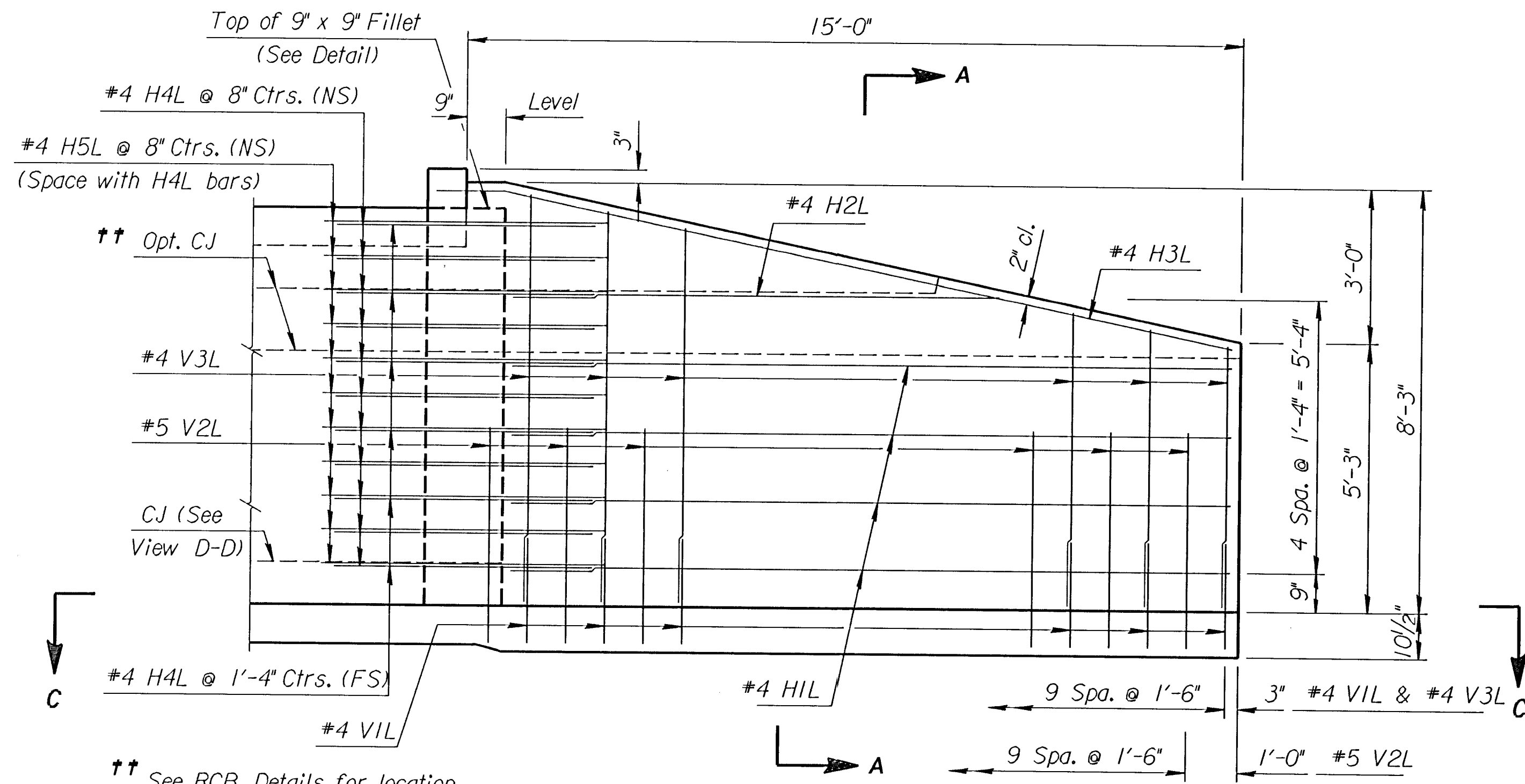


VERSION: 5.1.0 COMPILED: 03/01/95

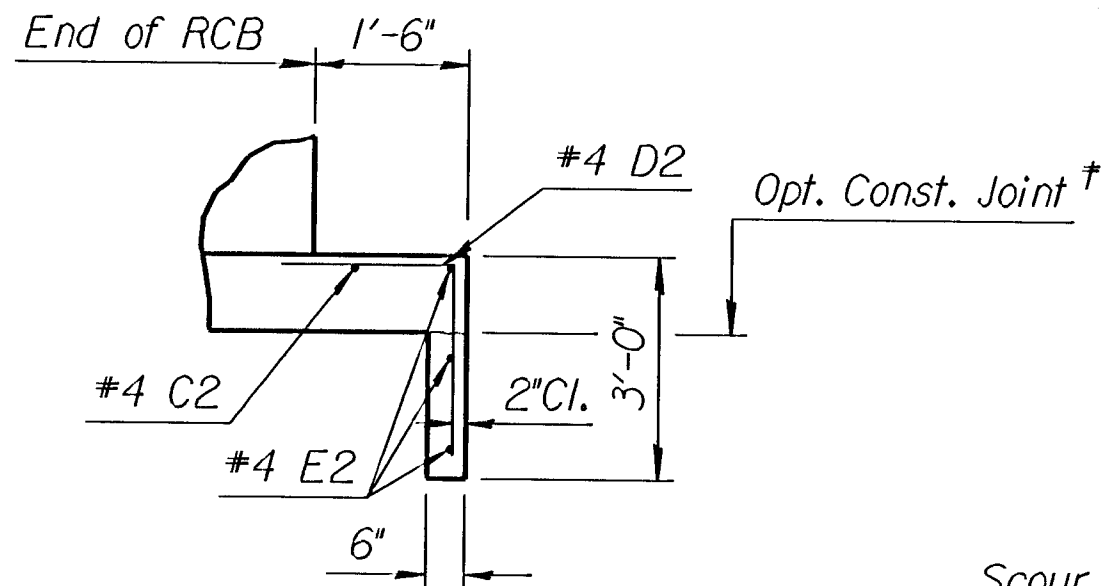
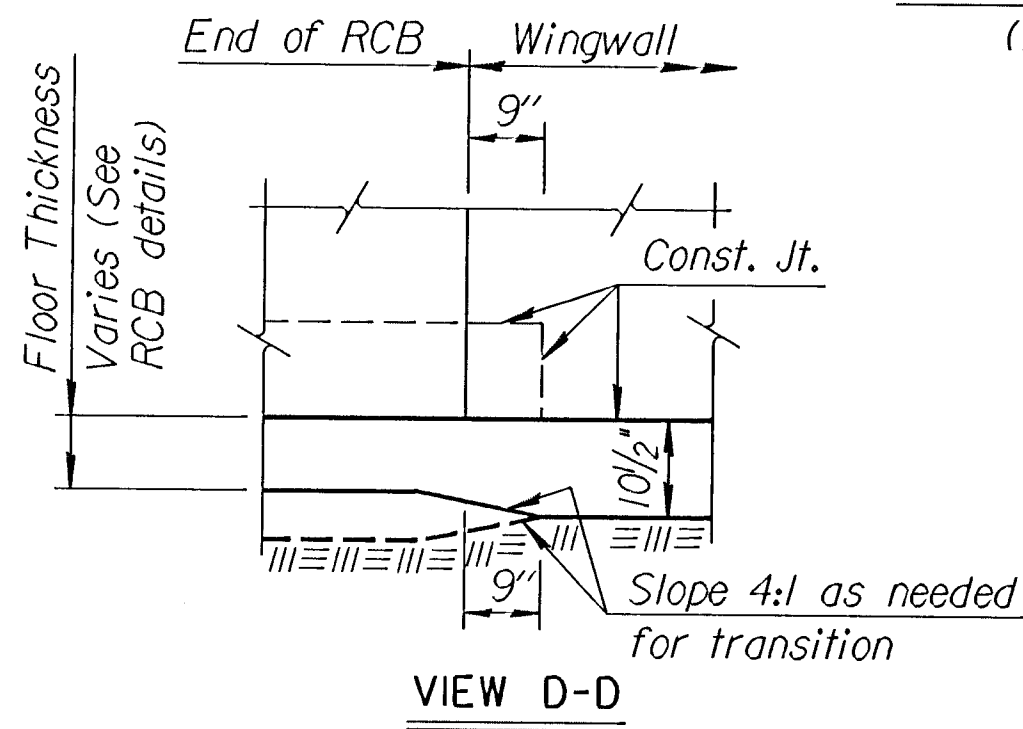
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TRACING	DATE	DATE	DATE	DATE	DATE
RETRACTED	DATE	DATE	DATE	DATE	DATE

