

# BEARING BLOCK NAIL SPACING DETAIL

CNNAILSP1014

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by -- MB



Markham, ON / Coquitlan, BC / Gatineau, QC

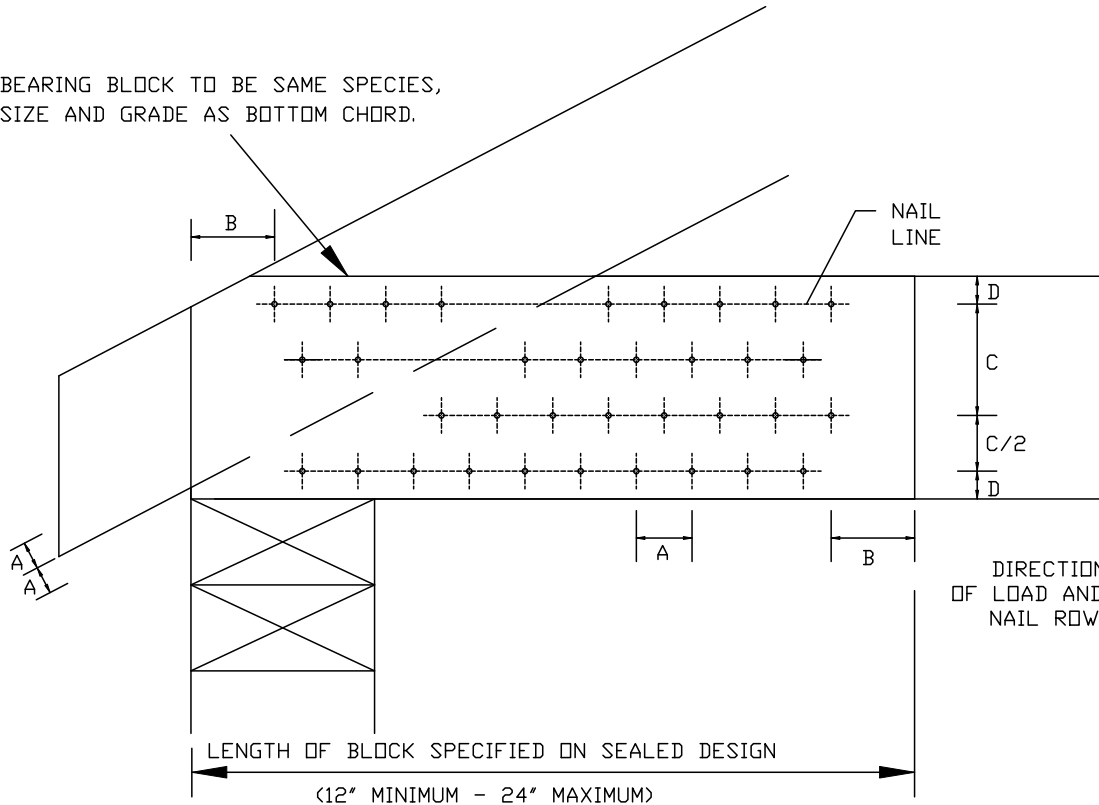
(SPF & NORTHERN SPECIES LUMBER)

\*\*Allowable spacing as per CSA 086 Latest Edition\*\*

MINIMUM SPACING FOR SINGLE BEARING BLOCK IS SHOWN. DOUBLE NAIL SPACINGS AND STAGGER NAILING FOR TWO BLOCKS. GREATER SPACING MAY BE REQUIRED TO AVOID SPLITTING.

- A - SPACING PARALLEL TO GRAIN (<16 NAIL DIAMETERS - MIN.)
- B - END DISTANCE (<12 NAIL DIAMETERS - MIN.)
- C - SPACING OF NAILS IN A ROW (<8 NAIL DIAMETERS - MIN.)
- D - EDGE DISTANCE (<4 NAIL DIAMETERS - MIN.)

BEARING BLOCK TO BE SAME SPECIES, SIZE AND GRADE AS BOTTOM CHORD.



MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

NAIL TYPE	DIAM.	CHORD SIZE				
		2X4	2X6	2X8	2X10	2X12
2.5" COMMON NAIL	0.128"	5	8	11	15	18
3.0" COMMON NAIL	0.144"	4	7	10	13	17
3.5" COMMON NAIL	0.160"	3	6	9	12	15
2.5" SPIRAL NAIL	0.109"	6	11	15	19	24
3.0" SPIRAL NAIL	0.122"	6	10	13	17	21
3.5" SPIRAL NAIL	0.152"	4	7	10	13	17
3.25" GUN NAIL	0.128"	5	8	11	15	18

MINIMUM NAIL SPACING DISTANCES ++

NAIL TYPE	DIAM.	DISTANCES			
		A	B	C	D
2.5" COMMON NAIL	0.128"	2-1/8"	1-5/8"	1-1/8"	5/8"
3.0" COMMON NAIL	0.144"	2-3/8"	1-3/4"	1-1/4"	5/8"
3.5" COMMON NAIL	0.160"	2-5/8"	2"	1-3/8"	3/4"
2.5" SPIRAL NAIL	0.109"	1-3/4"	1-3/8"	7/8"	1/2"
3.0" SPIRAL NAIL	0.122"	2"	1-1/2"	1"	1/2"
3.5" SPIRAL NAIL	0.152"	2-1/2"	1-7/8"	1-1/4"	5/8"
3.25" GUN NAIL	0.128"	2-1/8"	1-5/8"	1-1/8"	5/8"

++ - Allowable spacing as per CSA 086 Latest Edition rounded to the nearest 1/8"

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