Deferred Submittal Requirements and Application

Minimum Submittal Requirements (check all boxes and sign below):

For a full list of deferred submittal guidelines, please visit our website.

- ☑ A copy of this application
- ☑ Plans stamped and signed by a Design Engineer or Architect registered in Oregon. One PDF copy of plans for electronic submittals or three copies for paper submittals.
- ☑ Calculations and product information. One PDF copy for electronic submittals or two copies for paper submittals.
- ☐ Prior to submitting the deferred submittal, the Engineer of Record and/or Architect of Record responsible for the building shall review the deferred submittal plans and supporting materials and add a notation indicating that the deferred submittal documents have been reviewed and found to be in general conformance with the design of the building. The notation shall be made on the deferred submittal drawings. Review stamps on letters of transmission are not acceptable.
  Exception: the notation is not required on deferred submittals for fire spinklers or roof trusses in residential construction when an Engineer or Architect of Record is not involved with the design of the building.
- ☑ Plan views and elevations identifying the location(s) as approved by the Engineer and/or Architect of Record must be submitted as appropriate but are required when the deferred submittal items include exterior elements.

I certify this deferred submittal application meets the minimum submittal requirements as outlined above.

Applicant Signature: _____ **Date:** 6/7/2021

Applicant Submittal Information:

Applicant name: Kyle Kruger

Address: 7650 SW Beveland St

City: Tigard State: OR Zip Code: 97223

Phone: 503-443-3900 Email: kkruger@tmrippey.com

Value of deferred submittal: $ 42,000 Issued main building permit #: 21-045032-CO

Job Site Address: 1825 NE Argyle St.

Description/Scope of work: Replacement of storm damaged bow string trusses with new parallel t

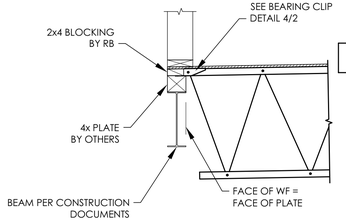
Contractor Name: Kennedy Restoration CCB: 3402

Engineer/Architect of Record for the building information (Not required for roof trusses in residential construction when an Engineer or Architect of Record is not involved with the design of the building)

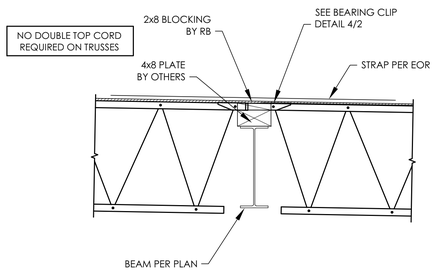
Name: Kyle Kruger Phone: 503-443-3900

Design Engineer for the deferred items

Name: Christine Richey (Contact: Masood Khalil) Phone: 503-640-7154



1/2 REF. 9/S4.1



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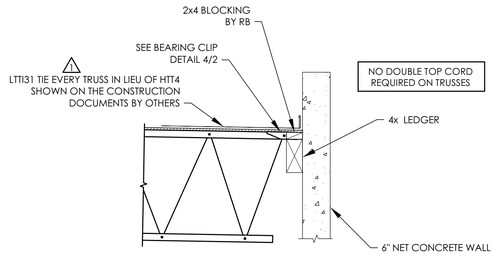

