

## TYPE L PANEL CAPACITIES

Premier Building Systems utilizes Type L panels when the structural design loads exceed the capacities of our standard Type S and Type I panels. Details PBS-308 and PBS-007, found in the Structural Insulated Panels Details Book, depict the Type L panel and connection. The double 2x's used, as the spline mechanism, must extend the full length of the panel. Premier Building Systems has conducted full-scale destructive transverse load testing with an independent code recognized testing laboratory to determine the capacity of our Type L panels for various spans.

Load chart 4 summarizes the panel capacities obtained from full scale destructive testing of PBS Type L panels. When Type L panels are utilized, the maximum spacing of the lumber spline is 4' on center. The minimum bearing that is required to support the panel end is 1-1/2". Loads indicated in the load chart for spans greater than limited for floors and roofs are used for wall design.

Current load charts maybe found at [www.pbssips.com](http://www.pbssips.com).