Anexo 3

Set de Planos

OPEN-WEB TRUSS INSTALLATION INFORMATION

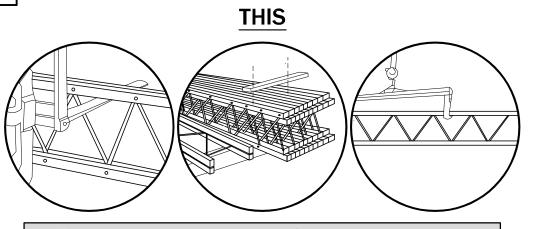
ATTENTION BUILDER

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.



Minimum Nail Spacing





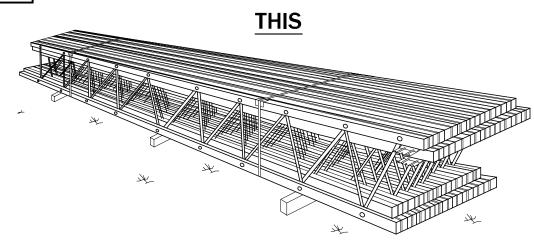
Workers should stay clear when cutting the banding to avoid possible injury from flying banding or toppling trusses.

NOT THIS

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

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.

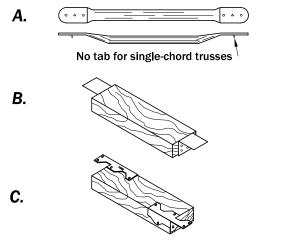
NOT THIS Damaged trusses must be repaired or replaced

GENERAL INFORMATION

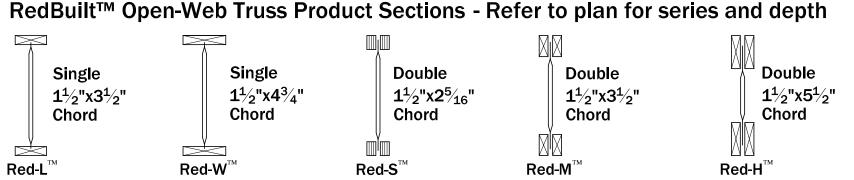
- All nails specified in framing package to be "common" nails unless noted otherwise. Use proper size nails to fill all nail holes in bearing clips, bridging clips, bracing, etc.
- Do not scale drawings: written dimensions take precedence.
- Manufacturer's responsibility is only for the design of the 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.

Centerline DBL DL EOR Dead Load **Engineer of Record** Framing by Others **Face of Concrete** FOS Face of Stud **General Contractor** Live Load LSL LVL OFA OW PLT PSL RB Laminated Strand Lumber Laminated Veneer Lumber Out for Approval Open-Web Trusses by RedBuilt™ Parallel Stranded Lumber RedBuilt™

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 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 6-8dx1 $\frac{1}{2}$ " 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.



INSTALLATION BRACING



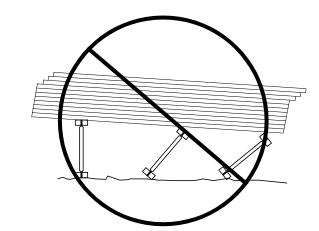
DO NOT walk on the trusses until all truss bearings and bracing have been permanently attached. Injury may result.

WARNING

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

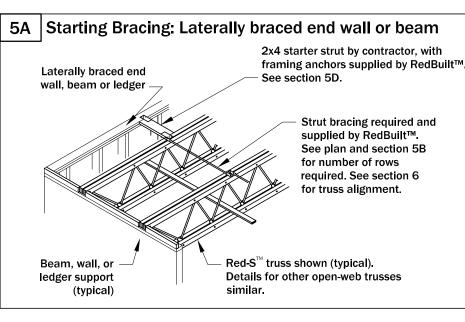
NOTICE

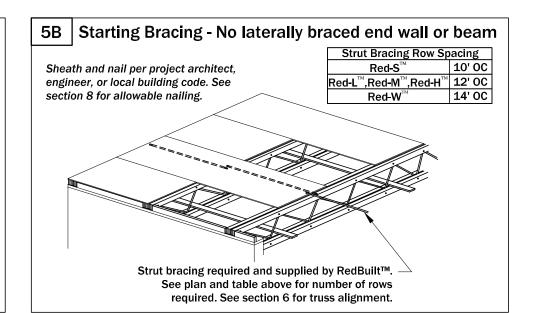
Installation bracing and procedures, as well as the safety of workers, are the responsibility of the installer. The installer should make sure that this installation information is understood by all persons involved in the truss installation.

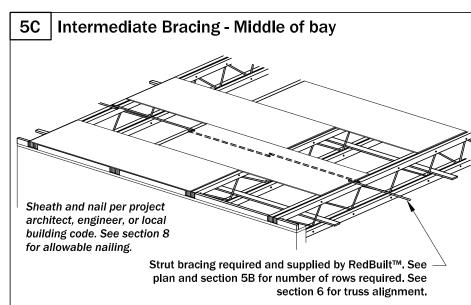


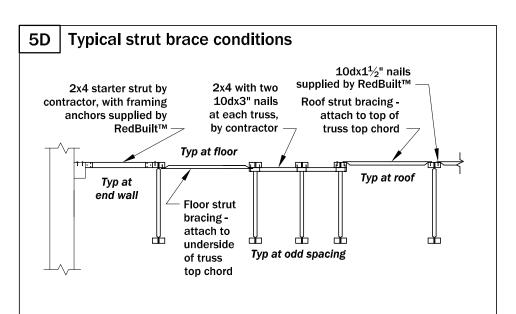
DO NOT stack building materials on trusses before all truss bearings and bracing have been permanently attached. See section 7

Brace EACH truss as it is placed

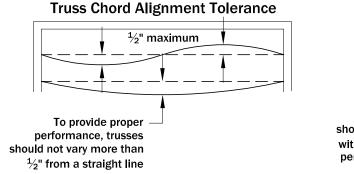


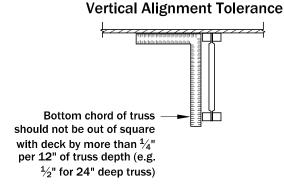


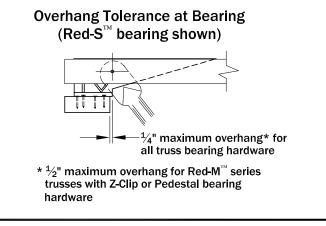




INSTALLATION TOLERANCES PERMITTED

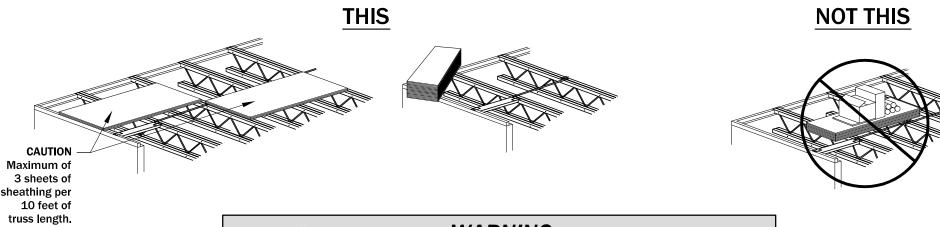






Rev 02/12

STACKING MATERIAL



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

Red-I™, Red-I45™, Red-I65™, Red-I90™, Red-I90H™, Red-I90H™, Red-I90H™, Red-I90H™, Red-L™, Red-L™, Red-W™, Red-S™, Red-H™, Red-H™, Red-I90H™, R

