Manufactured by: Backyard Discovery
3305 Airport Drive, Pittsburg, KS 66762 800-856-4445

Basepoint Business Centre: Rivermead Drive,Westlea, Swindon SN5 7EX Phone: 0800-118-2476 J.P. Coenstraat 7, The Bridge, The Hague, 2595 WP, Netherlands Phone: 08005678990

10x10 BARRINGTON GAZEBO

MODEL # : 2406131

WARNING
Cancer and Reproductive Harm
www.P65Warnings.ca.gov



Please visit www.backyarddiscovery.com
For the most up to date assembly manual, to register your product, or to order replacement parts *Para obtener instrucciones en español, visite www.backyarddiscovery.com*

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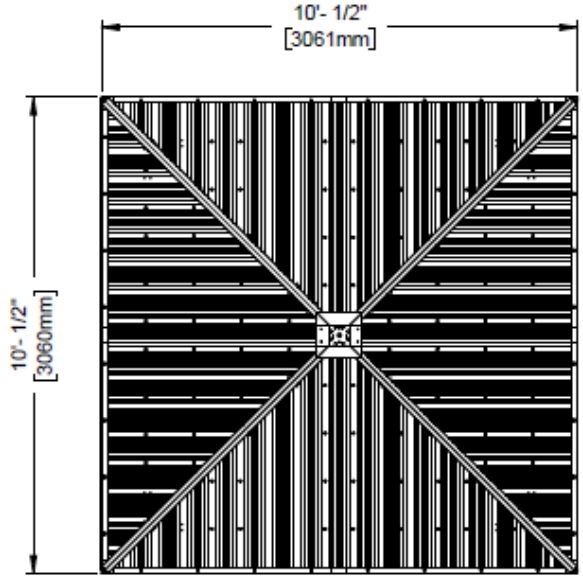
OWNER'S MANUAL - BASIC SETUP DIMENSIONS & ASSEMBLY NOTES

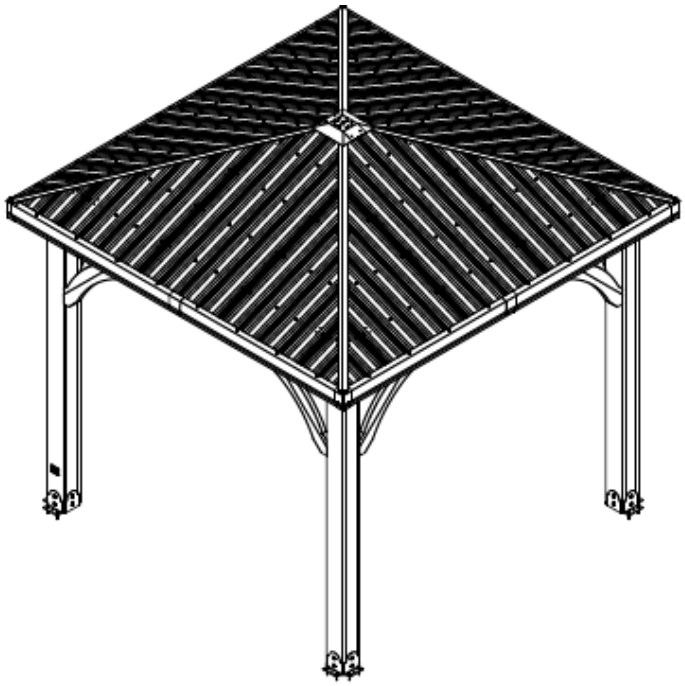
It is critically important that you start with square and level footings or concrete pad to attach your structure.

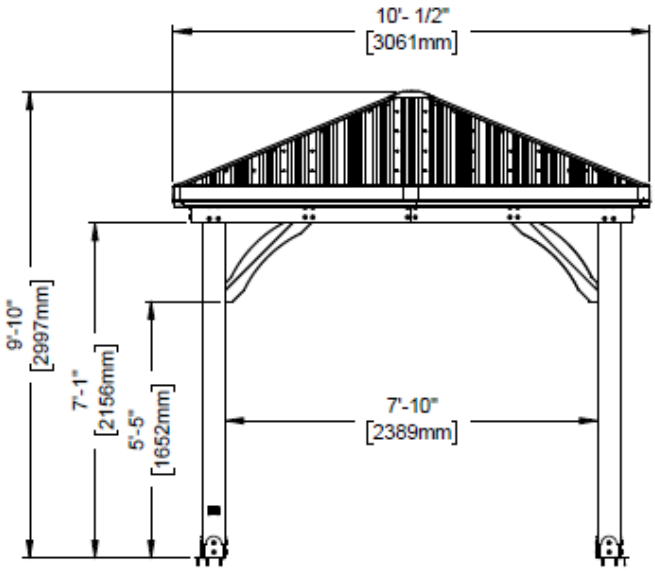
- Pay close attention to the items needed for each step. Make sure you are using the correct hardware for each step. using incorrecdt hardware may result in improper assembly
- Remember to double check for underground utilities and overhead electrical lines

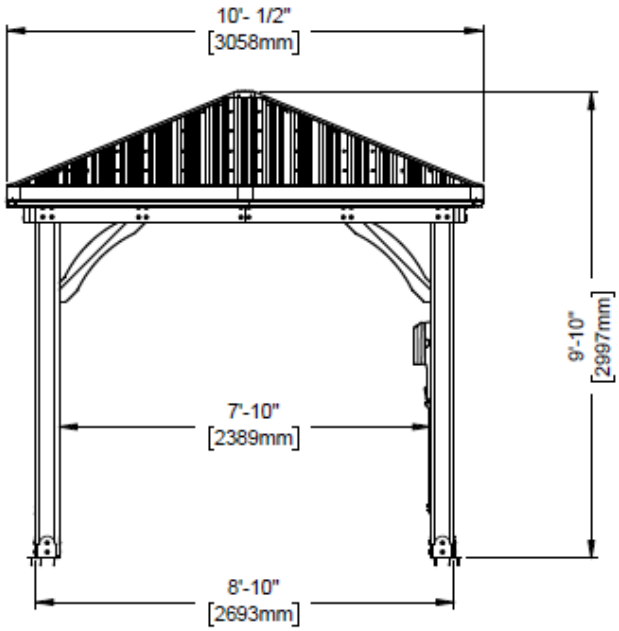
Post mounts are provided with your structure which allows you to permanently install your structure to a pre-existing or new wood concrete surface. See Anchor Instructions for further details and recommendations.

- The hardware to attach the post mounts to the structure is included.
- The hardware to mount the structure permanently to a concrete surface is included
- The hardware to mount the sctructure permanently to a wood deck is NOT included and will need to be purchased separately. You must ensure there is ample structural support under the deck before permanently attaching.

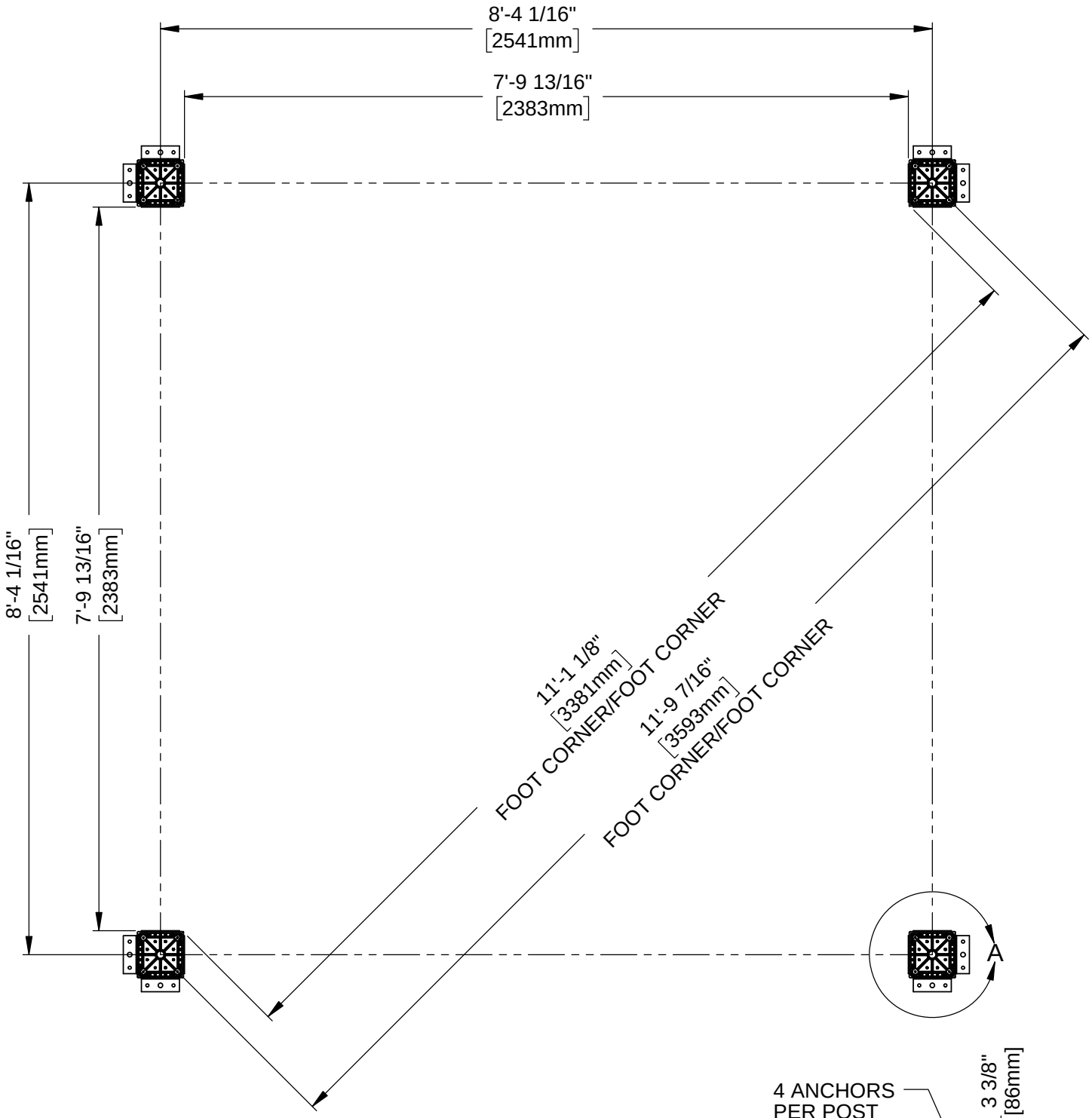




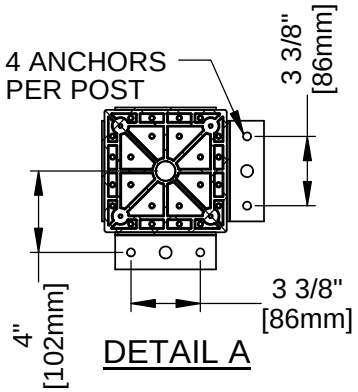




OWNER'S MANUAL - ANCHORING LAYOUT



NOTE: DIMENSIONS ARE TO ANCHOR PLATES MOUNTED TO POSTS EXCEPT WHERE NOTED.



DETAIL A

OWNER'S MANUAL - PART IDENTIFICATION

WOOD COMPONENTS (NOT TO SCALE)



C01 CORBEL - W2A03198
(x7) 1 7/16"x6 7/16"x35 1/8" (36x163x893)



C02 CORBEL W/TAG - W2A03199
(x1) 1 7/16"x6 7/16"x35 1/8" (36x163x784)



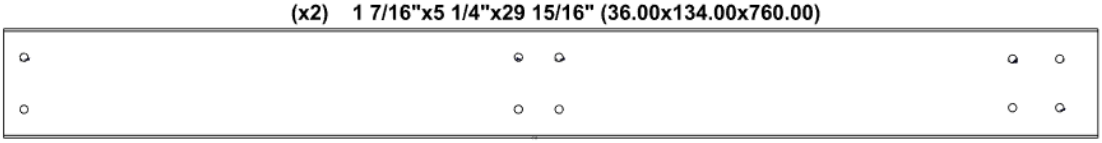
D01 BEAM - W4L20229
(x2) 1 7/16"x5 1/4"x27 1/16" (36x134x688)



D02 BEAM - W4L20230
(x2) 1 7/16"x5 1/4"xc81 3/4" (36x134x2077)



D03 BEAM - W4L20231
(x2) 1 7/16"x5 1/4"x29 15/16" (36.00x134.00x760.00)



D04 BEAM - W4L20232
(x4) 1 7/16"x5 1/4"x53" (36x134x1346)



D05 BEAM - W4L20233
(x4) 1 7/16"x5 1/4"x55 13/16" (36x134x1418)



D06 BEAM - W4L20236
(x2) 1 7/16"x5 1/4"x78 15/16" (36.00x134.00x2004.80)



E08 RAFTER - W4L16804
(x4) 1 7/16"x3 3/8"x57 1/2" (36x86x1460)



E09 RAFTER - W4L20727
(x4) 1 7/16"x3 3/8"x41 3/16" (36x86x1047)



E10 RAFTER - W4L16806
(x4) 1 7/16"x3 3/8"x20 3/4" (36x86x527)



E11 RAFTER - W4L20728
(x4) 36x86x1047 (36x86x1047)



E12 RAFTER - W4L16808
(x4) 1 7/16"x3 3/8"x20 3/4" (36x86x527)



H01 ROOF SUPPORT - W4L16781
(x4) 15/16"x3 3/8"x75 3/16" (24x86x1909)

OWNER'S MANUAL - PART IDENTIFICATION

WOOD COMPONENTS (NOT TO SCALE)



H02 ROOF JOIST - W4L20234
(x2) 15/16"x3 3/8"x79 1/4" (24x86x2013)



H03 ROOF JOIST - W4L20235
(x2) 15/16"x3 3/8"x79 1/4" (24x86x2013)



H11 ROOF JOIST - W4L16801
(x4) 15/16"x3 3/8"x12 15/16" (24x86x328)



H12 ROOF JOIST - W4L16802
(x2) 15/16"x3 3/8"x79 1/4" (24x86x2013)



H13 ROOF JOIST - W4L16803
(x2) 15/16"x3 3/8"x79 1/4" (24x86x2013)



H14 PURLIN - W4L16809
(x8) 15/16"x3 3/8"x50 13/16" (24x86x1290)



H15 PURLIN - W4L16810
(x4) 15/16"x3 3/8"x74 15/16" (24x86x1904)



H16 PURLIN - W4L16811
(x4) 15/16"x3 3/8"x50 11/16" (24x86x1288)



H17 PURLIN - W4L16812
(x4) 15/16"x3 3/8"x26 1/2" (24x86x673)



Q01 ROOF JOIST - W4L20228
(x4) 15/16"X4 7/16"X60 1/4" (24x112x1530)



Q02 ROOF JOIST - W4L16800
(x4) 15/16"4 7/16" (24x112x1554)



T02 PURLIN - W4L16813
(x4) 15/16"x1 5/16"x15" (24x34x382)



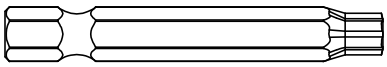
P01 POST - W2A03202
(x2) 6"x6"x89 1/2" (152x152x2274)



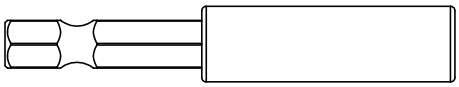
P02 POST - W2A03203
(x2) 6"x6"x89 1/2" (152x152x2274)

Owner's Manual - Parts Identification

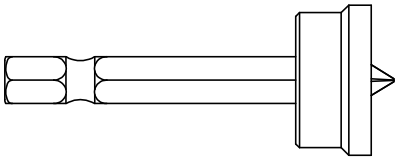
Hardware Components



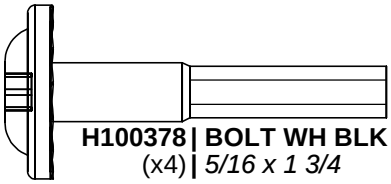
H100147 | TORX BIT
(x1) T-30



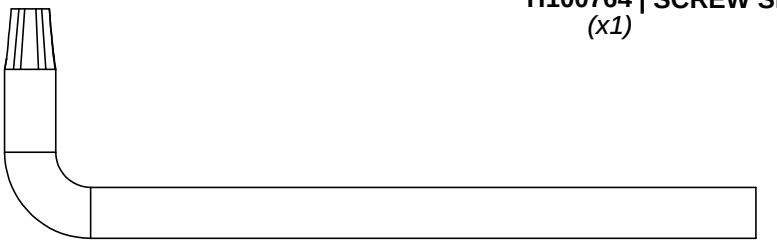
H101100 | MAGNETIC DRIVER
(x1)



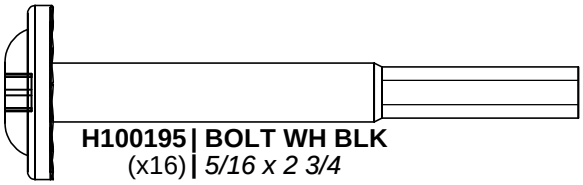
H100764 | SCREW SETTER
(x1)



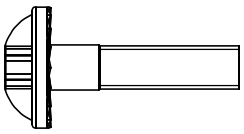
H100378 | BOLT WH BLK
(x4) | *5/16 x 1 3/4*



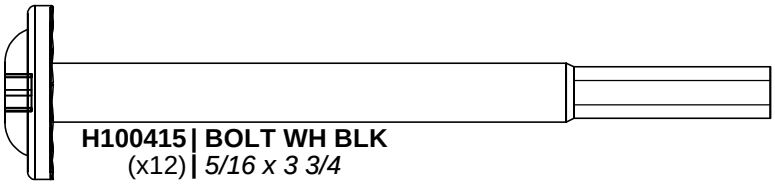
H100114 | TORX WRENCH
(x1) | *T-30*



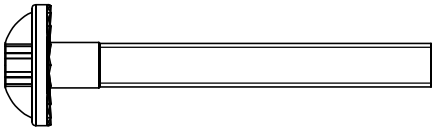
H100195 | BOLT WH BLK
(x16) | *5/16 x 2 3/4*



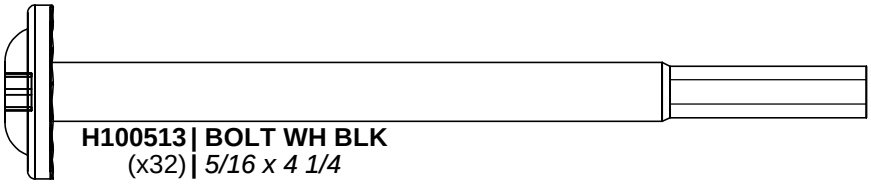
H100171 | BOLT WH BLK
(x32) | *1/4 x 1*



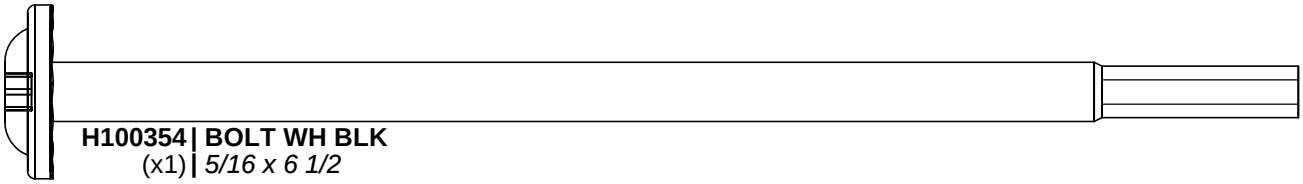
H100415 | BOLT WH BLK
(x12) | *5/16 x 3 3/4*



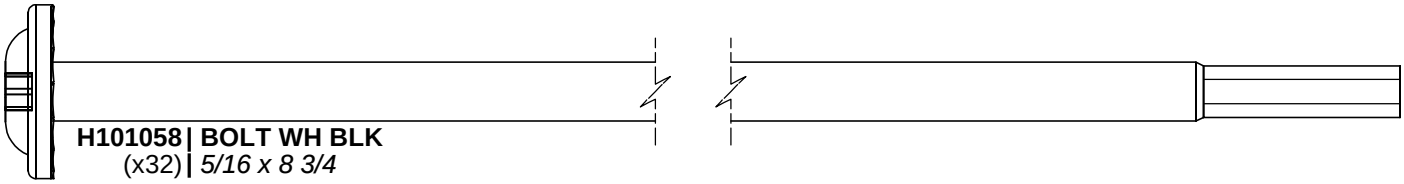
H100488 | BOLT WH BLK
(x12) | *1/4 x 2*



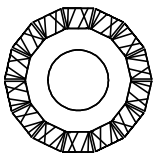
H100513 | BOLT WH BLK
(x32) | *5/16 x 4 1/4*



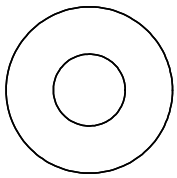
H100354 | BOLT WH BLK
(x1) | *5/16 x 6 1/2*



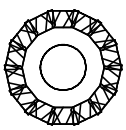
H101058 | BOLT WH BLK
(x32) | *5/16 x 8 3/4*



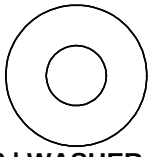
H100198 | WASHER LOCK EXT BLK
(x96) | 8 x 19



H100770 | WASHER FLAT BLK
(x12) | 9.5 *x 22*



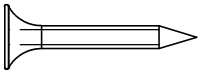
H100405 | WASHER LOCK EXT BLK
(x8) | 6 x 15



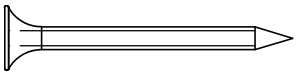
H100630 | WASHER FLAT BLK
(x28) | *8 x 19*

Owner's Manual - Parts Identification

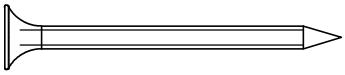
Hardware Components



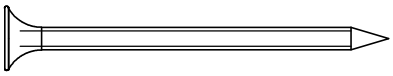
H100385 | SCREW PFH BLK
(x28) | *8 x 1*



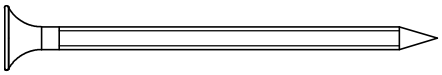
H100200 | SCREW PFH BLK
(x16) | *8 x 1 1/2*



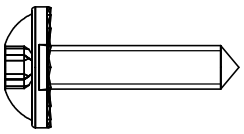
H100382 | SCREW PFH BLK
(x16) | *8 x 1 3/4*



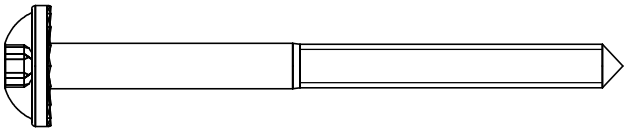
H100391 | SCREW PFH BLK
(x160) | *8 x 2*



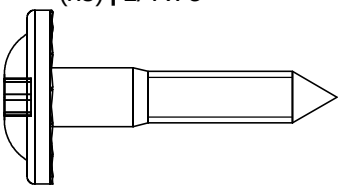
H100483 | SCREW PFH BLK
(x32) | *8 x 2 1/4*



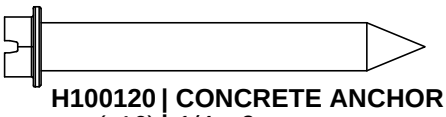
H100460 | LAG SCREW WH BLK
(x16) | *1/4 x 1*



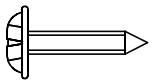
H100792 | LAG SCREW WH BLK
(x8) | *1/4 x 3*



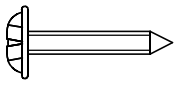
H100471 | LAG SCREW WH BLK
(x32) | *5/16 x 1 1/2*



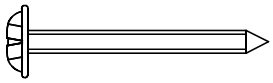
H100120 | CONCRETE ANCHOR
(x16) | *1/4 x 2*



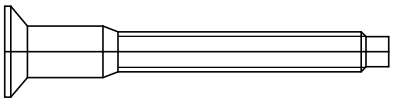
H100202 | SCREW PWH BLK
(x4) | *8 x 5/8*



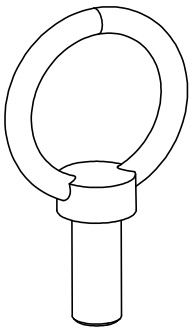
H100392 | SCREW PWH BLK
(x16) | *8 x 3/4*



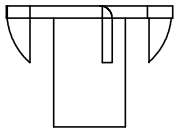
H100536 | SCREW PWH BLK
(x24) | *8 x 1 1/4*



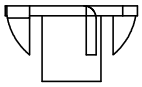
H101030 | CONFIRMAT SCREW
(x80) | 7 X 2



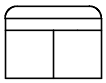
H101285 | EYE NUT
(x1) | 5/16-18 X 3/4"DIA.



