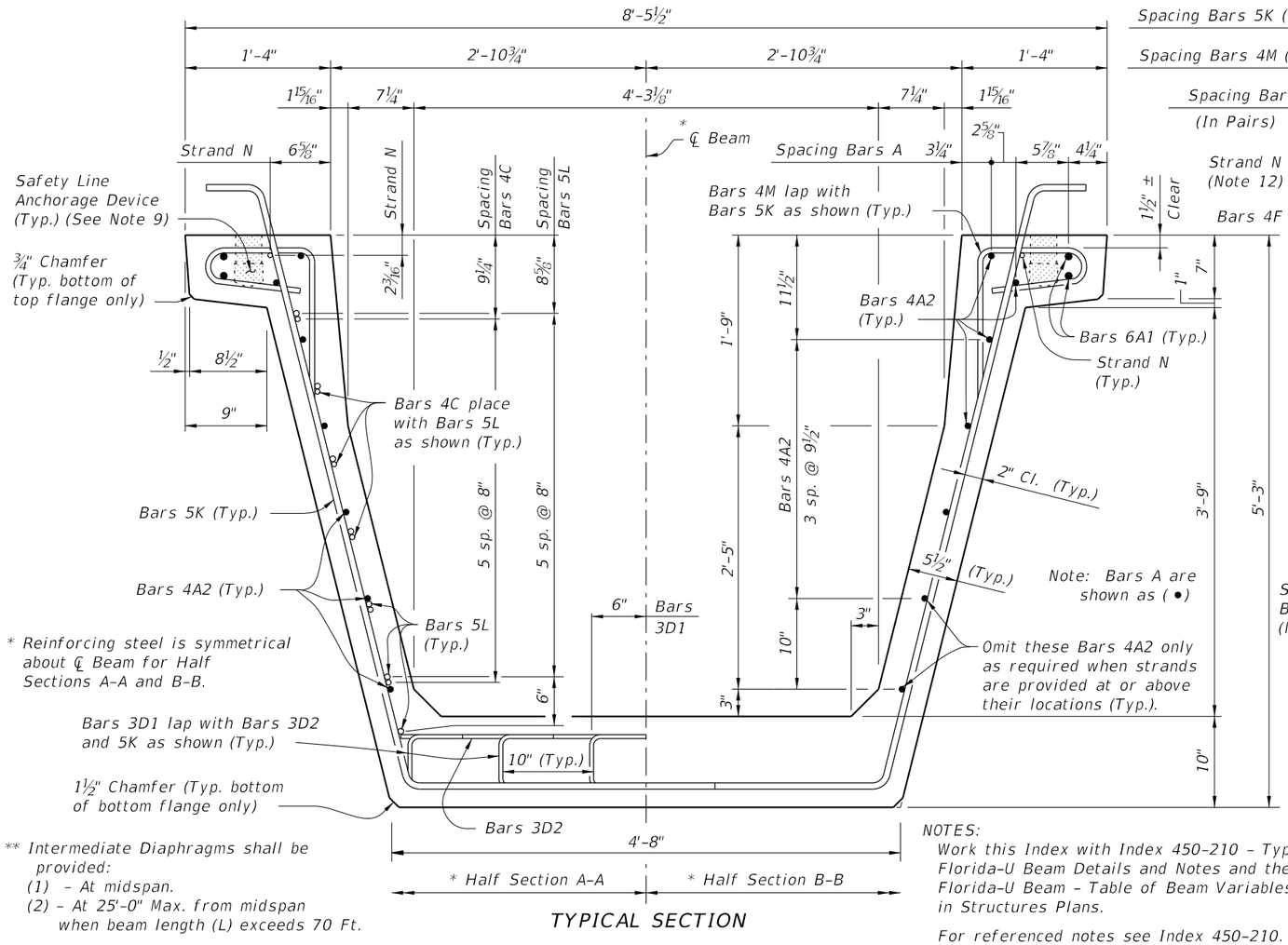


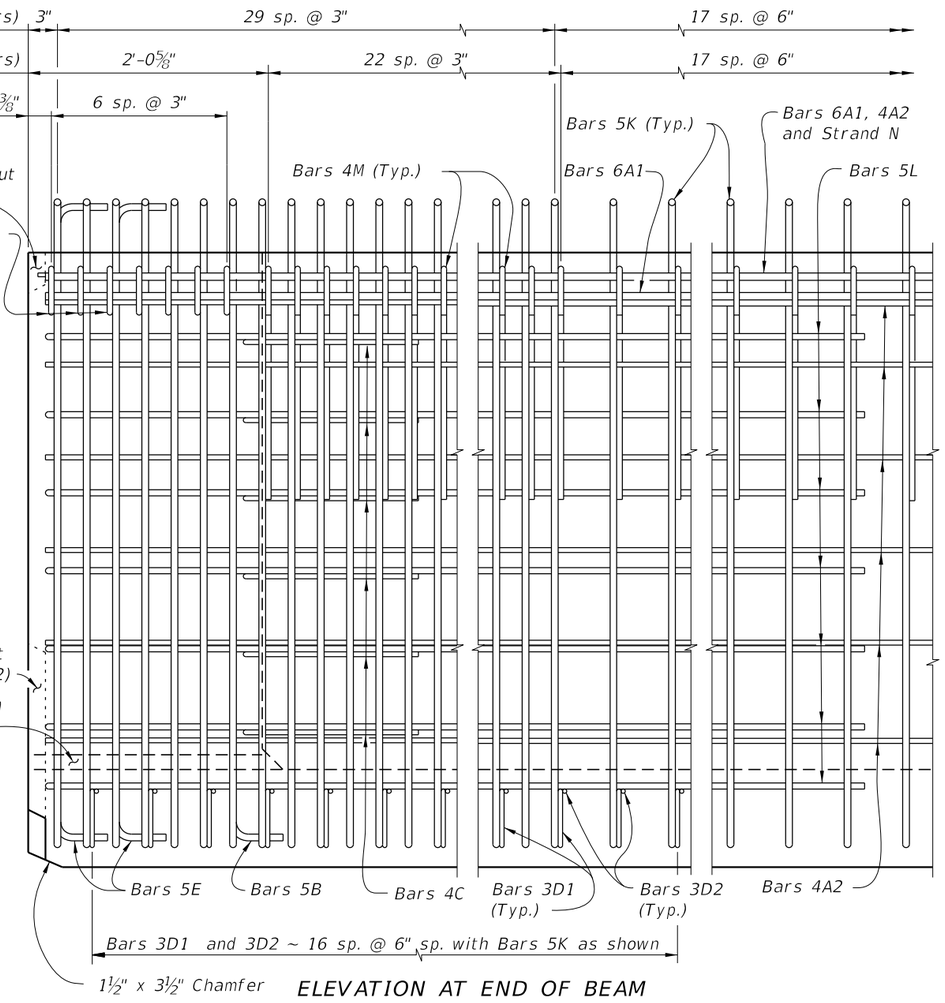

* Reinforcing steel is symmetrical about ℄ Beam for Half Sections A-A and B-B.

** Intermediate Diaphragms shall be provided:
(1) - At midspan.
(2) - At 25'-0" Max. from midspan when beam length (L) exceeds 70 Ft.