DGN File: i:\1995\95297\002\717extf1.dgn
Plotted by: DJW 8-5-97 View=

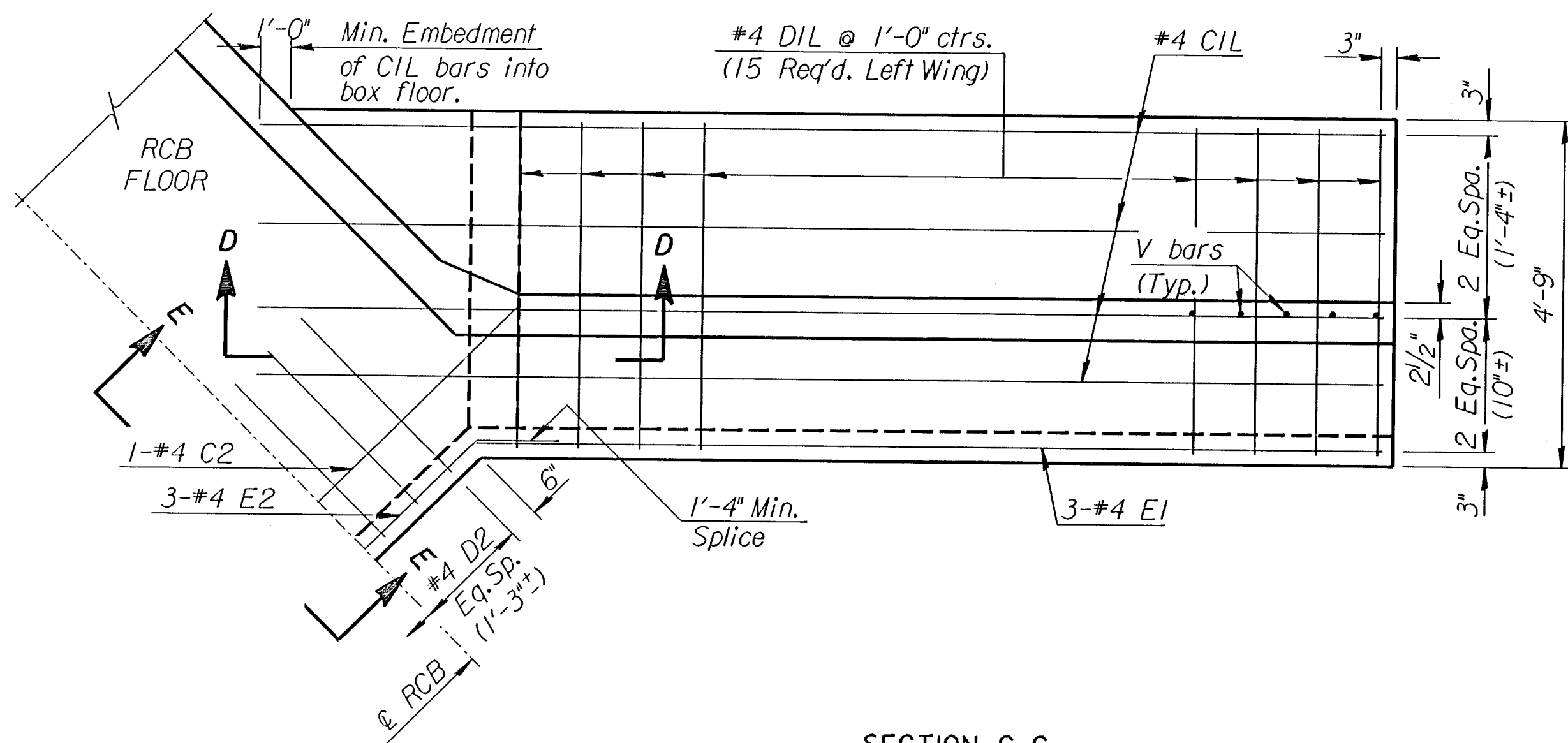


†† See RCB Details for location of construction joint.

