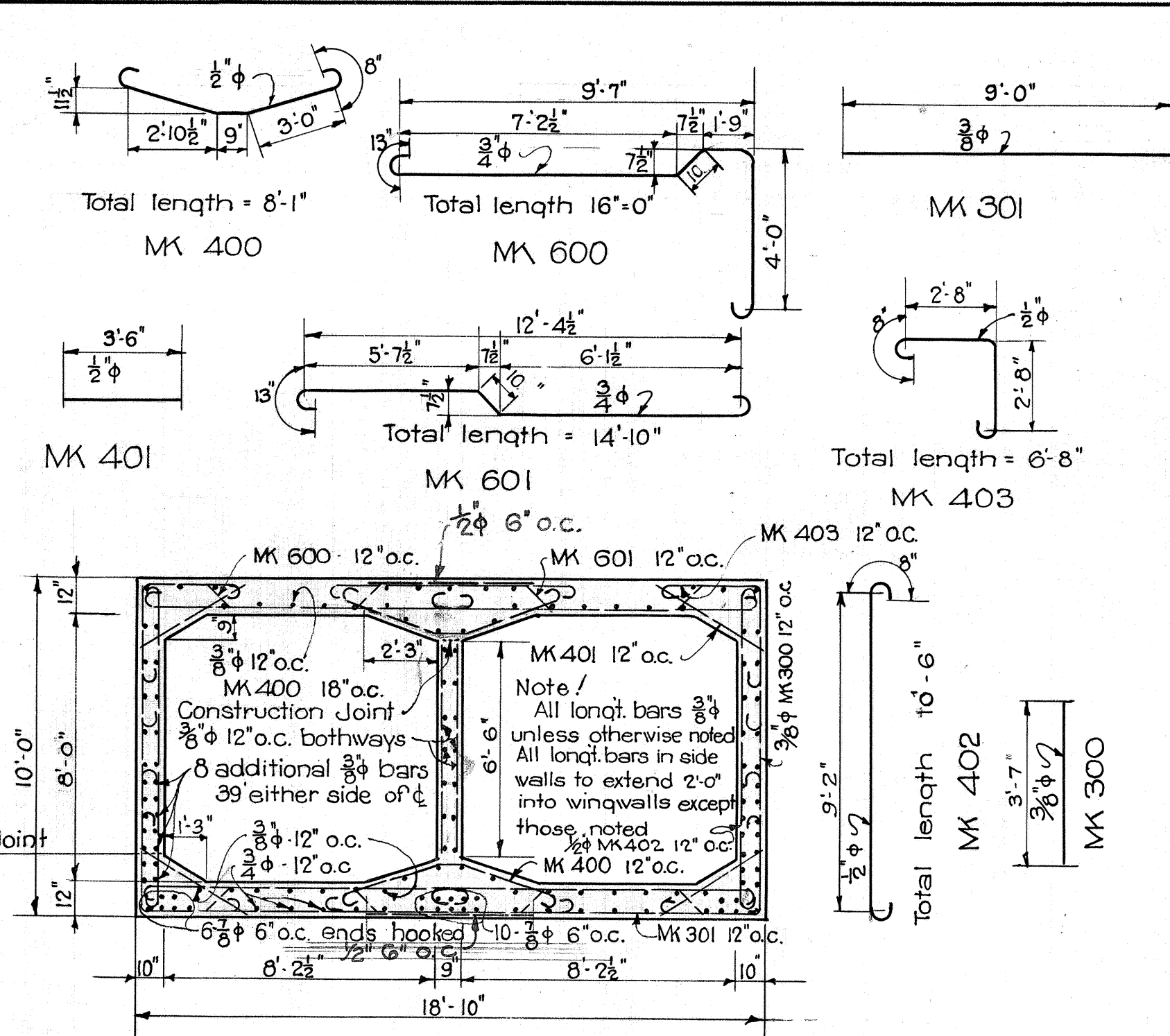
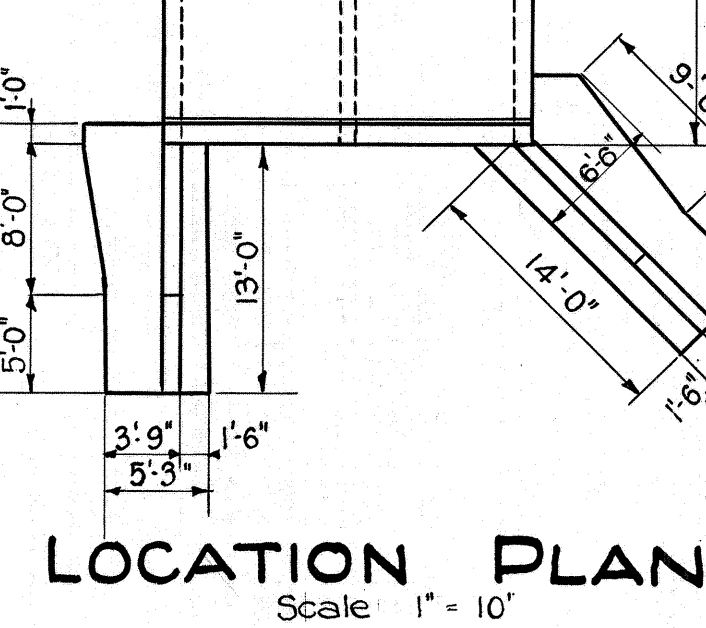
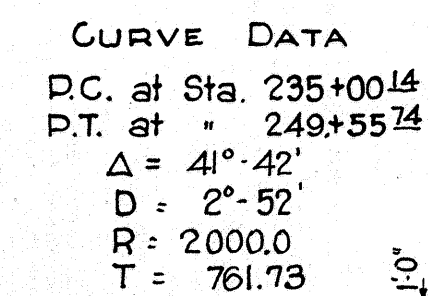
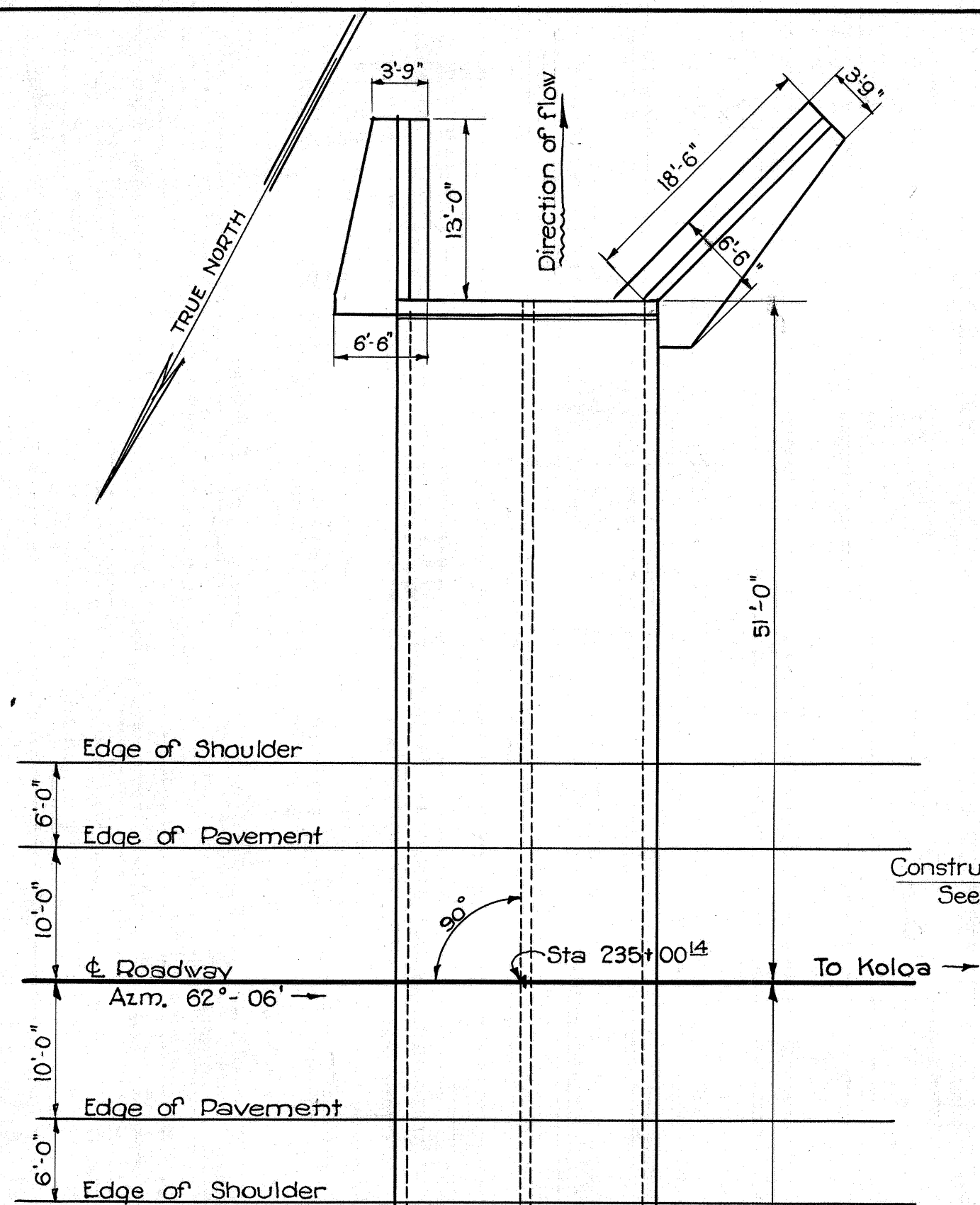
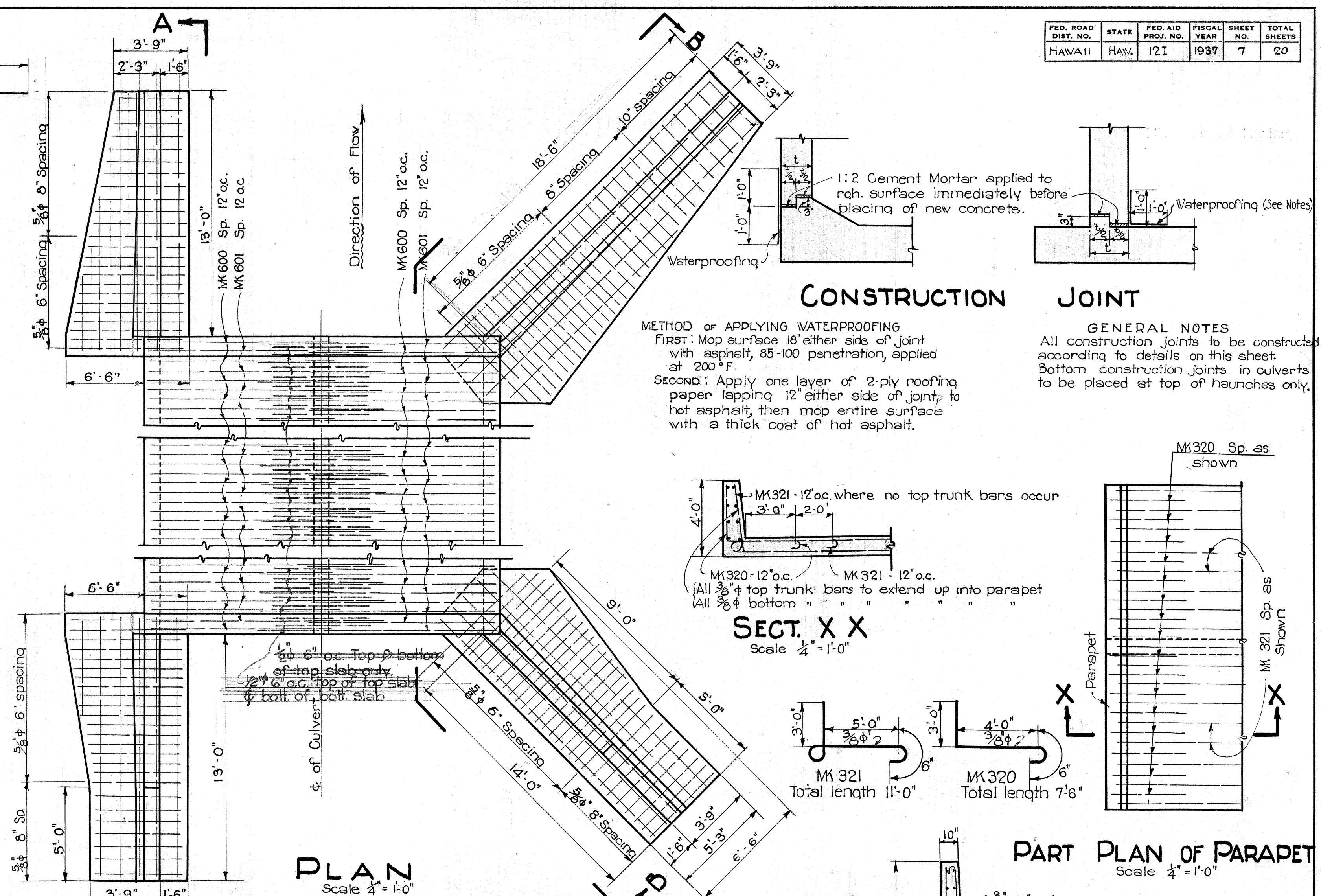
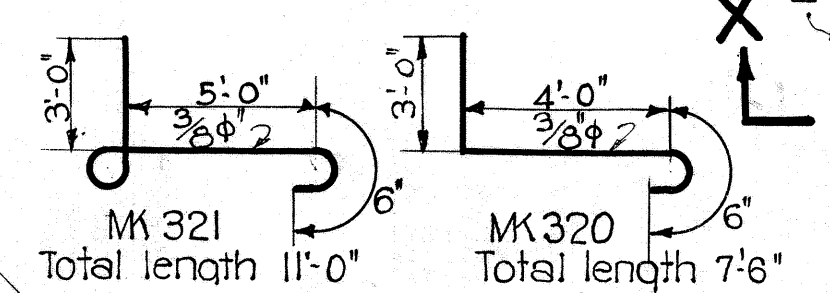