TYPICAL SECTION

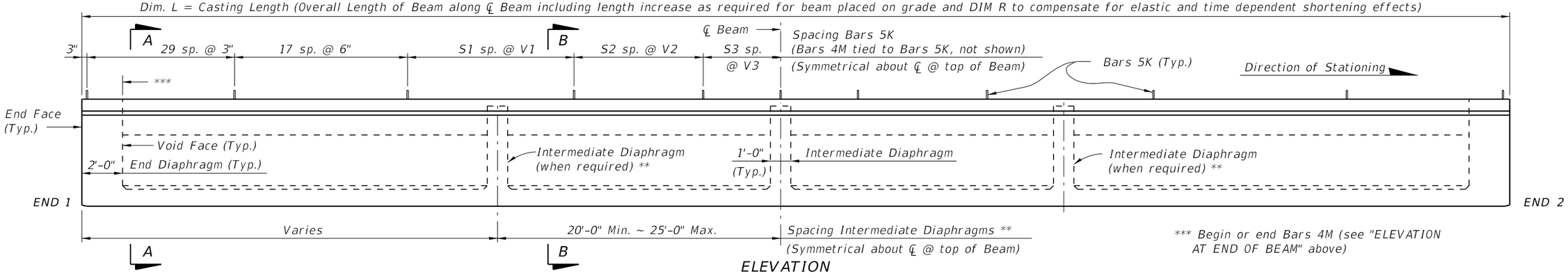
NOTES:
Work this Index with Index 450-210 - Typical Florida-U Beam Details and Notes and the Florida-U Beam - Table of Beam Variables in Structures Plans.

For referenced notes see Index 450-210.




ELEVATION AT END OF BEAM

Dim. L = Casting Length (Overall Length of Beam along ℄ Beam including length increase as required for beam placed on grade and DIM R to compensate for elastic and time dependent shortening effects)