NAILING OF SHEATHING TO TOP CHORD MEMBERS

WARNING Nailing closer than

specified may cause

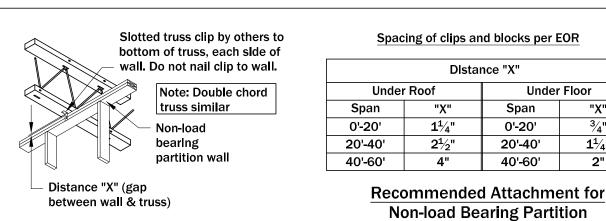
the chord to split

Maximum Nail Spacing Widest spacing for nails in each chord member is

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

- penetration of 1" into the the flange is maintained.
- (2) Minimum spacing must be 5" for 4 rows of nails
- (3) Spacing may be reduced to 5" where nail penetration does not exceed $1\frac{3}{8}$ ". • If more than one row of nails is used, offset rows at least $\frac{1}{2}$ " and stagger Maintain 3/8" minimum edge distance.

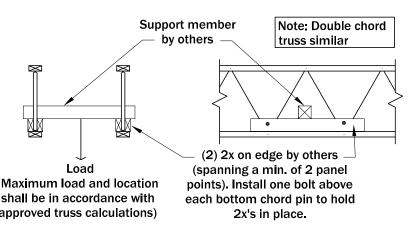
STANDARD INSTALLATION DETAILS



Spacing of clips and blocks per EOR Distance "X" **Under Roof Under Floor** 0'-20' 1½" 0'-20' 20'-40' 20'-40' 1½" 2½" 40'-60'

Non-load Bearing Partition

Note: Double chord 2-10dx3" nails each end Fit blocks to allow -2x4 blocks (or multiple blocks) nailed to brace Non-load bearing wall & brace) partition wall

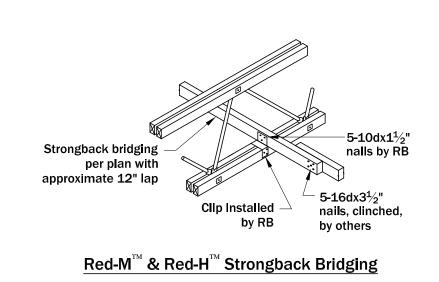


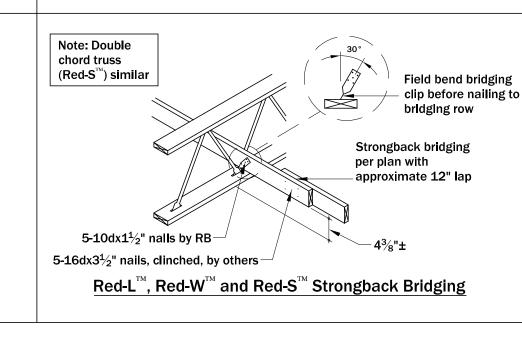
Support Detail for Loads Supported from

Nailer per plan. Attach to truss bottom chord with 2-10dx3" nails min. Splice nailer together with 3-10dx3 nails each side through 2x4x24"

block (12" on either side of splice)

Bottom Chord Nailer Bottom Chord





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™.

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

Sheet 1 of 13

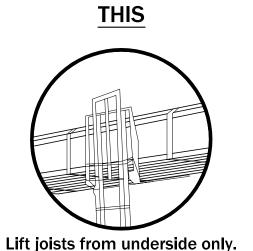
I-JOIST INSTALLATION INFORMATION

ATTENTION BUILDER

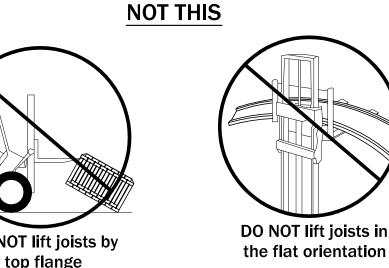
Enclosed is IMPORTANT information on how to safely and properly install RedBuilt™ Joists. Personal injury or death may result from failure to read and follow this information.



PRODUCT HANDLING



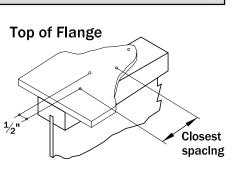
DO NOT lift joists by



FLANGE AND BEAM NAILING

Nailing pattern to be per contract drawings and specifications. In addition, nail spacing shall comply with the criteria listed.

> Nailing closer than specified may cause the flange to split.



INSTALLATION BRACING

DO NOT walk on the joists until

all joist bearings and bracing

have been permanently

attached. Injury may result.

Strut lines must extend to braced end wall, beam or sheathing

l-joist blocking panel (or equal) required at each -

See plan/details for specific applications.

Blocking attachment: Minimum 10d (3") nails at -

12" OC each side of I-joist blocking panel. When

used for shear transfer, nail to bearing plate with

connections equivalent to sheathing nail schedule.

side of I-joist for lateral stability and to transfer

wall load above (as occurs) to bearing wall below

IMPORTANT

Strut lines (1x4 minimum)

6' on-center for joists with 1³/₄"

8' on-center for joists with 2½'

10' on-center for joists with $3\frac{1}{2}$

Strut lines are required at all

are not otherwise braced.

bearing locations where joists

Cantilever bracing may be

Ends of cantilevers must be

blocking, bracing or rim joist

required. See plan

Closest On-Center Spacing Per Row⁽¹⁾ RedLam™ LVL Size Narrow Face .128" x 3" .128" x 3¹/₄' .148" x 3¹/₄ .162" x 3¹

Nailing of sheathing

- (1) If more than one row of nails is used, offset rows at least $\frac{1}{2}$ " and stagge Maintain 3/8" minimum edge distance.
- (2) Sheathing must be nailed to the full length of the top (or compression flange on the I-joist with the maximum nail spacing as follows 18" OC for I-joists with flange widths less than 2".
- 24" OC for I-joists with flange widths greater than 2". (3) 14-gauge staples may be a direct substitute for 8d ($2\frac{1}{9}$ ") nails if a minimum penetration of 1" into the flange is maintained

DO NOT stack building

materials on unsheathed

joists. Stack only over

beams or walls.

WARNING

All blocking, hangers, rim boards,

and rim joists at the end supports

of the I-joists must be completely installed and properly nailed.

I-joist flanges must remain straight

additional loads can be placed on

Without bracing, buckling sideways

or rollover is highly probable under

within $\frac{1}{2}$ " from true alignment.

Sheathing must be completely

attached to each I-joist before

light construction loads like a

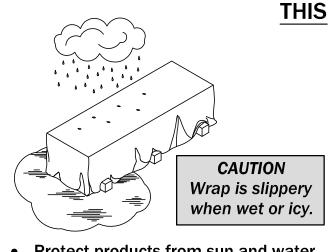
worker or stacked sheathing.

the system.