H100379 | T-NUT BLK
(x84) | *5/16*



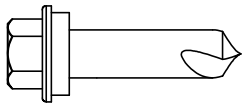
H100398 | T-NUT BLK
(x32) | 1/4



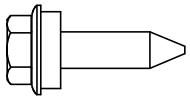
H100479 | NUT LOCK BLK
(x13) | *5/16*



H100653 | NUT LOCK BLK
(x12) | 1/4



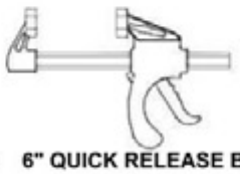
H100759 | SCREW TAPPING
(x40) | 1/4 x 1



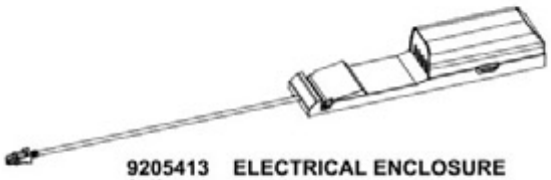
H100833 | SCREW WOODGRIP
(x192) | 10-16X3/4"

OWNER'S MANUAL - PART IDENTIFICATION

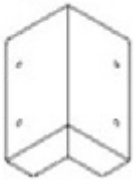
ACCESSORY COMPONENTS (NOT TO SCALE)



A6P00460 6" QUICK RELEASE BAR CLAMP
(x2)



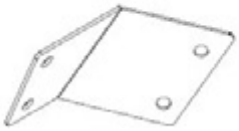
9205413 ELECTRICAL ENCLOSURE
(x1)



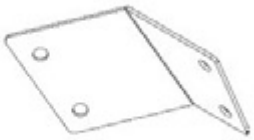
A4M01185 CORNER BRACKET
(x4)



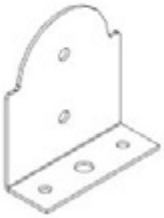
A4M01228 RAFTER CLIP
(x12)



A4M01664 PANEL BRACKET
(x4)



A4M01665 PANEL BRACKET
(x4)



A4M01793 POST ANCHORING PLATE
(x8)



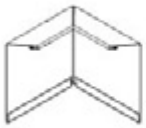
A4M01794 POST PLATE
(x8)



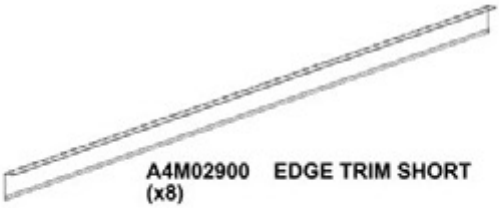
A4M02158 BYD ID TAG PATIO
(x1)



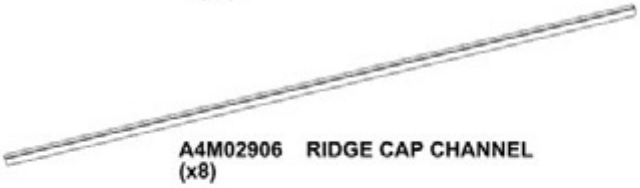
A4M02822 Trim Splice
(x4)



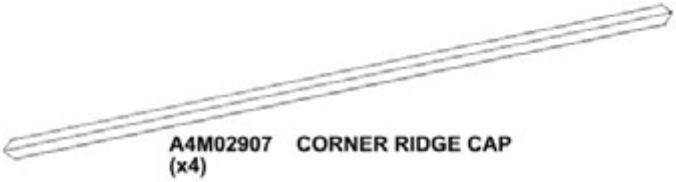
A4M02825 EDGE TRIM CORNER SPLICE
(x4)



A4M02900 EDGE TRIM SHORT
(x8)



A4M02906 RIDGE CAP CHANNEL
(x8)



A4M02907 CORNER RIDGE CAP
(x4)



A4M03410 DRIP EDGE SPLICE
(x4)



A4M01908 METAL SPACER
(x1)

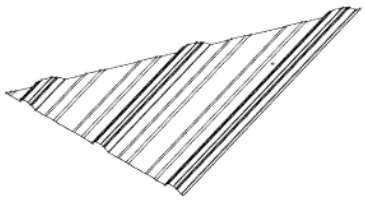


A4M03442 DRIP EDGE
(x8)

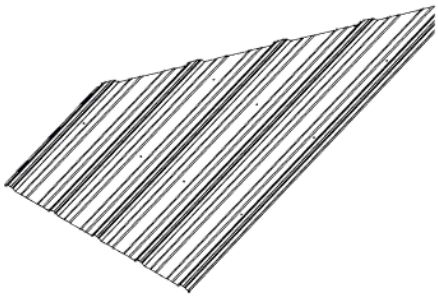


A6P00308 6x6 POST FOOT
(x4)

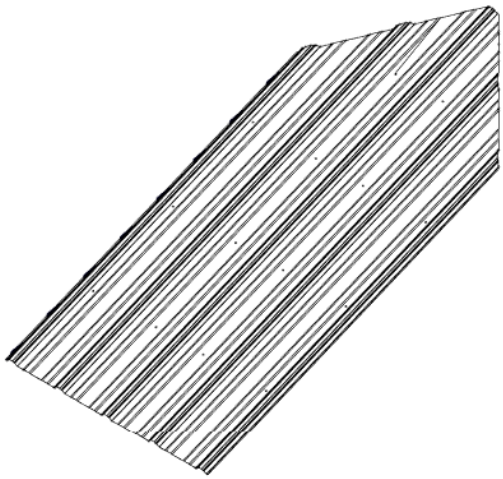
OWNER'S MANUAL - PART IDENTIFICATION



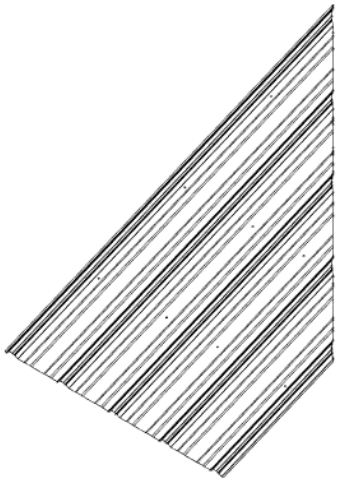
A4M03439-01 29GA STEEL SHEETING
(x4)



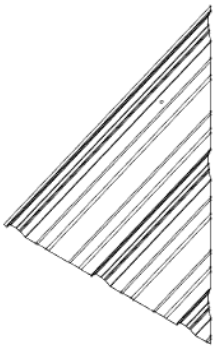
A4M03439-02 29GA STEEL SHEETING
(x4)



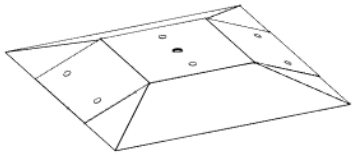
A4M02901-2 29 GA STEEL SHEETING
(x4)



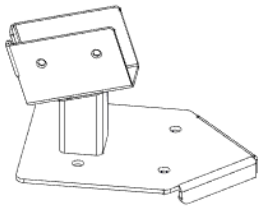
A4M03440-02 29GA STEEL SHEETING
(x4)



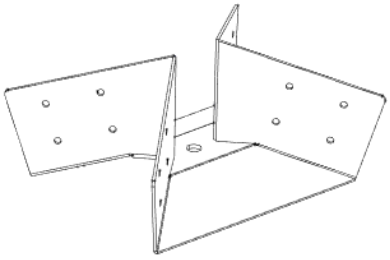
A4M03440-01 29GA STEEL SHEETING
(x4)



A4M01907 PEAK RIDGE CAP
(x1)



A4M01234 POST CLIP ASSY
(x4)



A4M01901 PANEL SUPPORT BRACKET
(x1)

PRE-ASSEMBLY STEP 1 - SORTING PARTS

It is critical for ease of assembly that you take the time to sort and organize the wood and hardware.

WOOD PARTS:

- **Organize wood parts by the three-digit, alpha-numeric number stamped on each board (ex. P01).**
- **If there are multiple boards with the same stamped number, stack those pieces together.**
- **Stamps can be found on the flat surface of the boards or on the end of the boards.**
- **Allow yourself plenty of room - the wood pieces can take up a significant amount of space.**

NOTE: CARTONS ARE NOT ORGANIZED BY BOARD OR STEP NUMBER.



HARDWARE PARTS:

- **We recommend that you have a separate table to organize the hardware.**
- **Hardware bags are printed with a seven-digit, alpha-numeric part number.**
- **You can organize your hardware by part number or group by hardware type (e.g. bolts, nuts, etc.).**
- **During assembly you only need to reference the last four digits of the number.**



PRE-ASSEMBLY STEP 2 - TOOLS REQUIRED



Cordless Drill or Electric Drill



Drill Attachments: Phillips Head



1/8" & 3/8" Drill Bits



Phillips Screw Driver



Tape Measure



Claw Hammer



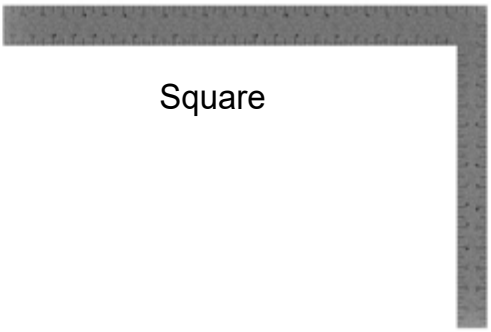
Open End Wrenches 1/2" & 7/16"



3/8" Drive Ratchet, 1/2" & 7/16" STD Sockets, 1/2" & 7/16" Deep Sockets



Rubber Mallet - Optional



Square



Level 24"

PRE-ASSEMBLY STEP 3 - CHOOSE YOUR ASSEMBLY METHOD

There are several types of assembly instructions available to you.

1. Printed Assembly Manual included with your set
2. BILT APP - 3D interactive instructions
3. Combination of the Printed Manual and BILT APP (Note: Step numbers can differ between the two methods)



STEP 1- POST ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
8	H100200	SCREW PFH 8x1 1/2 BLK



P01 POST - W2A03202
(x1) 6"x6"x89 1/2" (152x152x2274)

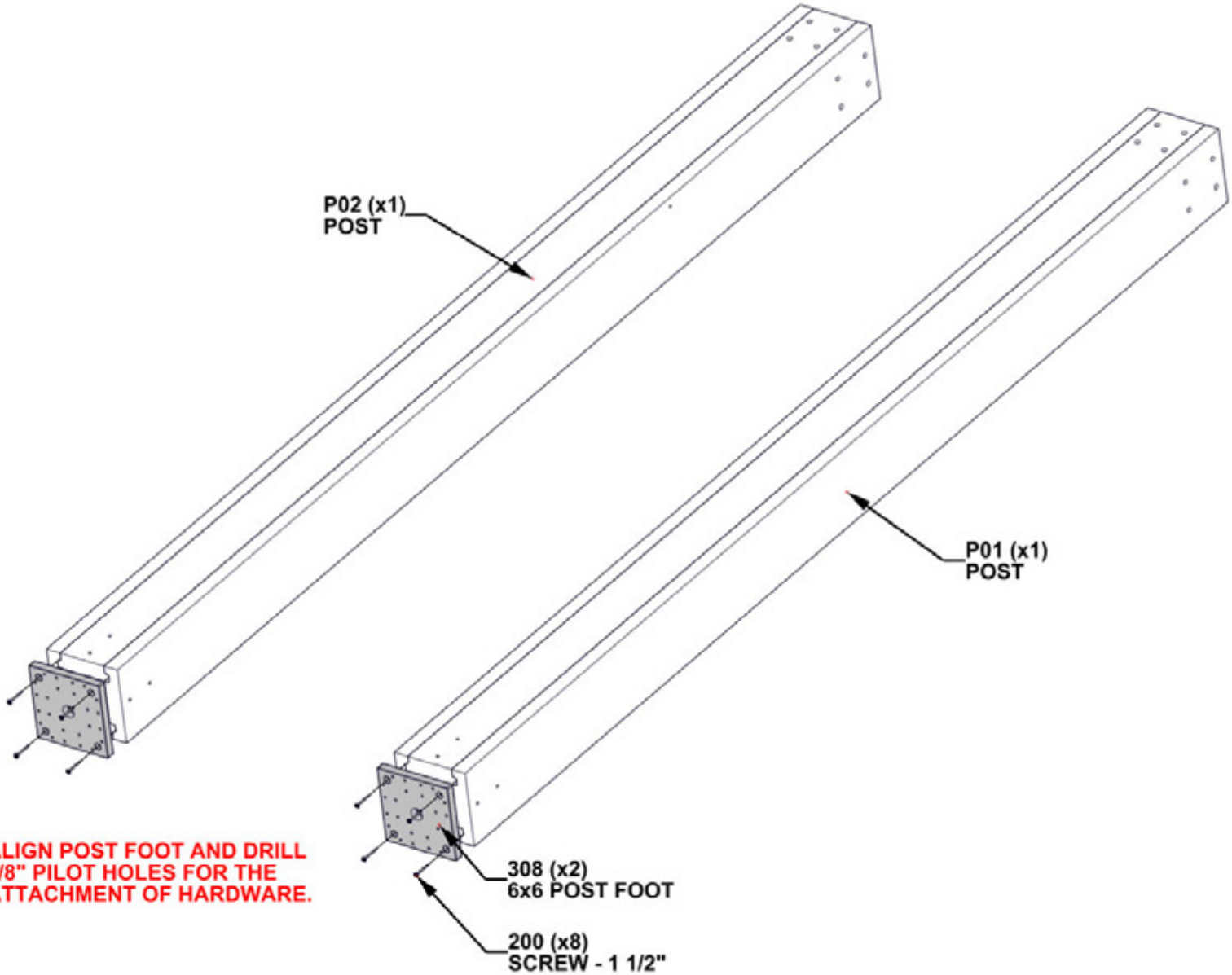


P02 POST - W2A03203
(x1) 6"x6"x89 1/2" (152x152x2274)



A6P00308 6x6 POST FOOT
(x2)

- FOR EASE OF ASSEMBLY, SAW HORSES ARE RECOMMENDED FOR POST AND BEAM ASSEMBLIES.



STEP 2 - 112" BEAM ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
4	H100195	BOLT WH 5/16x2 3/4 BLK
4	H100198	WASHER LOCK EXT 8x19
4	H100379	TNUT-5/16" BLK

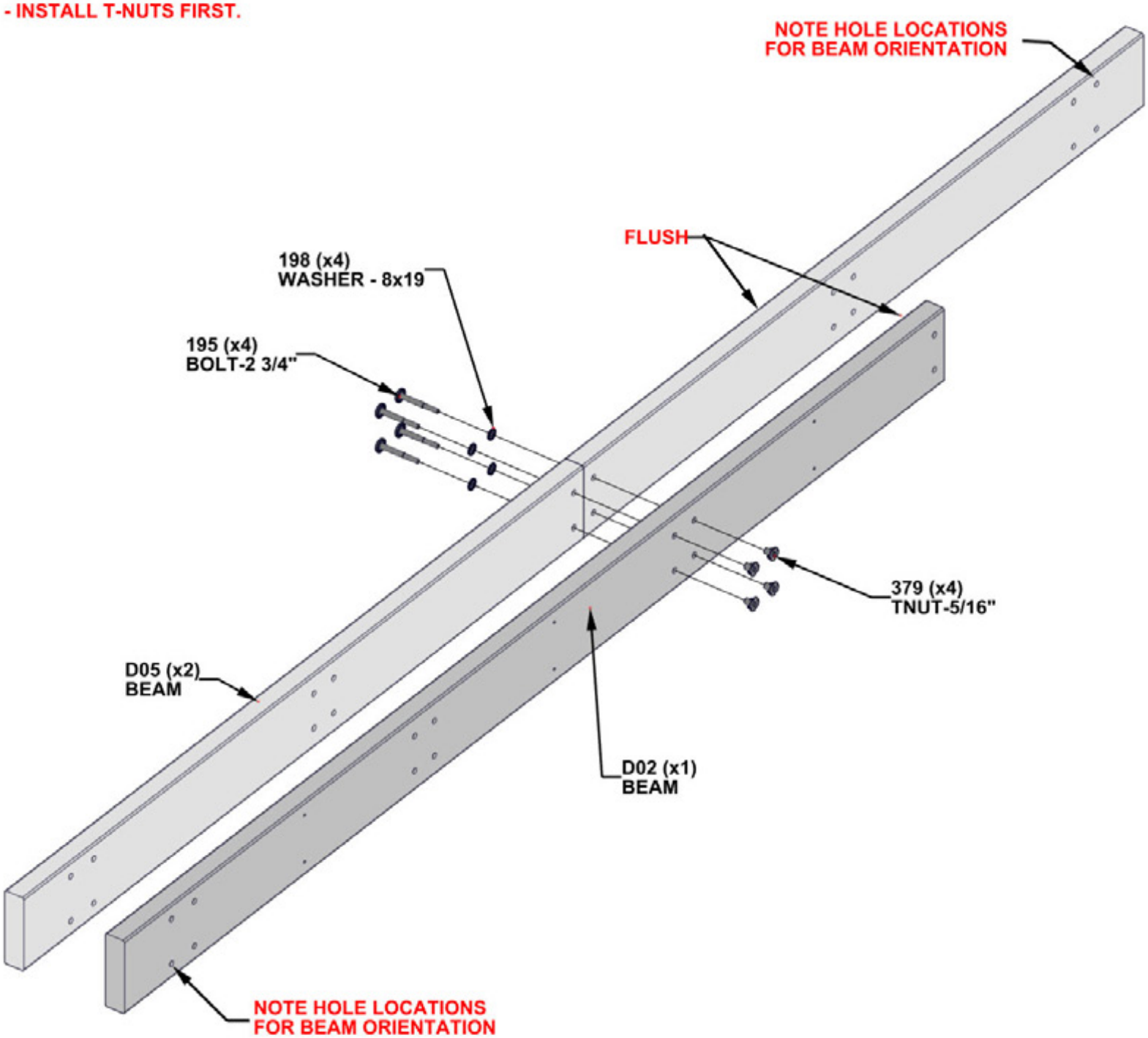


D02 BEAM - W4L20230
(x1) 1 7/16"x5 1/4"xc81 3/4" (36x134x2077)



D05 BEAM - W4L20233
(x2) 1 7/16"x5 1/4"x55 13/16" (36x134x1418)

- INSTALL T-NUTS FIRST.



STEP 3 - 112" BEAM ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
8	H100198	WASHER LOCK EXT 8x19
8	H100379	TNUT-5/16" BLK
8	H100513	BOLT WH 5/16x4 1/4 BLK



C01 CORBEL - W2A03198
(x1) 1 7/16"x6 7/16"x35 1/8" (36x163x784)

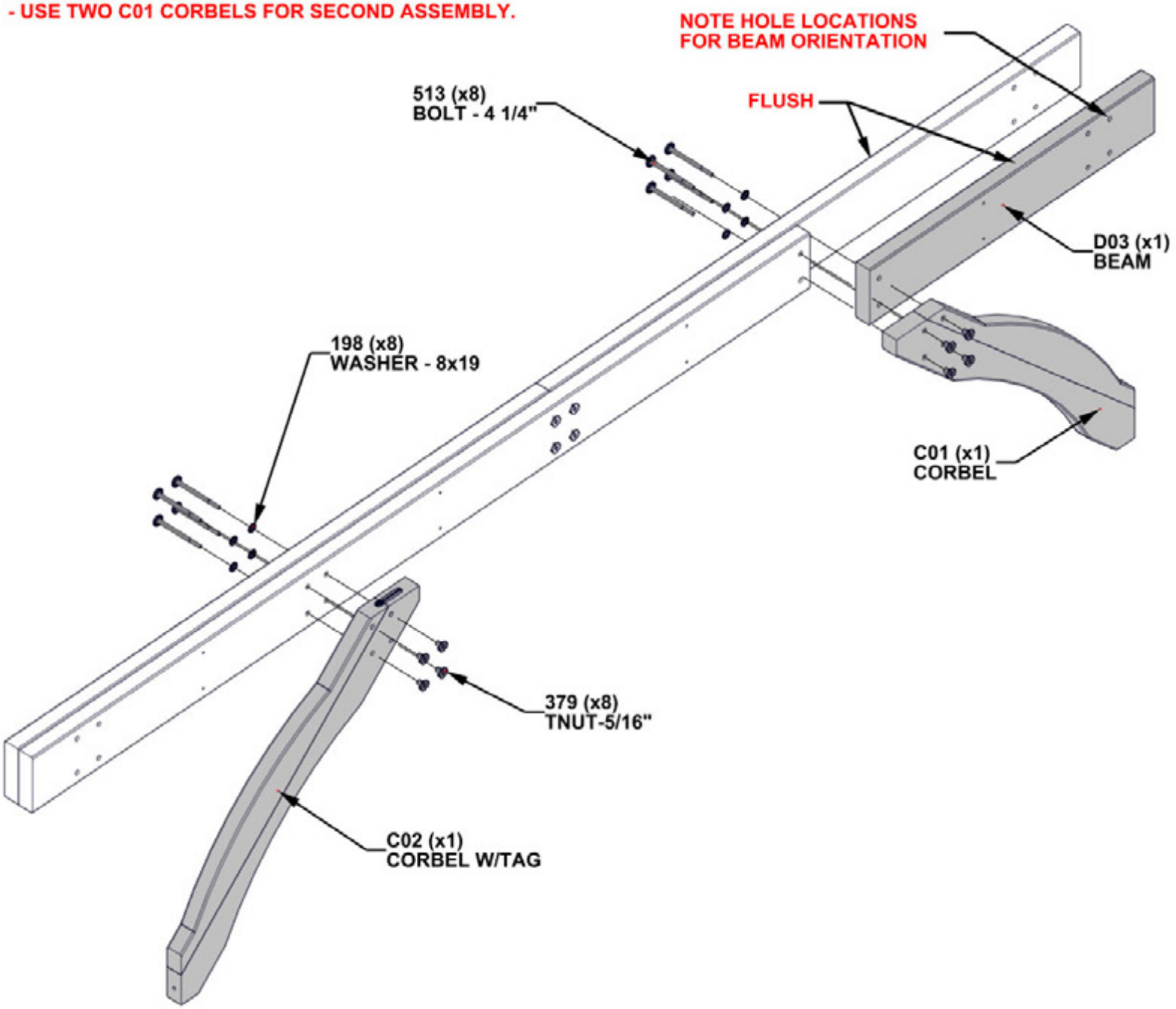


C02 CORBEL W/TAG - W2A03199
(x1) 1 7/16"x6 7/16"x35 1/8" (36x163x784)



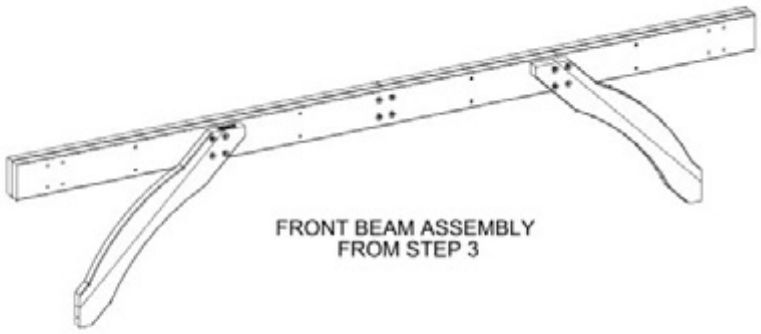
D03 BEAM - W4L20231
(x1) 1 7/16"x5 1/4"x29 15/16" (36x134x760)

- INSTALL T-NUTS FIRST.
- USE TWO C01 CORBELS FOR SECOND ASSEMBLY.