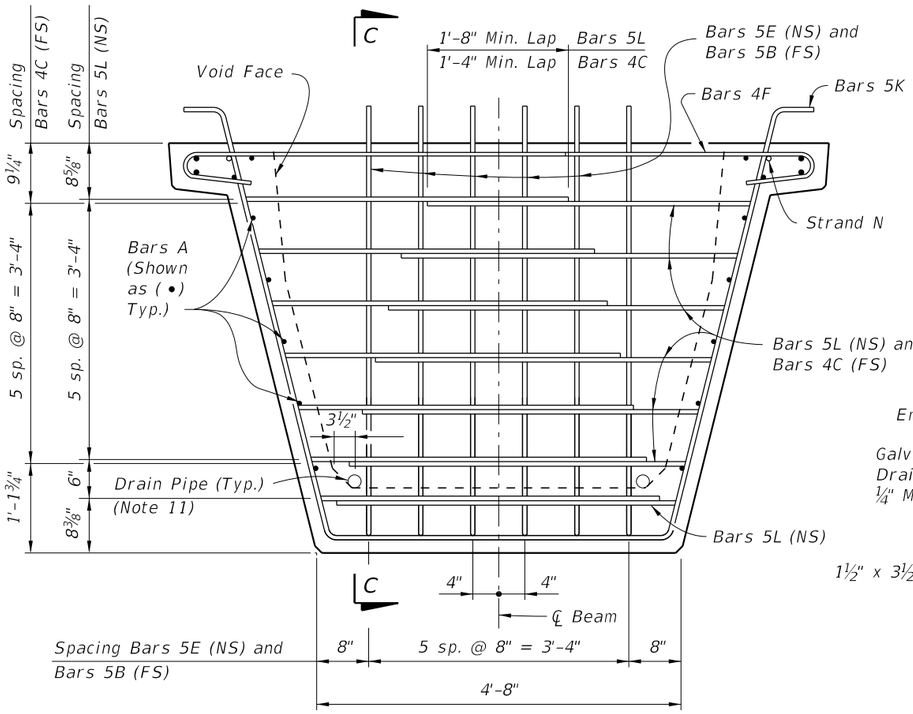



ELEVATION

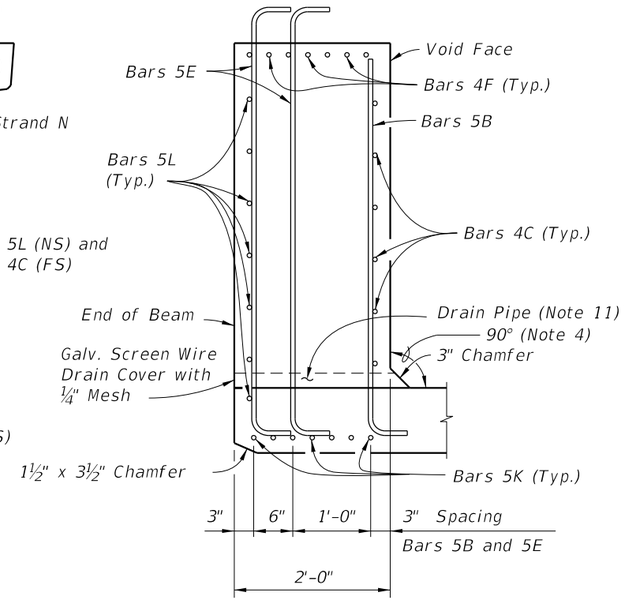
*** Begin or end Bars 4M (see "ELEVATION AT END OF BEAM" above)

| LAST REVISION | REVISION | DESCRIPTION: | | | | |
|---|---|---|---|---|---|---|
| 11/01/16 | | | FDOT FY 2025-26 STANDARD PLANS | FLORIDA-U 63 BEAM - STANDARD DETAILS | INDEX 450-263 | SHEET 1 of 3 |

