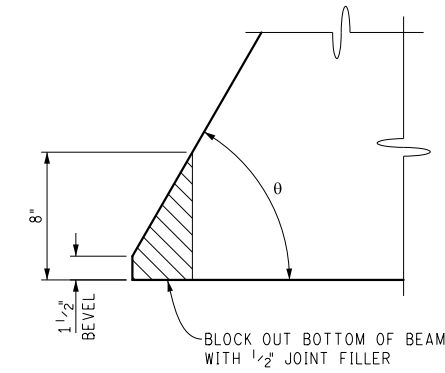## STRAND/DEBONDING LAYOUT TABLE

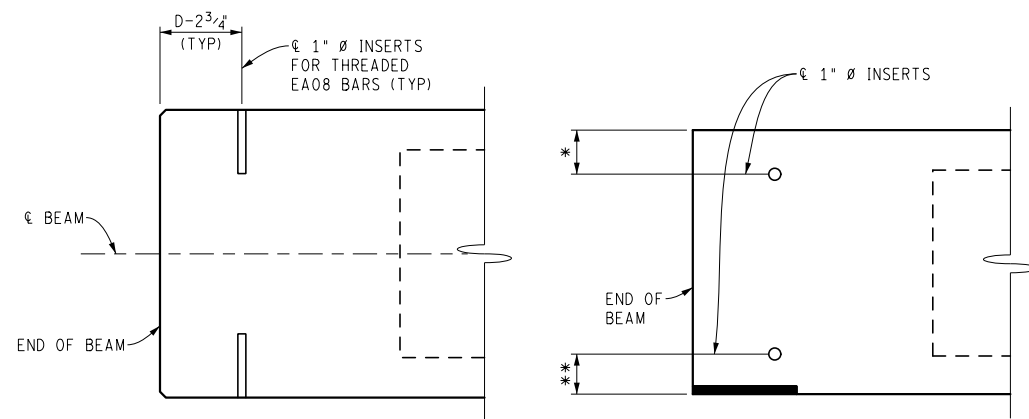| BEAM SPAN (℄ BRG-℄ BRG) (FT)	BEAM DIMENSIONS		NO. OF STRANDS					NO. OF DEBONDING STRANDS-(1st LAYER)-[2nd LAYER] DEBONDING LENGTHS (ft)
	H (in)	W (in)	1ST LAYER, 2" FROM BOTTOM	2ND LAYER, 4" FROM BOTTOM	3RD LAYER, 6" FROM BOTTOM	TOTAL NO. OF STRANDS	NO. OF DEBONDING STRANDS	
20	17	36	9	–	–	9	N/A	N/A
30	21	36	11	–	–	11	N/A	N/A
40	21	36	13	5	–	18	4	(2)2, (2)4
50	21	48	19	7	–	26	6	(2)2, (4)4
60	21	48	19	15	–	34	8	(2)2, (4)8, (2)12
70	27	48	19	15	–	34	6	(2)2, (2)4, (2)6
80	33	48	19	15	–	34	6	(2)2, (4)4
90	39	48	19	17	–	36	6	(2)2, (4)4
100	39	48	19	21	6	46	10	(2)12, (2)14, (2)30, [2]12, [2]20
110	48	48	19	21	4	44	10	(2)6, (2)10, (2)12, [2]2, [2]4

STRAND DEBONDING LENGTH IS MEASURED
FROM EACH BEAM END

THIS TABLE IS FOR INFORMATION ONLY AND
SHOULD NOT BE INCLUDED ON THE FINAL
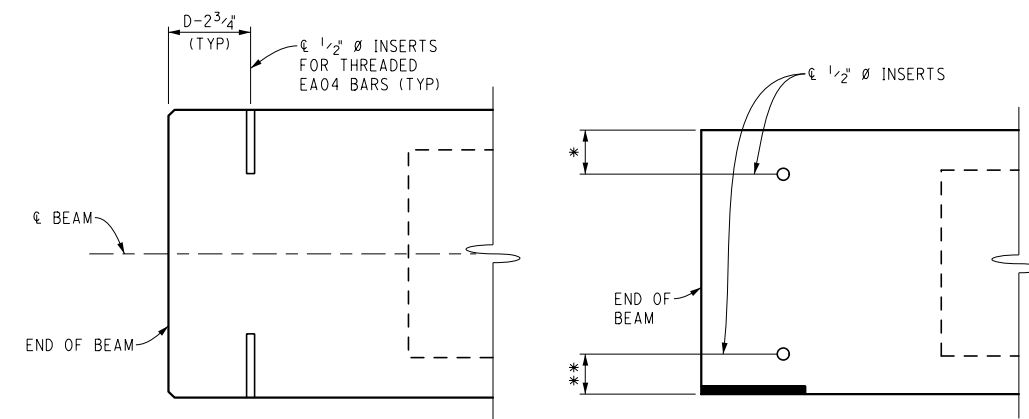DESIGN DRAWINGS

CORNER BLOCKING DETAIL

USE WHEN θ < 70°

8"

1½" BEVEL

θ

BLOCK OUT BOTTOM OF BEAM
WITH ½" JOINT FILLER

D-2¾ (TYP)

℄ 1" Ø INSERTS
FOR THREADED
EA08 BARS (TYP)

℄ 1" Ø INSERTS

℄ BEAM

END OF BEAM

END OF BEAM

PLAN

ELEV

INSERT DETAIL @ BEAM END (EXPANSION ABUTMENT)

(SEE DECK 002 FOR BACKWALL DETAILS)

D-2¾ (TYP)

℄ ½" Ø INSERTS
FOR THREADED
EA04 BARS (TYP)

℄ ½" Ø INSERTS

℄ BEAM

END OF BEAM

END OF BEAM

PLAN

ELEV

INSERT DETAIL @ BEAM END (FIXED ABUTMENT)

(SEE DECK 002 FOR BACKWALL DETAILS)

FOR INFORMATION ONLY:

"D" DENOTES BACKWALL THICKNESS.

* PLACE SPREAD BOX BEAM BACKWALL INSERTS AT 3½" OR 5½"
  DOWN FROM TOP OF BEAM TO AVOID INTERFERENCE WITH
  STRANDS. (3½" FOR 21" BEAMS) (5½" FOR >21" BEAMS)

** PLACE SPREAD BOX BEAM BACKWALL INSERTS AT 5" OR
  7" UP FROM BOTTOM OF BEAM TO AVOID INTERFERENCE
  WITH STRANDS. (5" FOR 21" BEAMS) (7" FOR >21" BEAMS)

THE ABOVE NOTES ARE FOR INFORMATION ONLY AND SHOULD NOT
BE INCLUDED ON THIS SHEET.