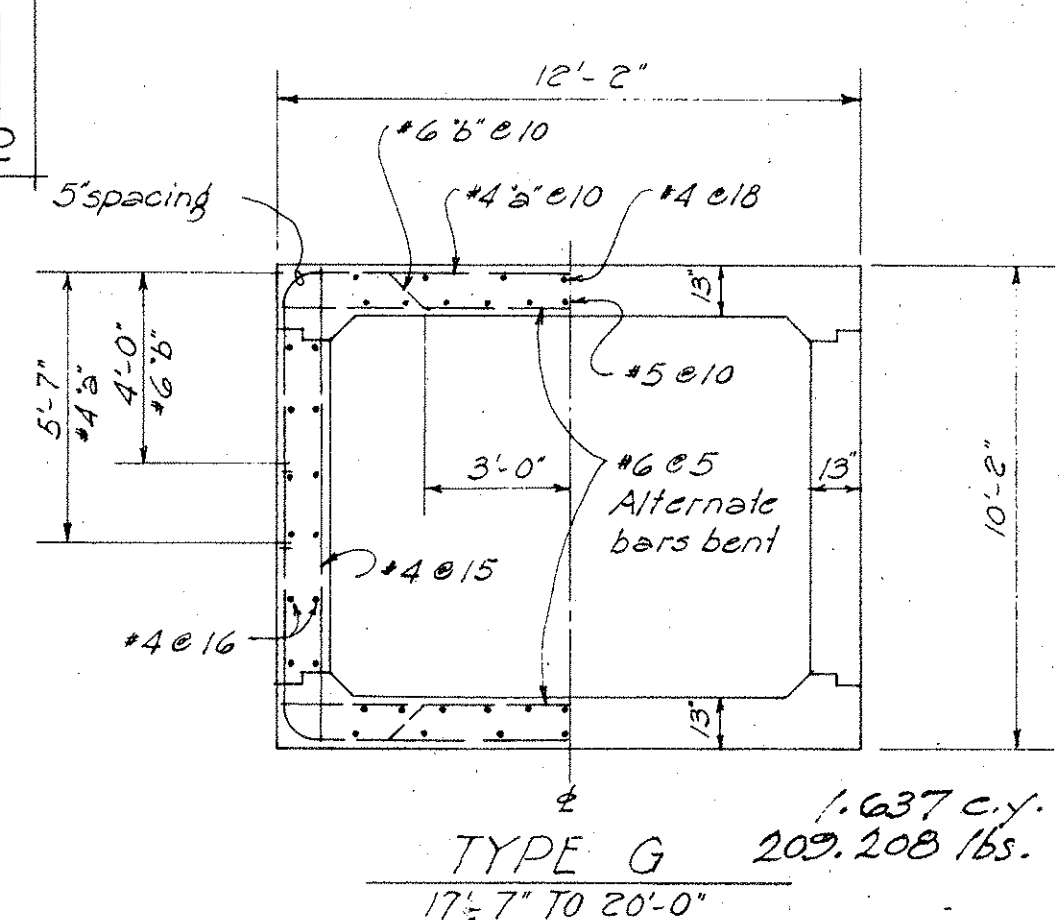
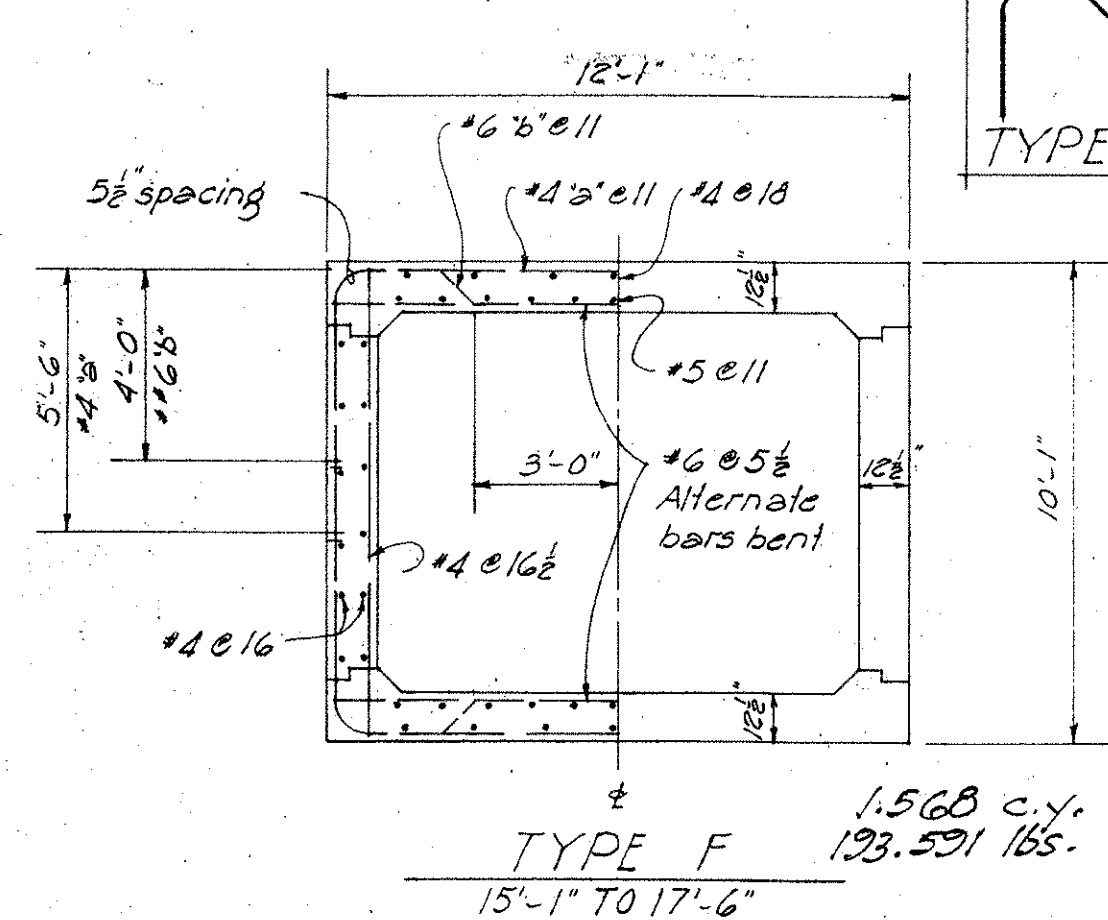
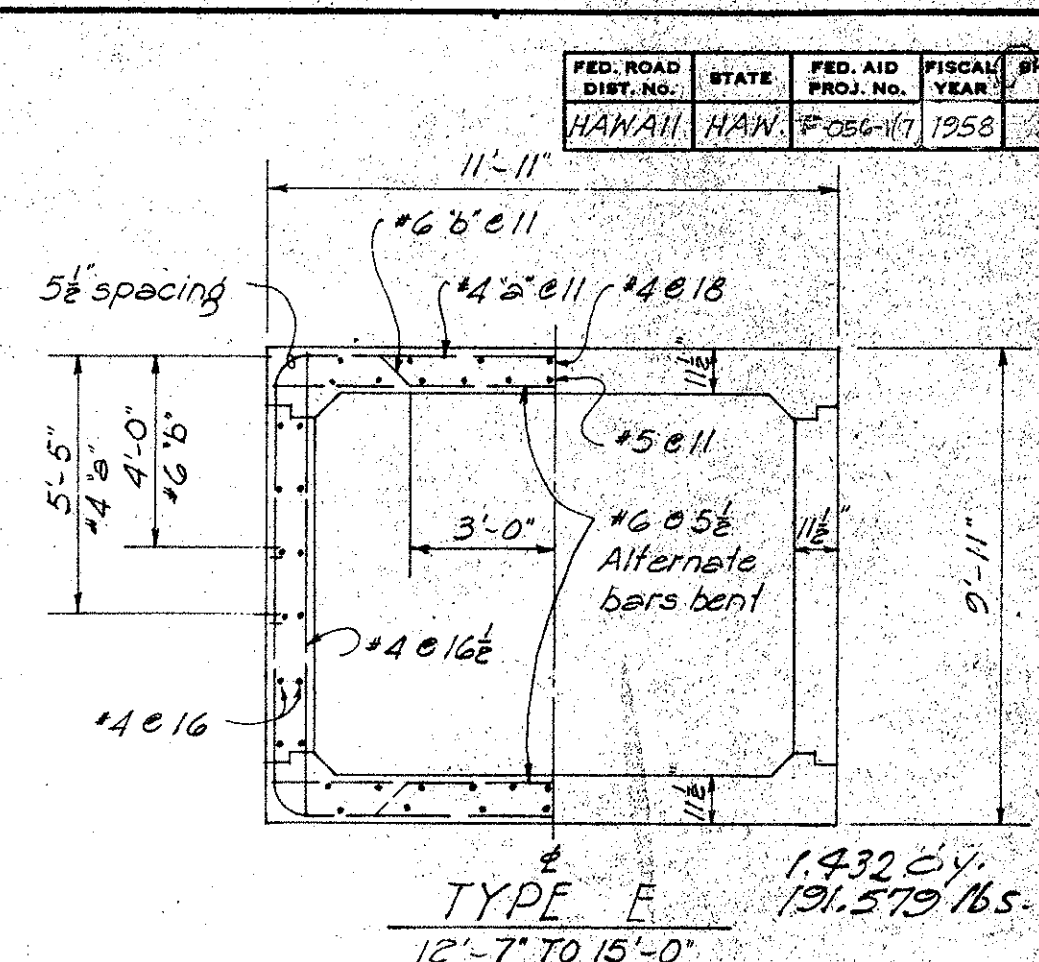