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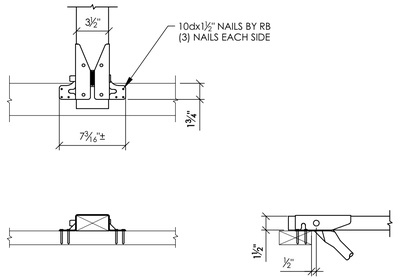
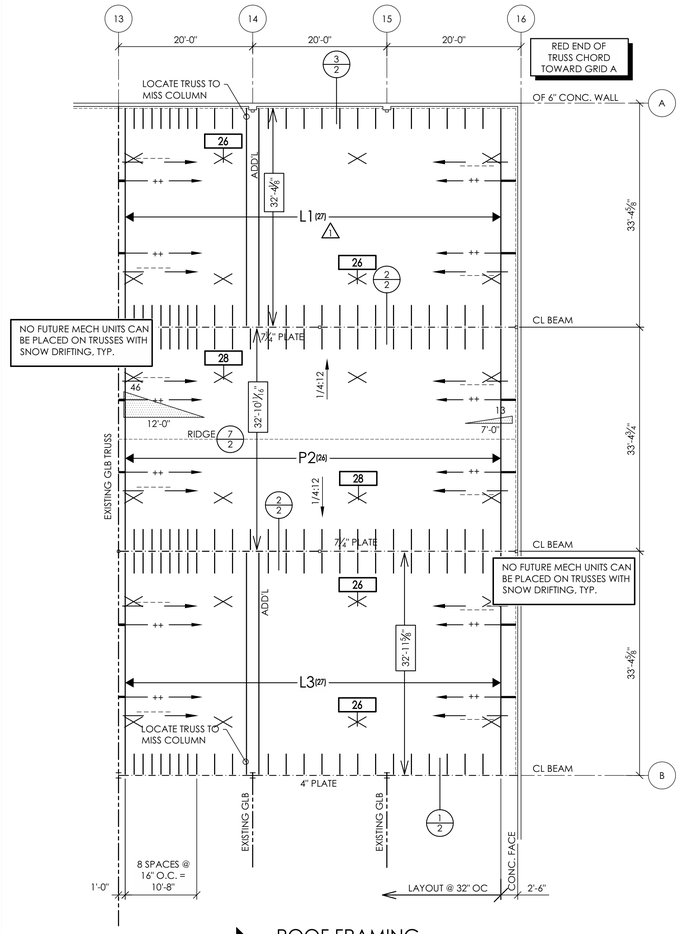


RED-L "NO-NOTCH" CLIP
TOP CHORD BEARING

4/2

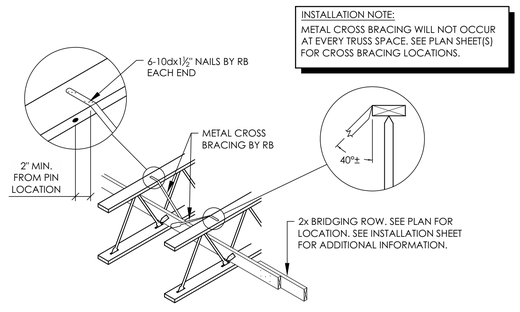


N

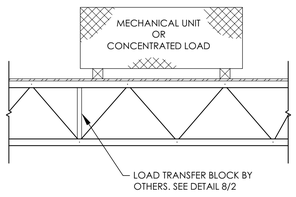
ROOF FRAMING
PLACEMENT PLAN

SCALE 3/32"=1'-0"

PRODUCT TYPE CHART	
SEE MATERIAL LIST FOR MORE INFORMATION	
CALLOUT	MEMBER
L	24" RED-L TRUSS
P	24"/28"/24" PITCHED RED-L TRUSS

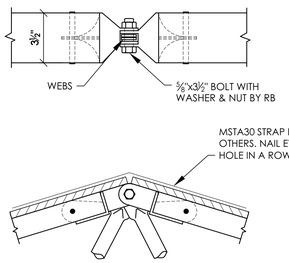


5/2



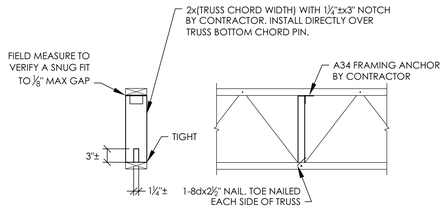
NOTE: WEIGHT OF MECH. UNIT TO BEAR DIRECTLY OVER PINS ON TOP CHORD OR DIRECTLY OVER LOAD TRANSFER BLOCKS, AS SHOWN. LTB's TO BE LOCATED AT THE BOTTOM PIN NEAREST TO LOADS NOT DIRECTLY ABOVE TOP PINS. (MAXIMUM LOAD AND LOCATION SHALL BE IN ACCORDANCE WITH APPROVED TRUSS CALCULATIONS)

