

**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.

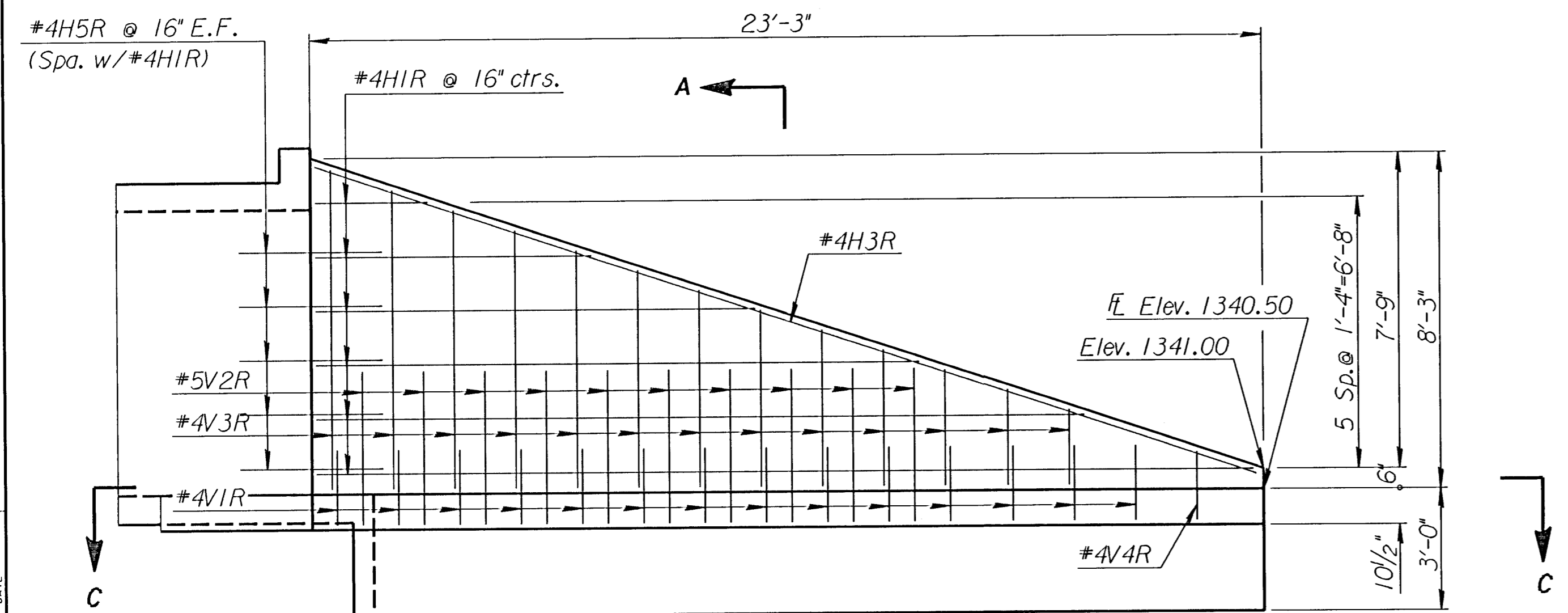
**REINFORCING:** All reinforcing shall conform to ASTM A615, Grade 60. Welded Wire Fabric shall conform to ASTM A185. All dimensions relative to reinforcing steel shall be to center-line of bar unless otherwise noted.

**QUANTITIES:** Wingwall Quantities include all quantities outside the neat lines of the box, excluding the hubguard. Quantities are included in summary listed on Sh. No. 73.

