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

Workers should stay clear when cutting the banding to avoid possible injury from flying banding or toppling trusses.

- Trusses will be delivered to the job site 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.

2. 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.

Note: Double chord truss similar

Field bend bridging pan with approximate 12" lap

Red M™ & Red H™ Strongback Bridging

For product warranty 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/ProductWarranty

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

If you have questions or concerns: Call your RedBuilt™ Representative directly, or for general customer service call (866) 859-6757 Sheet __ of __
3 GENERAL INFORMATION

- All nails specified in framing package to be “common” nails unless noted otherwise. Use 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.

4 MATERIAL IDENTIFICATION

A. Strut Bracing is tubular steel with flattened ends supplied with all open-web trusses. Simpson HRS12 supplied for 12” OC systems. Strut braces 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. 2x4 Starter Struts supplied by contractor with framing anchors each end (shipped loose) supplied by RedBuilt™. Flatten speed prong and fold portion of vertical tab around end of 2x4. Attach with 6-8d x 2” 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.

RedBuilt™ Open-Web Truss Product Sections - Refer to plan for series and depth

- Single 1 1/4 x 1/2 Chord
- Single 1 1/4 x 1/2 Chord
- Double 1 1/4 x 1/2 Chord
- Double 1 1/4 x 1/2 Chord
- Double 1 1/2 x 1/2 Chord
- Double 1 1/2 x 1/2 Chord
- Red L
- Red M
- Red S
- Red H

5 INSTALLATION BRACING

WARNING
Without correctly installed bracing, trusses can bow and roll over, causing death, serious personal injury, or property damage.

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.

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

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

5 INSTALLATION BRACING - CONTINUED

5A Starting Bracing: Laterally braced end wall or beam

- Lateral brace each truss with framing anchors supplied by RedBuilt™. See plan or section 5D for number of rows required. See section 6 for allowable nailing.

5B Starting Bracing - No laterally braced end wall or beam

- Installation bracing required, strut bracing supplied by RedBuilt™. See plan and section 5D for number of rows required. See section 6 for allowable nailing.

5C Intermediate Bracing - Middle of bay

- Sheath and nailing per project architect, engineer, or local building code. See section 8 for allowable nailing.

5D Typical strut brace conditions

- Strut braces to be installed as each truss is set. Contractor to bend ends prior to installation. See sections 5A - 5D.

6 INSTALLATION TOLERANCES PERMITTED

Truss Chord Alignment Tolerance

- Vertically tolerances

Overhang Tolerance at Bearing (Red-S bearing shown)

- Maximum overhang for all truss bearing hardware

7 STACKING MATERIAL

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