1 6/2



PITCHED RED-L
RIDGE CONNECTOR

7/2



1 8/2

- STRAPS, ANCHORS, CLIPS, AND OTHER HARDWARE NOT SHOWN ARE TO BE PROVIDED BY OTHERS. HARDWARE SHOWN IS TO BE PROVIDED BY OTHERS UNLESS MARKED 'BY RB.' REFER TO THE CONTRACT DOCUMENTS FOR HARDWARE SPECIFICATIONS AND INSTALLATION INSTRUCTIONS.

- SEE I-JOIST INSTALLATION SHEET FOR WEB STIFFENER NAILING.

- FOR BEAMS SUPPLIED BY OTHERS, SEE CONTRACT DOCUMENTS FOR SPECIFICATIONS AND OTHER INFORMATION NOT SHOWN HEREIN.

- FOR ATTACHMENT OF SPRINKLER LINES, MECHANICAL DUCTS, ETC... TO JOISTS OR TRUSSES, PLEASE SEE "SPRINKLER SYSTEM INSTALLATION GUIDELINES". IF ADDITIONAL COPIES ARE REQUIRED, PLEASE CONTACT REDBUILT OR GO ONLINE TO:

http://www.redbuilt.com/documents/RedBuilt_Sprinkler_Guide.pdf

GENERAL NOTES & LEGEND

DESIGN CONSIDERATIONS

BUILDING CODE:

ROOF DESIGN
SNOW LOAD (@ 115%): 25 PSF
DEAD LOAD: 15 PSF

1 (2)300# POINT LOADS PER TRUSS AT ADJACENT PANEL POINTS FOR FUTURE MECHANICAL. REFER TO DETAIL 6/2

1 (1) 100# LOAD ANYWHERE ALONG TRUSS BOTTOM CHORD FOR FUTURE MECHANICAL.

DESIGN NET WIND UPLIFT (@ 160%): -5 PSF

ADDITIONAL LOADING

XX - SNOW DRIFT MAGNITUDE IN PSF

X'-XX" - SNOW DRIFT LENGTH

DRAWING NOTES & LEGEND

- FOR TYPICAL NOTES, STANDARD DETAILS, AND ABBREVIATIONS, SEE INSTALLATION COVERSHEET(S).

- ALL DIMENSIONS ARE FROM FACE-OF-STUD, FACE-OF-CONCRETE OR CENTER-OF-COLUMN/BEAM UNLESS OTHERWISE NOTED

XX(##) - PRODUCT CALLOUT AND QUANTITY ON PLAN.
"XX" - STRUCTURAL MEMBER TYPE CALLOUT
"##" - QUANTITY OF STRUCTURAL MEMBERS IN BAY

OPEN-WEB NOTES & LEGEND

#.# - INTERMITTENT ROW(S) OF METAL CROSS BRACING BY RB. FOR ADDITIONAL INFORMATION, SEE DETAIL 5/2 AND MATERIAL LIST. "#.#" - METAL BRACE LENGTH FROM TIP TO TIP

- 2x4 STARTER STRUT BY OTHERS, REQUIRED DURING TRUSS INSTALLATION. SEE INSTALLATION COVERSHEET, SECTION 5D.

- CONTINUOUS ROW OF METAL STRUT BRACING BY RB, REQUIRED FOR LATERAL SUPPORT DURING TRUSS INSTALLATION. SEE INSTALLATION COVERSHEET, SECTION 5D.

- CONTINUOUS ROW OF 2x6 BRIDGING BY RB, SEE INSTALLATION COVERSHEET, SECTION 9.

