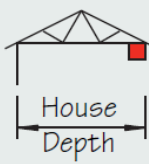


1.8E Parallam® PSL Window and Door Headers

The proceeding header tables are a supplement to *Trus Joist® Beam, Header, and Column Specifier's Guide* ([TJ-9000](#) / Pacific Coast and Northwest: [TJ-9020](#)). Refer to [TJ-9000](#) or [TJ-9020](#) for complete design and installation information.

ROOF – SNOW AREA 115% (SIMPLE SPAN ONLY)^[1]

	Loading (psf)	House Depth	Rough Opening											
			3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	
<div>Roof Only</div>  <p>House Depth</p>	Roof Load= 20LL+15DL	24'	3½" x 3½"	3½" x 3½"	3½" x 3½"	3½" x 3½"	3½" x 5¼"	3½" x 5¼"	3½" x 5¼"	3½" x 5¼"	3½" x 7"	3½" x 7"	3½" x 7"	
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7"	5¼" x 7"	
		30'	3½" x 3½"	3½" x 3½"	3½" x 3½"	3½" x 3½"	3½" x 5¼"	3½" x 5¼"	3½" x 5¼"	3½" x 5¼"	3½" x 7"	3½" x 7"	3½" x 7"	
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7"	5¼" x 7"	5¼" x 7"
		36'	3½" x 3½"	3½" x 3½"	3½" x 3½"	3½" x 5¼"	3½" x 5¼"	3½" x 5¼"	3½" x 5¼"	3½" x 7"	3½" x 7"	3½" x 7"		
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7"	5¼" x 7"	5¼" x 7"
	Roof Load= 30LL+15DL	24'	3½" x 3½"	3½" x 3½"	3½" x 3½"	3½" x 3½"	3½" x 5¼"	3½" x 5¼"	3½" x 5¼"	3½" x 5¼"	3½" x 7"	3½" x 7"	3½" x 7"	
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7"	5¼" x 7"	5¼" x 7"
		30'	3½" x 3½"	3½" x 3½"	3½" x 3½"	3½" x 5¼"	3½" x 5¼"	3½" x 5¼"	3½" x 5¼"	3½" x 7"	3½" x 7"	3½" x 7"		
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7"	5¼" x 7"	5¼" x 7"	5¼" x 7"
		36'	3½" x 3½"	3½" x 3½"	3½" x 5¼"	3½" x 5¼"	3½" x 5¼"	3½" x 5¼"	3½" x 5¼"	3½" x 7" ⁽²⁾				
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7"	5¼" x 7"	5¼" x 7"	
	Roof Load= 40LL+15DL	24'	3½" x 3½"	3½" x 3½"	3½" x 3½"	3½" x 5¼"	3½" x 5¼"	3½" x 5¼"	3½" x 5¼"	3½" x 7"	3½" x 7"	3½" x 7"		
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7"	5¼" x 7"	5¼" x 7"	5¼" x 7"
		30'	3½" x 3½"	3½" x 3½"	3½" x 5¼"	3½" x 5¼"	3½" x 5¼"	3½" x 5¼"	3½" x 5¼"	3½" x 7" ⁽²⁾	3½" x 7" ⁽²⁾			
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7"	5¼" x 7"	5¼" x 7"	
		36'	3½" x 3½"	3½" x 3½"	3½" x 5¼"	3½" x 5¼"	3½" x 5¼" ⁽²⁾	3½" x 7" ⁽²⁾	3½" x 7" ⁽²⁾	3½" x 7" ⁽²⁾	3½" x 7" ⁽²⁾			
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7"	5¼" x 7"	5¼" x 7"		
	Roof Load= 50LL+15DL	24'	3½" x 3½"	3½" x 3½"	3½" x 5¼"	3½" x 5¼"	3½" x 5¼"	3½" x 5¼"	3½" x 7" ⁽²⁾	3½" x 7" ⁽²⁾				
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7"	5¼" x 7"	5¼" x 7"	
		30'	3½" x 3½"	3½" x 3½"	3½" x 5¼"	3½" x 5¼"	3½" x 5¼" ⁽²⁾	3½" x 7" ⁽²⁾	3½" x 7" ⁽²⁾	3½" x 7" ⁽²⁾				
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7"	5¼" x 7"	5¼" x 7"		
		36'	3½" x 3½"	3½" x 5¼"	3½" x 5¼"	3½" x 5¼" ⁽²⁾	3½" x 7" ⁽²⁾	3½" x 7" ⁽²⁾	3½" x 7" ⁽²⁾					
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7"	5¼" x 7" ⁽²⁾	5¼" x 7" ⁽²⁾		

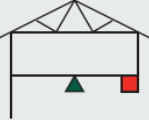
[1] See **General Notes** on page 6.

