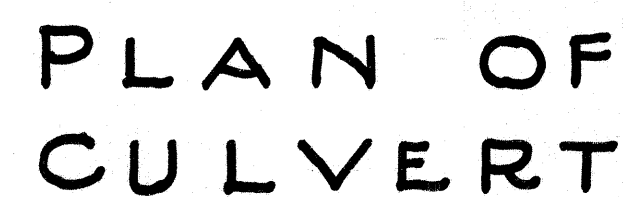
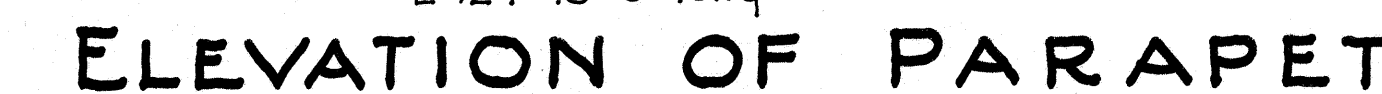
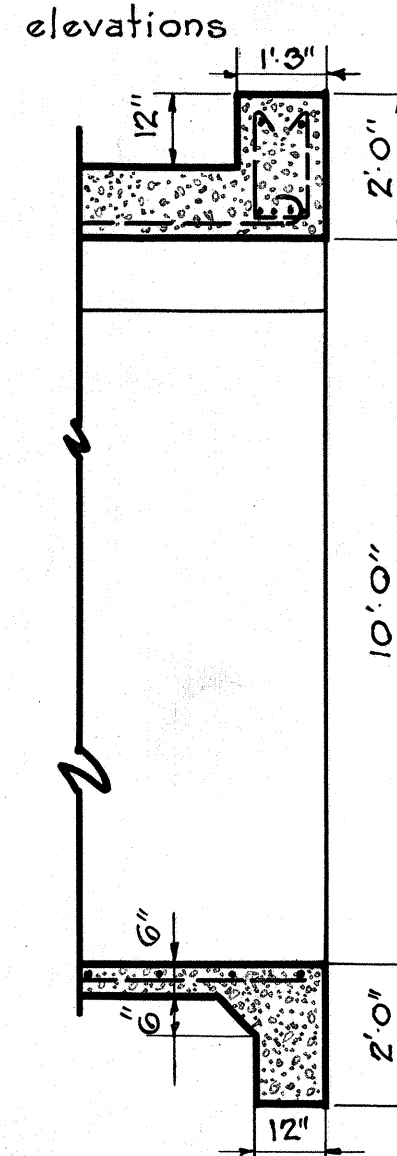
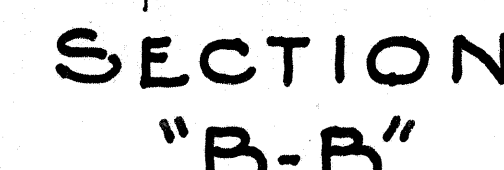
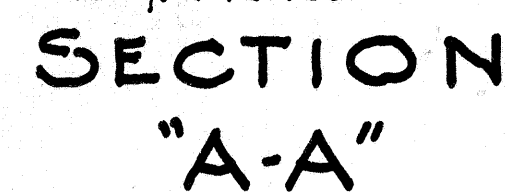