ELEVATION OF WINGWALL
(Front Face Shown)



SECTION E-E



SECTION C-C

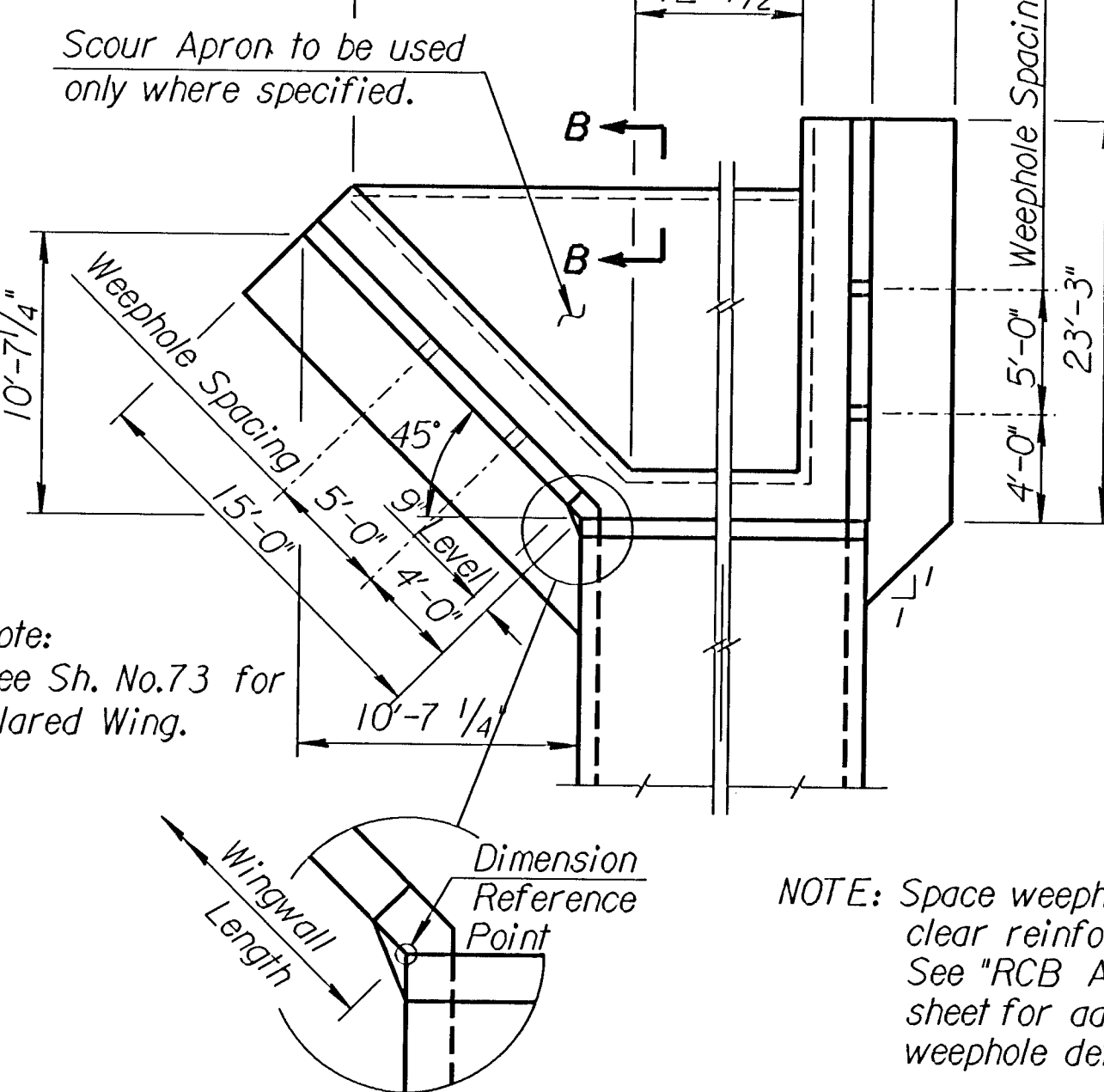
(Plan of Footing at Left Wing)

