

PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
618-34	1998	69	169

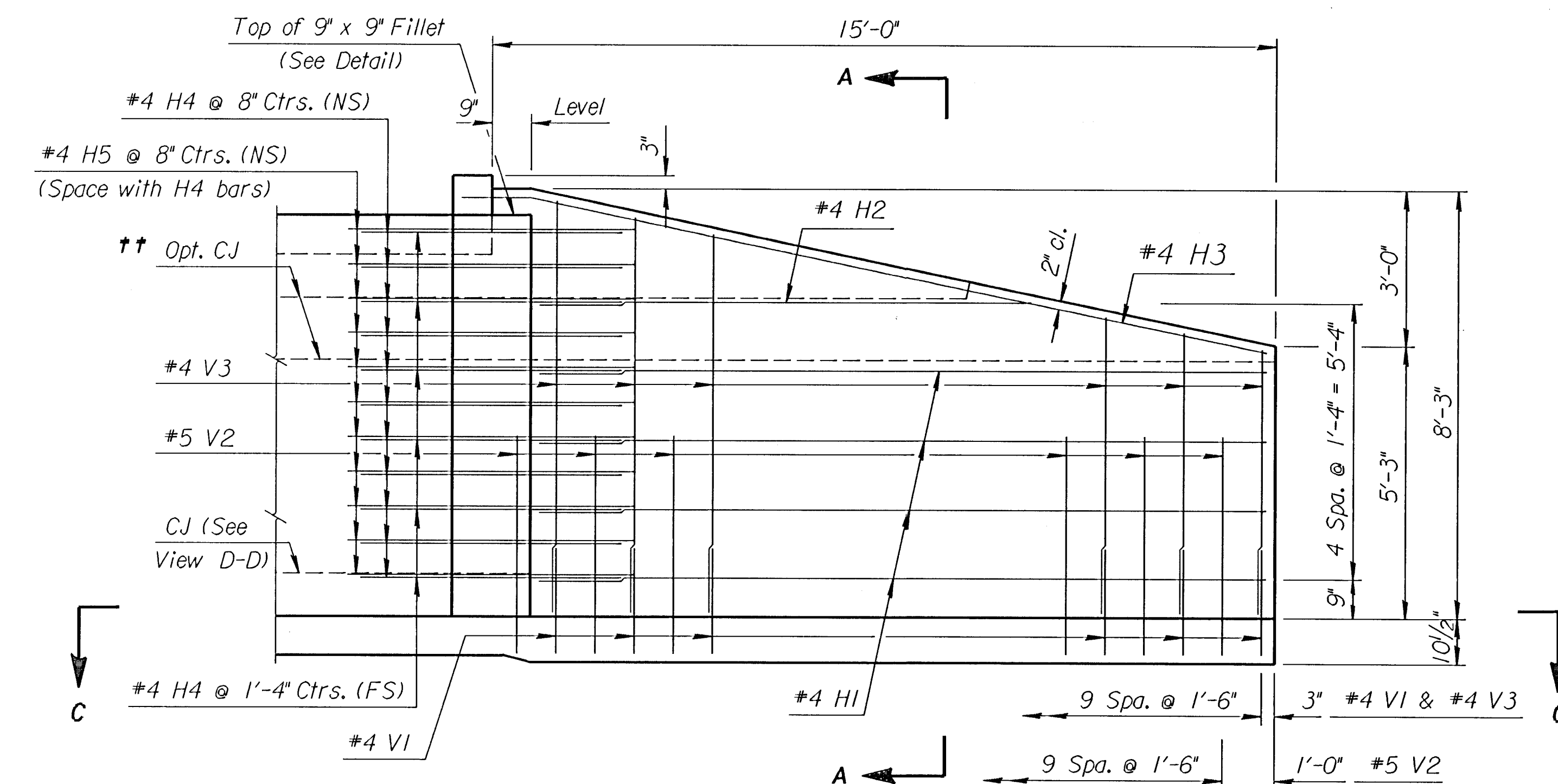
GENERAL NOTES

UNIT STRESSES: Class AAA Concrete; $f'_c = 4,000$ p.s.i.
Reinforcing Steel; $f_y = 60,000$ p.s.i.