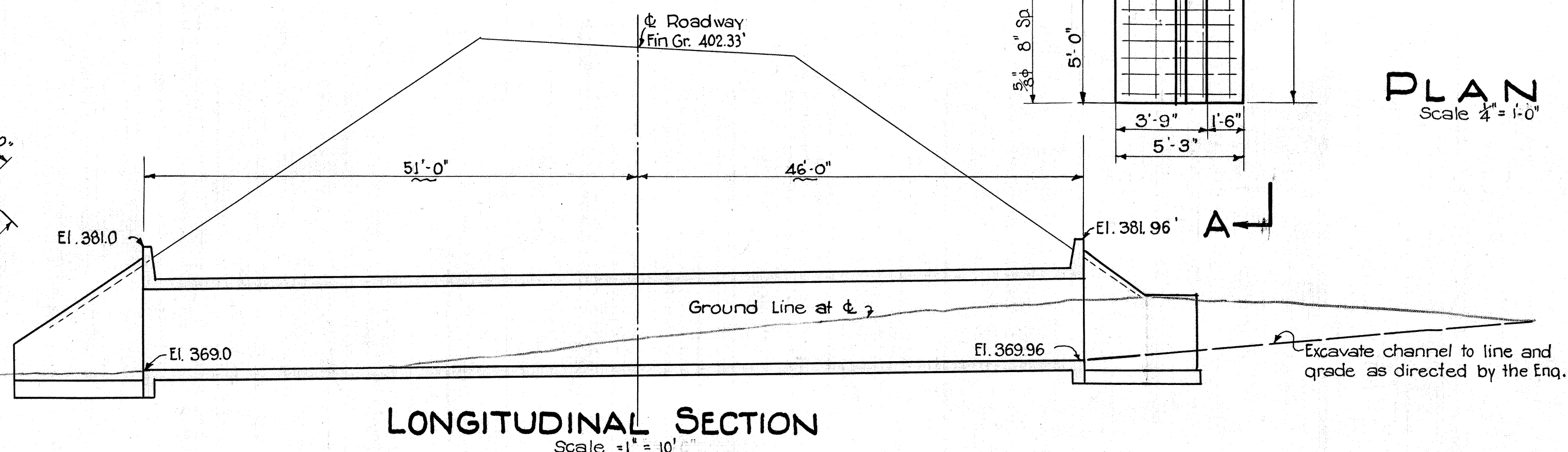
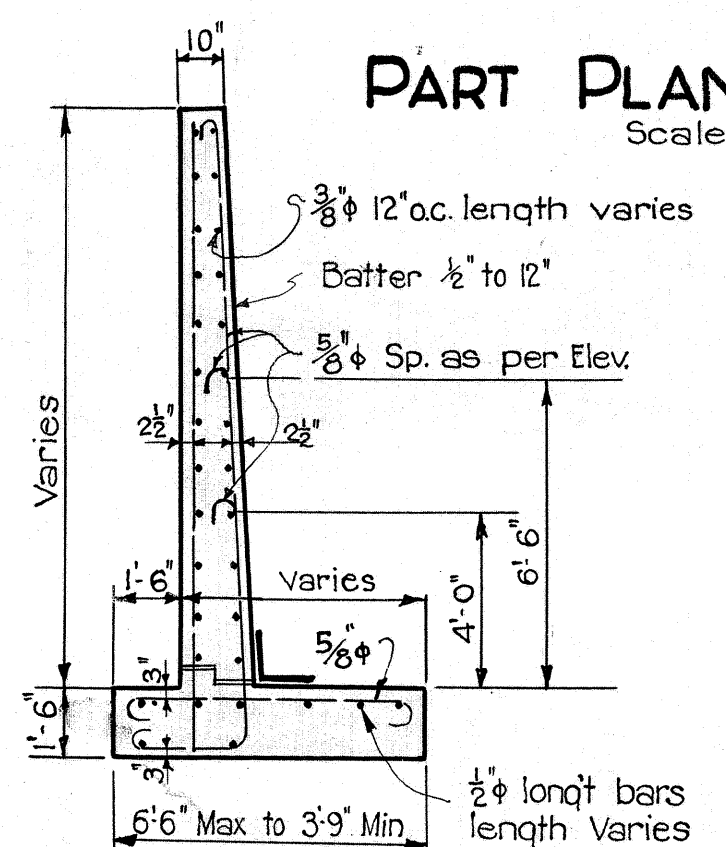
TYPICAL CROSS SECTION
Scale $\frac{1}{4}" = 1'-0"$