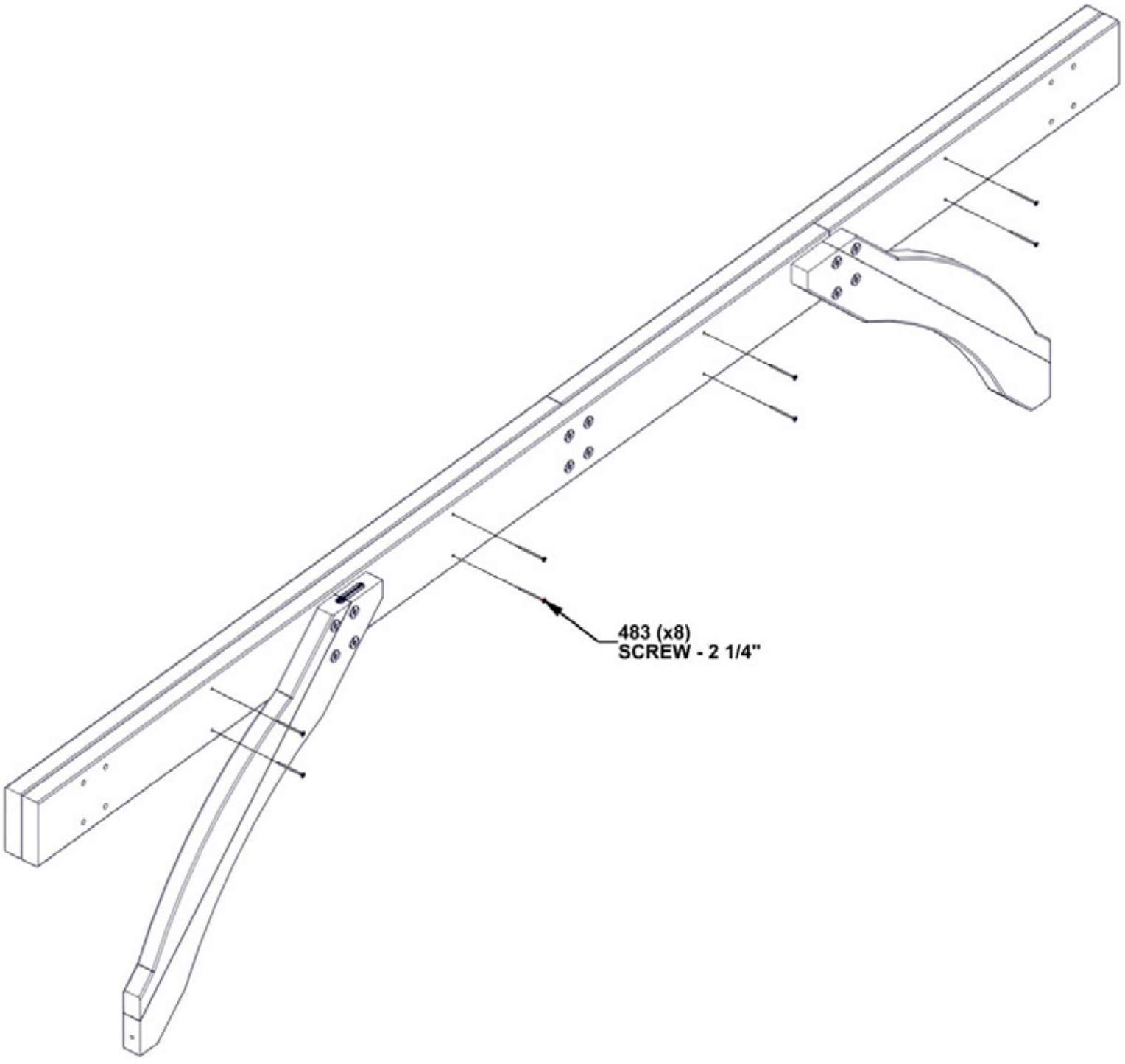


STEP 4 - 112" BEAM ASSEMBLY

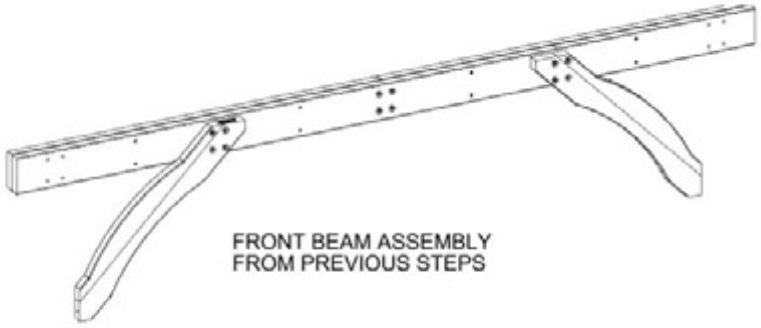
QTY	PART NUMBER	DESCRIPTION
8	H100483	SCREW PFH 8x2 1/4 BLK



FRONT BEAM ASSEMBLY
FROM STEP 3



STEP 5 - 112" BEAM & POST ASSEMBLY



QTY	PART NUMBER	DESCRIPTION
8	H100198	WASHER LOCK EXT 8x19
8	H100379	TNUT-5/16" BLK
2	H100405	WASHER LOCK EXT 6x15
2	H100792	LAG SCREW WH 1/4x3 BLK
8	H101058	BOLT WH 5/16x8 3/4 BLK

- INSTALL T-NUTS FIRST.
- INSERT BOLTS BEFORE LAG SCREWS.
- TO AVOID SPLITTING, MAKE SURE LAG SCREWS GO INTO PILOT HOLES.

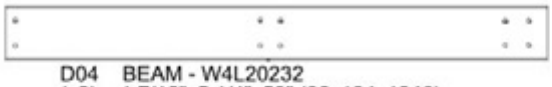
REPEAT PREVIOUS STEPS 1 – 5 TO BUILD SECOND 112” BEAM & POST ASSEMBLY

STEP 6 - 106" BEAM ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
4	H100195	BOLT WH 5/16x2 3/4 BLK
4	H100198	WASHER LOCK EXT 8x19
4	H100379	TNUT-5/16" BLK

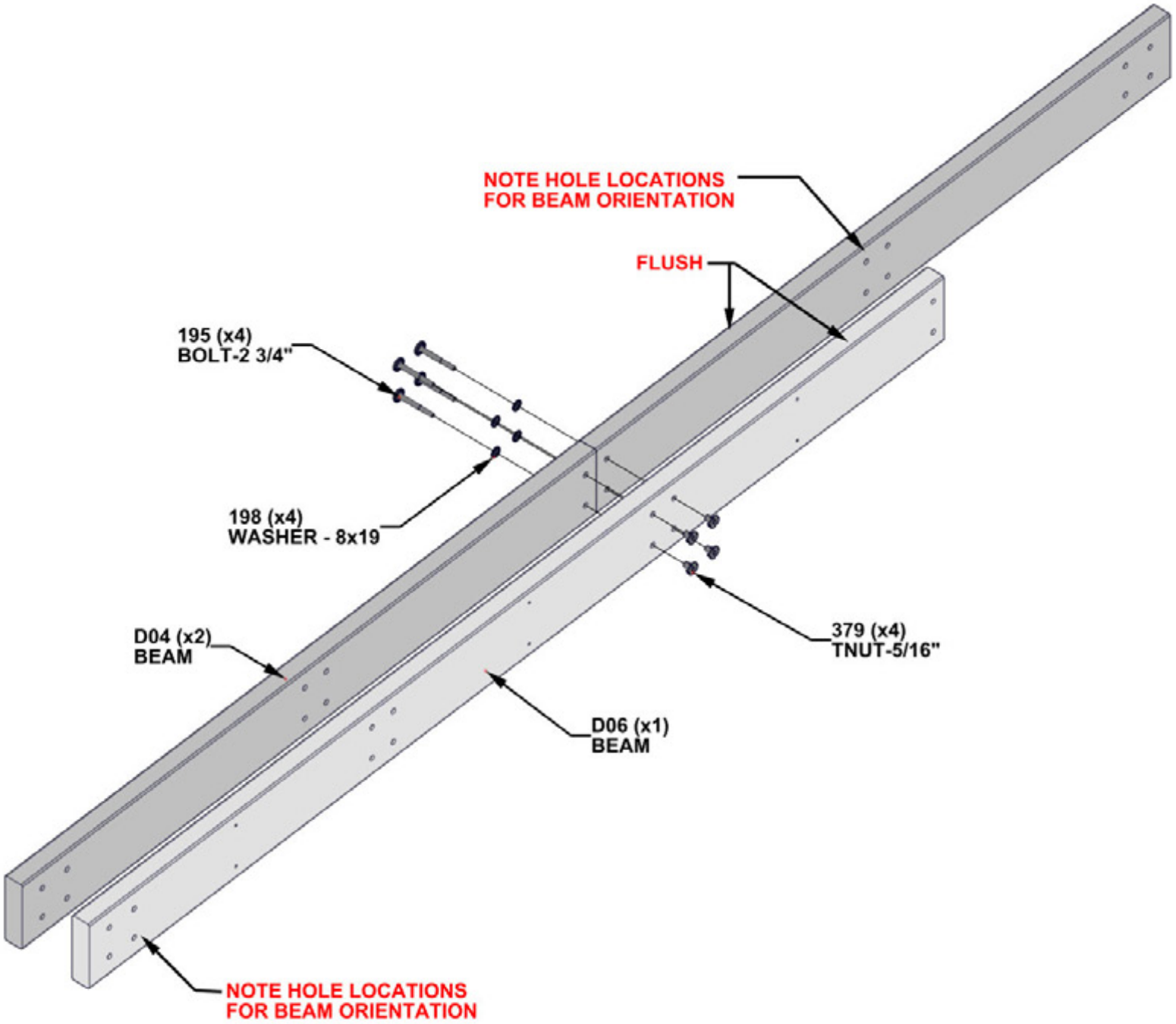


D06 BEAM - W4L20236
(x1) 1 7/16"x5 1/4"x78 15/16" (36.00x134.00x2004.80)



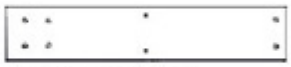
D04 BEAM - W4L20232
(x2) 1 7/16"x5 1/4"x53" (36x134x1346)

- INSTALL T-NUTS FIRST.



STEP 7 - 106" BEAM ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
8	H100198	WASHER LOCK EXT 8x19
8	H100379	TNUT-5/16" BLK
8	H100513	BOLT WH 5/16x4 1/4 BLK

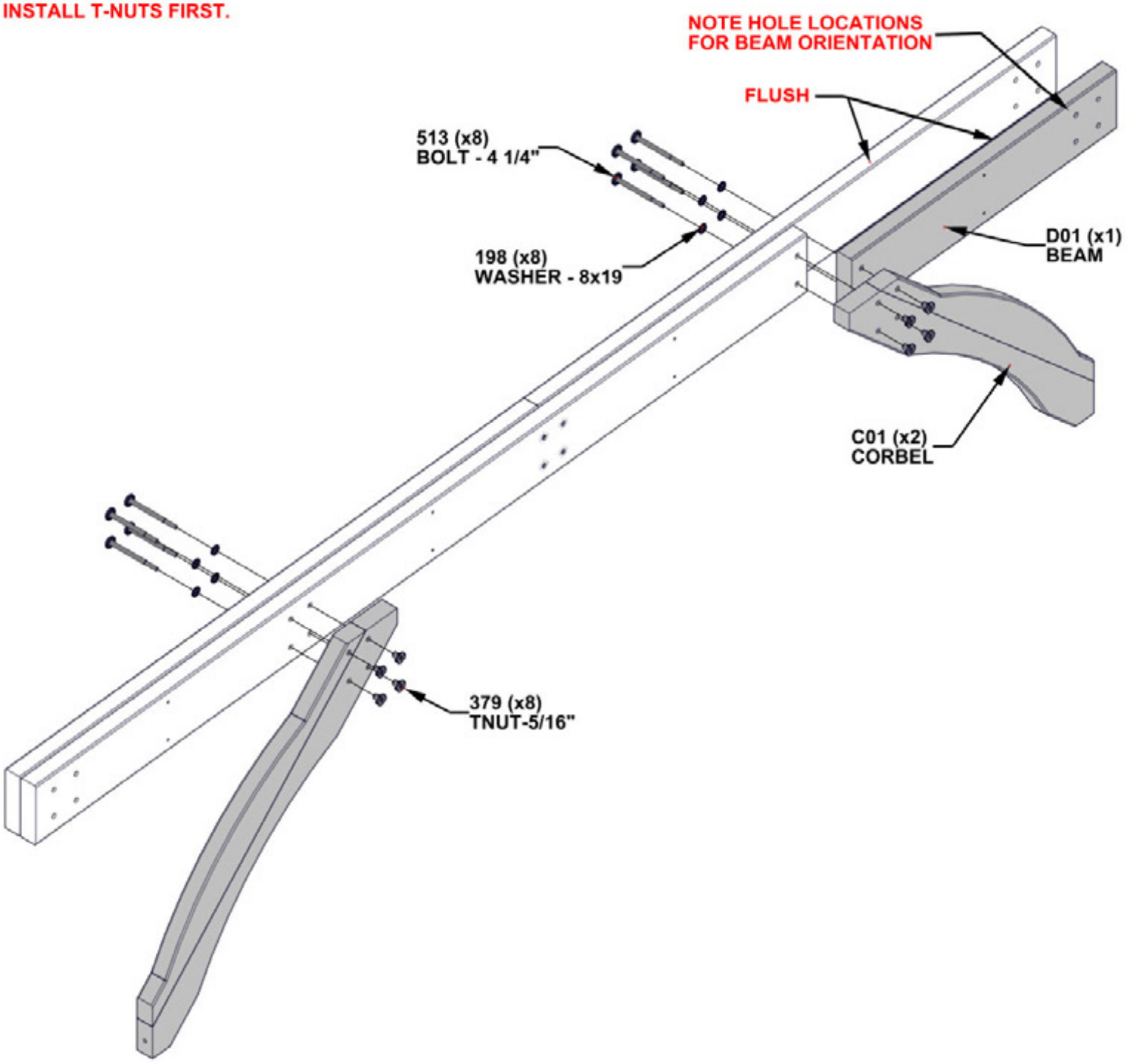


D01 (x1) BEAM - W4L20229
1 7/16"x5 1/4"x27 1/16" (36x134x688)



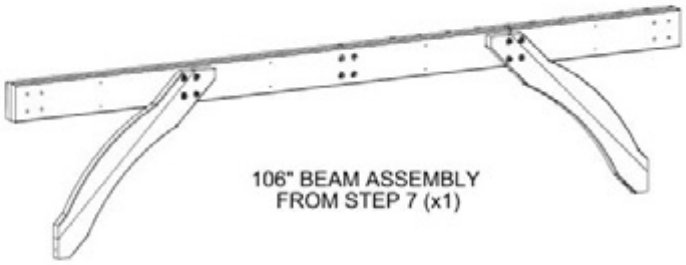
C01 (x2) CORBEL - W2A03198
1 7/16"x6 7/16"x35 1/8" (36x163x784)

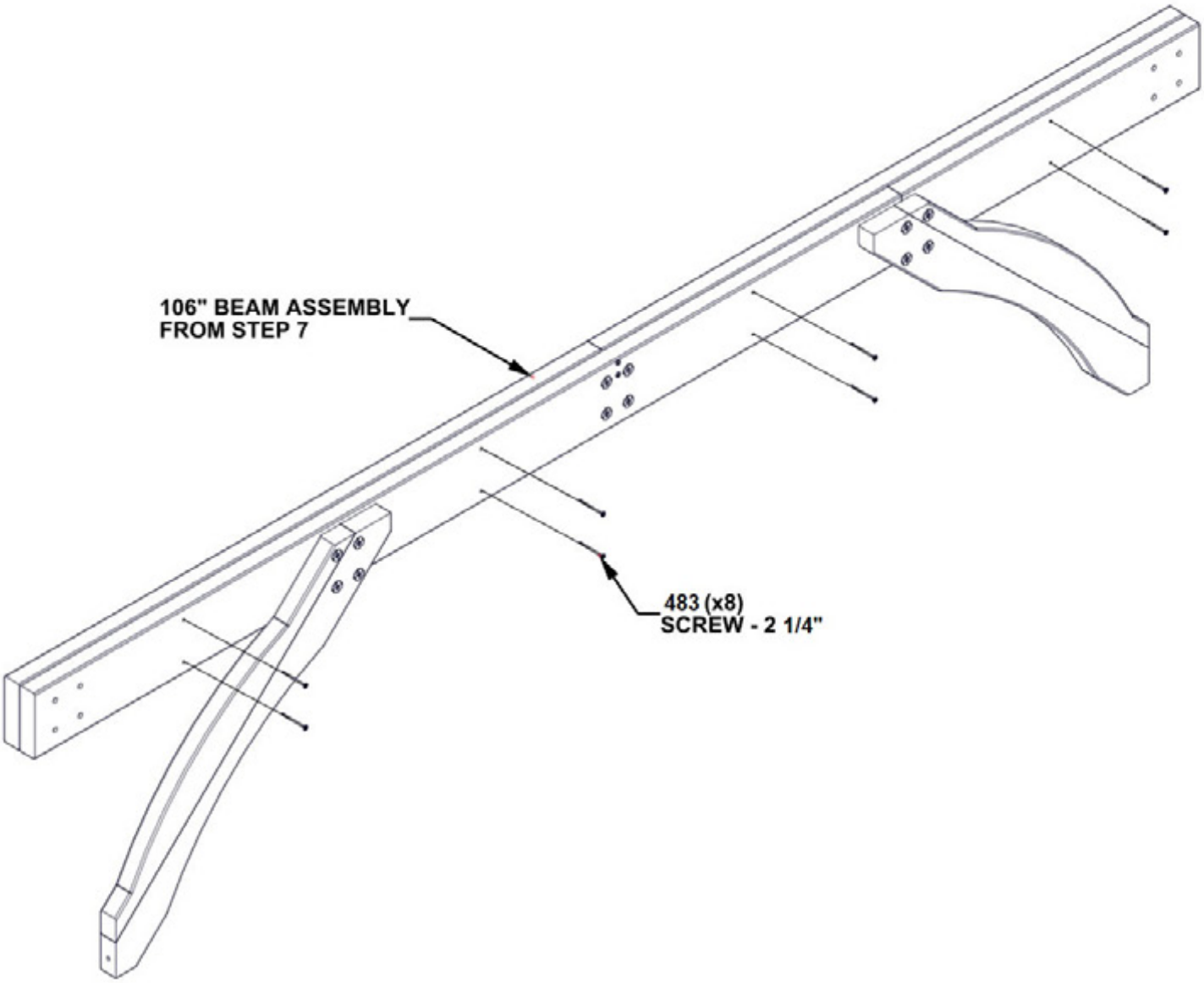
- INSTALL T-NUTS FIRST.



STEP 8 - 106" BEAM ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
8	H100483	SCREW PFH 8x2 1/4 BLK

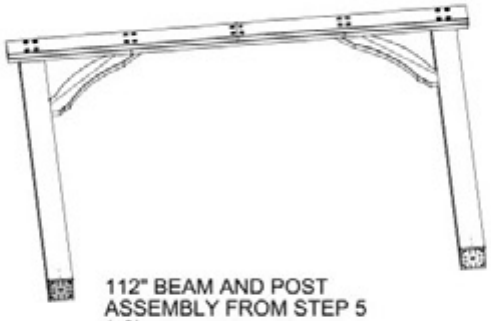




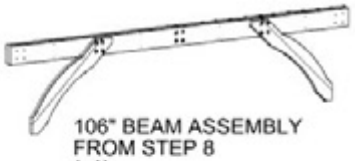
REPEAT PREVIOUS STEPS 6 – 8 TO BUILD SECOND 106” BEAM

STEP 9 - GAZEBO ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
8	H100198	WASHER LOCK EXT 8x19
8	H100379	TNUT-5/16" BLK
2	H100405	WASHER LOCK EXT 6x15
2	H100792	LAG SCREW WH 1/4x3 BLK
8	H101058	BOLT WH 5/16x8 3/4 BLK

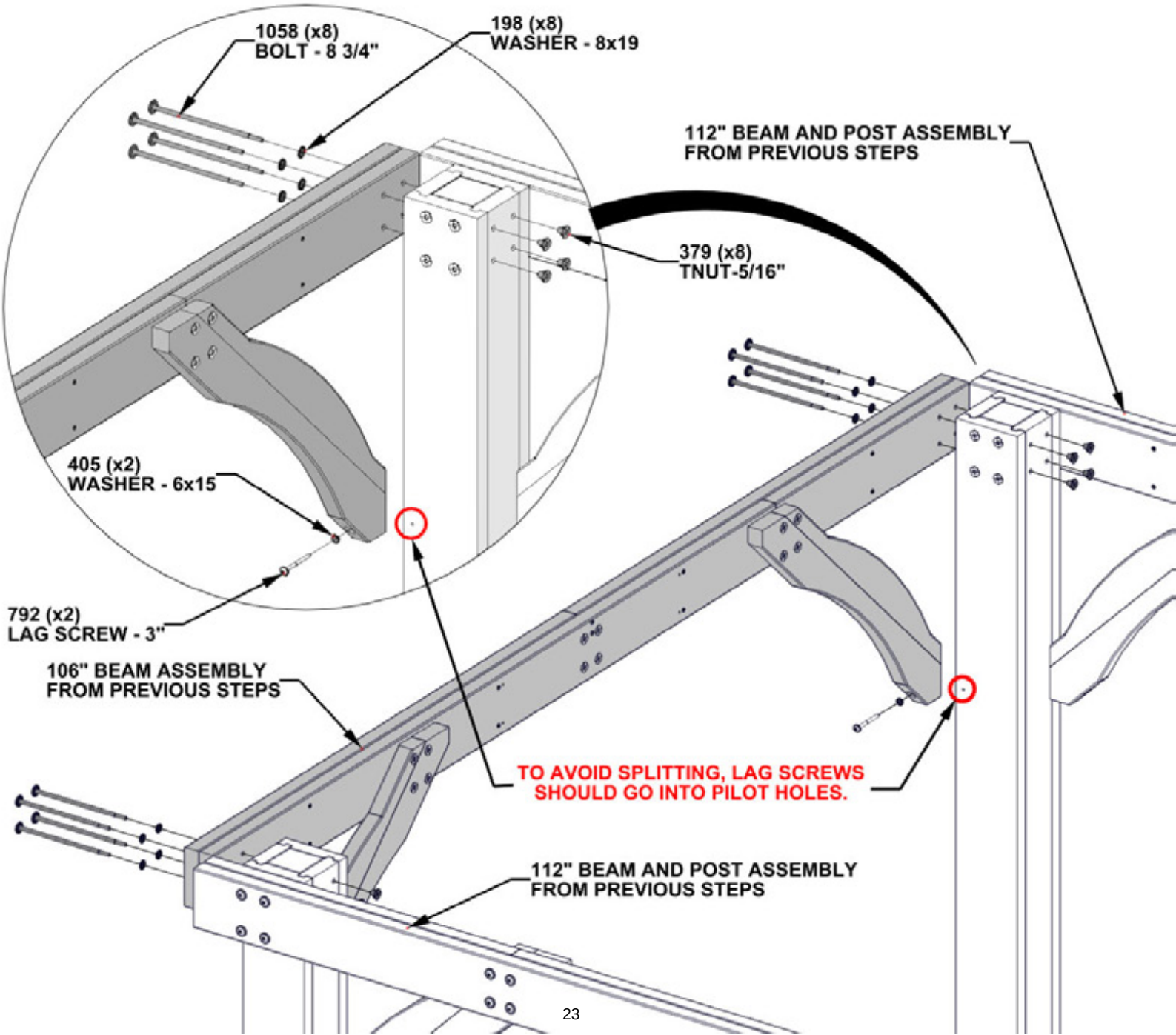


112" BEAM AND POST ASSEMBLY FROM STEP 5 (x2)



106" BEAM ASSEMBLY FROM STEP 8 (x1)

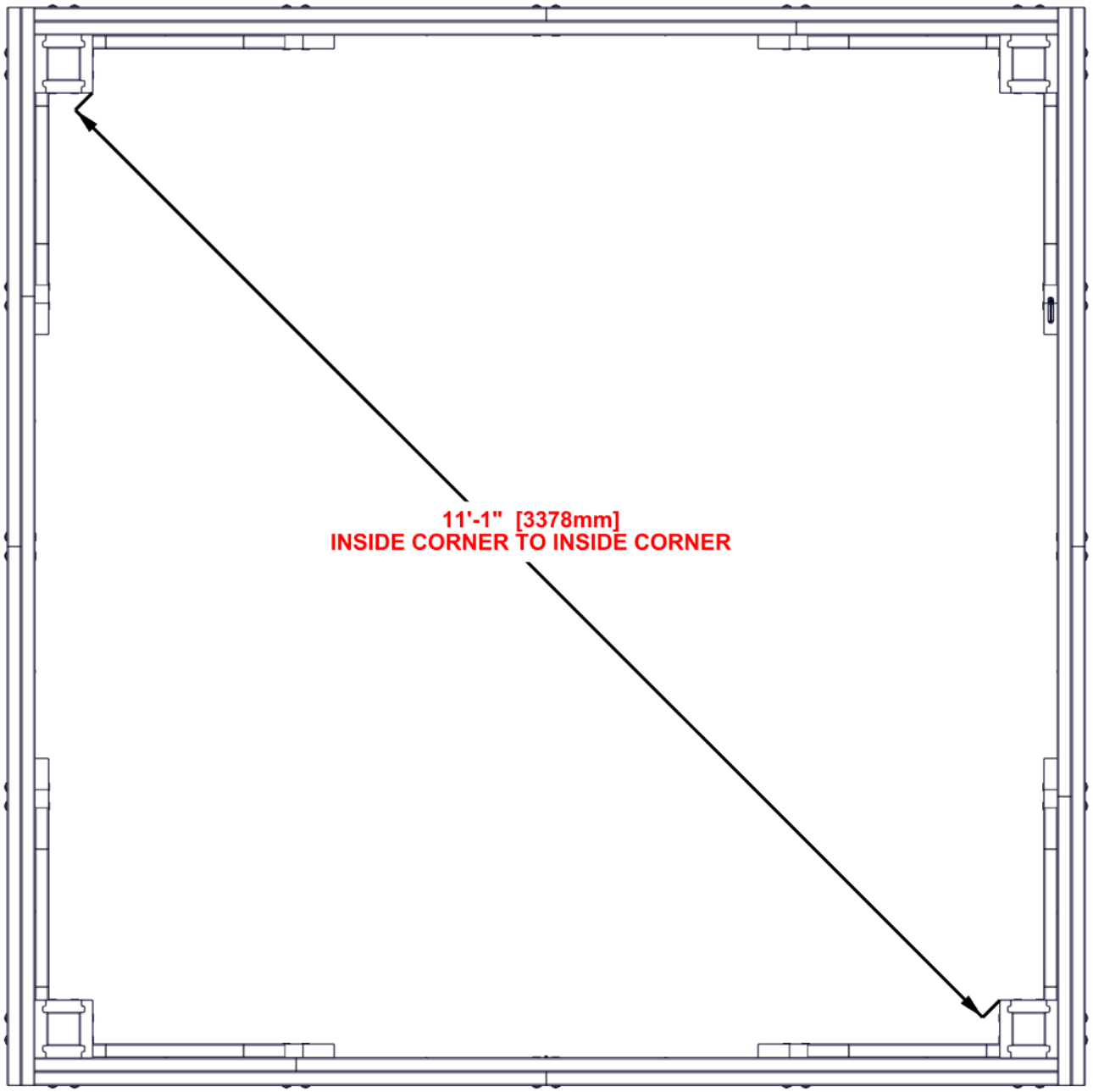
- INSTALL T-NUTS FIRST.
- HAND TIGHTEN ONLY.
- 3 PEOPLE ARE HELPFUL FOR THIS STEP.
- MOVE THE POST ASSEMBLIES TO THEIR FINAL LOCATION WITH SOMEONE HOLDING EACH ASSEMBLY UPRIGHT.
- USING A THIRD PERSON, CONNECT THE 106" BEAM ASSEMBLY TO THE POSTS TO MAKE THE GAZEBO FRAME.