CONCRETE: Class AAA Concrete shall be used throughout. Bevel all exposed edges with a $\frac{3}{4}$ inch triangular moulding.

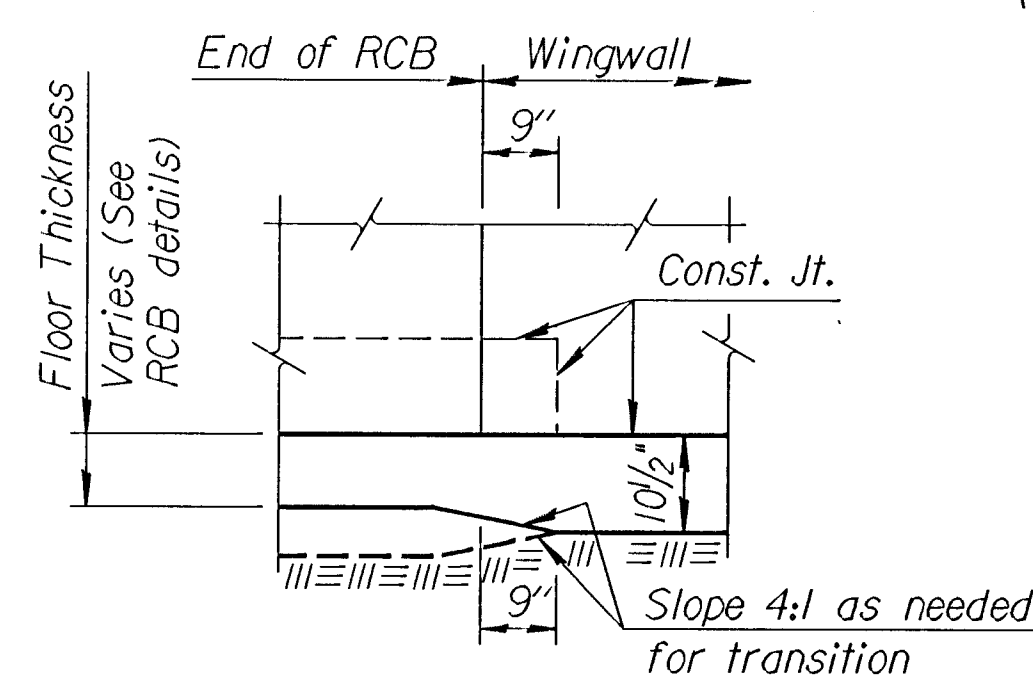
REINFORCING: All reinforcing shall conform to ASTM A615, Grade 60. Welded Wire Fabric shall conform to ASTM A185. All dimensions relative to reinforcing steel shall be to centerline of bar unless otherwise noted.

QUANTITIES: Wingwall Quantities include all quantities outside the neat lines of the box, excluding the hubguard.