VERSION: 5.1.0 COMPILED: 03/01/95

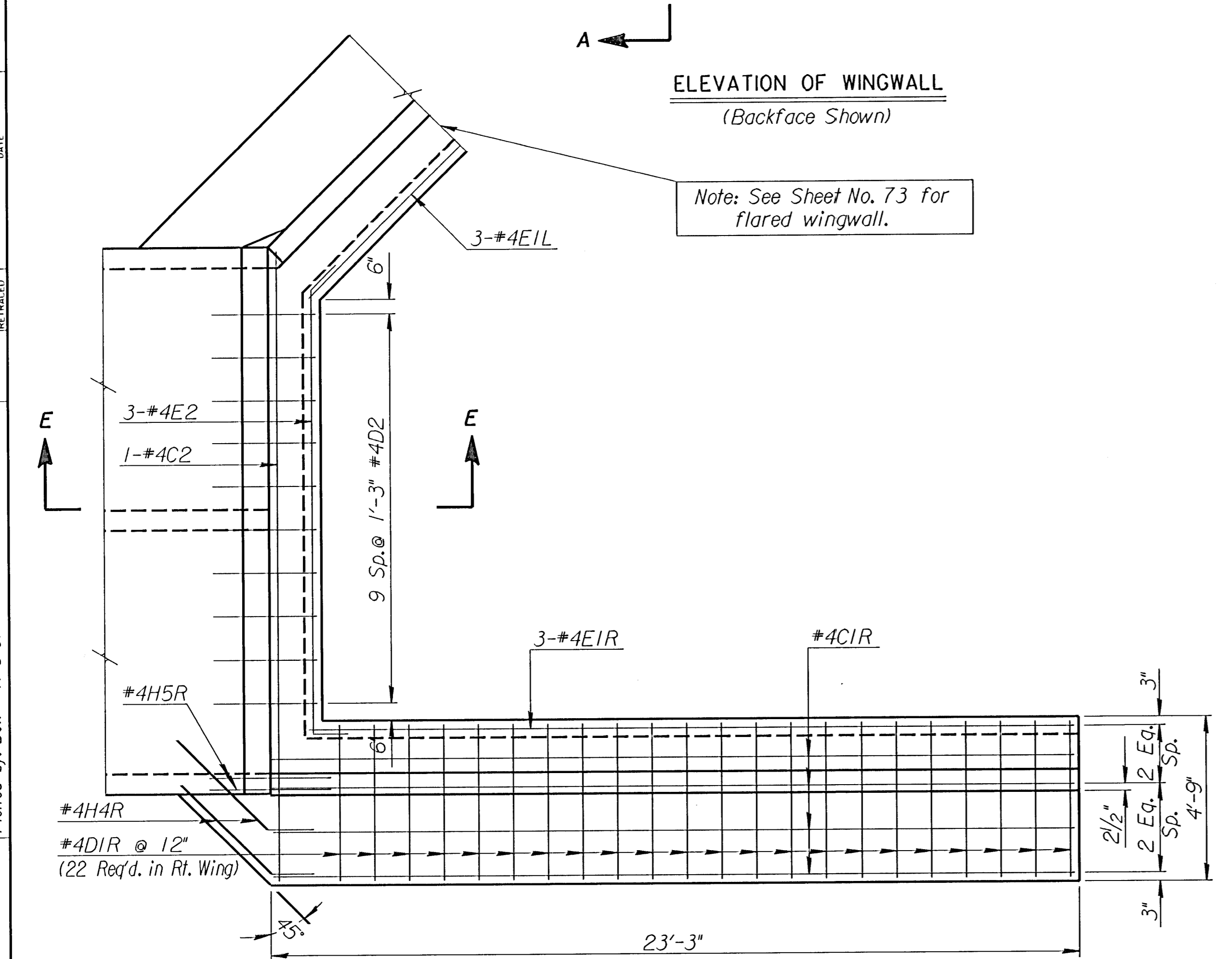
| CO. CHECK  | DATE |
|------------|------|
|            |      |
| DESIGN     | DATE |
|            |      |
| DETAIL     | DATE |
|            |      |
| QUANTITIES | DATE |
|            |      |
| TRAINING   | DATE |
|            |      |
| REVISIONS  | DATE |
|            |      |

Drawn By: KDOT  
DGN File: i:/1995/95297/002/strwing.dgn  
Plotted by: DJW 11-5-97 View#