REPEAT PREVIOUS STEP 9 TO ATTACH SECOND 106" BEAM ASSEMBLY TO POST ASSEMBLIES

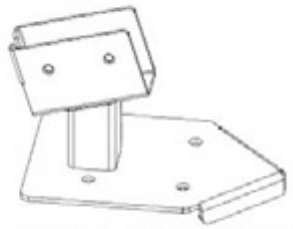
STEP 10 - SQUARE ASSEMBLY

**CRITICAL: SQUARE UNIT BEFORE PROCEEDING TO NEXT STEPS.
ONCE SQUARE, TIGHTEN ALL HARDWARE.**



STEP 11 - ROOF SUPPORT ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
16	H100460	LAG SCREW WH 1/4x1 BLK



A4M01234 POST CLIP ASSY
(x4)

- REPEAT ON ALL FOUR POST.
- DO NOT OVERTIGHTEN.

460 (x16)
LAG SCREW - 1"

1234 (x4)
POST CLIP ASSY

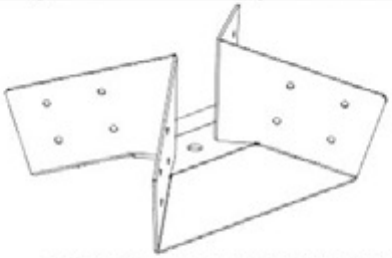
POST CLIPS MUST BE
FLUSH TO POST BEFORE
ATTACHING SCREWS.

STEP 12 - ROOF SUPPORT ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
4	H100379	T-NUT 5/16 BLK
16	H100385	SCREW PFH 8x1 BLK

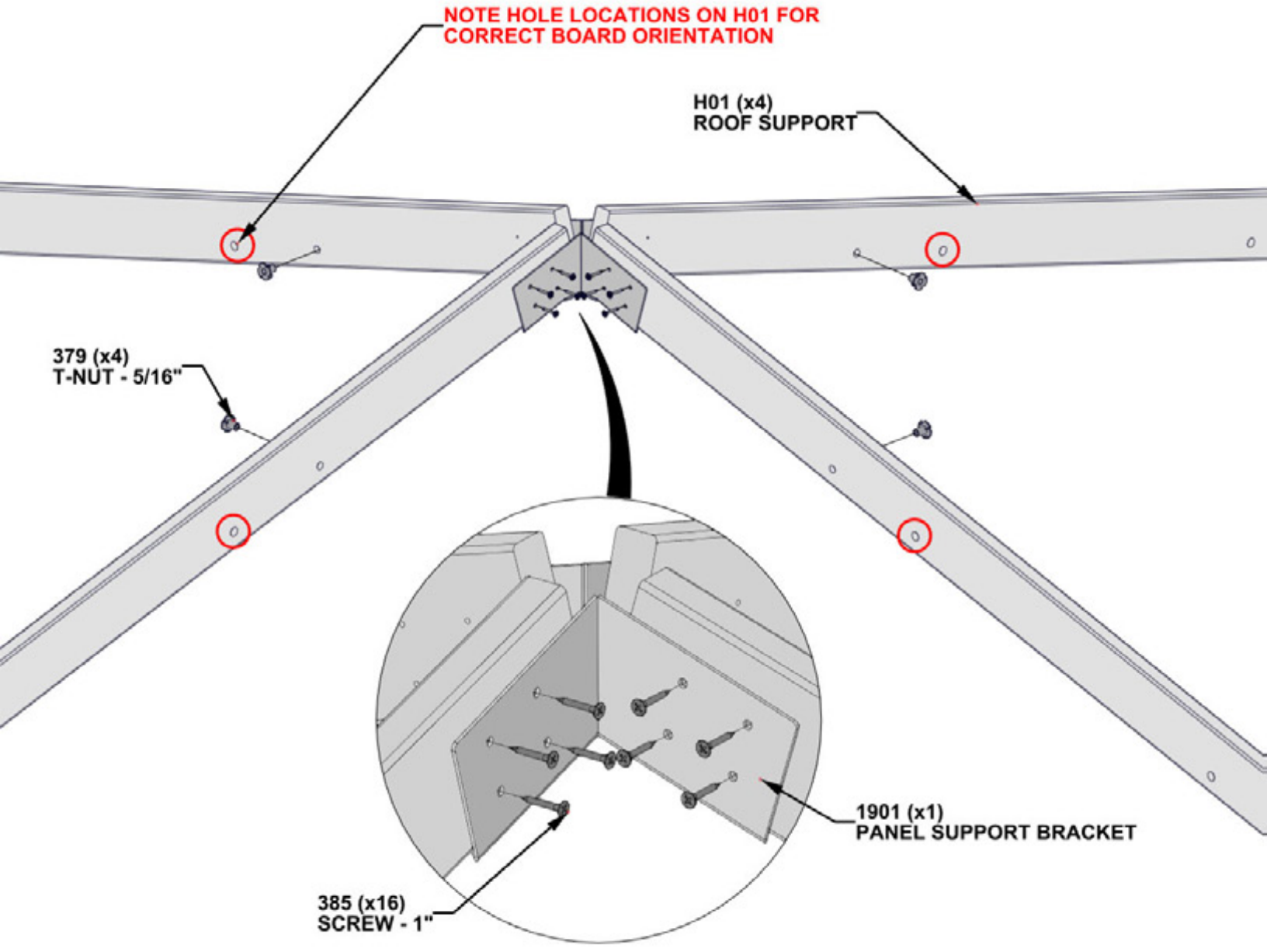


H01 (x4) ROOF SUPPORT - W4L16781
15/16"x3 3/8"x75 3/16" (24x86x1909)



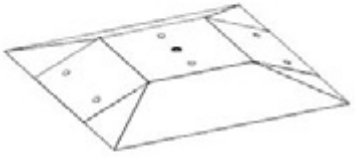
A4M01901 (x1) PANEL SUPPORT BRACKET

- INSERT T-NUTS FIRST.
- CORRECT T-NUT PLACEMENT IS CRITCAL IN FUTURE STEPS.



STEP 13 - ROOF SUPPORT ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
1	H100354	BOLT WH 5/16x6 1/2 BLK
1	H101285	EYE NUT



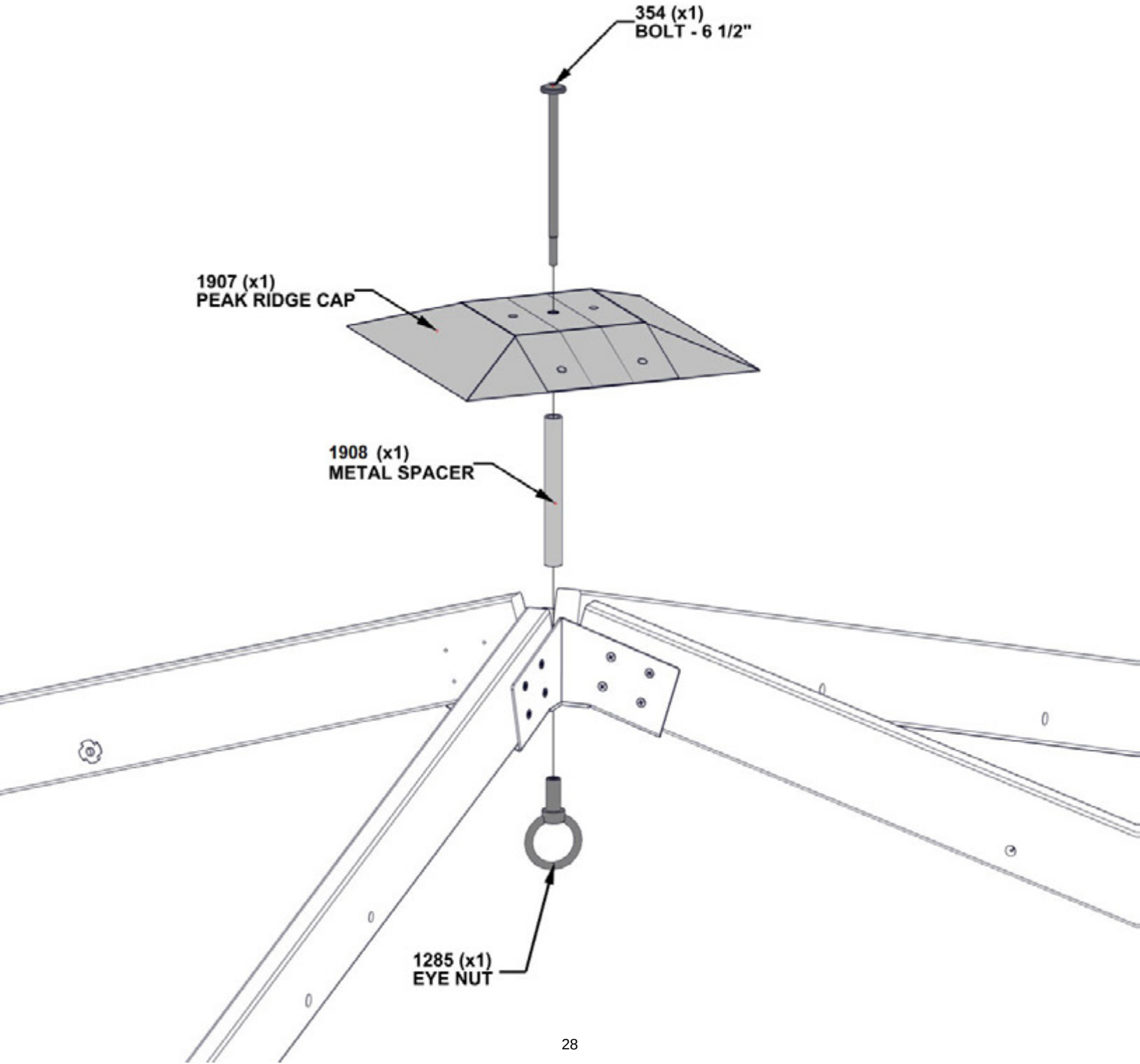
A4M01907 PEAK RIDGE CAP
(x1)



A4M01908 METAL SPACER
(x1)

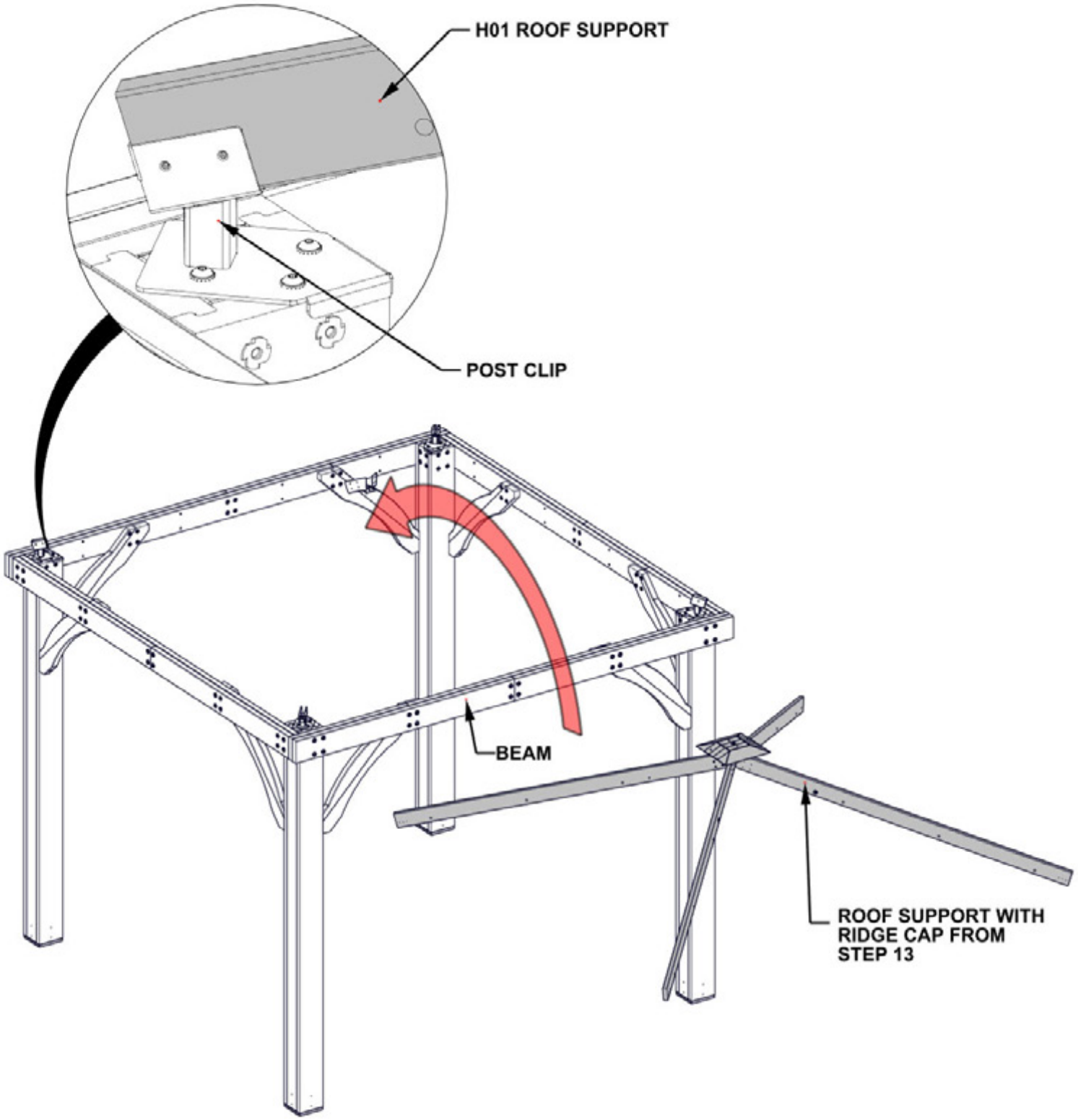
- GLOVES ARE RECOMMENDED WHEN HANDLING STEEL ROOF PIECES.

- REMOVE PROTECTIVE BLUE FILM BEFORE ASSEMBLY.



STEP 14 - ROOF SUPPORT ASSEMBLY

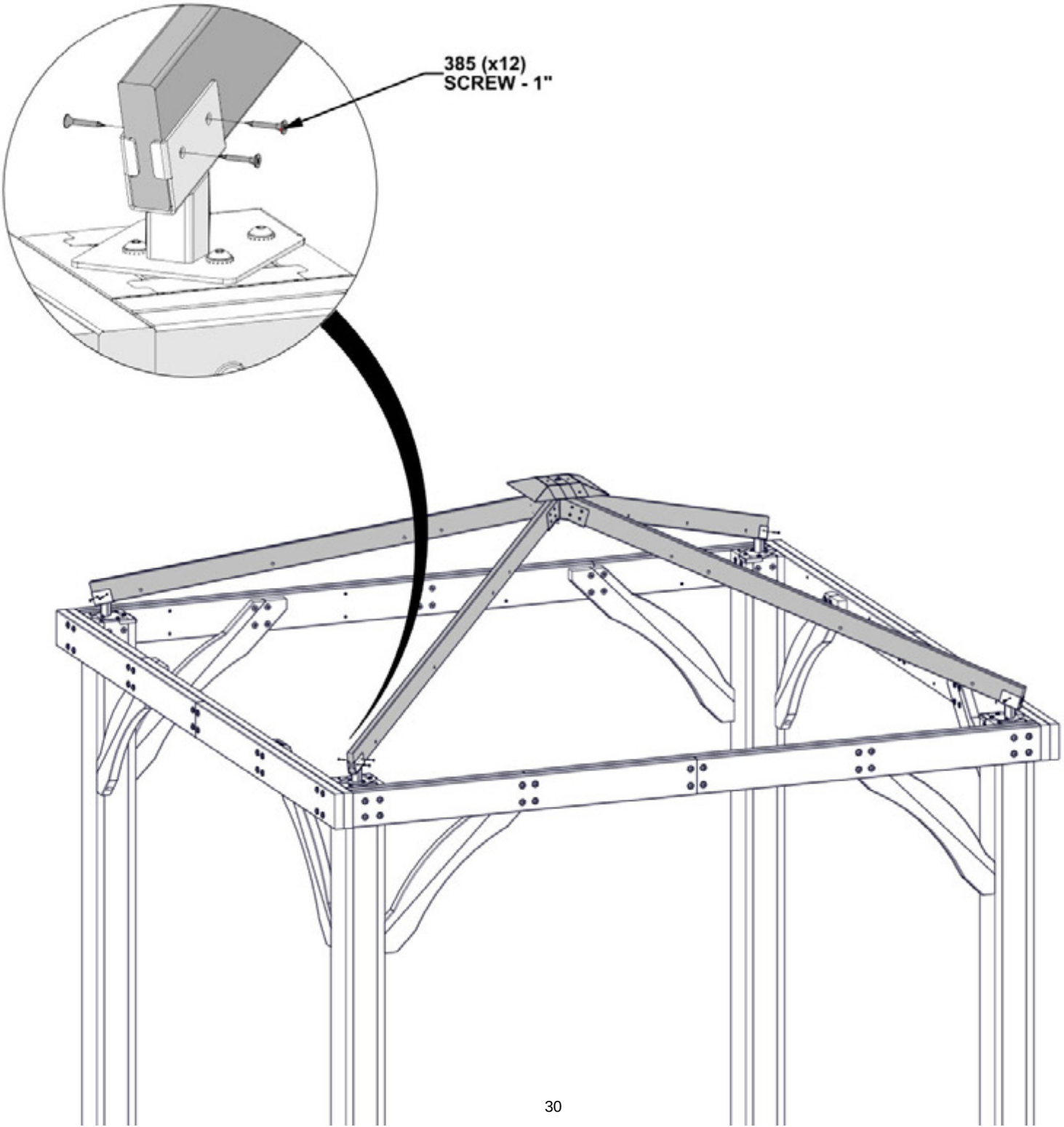
- 3 PEOPLE ARE RECOMMENDED FOR THIS STEP.
- POSITION 1 PERSON ON A LADDER IN THE CENTER.
- LIFT ROOF SUPPORT UP AND OVER BEAMS AND INSERT INTO CORNER POST CLIPS.



STEP 15 - ROOF SUPPORT ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
12	H100385	SCREW PFH 8x1 BLK

- REPEAT ON ALL POSTS



STEP 16 - SIDE ROOF PANEL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
4	H100171	BOLT WH 1/4x1 BLK
4	H100398	TNUT-1/4" BLK



A4M01664 PANEL BRACKET
(x1)

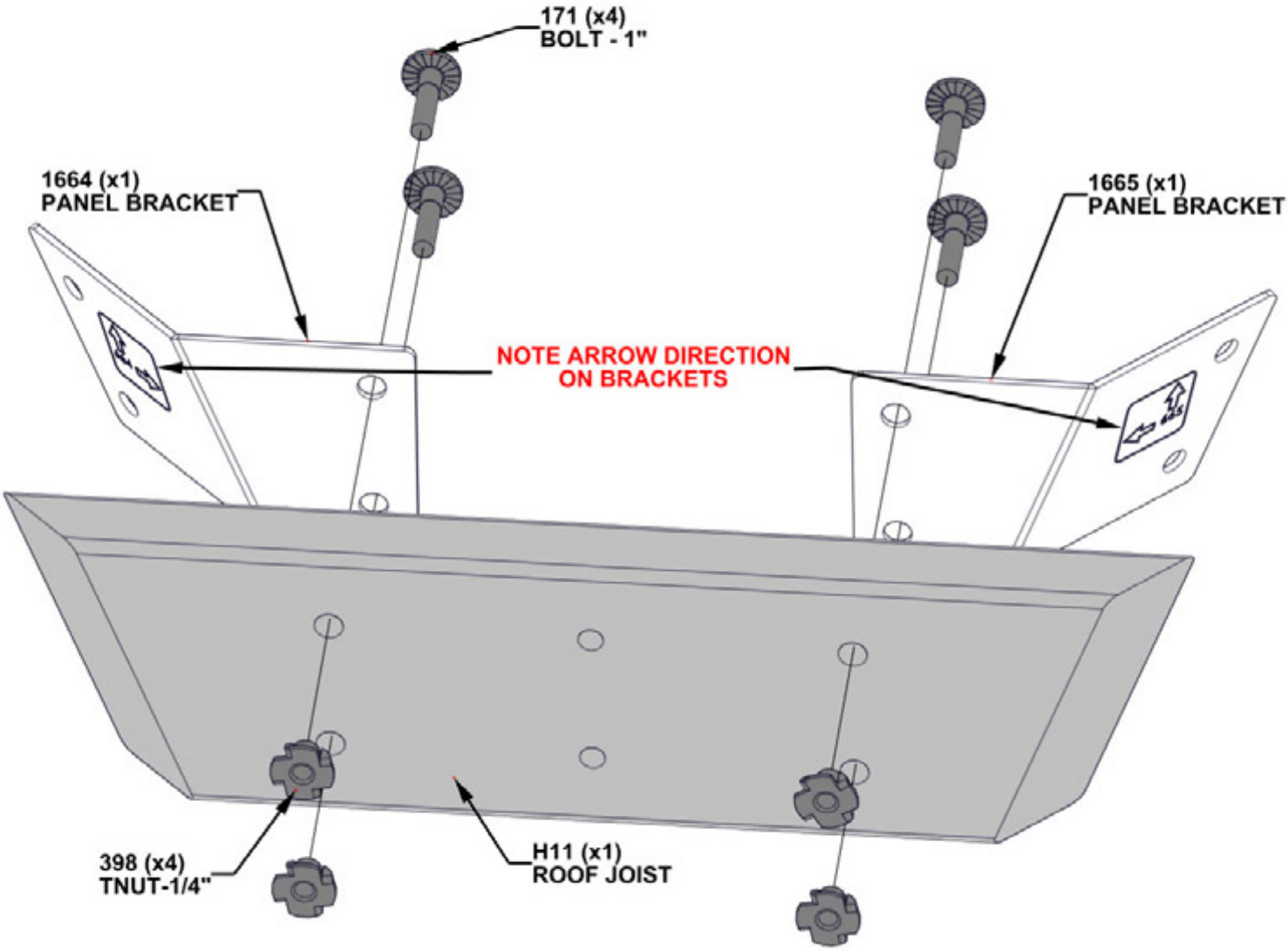


A4M01665 PANEL BRACKET
(x1)



H11 ROOF JOIST - W4L16801
(x1) 15/16"x3 3/8"x12 15/16" (24x86x328)

- INSERT T-NUTS FIRST



STEP 17 - SIDE ROOF PANEL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
4	H100171	BOLT WH 1/4x1 BLK
4	H100398	TNUT-1/4" BLK

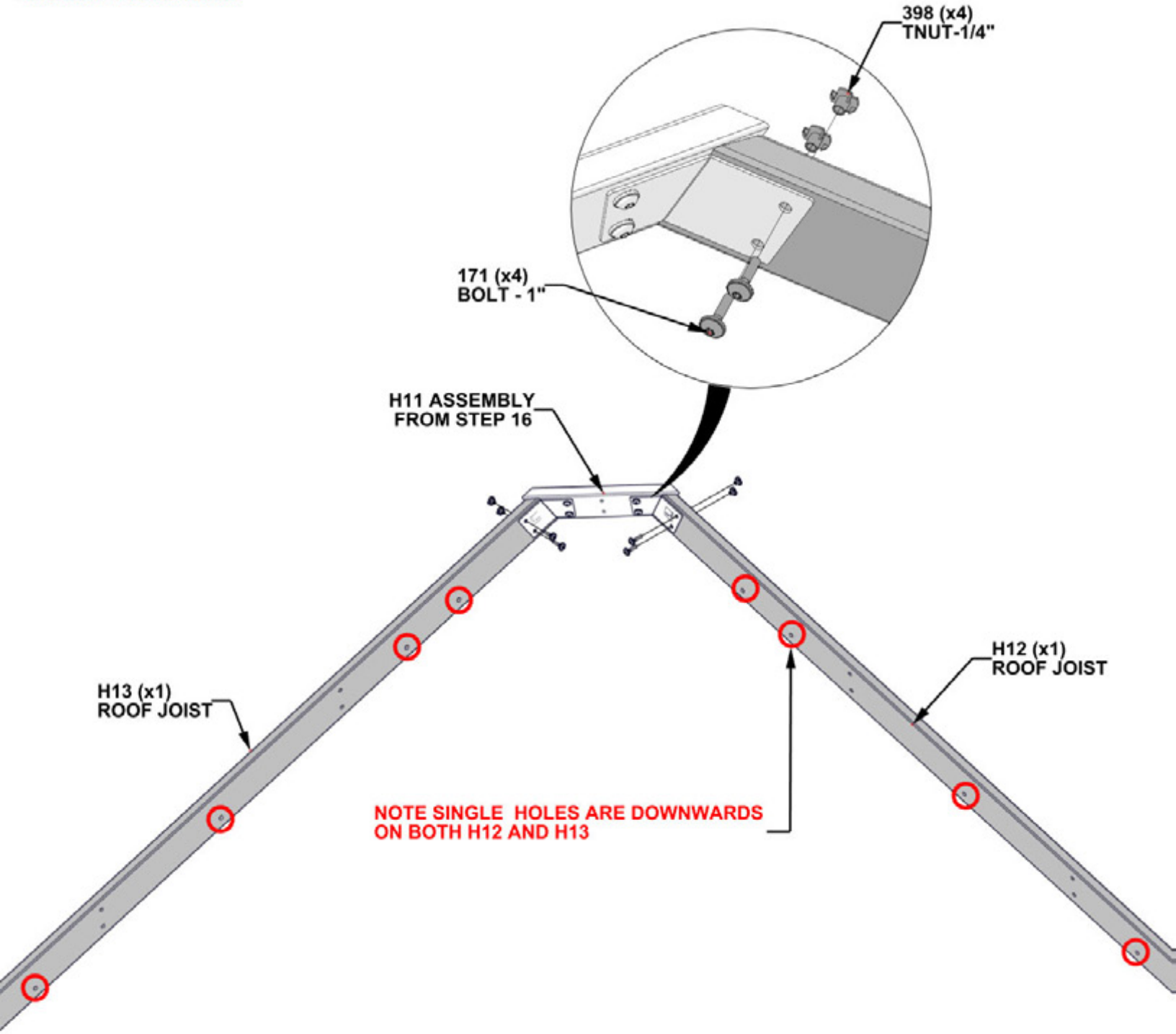


H12 ROOF JOIST - W4L16802
(x1) 15/16"x3 3/8"x79 1/4" (24x86x2013)



H13 ROOF JOIST - W4L16803
(x1) 15/16"x3 3/8"x79 1/4" (24x86x2013)

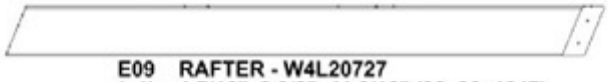
- INSERT T-NUTS FIRST.