(4) Minimum spacing must be 5" for 4 rows of nails. (5) Spacing may be reduced to 5" where nail penetration does not exceed $1\frac{3}{8}$ ".

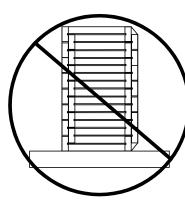
PRODUCT STORAGE

DO NOT dump or drop from truck.



- Protect products from sun and water. Use support blocks at 10' on-center to
- keep products out of mud and water.

NOT THIS



DO NOT store joists in the flat orientation

Store and handle

joists in vertical

orientation. Leave

joists banded together

until ready to install.

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

GENERAL INFORMATION

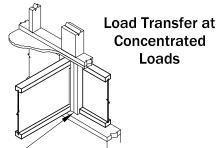
- All nails specified in framing package to be "common" nails unless noted otherwise.
- All joists not marked "Precision End Trim" (PET) on the material list may be sent up to 2'-0" longer than the length indicated on the material list.
- Do not scale drawings: written dimensions take precedence.
- Manufacturer's 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.

Approved for Production Architect of Record Centerline Dead Load Framing by Others Face of Concrete Face of Stud **General Contractor** Live Load **Laminated Strand Lumber** Laminated Veneer Lumber Out for Approval Open-Web Trusses by RedBuilt™ Parallel Stranded Lumber RedBuilt™

WEB STIFFENER REQUIREMENTS

Web Stiffener Size and Material

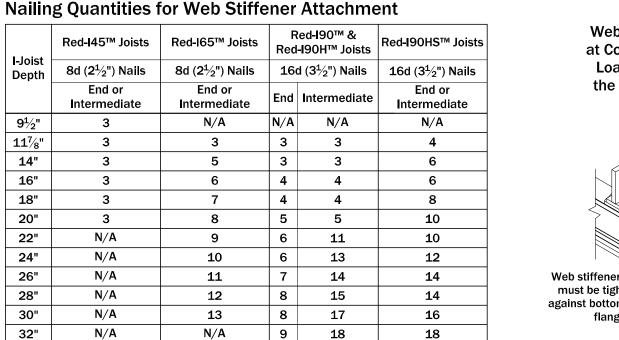
web:	Sumerier Size	and Material						
Flange Width	Web Stiffener Size	Web Stiffener Material						
13/4"	⁵ / ₈ "x2 ⁵ / ₁₆ "	Sheathing (with face grain vertical) that						
2½"	1 "x 2 ⁵ ⁄ ₁₆ "	meets the requirements of PS1 or PS2						
3½"	2x4	Construction grade or better Red-I90HS™ Joists require LVL/LSL						

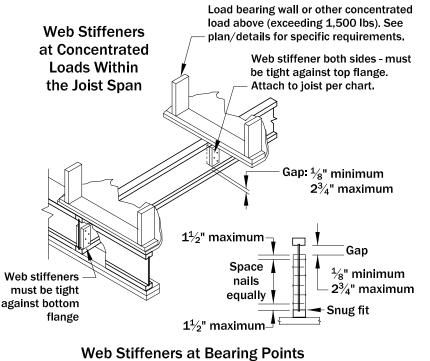


_ Use solid 2x blocking under post to transfer load around joist. Cut blocks $\frac{1}{16}$ " longer than joist depth.

 Web stiffener requirements vary based on joist series and depth;

Web Stiffeners at Concentrated



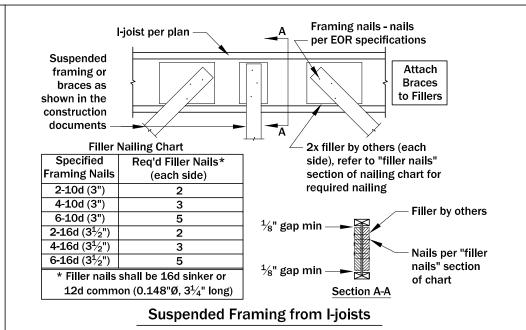


they are always required at bearing on joists 20" in depth or greater.

- See plan/details for requirements specific to the joists being used on this project.
- If web stiffeners are required at hanger locations, they must be attached before placing joist in hanger.

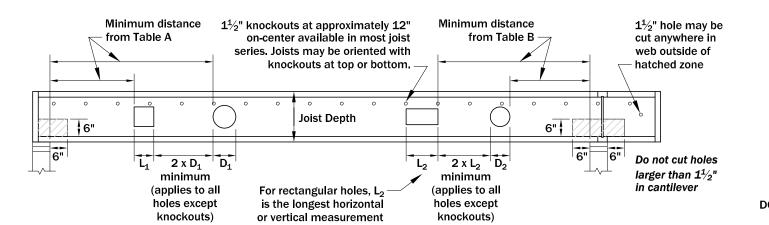
$\frac{1}{8}$ " gap min — - 2x filler by others (12" member depth min.) ⅓" gap min — _ Nail through web into filler by others (50# 2x or 4x support for each 8d ($2\frac{1}{2}$ ") nail) member with hangers by others attached to filler. Locate support member vertically as Note: Use this detail for loads exceeding 250 lbs. per I-joist. A 250 lb. load can be supported on each side of the joist's bottom flange at 5'-0" on center, provided the load is included in normal design loads. **Support Detail for Loads**

Supported from I-joist



Red-I™, Red-I45™, Red-I65™, Red-I90™, Red-I90H™, Red-I

ALLOWABLE HOLES



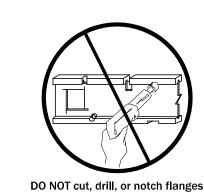


Table A - End Support Minimum distance from edge of hole to inside face of nearest end support

General Notes

concentrated load check is required.

RedBuilt™ technical representative

top and bottom of hole. DO NOT cut Joist flanges.

Tables are based on maximum allowable uniform loads. Bold Italic cells indicate

2000 lb. concentrated load spread over two joists has not been considered, use

For other hole sizes, hole locations, or loads, use RedSpec™ software or contact your

• Holes may be located vertically anywhere in the web, Leave $\frac{1}{8}$ " of web (minimum) at

Knockouts are located in web at approximately 12" on-center; they do not affect hole

• Do not cut holes in cantilever without consulting your RedBuilt™ representative.

