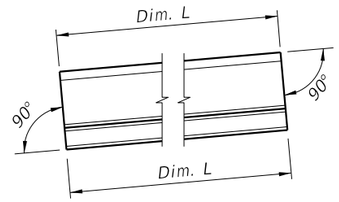
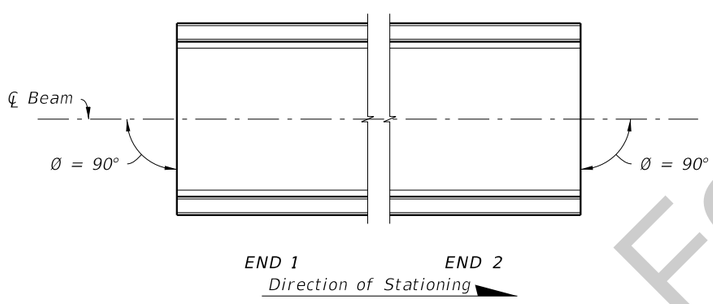
FABRICATION NOTES

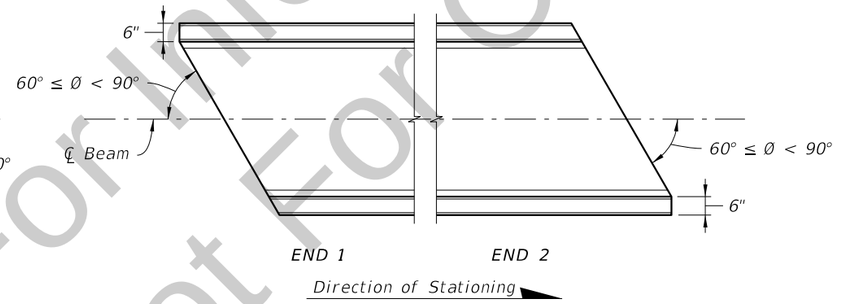
1. *The abbreviated FSB designation for depth and width is FSB "depth" x "width", e.g. FSB 12 x 48.*
2. *All bar dimensions are out-to-out.*
3. *Strands N shall be ASTM A416, Grade 250 or 270, ⅜" Ø or larger strands, stressed to 10,000 lbs. each.*
4. *Unless otherwise noted, the minimum concrete cover for reinforcing steel shall be 2".*
5. *For referenced Dimensions, Angles and Case Numbers, see Florida Slab Beam – Table of Variables in Structures Plans.*
6. *Bars 4D1 & 6Y1 correspond to END 1, and 4D2 & 6Y2 correspond to END 2.*
7. *Bars 5E1 correspond to interior FSBs, and 5E2 correspond to exterior FSBs.*
8. *Rake the top surface of the Slab Beams transversely to provide a roughened surface with ¼" amplitude.*



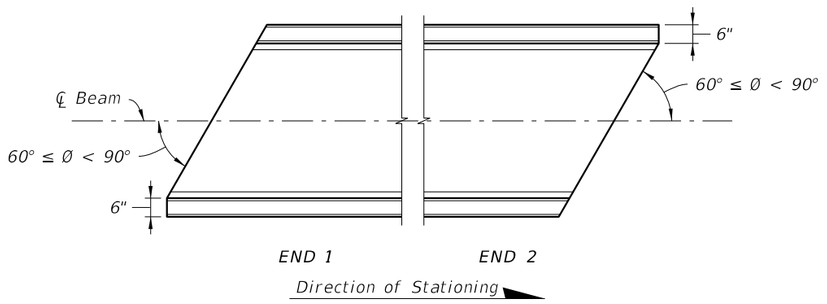
SCHEMATIC SIDE ELEVATION OF BEAM
(Beam on a Positive Grade shown; Beam on a Negative Grade or Horizontal Grade similar.)