[2] Two trimmers (3") required at each end.

■ Symbol represents location of 1.8E Parallam® PSL header.

▲ Symbol represents supporting beam or structural bearing wall located at center of house, below floor.

ROOF PLUS ONE STORY (BEARING) – 100% (SIMPLE SPAN ONLY)^[1]

<div> <div>Roof Plus One Story (Bearing)</div>  </div>	Loading (psf)	House Depth	Rough Opening										
			3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"
			3 1/2" x 3 1/2"	3 1/2" x 3 1/2"	3 1/2" x 5 1/4"	3 1/2" x 5 1/4"	3 1/2" x 5 1/4"	3 1/2" x 7"	3 1/2" x 7"	3 1/2" x 7 ^[2]			
<div> <div>Roof Load = 20LL+15DL</div> <div>Floor Load = 40LL+12DL</div> </div>	24'		5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 7"	5 1/4" x 7"	5 1/4" x 7"	
			3 1/2" x 3 1/2"	3 1/2" x 5 1/4"	3 1/2" x 5 1/4"	3 1/2" x 5 1/4"	3 1/2" x 5 1/4"	3 1/2" x 7 ^[2]	3 1/2" x 7 ^[2]	3 1/2" x 7 ^[2]			
	30'		5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 7"	5 1/4" x 7"	5 1/4" x 7"		
			3 1/2" x 5 1/4"	3 1/2" x 5 1/4"	3 1/2" x 5 1/4"	3 1/2" x 5 1/4 ^[2]	3 1/2" x 7 ^[2]	3 1/2" x 7 ^[2]	3 1/2" x 7 ^[2]				
	36'		5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 7"	5 1/4" x 7"	5 1/4" x 7 ^[2]		
			3 1/2" x 3 1/2"	3 1/2" x 5 1/4"	3 1/2" x 5 1/4"	3 1/2" x 5 1/4"	3 1/2" x 5 1/4"	3 1/2" x 7 ^[2]	3 1/2" x 7 ^[2]	3 1/2" x 7 ^[2]			
<div> <div>Roof Load = 30LL+15DL</div> <div>Floor Load = 40LL+12DL</div> </div>	24'		5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 7"	5 1/4" x 7"	5 1/4" x 7"		
			3 1/2" x 5 1/4"	3 1/2" x 5 1/4"	3 1/2" x 5 1/4"	3 1/2" x 5 1/4 ^[2]	3 1/2" x 7 ^[2]	3 1/2" x 7 ^[2]	3 1/2" x 7 ^[2]				
	30'		5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 7"	5 1/4" x 7"	5 1/4" x 7 ^[2]		
			3 1/2" x 5 1/4"	3 1/2" x 5 1/4"	3 1/2" x 5 1/4 ^[2]	3 1/2" x 7 ^[2]	3 1/2" x 7 ^[2]	3 1/2" x 7 ^[2]					
	36'		5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 7"	5 1/4" x 7 ^[2]	5 1/4" x 7 ^[2]			
			3 1/2" x 3 1/2"	3 1/2" x 5 1/4"	3 1/2" x 5 1/4"	3 1/2" x 5 1/4"	3 1/2" x 5 1/4"	3 1/2" x 7 ^[2]	3 1/2" x 7 ^[2]	3 1/2" x 7 ^[2]			
<div> <div>Roof Load = 40LL+15DL</div> <div>Floor Load = 40LL+12DL</div> </div>	24'		5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 7"	5 1/4" x 7"	5 1/4" x 7"		
			3 1/2" x 5 1/4"	3 1/2" x 5 1/4"	3 1/2" x 5 1/4 ^[2]	3 1/2" x 7 ^[2]	3 1/2" x 7 ^[2]	3 1/2" x 7"					
	30'		5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 7"	5 1/4" x 7 ^[2]	5 1/4" x 7 ^[2]			
			3 1/2" x 5 1/4"	3 1/2" x 5 1/4 ^[2]	3 1/2" x 5 1/4 ^[2]	3 1/2" x 7 ^[2]	3 1/2" x 7 ^[2]						
	36'		5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 7 ^[2]	5 1/4" x 7 ^[2]	5 1/4" x 7 ^[2]	5 1/4" x 7 ^[2]			
			3 1/2" x 3 1/2"	3 1/2" x 5 1/4"	3 1/2" x 5 1/4"	3 1/2" x 5 1/4 ^[2]	3 1/2" x 7 ^[2]	3 1/2" x 7 ^[2]	3 1/2" x 7 ^[2]				
<div> <div>Roof Load = 50LL+15DL</div> <div>Floor Load = 40LL+12DL</div> </div>	24'		5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 7"	5 1/4" x 7"	5 1/4" x 7 ^[2]	5 1/4" x 7 ^[2]		
			3 1/2" x 5 1/4"	3 1/2" x 5 1/4 ^[2]	3 1/2" x 5 1/4 ^[2]	3 1/2" x 7 ^[2]	3 1/2" x 7 ^[2]	3 1/2" x 7 ^[2]					
	30'		5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 7"	5 1/4" x 7 ^[2]	5 1/4" x 7 ^[2]	5 1/4" x 7 ^[2]			
			3 1/2" x 5 1/4 ^[2]	3 1/2" x 5 1/4 ^[2]	3 1/2" x 7 ^[2]	3 1/2" x 7 ^[2]	3 1/2" x 7 ^[2]						
	36'		5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4"	5 1/4" x 5 1/4 ^[2]	5 1/4" x 7 ^[2]	5 1/4" x 7 ^[2]	5 1/4" x 7 ^[2]				
			3 1/2" x 3 1/2"	3 1/2" x 5 1/4"	3 1/2" x 5 1/4"	3 1/2" x 5 1/4 ^[2]	3 1/2" x 7 ^[2]	3 1/2" x 7 ^[2]	3 1/2" x 7 ^[2]				