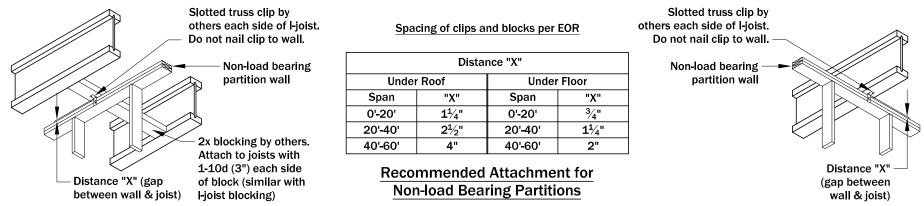
Red-I45™

RedSpec™ software or contact your RedBuilt™ technical representative if

Table B - Intermediate or Cantilever Support Minimum distance from edge of hole to inside face of nearest intermediate or cantilever support

		Round Hole Size										Round Hole Size											
		2"	4"	6"	8"	10"	12"	14"	16"	18"	20"			2"	4"	6"	8"	10"	12"	14"	16"	18"	20"
Jolst	Joist	Square or Rectangular Hole Size							Jolst	Joist	Square or Rectangular Hole Size												
Depth	Series	1.25"	2.5"	4"	5"	6"	7"	8.5"	9.5"	10.5"	13"	Depth	Series	1.25"	2.5"	4"	5"	6"	7"	8.5"	9.5"	10.5"	13"
9½"	I45 / I65	1'-6"	3'-0"	5'-0"	-	-	-	-	-	-	-	91/2"	I45 / I65	1'-6"	4'-0"	6'-6"	-	-	-	-	-	-	-
972	190	2'-0"	3'-6"	5'-6"	-	-	-	-	-	-	-	972	190	3'-0"	5'-6"	8'-0"	-	-	-	-	-	-	-
	I45 / I65	1'-6"	2'-6"	4'-0"	5'-6"	-	-	-	-	-	-		I45 / I65	1'-0"	2'-0"	4'-6"	7'-0"	-	-	-	-	-	-
117/8"	190 / 190H	1'-6"	3'-6"	5'-6"	7'-0"	-	-	-	-	-	-	117/8"	190 / 190H	2'-0"	4'-6"	7'-6"	10'-0"	-	-	-	-	-	-
	I90HS	2'-0"	4'-0"	6'-6"	-	-	-	-	-	-	-		190HS	3'-6"	6'-0"	9'-0"	-	-	-	-	-	-	-
	I45 / I65	1'-0"	2'-0"	3'-6"	4'-6"	6'-6"	-	-	-	-	-		I45 / I65	1'-0"	1'-0"	3'-6"	5'-6"	8'-6"	-	-	-	-	-
14"	190 / 190H	1'-0"	3'-0"	5'-0"	6'-6"	9'-0"	-	-	-	-	-	14"	190 / 190H	1'-0"	3'-6"	6'-0"	9'-0"	12'-6"	-	-	-	-	-
	I90HS	2'-0"	4'-0"	6'-0"	8'-0"	-	-	-	-	-	-		190HS	4'-0"	6'-6"	9'-0"	11'-6"	-	-	-	-	-	-
	I45 / I65	1'-0"	1'-6"	3'-0"	4'-0"	5'-0"	8'-0"	-	-	-	-		I45 / I65	1'-0"	1'-0"	2'-0"	4'-0"	6'-6"	10'-0"	-	-	-	-
16"	190 / 190H	1'-0"	2'-0"	4'-0"	6'-0"	8'-6"	10'-6"	-	-	-	-	16"	190 / 190H	1'-0"	1'-6"	4'-6"	8'-0"	11'-0"	14'-6"	-	-	-	-
	190HS	2'-0"	4'-0"	6'-0"	8'-0"	10'-0"	-	-	-	-	-		190HS	3'-0"	6'-0"	8'-6"	11'-6"	14'-0"	-	-	-	-	-
	I45 / I65	1'-0"	1'-0"	2'-6"	3'-6"	4'-6"	6'-0"	9'-0"	-	-	-		I45 / I65	1'-0"	1'-0"	1'-0"	2'-6"	5'-0"	8'-0"	12'-0"	-	-	-
18"	190 / 190H	1'-0"	1'-0"	2'-6"	5'-0"	7'-0"	9'-6"	12'-6"	-	-	-	18"	190 / 190H	1'-0"	1'-0"	2'-6"	5'-6"	9'-0"	12'-6"	17'-0"	-	-	-
	190HS	2'-0"	4'-0"	6'-0"	8'-0"	10'-0"	12'-0"	-	-	-	-		190HS	2'-6"	5'-6"	8'-0"	11'-0"	13'-6"	16'-6"	-	-	-	-
	I45 / I65	1'-0"	1'-0"	2'-0"	3'-0"	4'-0"	5'-0"	7'-0"	10'-6"	-	-		I45 / I65	1'-0"	1'-0"	1'-0"	1'-0"	3'-6"	6'-0"	9'-0"	13'-6"	-	-
20"	190 / 190H	1'-0"	1'-0"	2'-0"	4'-0"	6'-0"	8'-0"	11'-0"	14'-0"	-	-	20"	190 / 190H	1'-0"	1'-0"	1'-0"	3'-6"	7'-0"	10'-6"	14'-6"	19'-6"	-	-
	190HS	2'-0"	4'-0"	6'-0"	8'-0"	9'-6"	11'-6"	14'-0"	-	-	-		190HS	2'-0"	5'-0"	7'-6"	10'-6"	13'-6"	16'-0"	19'-6"	-	-	-
	I 65	1'-0"	1'-0"	1'-6"	2'-6"	3'-6"	4'-6"	5'-6"	7'-6"	11'-6"	-		I65	1'-0"	1'-0"	1'-0"	1'-0"	2'-0"	4'-6"	7'-0"	10'-0"	15'-0"	_
22"	190 / 190H	1'-0"	1'-0"	1'-0"	3'-0"	5'-0"	7'-0"	9'-0"	12'-6"	16'-0"	-	22"	190 / 190H	1'-0"	1'-0"	1'-6"	4'-0"	6'-6"	9'-6"	12'-0"	16'-0"	-	-
	190HS	2'-0"	4'-0"	6'-0"	8'-0"	9'-6"	11'-6"	13'-6"	16'-0"	-	-		190HS	1'-0"	3'-0"	6'-0"	9'-0"	12'-6"	15'-6"	18'-6"	22'-0"	-	-
24"	I65	1'-0"	1'-6"	2'-6"	3'-6"	4'-0"	5'-0"	6'-0"	7'-6"	10'-0"	_	24"	I65	1'-0"	1'-0"	1'-6"	3'-0"	4'-6"	6'-0"	7'-6"	10'-0"	13'-6"	_
to	190 / 190H	1'-0"	1'-0"	2'-0"	3'-6"	5'-0"	6'-6"	8'-6"	10'-6"	14'-6"	18'-6"	to	190 / 190H	1'-6"	3'-0"	4'-6"	6'-0"	7'-6"	9'-0"	11'-0"	14'-0"	18'-6"	_
26"	190HS	2'-0"	4'-0"	6'-0"	7'-6"	9'-6"	11'-6"	13'-6"	15'-0"	18'-0"	-	26"	190HS	1'-6"	4'-0"	6'-6"	9'-0"	11'-6"	14'-0"	17'-0"	20'-0"	23'-0"	-
28"	I65	1'-0"	2'-0"	2'-6"	3'-6"	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	10'-6"	28"	I65	1'-0"	1'-0"	1'-6"	3'-0"	4'-6"	6'-0"	7'-6"	9'-0"	11'-0"	13'-6"
to	190 / 190H	1'-0"	1'-6"	2'-6"	4'-0"	5'-6"	6'-6"	8'-0"	9'-6"	11'-6"	14'-6"	to	190 / 190H	1'-6"	3'-0"	4'-6"	6'-0"	7'-6"	9'-0"	11'-0"	12'-6"	15'-6"	18'-6"
32"	190HS	2'-0"	3'-6"	5'-0"	7'-0"	8'-6"	10'-0"	12'-0"	13'-6"	16'-0"	18'-6"	32"	190HS	1'-0"	2'-6"	4'-6"	7'-0"	9'-6"	12'-0"	14'-6"	17'-0"	19'-6"	21'-6"

STANDARD INSTALLATION DETAILS



WARNING

Without correctly installed bracing, joists can buckle sideways or 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 joist installation.

