8 NAILING OF SHEATHING TO TOP CHORD MEMBERS

WARNING
Nailing closer than specified may cause the chord to split.

Maximum Nail Spacing

Widest spacing for nails in each chord member is 610mm OC.

Chord members

Nailing pattern per plans and specifications. Nailing spacing should never exceed 610mm on-center in either chord member. Do not use nails smaller than 8d or larger than 10d.

Minimum Nail Spacing

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>8d (1)</td>
<td>3.0 x 100</td>
<td>30mm</td>
<td>38mm</td>
<td>44mm</td>
<td>51mm</td>
<td>51mm</td>
<td>51mm</td>
<td>51mm</td>
<td>76mm</td>
<td>76mm</td>
<td>76mm</td>
</tr>
<tr>
<td>8d (2)</td>
<td>3.5 x 100</td>
<td>35mm</td>
<td>44mm</td>
<td>51mm</td>
<td>51mm</td>
<td>51mm</td>
<td>51mm</td>
<td>51mm</td>
<td>76mm</td>
<td>76mm</td>
<td>76mm</td>
</tr>
<tr>
<td>10d (1)</td>
<td>3.0 x 139</td>
<td>30mm</td>
<td>44mm</td>
<td>51mm</td>
<td>51mm</td>
<td>51mm</td>
<td>51mm</td>
<td>51mm</td>
<td>76mm</td>
<td>76mm</td>
<td>76mm</td>
</tr>
<tr>
<td>10d (2)</td>
<td>3.5 x 139</td>
<td>35mm</td>
<td>44mm</td>
<td>51mm</td>
<td>51mm</td>
<td>51mm</td>
<td>51mm</td>
<td>51mm</td>
<td>76mm</td>
<td>76mm</td>
<td>76mm</td>
</tr>
<tr>
<td>10d (3)</td>
<td>4.0 x 139</td>
<td>40mm</td>
<td>51mm</td>
<td>51mm</td>
<td>51mm</td>
<td>51mm</td>
<td>51mm</td>
<td>51mm</td>
<td>76mm</td>
<td>76mm</td>
<td>76mm</td>
</tr>
<tr>
<td>12d (1)</td>
<td>3.0 x 178</td>
<td>30mm</td>
<td>51mm</td>
<td>51mm</td>
<td>51mm</td>
<td>51mm</td>
<td>51mm</td>
<td>51mm</td>
<td>76mm</td>
<td>76mm</td>
<td>76mm</td>
</tr>
<tr>
<td>12d (2)</td>
<td>3.5 x 178</td>
<td>35mm</td>
<td>51mm</td>
<td>51mm</td>
<td>51mm</td>
<td>51mm</td>
<td>51mm</td>
<td>51mm</td>
<td>76mm</td>
<td>76mm</td>
<td>76mm</td>
</tr>
<tr>
<td>12d (3)</td>
<td>4.0 x 178</td>
<td>40mm</td>
<td>51mm</td>
<td>51mm</td>
<td>51mm</td>
<td>51mm</td>
<td>51mm</td>
<td>51mm</td>
<td>76mm</td>
<td>76mm</td>
<td>76mm</td>
</tr>
</tbody>
</table>

Field clutch bruising per plan. Tape per plan. Approximate 336mm lap. Field clutch bruising per plan. Tape per plan. Approximate 336mm lap.

Red M™ & Red H™ Strongback Bridge

Red L™, Red W™ and Red S™ Strongback Bridge

For product warranty information please scan the QR code or use the link below to access the form:

https://www.redbuilt.com/ProductWarranty

9 STANDARD INSTALLATION DETAILS

OPEN-WEB TRUSS INSTALLATION INFORMATION

ATTENTION BUILDER
Enclosed is IMPORTANT information on how to safely and properly install open-web trusses. Personal injury or death may result from failure to read and follow this information.

1 PRODUCT HANDLING

Trusses will be delivered to the jobsite in bundles of twenty or fewer, banded together for handling and shipment. To avoid damage they should be left in these bundles until they are ready to be installed in the structure.

