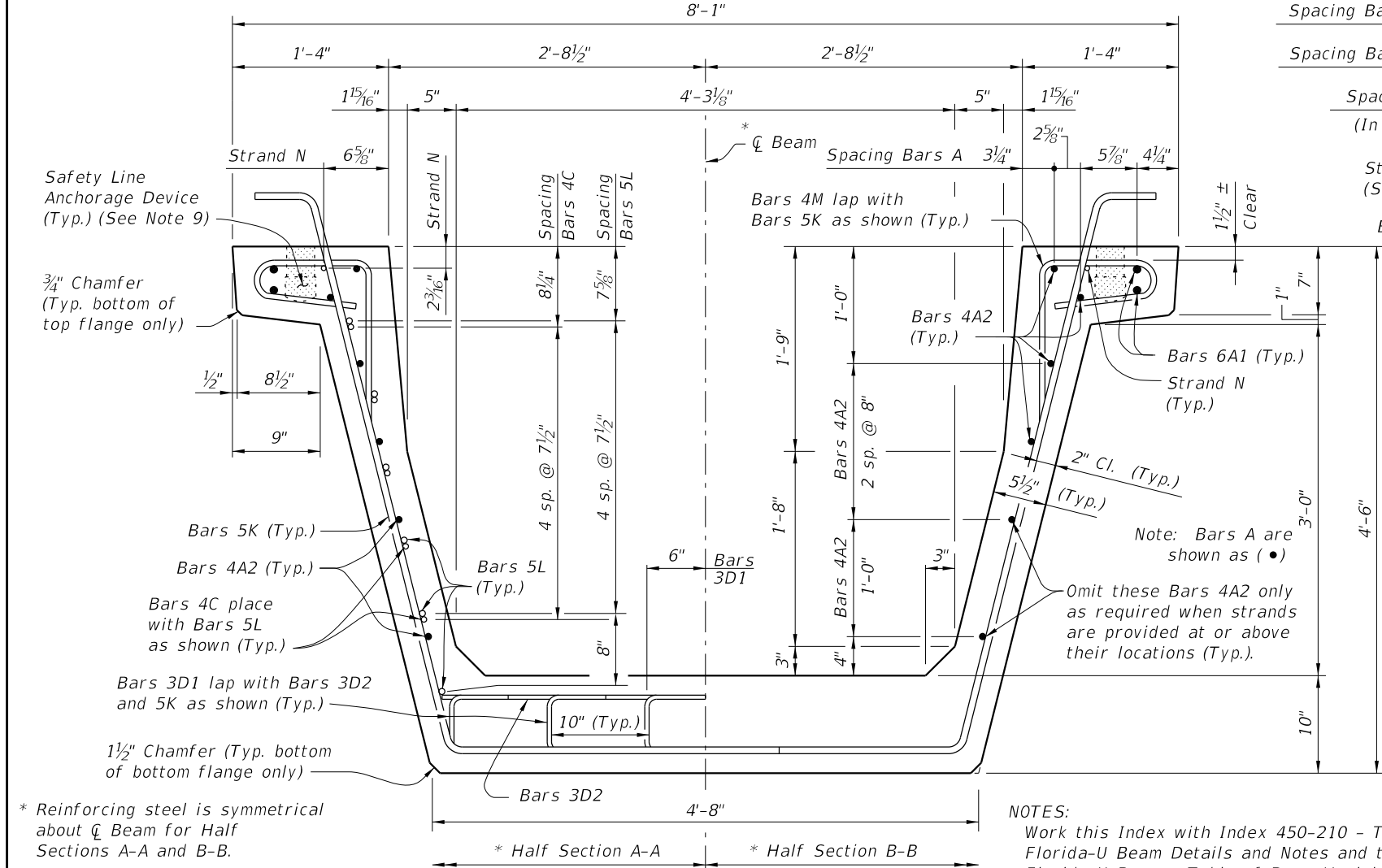




* Reinforcing steel is symmetrical about $\bar{C}$ Beam for Half Sections A-A and B-B.

