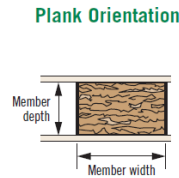
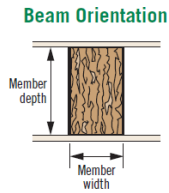


SOLID SUPPORT WITH PARALLAM® PSL & TIMBERSTRAND® LSL COLUMNS

SOLID ENGINEERED COLUMNS

provide higher capacities without concerns about attaching multiple plies together. Parallam PSL and TimberStrand LSL columns are engineered to support heavy loads.

- Solid section performance
- Consistent design properties
- Available in long lengths
- Visually appealing
- Comprehensive product warranty



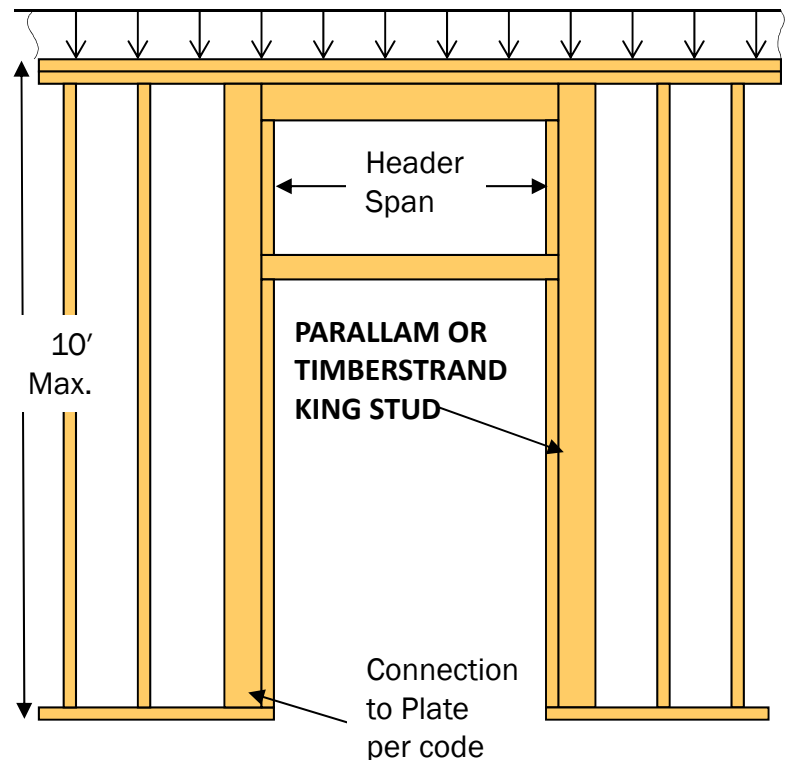
Some columns are listed in both beam and plank orientation. The first dimension is for member width, and the second dimension is for member depth (wall thickness).



CODE COMPLIANCE

The 2015 International Residential Code® Table R602.7.5 gives the number of full height studs (king studs) required at each end of headers in exterior walls. For 16' headers, as many as 6 studs may be needed. In low wind regions, these kings studs can easily be replaced by slender, straight, solid section Parallam® PSL & TimberStrand® LSL columns.

Header Span	Parallam PSL /TimberStrand LSL Column
8'	3 ½" x 3 ½" 1.3E LSL
10'	3 ½" x 4 ¾" 1.3E LSL Plank
12'	3 ½" x 3 ½" 1.8E PSL
14'	3 ½" x 5 ½" 1.3E LSL Plank
18'	3 ½" x 4 ¾" 1.3E LSL
20'	3 ½" x 5 ¼" 1.8E PSL (Std. or Plank) 3 ½" x 5 ½" 1.3E PSL



Design Assumptions: ASCE/SEI 7-10 Sec. 30.4: Exposure Category (B), Mean Roof Height (33 0 0), Topographic Factor (1.0), Wind Directionality Factor (0.85), Basic Wind Speed (115 mph), Risk Category(II) 2015 IBC Table 1604.3, footnote f: Deflection checks are performed using 42% of this lateral wind load, L/180. Trimmers required to support gravity load from header & 2000 lbs max. on king stud.