MISCELLANEOUS hardware such as bearing angles, lag screws, bolts and nails as required for each specific job will be shipped in bags or boxes with the trusses.

Bridging material and pre-cut blocking items, if supplied by RedBuilt™, will be bundled and banded.

1 PRODUCT STORAGE

Always set truss bundles on stickers placed at the truss pin locations. Never store trusses flat or set trusses directly on the ground or in contact with standing water.

Cover truss bundles with paper wrap or canvas tarps to protect them from the weather. Do not use plastic covers as they will cause moisture to accumulate on the trusses. Prolonged exposure to the elements harms the appearance and strength of the trusses.

For allowable holes and fasteners information please scan the QR code or use the link below to access page number 3 of sprinkler system installation guide:

https://www.redbuilt.com/SprinklerSystemInstallationGuide

1 PRODUCT MODIFICATION OF TRUSSES NOT PERMITTED

- DO NOT cut, drill or damage the chords or webs.
- DO NOT remove steel pins or webs (even temporarily).
- DO NOT make field modifications to trusses without written approval of RedBuilt™.

For product warranty information please scan the QR code or use the link below to access the form:

https://www.redbuilt.com/ProductWarranty

Call your RedBuilt™ Representative directly, or for general customer service call (866) 859-6757 Sheet of 2

For questions or concerns:

If you have questions or concerns:

Call your RedBuilt™ Representative directly, or for general customer service call

(866) 859-6757 Sheet of 2
**GENERAL INFORMATION**

- All nails specified in framing package to be "common" nails unless noted otherwise. Proper size nails to fill all nail holes in bearing clips, bridging clips, bracing, etc.
- Do not scale drawings: written dimensions take precedence.
- Manufacturer's responsibility is only for the design of the RedBuilt™ products and not for any supporting structure or loads other than indicated herein. All materials shall be supplied by others, unless specifically noted as "by RB" or "by RedBuilt™" herein.

**MATERIAL IDENTIFICATION**

A. Strut Bracing is tubular steel with flattened ends supplied with all open-web trusses (Simpson HRS12 supplied for 305mm OC systems). Strut bracing to be installed as each truss is set. See sections 5A - 5D.

B. Plywood Edge Blocking is provided by RedBuilt™ on some projects and used for nailing sheathing edges. Edge blocking does not take the place of strut bracing and will not prevent trusses from bowing, install edge blocking after strut bracing (installation bracing) is in place and immediately prior to laying sheathing.

C. 38x89 Starter Struts supplied by contractor with framing anchors each end (shipped loose) supplied by RedBuilt™. Flatten spend prong and fold portion of vertical tab around end of 38x89. Attach with 6-8dx38mm nails each end. See sections 5A and 5D.

D. Cross Bracing is provided for most bottom-bearing locations. Cross bracing to be installed as each truss is set. Contractor to bend ends prior to installation.

**INSTALLATION BRACING**

**DO NOT walk on the trusses until all truss bearings and bracing have been permanently attached. Injury may result.**

**NOTICE**

Installation bracing and procedures, as well as the safety of workers, are the responsibility of the installer. The installer should make sure that this installation information is understood by all persons involved in the truss installation.

**INSTALLATION BRACING - CONTINUED**

**INSTALLATION TOLERANCES PERMITTED**

![Diagram showing truss chord alignment](image)

To provide proper performance, trusses should not vary more than 13mm from a straight line.

![Diagram showing vertical alignment](image)

Bottom chord of truss should not be out of square with deck by more than 6mm per 3048mm of truss length (13mm per 4267mm OC truss).

**STACKING MATERIAL**

Do not allow workers or materials on the trusses until all truss bearings and bracing have been permanently attached. See section 7.

**WARNING**

DO NOT stack building materials on trusses before all truss bearings and bracing have been permanently attached. See section 7.

**STORAGE**

Do not allow workers or materials on the trusses until all truss bearings and bracing have been permanently attached. See section 7.