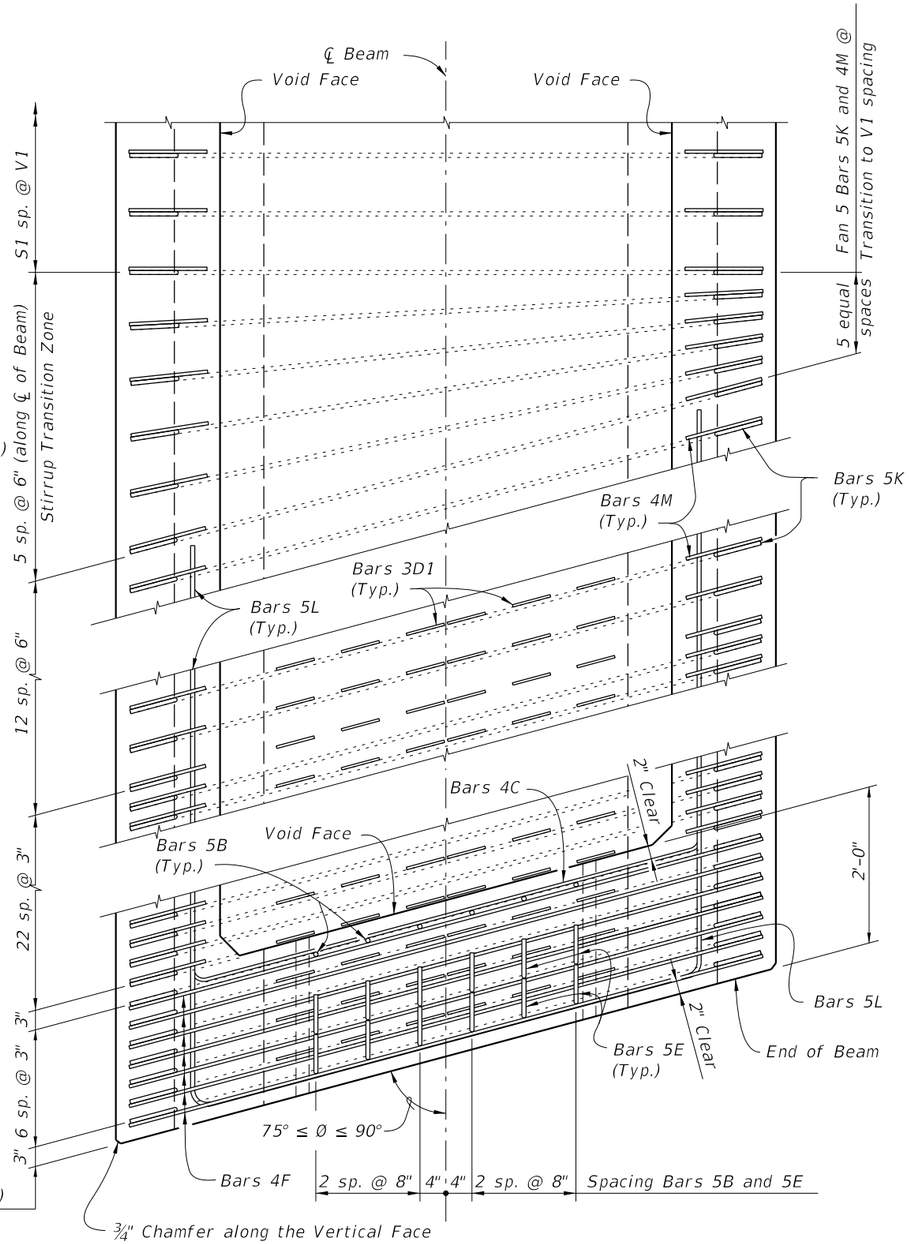
10/17/2024 9:46:54 AM



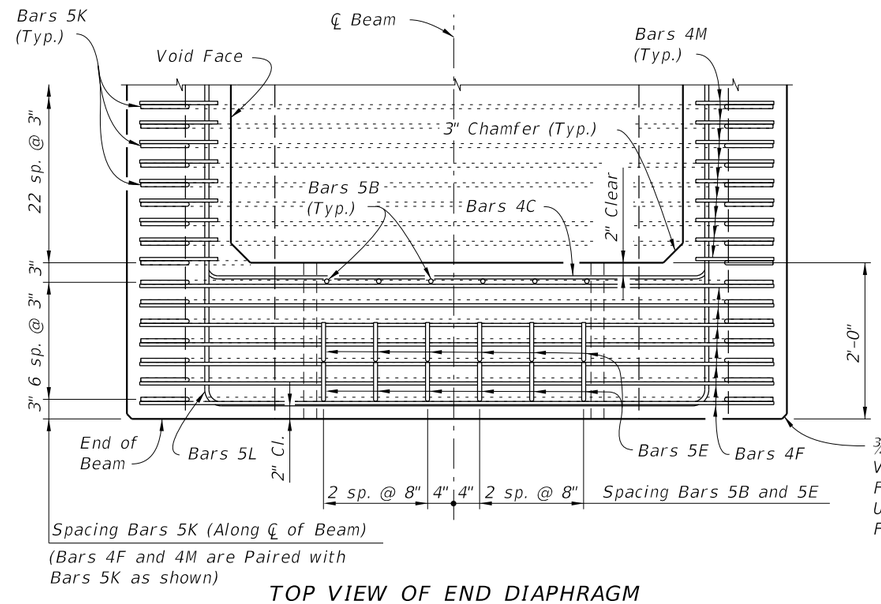

END VIEW AT END DIAPHRAGM




SECTION C-C




TOP VIEW OF SKEWED END DIAPHRAGM
AND STIRRUP TRANSITION ZONE
(Bars 3D2 Not Shown For Clarity)

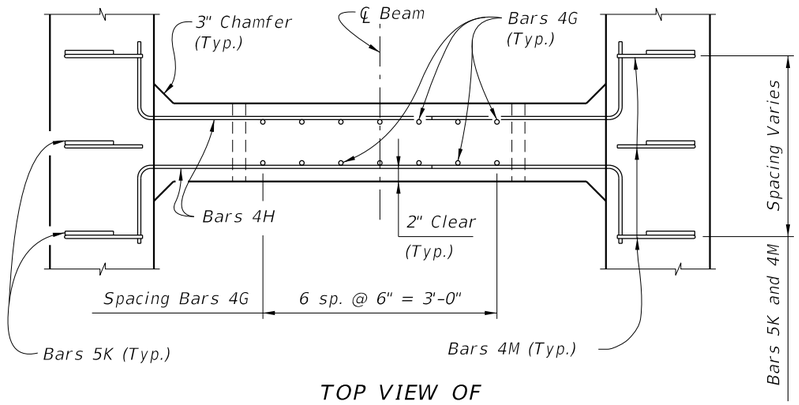



TOP VIEW OF END DIAPHRAGM
(Bars 3D1 And 3D2 Not Shown For Clarity)