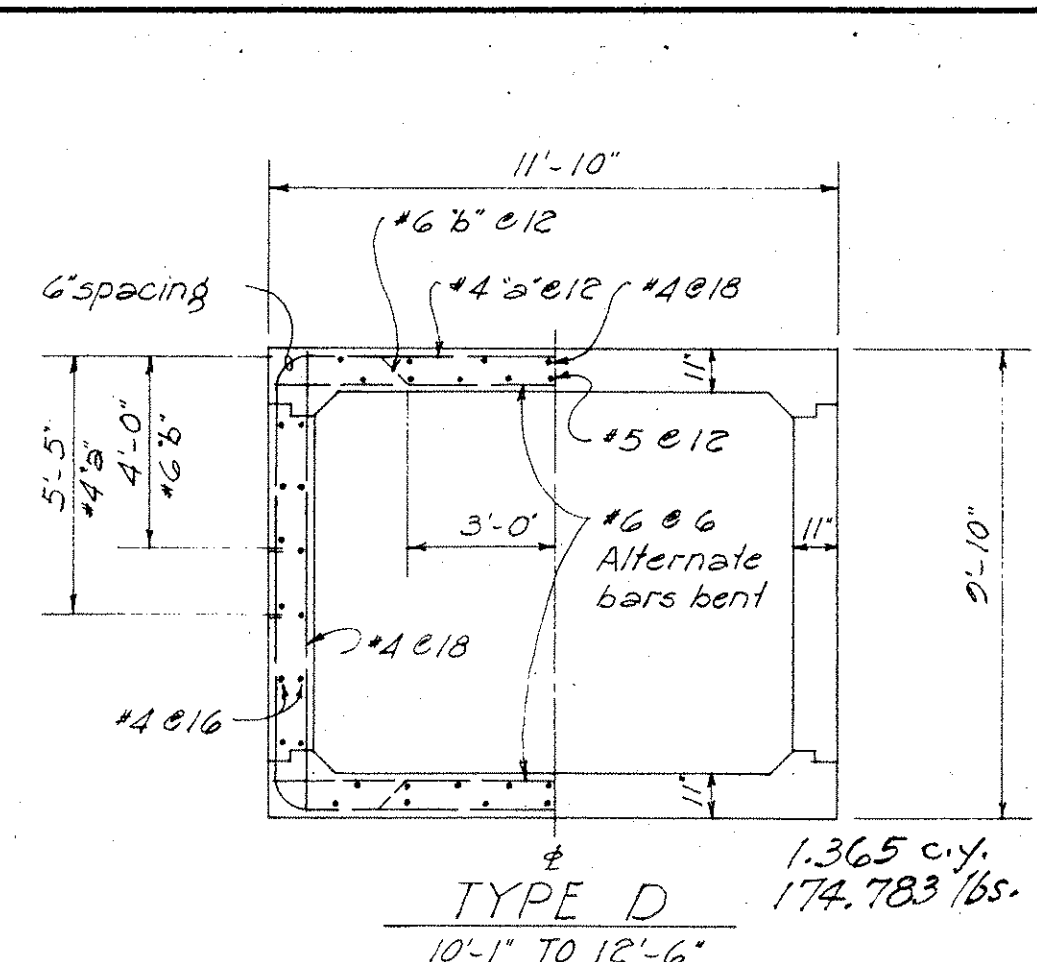
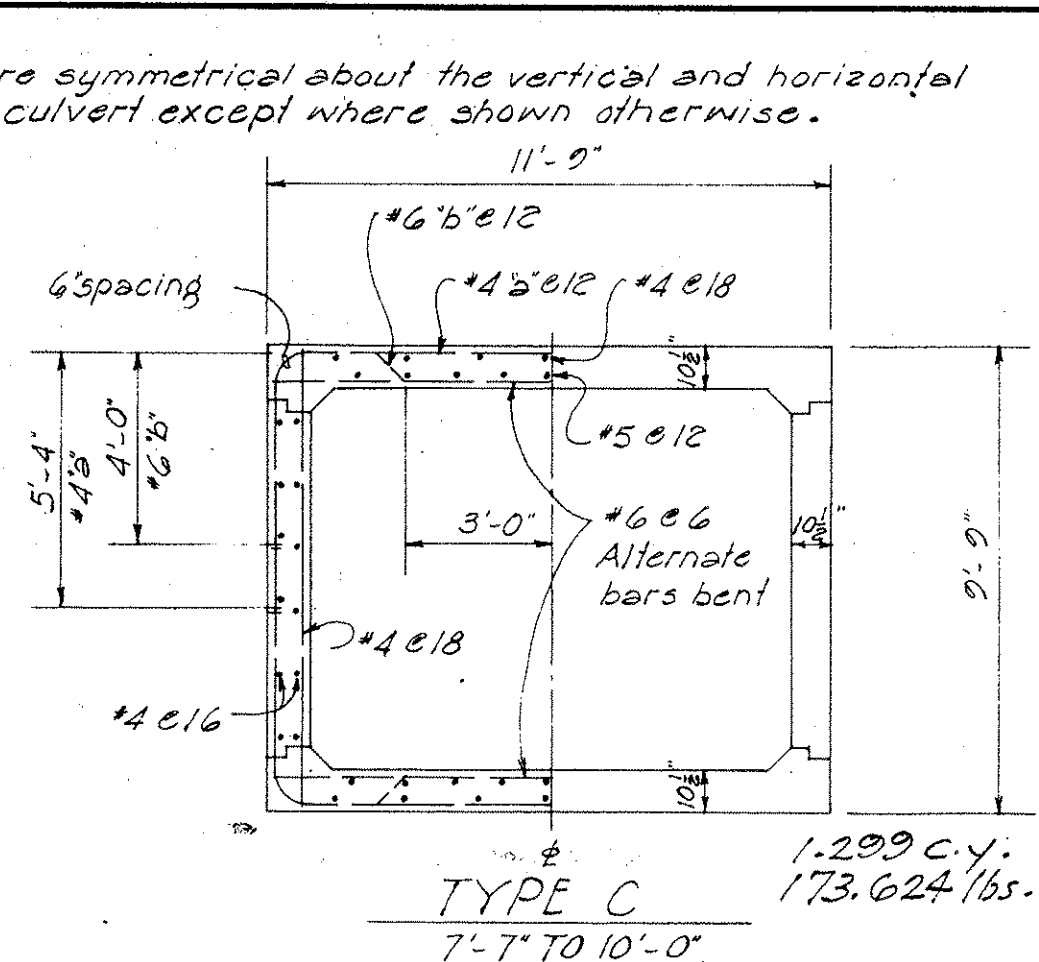
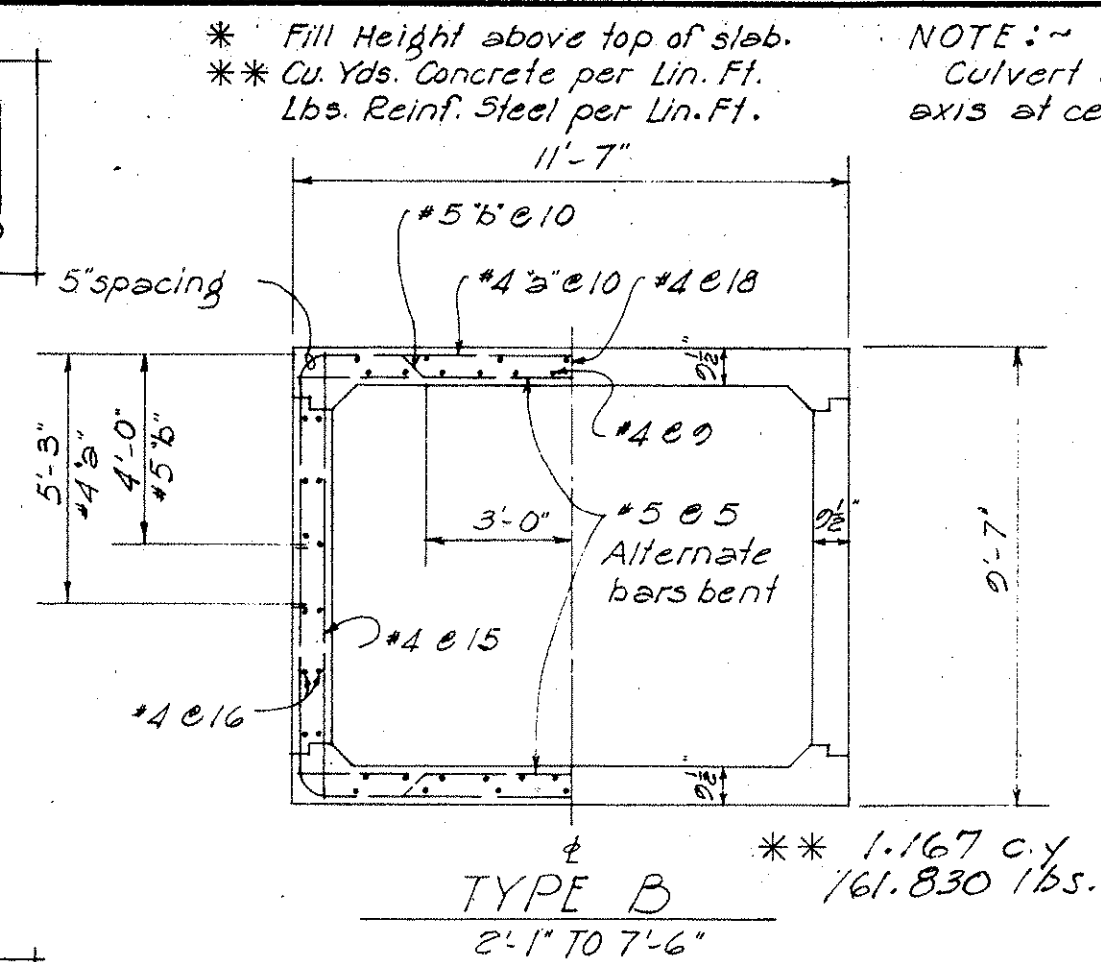
