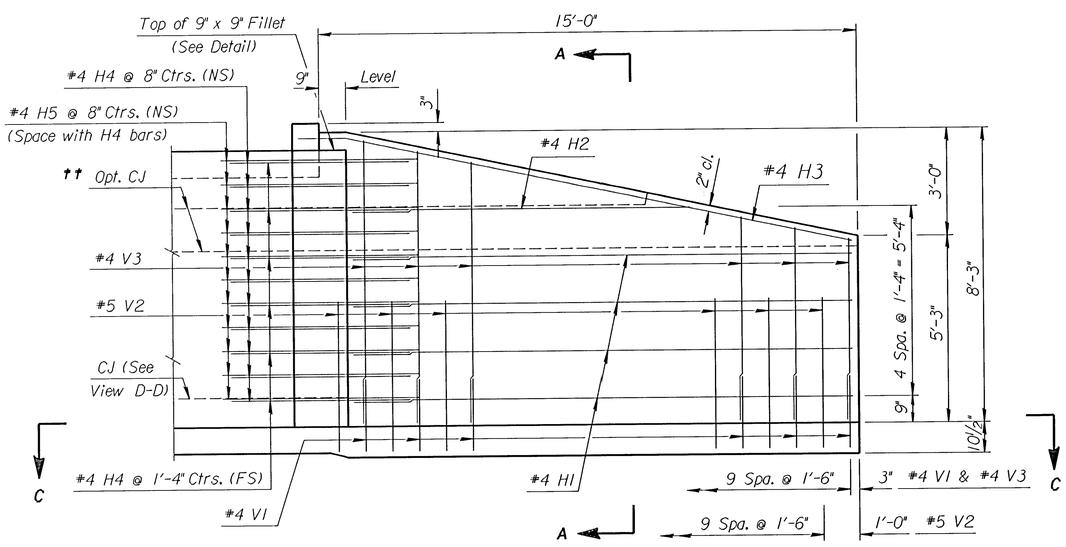
PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
618-34	1998	75	169

VERSION: 5.1.0 COMPILED: 03/01/95

DESIGN / DETAIL / QUANTITIES / TRACING / DETRACED — DATE

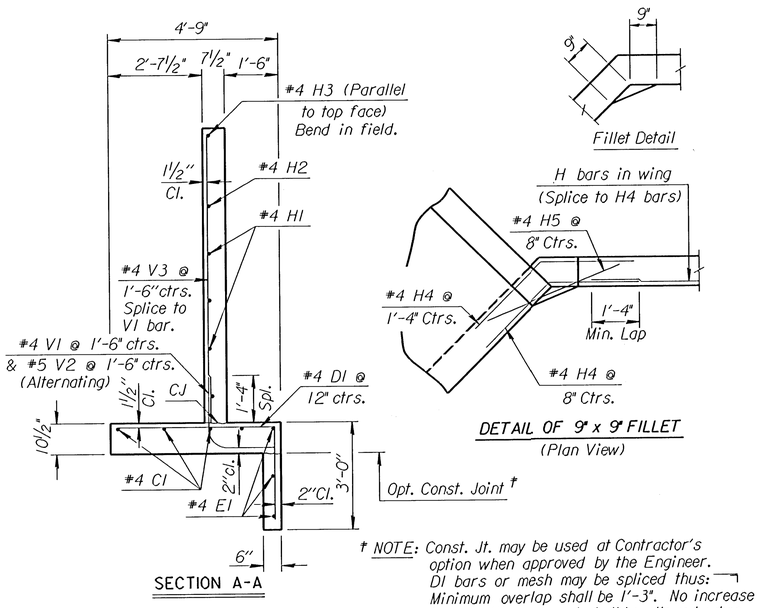
DGN File: I:/1995/95297/002/7x7rcb.dgn
Plotted by: DJM 11-5-97 View=

Drawn by: [illegible]



†† See RCB Details for location of construction joint.

ELEVATION OF WINGWALL
(Backface Shown)



SECTION A-A

† NOTE: Const. Jt. may be used at Contractor's option when approved by the Engineer. D1 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.

Fillet Detail

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

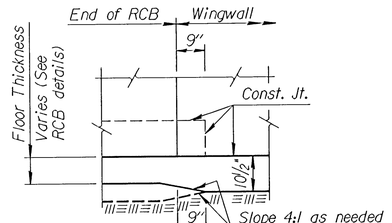
GENERAL NOTES

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

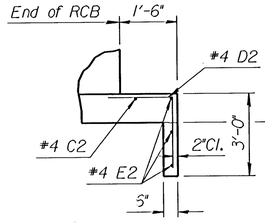
CONCRETE: Class AAA Concrete shall be used throughout. Bevel all exposed edges with a ¾ inch triangular moulding.

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.