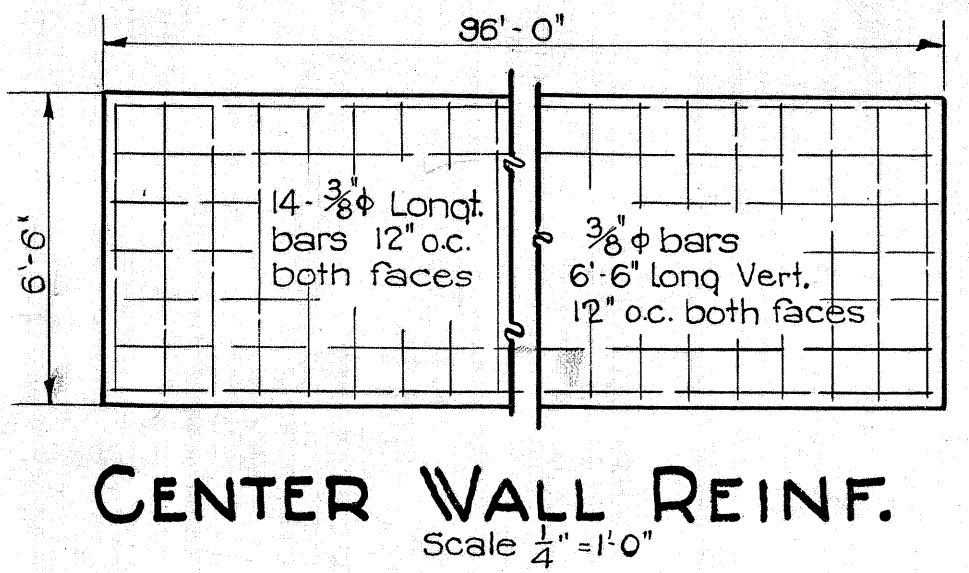
SECT. X X
Scale $\frac{1}{4}" = 1'-0"$



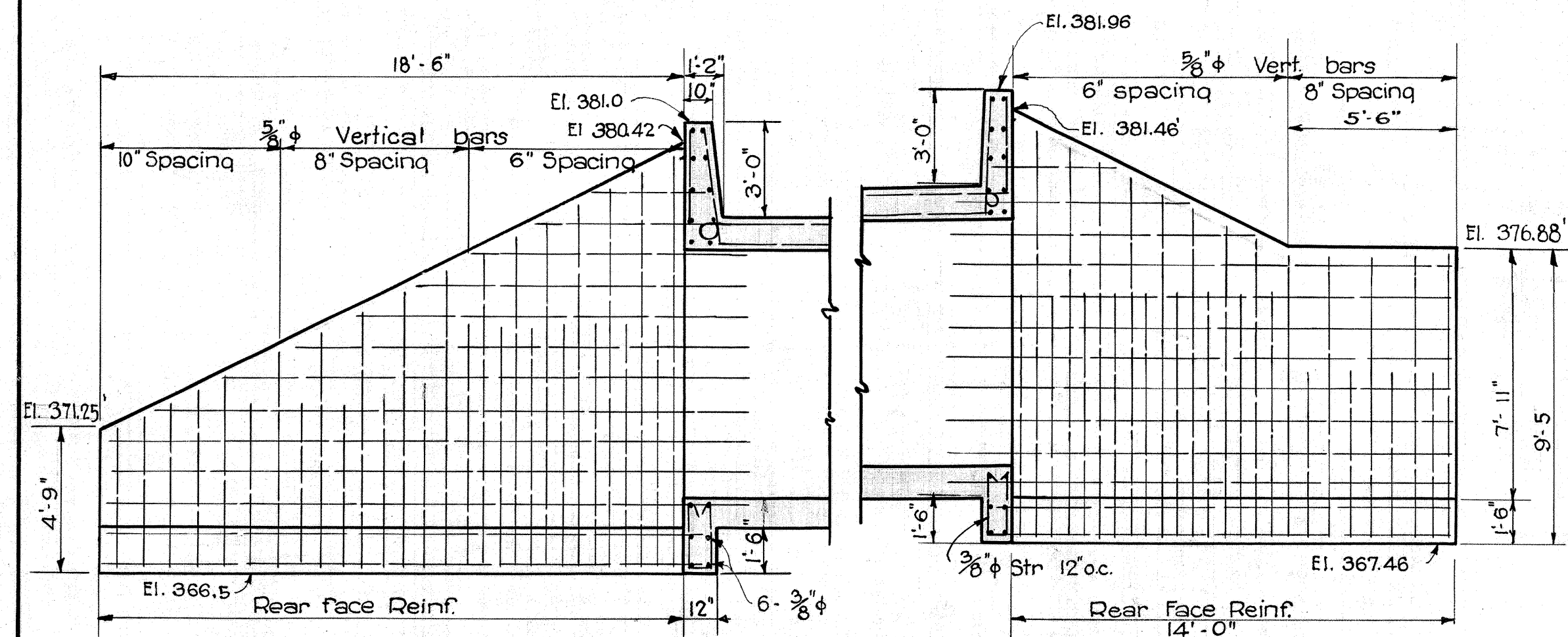
PART PLAN OF PARAPET
Scale $\frac{1}{4}'' = 1'-0''$