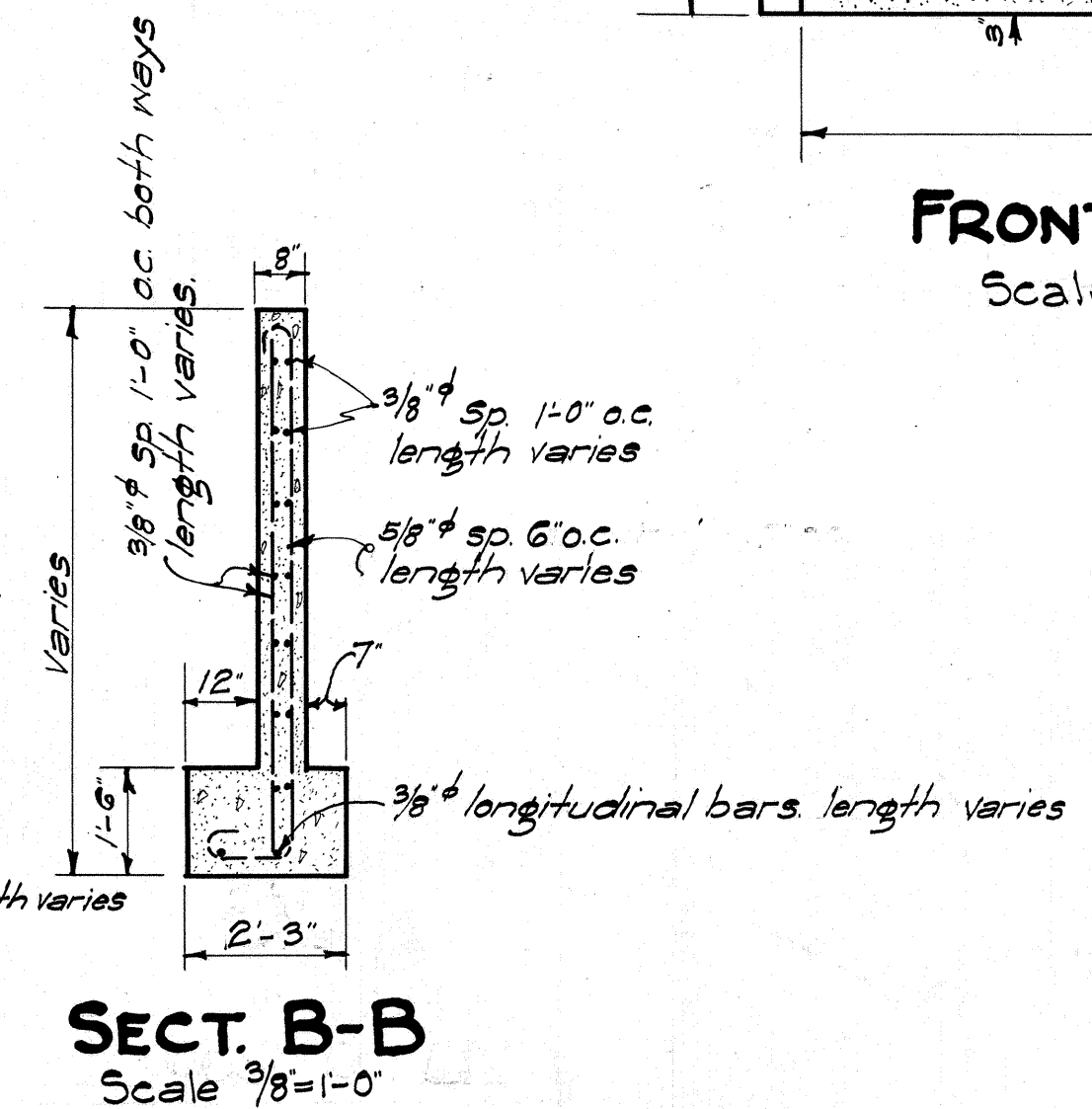
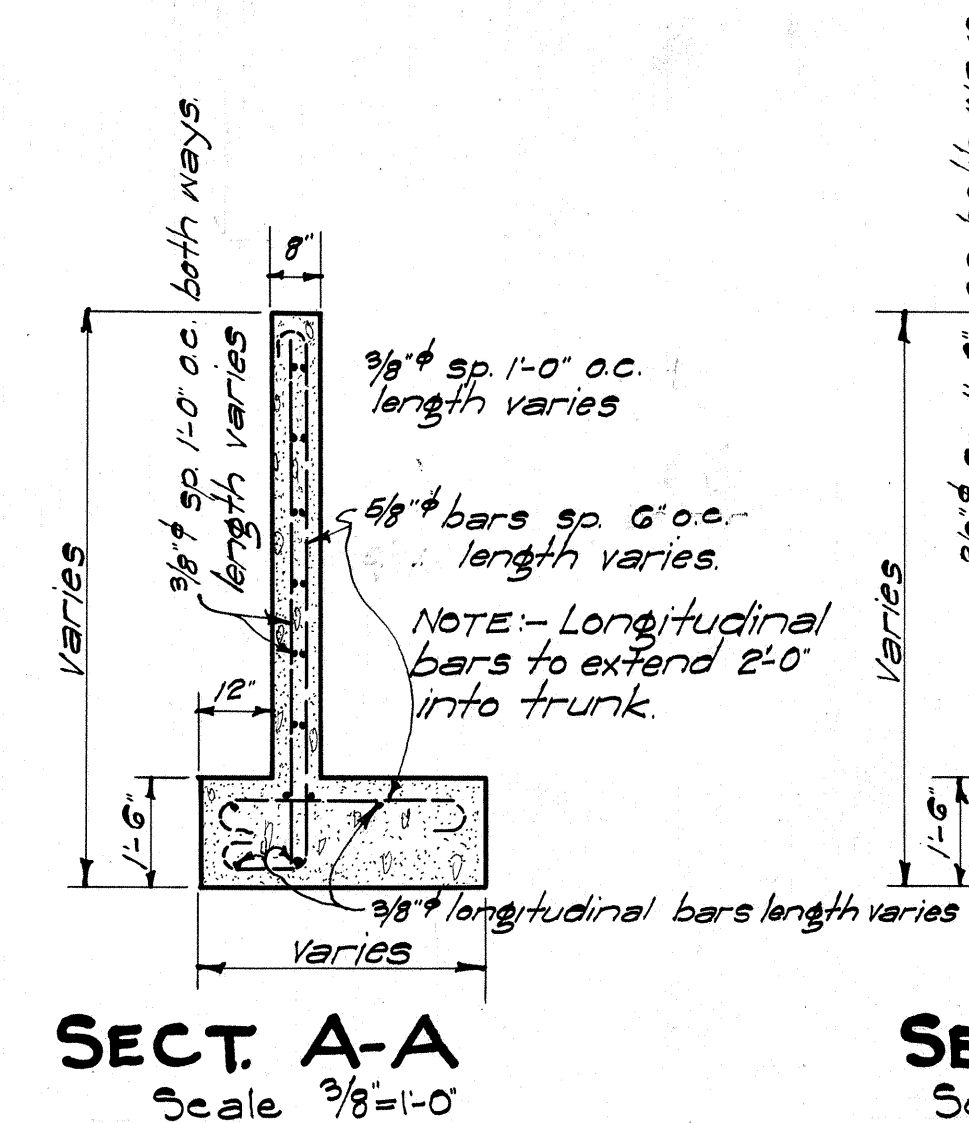
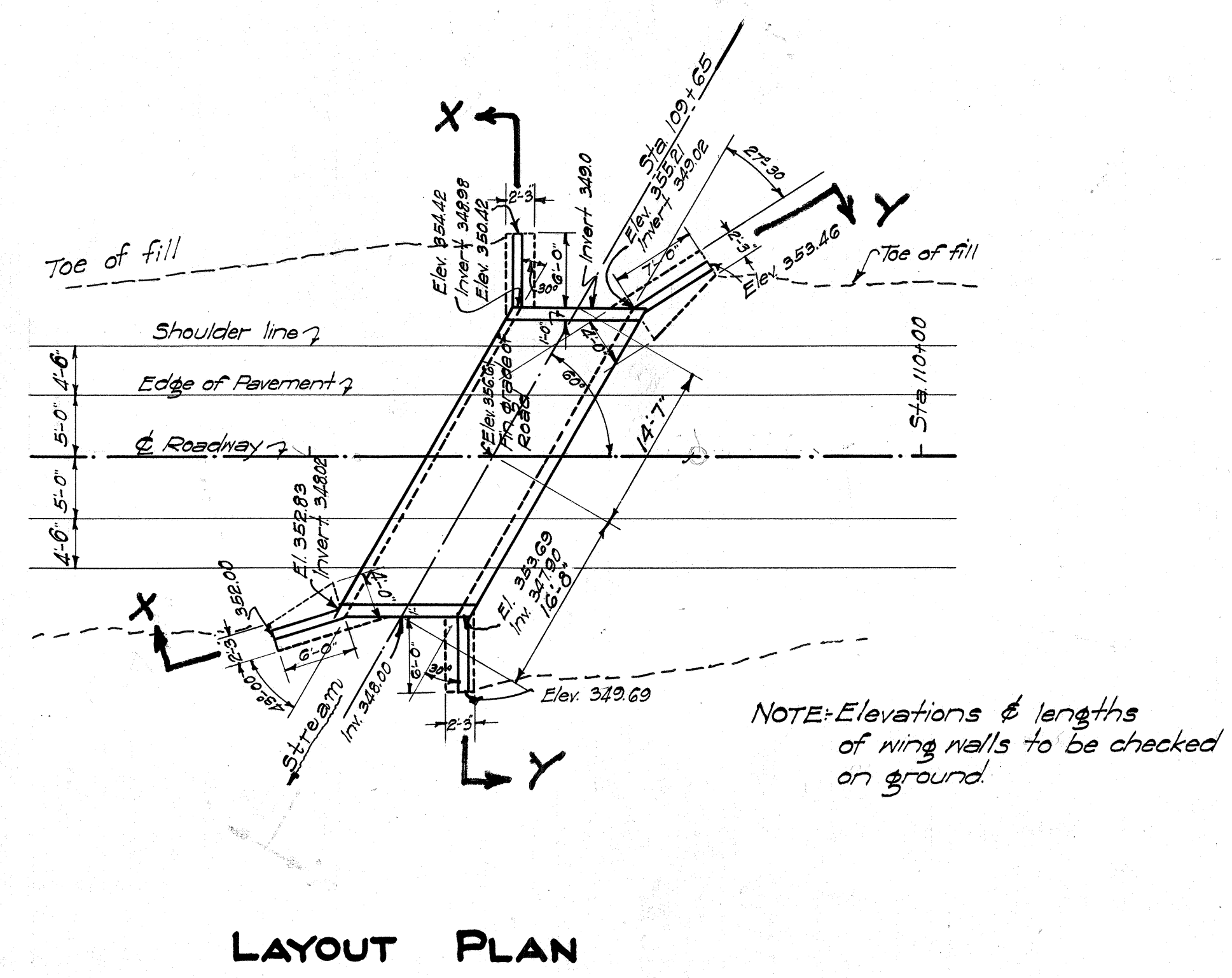
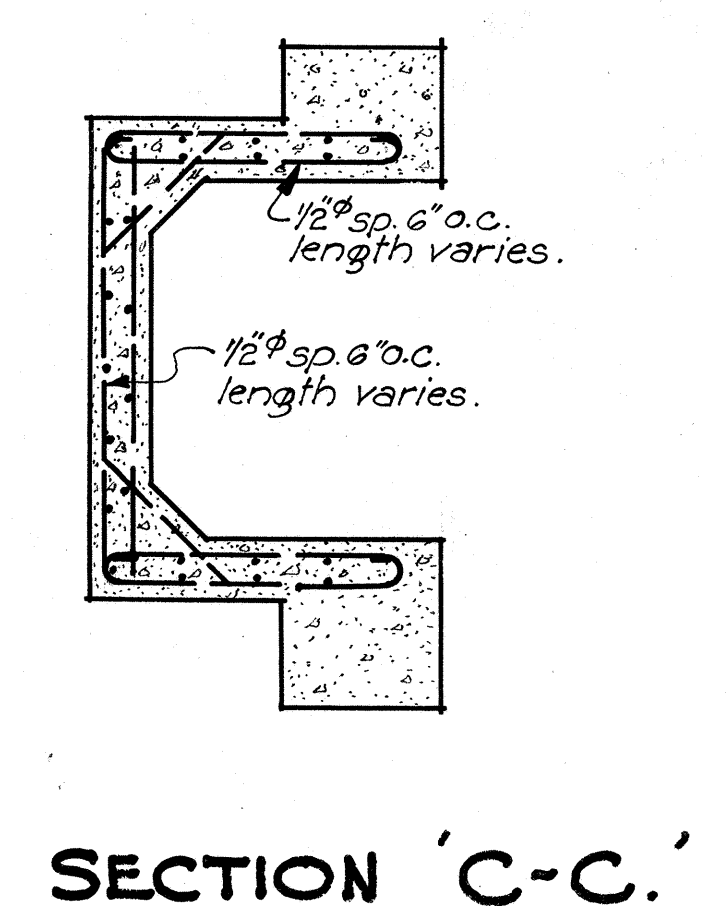
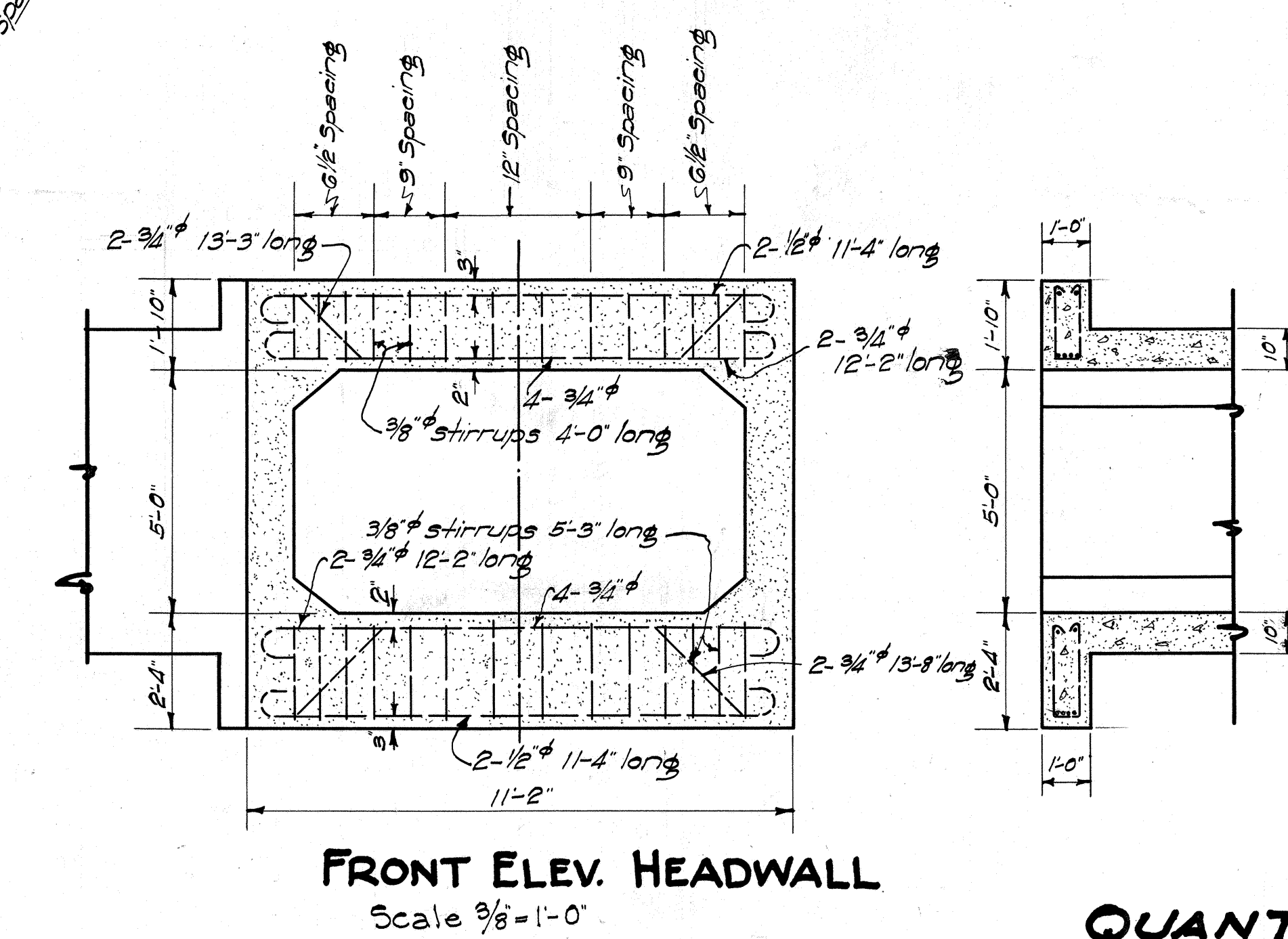
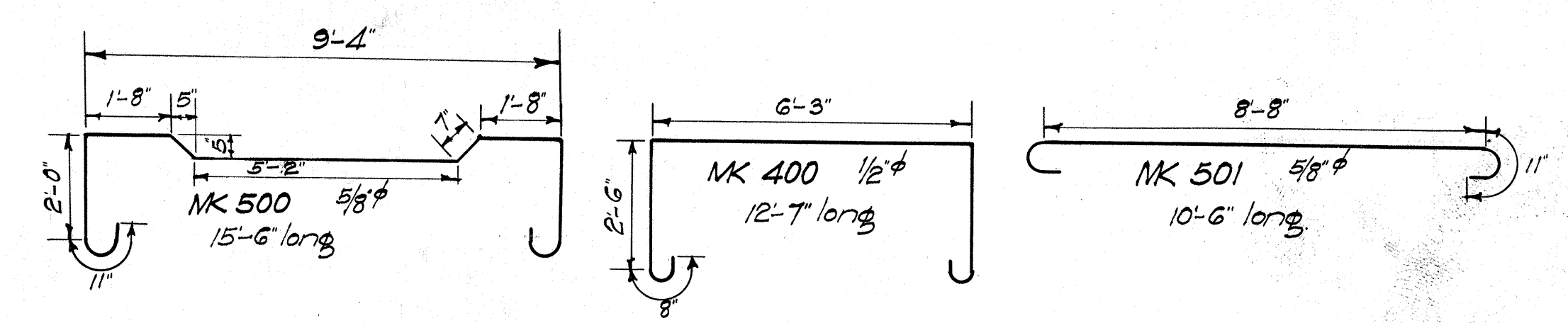
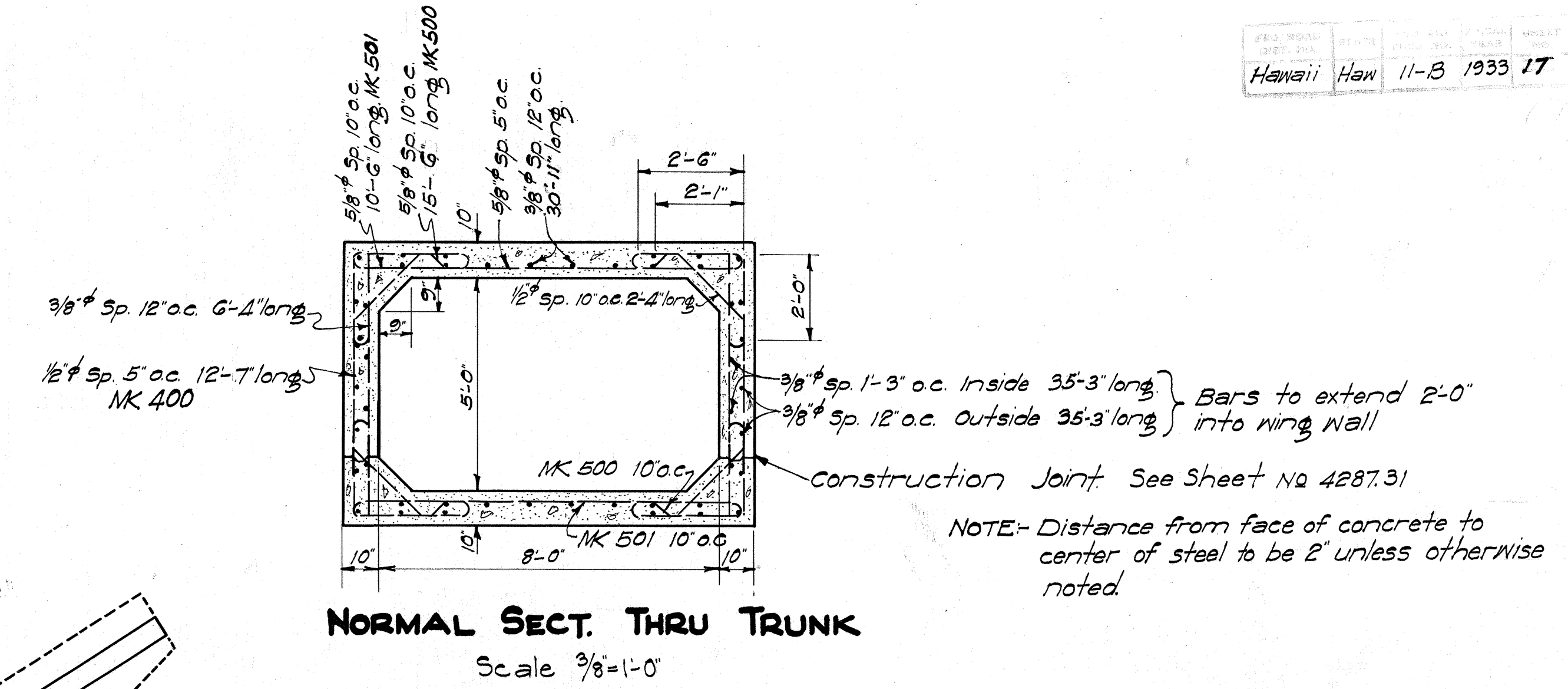