STEP 18 - SIDE ROOF PANEL ASSEMBLY



E08 RAFTER - W4L16804
(x1) 1 7/16"x3 3/8"x57 1/2" (36x86x1460)



E09 RAFTER - W4L20727
(x1) 1 7/16"x3 3/8"x41 3/16" (36x86x1047)



E10 RAFTER - W4L16806
(x1) 1 7/16"x3 3/8"x20 3/4" (36x86x527)

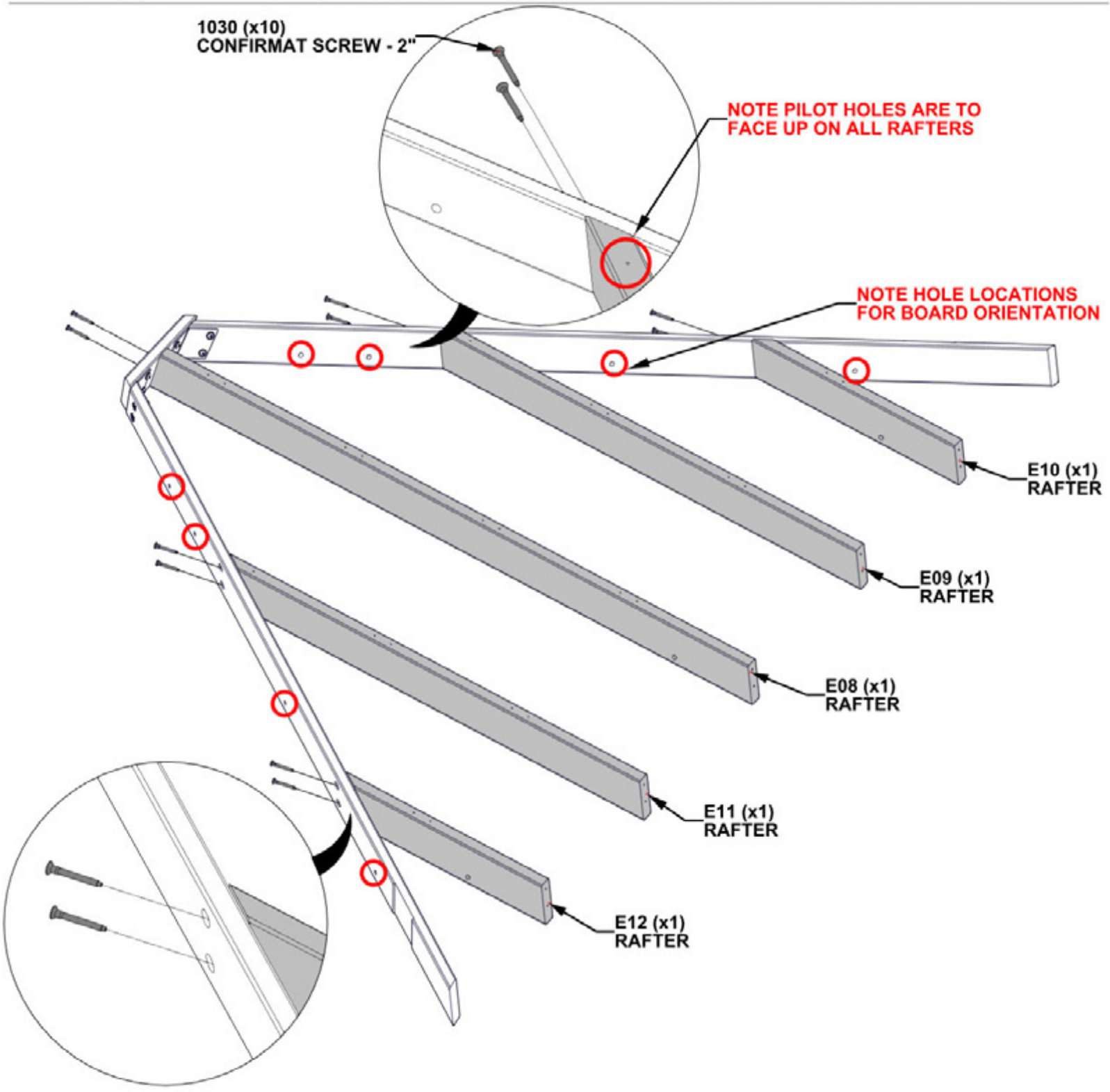
QTY	PART NUMBER	DESCRIPTION
10	H101030	SCREW CONFIRMAT 7x2 BLK



E11 RAFTER - W4L20728
(x1) 36x86x1047 (36x86x1047)



E12 RAFTER - W4L16808
(x1) 1 7/16"x3 3/8"x20 3/4" (36x86x527)

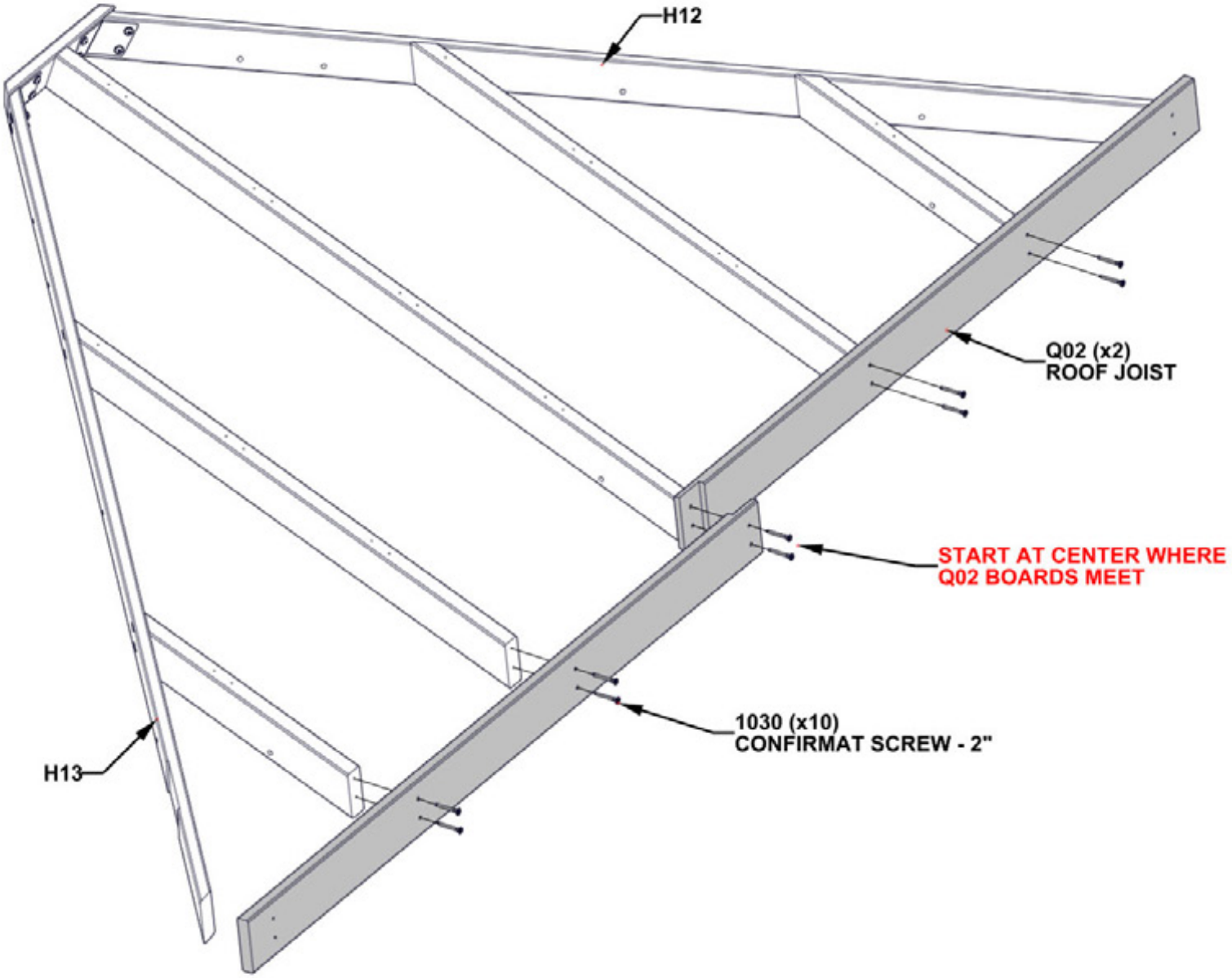


STEP 19 - SIDE ROOF PANEL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
10	H101030	SCREW CONFIRMAT 7x2 BLK



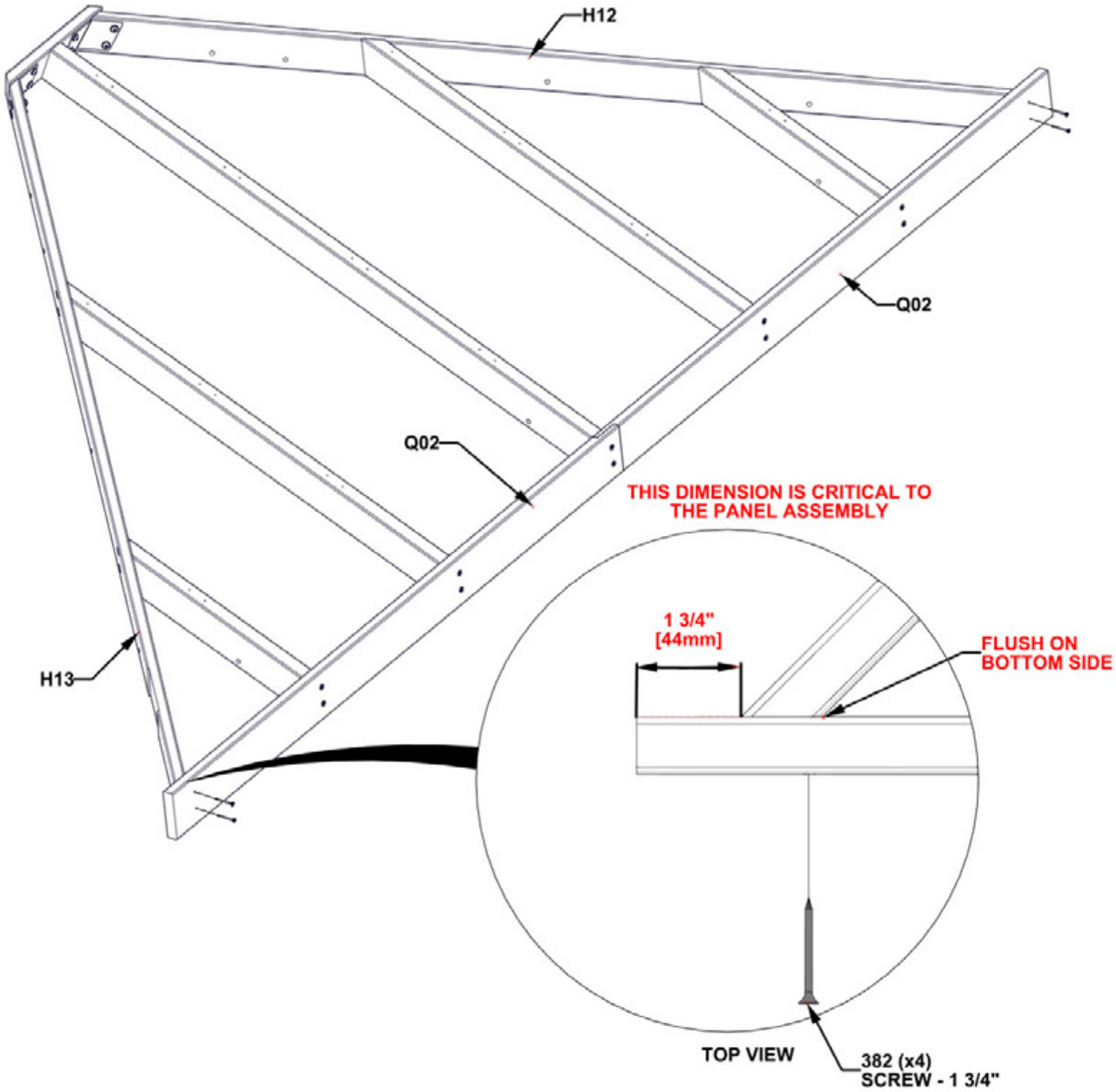
Q02 ROOF JOIST - W4L16800
(x2) 15/16"4 7/16" (24x112x1554)



STEP 20 - SIDE ROOF PANEL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
4	H100382	SCREW PFH 8x1 3/4 BLK

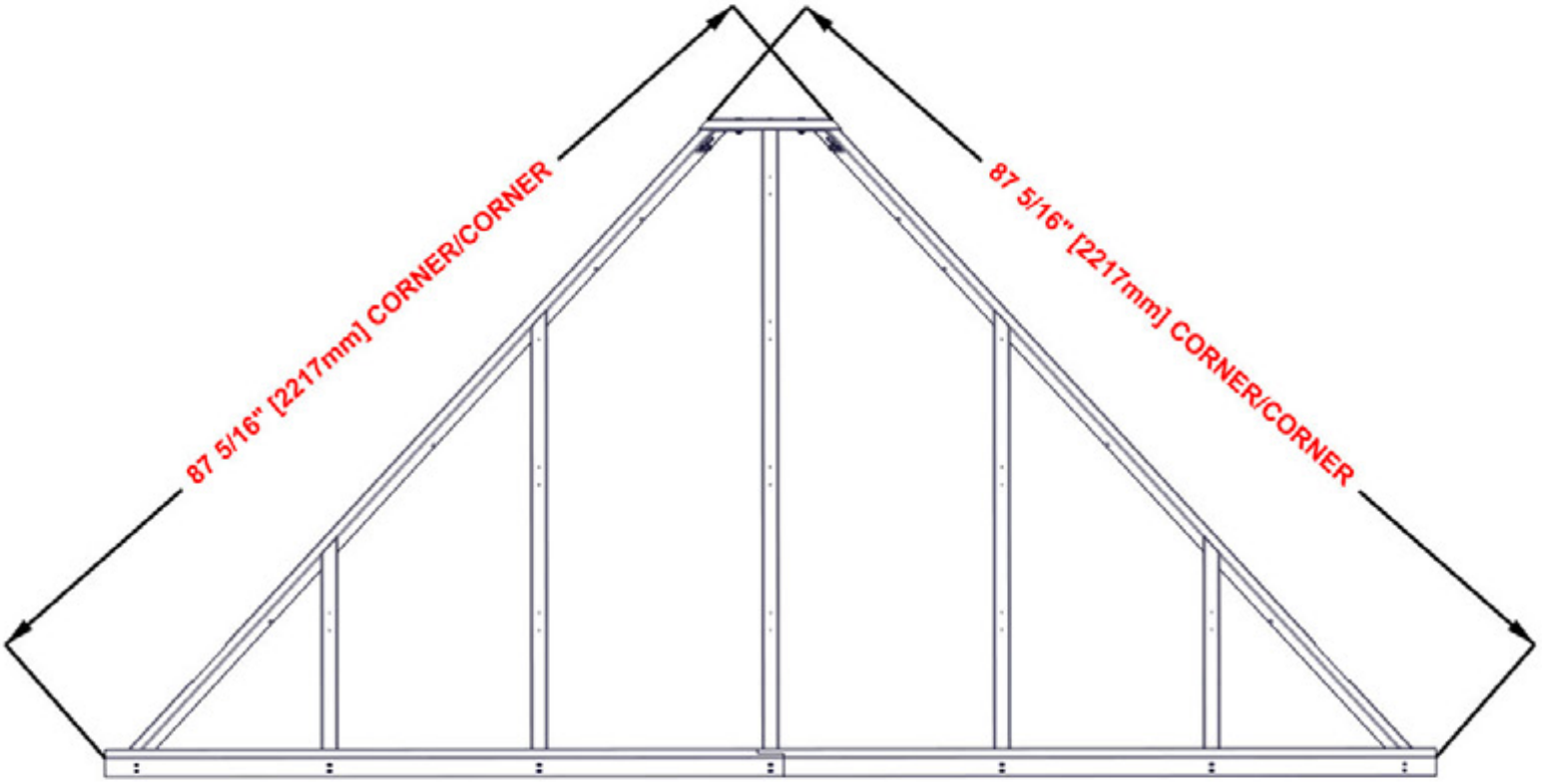
- USING THE Q02 BOARDS AS A GUIDE AND A 1/8" [3mm] DRILL BIT, DRILL PILOT HOLES INTO H12 AND H13 BOARDS USING THE DIMENSIONS BELOW.
- RAFTERS MAY NEED TO BE LOOSENED TO ATTACH THE Q02 BOARDS TO H12 AND H13.



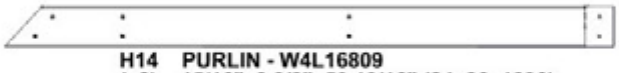
STEP 21 - SIDE ROOF PANEL ASSEMBLY

- LOOSEN HARDWARE TO ADJUST FOR SQUARING IF NEEDED.

CRITICAL:
- SQUARE UNIT BEFORE PROCEEDING TO NEXT STEPS.
- THE BELOW DIMENSIONS ARE CRITICAL TO THE FINAL ROOF ASSEMBLY.
- DIMENSIONS ARE FROM CORNER TO CORNER OF ROOF PANEL.
- MEASUREMENTS SHOULD BE WITHIN +/- 1/4".
- MEASUREMENTS OUTSIDE OF TOLERANCE WILL LEAD TO THE INABILITY TO ASSEMBLE THE ROOF.
- ONCE SQUARE, TIGHTEN ALL HARDWARE FROM PREVIOUS STEPS.



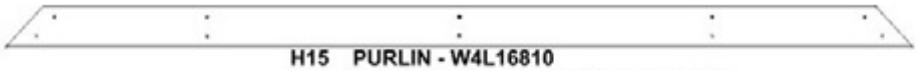
STEP 22 - SIDE ROOF PANEL ASSEMBLY



H14 PURLIN - W4L16809
(x2) 15/16"x3 3/8"x50 13/16" (24x86x1290)

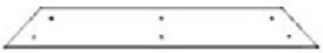


H16 PURLIN - W4L16811
(x1) 15/16"x3 3/8"x50 11/16" (24x86x1288)



H15 PURLIN - W4L16810
(x1) 15/16"x3 3/8"x74 15/16" (24x86x1904)

QTY	PART NUMBER	DESCRIPTION
40	H100391	SCREW PFH 8x2 BLK

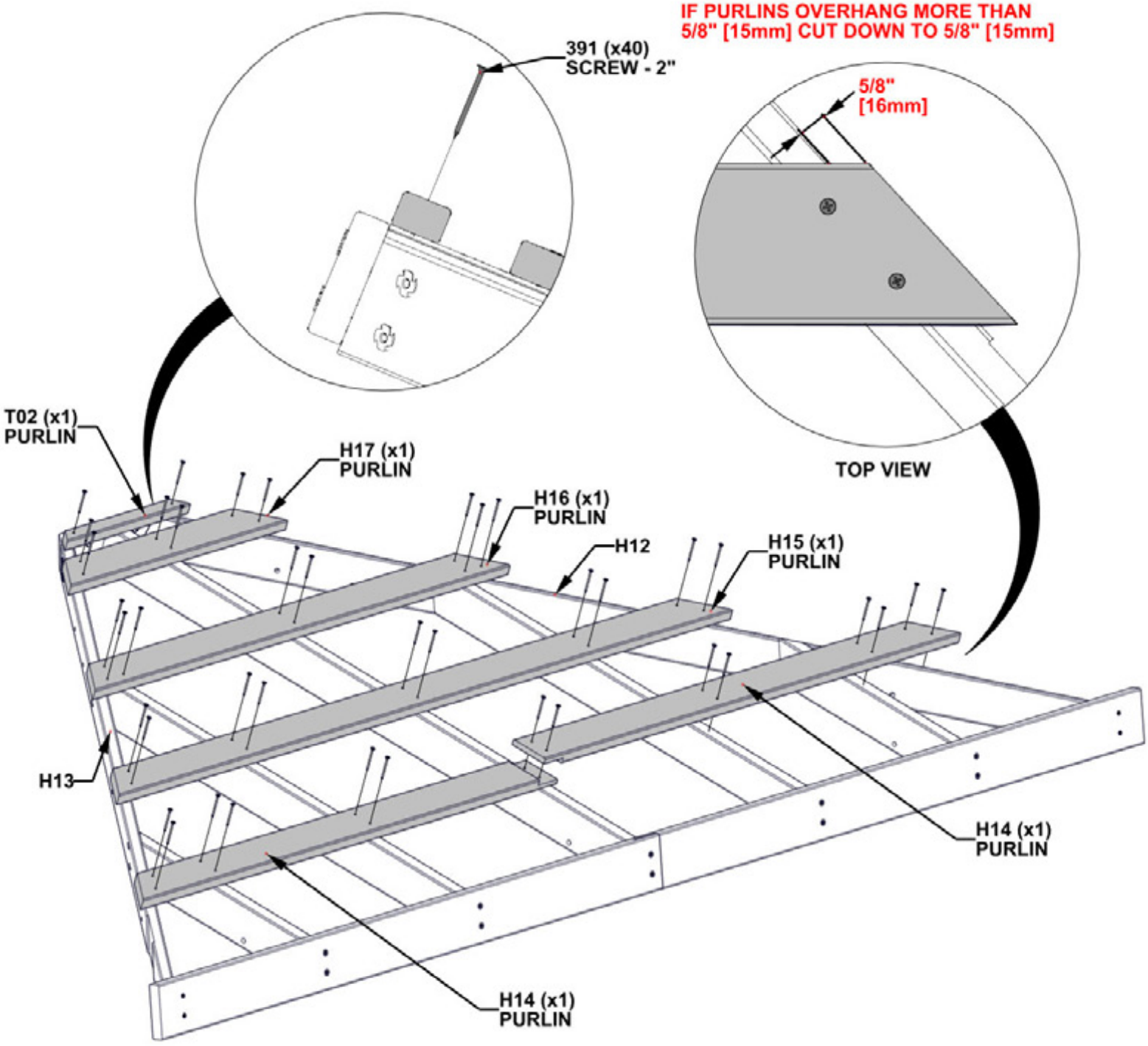


H17 PURLIN - W4L16812
(x1) 15/16"x3 3/8"x26 1/2" (24x86x673)



T02 PURLIN - W4L16813
(x1) 15/16"x1 5/16"x15" (24x34x382)

- ALIGN PURLIN PILOT HOLES WITH RAFTER PILOT HOLES.
- ATTACH SCREWS FROM THE CENTER AND WORK OUTWARDS.
- H12 AND H13 BOARDS DO NOT HAVE PILOT HOLES FOR THE OUTSIDE EDGE SCREWS.
- USING THE PURLINS AS A GUIDE AND A 1/8" [3mm] DRILL BIT AND DRILL PILOT HOLES INTO H12 AND H13.