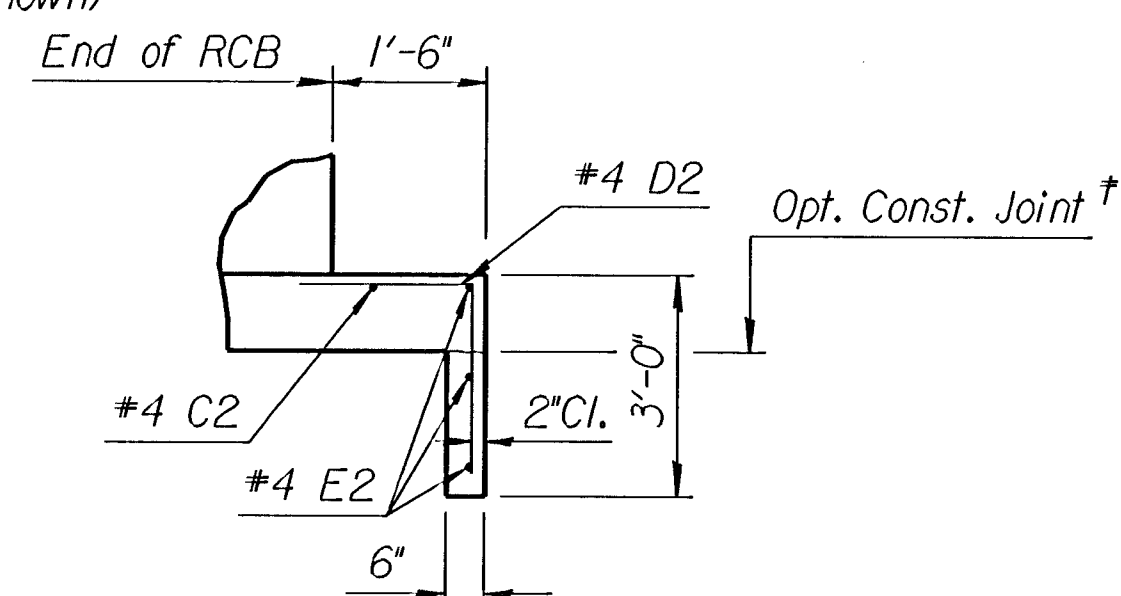


ELEVATION OF WINGWALL
(Backface Shown)

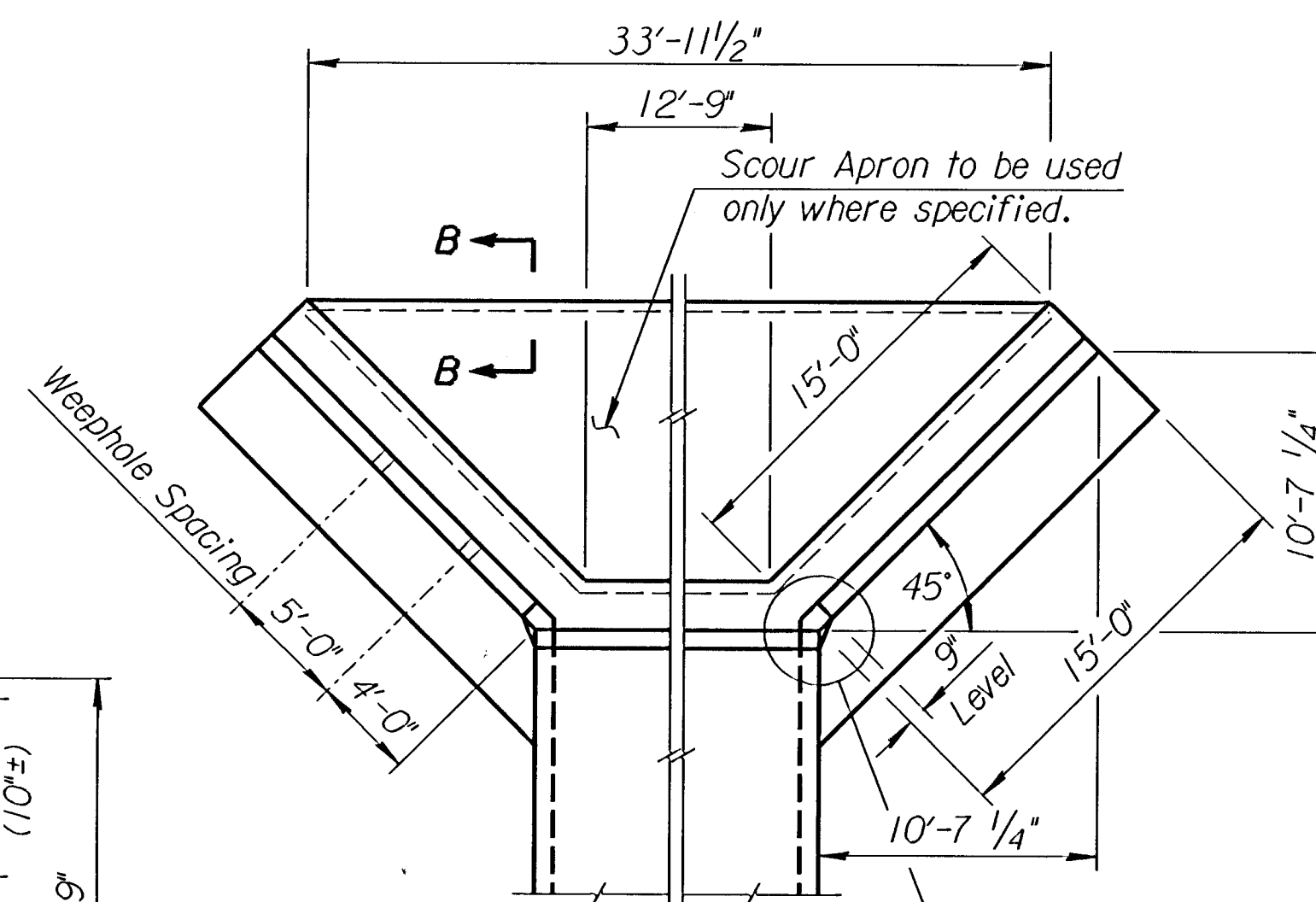
†† See RCB Details for location of construction joint.