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

Mark	#4CIL	#4DIL	#4EIL	#4C2	#4D2	#4E2	#4VIL	#5V2L	#4V3L	#4HIL	#4H2L	#4H3L	#4H4L	#4H5L
Number	4	15 *	3	1	10 *	3 *	10 *	10 *	10 *	4	1	1	17 *	11
Length	18'-3"	7'-1"	14'-9"	18'-0"	5'-8"	15'-8"	4'-1"	5'-7"	*	13'-10"	9'-6"	15'-10"	5'-0"	3'-6"

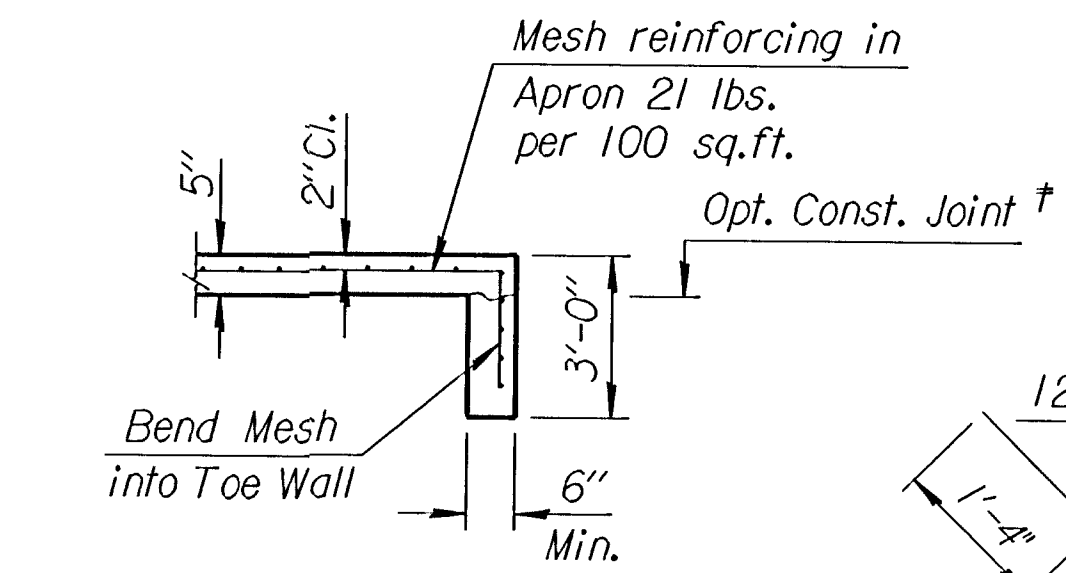
* See Bending Diagram

WING DIMENSIONS FOR NORMAL BOX
(3 1/2:1 Embankment Slope)



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

† 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.



SECTION B-B

Note: See Sh. No.72 for Straight Wing.

Quantities listed below are included in the Summary of Quantities shown on the RCB details (Sh. No. 70), and include both flared and straight wingwalls.

WINGWALL QUANTITIES (One End Only)		
Class AAA Concrete:		
Wingwalls	13.31	CY.
Apron	0.00	CY.
Soil Saver	0.00	CY.
Reinforcing Steel		
935.18	Lbs.	
Welded Wire Fabric		
0.00	Lbs.	