CASE 1



CASE 2



CASE 3

SCHEMATIC PLAN VIEWS AT BEAM ENDS

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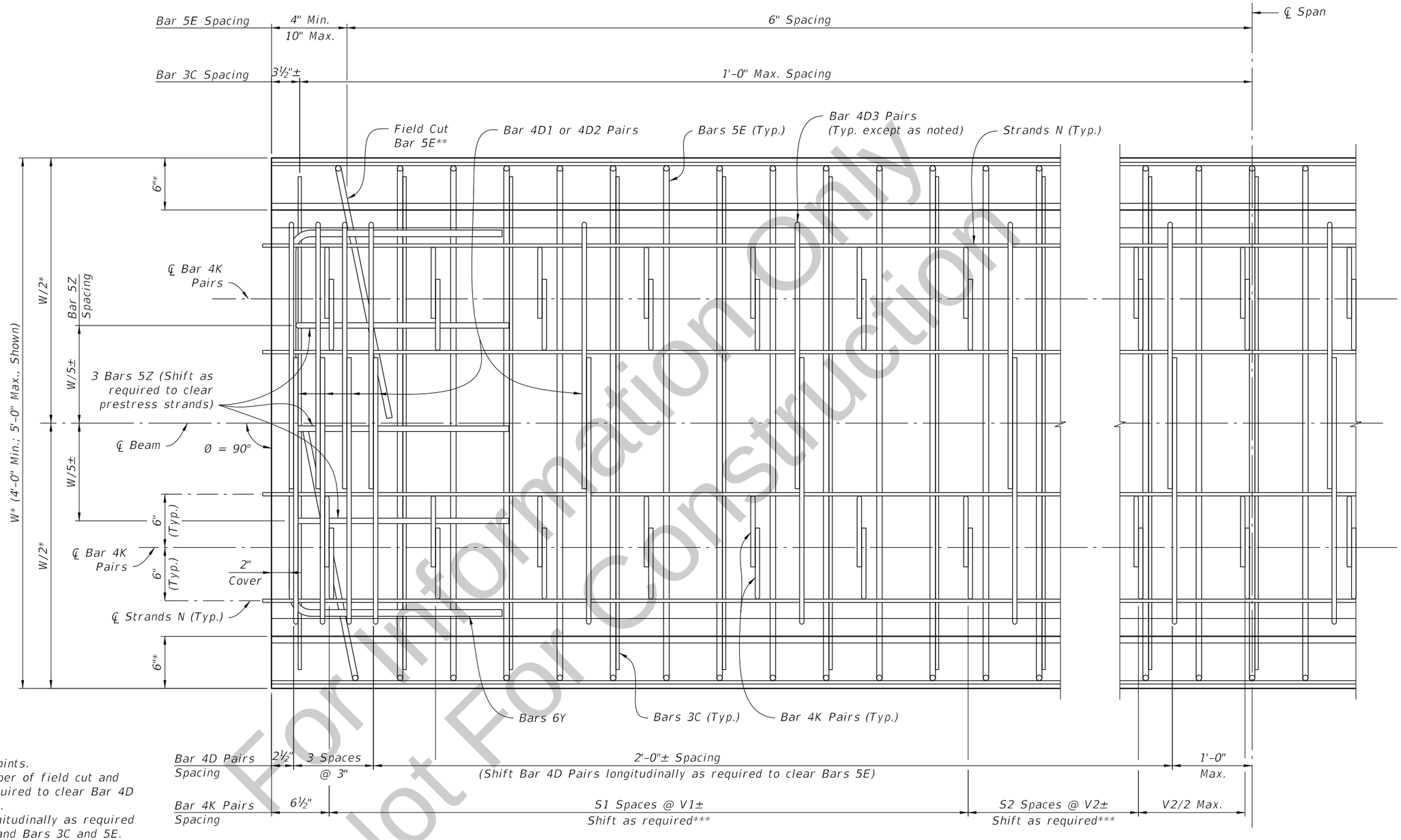
LAST REVISION	REVISION	DESCRIPTION:			INDEX NO.	SHEET NO.
01/01/16			FDOT DEVELOPMENTAL DESIGN STANDARDS	TYPICAL FLORIDA SLAB BEAM DETAILS AND NOTES	D20450	1 of 3



* Measured to Working Points.

** At Beam ends, use number of field cut and rotated Bars 5E as required to clear Bar 4D Pairs and Bar 4K Pairs.

*** Shift Bar 4K Pairs longitudinally as required to clear Bar 4D Pairs and Bars 3C and 5E.

CROSS REFERENCE:

For Dimensions V1, V2 & W and number of spaces S1 & S2, see Florida Slab Beam – Table of Variables in Structures Plans.

See Indexes D20451, D20452 and D20453 for Bars 5E Details.

PARTIAL PLAN VIEW Ø = 90°

(END 1 SHOWN, END 2 SIMILAR)

(INTERIOR BEAM SHOWN, EXTERIOR BEAM SIMILAR, SEE BARS 5E DETAILS)