** Intermediate Diaphragms shall be provided:

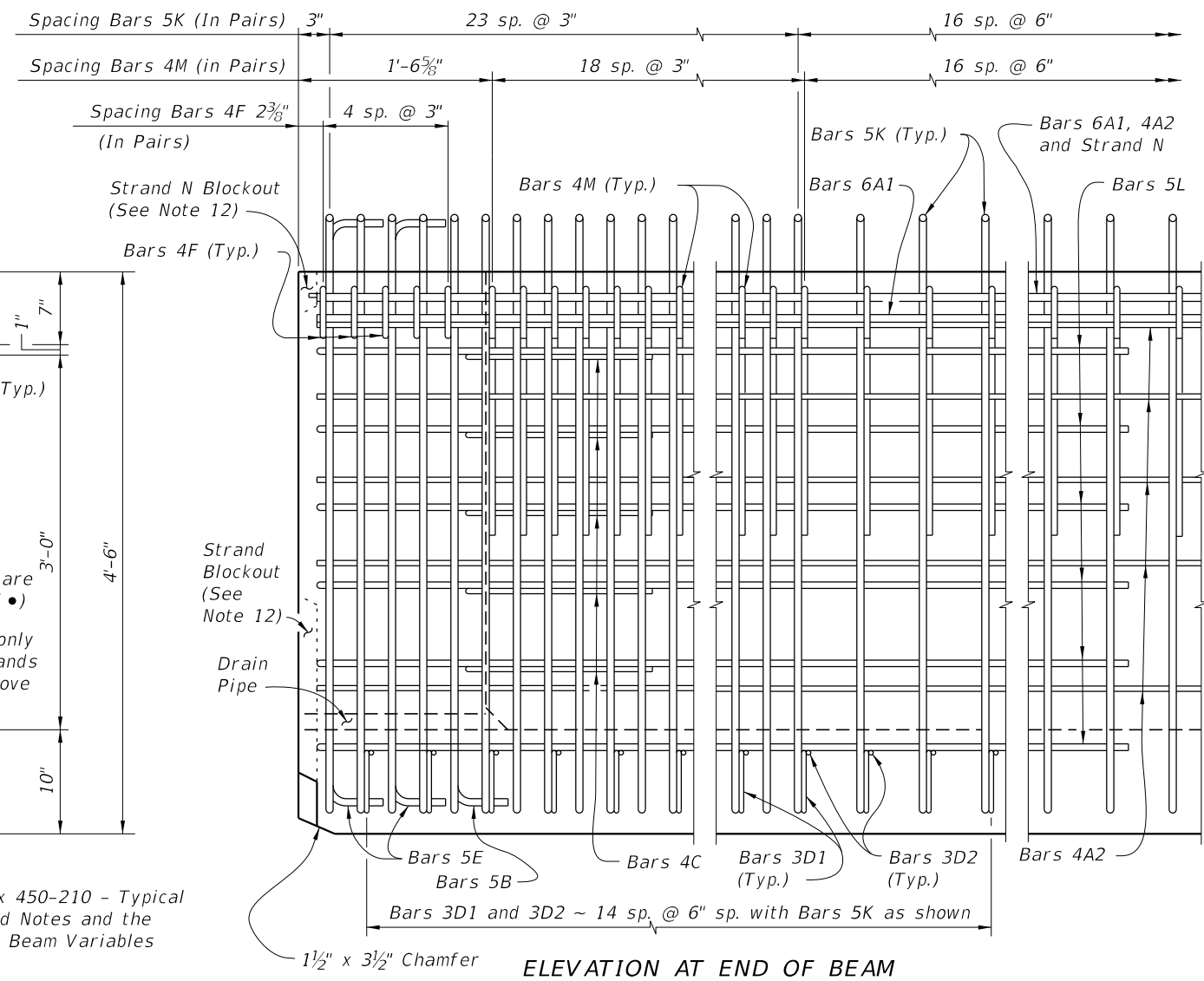
- (1) - At midspan.
- (2) - At 20'-0" Max. from midspan when beam length (L) exceeds 60 Ft.

