BEARING BLOCK NAIL SPACING DETAIL

CNNAILSP1014

rev by - Nov 2021 - MB

ALPINE® AN ITW COMPANY

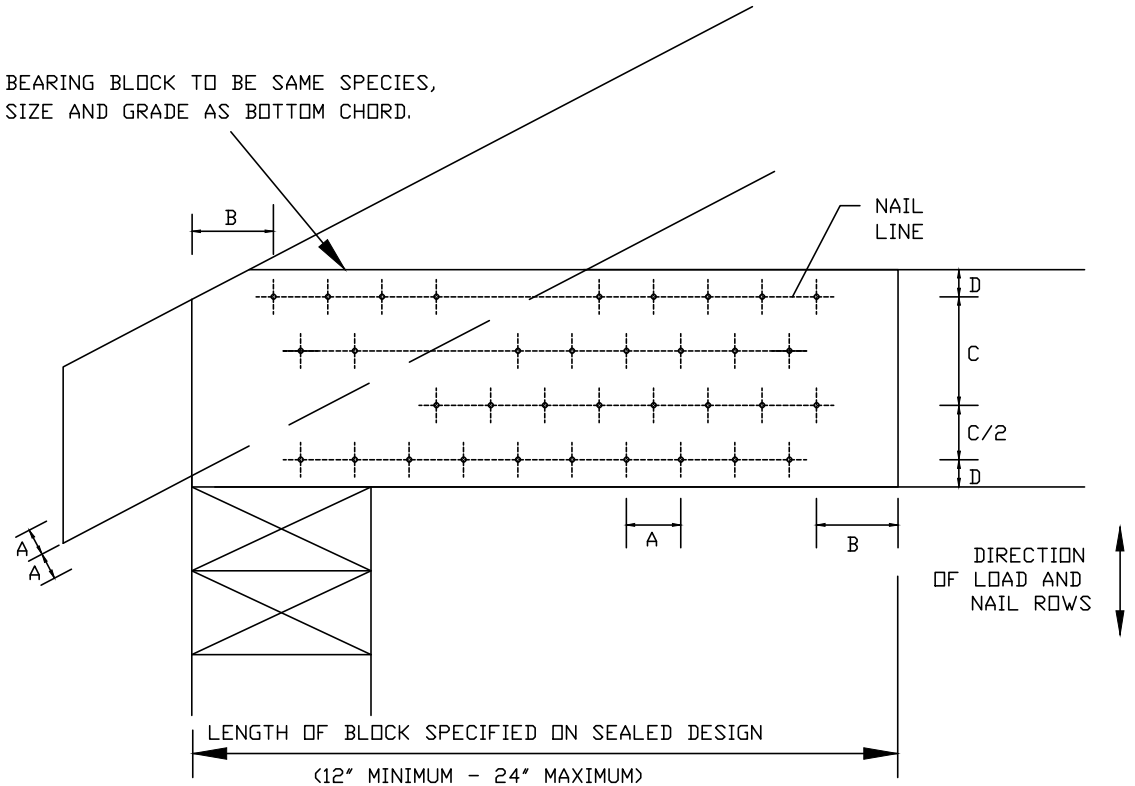
Markham, ON / Coquitlam, BC / Gatineau, QC

(SPF & NORTHERN SPECIES LUMBER)

Allowable spacing as per CSA O86 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.)



MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

		CHORD SIZE				
NAIL TYPE	DIAM.	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 ++

		DISTANCES			
NAIL TYPE	DIAM.	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 O86 Latest Edition rounded to the nearest 1/8"

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CCMC #12182-L, 12802-L, 13124-L