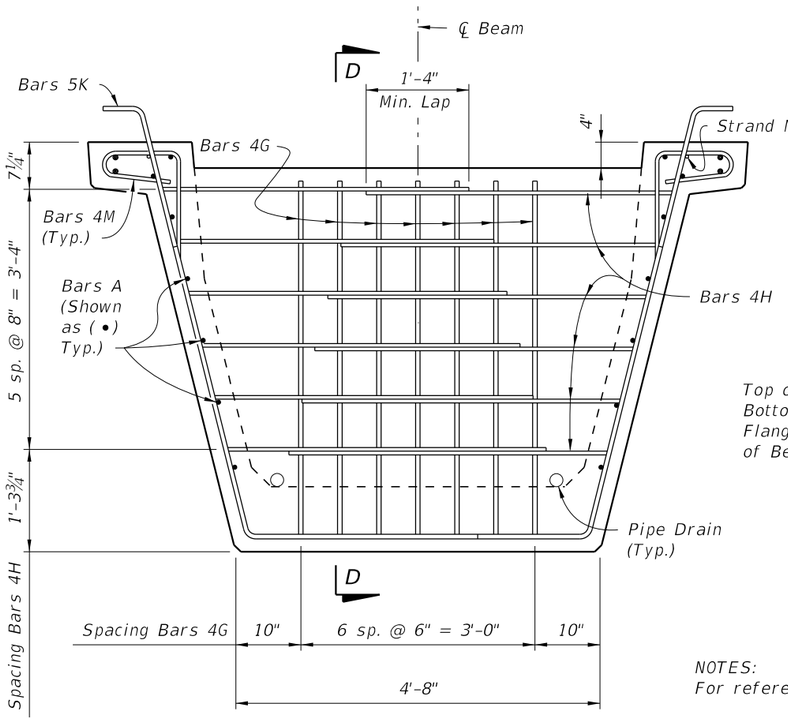
NOTES:
For referenced note see Index 450-210.

10/17/2024 9:47:01 AM

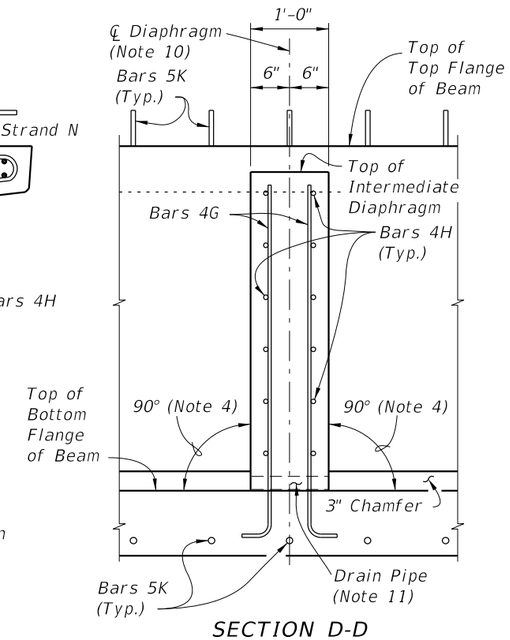
| LAST REVISION | REVISION | DESCRIPTION: | FDOT | FY 2025-26 STANDARD PLANS | FLORIDA-U 63 BEAM - STANDARD DETAILS | INDEX | SHEET |
|---|---|---|---|---|---|---|---|
| 11/01/16 | | | | | | 450-263 | 2 of 3 |




TOP VIEW OF INTERMEDIATE DIAPHRAGM




SECTION AT INTERMEDIATE DIAPHRAGM



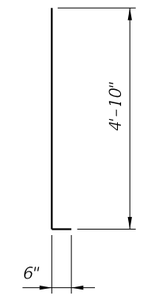

SECTION D-D

NOTES:
For referenced notes see Index 450-210.