TYPICAL SECTION

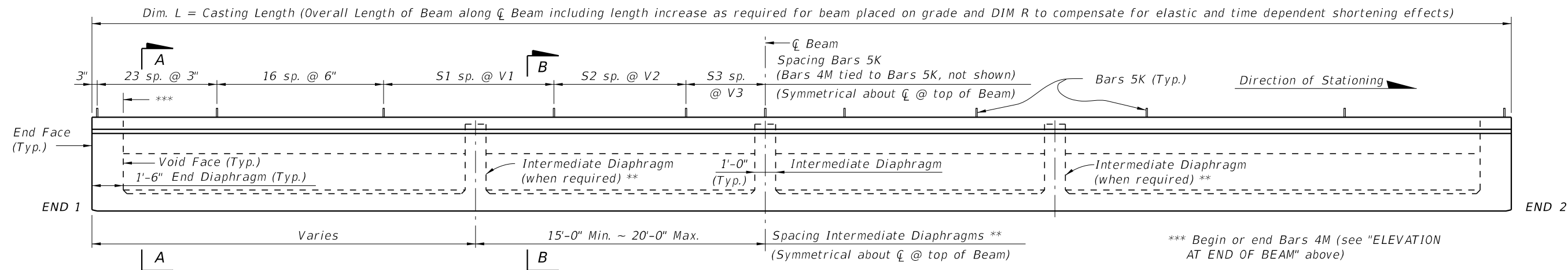
NOTES:

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.