4' (minimum) strip of sheathing (temporary or

permanent) if there is no braced end wall. If permanent, fasten per plans and specifications. If

temporary, use 8d (0.113" $x2\frac{1}{2}$ ") nails at 12" 0C.

Fill all nail holes with

Two 8d (0.113" $x2\frac{1}{2}$ ")

Jolst attachment: For 1½" thick flanges.

minimum, each side of Red-I™ joist at

bearing. Use 12d ($3\frac{1}{4}$ ") box nails with $1\frac{3}{4}$ "

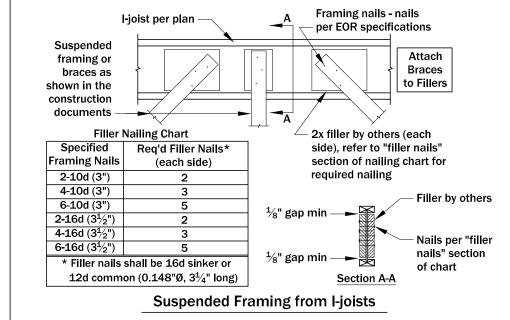
thick flanges and 16d (3½") box nails with

2½" thick flanges. Maintain 1½" minimum

attach with one 10d (3") box nail,

m<u></u> — end distance to minimize splitting.

the proper nails



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

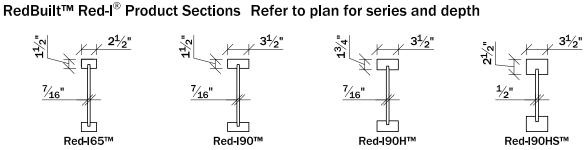
Red-I65™

If you have questions or concerns: (866) 859-6757

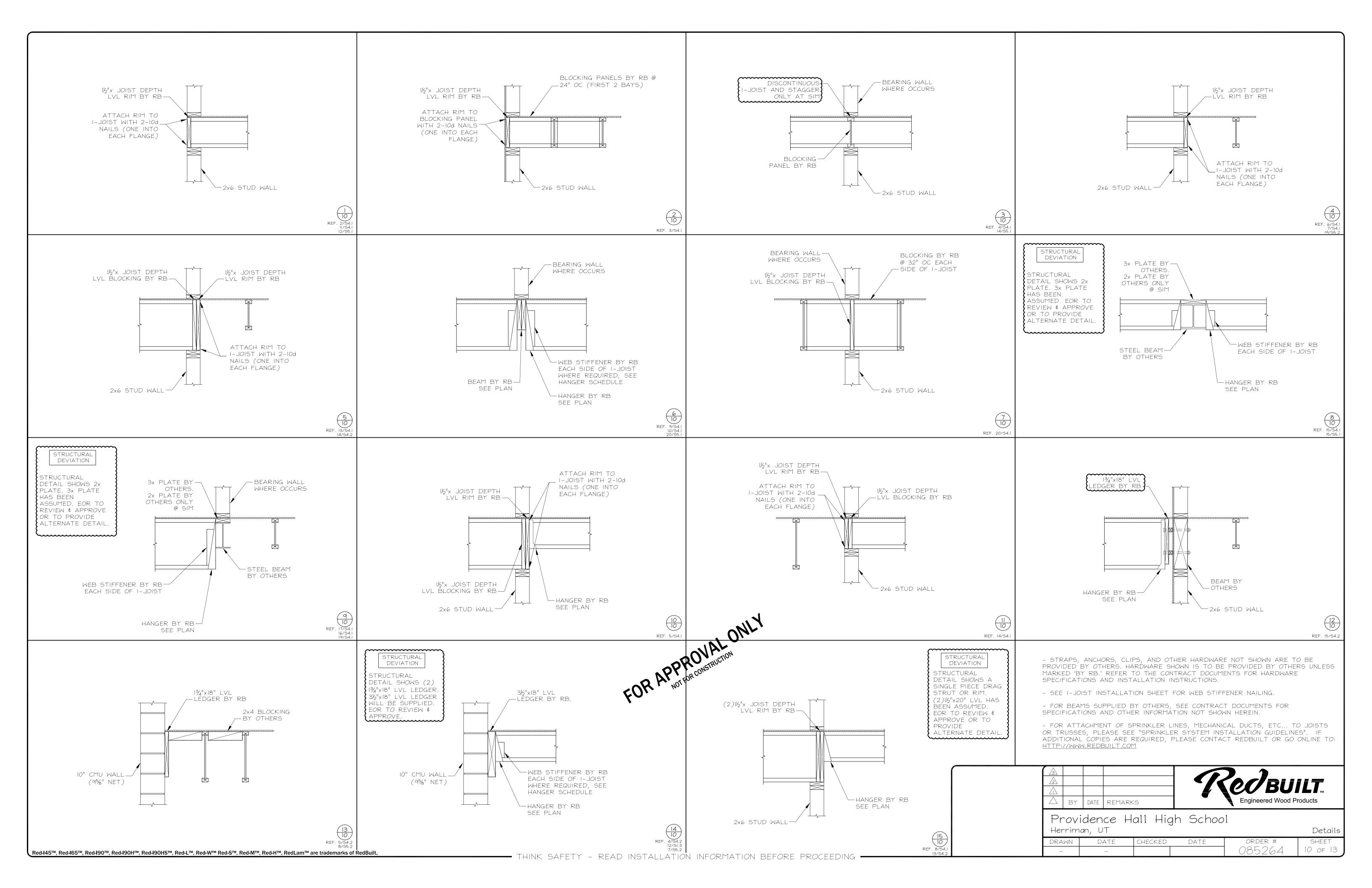
1. Determine the hole shape and size. For rectangular holes, use the largest dimension of the rectangle. Sizes given in the table are hole sizes, not duct sizes. 2. Determine the Red-I™ joist series and depth.