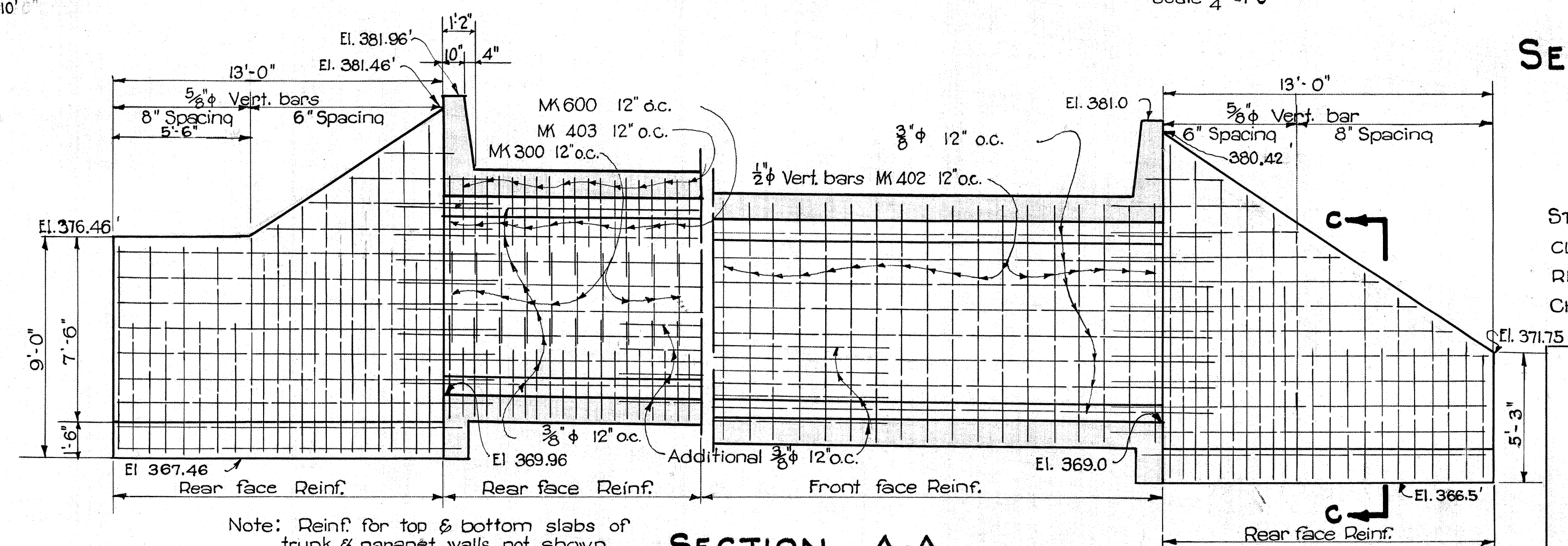
LONGITUDINAL SECTION
Scale = 1" = 10'



CENTER WALL REINF.
Scale $\frac{1}{4}" = 1'-0"$



SECTION B-B
Scale $\frac{1}{4}" = 1'-0"$



SECTION A-A
Scale $\frac{1}{4}'' = 1'-0''$

SECTION C-C
Scale $\frac{1}{4}" = 1'-0"$

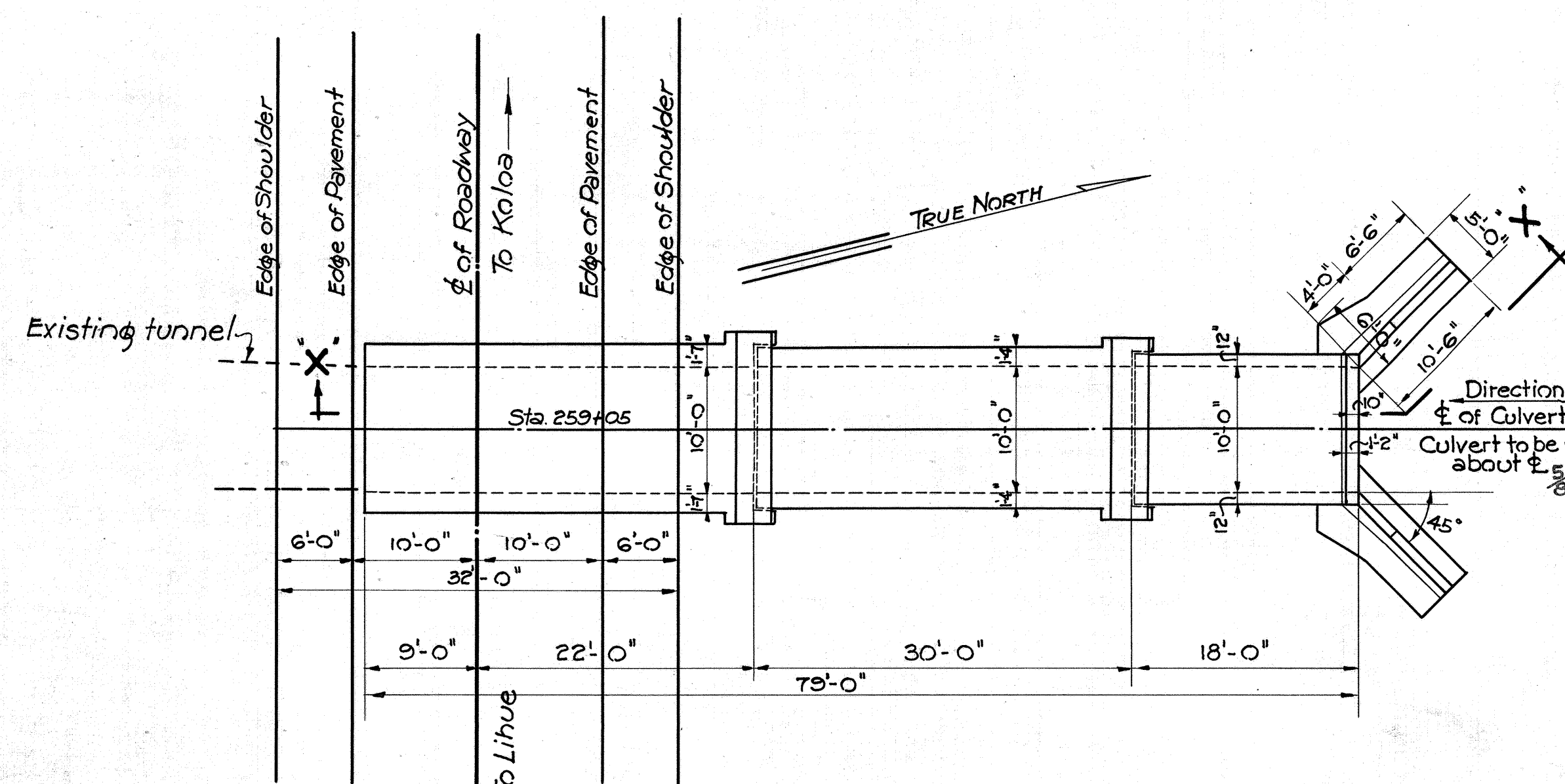
QUANTITIES

STRUCTURAL EXCAVATION	=	450.0	C.Y.
CLASS A CONCRETE	=	267.28	C.Y.
REINFORCING STEEL	=	37,550	Lbs.
CHANNEL EXCAVATION	=	200.0	C.Y.