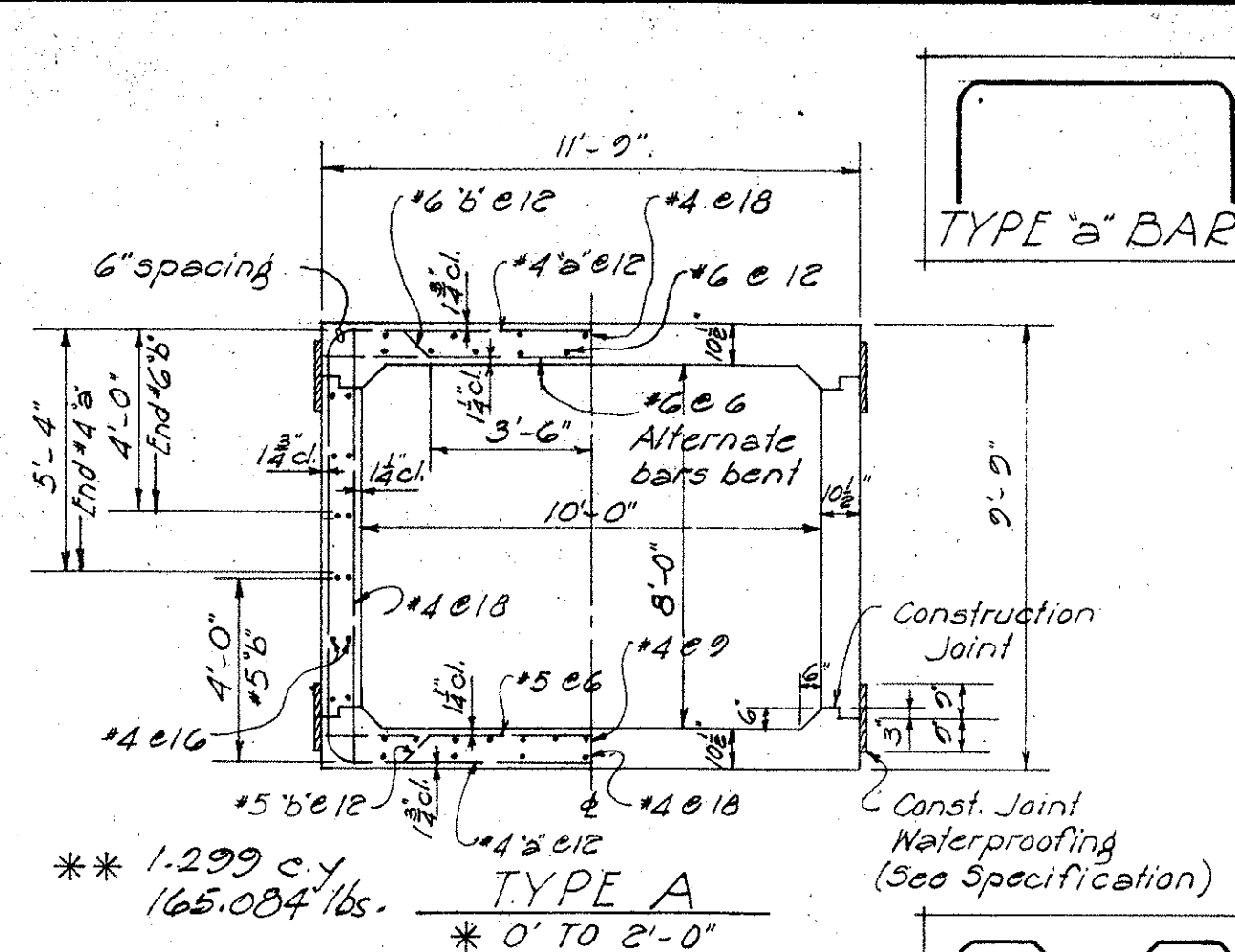


RADIUS
 TYPE "A" TO TYPE "D" -- 6' R
 TYPE "E" TO TYPE "M" -- 7' R

NOTE
 Culvert details are symmetrical about the vertical and horizontal axis at center of culvert except where shown otherwise

TERRITORIAL HIGHWAY DEPARTMENT
 TERRITORY OF HAWAII
 5'-0" X 5'-0"
 STANDARD BOX CULVERT
 Scale 1/2" = 1'-0"

DESIGNED BY
 TRACED BY
 QUANTITIES BY
 CHECKED BY
 NOTE BOOK
 No.



TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

10'-0" X 8'-0"
STANDARD BOX CULVERT

Scale - 1/2" = 1'-0"