STEP 23 - SIDE ROOF PANEL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
16	H100833	SCREW WOODGRIP 10-16x3/4



A4M02901-2 SHEETING (x1) 29GA STEEL



A4M03439-01 SHEETING (x1) 29GA STEEL



A4M03439-02 SHEETING (x1) 29GA STEEL

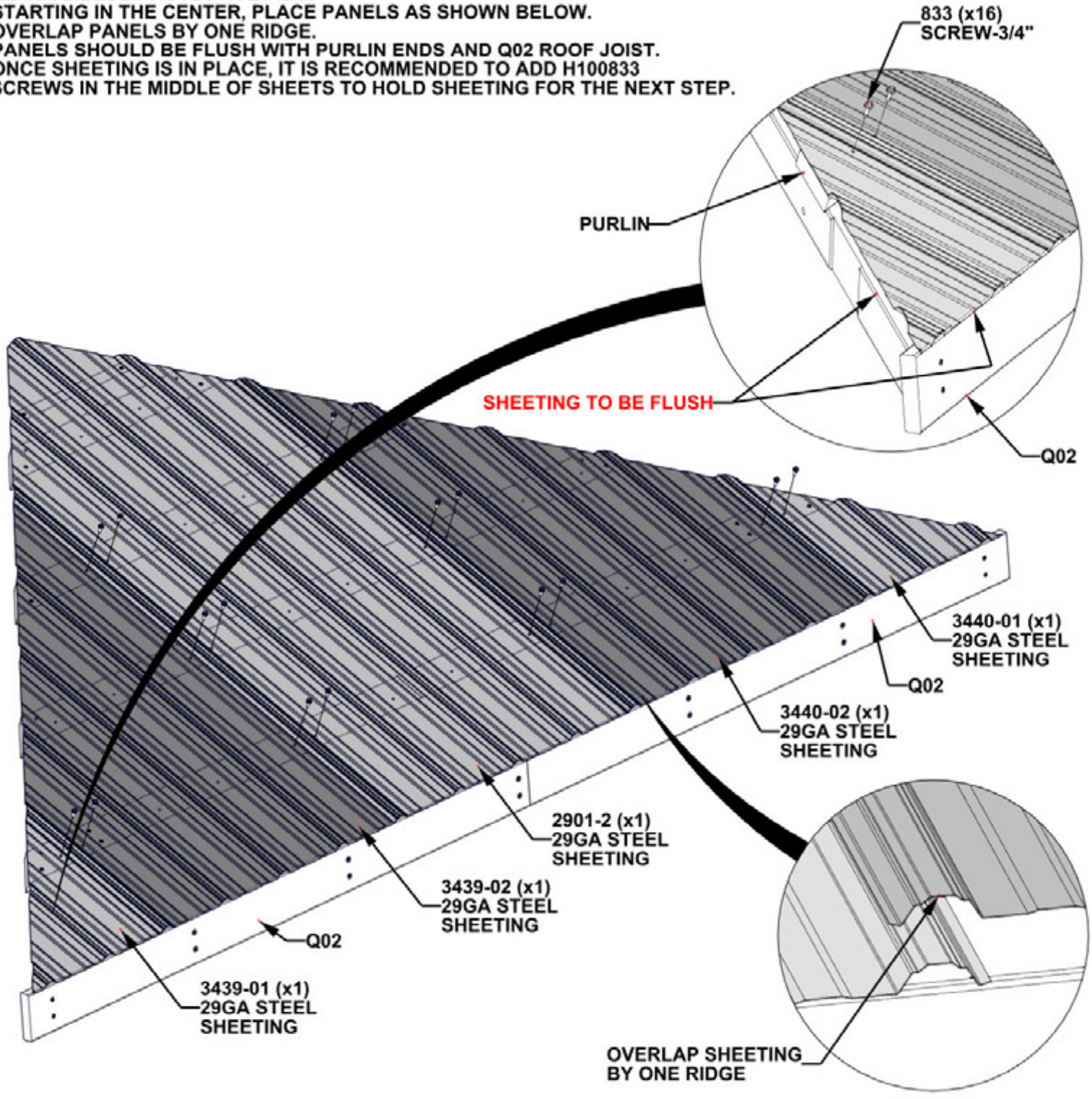


A4M03440-02 SHEETING (x1) 29GA STEEL



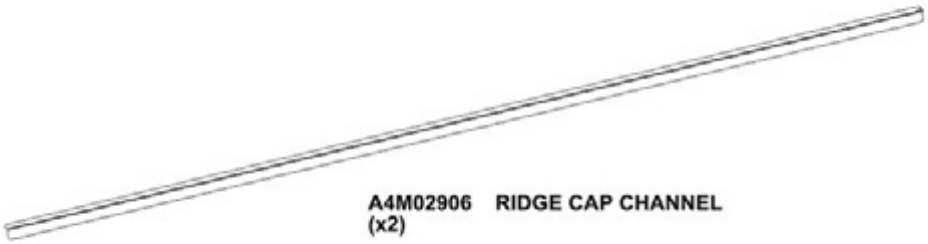
A4M03440-01 SHEETING (x1) 29GA STEEL

- WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL ROOF PIECES.
- REMOVE BLUE PROTECTIVE FILM.
- STARTING IN THE CENTER, PLACE PANELS AS SHOWN BELOW.
- OVERLAP PANELS BY ONE RIDGE.
- PANELS SHOULD BE FLUSH WITH PURLIN ENDS AND Q02 ROOF JOIST.
- ONCE SHEETING IS IN PLACE, IT IS RECOMMENDED TO ADD H100833 SCREWS IN THE MIDDLE OF SHEETS TO HOLD SHEETING FOR THE NEXT STEP.



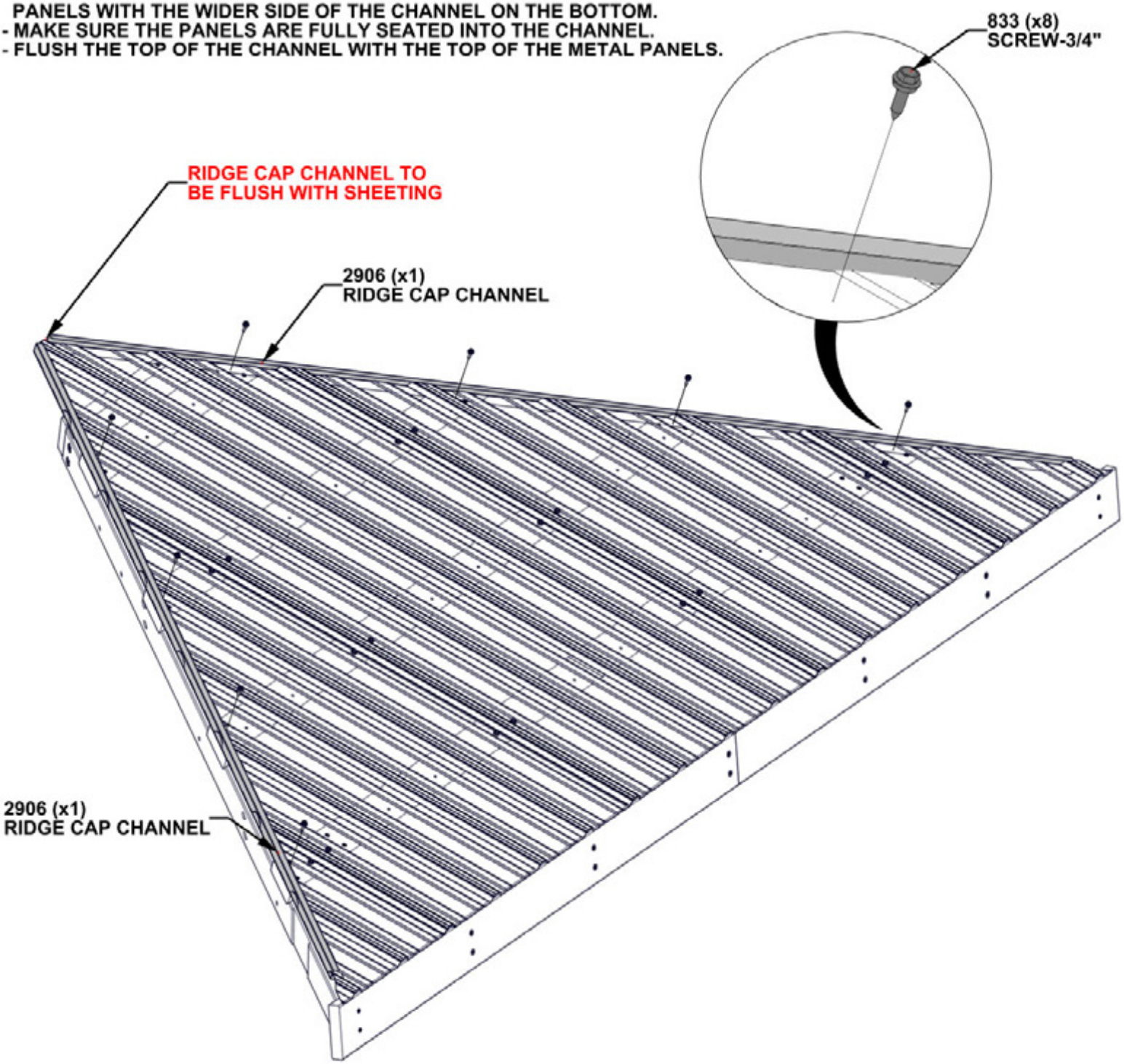
STEP 24 - SIDE ROOF PANEL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
8	H100833	SCREW WOODGRIP 10-16x3/4



A4M02906 RIDGE CAP CHANNEL
(x2)

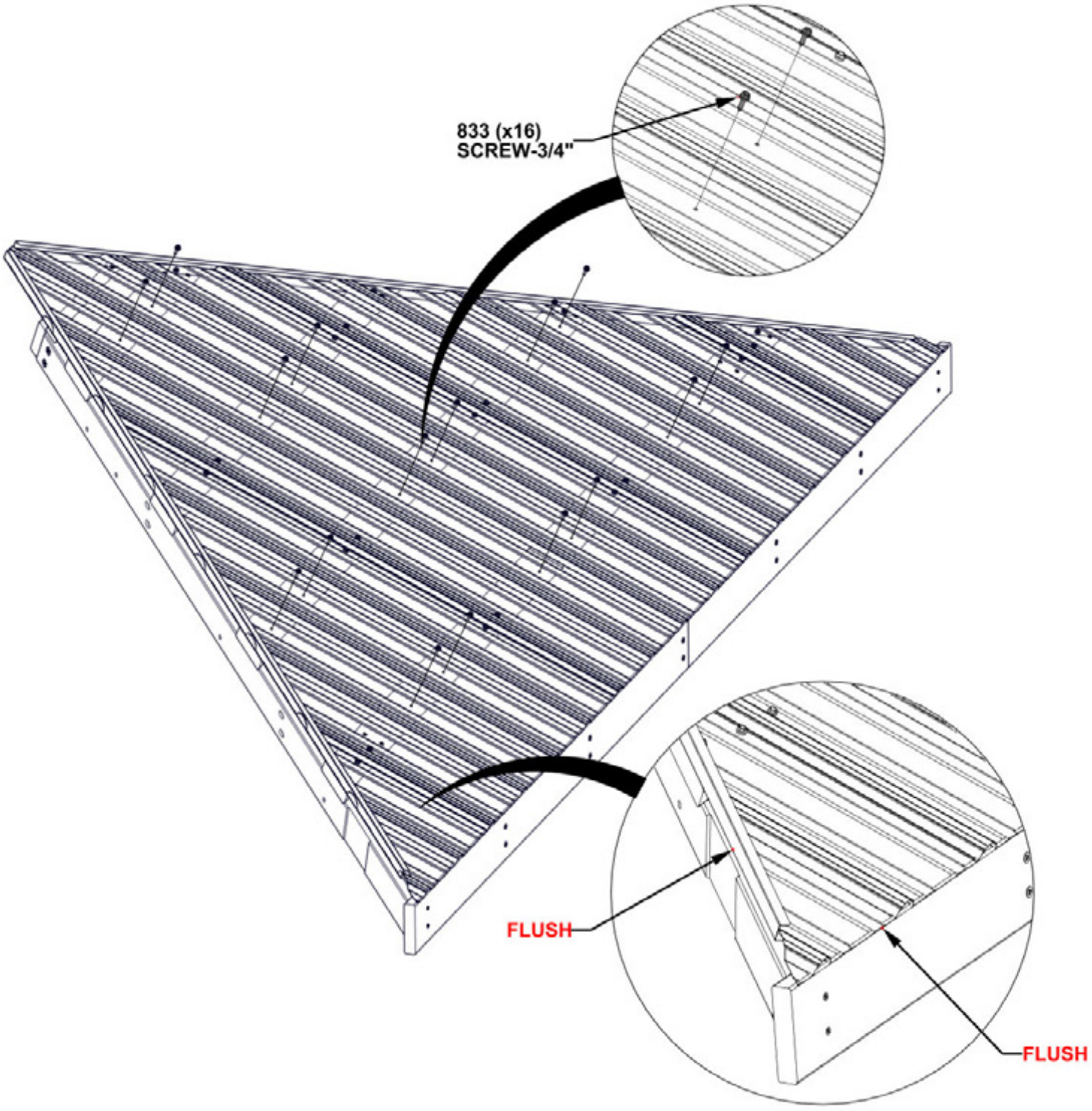
- REMOVE PROTECTIVE BLUE FILM.
- POSITION THE RIDGE CAP CHANNEL OVER THE EDGE OF THE ROOF PANELS WITH THE WIDER SIDE OF THE CHANNEL ON THE BOTTOM.
- MAKE SURE THE PANELS ARE FULLY SEATED INTO THE CHANNEL.
- FLUSH THE TOP OF THE CHANNEL WITH THE TOP OF THE METAL PANELS.



STEP 25 - SIDE ROOF PANEL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
16	H100833	SCREW WOODGRIP 10-16x3/4

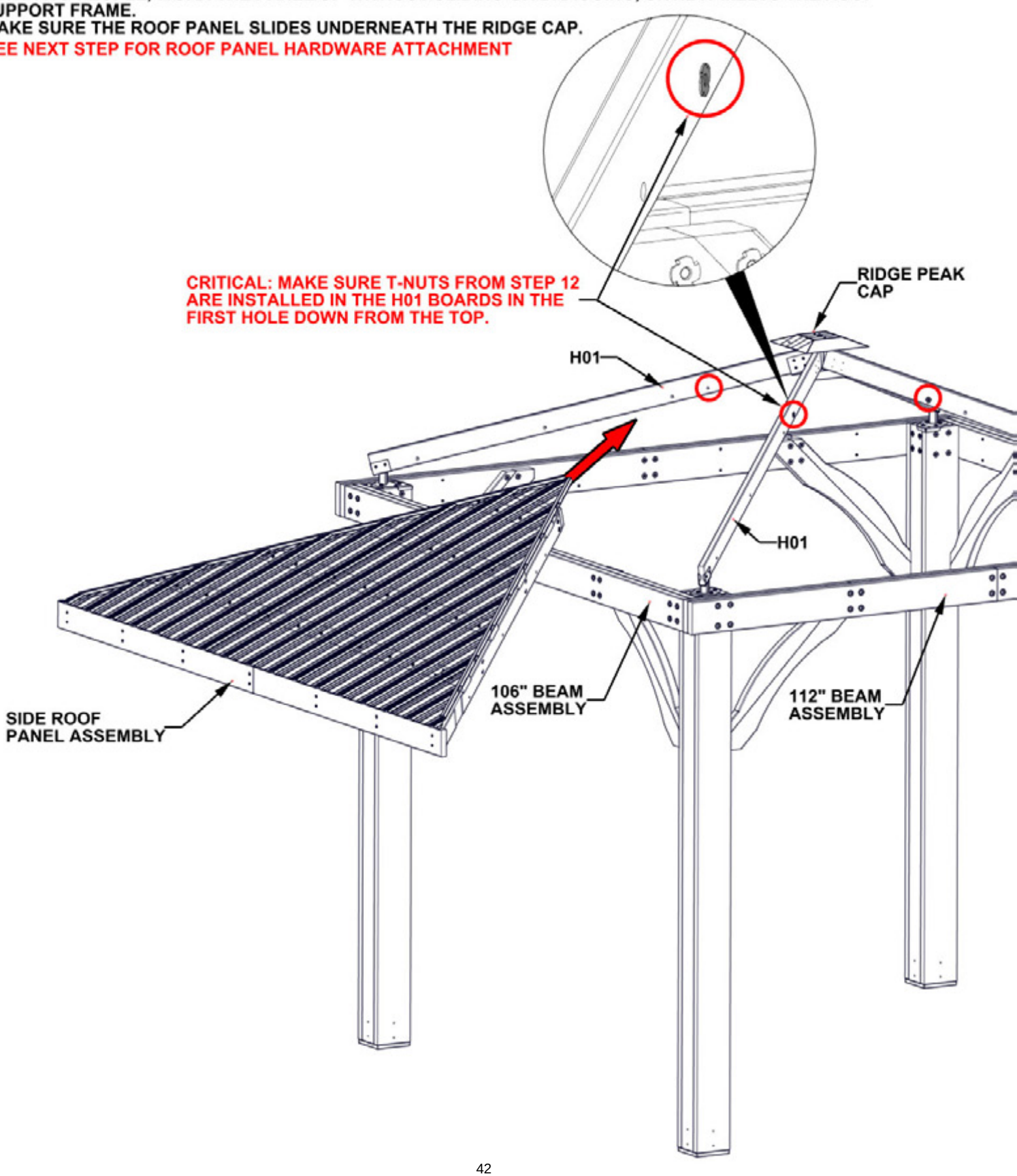
- INSERT REMAINING SCREWS TO FASTEN SHEET METAL IN PLACE.
- MAKE SURE SHEET EDGES ARE FLUSH AS SHOWN.



REPEAT PREVIOUS STEPS 16 THROUGH 25 TO BUILD SECOND SIDE OF ROOF PANEL

STEP 26 - ROOF PANEL ATTACHMENT

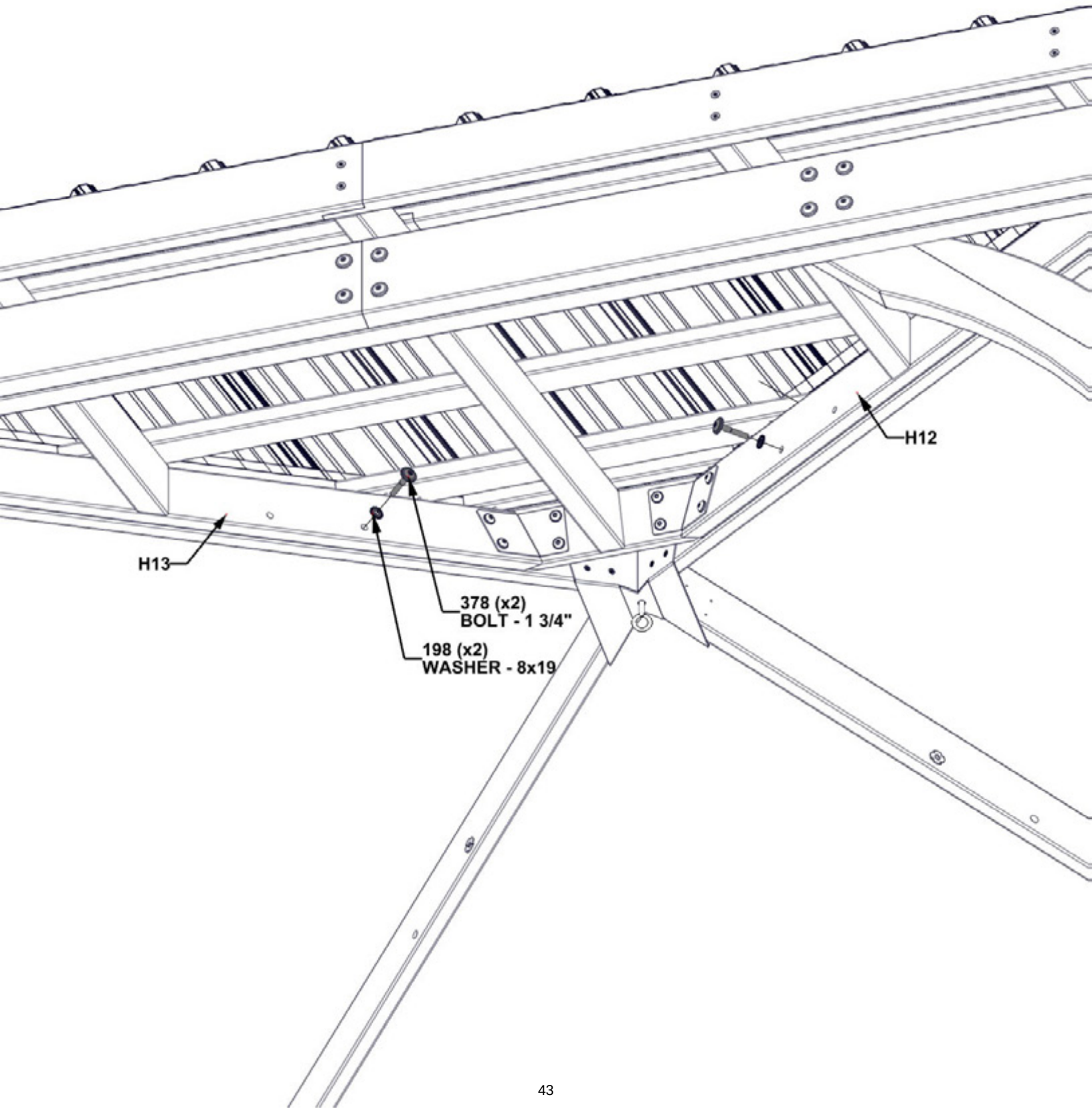
- WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL ROOF PIECES.
- THREE PEOPLE ARE RECOMMENDED FOR THIS STEP.
- POSITION A PERSON ON A LADDER IN THE CENTER OF THE GAZEBO TO HELP SUPPORT THE ROOF PANEL.
- WITH TWO PEOPLE, WORK THE PANEL UP WITHOUT SLIDING OR DRAGGING, UNTIL IT MEETS THE ROOF SUPPORT FRAME.
- MAKE SURE THE ROOF PANEL SLIDES UNDERNEATH THE RIDGE CAP.
- SEE NEXT STEP FOR ROOF PANEL HARDWARE ATTACHMENT



STEP 27 - ROOF PANEL ATTACHMENT

QTY	PART NUMBER	DESCRIPTION
2	H100198	WASHER LOCK EXT 8x19
2	H100378	BOLT WH 5/16x1 3/4 BLK

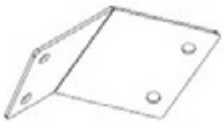
- HAND TIGHTEN ONLY.
- IF NECESSARY, USE A CLAMP TO HOLD PANEL IN PLACE.
- INSERT BOLTS INTO THE FIRST HOLE FROM THE TOP OF THE H12/H13 BOARDS.