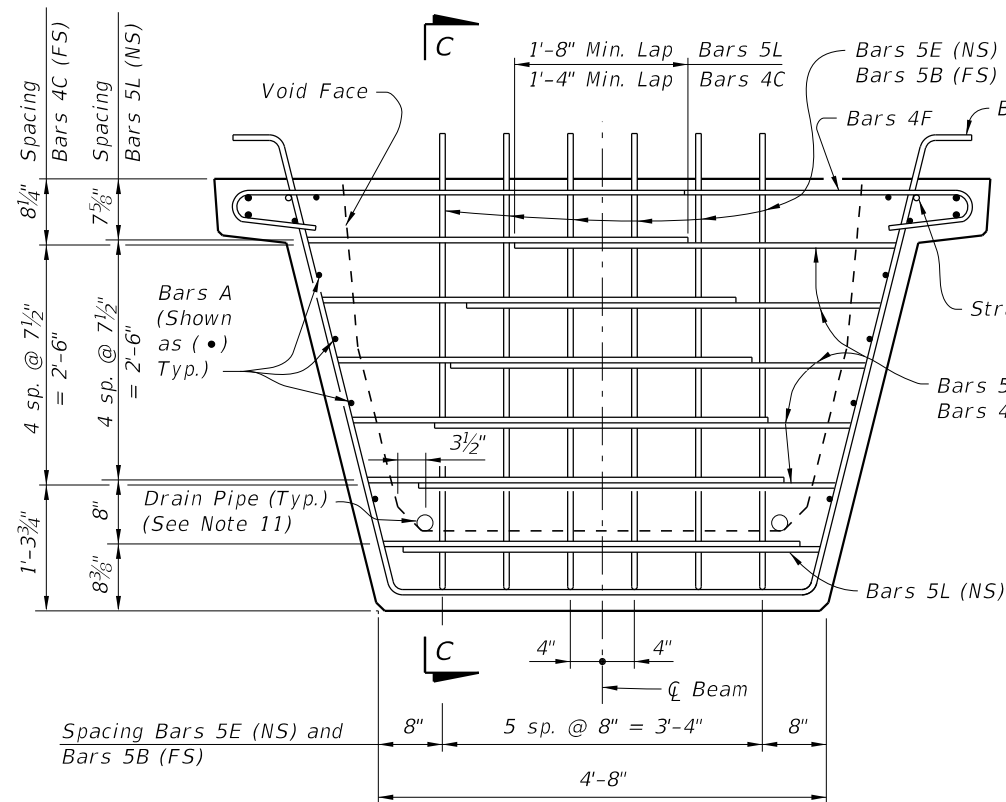


ELEVATION AT END OF BEAM

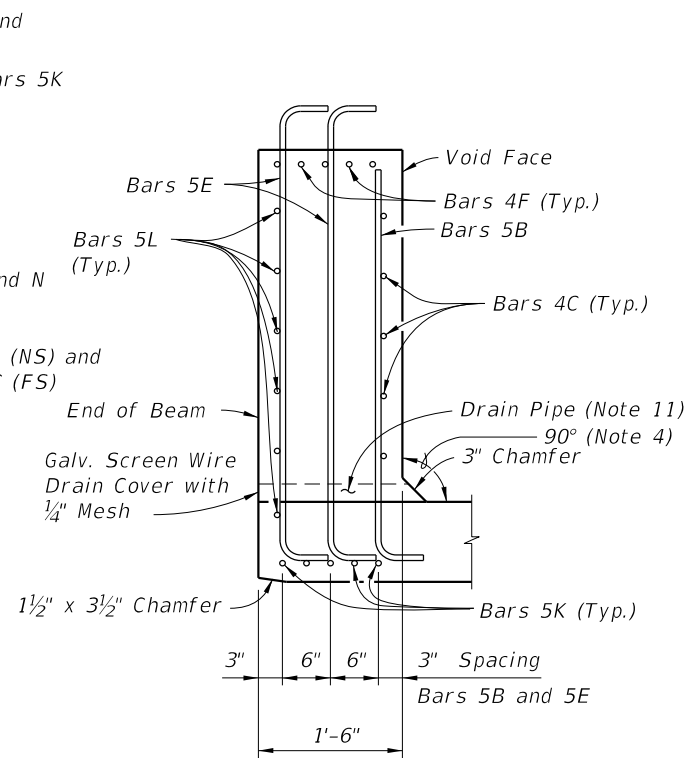


ELEVATION

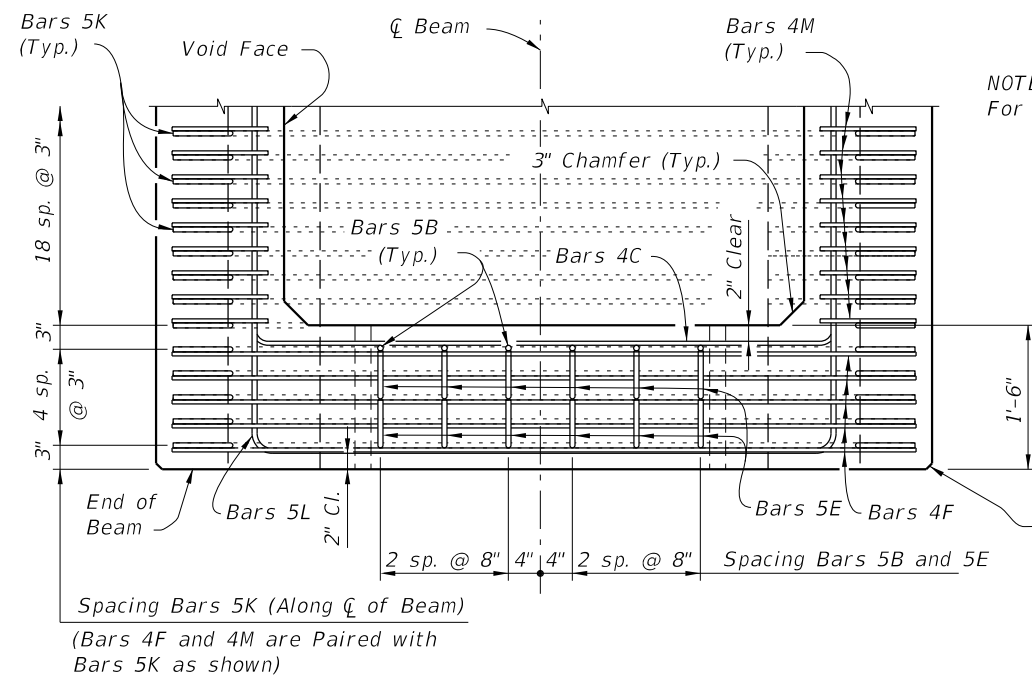
9/29/2026 7:49:14 AM