VIEW D-D



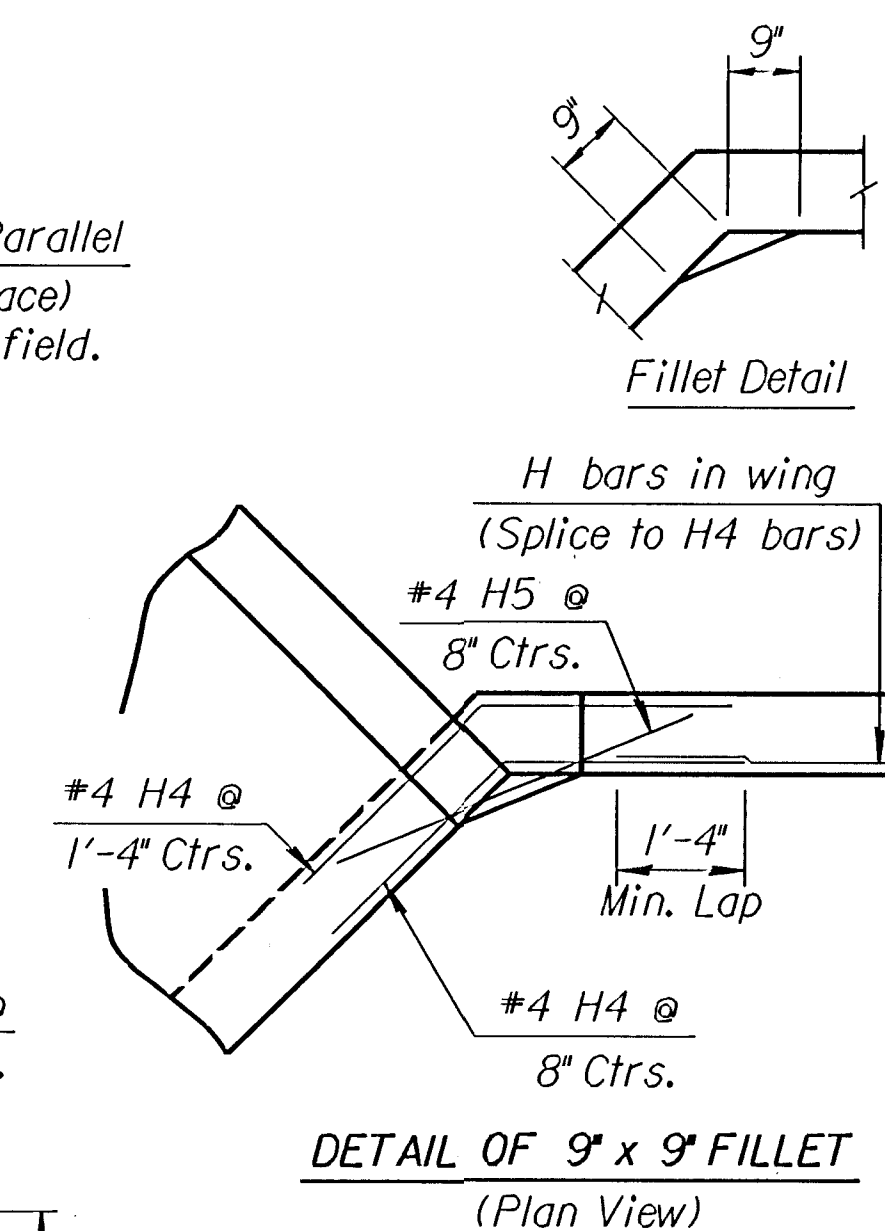
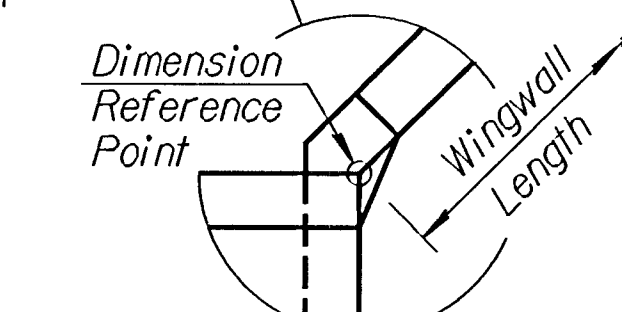
SECTION E-E