REPEAT SIDE ROOF PANEL INSTALLATION STEPS 26 & 27

STEP 28 - FRONT/BACK ROOF PANEL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
4	H100171	BOLT WH 1/4x1 BLK
4	H100398	TNUT-1/4" BLK



A4M01664 PANEL BRACKET
(x1)

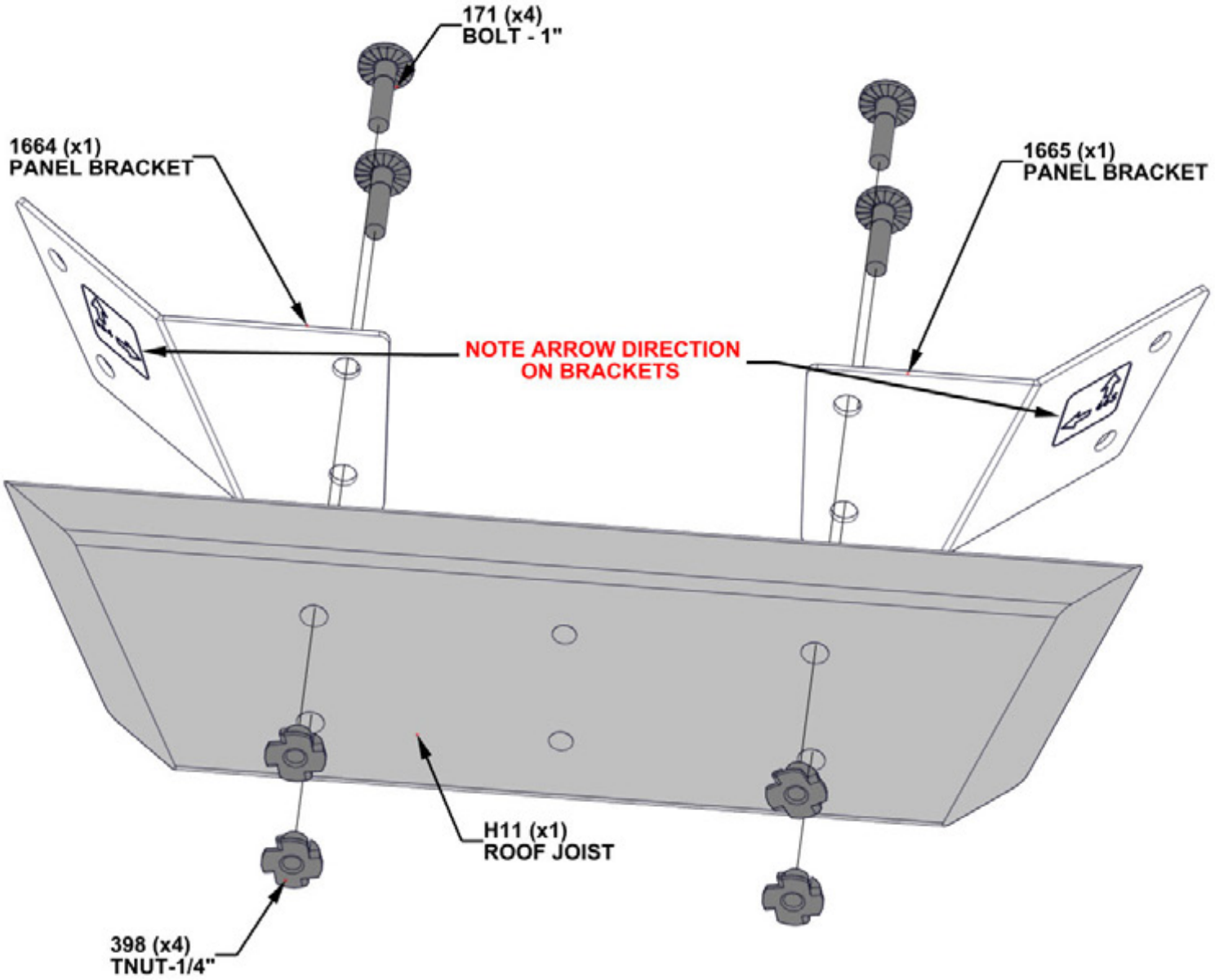


A4M01665 PANEL BRACKET
(x1)



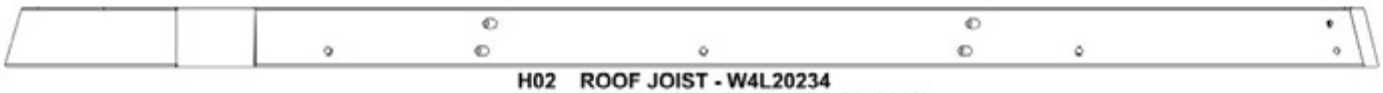
H11 ROOF JOIST - W4L16801
(x1) 15/16"x3 3/8"x12 15/16" (24x86x328)

- INSERT T-NUTS FIRST
- HAND TIGHTEN ONLY

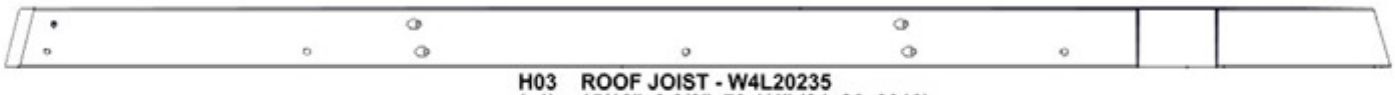


STEP 29 - FRONT/BACK ROOF PANEL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
4	H100171	BOLT WH 1/4x1 BLK
4	H100398	TNUT-1/4" BLK

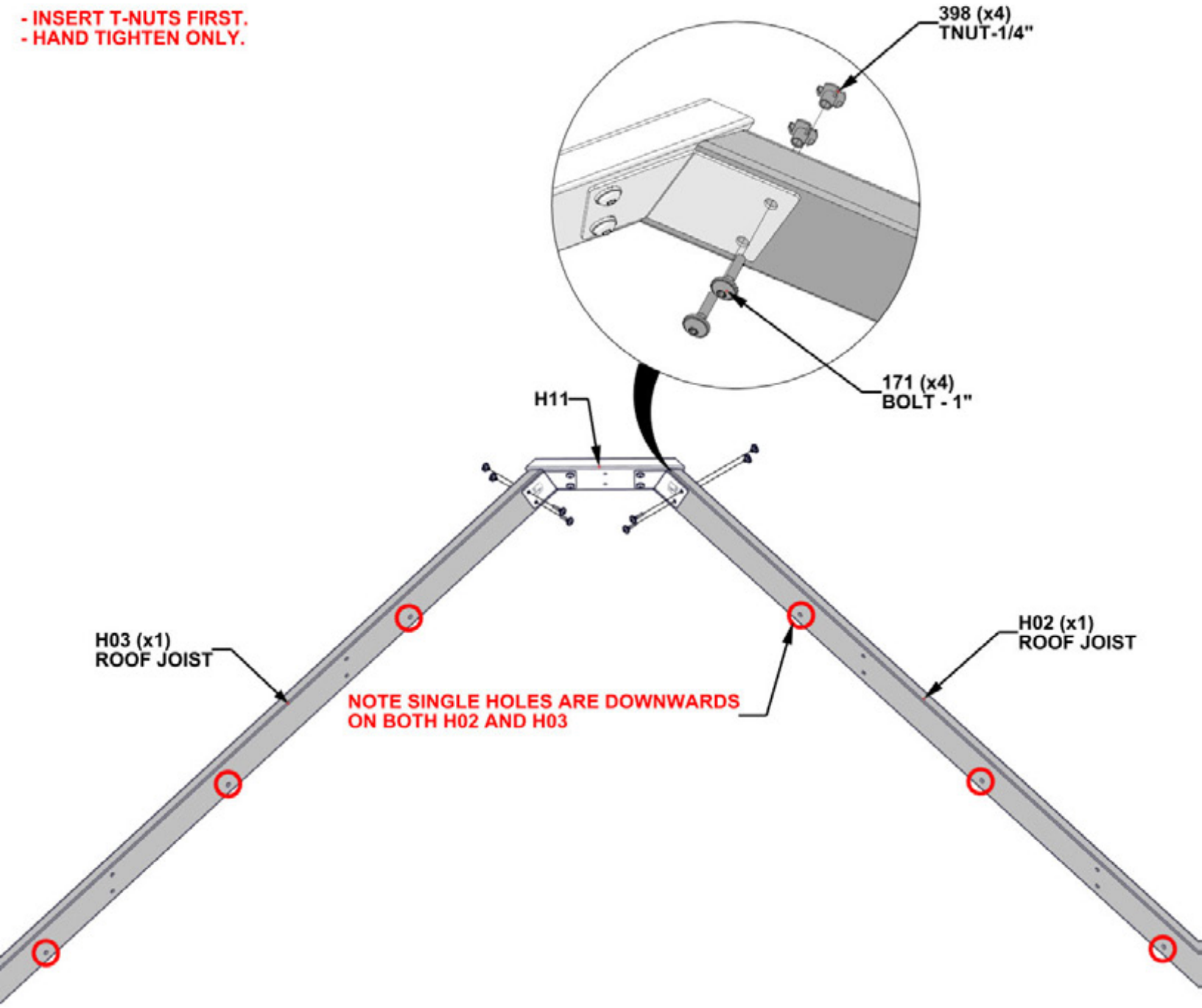


H02 ROOF JOIST - W4L20234
(x1) 15/16"x3 3/8"x79 1/4" (24x86x2013)



H03 ROOF JOIST - W4L20235
(x1) 15/16"x3 3/8"x79 1/4" (24x86x2013)

- INSERT T-NUTS FIRST.
- HAND TIGHTEN ONLY.



STEP 30 - FRONT/BACK ROOF PANEL ASSEMBLY



E08 RAFTER - W4L16804
(x1) 1 7/16"x3 3/8"x57 1/2" (36x86x1460)



E09 RAFTER - W4L20727
(x1) 1 7/16"x3 3/8"x41 3/16" (36x86x1047)

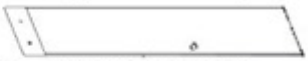


E10 RAFTER - W4L16806
(x1) 1 7/16"x3 3/8"x20 3/4" (36x86x527)

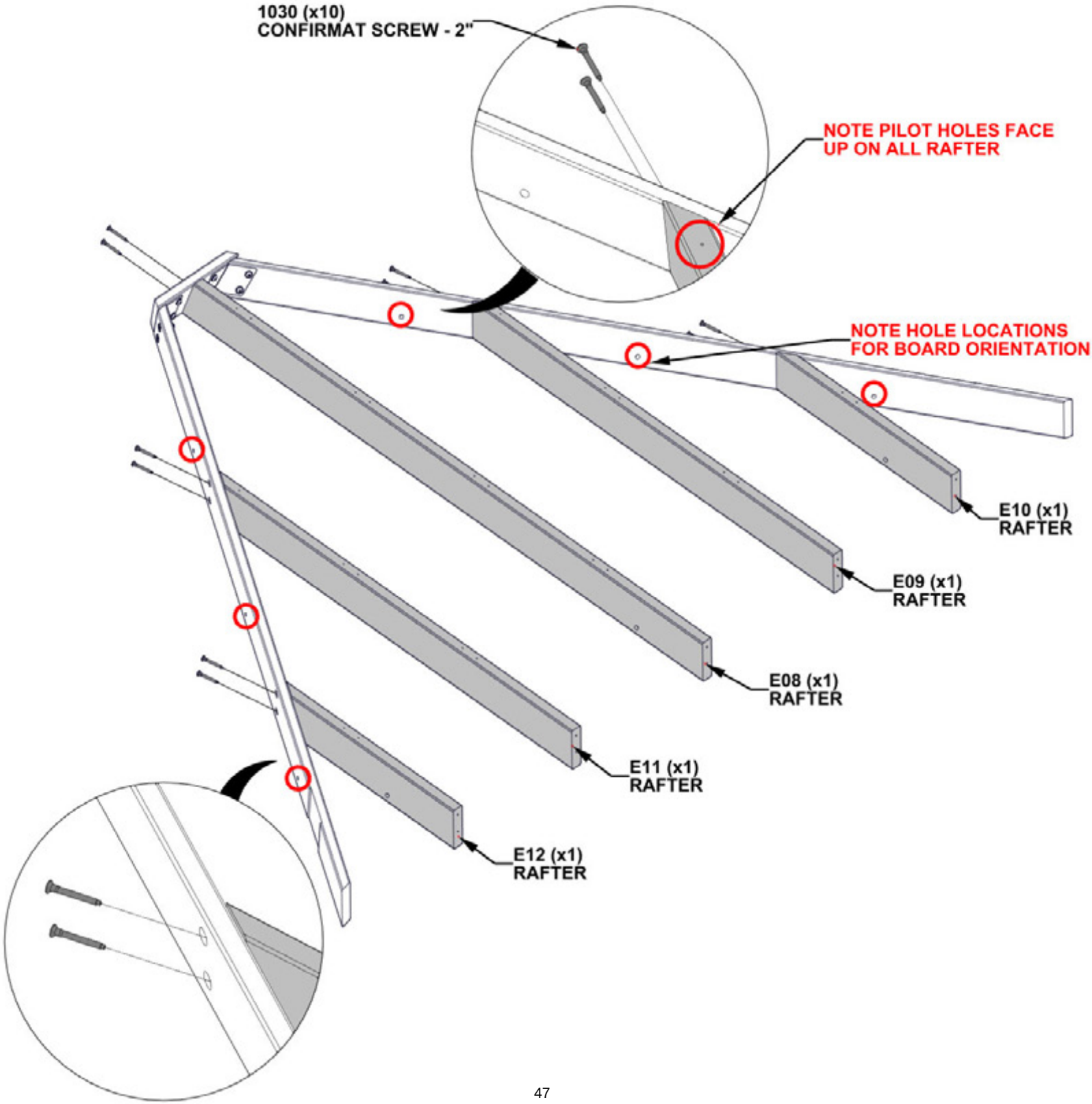
QTY	PART NUMBER	DESCRIPTION
10	H101030	SCREW CONFIRMAT 7x2 BLK



E11 RAFTER - W4L20728
(x1) 36x86x1047 (36x86x1047)



E12 RAFTER - W4L16808
(x1) 1 7/16"x3 3/8"x20 3/4" (36x86x527)

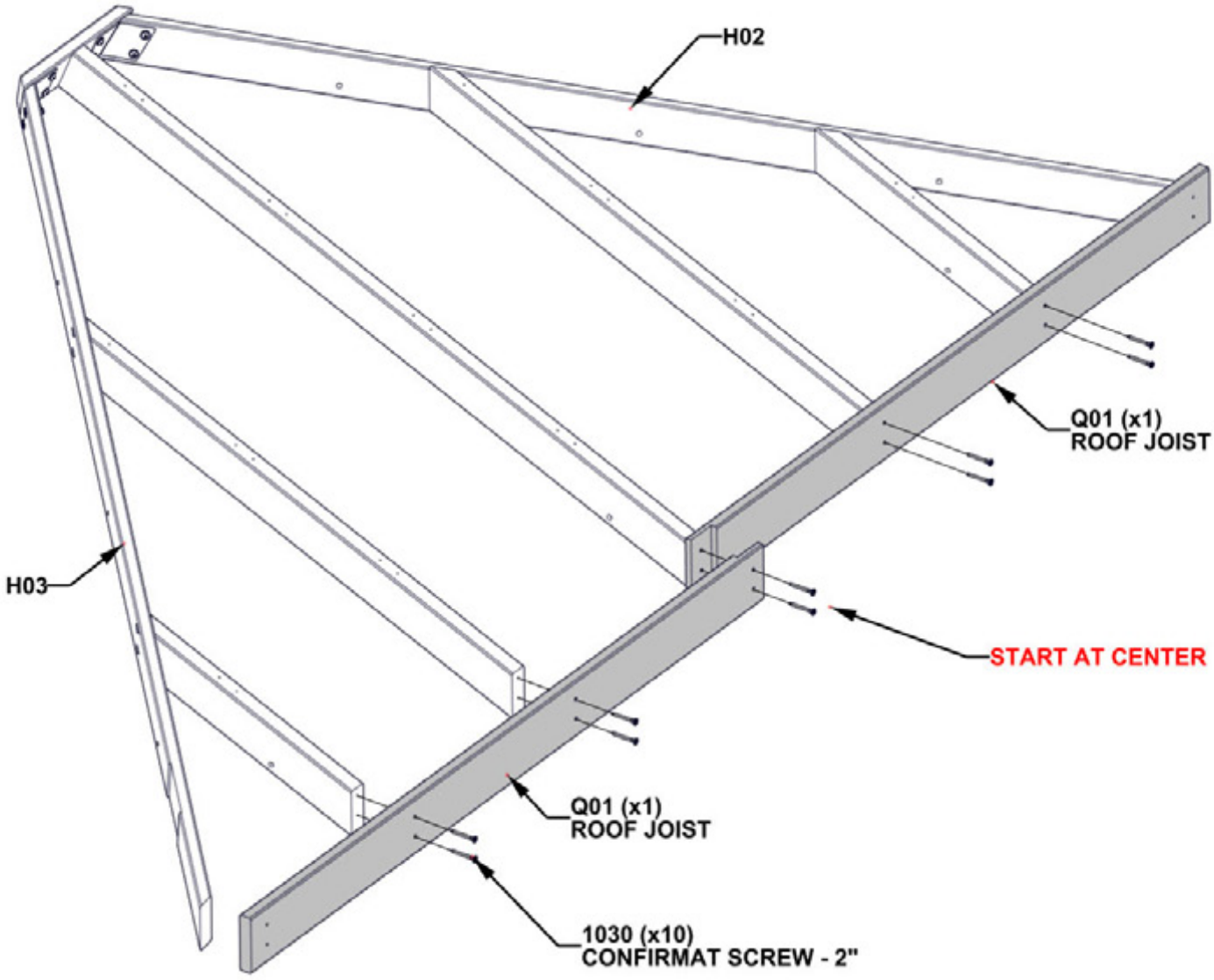


STEP 31 - FRONT/BACK ROOF PANEL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
10	H101030	SCREW CONFIRMAT 7x2 BLK



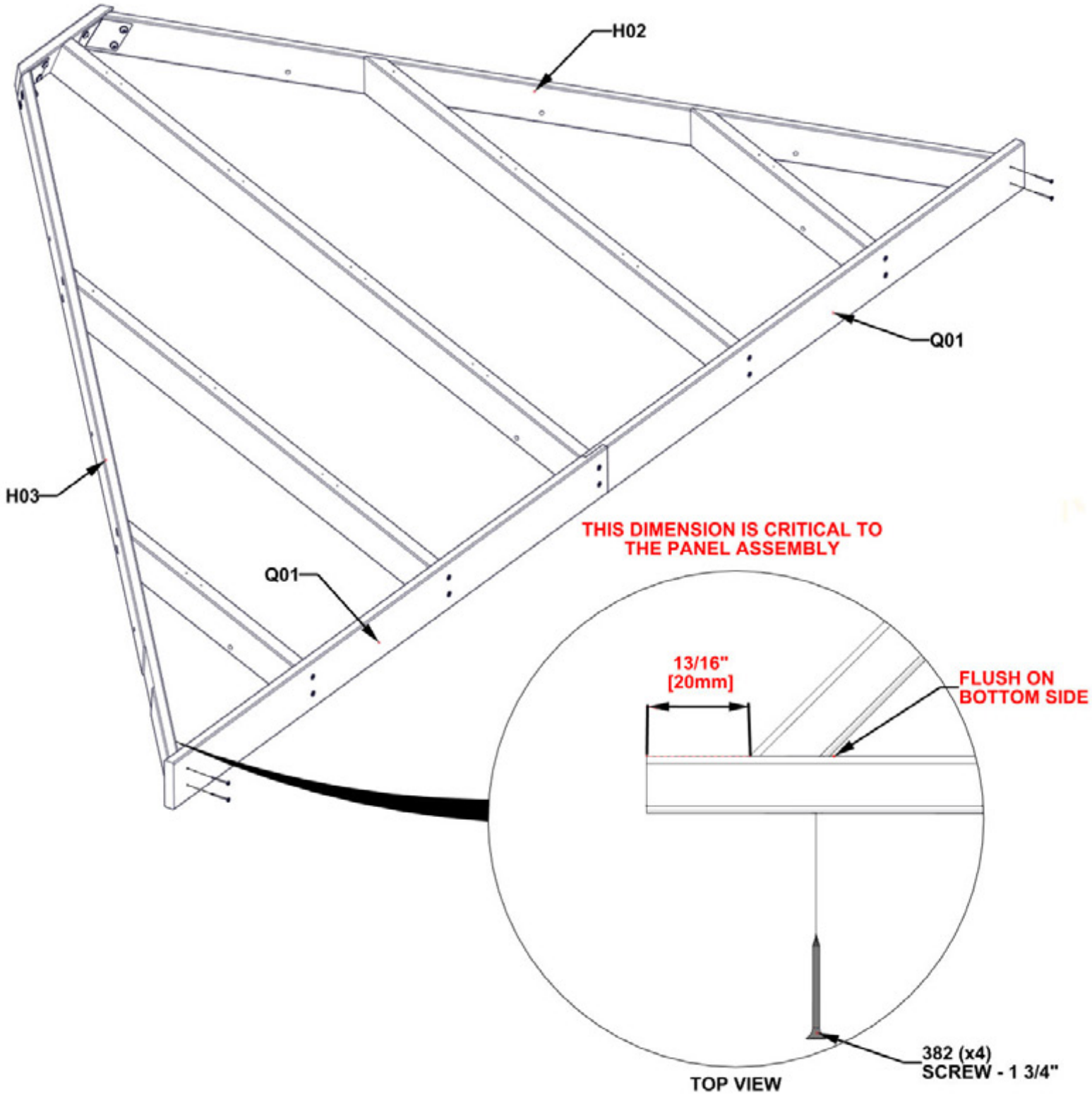
Q01 (x2) ROOF JOIST - W4L20228
15/16"X4 7/16"X60 1/4" (24x112x1530)



STEP 32 - FRONT/BACK ROOF PANEL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
4	H100382	SCREW PFH 8x1 3/4 BLK

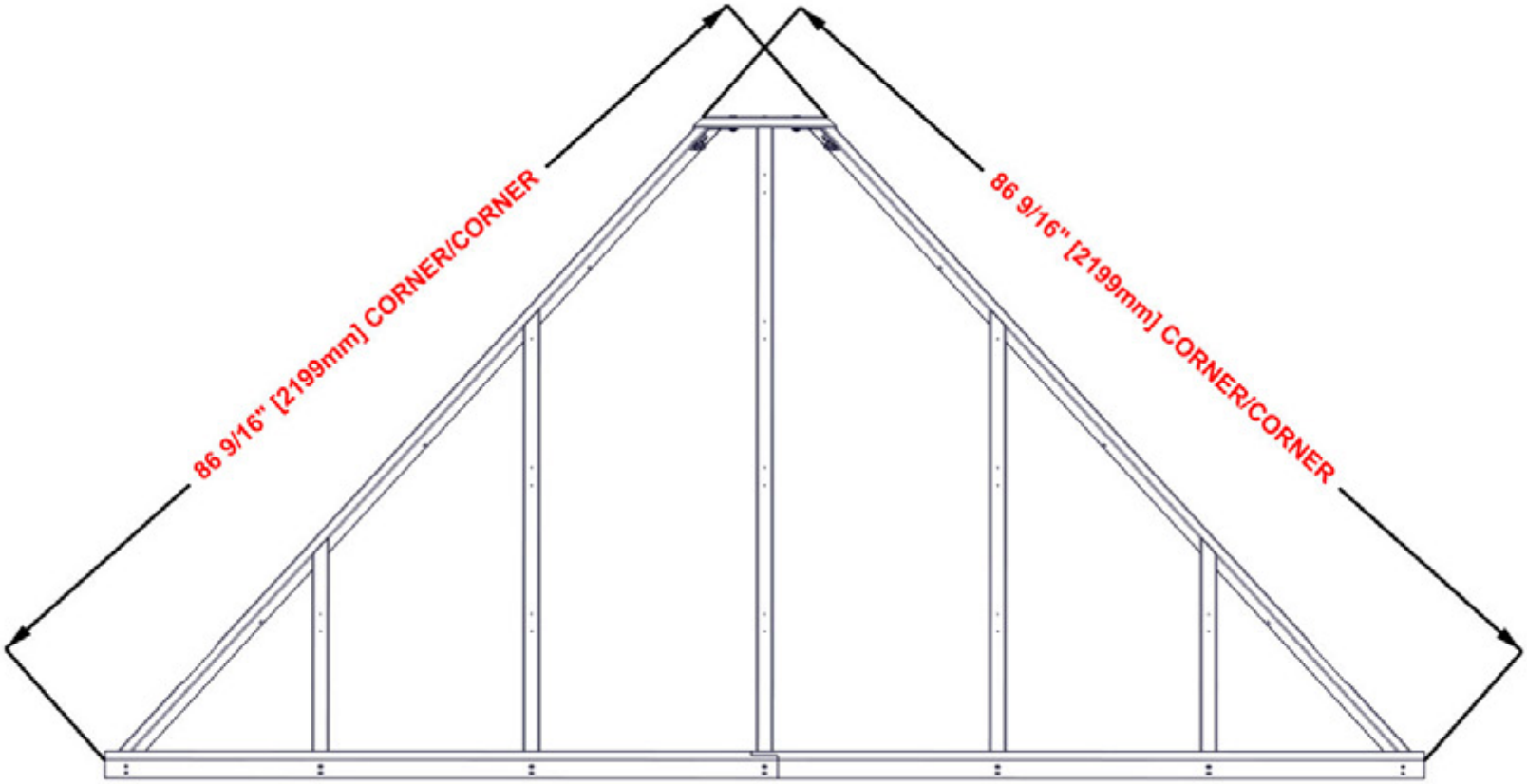
- USING THE Q01 BOARDS AS A GUIDE AND A 1/8" DRILL BIT, DRILL PILOT HOLES INTO H02 AND H03 BOARDS USING THE DIMENSIONS BELOW.
- RAFTERS MAY NEED TO BE LOOSENED TO ATTACH THE Q01 BOARDS TO H02 AND H03.