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
DETAILS
DOUBLE BOX CULVERT
AT STA 235+00.14

Kauai Belt Road	Kauai T.H.
F.A.P. 12 I	OCT. 1936

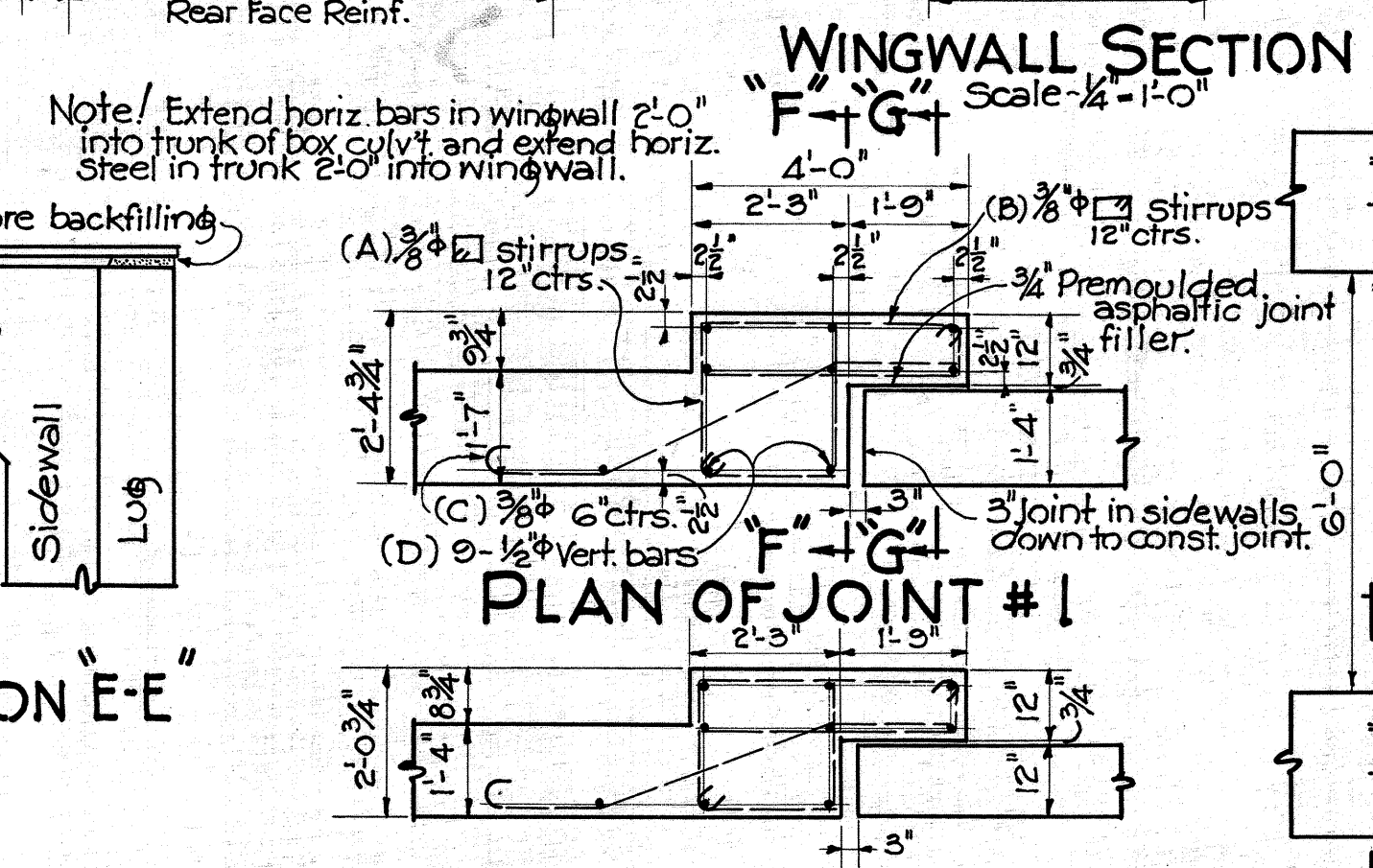
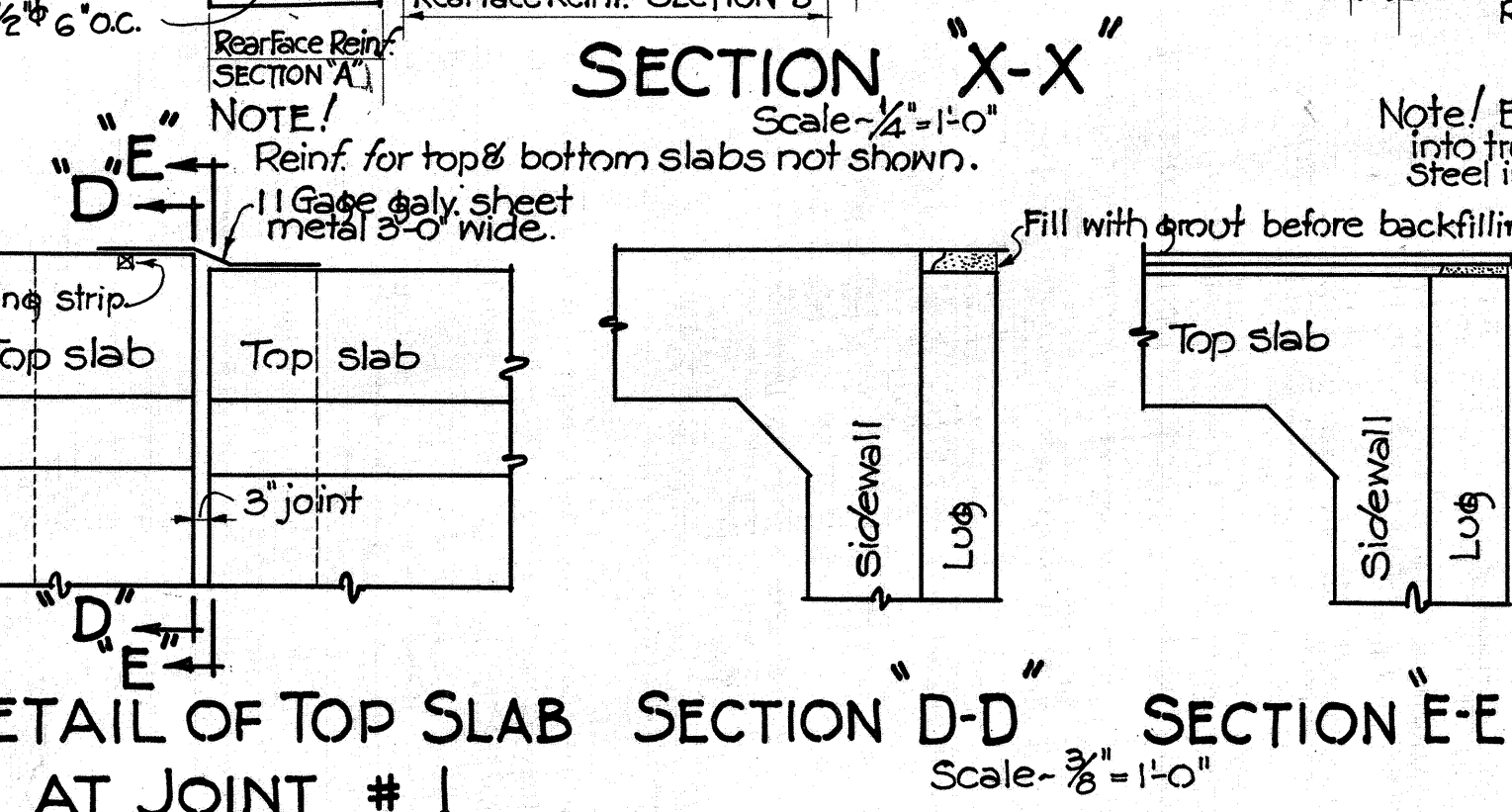
SHEET No | OF | SHEETS