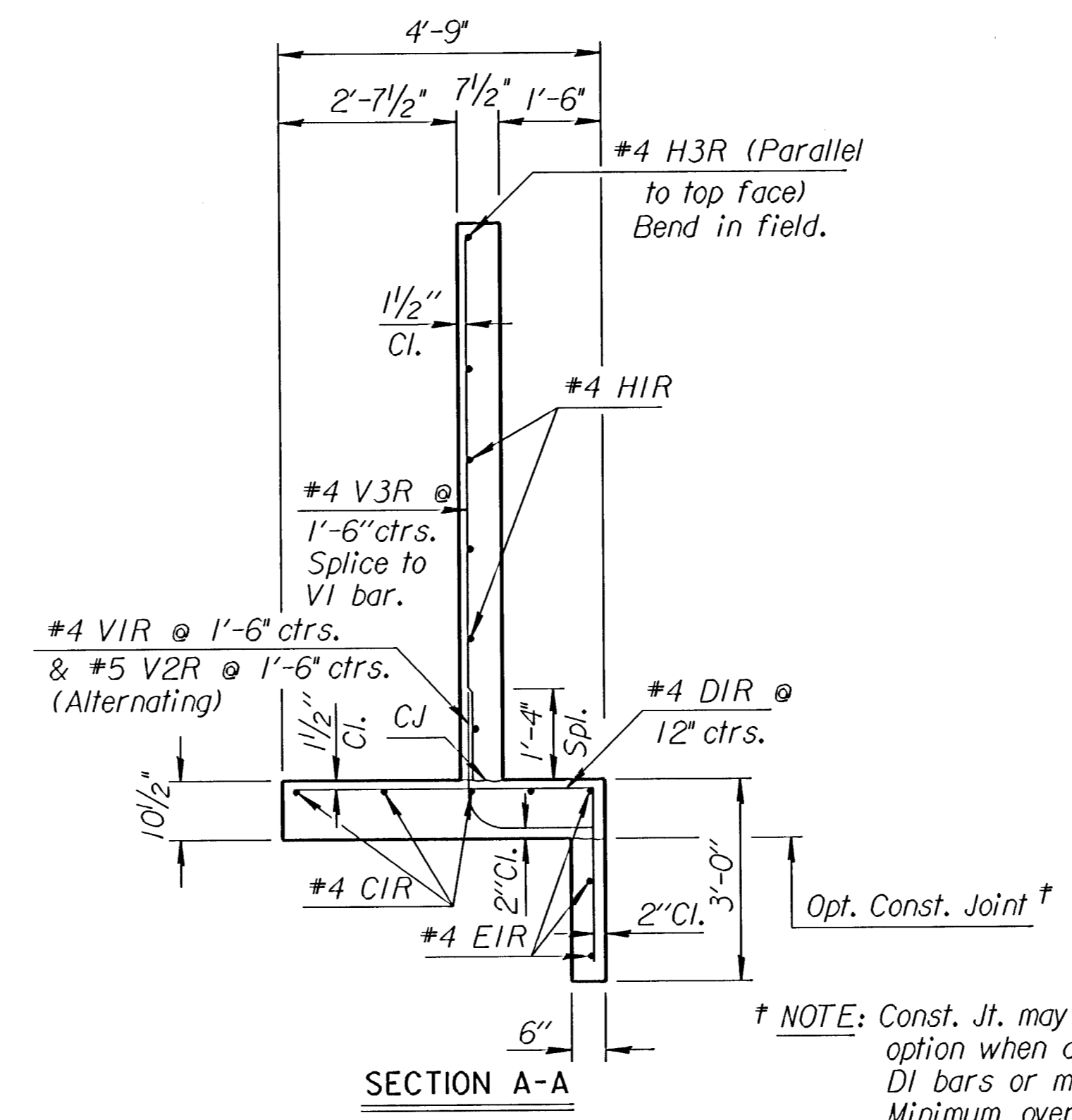


**ELEVATION OF WINGWALL**  
(Backface Shown)

Note: See Sheet No. 73 for flared wingwall.