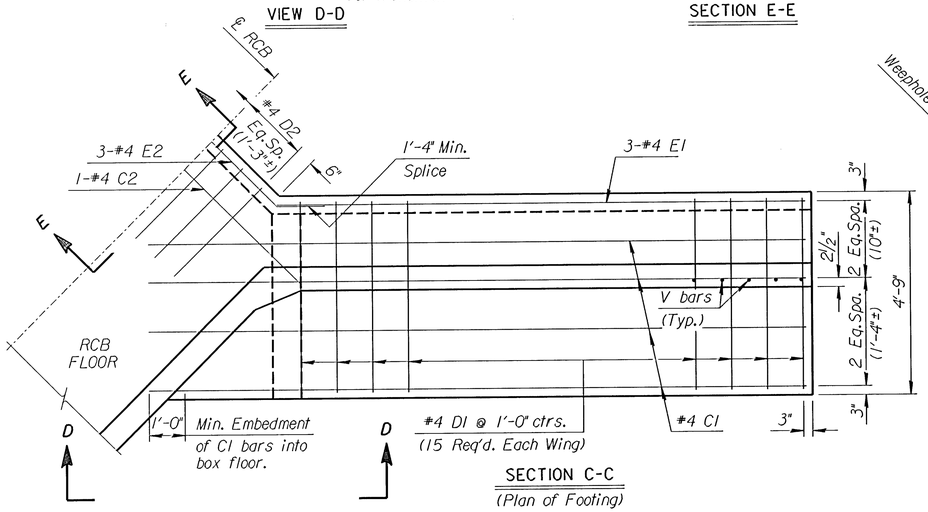


VIEW D-D

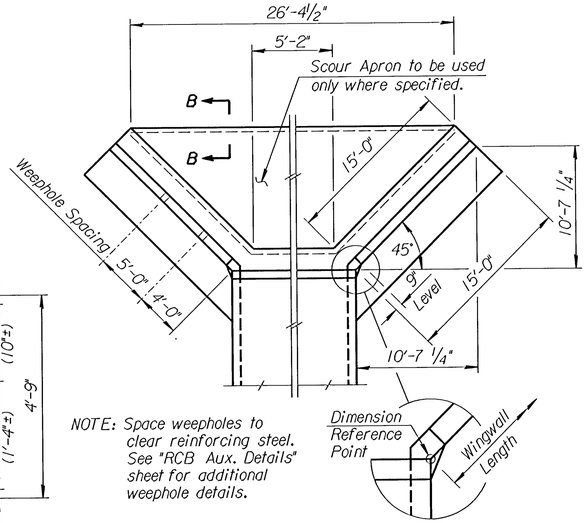


SECTION E-E

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

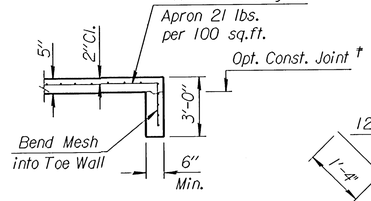


SECTION C-C
(Plan of Footing)

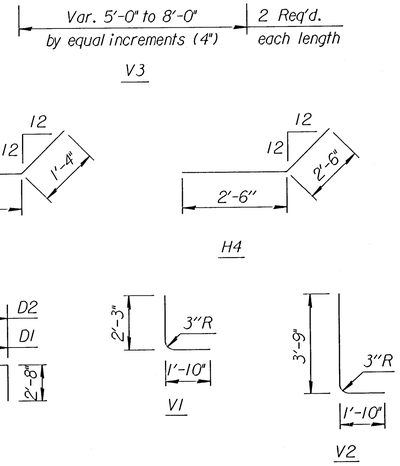


NOTE: Space weepholes to clear reinforcing steel. See "RCB Aux. Details" sheet for additional weephole details.

WING DIMENSIONS FOR NORMAL BOX
(3½:1 Embankment Slope)



SECTION B-B



BENDING DIAGRAM
(All dimensions are out to out of bars.)

Quantities listed below are included in the Summary of Quantities shown on the RCB details on Sh. No. 74.

WINGWALL QUANTITIES (One End Only)		
Class AAA Concrete:		
Wingwalls	11.39	CY.
Apron	0.00	CY.
Soil Saver	0.00	CY.
Reinforcing Steel	865.80	Lbs.
Welded Wire Fabric	0.00	Lbs.

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

0° Skew	Mark	#4C1	#4D1	#4E1	#4C2	#4D2	#4E2	#4V1	#5V2	#4V3	#4H1	#4H2	#4H3	#4H4	#4H5
	Number	8	30*	6	1	4*	3*	20*	20*	20	8	2	2	34*	22
	Length	18'-3"	7'-1"	14'-9"	7'-10"	5'-8"	8'-1"	4'-1"	5'-7"	*	13'-10"	9'-6"	15'-10"	5'-0"	3'-6"

* See Bending Diagram

NO.	DATE	REVISIONS	BY	APP'D

KANSAS DEPARTMENT OF TRANSPORTATION
Sta. 65+89

FLARED WINGWALLS
7 FT. RISE (0°SKEW)

~~BR-10.00.07~~ SEDGWICK CO.

FHWA APPROVAL		6-5-98 APP'D	KENNETH F. HURST
DESIGNED	DETAILED	QUANTITIES	TRACED
DESIGN CK.	DETAIL CK.	QUAN.CK.	TRACE CK.