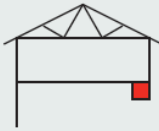
[1] See **General Notes** on page 6.

[2] Two trimmers (3") required at each end.

■ Symbol represents location of 1.8E Parallam® PSL header.

▲ Symbol represents supporting beam or structural bearing wall located at center of house, below floor.

ROOF PLUS ONE STORY (NO BEARING) – 100% (SIMPLE SPAN ONLY)^[1]

<div>Roof Plus One Story (No Bearing)</div> 	Loading (psf)	House Depth	Rough Opening										
			3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"
	Roof Load= 20LL+15DL Floor Load = 40LL+12DL	24'	3½" x 3½"	3½" x 5¼"	3½" x 5¼"	3½" x 5¼"	3½" x 7" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]				
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7"	5¼" x 7"	5¼" x 7" ^[2]		
		30'	3½" x 5¼"	3½" x 5¼"	3½" x 5¼" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]					
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7"	5¼" x 7" ^[2]	5¼" x 7" ^[2]			
		36'	3½" x 5¼"	3½" x 5¼" ^[2]	3½" x 5¼" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]						
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]			
	Roof Load= 30LL+15DL Floor Load = 40LL+12DL	24'	3½" x 5¼"	3½" x 5¼"	3½" x 5¼"	3½" x 5¼" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]				
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7"	5¼" x 7"	5¼" x 7" ^[2]			
		30'	3½" x 5¼"	3½" x 5¼" ^[2]	3½" x 5¼" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]						
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]			
		36'	3½" x 5¼" ^[2]	3½" x 5¼" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]							
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]				
	Roof Load= 40LL+15DL Floor Load = 40LL+12DL	24'	3½" x 5¼"	3½" x 5¼"	3½" x 5¼" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]						
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7"	5¼" x 7" ^[2]	5¼" x 7" ^[2]			
		30'	3½" x 5¼" ^[2]	3½" x 5¼" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]						
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]				
		36'	3½" x 5¼" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]							
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]					
	Roof Load= 50LL+15DL Floor Load = 40LL+12DL	24'	3½" x 5¼"	3½" x 5¼" ^[2]	3½" x 5¼" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]						
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7"	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]			
		30'	3½" x 5¼" ^[2]	3½" x 5¼" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]							
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]				
36'		3½" x 5¼" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]									
		5¼" x 5¼"	5¼" x 5¼" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]						

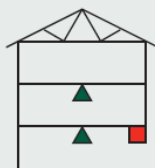
[1] See **General Notes** on page 6.

[2] Two trimmers (3") required at each end.

■ Symbol represents location of 1.8E Parallam® PSL header.

▲ Symbol represents supporting beam or structural bearing wall located at center of house, below floor.

