RedBuilt Open-Web Truss with Cap Plate

Cap plates provide the following functions:

- Transfer seismic/wind Strap loads (TimberStrand LSL cap plate only).
- Enhance diaphragm nailing capabilities.
- Provide diaphragm shear transfer at continuous panel joints (required at all high shear diaphragms).
- Eliminate interference between subpurlins and truss pins in panelized roof systems.
- Required to provide adequate attachment base for structural insulated panels (SIPs) or Tectum deck applications.

Swan Lumber Cap Plate

For diaphragm nails, use 3" max. length deck nails to eliminate nail-spacing limitations with truss chords

LSL Cap Plate (Suitable for straps. See page 25.)

When uplift on cap plate-to-truss connection exceeds 104 plf, contact your RedBuilt representative.