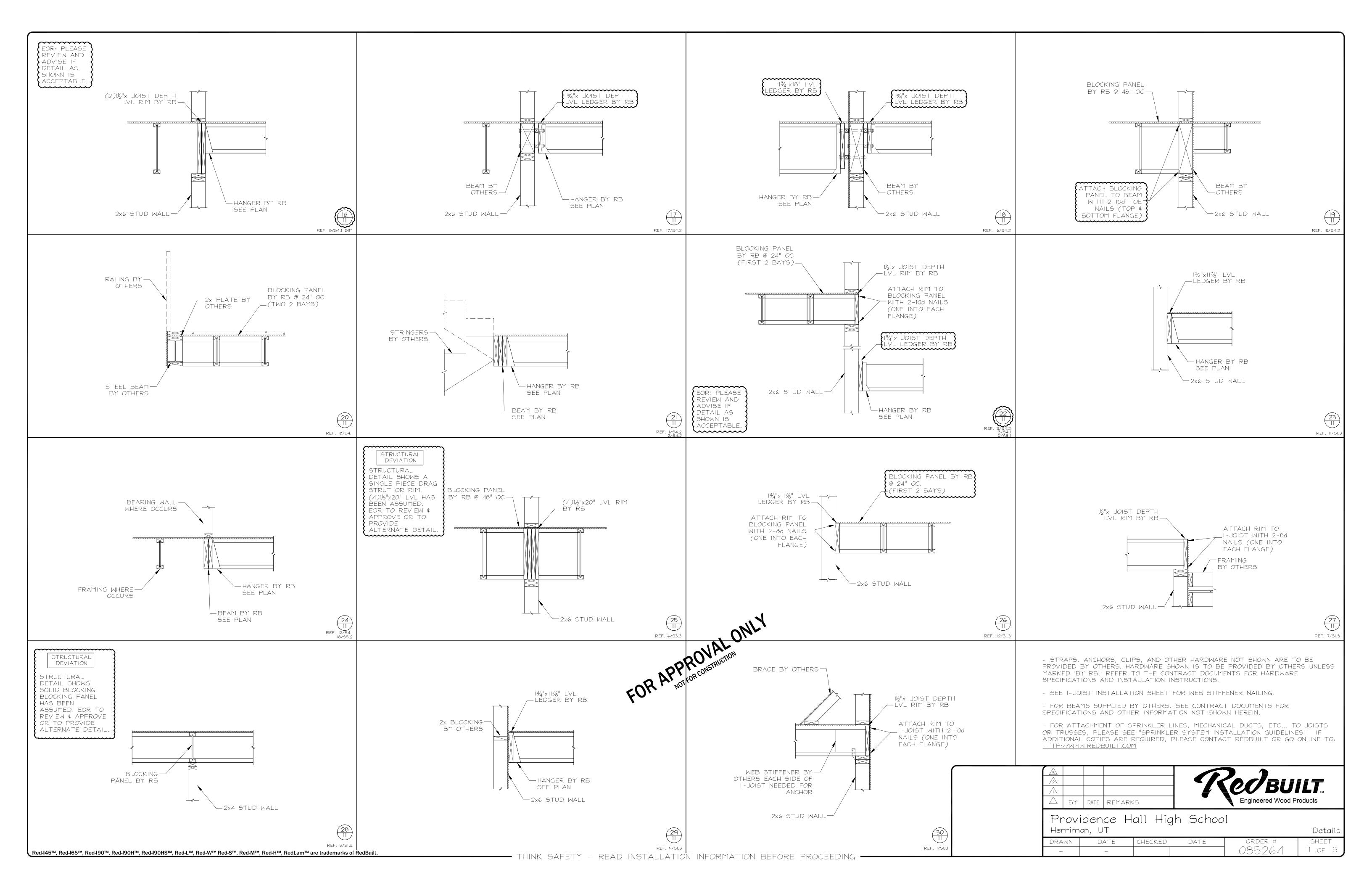
How to use Tables A and B

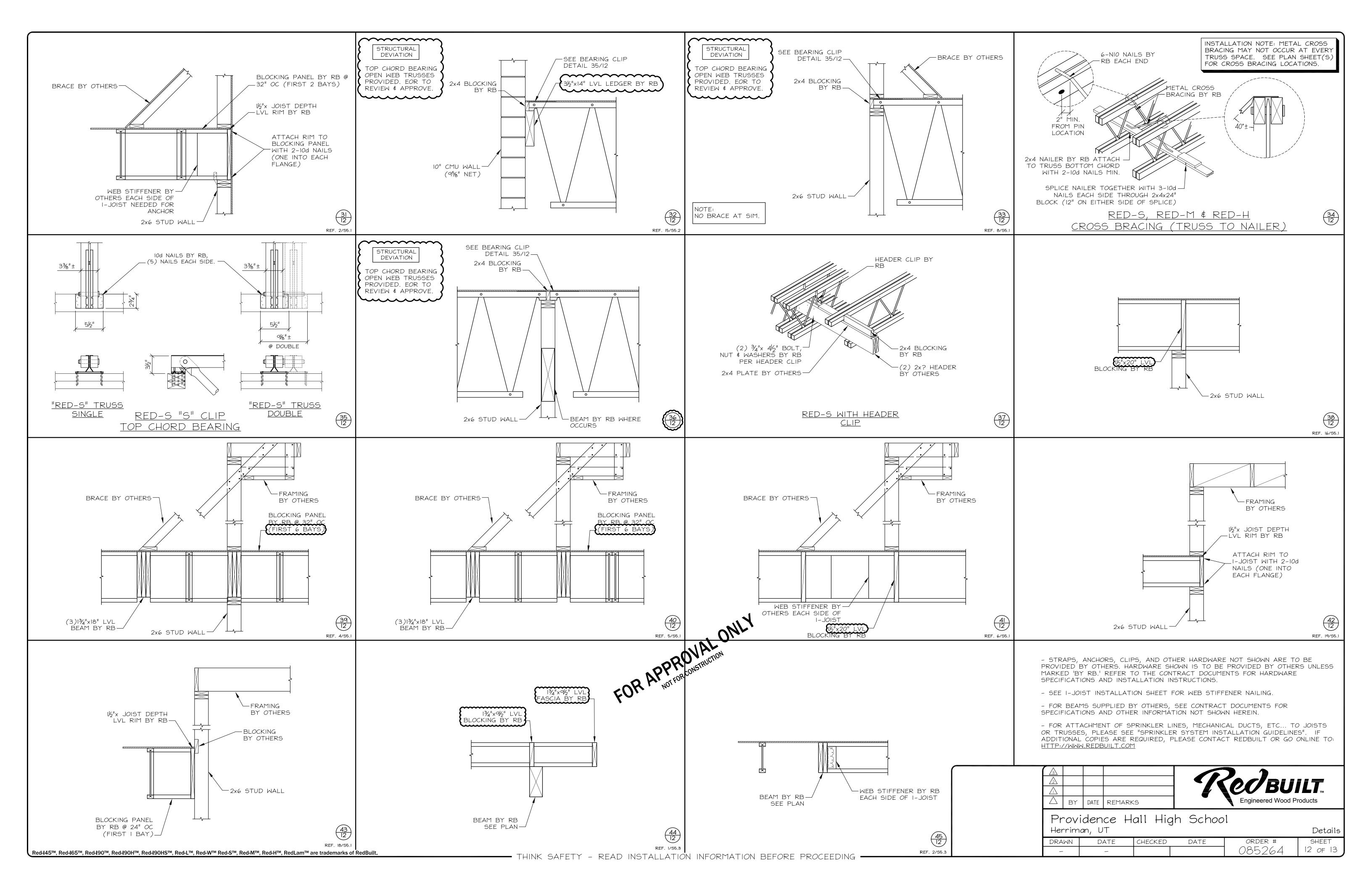
- 3. Determine the type of support on each side of the hole. If the Red-I™ joist is continuous over a support, use both tables. Use Table A if the joist terminates at
- 4. Find the table cell at the intersection of the Red-I[™] joist and the hole. 5. The measurement shown is the minimum distance from the edge of the hole to
- the inside face of the support.
- 6. Maintain the minimum required distance from both supports. 7. It is permissible to interpolate between hole sizes shown in the tables.