GENERAL NOTES

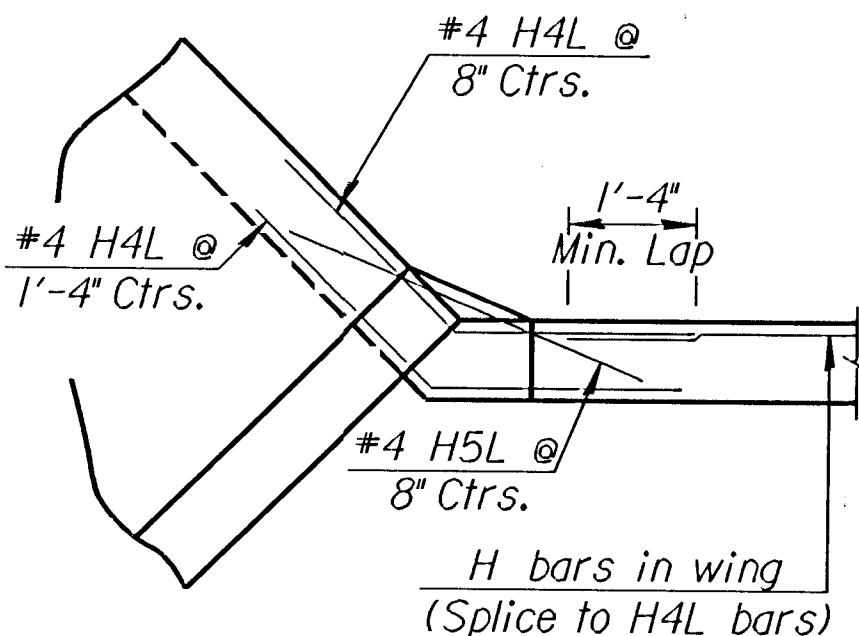
UNIT STRESSES: Class AAA Concrete; f'c = 4,000 p.s.i.
Reinforcing Steel; fy = 60,000 p.s.i.

CONCRETE: Class AAA Concrete shall be used throughout. Bevel all exposed edges with a 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 center-line of bar unless otherwise noted.

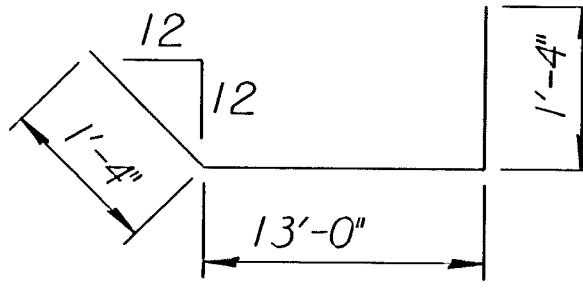
QUANTITIES: Wingwall Quantities include all quantities outside the neat lines of the box, excluding the hubguard.

Fillet Detail

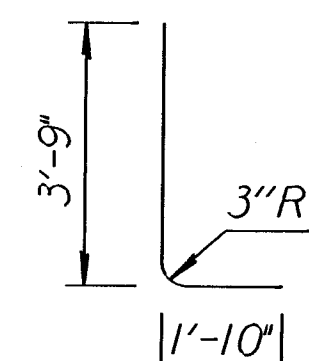
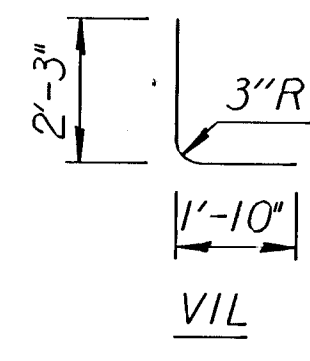
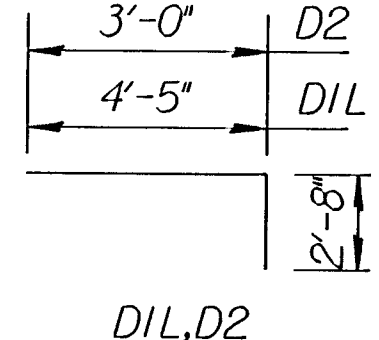


DETAIL OF 9" x 9" FILLET
(Plan View)

Var. 5'-0" to 8'-0" by equal increments (4") 1 Req'd. each length



E2



BENDING DIAGRAM

(All dimensions are out to out of bars.)

NO.	DATE	REVISIONS	BY	APP'D
KANSAS DEPARTMENT OF TRANSPORTATION Sta. 59+09 FLARED WINGWALL (EXT. RT.) 7 FT. RISE (0'SKEW)				
BR 10-00-07 SEDGWICK CO.				
DESIGNED	6-5-91	APP'D	KENNETH F. HURST	
DESIGN CK.	DETAILED	QUANTITIES	TRACED	
	DETAIL CK.	QUAN. CK.	TRACE CK.	