ROOF PLUS TWO STORIES (BEARING) – 100% (SIMPLE SPAN ONLY)^[1]

<div>Roof Plus Two Stories (Bearing)</div> <div></div>	Loading (psf)	House Depth	Rough Opening										
			3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"
	Roof Load= 20LL+15DL Floor Load = 40LL+12DL	24'	3½" x 5¼"	3½" x 5¼"	3½" x 5¼"	3½" x 5¼" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]				
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7"	5¼" x 7" ^[2]	5¼" x 7" ^[2]		
		30'	3½" x 5¼"	3½" x 5¼" ^[2]	3½" x 5¼" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]					
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]		
		36'	3½" x 5¼" ^[2]	3½" x 5¼" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]						
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]				
	Roof Load= 30LL+15DL Floor Load = 40LL+12DL	24'	3½" x 5¼"	3½" x 5¼"	3½" x 5¼" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]					
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7"	5¼" x 7" ^[2]	5¼" x 7" ^[2]			
		30'	3½" x 5¼"	3½" x 5¼" ^[2]	3½" x 5¼" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]						
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]			
		36'	3½" x 5¼" ^[2]	3½" x 5¼" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]							
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]				
	Roof Load= 40LL+15DL Floor Load = 40LL+12DL	24'	3½" x 5¼"	3½" x 5¼" ^[2]	3½" x 5¼" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]					
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]		
		30'	3½" x 5¼" ^[2]	3½" x 5¼" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]						
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]				
		36'	3½" x 5¼" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]								
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]					
	Roof Load= 50LL+15DL Floor Load = 40LL+12DL	24'	3½" x 5¼"	3½" x 5¼" ^[2]	3½" x 5¼" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]						
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]			
		30'	3½" x 5¼" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]							
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]					
36'		3½" x 5¼" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]									
		5¼" x 5¼"	5¼" x 5¼" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]							

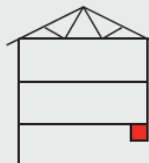
[1] See **General Notes** on page 6.

[2] Two trimmers (3") required at each end.

■ Symbol represents location of 1.8E Parallam® PSL header.

▲ Symbol represents supporting beam or structural bearing wall located at center of house, below floor.

ROOF PLUS TWO STORIES (NO BEARING) – 100% (SIMPLE SPAN ONLY)^[1]

<div>Roof Plus Two Stories (No Bearing)</div> 	Loading (psf)	House Depth	Rough Opening										
			3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"
	Roof Load= 20LL+15DL Floor Load = 40LL+12DL	24'	3½" x 5¼"[2]	3½" x 5¼"[2]	3½" x 7"[2]	3½" x 7"[2]							
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7"[2]	5¼" x 7"[2]	5¼" x 7"[2]	5¼" x 7"[2]	5¼" x 7"[2]			
		30'	3½" x 5¼"[2]	3½" x 7"[2]	3½" x 7"[2]								
			5¼" x 5¼"	5¼" x 5¼"[2]	5¼" x 7"[2]	5¼" x 7"[2]	5¼" x 7"[2]	5¼" x 7"[2]					
		36'	3½" x 7"[2]	3½" x 7"[2]									
			5¼" x 5¼"[2]	5¼" x 7"[2]	5¼" x 7"[2]	5¼" x 7"[2]	5¼" x 7"[2]						
	Roof Load= 30LL+15DL Floor Load = 40LL+12DL	24'	3½" x 5¼"[2]	3½" x 5¼"[2]	3½" x 7"[2]	3½" x 7"[2]							
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"[2]	5¼" x 7"[2]	5¼" x 7"[2]	5¼" x 7"[2]					
30'		3½" x 5¼"[2]	3½" x 7"[2]	3½" x 7"[2]									
		5¼" x 5¼"	5¼" x 5¼"[2]	5¼" x 7"[2]	5¼" x 7"[2]	5¼" x 7"[2]							
36'		3½" x 7"[2]	3½" x 7"[2]										
		5¼" x 5¼"[2]	5¼" x 7"[2]	5¼" x 7"[2]	5¼" x 7"[2]								
Roof Load= 40LL+15DL Floor Load = 40LL+12DL	24'	3½" x 5¼"[2]	3½" x 7"[2]	3½" x 7"[2]									
		5¼" x 5¼"	5¼" x 5¼"	5¼" x 7"[2]	5¼" x 7"[2]	5¼" x 7"[2]	5¼" x 7"[2]						
	30'	3½" x 7"[2]	3½" x 7"[2]										
		5¼" x 5¼"[2]	5¼" x 7"[2]	5¼" x 7"[2]	5¼" x 7"[2]	5¼" x 7"[2]							
	36'	3½" x 7"[2]											
		5¼" x 7"[2]	5¼" x 7"[2]	5¼" x 7"[2]	5¼" x 7"[2]								
Roof Load= 50LL+15DL Floor Load = 40LL+12DL	24'	3½" x 5¼"[2]	3½" x 7"[2]	3½" x 7"[2]									
		5¼" x 5¼"	5¼" x 5¼"[2]	5¼" x 7"[2]	5¼" x 7"[2]	5¼" x 7"[2]	5¼" x 7"[2]						
	30'	3½" x 7"[2]	3½" x 7"[2]										
		5¼" x 5¼"[2]	5¼" x 7"[2]	5¼" x 7"[2]	5¼" x 7"[2]	5¼" x 7"[2]							
	36'	3½" x 7"[2]											
		5¼" x 7"[2]	5¼" x 7"[2]	5¼" x 7"[2]									

