Erection Contractor is referred to temporary and permanent bracing plan and or WTCA/TPi BCSI 1 for recommendations on truss bracing.

January 1, 2009

**Typical Lateral Web & Bottom Chord Bracing Layout**

**Typical Top Chord Bracing Layout**

**Allowable Axial Load**

<table>
<thead>
<tr>
<th>Type of Load</th>
<th>Capacity (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tension</td>
<td>106</td>
</tr>
<tr>
<td>Tension w/fastener*</td>
<td>154</td>
</tr>
<tr>
<td>Compression</td>
<td>422</td>
</tr>
</tbody>
</table>

* Fastener shall be one (1) 8d or 10d common wire nail inserted through a slot in the top flap.

**IMPORTANT:** The Stabilizer shall be used for INSTALLATION lateral restraint for the chords and both INSTALLATION and PERMANENT lateral restraint for the webs.

The Stabilizer truss brace and spacer is easily installed with a framing hammer. Just drive the top flap down into the top edge of the truss member to be braced (see Hammer Here 1 in Chord Attachment Detail shown below).

The side tabs are then secured by driving the teeth into the face of the member being braced (see Hammer Here 2 below).

**IMPORTANT:** The Stabilizer must be supplemented with diagonal bracing in the roof and ceiling planes, and cross bracing in the web plane at required intervals shown on the individual truss design drawing (TDD).

**IMPORTANT:** Ground bracing, not shown on either drawing, is always required.

Diagonal/Cross bracing (shown in blue), designed by others, as required at spacing shown on TDD.

Diagonal bracing (shown in green), designed by others, as required at spacing shown on TDD.

**IMPORTANT:** Ground bracing, not shown on either drawing, is always required.

The Stabilizer (shown in red) truss brace on the bottom chord as required by TDD.

**IMPORTANT:** The erection contractor is responsible for determining and installing the temporary bracing for the structure, including the trusses. It is most important for the installer to provide adequate means for bracing the first truss installed. The performance of the entire system depends on the adequacy of the ground bracing or other means of bracing the first group of trusses installed.

**CHORD ATTACHMENT DETAIL**

**WEB RESTRAINT APPLICATION**

The Stabilizer truss brace and spacer is easily installed with a framing hammer. Just drive the top flap down into the top edge of the truss member to be braced (see Hammer Here 1 in Chord Attachment Detail shown below).

The side tabs are then secured by driving the teeth into the face of the member being braced (see Hammer Here 2 below).

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