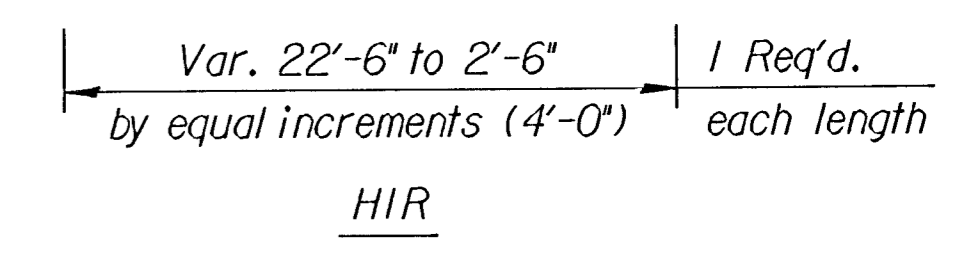
**SECTION C-C**  
(Plan of Footing at Right Wing)



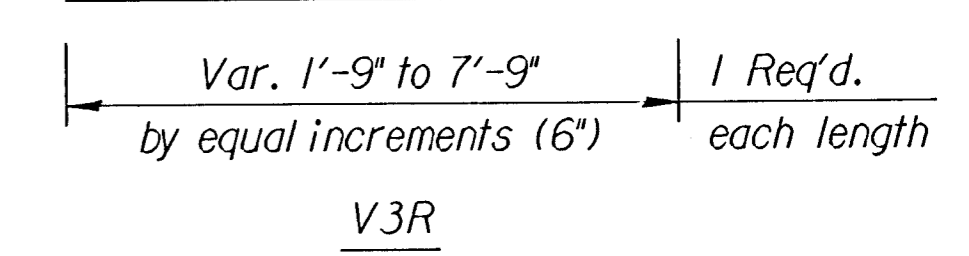
**SECTION A-A**

† 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.

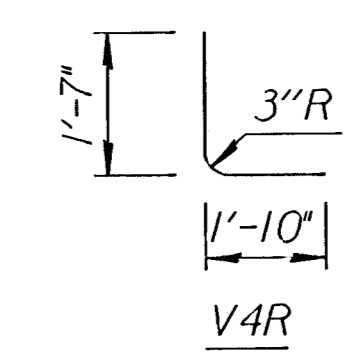
NOTE:  
EF = Each Face  
NS = Near Side  
FS = Far Side  
CJ = Const. Joint