END VIEW AT END DIAPHRAGM



SECTION C-C

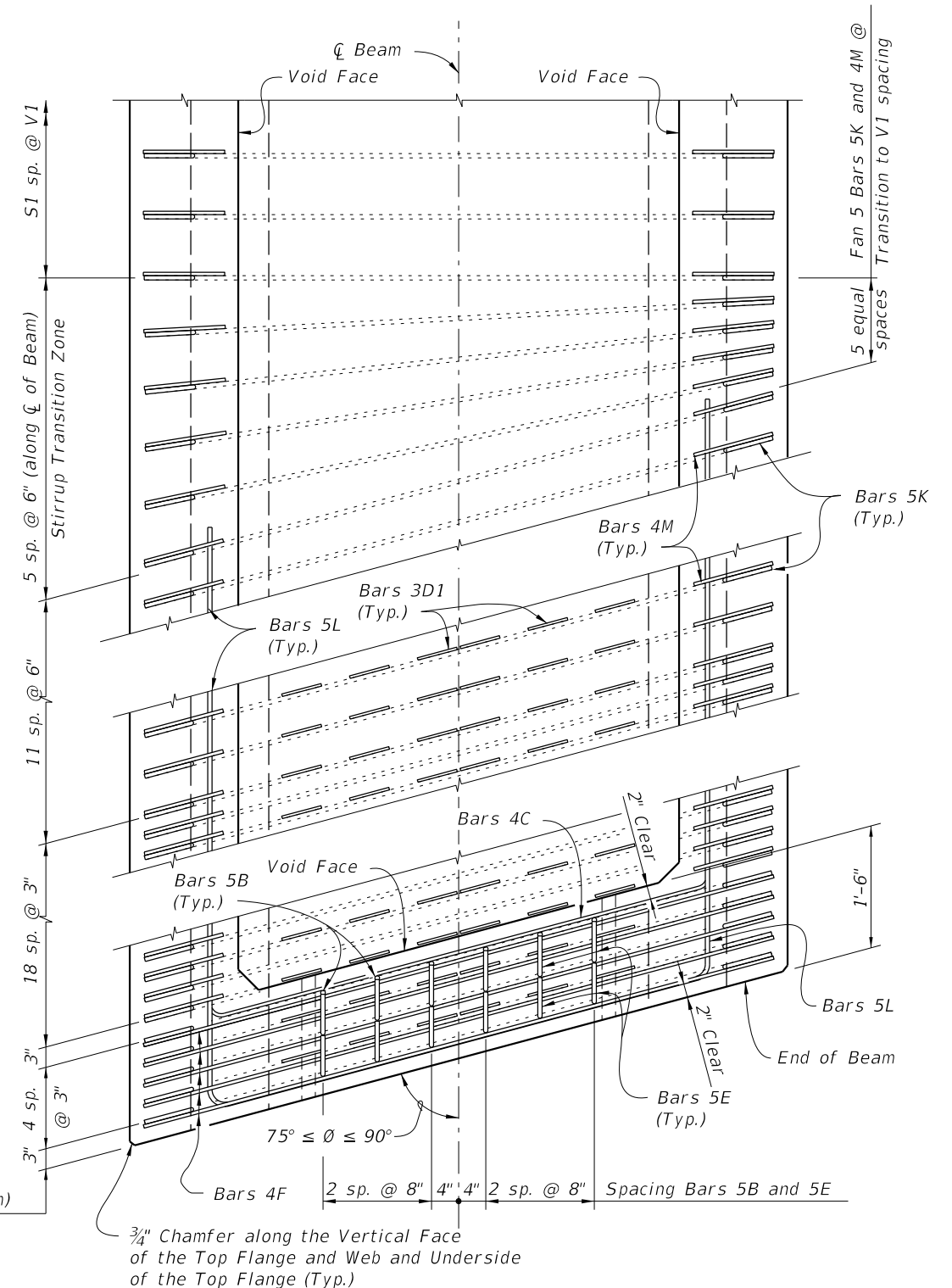


TOP VIEW OF END DIAPHRAGM
(Bars 3D1 And 3D2 Not Shown For Clarity)

NOTES:
For referenced notes see Index 450-210.