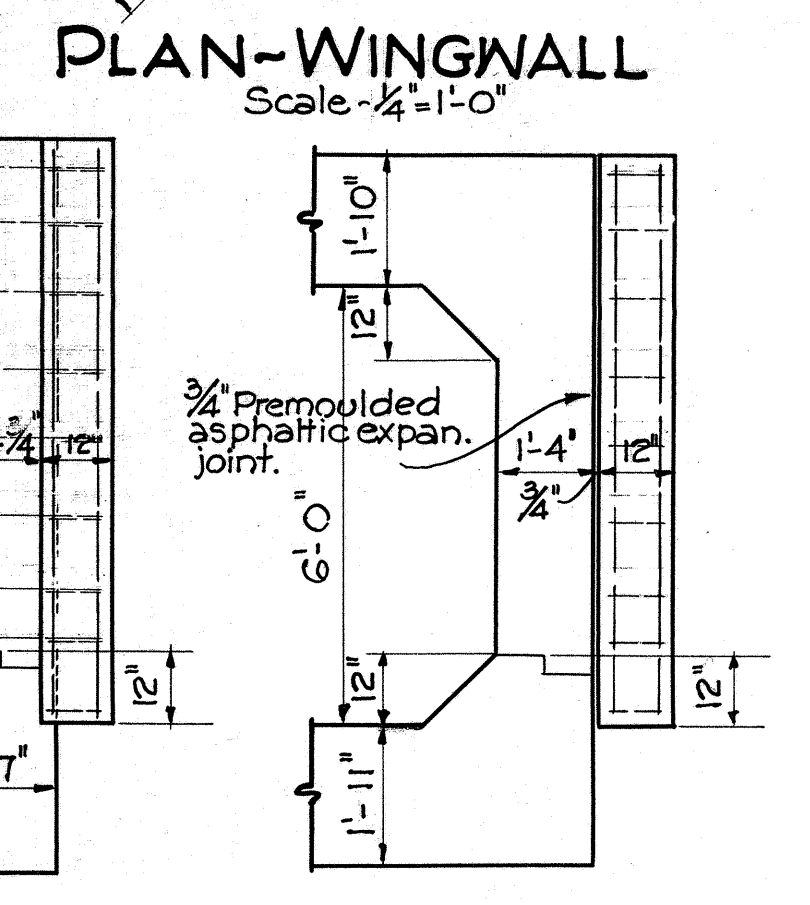
LAYOUT PLAN

Scale 1" = 10'

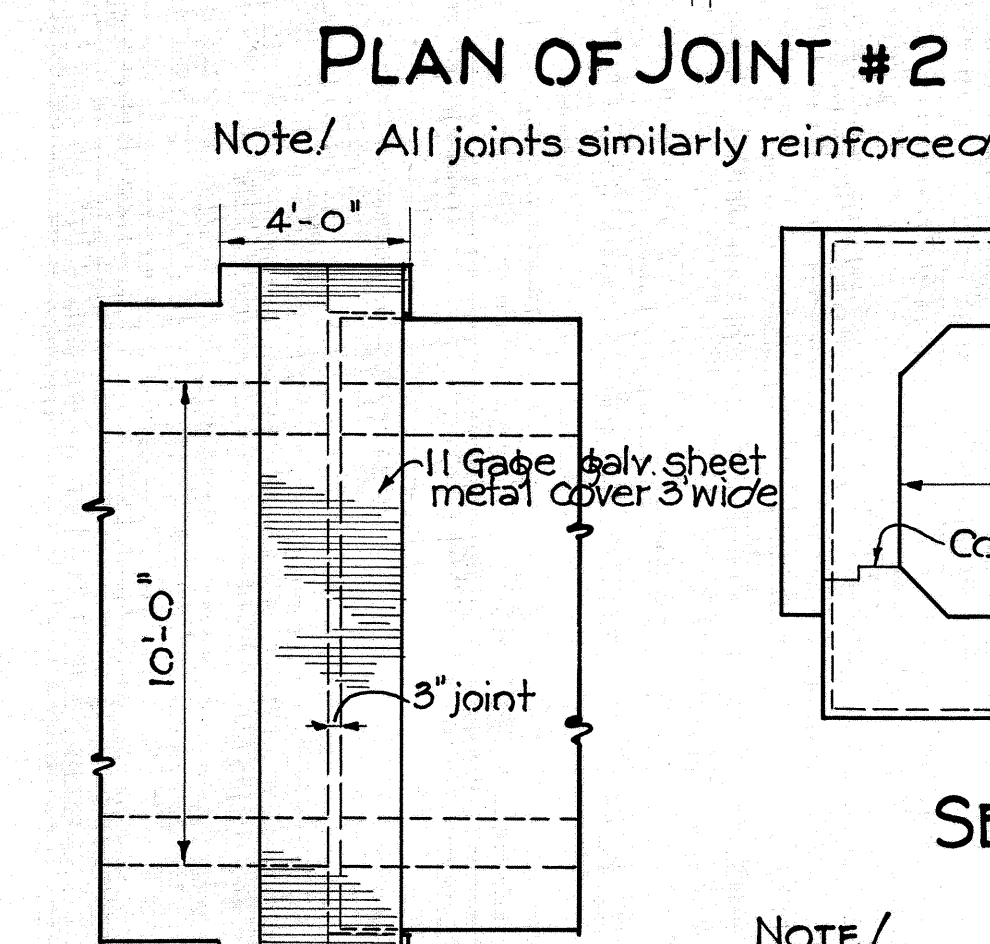
ESTIMATED QUANTITIES	
Class "A" Concrete	208 c.y.
Reinf. Steel	34,130 Lbs
Structure Exc.	193 c.y.
Channel Exc.	140 c.y.