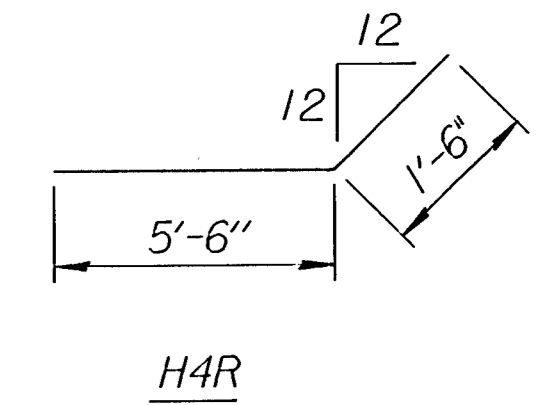
**HIR**



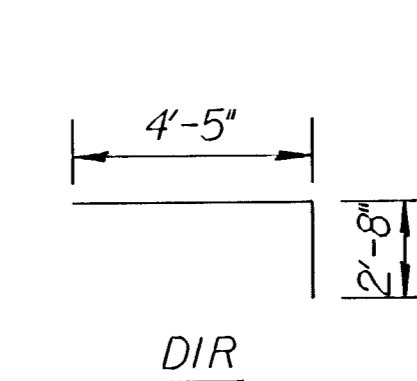
**V3R**



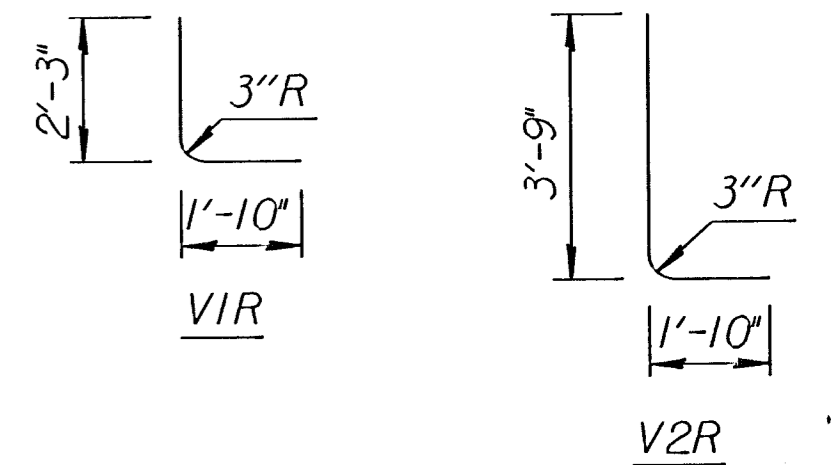
**V4R**



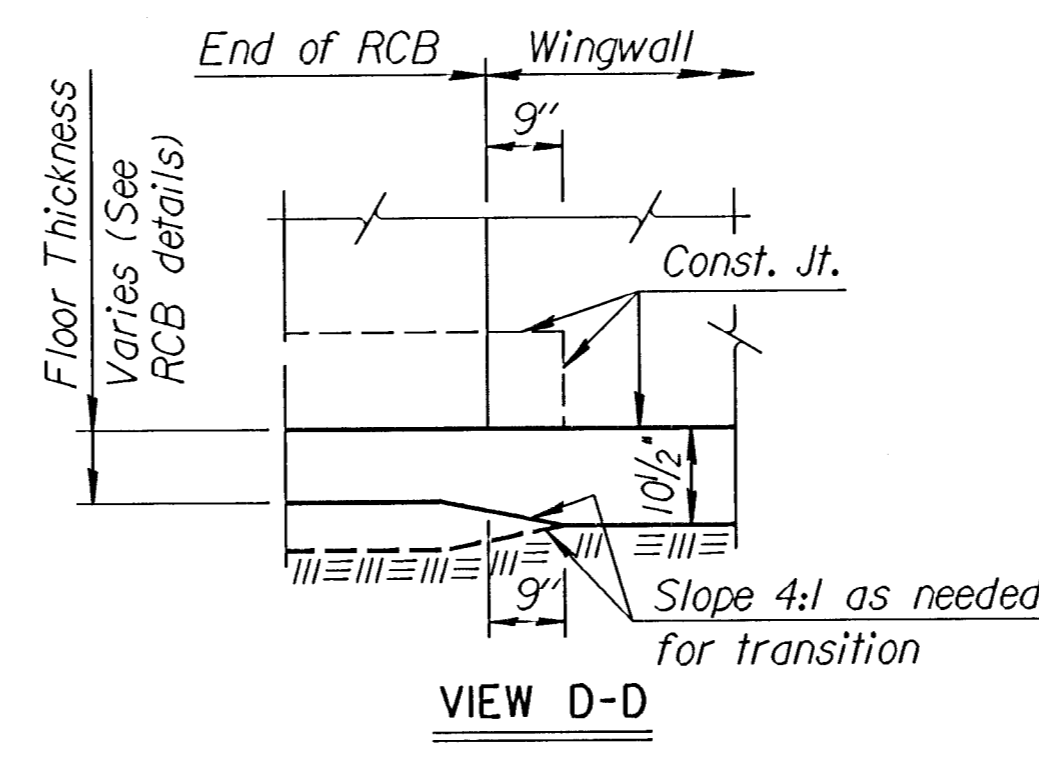
**H4R**



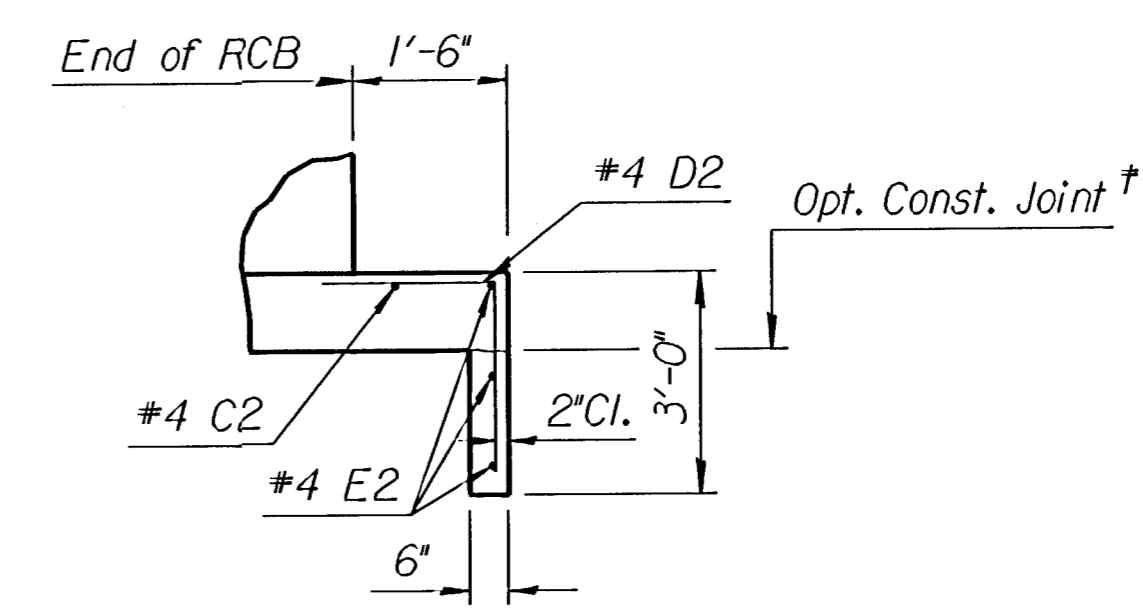
**DIR**



**V2R**



**VIEW D-D**



**SECTION E-E**

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

| NO. | DATE | REVISIONS | BY | APP'D |
|-----|------|-----------|----|-------|
|     |      |           |    |       |

**KANSAS DEPARTMENT OF TRANSPORTATION**  
Sta. 59+09  
**STRAIGHT WINGWALL (EXT. RIGHT)**  
7 FT. RISE (0'SKEW)

BR 10-00-07 SEDGWICK CO.

|               |              |                  |
|---------------|--------------|------------------|
| FHWA APPROVAL | 6-5-91 APP'D | KENNETH F. HURST |
| DESIGNED      | QUANTITIES   | TRACED           |
| DESIGN CK.    | DETAIL CK.   | TRACE CK.        |

NOTE: Reinforcing Bar List is for one wing at one end of box only. \* See Bending Diagram

| Mark    | #4C1R   | #4DIR | #4E1R   | #4VIR | #5V2R | #4V3R | #4V4R | #4HIR | #4H3R   | #4H4R | #4H5R |
|---------|---------|-------|---------|-------|-------|-------|-------|-------|---------|-------|-------|
| O' Skew | 4       | 22*   | 3       | 14*   | 10*   | 13    | 1*    | 6     | 1       | 3     | 12    |
| Number  | 22'-11" | 7'-1" | 21'-10" | 4'-1" | 5'-7" | *     | 3'-4" | *     | 12'-11" | 7'-0" | 3'-6" |
| Length  |         |       |         |       |       |       |       |       |         |       |       |