PROJECT ASSUMPTIONS
- ALL MISCELLANEOUS ITEMS (SPRINKLER LINES, SOFFITS, DUCTWORK, ELECTRICAL CONDUITS, ETC.) ARE ASSUMED TO BE INCLUDED IN THE UNIFORM DESIGN DEAD LOAD SHOWN, UNLESS SPECIFICALLY SHOWN OTHERWISE ON THESE SHOP DRAWINGS.
- ALL OPENINGS (HATCHES, DUCTWORK, SKYLIGHTS, ETC.) ARE ASSUMED TO FIT BETWEEN REGULAR ON-CENTER SPACING AS SHOWN, UNLESS SPECIFICALLY SHOWN OTHERWISE ON THESE SHOP DRAWINGS.

RESUBMITTAL

FOR APPROVAL ONLY
NOT FOR CONSTRUCTION

Open-Web Trusses

Quantity	Type	Description	Clear Span
27	L1	24" PARALLEL Red-L	32'-4⅛"
27	L3	24" PARALLEL Red-L	32'-11⅜"
26	P2	24"/28"/24" PITCHED Red-L	32'-10 1/16"

CONTRACTOR: PLEASE VERIFY CLEAR SPAN OF EACH TRUSS TYPE

#'-#"
CLEAR SPAN IS THE HORIZONTAL DISTANCE BETWEEN THE INSIDE FACE OF BEARING SURFACES.

NO EXCEPTION NOTED [X] APPROVED AS NOTED [ ]
REJECTED [ ] REVISE AND RESUBMIT [ ]

THIS REVIEW IS FOR GENERAL CONFORMANCE WITH DESIGN CONCEPT ONLY. ANY DEVIATION FROM PLANS OR SPECIFICATIONS NOT CLEARLY NOTED BY THE CONTRACTOR HAS NOT BEEN REVIEWED. REVIEW SHALL NOT CONSTITUTE A COMPLETE CHECK OF ALL DETAILED DIMENSIONS OR COUNT OR SERVE TO RELIEVE THE CONTRACTOR OF CONTRACTUAL RESPONSIBILITY FOR ANY ERROR OR DEVIATION FROM CONTRACT REQUIREMENTS.

TM RIPPEY
CONSULTING ENGINEERS
PORTLAND, OREGON
DATE: 6-7-2021 BY: KEK

21-045032-DFS-01-CO

City Of Portland
REVIEWED FOR CODE COMPLIANCE
Date: 06/16/21
Permit#: 21-045032-DFS-01-CO

RedBUILT™ Engineered Wood Products
200 E. Mallard Drive Boise, Idaho 83706
Phone: (866) 659-6757 | www.RedBuilt.com

06/04/2021
REGISTERED PROFESSIONAL ENGINEER
60801PE
OREGON
JULY 11, 2022
CHRISTINE RICHEY
EXPIRES: 12/31/2022

PROJECT
1825 NE Argyle

LOCATION
Portland, OR.

#	Description	by	Date
1	R&R	KJH	6/3/21

REVISIONS

DRAWN BY: KJH DATE: 5/26/21
CHK'D BY: CMR DATE: 5/27/21
REDBUILT PROJECT #
124638
SHEET NAME:
FRAMING PLAN
SHEET #
2 OF 2
DO NOT SCALE

OPEN-WEB TRUSS INSTALLATION INFORMATION

ATTENTION BUILDER

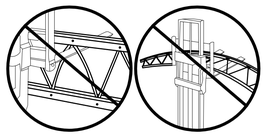
Enclosed is IMPORTANT information on how to safely and properly install open-web trusses. Personal injury or death may result from failure to read and follow this information.

RedBUILT™ Engineered Wood Products

1 PRODUCT HANDLING

THIS

NOT THIS



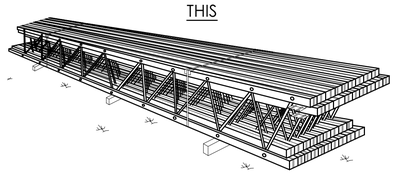
WARNING
Workers should stay clear when cutting the banding to avoid possible injury from flying banding or toppling trusses.

CAUTION
DO NOT hit webs with forklift forks. Bent or dented webs must be replaced.

- 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.