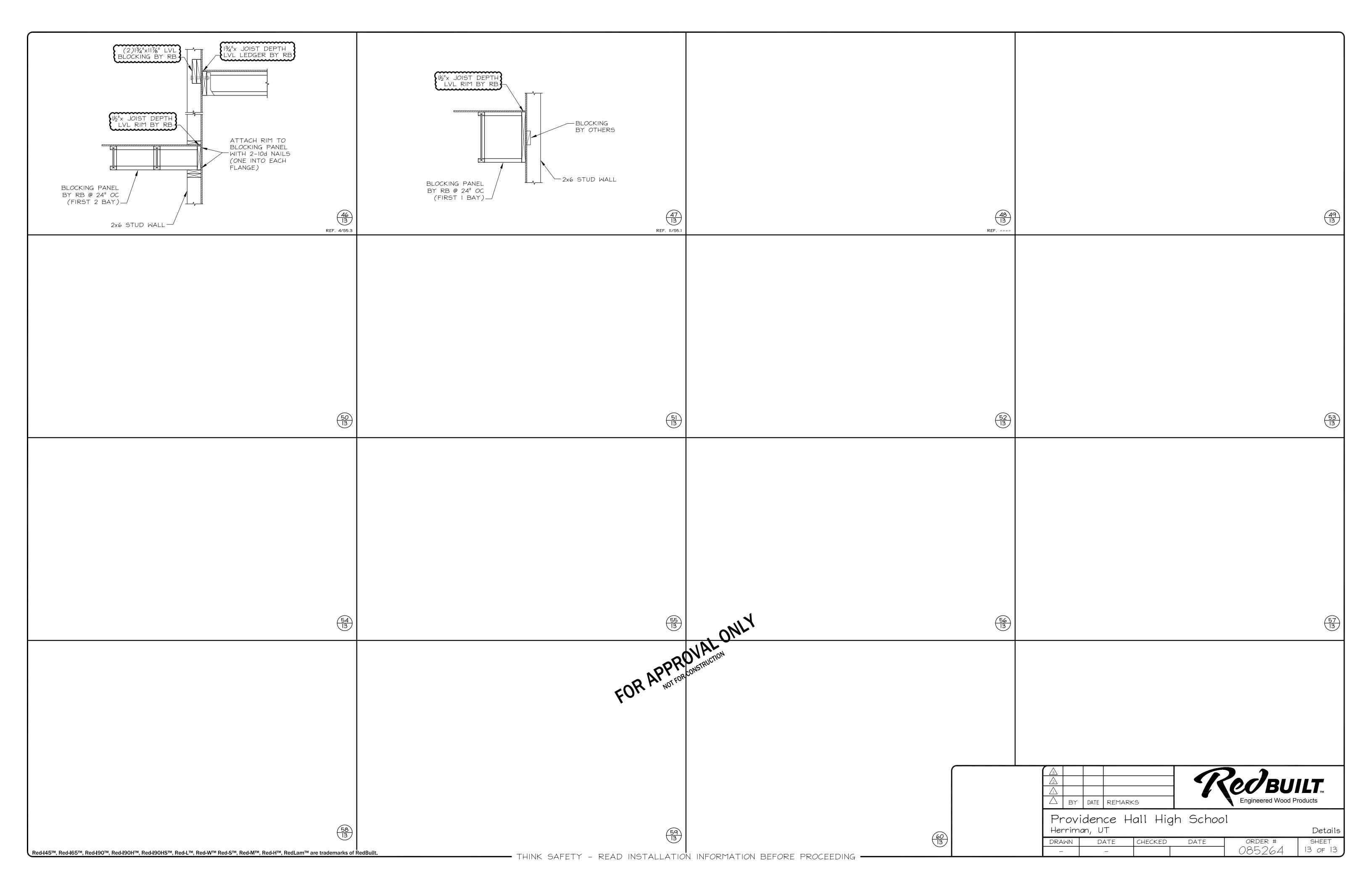


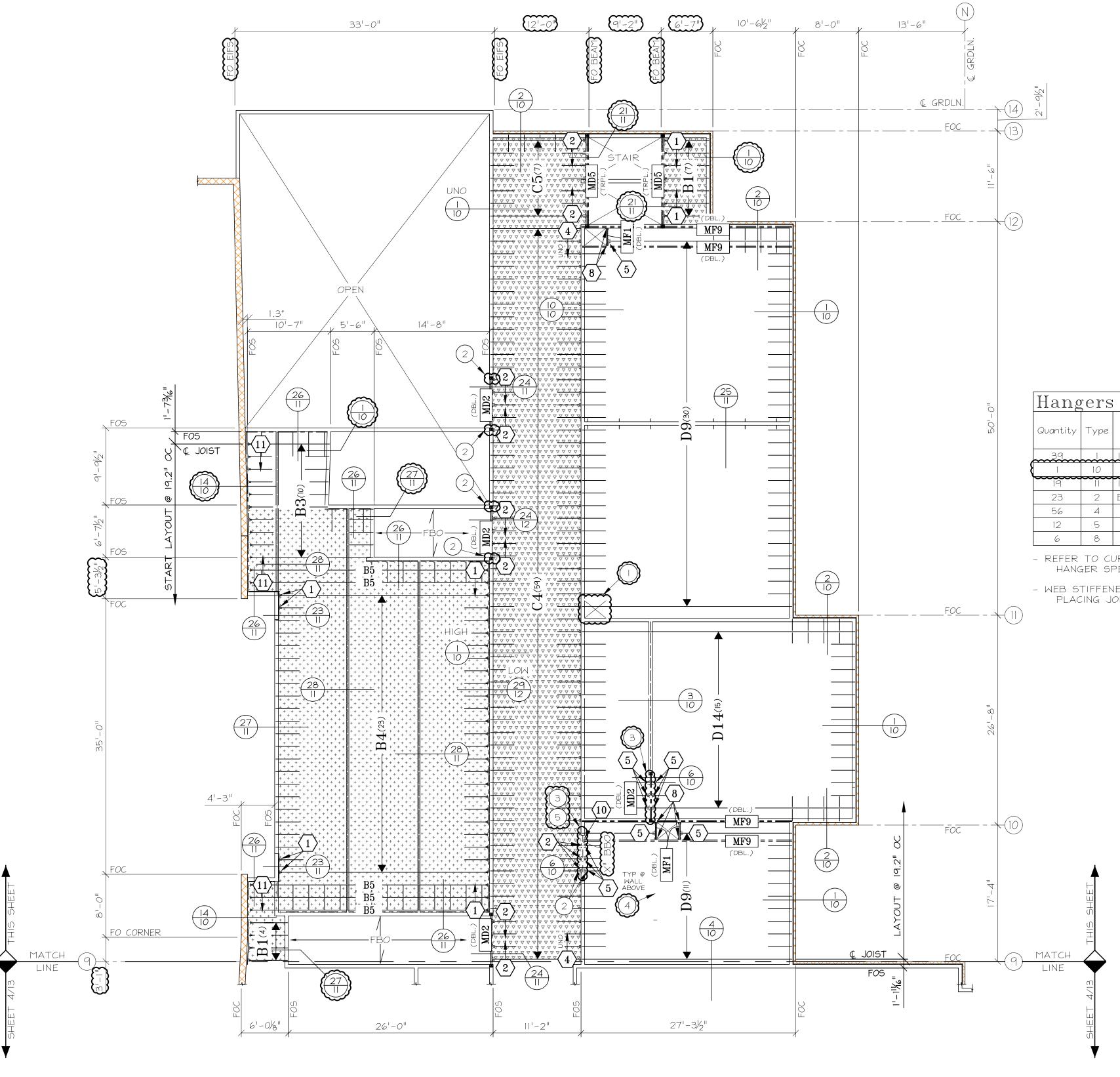
Sheet 2 of 13











PRODUCT TYPE CHART

CALLOUT

SEE MATERIAL LIST FOR MORE INFORMATION

Red-I45™, Red-I65™, Red-I90™, Red-I90H™, Red-I90HS™, Red-L™, Red-W™ Red-S™, Red-M™, Red-H™, RedLam™ are trademarks of RedBuilt.

MEMBER

11%" RED-145 JOIST

11%" RED-190 JOIST

20" RED-190 JOIST

13/4"x117/8" REDLAM BEAM

13/4"x18" REDLAM BEAM

- ALL ITEMS "CLOUDED" MUST BE MARKED AS OK OR CORRECT INFORMATION PROVIDED.

PROJECT ASSUMPTIONS

- ALL MISCELLANEOUS ITEMS (SPRINKLER LINES, SOFFITS, ELECTRICAL CONDUITS, ETC.) ARE ASSUMED TO BE INCLUDED IN THE UNIFORM DESIGN DEAD LOAD, UNLESS SPECIFICALLY SHOWN OTHERWISE ON THESE SHOP DRAWINGS.

- ALL OPENINGS (DUCTWORK, PLUMBING, ETC.) ARE ASSUMED TO FIT BETWEEN REGULAR ON-CENTER SPACING AS SHOWN, UNLESS SPECIFICALLY SHOWN OTHERWISE ON THESE SHOP DRAWINGS.

CONTRACTOR/ENGINEER OF RECORD - PLEASE VERIFY THESE ASSUMPTIONS ARE ACCEPTABLE, OR CORRECT AS NEEDED. IF NO CORRECTIONS ARE MADE TO ASSUMPTIONS, RB WILL MANUFACTURE PRODUCT WITH THE INFORMATION SHOWN ON THESE SHOP DRAWINGS.

EOR: PLEASE REVIEW
AND ADVISE IF
HANGERS AS SHOWN
ARE ACCEPTABLE.

- REFER TO CURRENT SIMPSON STRONG TIE® LITERATURE FOR HANGER SPECIFIC INSTALLATION INSTRUCTIONS.
- WEB STIFFENERS IF REQUIRED MUST BE ATTACHED BEFORE PLACING JOIST IN HANGER.

GENERAL NOTES & LEGEND

DESIGN CONSIDERATIONS

BUILDING CODE:

2012 IBC

40 PSF

<u>FLOOR DESIGN</u> FLOOR LIVE LOAD (CLASSROOM): DEAD LOAD:

DEAD LOAD:
PARTITION LOAD:

STATE OF THE PARTITION LOAD:

STATE OF

DRAWING NOTES & LEGEND

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

XX (##)

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