Spacing Bars 5K (Along $\bar{C}$ of Beam)
(Bars 4F and 4M are Paired with
Bars 5K as shown)

$\frac{3}{4}$ " Chamfer along the
Vertical Face of the Top
Flange and Web and
Underside of the Top
Flange (Typ.)

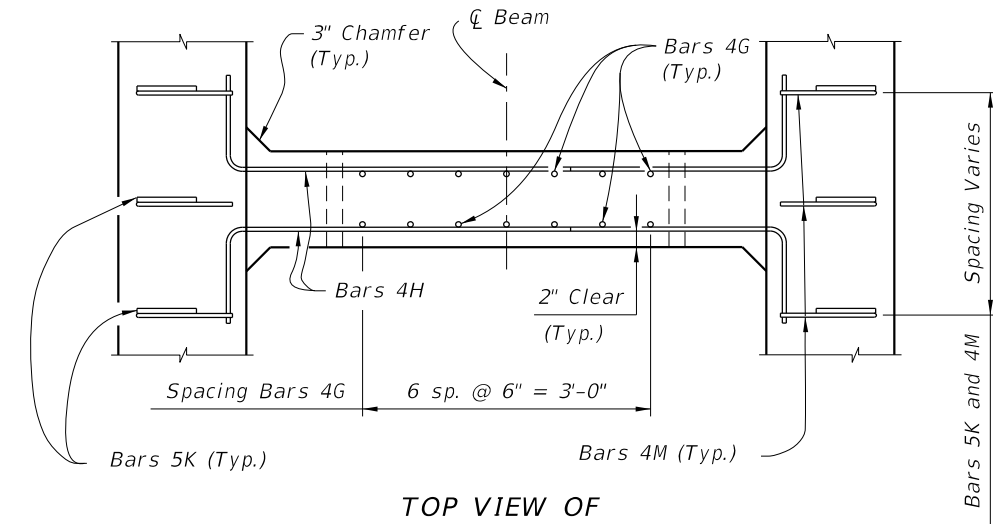


TOP VIEW OF SKEWED END DIAPHRAGM
AND STIRRUP TRANSITION ZONE
(Bars 3D2 Not Shown For Clarity)