2 PRODUCT STORAGE

THIS



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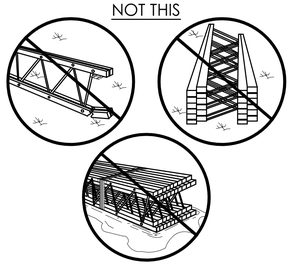


Damaged trusses must be repaired or replaced

- 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.

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.

Abbreviation	Term
AFP	Approved for Production
AOR	Architect of Record
CL	Centerline
DBL	Double
DL	Dead Load
EOR	Engineer of Record
FBO	Framing by Others
FOC	Face of Concrete
FOS	Face of Stud
GC	General Contractor
LL	Live Load
LSL	Laminated Strand Lumber
LVL	Laminated Veneer Lumber
O/FA	Out for Approval
OW	Open-Web Trusses by RedBuilt™
PLT	Plate
PSL	Parallel Stranded Lumber
RB	RedBuilt™

4 MATERIAL IDENTIFICATION

A. No tab for single-chord trusses

B.

C.

D.

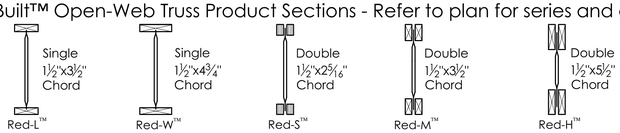
A. Strut Bracing is tubular steel with flattened ends supplied with all open-web trusses (Simpson HRS12 supplied for 12" OC systems). Strut bracing to be installed as each truss is set. See sections 5A - 5D.

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. 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 6-8dx2½"x1½" 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

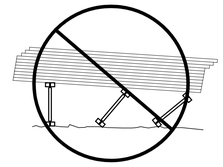


5 INSTALLATION BRACING

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

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

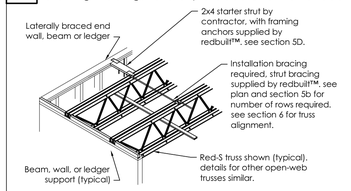
NOTICE
Installation bracing and procedures, as well as the safety of workers, are the responsibility of the installer. The installer should make sure that this installation information is understood by all persons involved in the truss installation.



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

Brace EACH truss as it is placed

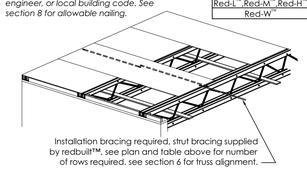
5A Starting Bracing: Laterally braced end wall or beam



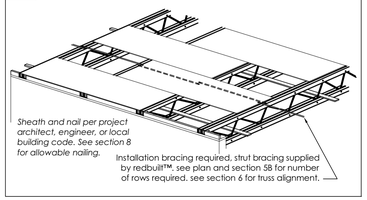
5B Starting Bracing - No laterally braced end wall or beam

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

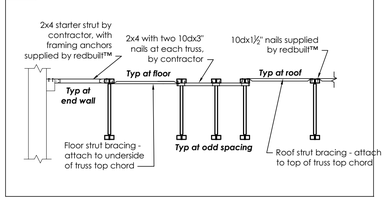
Strut Bracing Row Spacing	
Red-S™	10" OC
Red-L™, Red-M™, Red-H™	12" OC
Red-W™	14" OC



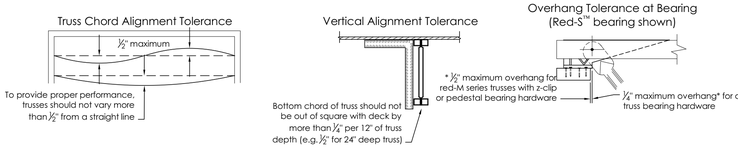
5C Intermediate Bracing - Middle of bay



5D Typical strut brace conditions



6 INSTALLATION TOLERANCES PERMITTED



7 STACKING MATERIAL

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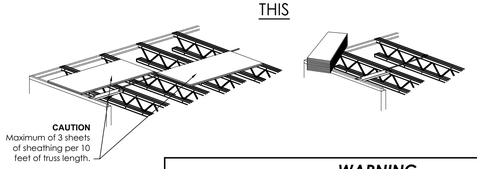


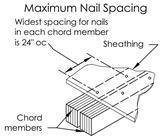
NOT THIS

CAUTION
Maximum of 3 sheets of sheathing per 10 feet of truss length.