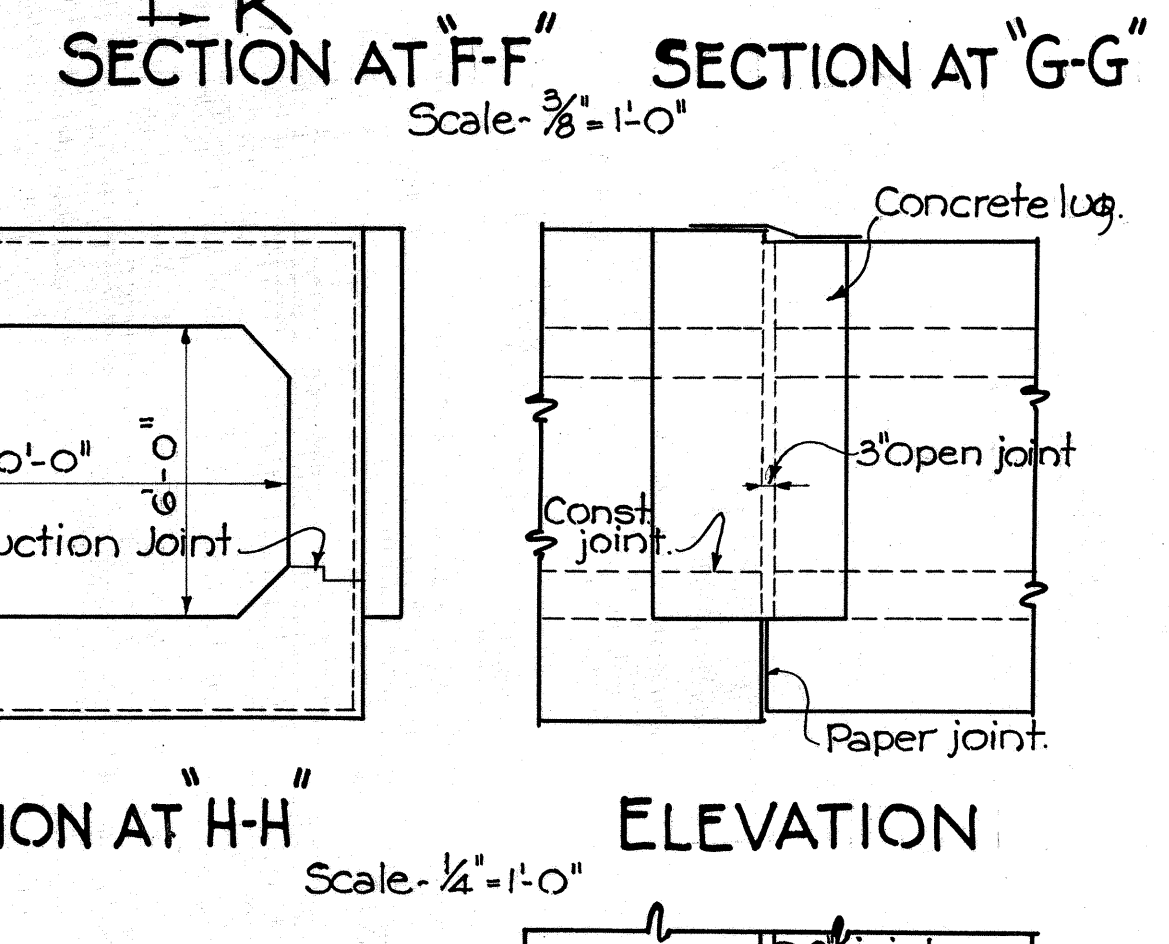
WINGWALL SECTION



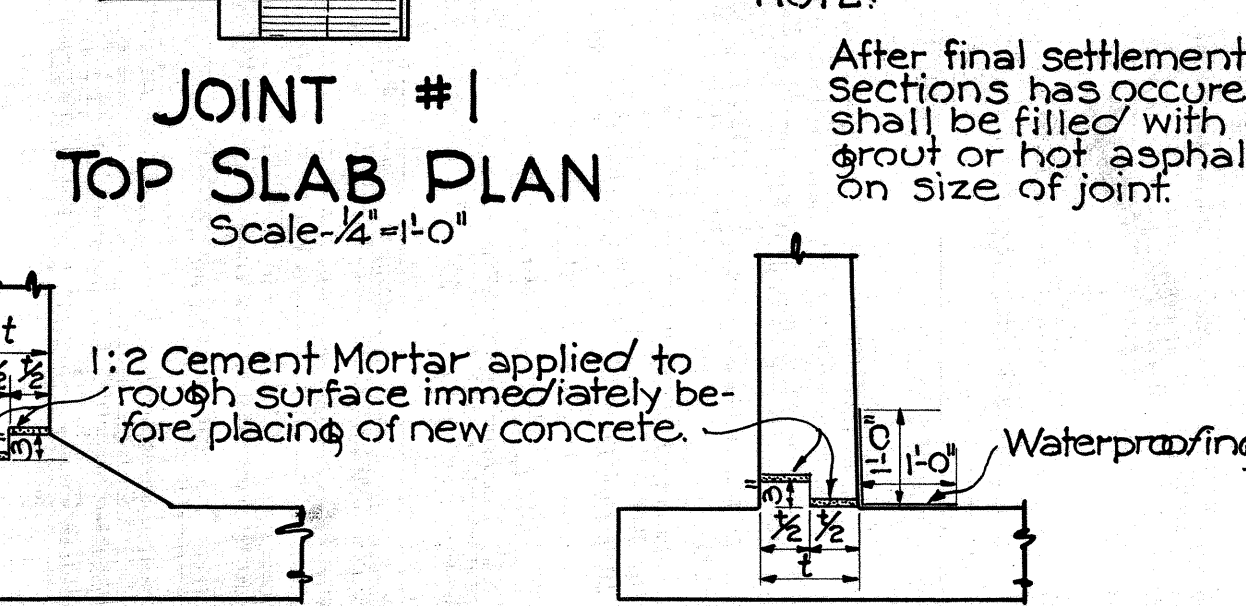
PLAN-WINGWALL



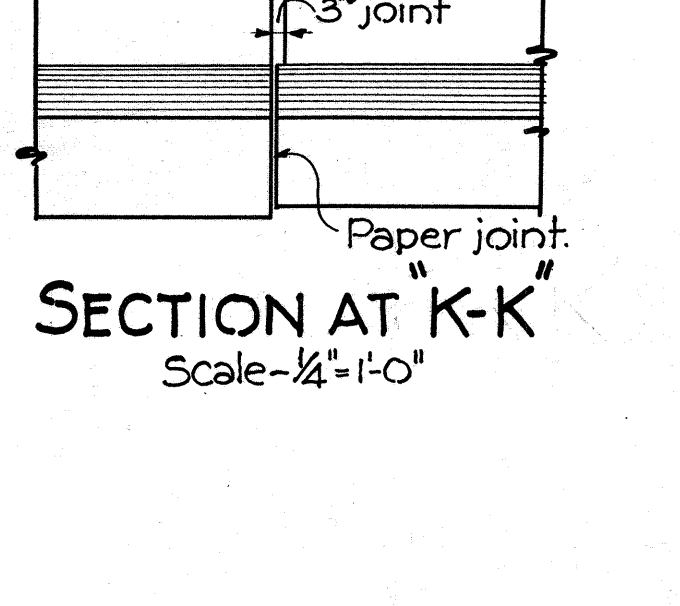
PLAN OF JOINT #2



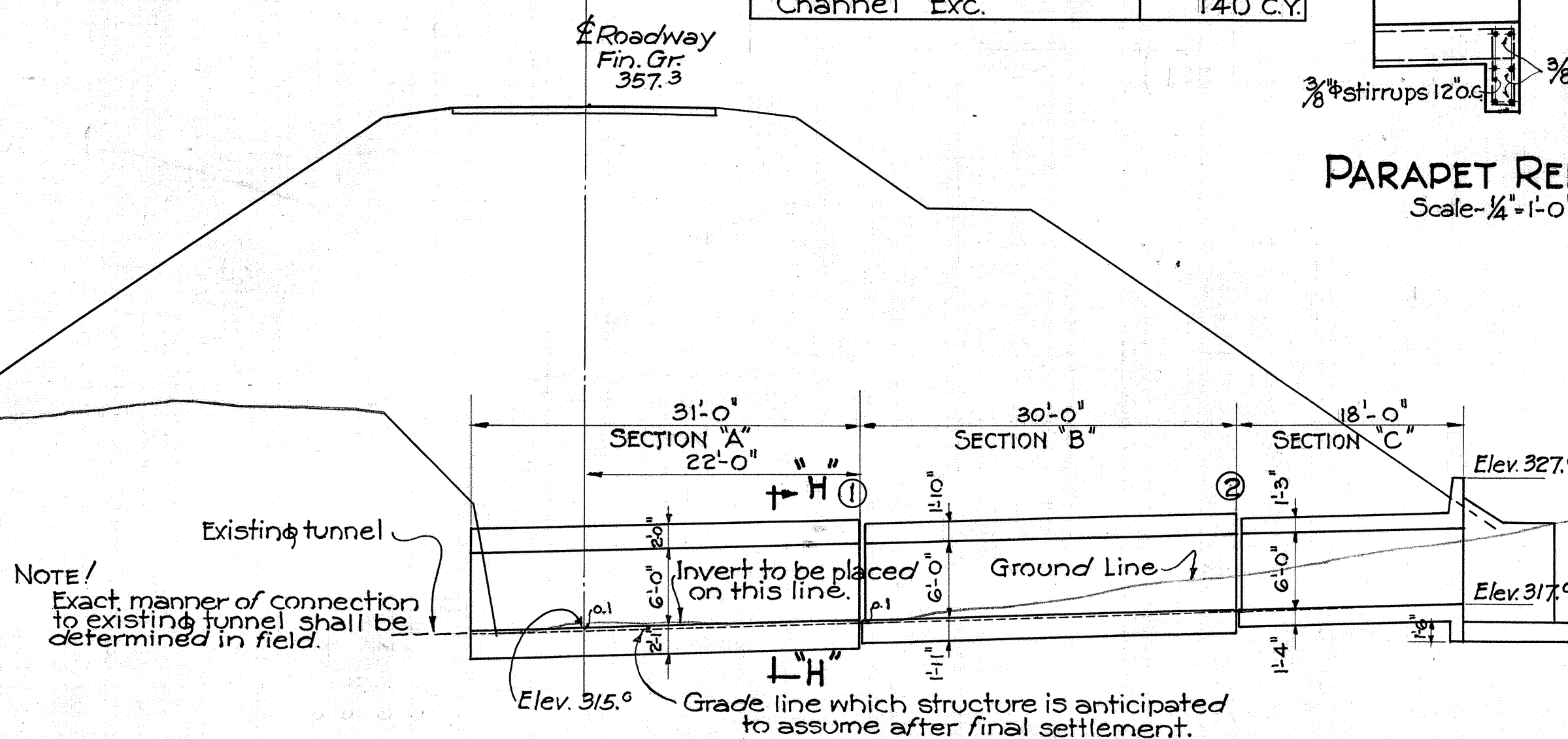
SECTION AT "F-F" SECTION AT "G-G"