WING DIMENSIONS FOR NORMAL BOX

(3 1/2:1 Embankment Slope)

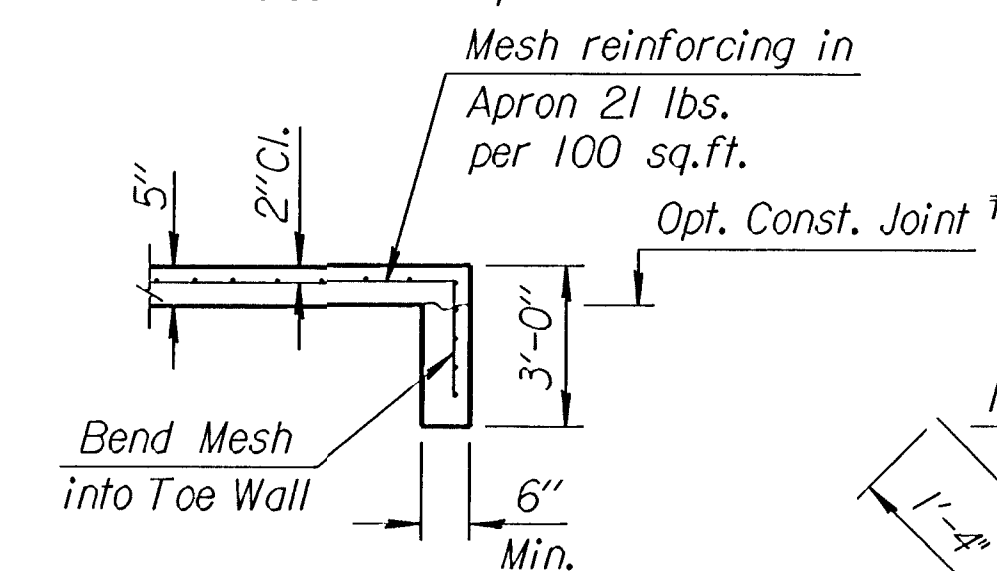
NOTE: Space weepholes to clear reinforcing steel. See "RCB Aux. Details" sheet for additional weephole details.