I-JOIST NOTES & LEGEND

- ALL I-JOISTS WILL BE SENT LONG TO BE FIELD TRIMMED UNLESS MARKED "PET" ON MATERIAL LIST.

‡ **>--**

- DENOTES CONTINUOUS HANGER TYPE. SEE HANGER INFO.

RECTANGULAR SECTION NOTES \$ LEGEND

M?

- DENOTES LOCATION OF BEAM OR COLUMN BY RB. SEE MATERIAL LIST FOR MORE INFORMATION.

- ALL LVL BEAMS AND ASSOCIATED HARDWARE PROVIDED BY REDBUILT ARE AS SPECIFIED ON THE CONTRACT DRAWINGS. SPECIFICATIONS AND SIZE HAVE NOT BEEN VERIFIED BY REDBUILT ENGINEERING UNLESS OTHERWISE NOTED.

- NAIL DOUBLE MULTIPLE PIECES TOGETHER WITH A MINIMUM OF 2 ROWS OF 16d NAILS AT 6" OC (STAGGERED). SPECIFIED NAILING IS FROM EACH SIDE.
- NAIL TRIPLE MULTIPLE PIECES TOGETHER WITH A MINIMUM OF 2 ROWS OF 16d NAILS AT 4" OC (STAGGERED). SPECIFIED NAILING IS FROM EACH SIDE.

THIRD PARTY PRODUCTS

G?

- DENOTES LOCATION OF GLULAM BEAM. SEE MATERIAL LIST FOR MORE INFORMATION.

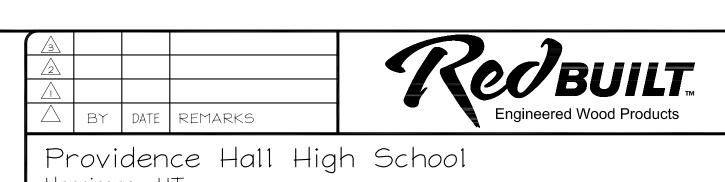
- ALL GLULAM BEAMS PROVIDED BY REDBUILT ARE AS SPECIFIED ON THE CONTRACT DRAWINGS. SPECIFICATIONS AND SIZE HAVE NOT BEEN VERIFIED BY REDBUILT ENGINEERING UNLESS OTHERWISE NOTED.

KEY NOTES

- STRUCTURAL DRAWINGS DON'T SHOW OPENING AT MECH.
 DUCTS CHASES. EOR PLEASE REVIEW AND ADVISE.
- 2) FIELD LOCATE I-JOIST TO ENSURE PROPER FIT AND
- BEAM WIDTH IS TOO NARROW TO ALLOW FOR HANGER INSTALLATION ON EA SIDE. EOR TO REVIEW AND ADVISE.
- WALL ABOVE LOAD 150 PLF DL. EOR TO REVIEW AND ADVISE ADVISE IF LOAD AS SHOWN IS ACCEPTABLE.
- STRUCTURAL DRAWINGS DON'T SHOW BEAM DIMENSION.
 PLEASE REVIEW AND ADVISE IS THE DIMENSION ASSUMED
 IS ACCEPTABLE

EOR APPROVAL ONL





Herriman, UT

DRAWN DATE CHECKED DATE ORDER # SHEET
- - - 085264 5 OF 13

- THINK SAFETY - READ INSTALLATION INFORMATION BEFORE PROCEEDING •