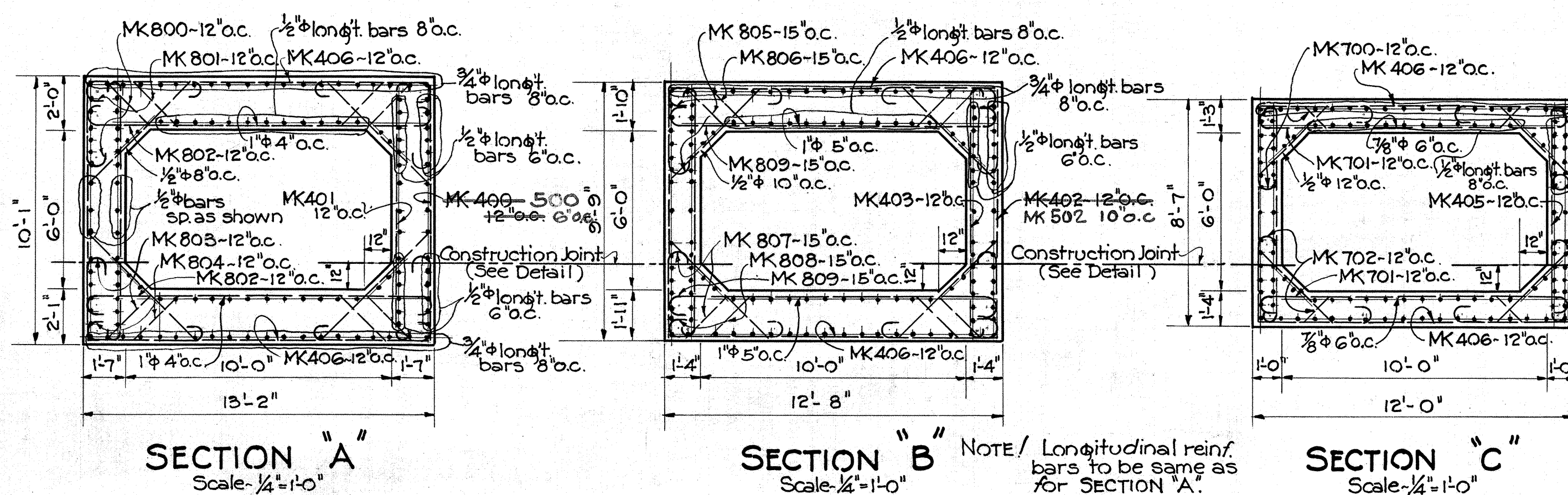
JOINT #1
TOP SLAB PLAN
Scale - 1/4" = 1'-0"



A diagram showing a 3-joint paper joint. It consists of three rectangular pieces of paper. The first piece is on the left, the second is in the middle, and the third is on the right. The second piece is placed over the first, and the third piece is placed over the second. The joints are labeled "3 joint" and "Paper joint".



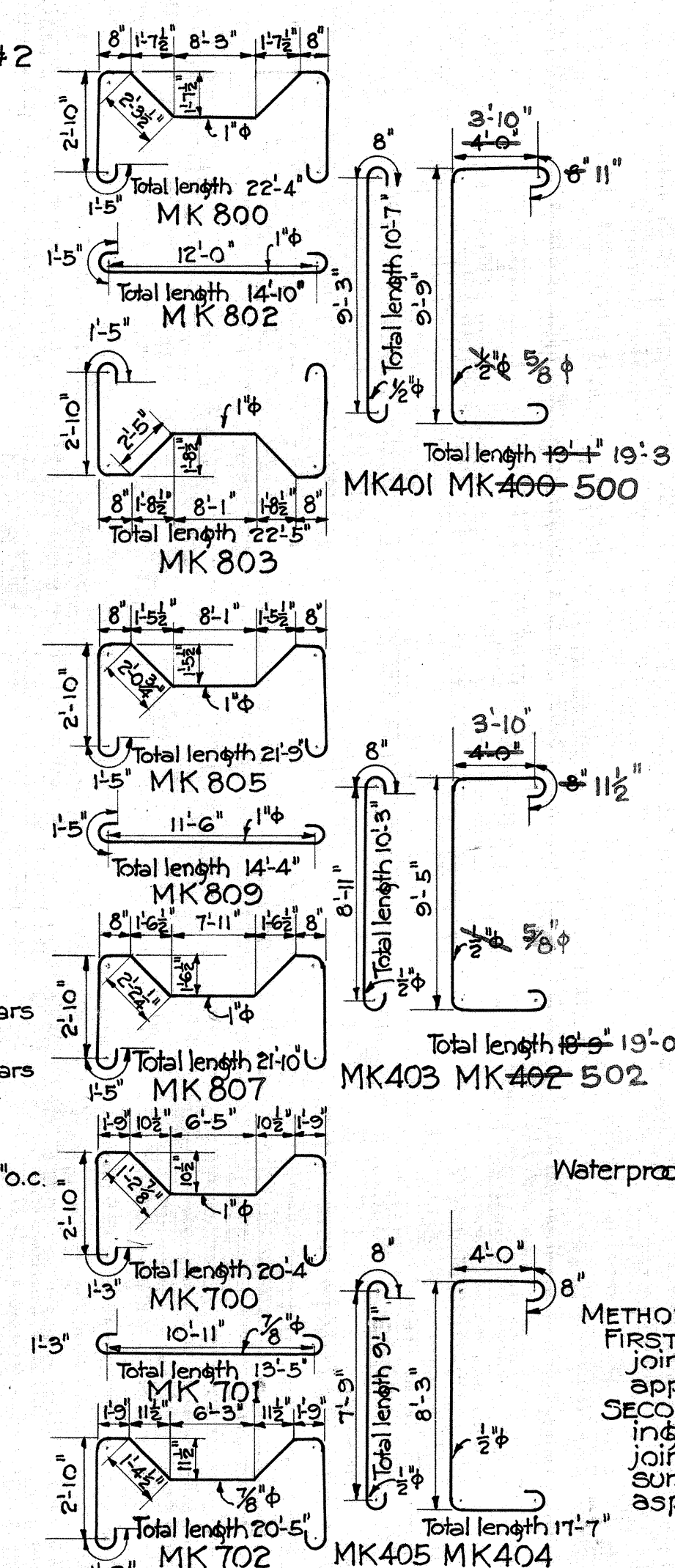
LONGITUDINAL SECTION
Scale ~ 1" = 10'-0"



SECTION "A"
Scale: 1/4" = 1'-0"

SECTION "B"
Scale - 1/4" = 1'-0"

SECTION "C"
Scale $\frac{1}{4}" = 1'-0"$



CONSTRUCTION JOINT

METHOD OF APPLYING WATERPROOFING:
FIRST: Mop surface 18" either side of joint with asphalt, 85-100 penetration, applied at 200°F.
SECOND: Apply one layer of 2-ply roofing paper lapping 12" either side of joint to hot asphalt, then mop entire surface with a thick coat of hot asphalt.

GENERAL NOTES: All construction joints to be constructed according to details on this sheet.

Bottom construction joints in culverts to be placed at top of haunches only.

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

6'x10' BOX CULVERT
AT STA. 259+05

Kauai Belt Rd. F.A.P. 12 I	Kauai, T. H. Oct. 1936
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