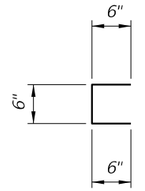
## CONVENTIONAL REINFORCING STEEL BENDING DIAGRAMS

### BILL OF REINFORCING STEEL FOR ONE BEAM ONLY

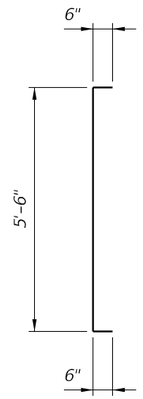
| MARK | SIZE | NO. REQD. | LENGTH |
|---|---|---|---|
| A1 | 6 | 4 | Dim. L – 4" |
| A2 | 4 | 12 | Dim. L – 4" |
| B | 5 | 12 | 5'-4" |
| C | 4 | 24 | 5'-5" |
| D1 | 3 | 204 | 1'-6" |
| D2 | 3 | 34 | 4'-6" |
| E | 5 | 24 | 6'-6" |
| F | 4 | 28 | 6'-6" |
| G | 4 | See Table | 5'-3" |
| H | 4 | See Table | 4'-11" |
| K | 5 | See Table | 9'-2½" |
| L | 5 | 28 | 17'-8" |
| M | 4 | See Table | 3'-11" |
| N | ⅜" Ø Strand | 2 | Dim. L – 3" |



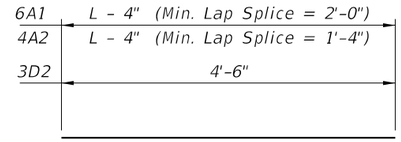

Bars 5B



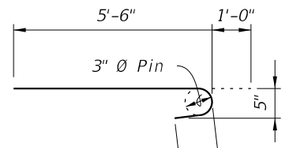

Bars 3D1



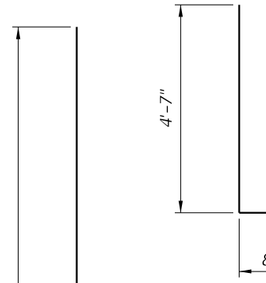

Bars 5E



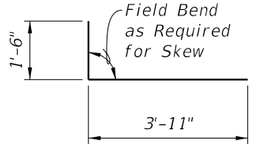

Bars 6A1, 4A2 and 3D2



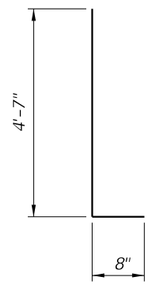

Bars 4F



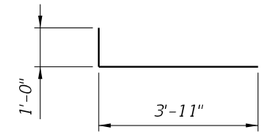

Bars 5L



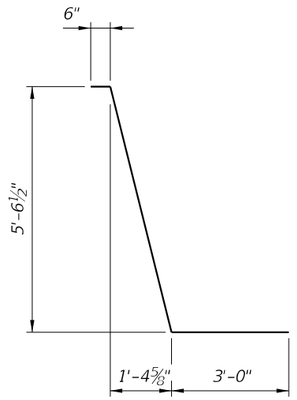

Bars 4C



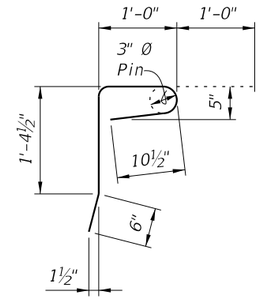

Bars 4G




Bars 4H




Bars 5K




Bars 4M