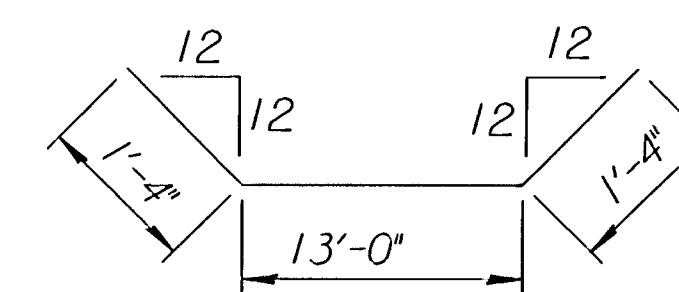
DETAIL OF 9' x 9' FILLET
(Plan View)

NOTE: Const. Jt. may be used at Contractor's option when approved by the Engineer.
DI bars or mesh may be spliced thus: 
Minimum overlap shall be 1'-3". No increase in quantities or cost shall be allowed when Contractor elects this option.

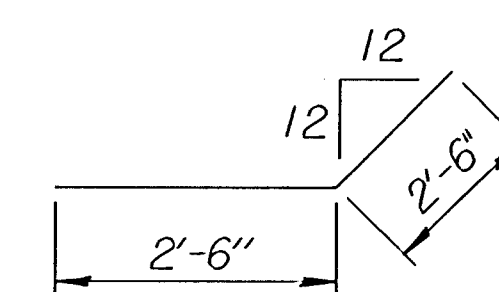
NOTE:
 EF = Each Face
 NS = Near Side
 FS = Far Side
 CJ = Const. Joint



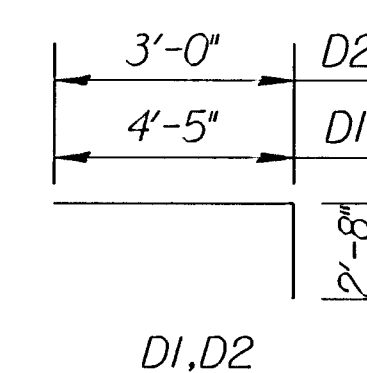
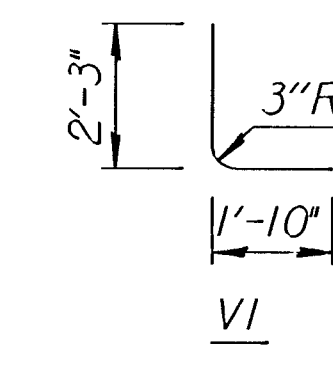
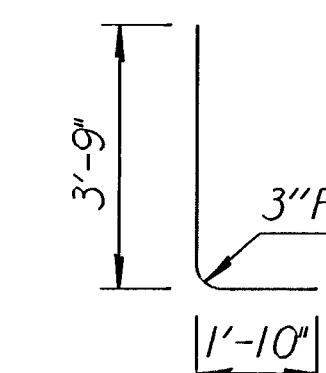
SECTION B-B



E2



H4

 $D1, D2$ V I

1'-

BENDING DIAGRAM

(All dimensions are out to out of bars.)

NO.	DATE	REVISIONS	BY	APP'D
KANSAS DEPARTMENT OF TRANSPORTATION S + a. 59+09 FLARED WINGWALLS (EXT. LEFT) 7 FT. RISE (O'SKEW)				
BR 10-00-07		SEDGWICK CO.		
FHWA APPROVAL		6-5-91	APP'D	KENNETH F. HURS
DESIGNED	DETAILED	QUANTITIES	TRACED	
DESIGN CK.	DETAIL CK.	QUAN.CK.	TRACE CK.	

WINGWALL QUANTITIES (One End Only)		
Class AAA Concrete:		
Wingwalls	-----	12.01 CY
Apron	-----	0.00 CY
Soil Saver	-----	0.00 CY
Reinforcing Steel		908.77 Lbs
Welded Wire Fabric		0.00 Lbs

Quantities listed below are included in the Summary of Quantities shown on the RCB details on Sh. No. 68.

NOTE: Reinforcing Bar List is for both wings at one end of box only.

[illegible]