WARNING
DO NOT allow workers or materials on the trusses until all truss bearings and bracing have been permanently attached. See section 5.

8 NAILING OF SHEATHING TO TOP CHORD MEMBERS

Maximum Nail Spacing



Nailing pattern per plans and specifications. nail spacing should never exceed 24" on-center in either chord member. do not use nails smaller than 8dx2½" or larger than 16dx3½".

WARNING
Nailing closer than specified may cause the chord to split

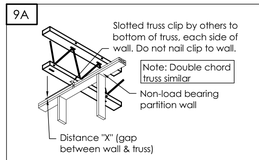
Minimum Nail Spacing

Nail Type	Nail Size	Red-L™ Red-W™	Red-S™	Red-M™ Red-H™	RedLam™ LVL Narrow Face
8d[1]	.113" x 2½" / .131" x 2½"	4" / 6"	4" / 6"	2" / 2"	3" / 3"
10d	.128" x 3" / .148" x 3"	6" / 6"	6" / 6"	2" / 2½"	3" / 4"[2]
12d	.128" x 3¼" / .148" x 3¼"	6" / 6"	6" / 6"	2" / 2½"	3" / 4"[2]
16d	.135" x 3½" / .148" x 3¼" / .162" x 3½"	6" / 6" / 8"	6" / 6" / 8"	2½ / 2½ / 4"	4" / 4"[2] / 8"[3]

(1) 1- gauge staples may be a direct substitute for 8dx2½" nails if a m imum penetration of 1" into the the flange is maintained.
(2) M imum spacing must be 5" for 4 rows of nails.
(3) St cing may be reduced to 5" where nail penetration does not e eed 1⅜".
- If are than one row of nails is used, offset rows at least ½" and stugger. Maintain ⅜" minimum edge distance.

9 STANDARD INSTALLATION DETAILS

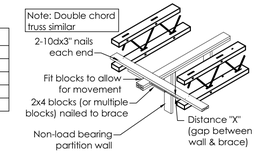
9A



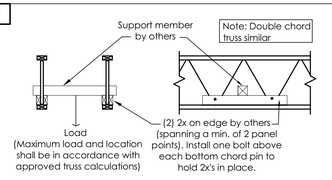
Spacing of clips and blocks per EOR

Distance "X"			
Under Roof		Under Floor	
Span	"X"	Span	"X"
0'-20'	1½"	0'-20'	¾"
20'-40'	2½"	20'-40'	1¼"
40'-60'	4"	40'-60'	2"

Recommended Attachment for Non-load Bearing Partition

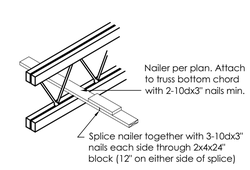


9B



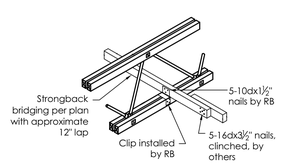
Support Detail for Loads Supported from Bottom Chord

9C



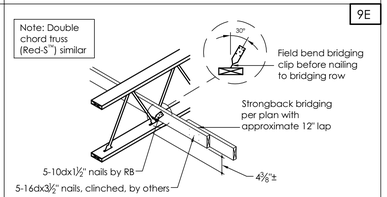
Bottom Chord Nailer

9D



Red-M™ & Red-H™ Strongback Bridging

9E



Red-L™, Red-W™ and Red-S™ Strongback Bridging

FIELD 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 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

http://www.redbuilt.com/documents/RedBuilt_Sprinkler_Guide.pdf

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

http://www.redbuilt.com/documents/RedBuilt%20Warranty%20Certificate.pdf

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

Rev 06/19