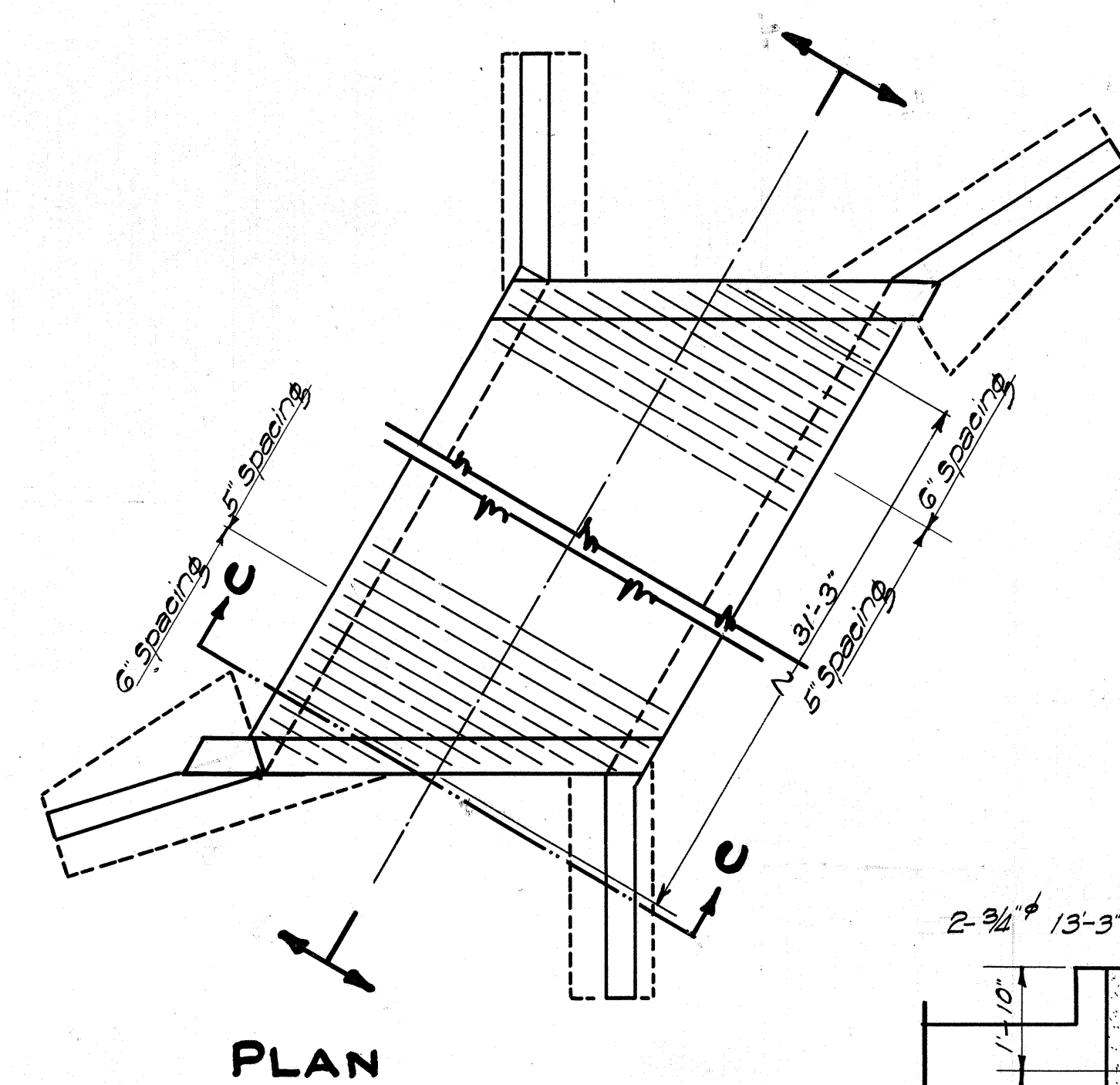
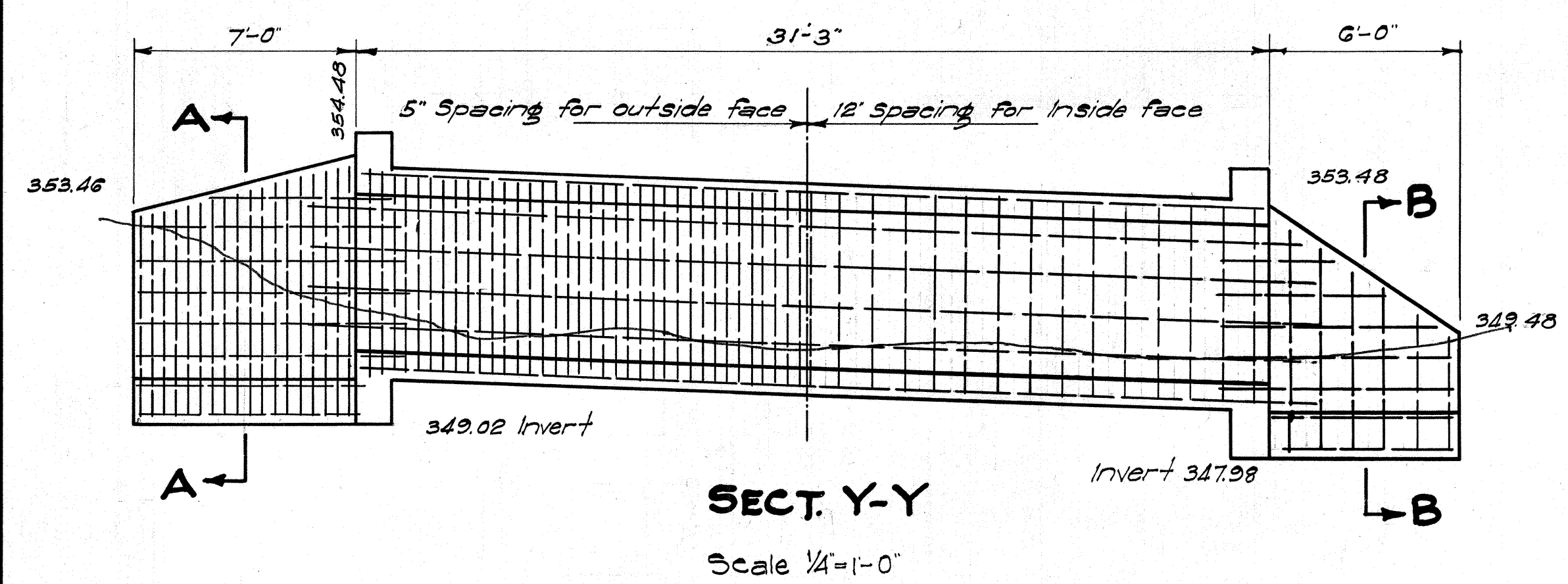
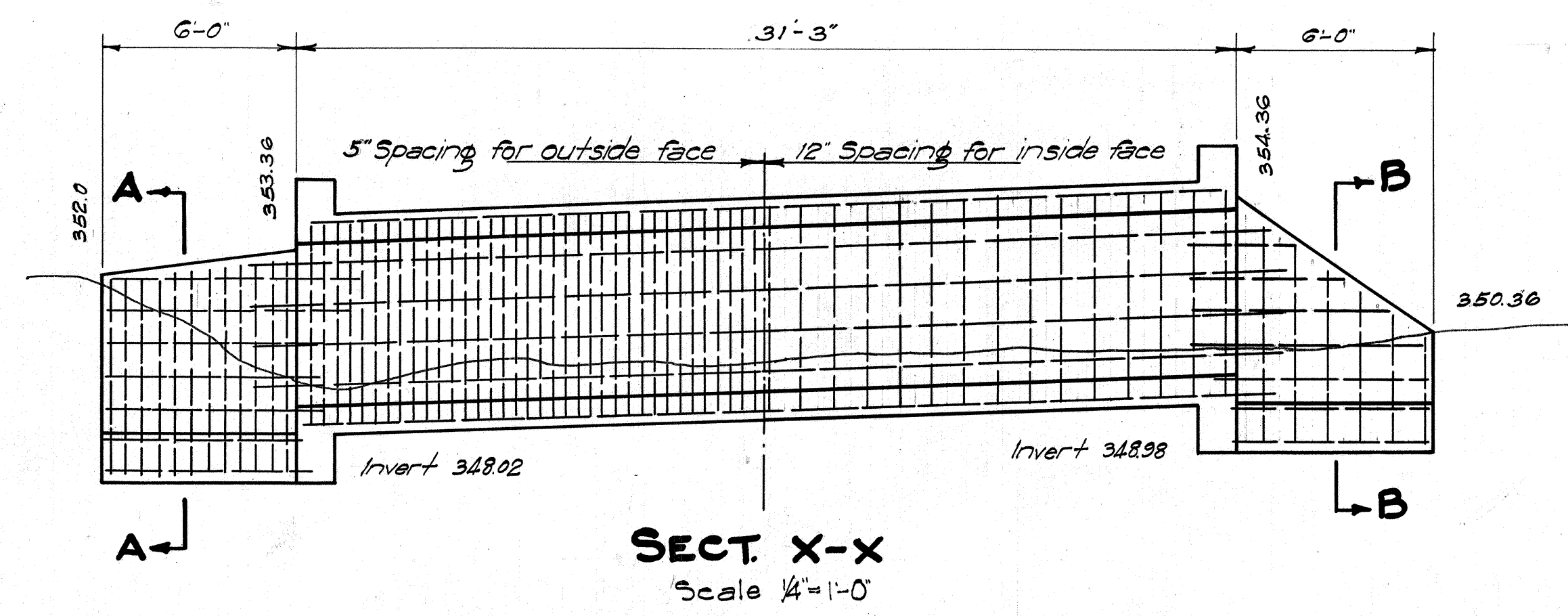
AT STATION	53+55
Size of trunk	12' x 10'
Length	35'-3"
Total concrete in structure	94 cu. Yds
" steel " "	9,500 #
Structural Exc.	134 cu Yds
Channel Exc.	392 " "