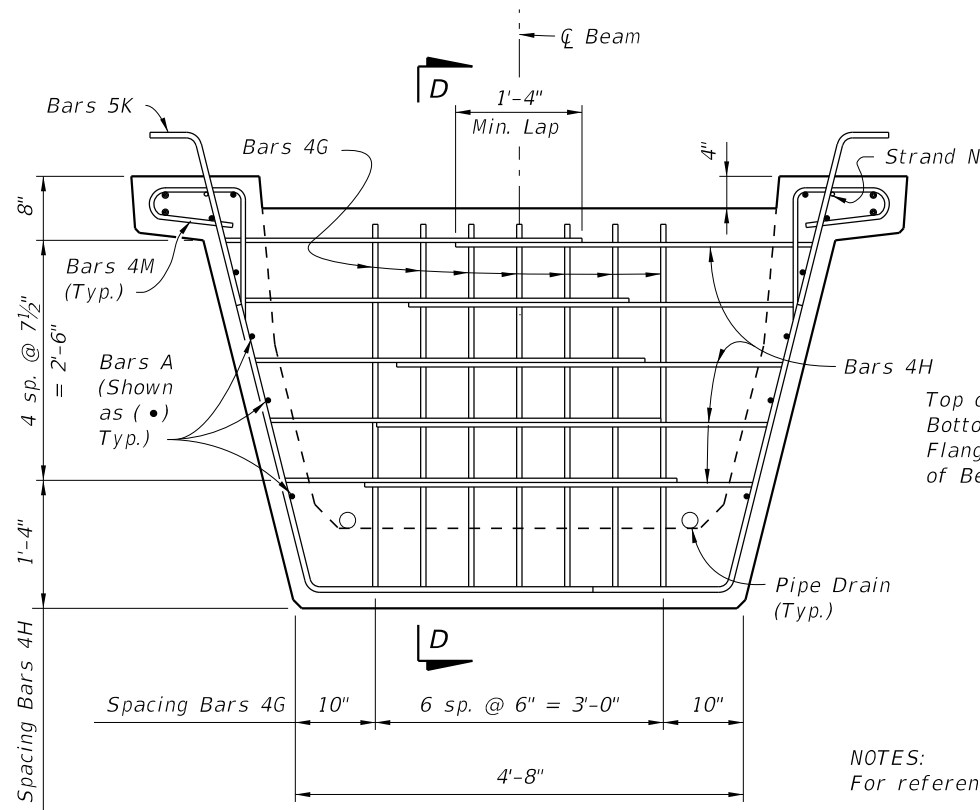
9/29/2026 7:49:17 AM

<p>LAST REVISION 11/01/16</p>	<p>DESCRIPTION:</p>	<p>FY 2027-28 STANDARD PLANS</p>	<p>FLORIDA-U 54 BEAM - STANDARD DETAILS</p>	<p>INDEX 450-254</p>	<p>SHEET 2 of 3</p>
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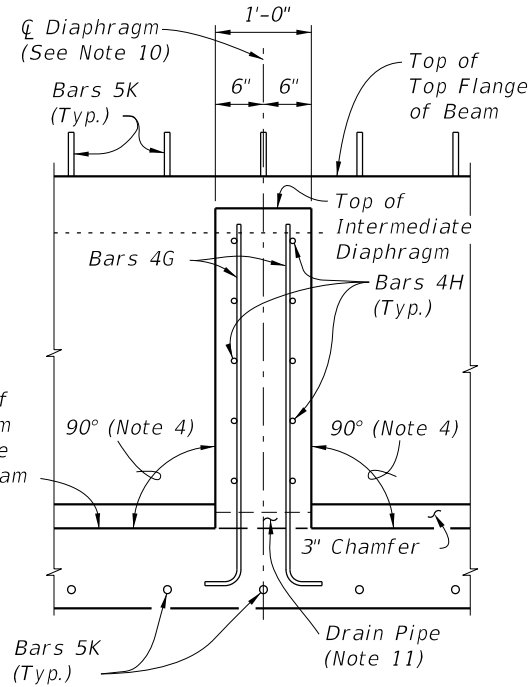
9/29/2026 7:49:19 AM



TOP VIEW OF
INTERMEDIATE DIAPHRAGM



SECTION AT INTERMEDIATE DIAPHRAGM



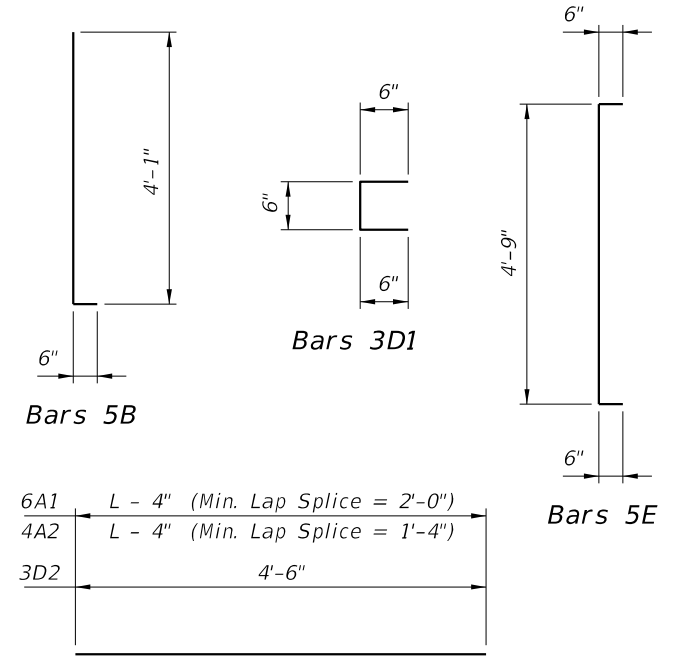
SECTION D-D

NOTES:
For referenced note see Index 450-210.

