MiTek® THE STABILIZER®

MiTek's Innovative, Trade-Friendly Truss Brace

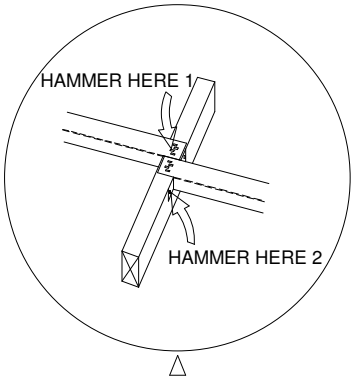
Installation Guide

Erection Contractor is referred to temporary and permanent bracing plan and or WTCA/TPI BCSI 1 for recommendations on truss bracing.
January 1, 2009

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

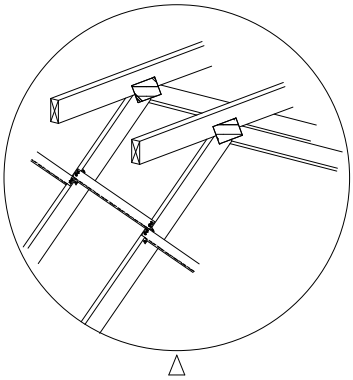
The Stabilizer truss brace and spacer is easily installed with a framing hammer. Just drive the top flap down into the top edge of the truss member to be braced (see Hammer Here 1 in Chord Attachment Detail shown below).

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



CHORD ATTACHMENT DETAIL

The Stabilizer is properly installed when the top flap and side tabs are flush with the member being braced, and the teeth are fully embedded in the truss member.

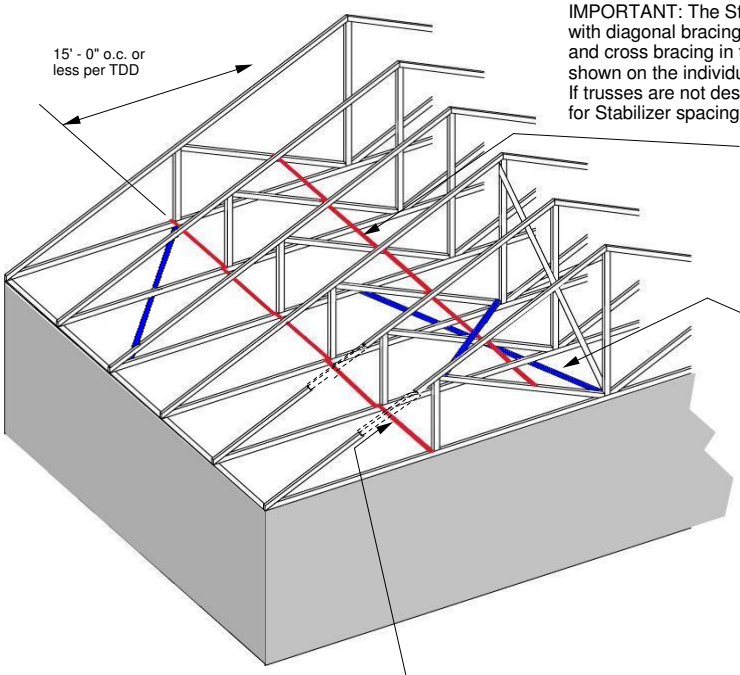


WEB RESTRAINT APPLICATION

Allowable Axial Load	
Type of Load	Capacity (lbs)
Tension	106
Tension w/fastener*	154
Compression	422
* Fastener shall be one (1) 8d or 10d common wire nail inserted through a slot in the top flap.	

MiTek® POWER TO PERFORM.™

Typical Lateral Web & Bottom Chord Bracing Layout



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). If trusses are not designed with Stabilizer, see BCSI-1 for Stabilizer spacing and diagonal/cross bracing required.

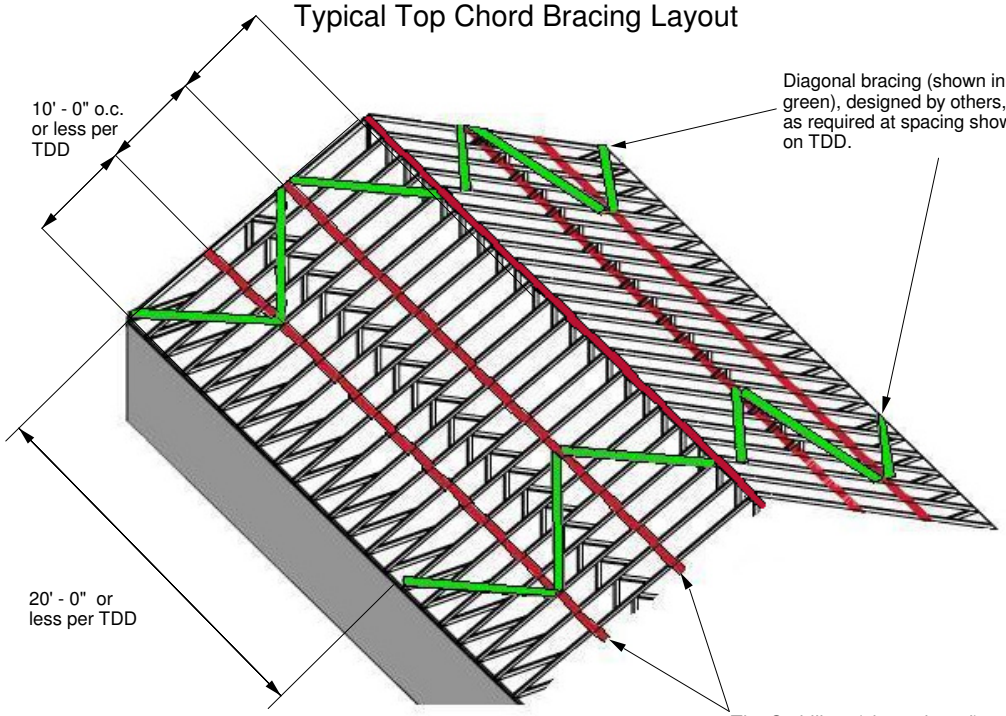
The Stabilizer (shown in red) truss brace on the web member as required by TDD. (see Web Restraint Application on bottom left)

Diagonal/Cross bracing (shown in blue), 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.

Typical Top Chord Bracing Layout



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

The Stabilizer (shown in red) truss brace on the top 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.