NOTE!
See sheet № 4287.31
for construction
joint details.



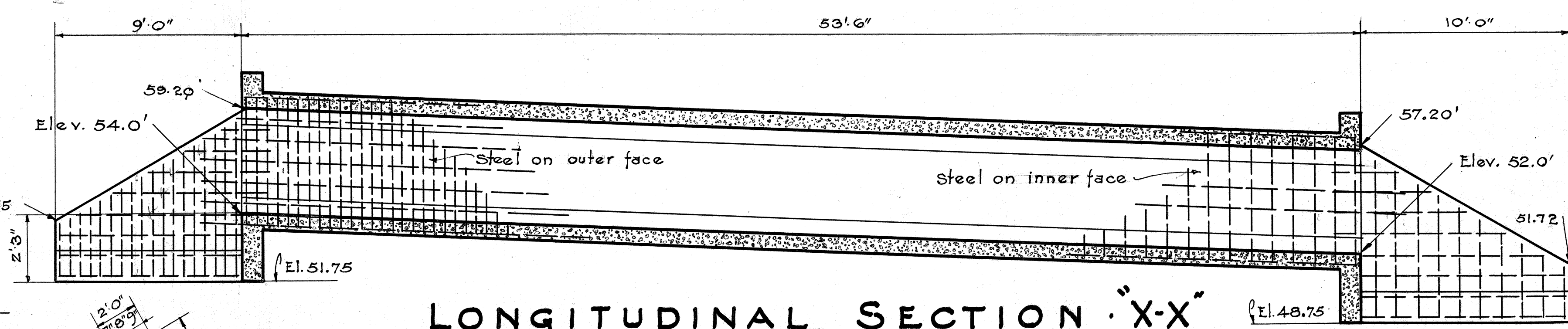
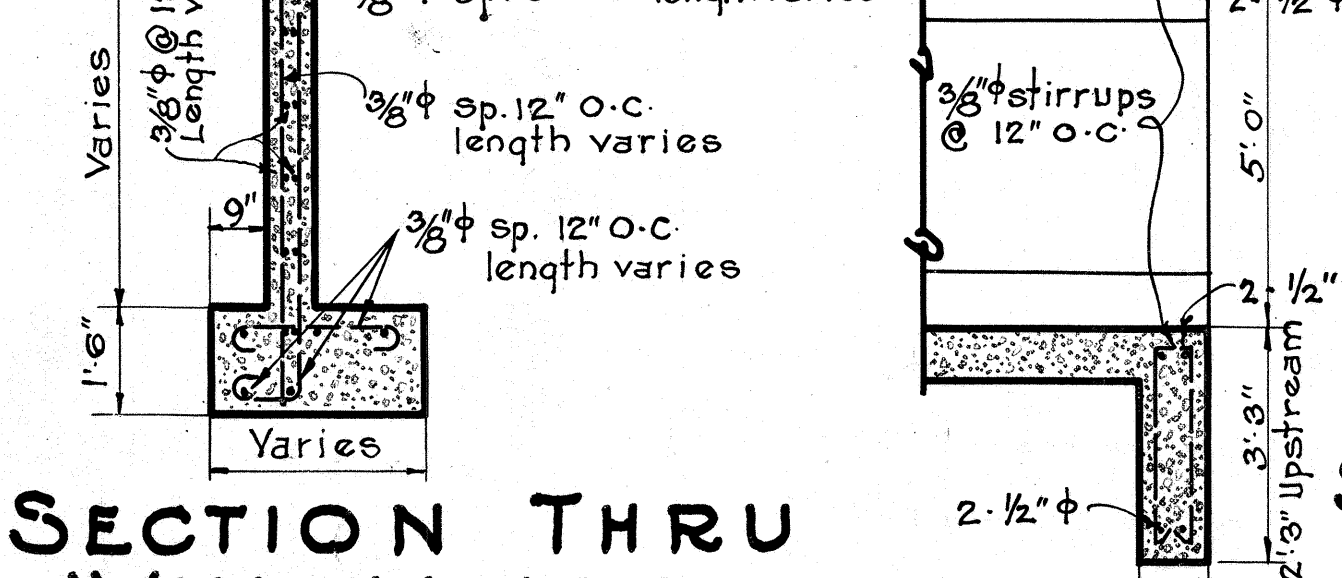
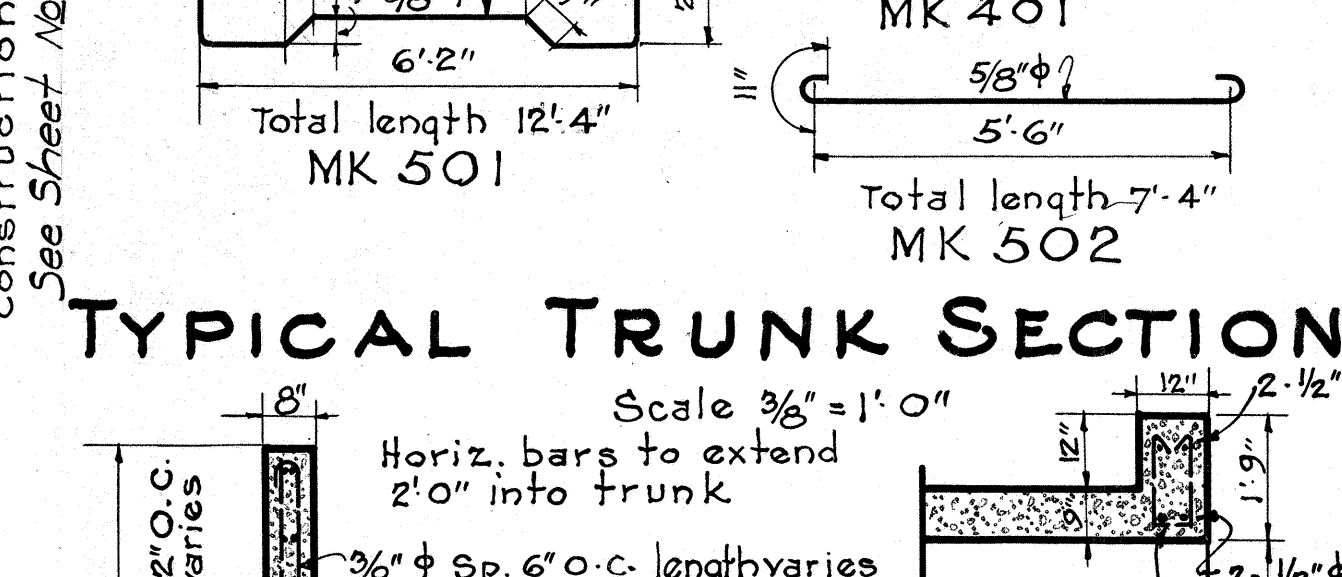
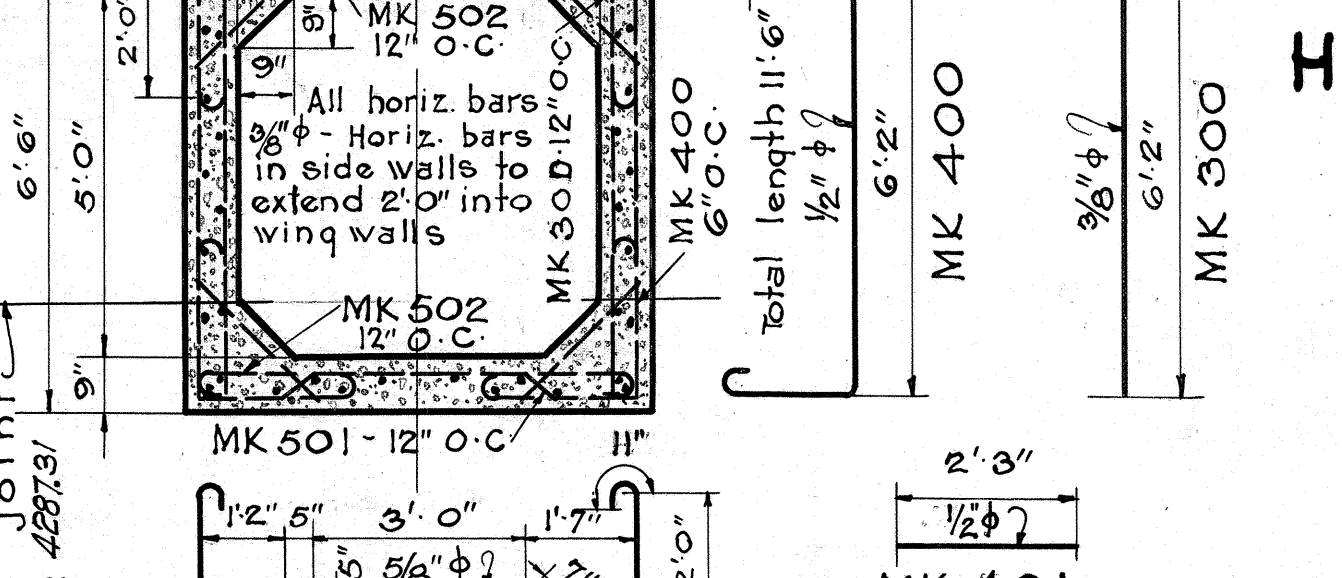
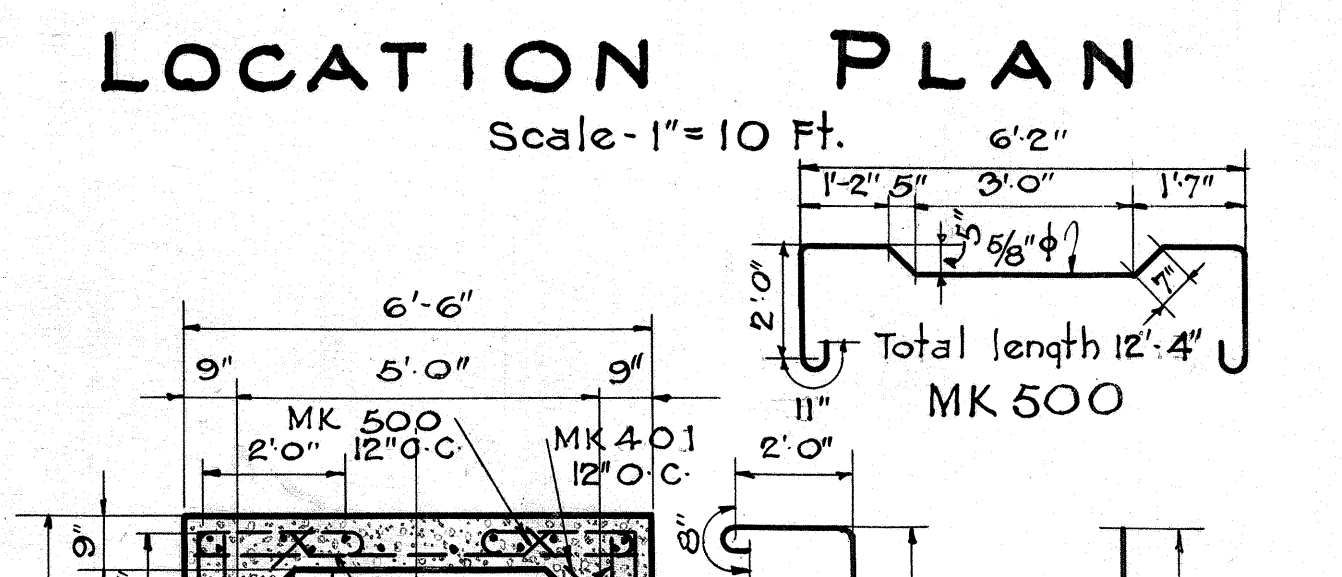
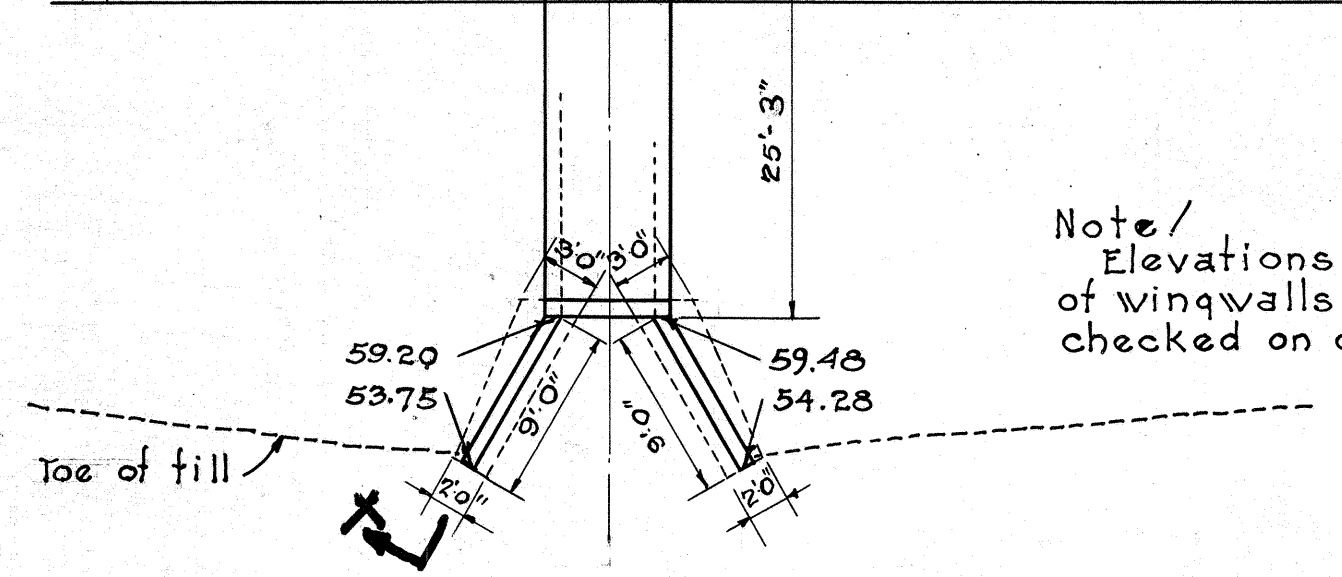
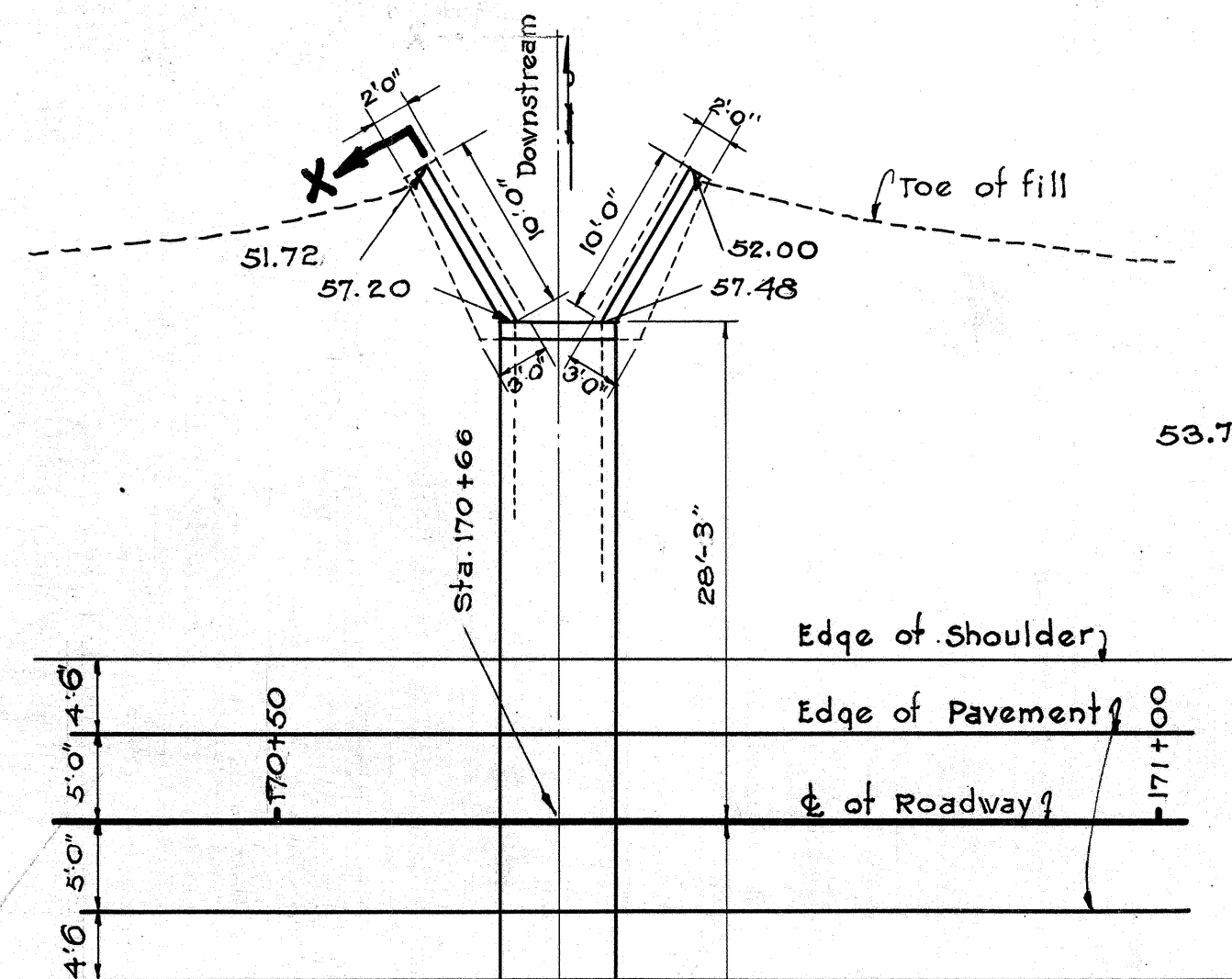
DETAILS of BOX CULVERTS
SHEET 2 OF 6 SHEETS