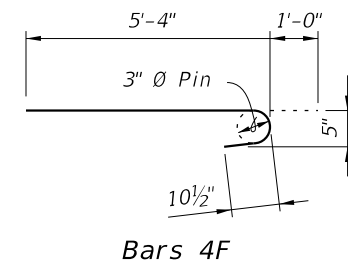
CONVENTIONAL REINFORCING STEEL BENDING DIAGRAMS

BILL OF REINFORCING STEEL
FOR ONE BEAM ONLY

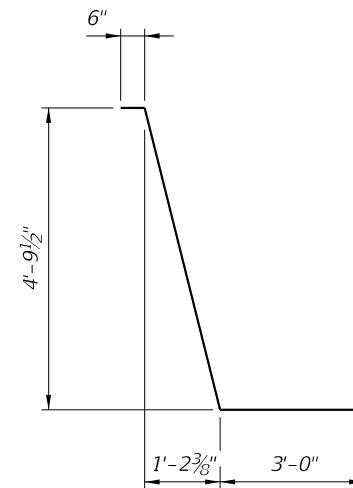
MARK	SIZE	NO. REQD.	LENGTH
A1	6	4	Dim. L - 4"
A2	4	12	Dim. L - 4"
B	5	12	4'-7"
C	4	20	5'-3"
D1	3	180	1'-6"
D2	3	30	4'-6"
E	5	24	5'-9"
F	4	20	6'-4"
G	4	See Table	4'-6"
H	4	See Table	4'-9"
K	5	See Table	8'-6"
L	5	24	16'-2"
M	4	See Table	3'-11"
N	3/8" Ø Strand	2	Dim. L - 3"



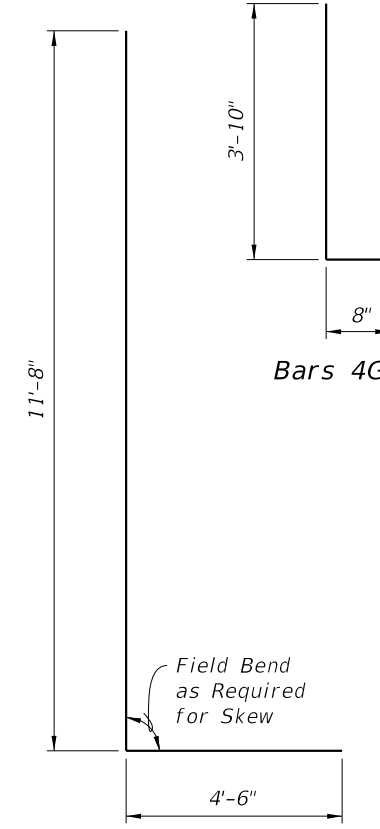
Bars 6A1, 4A2 and 3D2



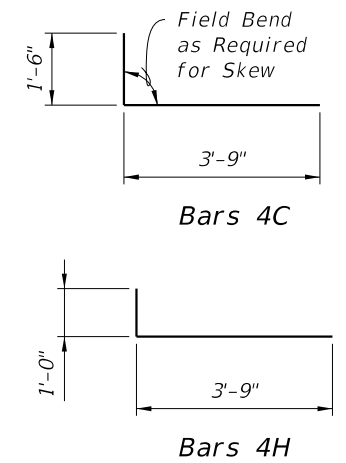
Bars 4F



Bars 5K

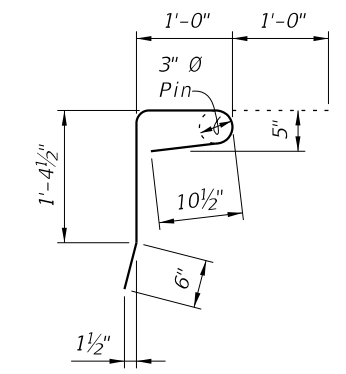


Bars 5L



Bars 4C

Bars 4H



Bars 4M

LAST
REVISION
11/01/16

DESCRIPTION:



FY 2027-28
STANDARD PLANS

FLORIDA-U 54 BEAM - STANDARD DETAILS

INDEX
450-254

SHEET
3 of 3