

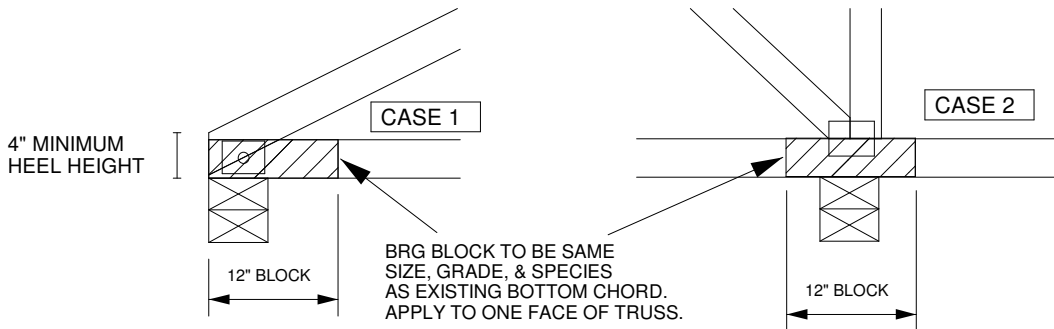
REFER TO INDIVIDUAL TRUSS DESIGN FOR PLATE SIZES AND LUMBER GRADES

IMPORTANT

This detail to be used only with one ply trusses with a D.O.L. lumber increase of 1.15 or higher. Trusses not fitting these criteria should be examined individually.

0-5-8 ACTUAL BEARING SIZE

BOTTOM CHORD SIZE AND NAILING PATTERN	LUMBER GRADE	ALLOWABLE REACTION (lb) *	BEARING BLOCK ALLOWABLE LOADS	BEARING BLOCK & WOOD BEARING ALLOWABLE LOADS	
				ALLOWABLE LOAD (lb)	TOTAL EQUIVALENT BEARING LENGTH
2x4 BOTTOM CHORD 2 ROWS @ 3" O.C. (8 TOTAL NAILS)	SP	4661	975	5636	0-6-10
	DF	5156	892	6048	0-6-7
	HF	3341	772	4113	0-6-12
	SPF	3506	754	4260	0-6-11
2x6 BOTTOM CHORD 3 ROWS @ 3" O.C. (12 TOTAL NAILS)	SP	4661	1462	6123	0-7-3
	DF	5156	1338	6494	0-6-15
	HF	3341	1159	4500	0-7-6
	SPF	3506	1131	4637	0-7-4
2x8 BOTTOM CHORD 4 ROWS @ 3" O.C. (16 TOTAL NAILS)	SP	4661	1950	6611	0-7-12
	DF	5156	1784	6940	0-7-6
	HF	3341	1545	4886	0-8-0
	SPF	3506	1508	5014	0-7-14



NOTES:

1. USE LOWER OF TOP PLATE OR TRUSS WOOD SPECIES.
2. THE END DISTANCE, EDGE DISTANCE, AND SPACING OF NAILS SHALL BE SUCH AS TO AVOID UNUSUAL SPLITTING OF THE WOOD.
3. NAILS DESIGNATED ARE 10d (0.131" X 3")

* FOR BEARINGS NOT NEARER THAN 3" TO THE END OF A MEMBER (CASE 2), THESE VALUES MAY BE MULTIPLIED BY A BEARING FACTOR OF 1.03

LOADS BASED ON FOLLOWING F_c PERPENDICULAR VALUES:

- SP = 565 psi
- DF = 625 psi
- HF = 405 psi
- SPF = 425 psi

NOTE: VALUES DO NOT INCLUDE MSR LUMBER WITH "E" VALUES GREATER THAN 1,900,000 PSI OR NON-DENSE GRADE LUMBER.