QUANTITIES

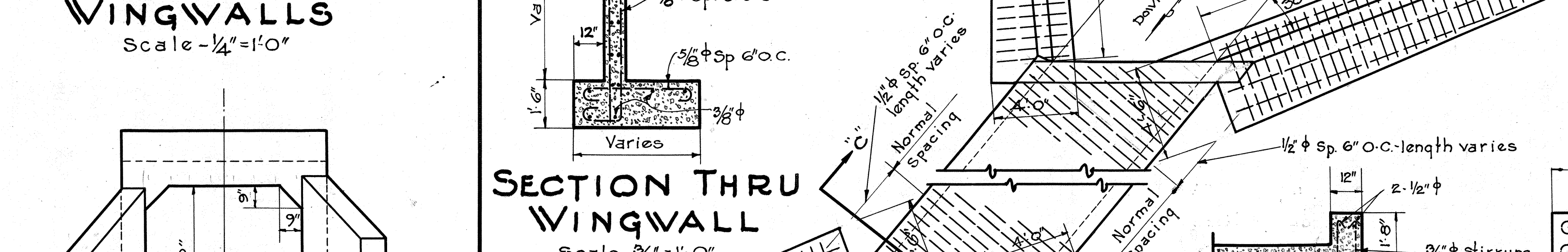
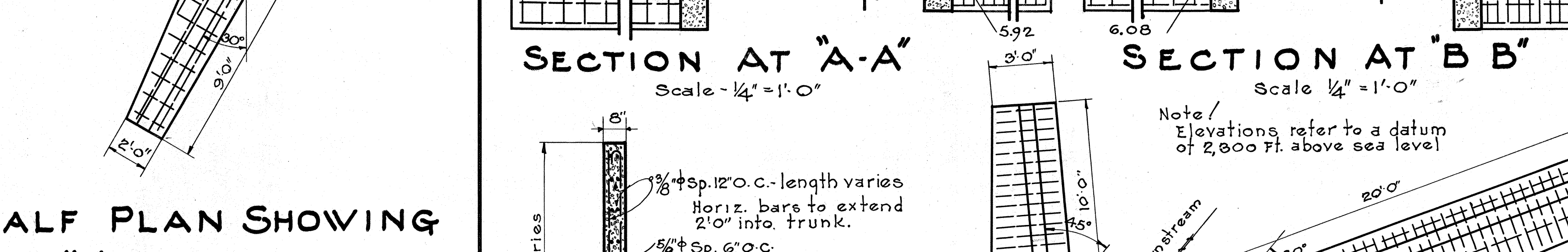
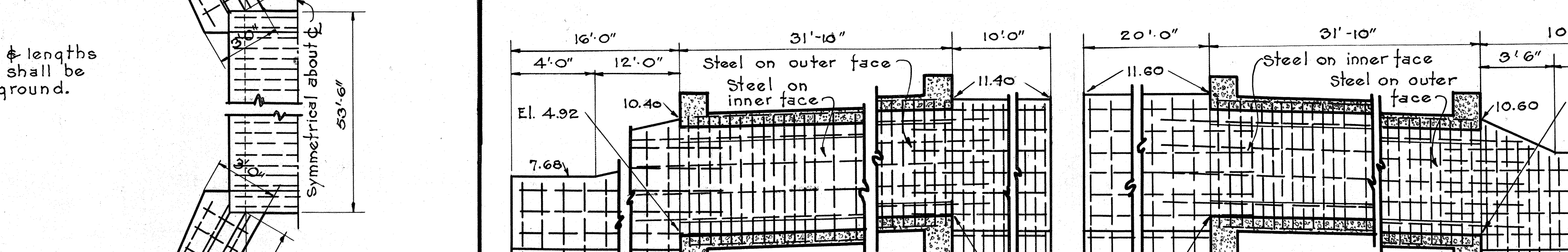
Total Concrete	36 Cu. Yds.
Total Steel	5,292 lbs
Structure Exc.	75 Cu. Yds.
Channel Exc.	40 Cu. Yds.

DETAIL OF 8'x5' BOX CULVERT
AT STA. 109+65
F.A.P. 118
Sheet 3 of 6 Sheets



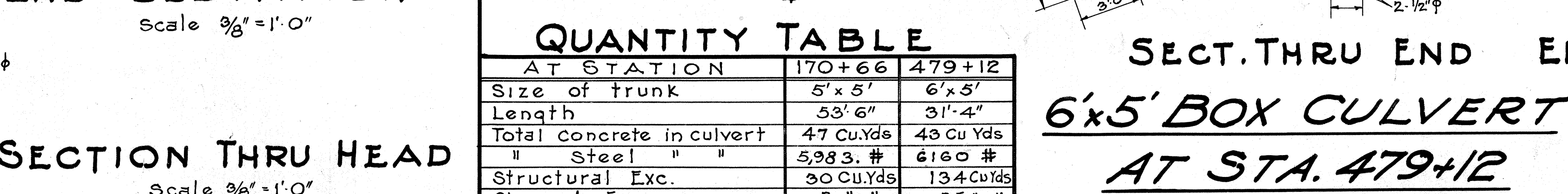
DETAILS OF 5'x5' BOX CULVERT AT STA. 170+66

NOTE!
See sheet No. 5 for construction joint details.