[1] See **General Notes** on page 6.

[2] Two trimmers (3") required at each end.

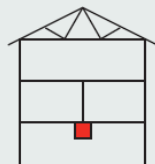
■ Symbol represents location of 1.8E Parallam® PSL header.

▲ Symbol represents supporting beam or structural bearing wall located at center of house, below floor.

FLOOR ONE STORY – 100% (SIMPLE SPAN ONLY)^[1]

Floor – One Story	Loading (psf)	House Depth	Rough Opening										
			3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"
	Floor Load = 40LL+12DL	24'	3½" x 3½"	3½" x 3½"	3½" x 5¼"	3½" x 5¼"	3½" x 5¼"	3½" x 7"	3½" x 7"	3½" x 7"	3½" x 7"		
5¼" x 5¼"			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7"	5¼" x 7"	5¼" x 7"	5¼" x 7"	
30'		3½" x 3½"	3½" x 5¼"	3½" x 5¼"	3½" x 5¼"	3½" x 5¼"	3½" x 7"	3½" x 7 ^[2]	3½" x 7 ^[2]				
		5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7"	5¼" x 7"	5¼" x 7"	5¼" x 7"		
36'		3½" x 3½"	3½" x 5¼"	3½" x 5¼"	3½" x 5¼"	3½" x 7 ^[2]	3½" x 7 ^[2]	3½" x 7 ^[2]					
		5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7"	5¼" x 7"	5¼" x 7"	5¼" x 7"	5¼" x 7"		

FLOOR TWO STORIES – 100% (SIMPLE SPAN ONLY)^[1]

Floor – Two Stories		Loading (psf)	House Depth	Rough Opening										
				3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"
Floor Load = 40LL+12DL		24'	3½" x 5¼"	3½" x 5¼" ^[2]	3½" x 5¼" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]							
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7"	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]				
		30'	3½" x 5¼" ^[2]	3½" x 5¼" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]								
			5¼" x 5¼"	5¼" x 5¼"	5¼" x 5¼"	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]					
		36'	3½" x 5¼" ^[2]	3½" x 7" ^[2]	3½" x 7" ^[2]									
			5¼" x 5¼"	5¼" x 5¼" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]	5¼" x 7" ^[2]							

[1] See **General Notes** on page 6.

[2] Two trimmers (3") required at each end.

■ Symbol represents location of 1.8E Parallam® PSL header.

▲ Symbol represents supporting beam or structural bearing wall located at center of house, below floor.

General Notes:

- Tables are based on:
 - Uniform loads.
 - Simple span headers only.
 - Roof truss framing with 24" soffits.
 - Exterior wall weights of 80 plf, interior 60 plf.
 - Deflection criteria of L/240 live load and L/180 total load for roof only and of L/360 live load and L/240 total load for all others.
 - All members are restricted to a maximum deflection of 5/16".
- Minimum header support to be one trimmer (1½") at ends (unless noted otherwise).
- Trimmers must support the full width of the headers.
- Headers assume direct support on trimmers.
- Square sections may be installed in plank or beam orientation.
- Tables with 20 psf roof loading are also applicable for loading in non-snow areas (125%).

Some sizes may not be available in all regions.
Parallam® PSL is intended for dry-use applications.

If you have any questions, please contact
your Weyerhaeuser representative.

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