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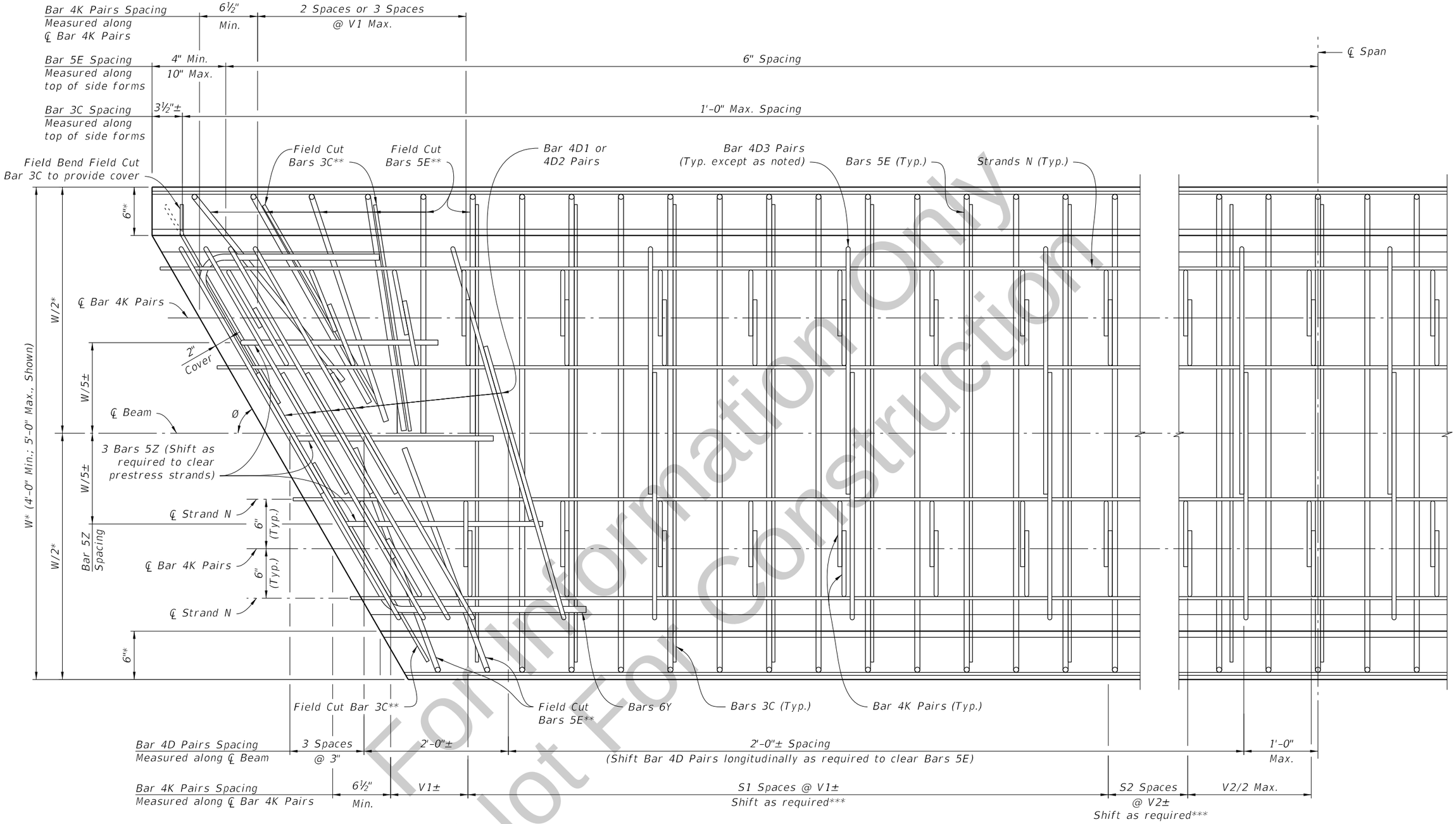
LAST REVISION	REVISION	DESCRIPTION:				
01/01/16			FDOT DEVELOPMENTAL DESIGN STANDARDS	TYPICAL FLORIDA SLAB BEAM DETAILS AND NOTES	INDEX NO. D20450	SHEET NO. 2 of 3



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PARTIAL PLAN VIEW 60° ≤ Ø < 90°
(END 1 SHOWN, END 2 SIMILAR)
(INTERIOR BEAM SHOWN, EXTERIOR BEAM SIMILAR, SEE BARS 5E DETAILS)

* Measured to Working Points.
** At Beam ends, use number of field cut and rotated Bars 3C and 5E as required to clear Bar 4D Pairs and Bar 4K Pairs.
*** Shift Bar 4K Pairs longitudinally as required to clear Bar 4D Pairs and Bars 3C and 5E.

CROSS REFERENCE:
For Dimensions V1, V2 & W, Angle Ø and number of spaces S1 & S2, see Florida Slab Beam – Table of Variables in Structures Plans.

See Indexes D20451, D20452 and D20453 for Bars 5E Details.

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LAST REVISION	REVISION	DESCRIPTION:			INDEX NO.	SHEET NO.
01/01/16			FDOT DEVELOPMENTAL DESIGN STANDARDS	TYPICAL FLORIDA SLAB BEAM DETAILS AND NOTES	D20450	3 of 3