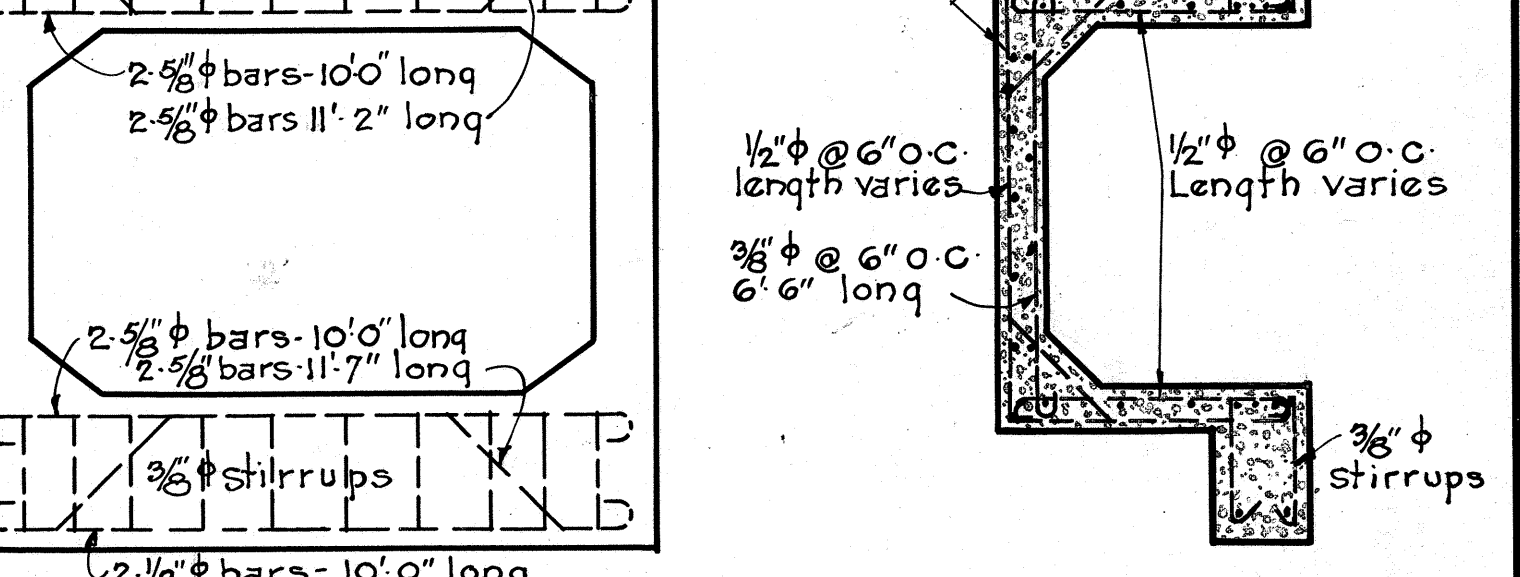
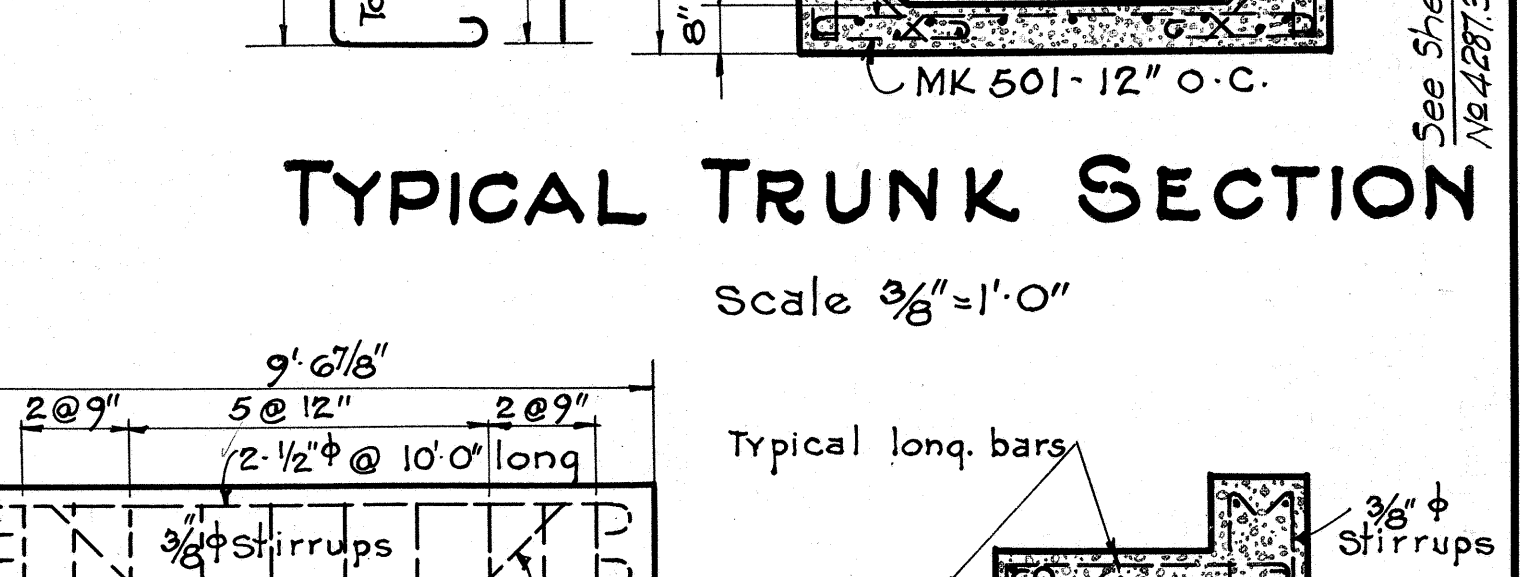
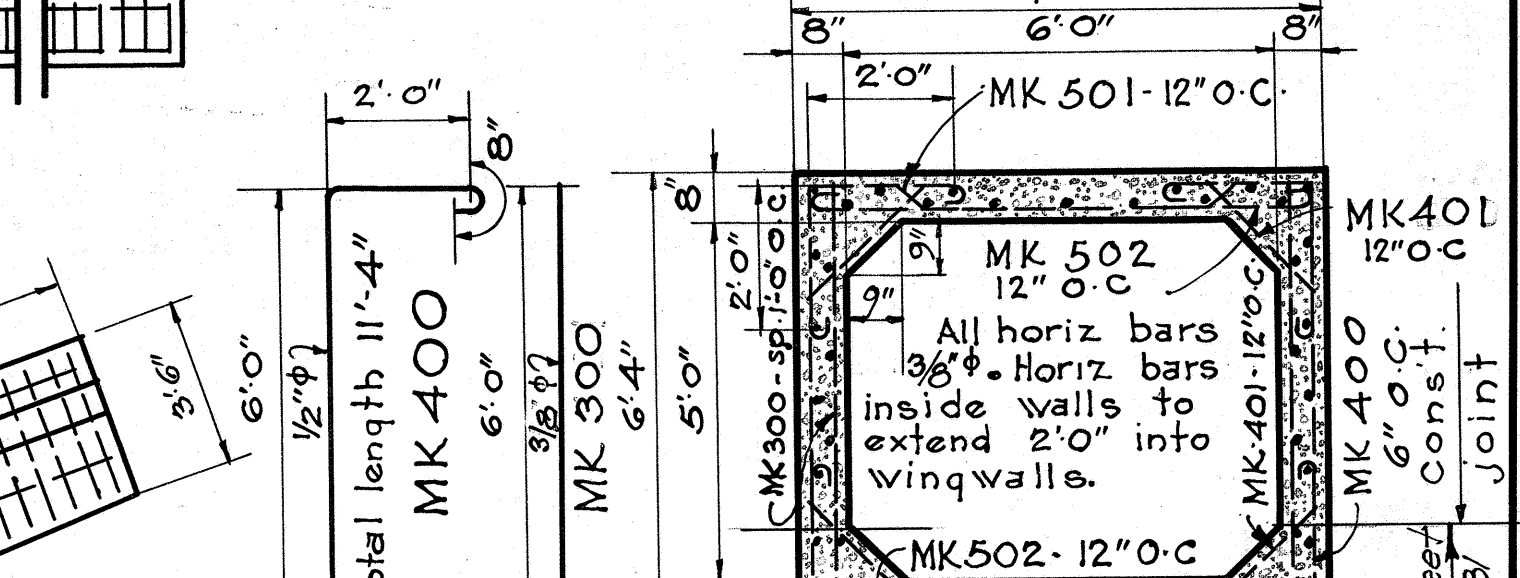
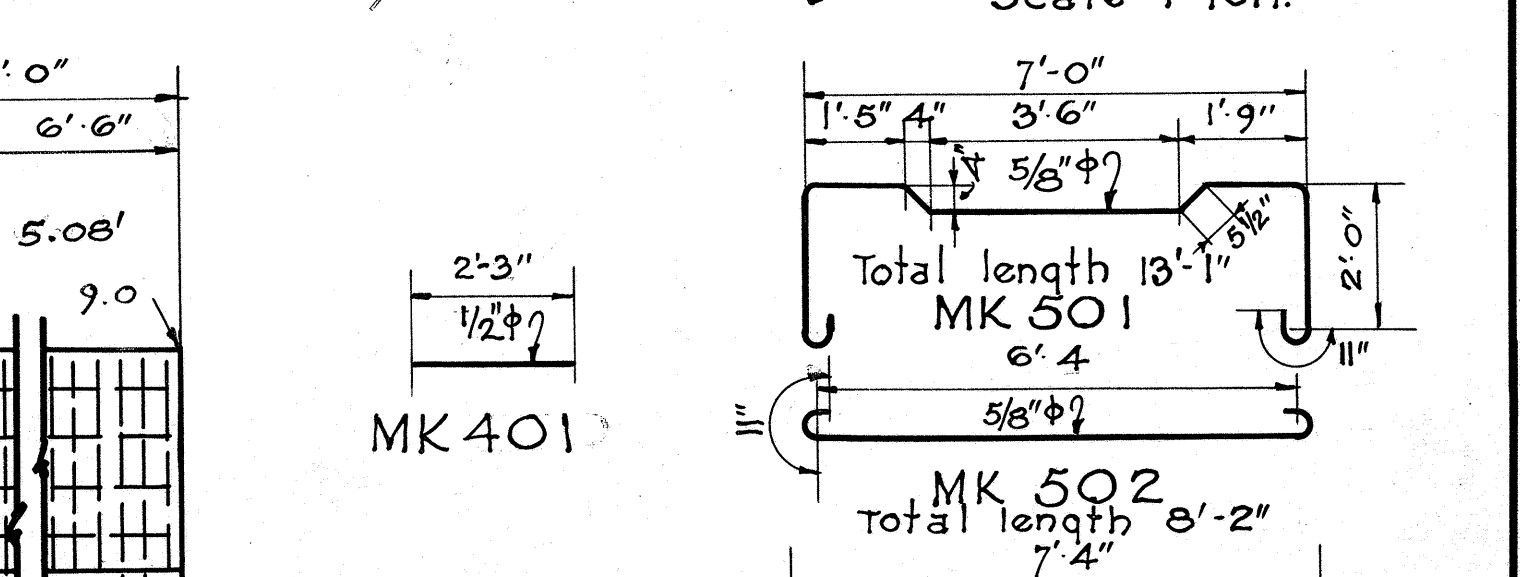
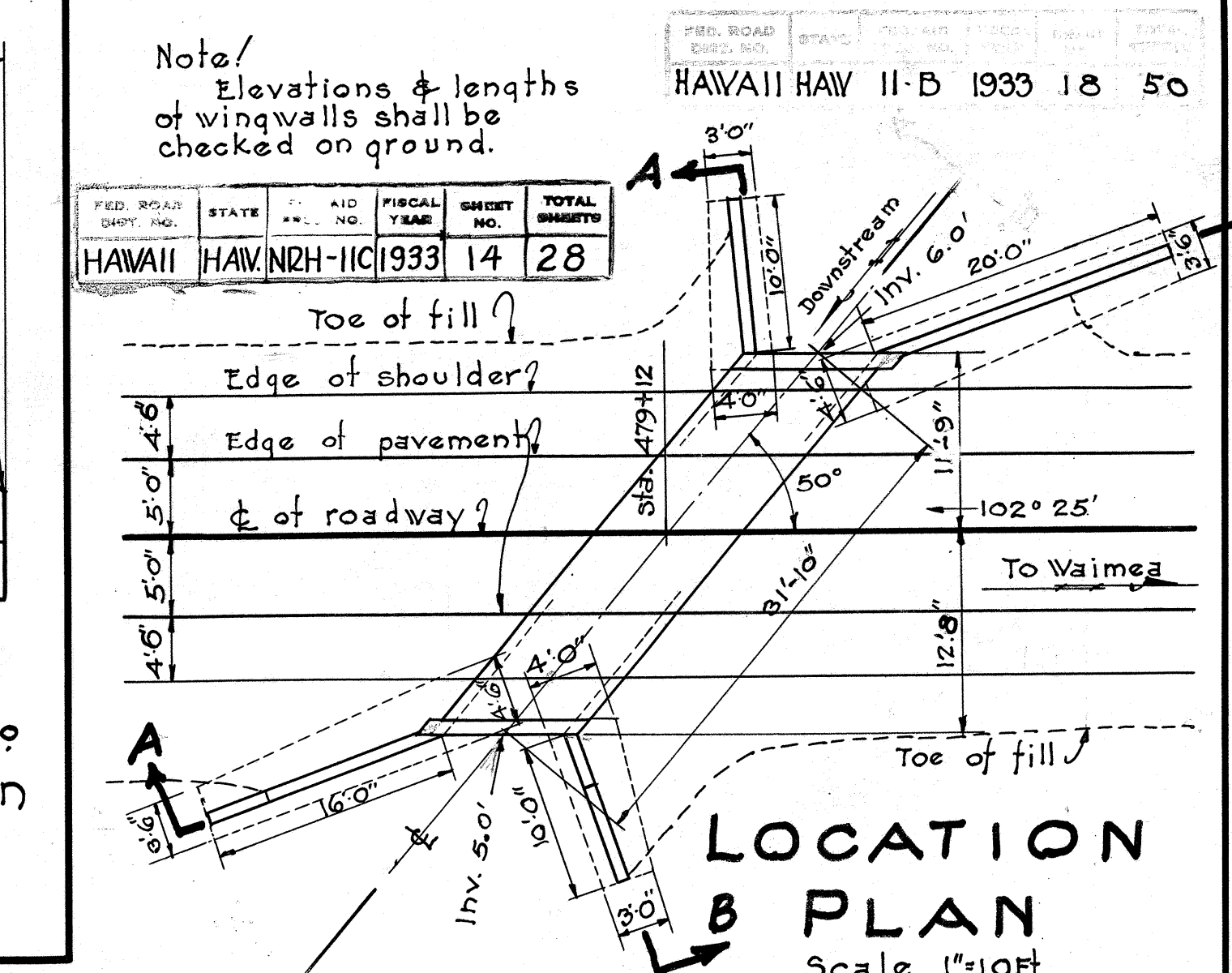
QUANTITY TABLE

AT STATION	170+66	479+12
Size of trunk	5' x 5'	6' x 5'
Length	53' 6"	31' 4"
Total concrete in culvert	47 Cu.Yds	43 Cu.Yds
Steel	5983. #	6160 #
Structural Exc.	30 Cu.Yds	134 Cu.Yds
Channel Exc.	2 "	25 "



