SIZING TABLES

CITY OF PORTLAND, MAINE
RESURGAM
Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 12/06/16

How to Use This Table

1. Verify that floor loading of 40 psf live load and 12 psf dead load is adequate.
2. Determine appropriate **Load** and **House Width**.
3. Locate **Rough Opening**.
4. Select header size and material.

*Also see **General Notes** on page 13.*

Headers Supporting Floor and Roof

Load (PSF)		House Width	Rough Opening 8'				Rough Opening 9'-3"				Rough Opening 10'				Rough Opening 12'			
Non-Snow Area 125%	Roof Load 20LL + 15DL Floor Load 40LL + 12DL	24'	1¾" x 11¼"	T	M		1¾" x 11⅞"(3)		M		1¾" x 14"(3)	T	M		3½" x 11¼"		M	P
			3½" x 9¼"	T	M	P	1¾" x 14"(3)	T	M		3½" x 9½"		M	P	3½" x 14"	T	M	P
							3½" x 9½"	T	M	P	3½" x 11¼"	T	M	P	5¼" x 11¼"	T	M	P
		30'	1¾" x 11⅞"(3)	T	M		1¾" x 14"(3)	T	M		3½" x 11¼"	T	M	P	3½" x 14"	T	M	P
			3½" x 9¼"	T	M	P	3½" x 9¼"		M	P	5¼" x 9¼"		M	P	5¼" x 11¼"	T	M	P
							3½" x 11¼"	T	M	P	5¼" x 9½"	T	M	P				
		36'	1¾" x 14"(3)	T	M		3½" x 11¼"	T	M	P	3½" x 11⅞"	T	M	P	3½" x 14"(3)	T	M	P
			3½" x 9½"	T	M	P	5¼" x 9¼"	T	M	P	5¼" x 9¼"		M	P	5¼" x 11¼"		M	P
			5¼" x 9¼"	T	M	P					5¼" x 11¼"	T	M	P				
	Roof Load 20LL + 20DL Floor Load 40LL + 12DL	24'	1¾" x 11¼"(3)	T	M		1¾" x 14"(3)	T	M		1¾" x 14"(3)	T	M		3½" x 11⅞"		M	P
			3½" x 9¼"	T	M	P	3½" x 9¼"		M	P	3½" x 11¼"	T	M	P	3½" x 14"	T	M	P
							3½" x 11¼"	T	M	P	5¼" x 9¼"	T	M	P	5¼" x 11¼"	T	M	P
		30'	1¾" x 14"(3)	T	M		1¾" x 14"(3)	T	M		3½" x 11¼"	T	M	P	3½" x 14"	T	M	P
			3½" x 9¼"	T	M	P	3½" x 9½"		M	P	5¼" x 9¼"		M	P	5¼" x 11¼"		M	P
							3½" x 11¼"	T	M	P					5¼" x 11⅞"	T	M	P
		36'	1¾" x 14"(3)	T			3½" x 11¼"	T	M	P	3½" x 11⅞"	T	M	P	3½" x 14"(3)		M	P
			3½" x 9¼"		M	P	5¼" x 9¼"		M	P	5¼" x 9½"		M	P	3½" x 16"(3)	T	M	P
			3½" x 11¼"	T	M	P	5¼" x 9½"	T	M	P	5¼" x 11¼"	T	M	P	5¼" x 11¼"		M	P
Snow Area 115%	Roof Load 25LL + 15DL Floor Load 40LL + 12DL	24'	1¾" x 11¼"(3)	T	M		1¾" x 14"(3)	T	M		1¾" x 14"(3)		M		3½" x 11⅞"		M	P
			3½" x 9¼"	T	M	P	3½" x 9¼"		M	P	3½" x 11¼"	T	M	P	3½" x 14"	T	M	P
							3½" x 11¼"	T	M	P	5¼" x 9¼"	T	M	P	5¼" x 11¼"	T	M	P
		30'	1¾" x 14"(3)	T	M		3½" x 9½"		M	P	3½" x 11¼"	T	M	P	3½" x 14"	T	M	P
			3½" x 9¼"	T	M	P	3½" x 11¼"	T	M	P	5¼" x 9¼"		M	P	5¼" x 11¼"		M	P
							5¼" x 9¼"	T	M	P					5¼" x 11⅞"	T	M	P
		36'	1¾" x 14"(3)	T			3½" x 11¼"	T	M	P	3½" x 11⅞"	T	M	P	3½" x 14"(3)		M	P
			3½" x 9¼"		M	P	5¼" x 9¼"		M	P	5¼" x 9½"		M	P	3½" x 16"(3)	T	M	P
			3½" x 11¼"	T	M	P	5¼" x 9½"	T	M	P	5¼" x 11¼"	T	M	P	5¼" x 11¼"		M	P
	Roof Load 30LL + 15DL Floor Load 40LL + 12DL	24'	1¾" x 11⅞"	T			1¾" x 14"(3)	T	M		3½" x 11¼"	T	M	P	3½" x 11⅞"		M	P
			1¾" x 14"(3)	T	M		3½" x 9¼"		M	P	5¼" x 9¼"	T	M	P	3½" x 14"	T	M	P
			3½" x 9¼"	T	M	P	3½" x 11¼"	T	M	P					5¼" x 11¼"	T	M	P
		30'	1¾" x 14"(3)	T	M		3½" x 11¼"	T	M	P	3½" x 11⅞"	T	M	P	3½" x 14"	T	M	P
			3½" x 9¼"	T	M	P	5¼" x 9¼"	T	M	P	5¼" x 9¼"		M	P	5¼" x 11¼"		M	P
											5¼" x 11¼"	T	M	P				
		36'	3½" x 9¼"		M	P	3½" x 11⅞"	T	M	P	3½" x 11⅞"		M	P	3½" x 14"(3)			P
			3½" x 11¼"	T	M	P	5¼" x 9¼"		M	P	3½" x 14"	T	M	P	3½" x 16"(3)	T	M	P
			5¼" x 9¼"	T	M	P	5¼" x 11¼"	T	M	P	5¼" x 11¼"	T	M	P	5¼" x 11⅞"		M	P
	Roof Load 40LL + 15DL Floor Load 40LL + 12DL	24'	1¾" x 14"(3)	T	M		3½" x 11¼"	T	M	P	3½" x 11⅞"	T	M	P	3½" x 14"	T	M	P
			3½" x 9¼"	T	M	P	5¼" x 9¼"	T	M	P	5¼" x 9¼"		M	P	5¼" x 11¼"		M	P
											5¼" x 11¼"	T	M	P	5¼" x 11⅞"	T	M	P
		30'	3½" x 9¼"		M	P	3½" x 11⅞"	T	M	P	3½" x 11⅞"		M	P	3½" x 14"(3)		M	P
			3½" x 11¼"	T	M	P	5¼" x 9¼"		M	P	3½" x 14"	T	M	P	3½" x 16"(3)	T	M	P
			5¼" x 9¼"	T	M	P	5¼" x 11¼"	T	M	P	5¼" x 11¼"	T	M	P	5¼" x 11⅞"		M	P
		36'	3½" x 11¼"	T	M	P	3½" x 11⅞"(3)		M	P	3½" x 14"(3)	T	M	P	3½" x 16"(3)	T	M	P
			5¼" x 9¼"	T	M	P	3½" x 14"(3)	T	M	P	5¼" x 11¼"	T	M	P	5¼" x 14"	T	M	P
							5¼" x 9½"		M	P								

T 1.55E TimberStrand® LSL **M** 2.0E Microllam® LVL **P** 2.0E Parallam® PSL