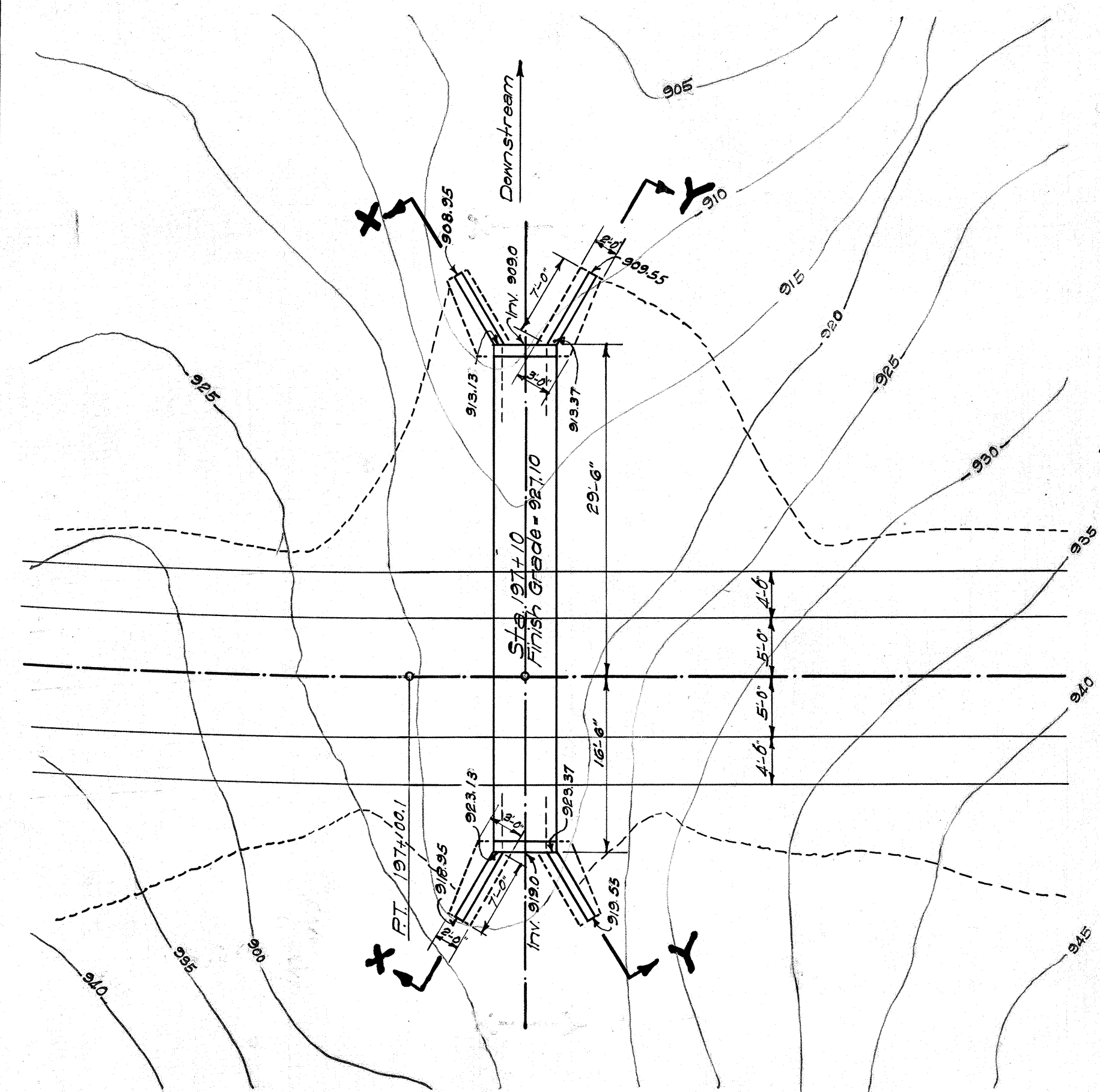
6'x5' BOX CULVERT AT STA. 479+12

DETAILS OF BOX CULVERTS
SHEET 4 OF 6 SHEETS



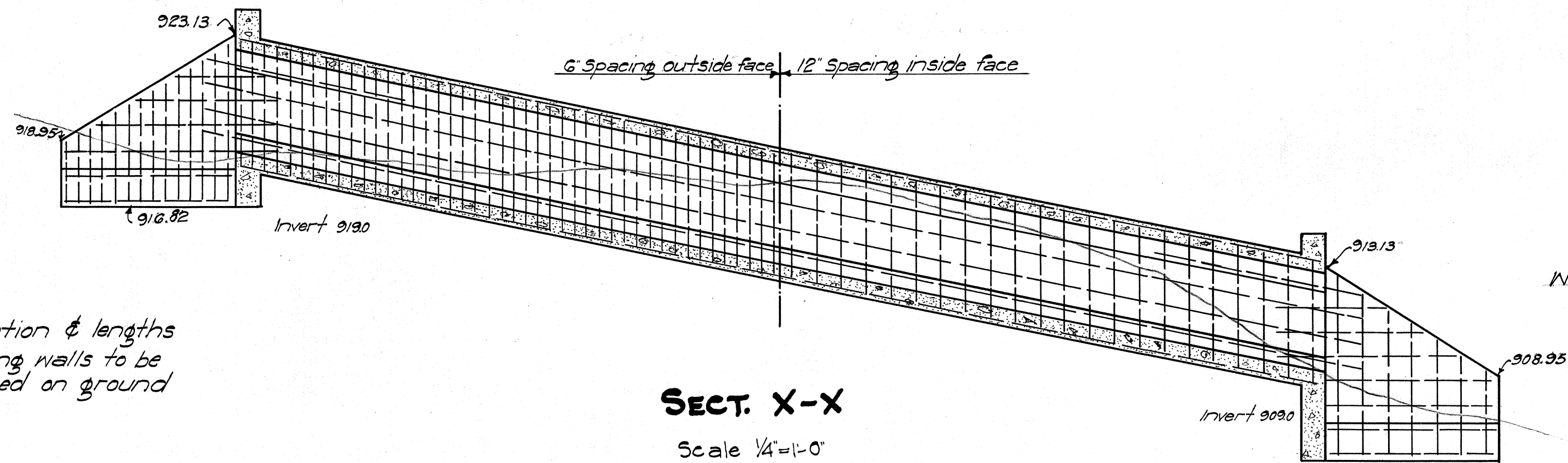
DETAILS OF BOX CULVERTS

SHEET 4 OF 6 SHEETS

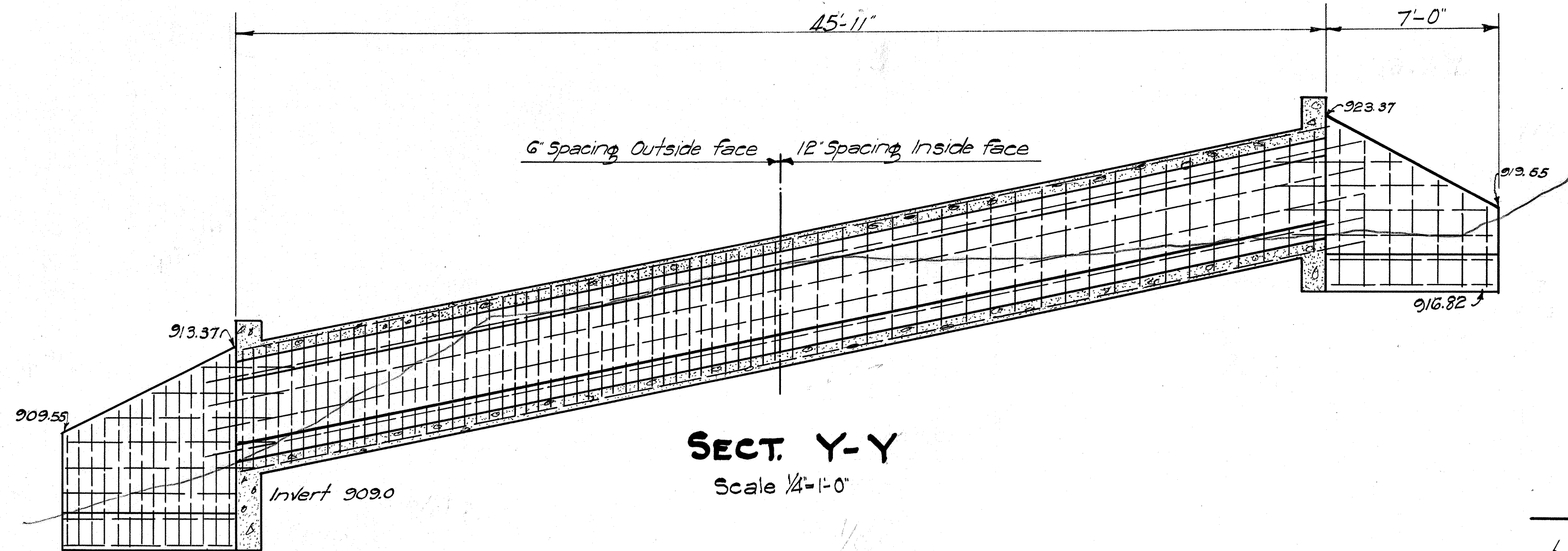


PLOT PLAN
Scale 1"=10'-0"

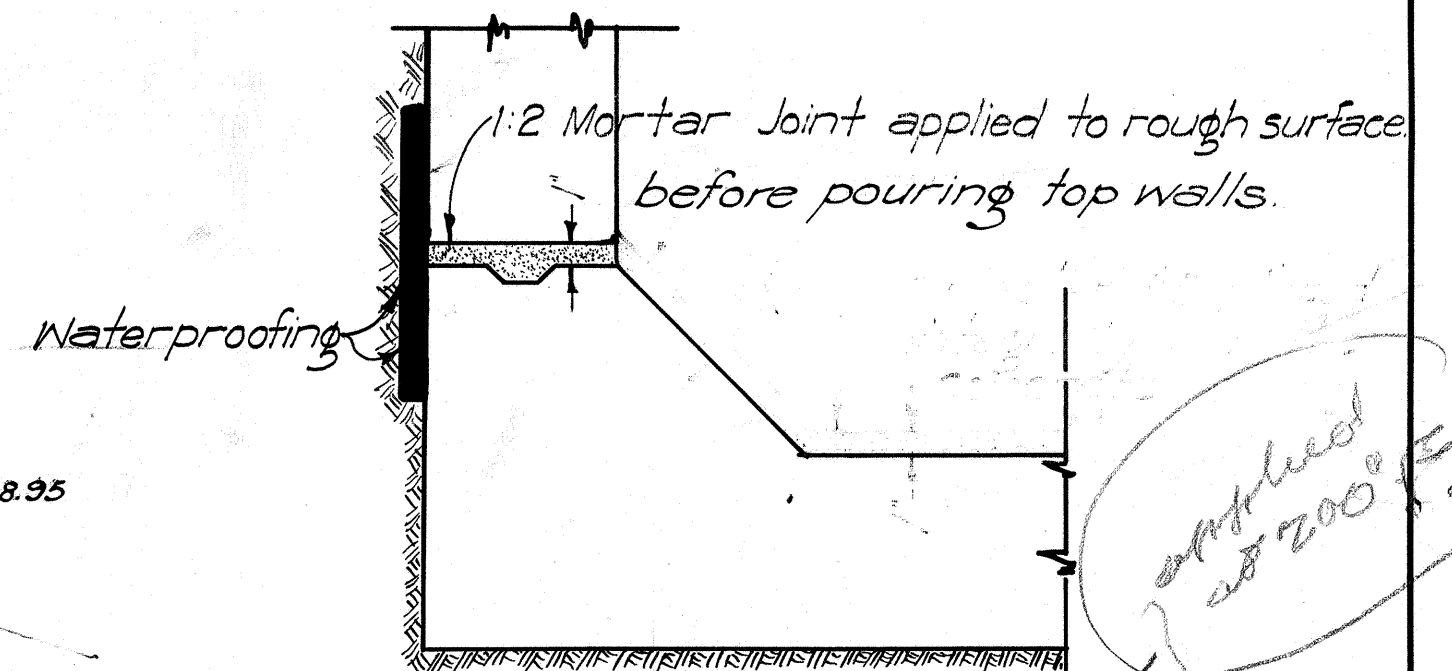
NOTE: Elevation & lengths of wing walls to be checked on ground



SECT. X-X
Scale 1/4"=1'-0"



SECT. Y-Y
Scale 1/4"=1'-0"

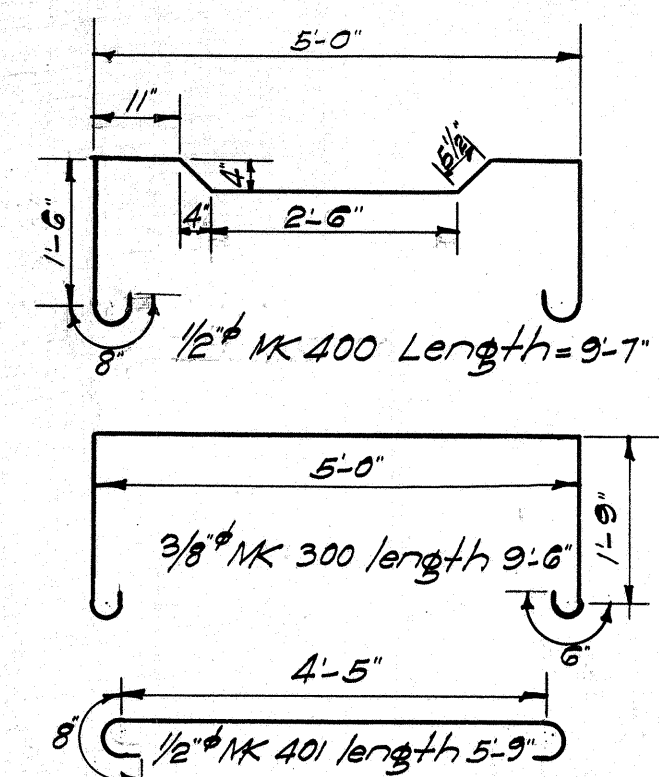


CONSTRUCTION JOINT

METHOD OF APPLYING WATERPROOFING:-
FIRST: Map surface 18" either side of Joint with ~~hot~~ asphalt, 85-100 penetration.
SECOND: Apply one layer of 2 ply roofing paper 12" either side of Joint to hot asphalt, then map entire surface with a thick coat of ~~hot~~ asphalt.

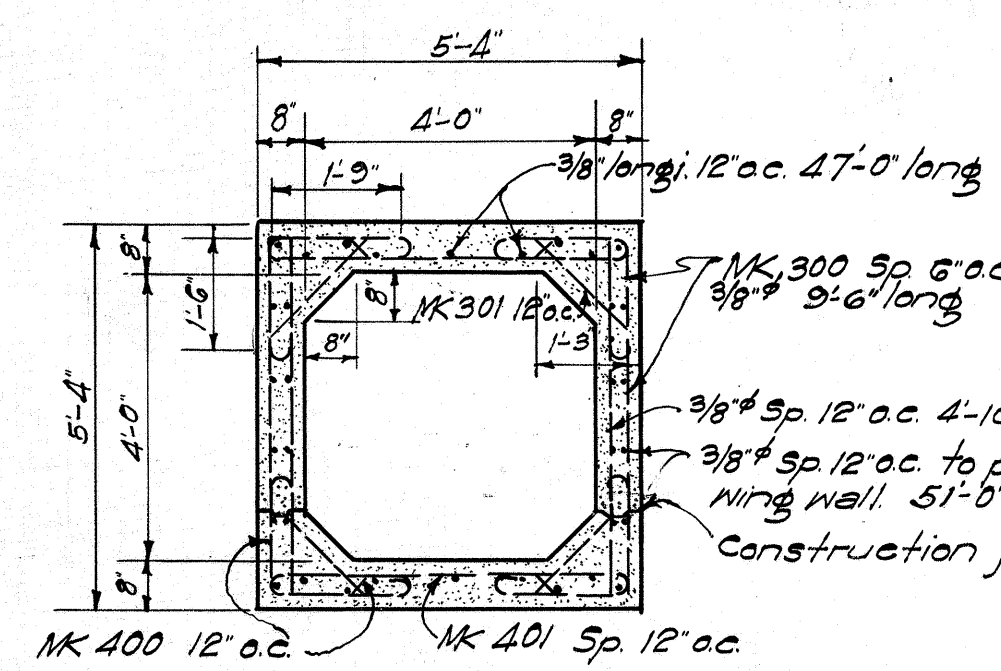
GENERAL NOTES:- All construction Joints to be constructed according to details shown on this sheet.

Bottom construction joints in culverts to be placed at top of haunches only. Wherever possible, the culvert shall be poured in one lift above the bottom construction joints. Where this is not possible another construction joint shall be placed at the bottom of the slab haunches.

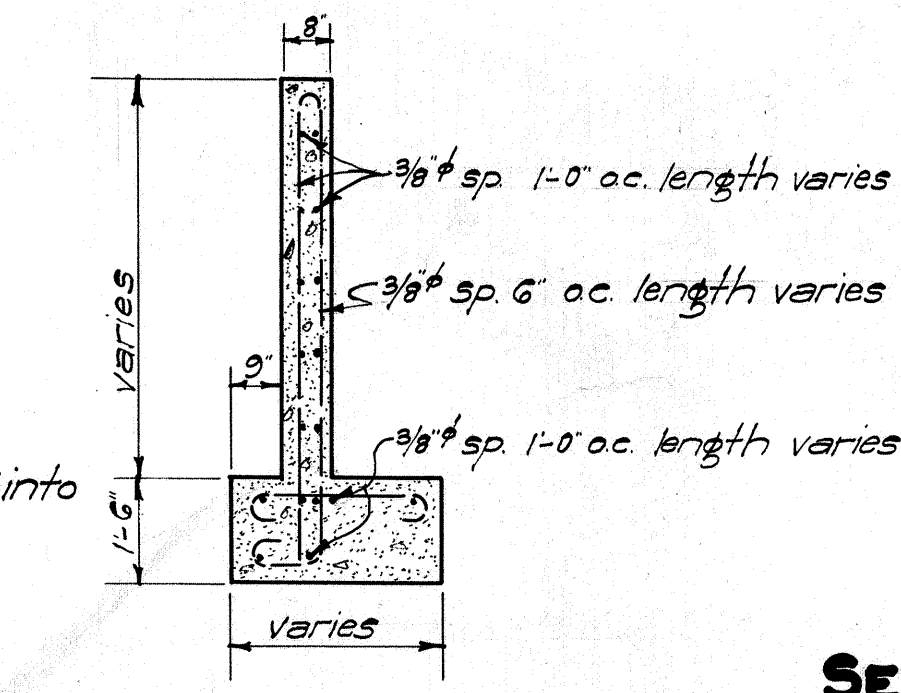


NOTE: Distance from face of concrete to center of steel to be 2" unless otherwise noted.

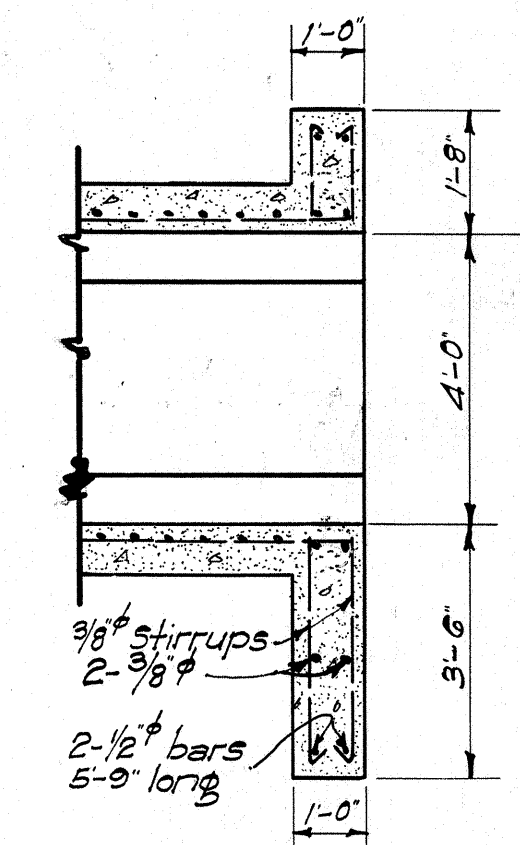
2'-0"
3/8" MK 301



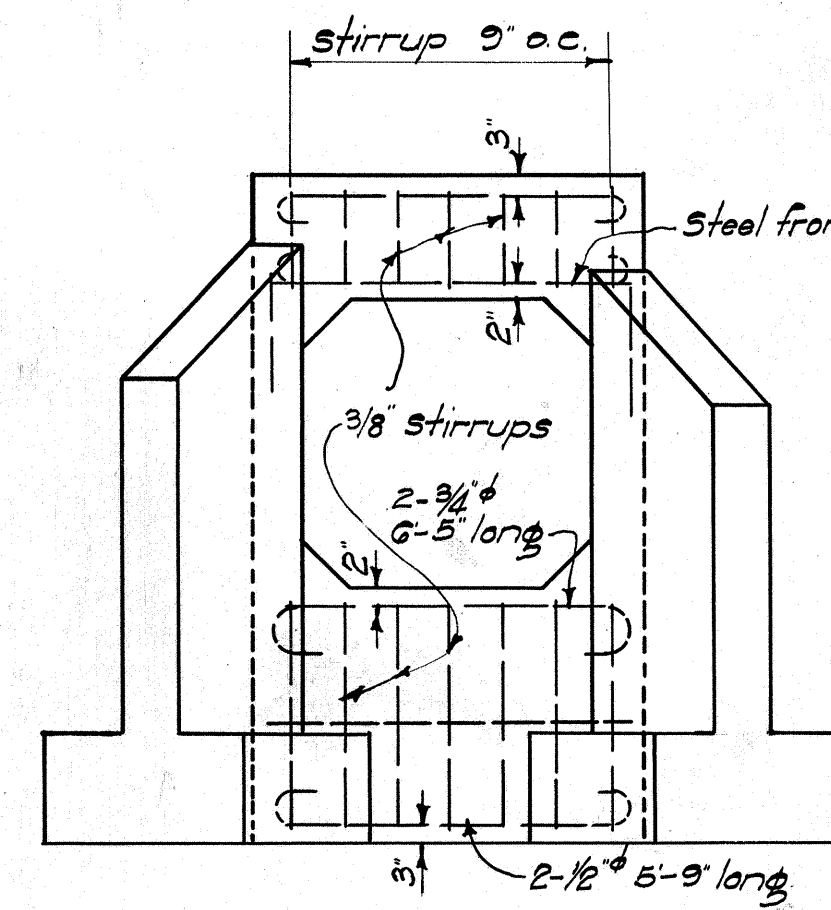
SECT. THRU TRUNK
Scale 3/8"=1'-0"



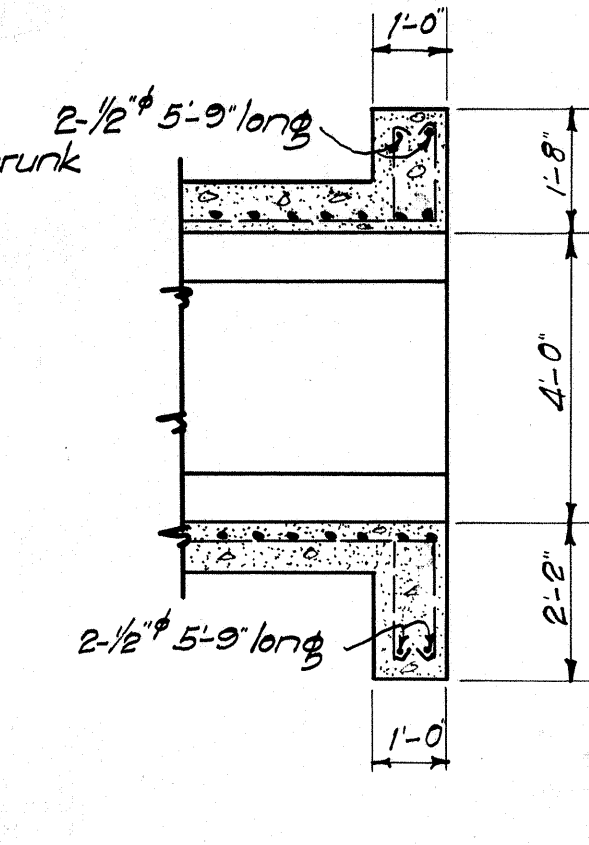
SECT. THRU WING WALL
Scale 3/8"=1'-0"



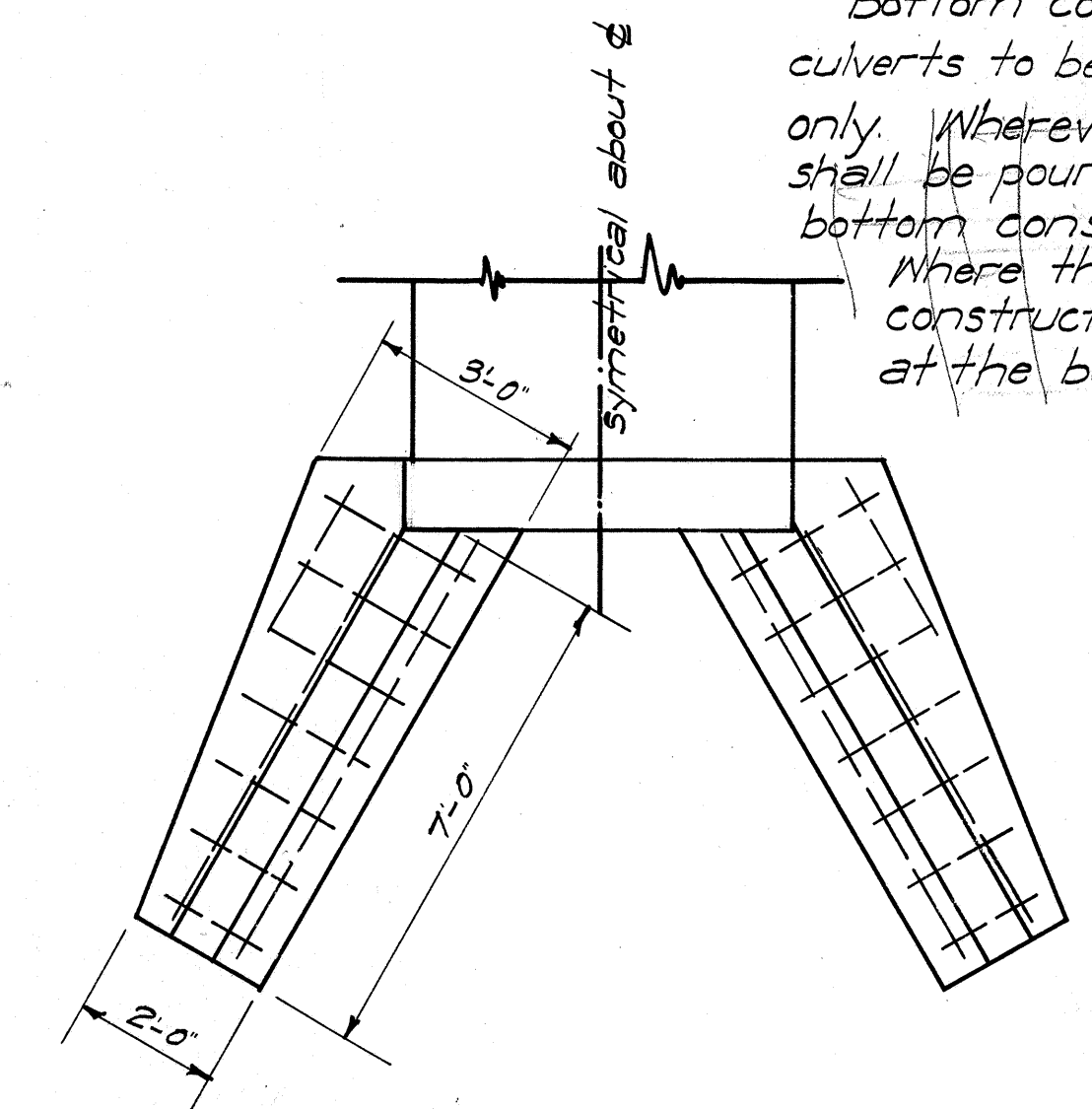
SECT. THRU OUTLET END
Scale 3/8"=1'-0"



ELEV. OUTLET
Scale 3/8"=1'-0"



SECT. THRU INLET END
Scale 3/8"=1'-0"



PLAN OF INLET END
(Opposite end similar)
Scale 3/8"=1'-0"

QUANTITIES

Total Concrete 31 Cu. Yds
 Total Steel 3,136 lbs.
 Structural Exc. 49 Cu. Yds.

DETAIL OF 4'x4' BOX CULVERT
AT STA. 197+10
F.A.P. IIB

Sheet 5 of 6 Sheets