STEP 33 - FRONT/BACK ROOF PANEL ASSEMBLY

- LOOSEN HARDWARE TO ADJUST FOR SQUARING IF NEEDED.

CRITICAL:
- SQUARE UNIT BEFORE PROCEEDING TO NEXT STEPS.
- THE BELOW DIMENSIONS ARE CRITICAL TO THE FINAL ROOF ASSEMBLY.
- DIMENSIONS ARE FROM CORNER TO CORNER OF ROOF PANEL.
- MEASUREMENTS SHOULD BE WITHIN +/- 1/4".
- MEASUREMENTS OUTSIDE OF TOLERANCE WILL LEAD TO THE INABILITY TO ASSEMBLE THE ROOF.
- ONCE SQUARE, TIGHTEN ALL HARDWARE FROM PREVIOUS STEPS.



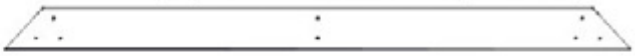
STEP 34 - FRONT/BACK ROOF PANEL ASSEMBLY



H14 PURLIN - W4L16809
(x2) 15/16"x3 3/8"x50 13/16" (24x86x1290)

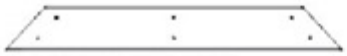


H15 PURLIN - W4L16810
(x1) 15/16"x3 3/8"x74 15/16" (24x86x1904)



H16 PURLIN - W4L16811
(x1) 15/16"x3 3/8"x50 11/16" (24x86x1288)

QTY	PART NUMBER	DESCRIPTION
40	H100391	SCREW PFH 8x2 BLK

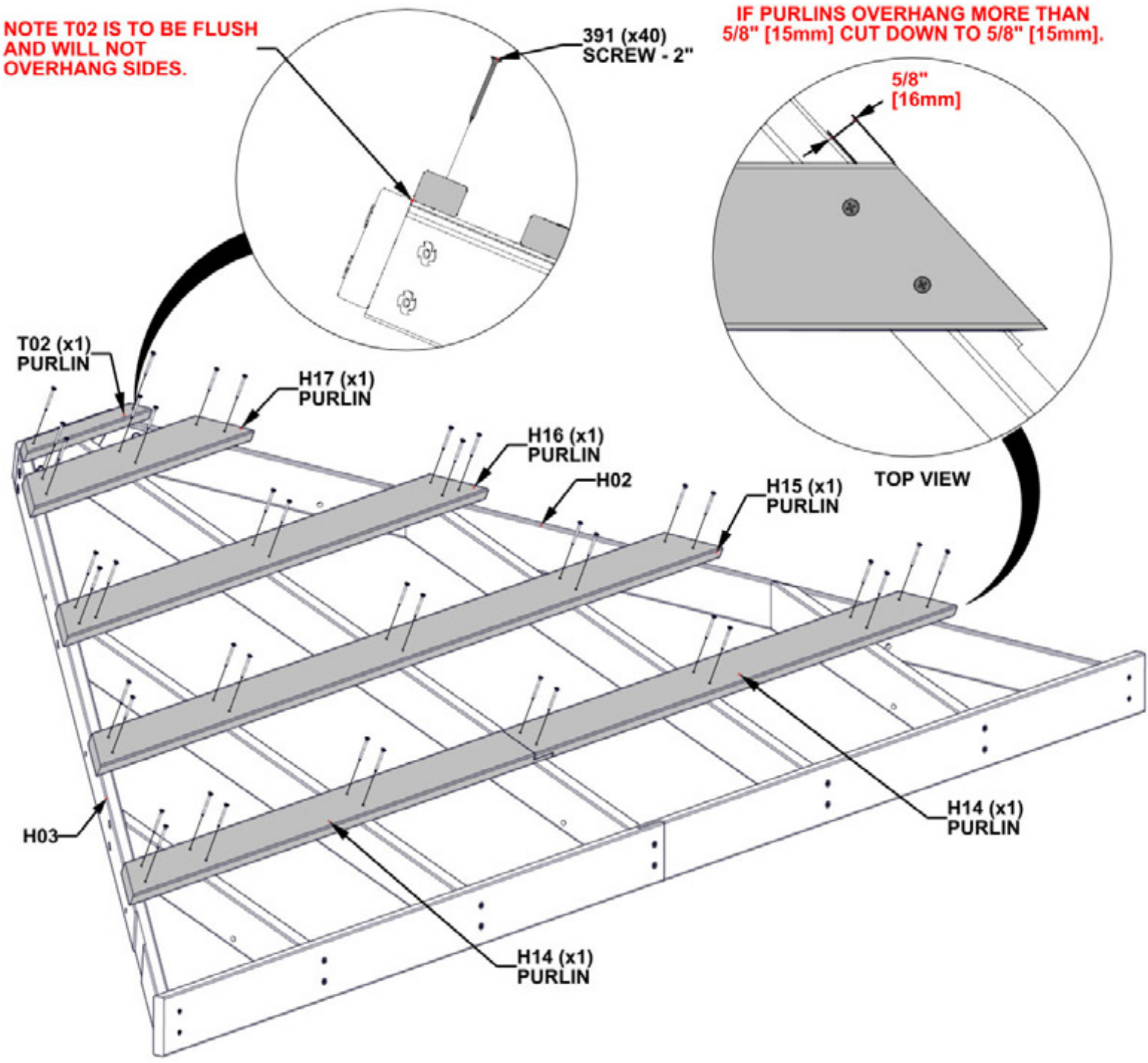


H17 PURLIN - W4L16812
(x1) 15/16"x3 3/8"x26 1/2" (24x86x673)



T02 PURLIN - W4L16813
(x1) 15/16"x1 5/16"x15" (24x34x382)

- ALIGN PURLIN PILOT HOLES WITH RAFTER PILOT HOLES.
- ATTACH SCREWS FROM THE CENTER AND WORK OUTWARDS.
- H02 AND H03 BOARDS DO NOT HAVE PILOT HOLES FOR THE OUTSIDE EDGE SCREWS.
- USING THE PURLINS AS A GUIDE AND A 1/8" [3mm] DRILL BIT AND DRILL PILOT HOLES INTO H02 AND H03.



STEP 35 - FRONT/BACK ROOF PANEL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
16	H100833	SCREW WOODGRIP 10-16x3/4



A4M02901-2 29 GA STEEL SHEETING (x1)



A4M03439-01 29GA STEEL SHEETING (x1)



A4M03439-02 29GA STEEL SHEETING (x1)

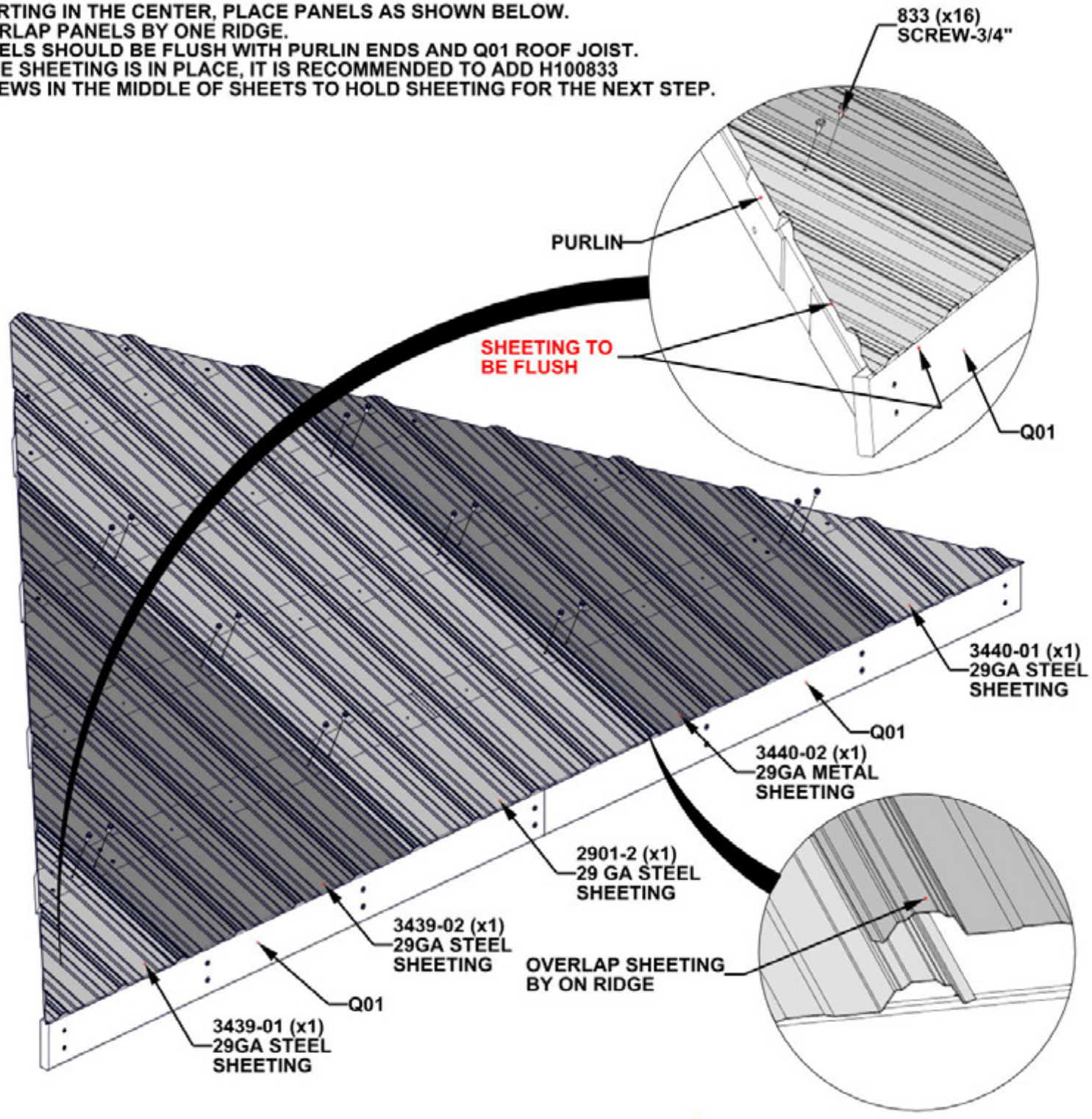


A4M03440-02 29GA STEEL SHEETING (x1)



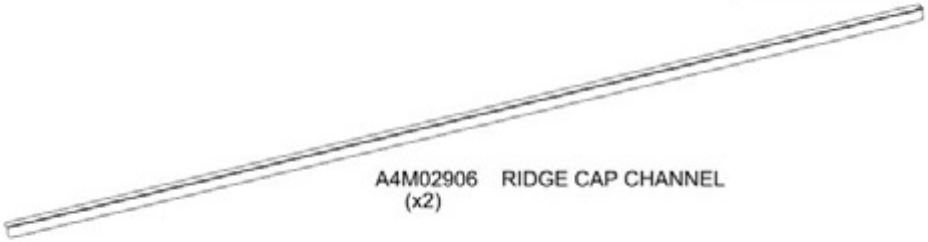
A4M03440-01 29GA STEEL SHEETING (x1)

- WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL ROOF PIECES.
- REMOVE BLUE PROTECTIVE FILM.
- STARTING IN THE CENTER, PLACE PANELS AS SHOWN BELOW.
- OVERLAP PANELS BY ONE RIDGE.
- PANELS SHOULD BE FLUSH WITH PURLIN ENDS AND Q01 ROOF JOIST.
- ONCE SHEETING IS IN PLACE, IT IS RECOMMENDED TO ADD H100833 SCREWS IN THE MIDDLE OF SHEETS TO HOLD SHEETING FOR THE NEXT STEP.



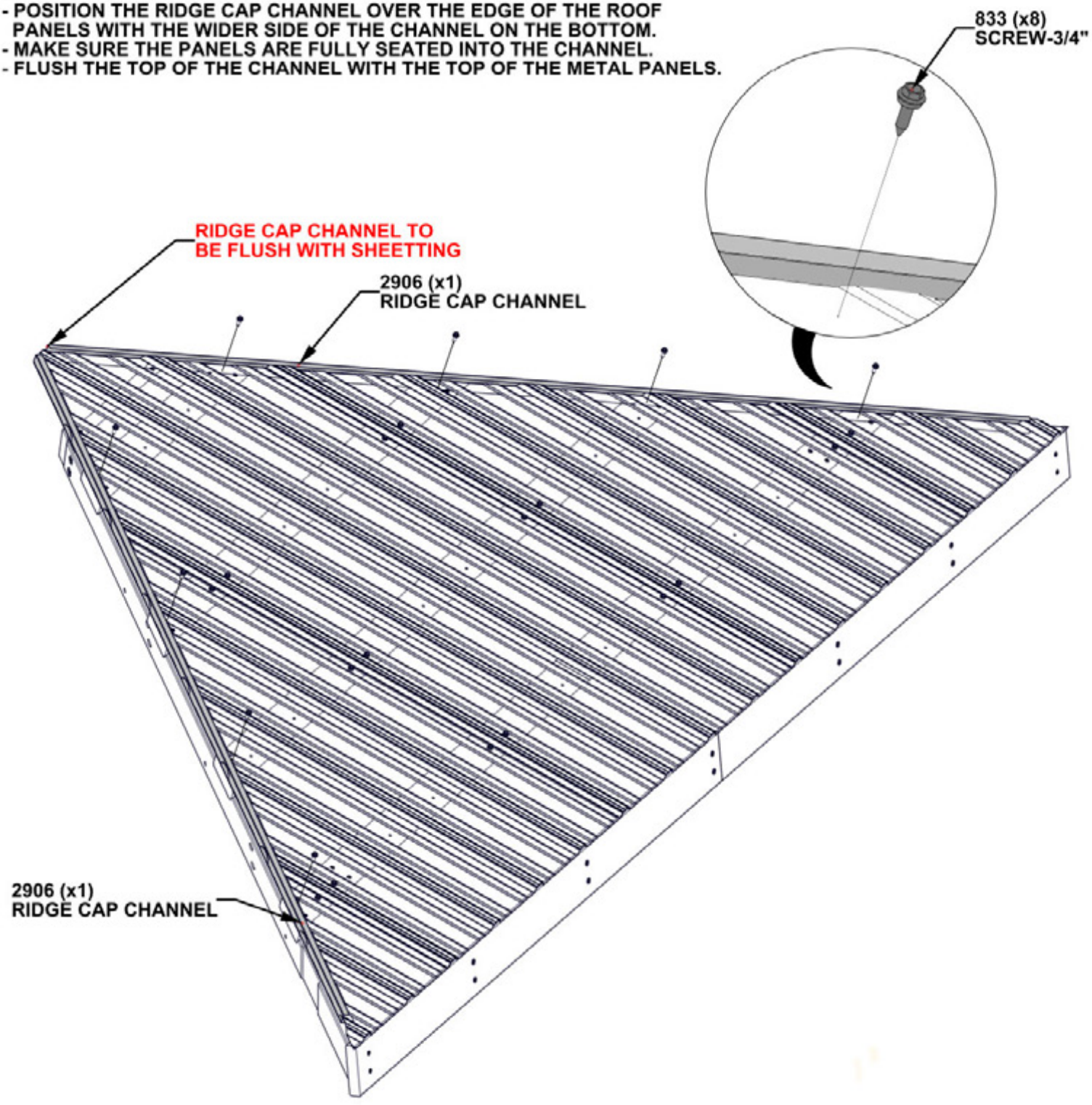
STEP 36 - FRONT/BACK ROOF PANEL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
8	H100833	SCREW WOODGRIP 10-16x3/4



A4M02906 RIDGE CAP CHANNEL
(x2)

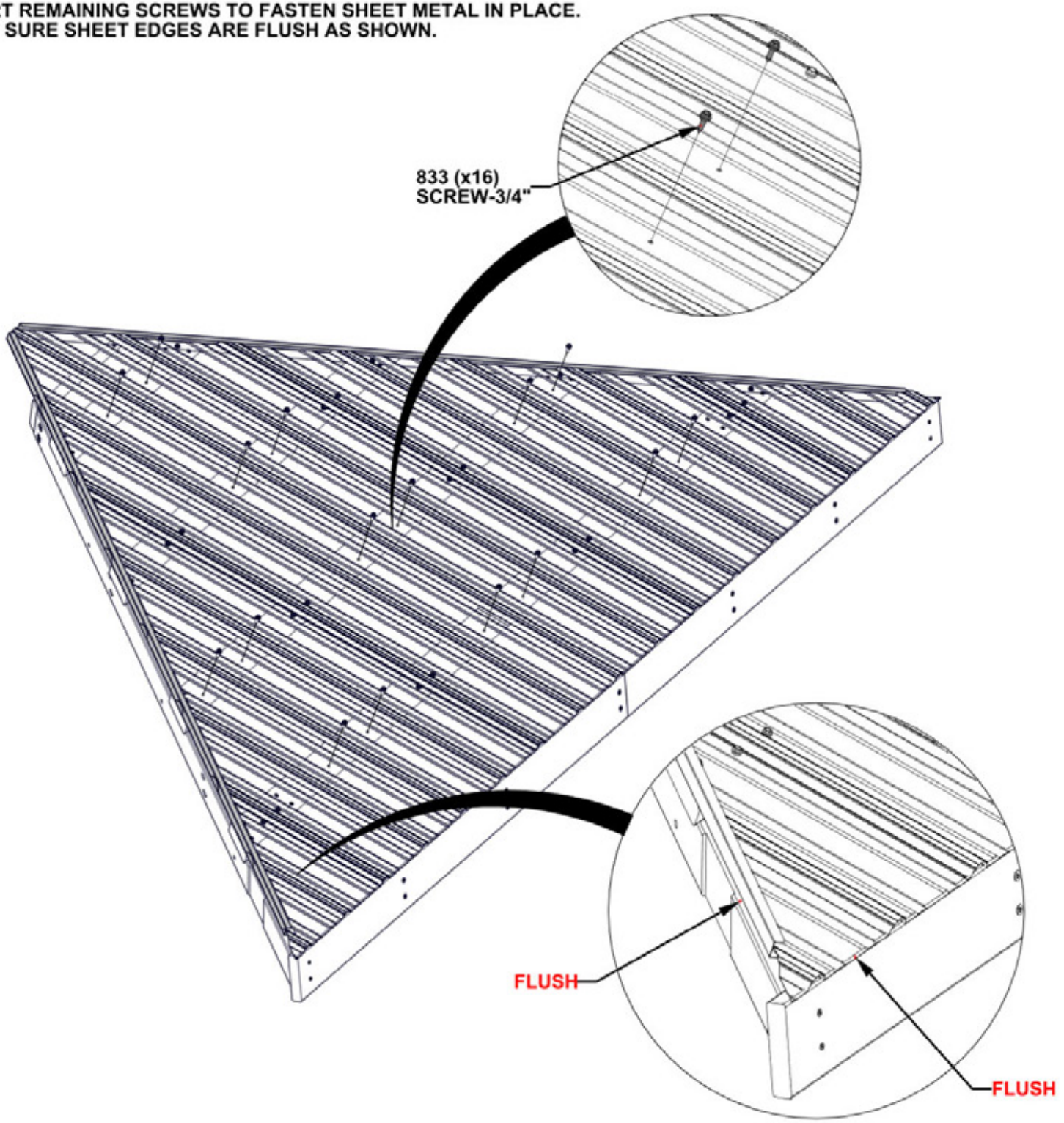
- REMOVE PROTECTIVE BLUE FILM.
- POSITION THE RIDGE CAP CHANNEL OVER THE EDGE OF THE ROOF PANELS WITH THE WIDER SIDE OF THE CHANNEL ON THE BOTTOM.
- MAKE SURE THE PANELS ARE FULLY SEATED INTO THE CHANNEL.
- FLUSH THE TOP OF THE CHANNEL WITH THE TOP OF THE METAL PANELS.



STEP 37 - FRONT/BACK ROOF PANEL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
16	H100833	SCREW WOODGRIP 10-16x3/4

- INSERT REMAINING SCREWS TO FASTEN SHEET METAL IN PLACE.
- MAKE SURE SHEET EDGES ARE FLUSH AS SHOWN.

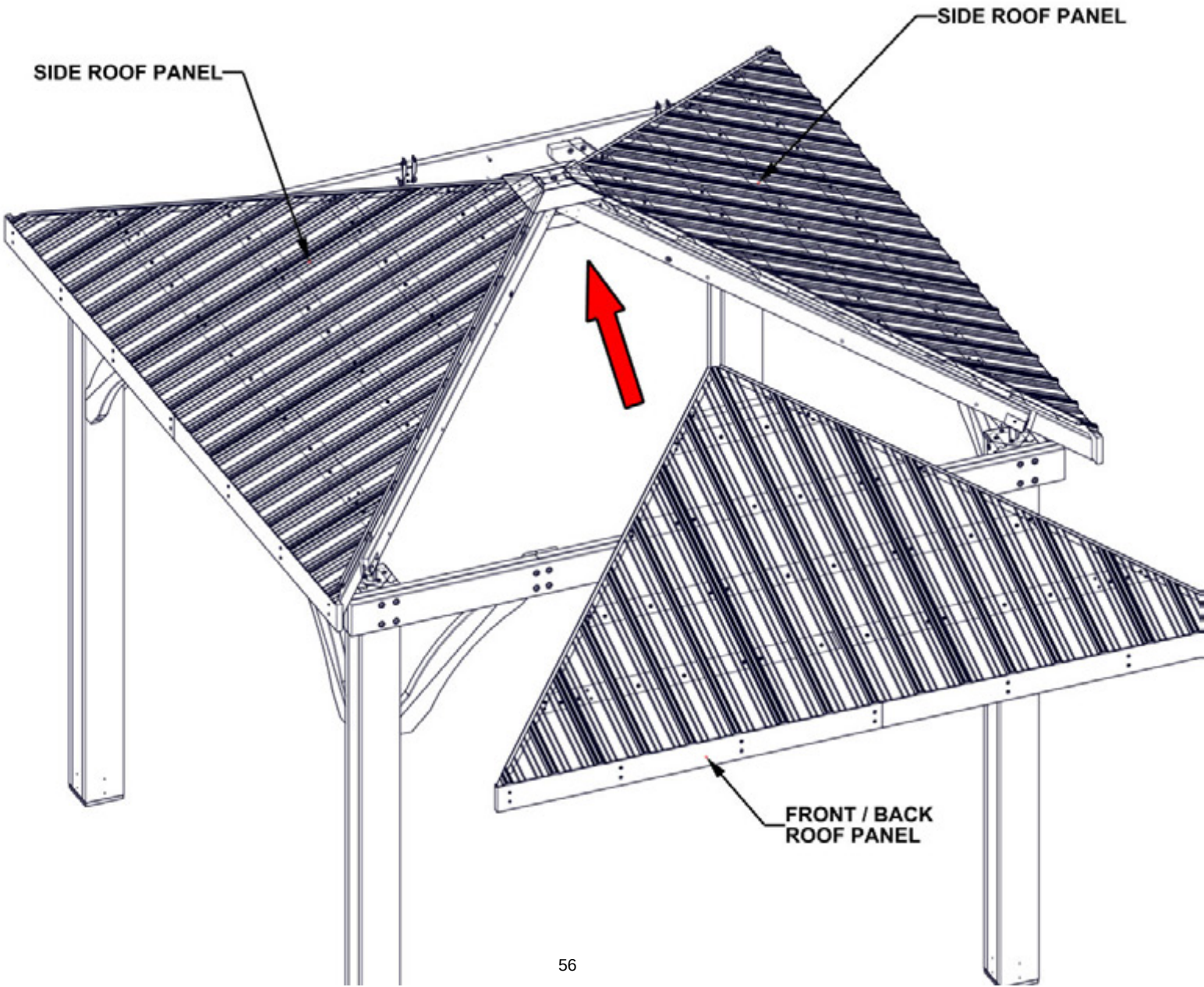


REPEAT PREVIOUS STEPS 28 THROUGH 37 TO BUILD SECOND FRONT/BACK ROOF PANEL

STEP 38 - ROOF PANEL ATTACHMENT

- 3 PEOPLE ARE RECOMMENDED FOR THIS STEP.
- POSITION A PERSON ON A LADDER IN THE CENTER OF THE GAZEBO TO HELP SUPPORT THE ROOF PANEL.
- WITH 2 PEOPLE, WORK THE PANEL UP WITHOUT SLIDING OR DRAGGING, UNTIL IT MEETS THE ROOF SUPPORT FRAME.
- MAKE SURE THE ROOF PANEL SLIDES UNDERNEATH THE RIDGE CAP.

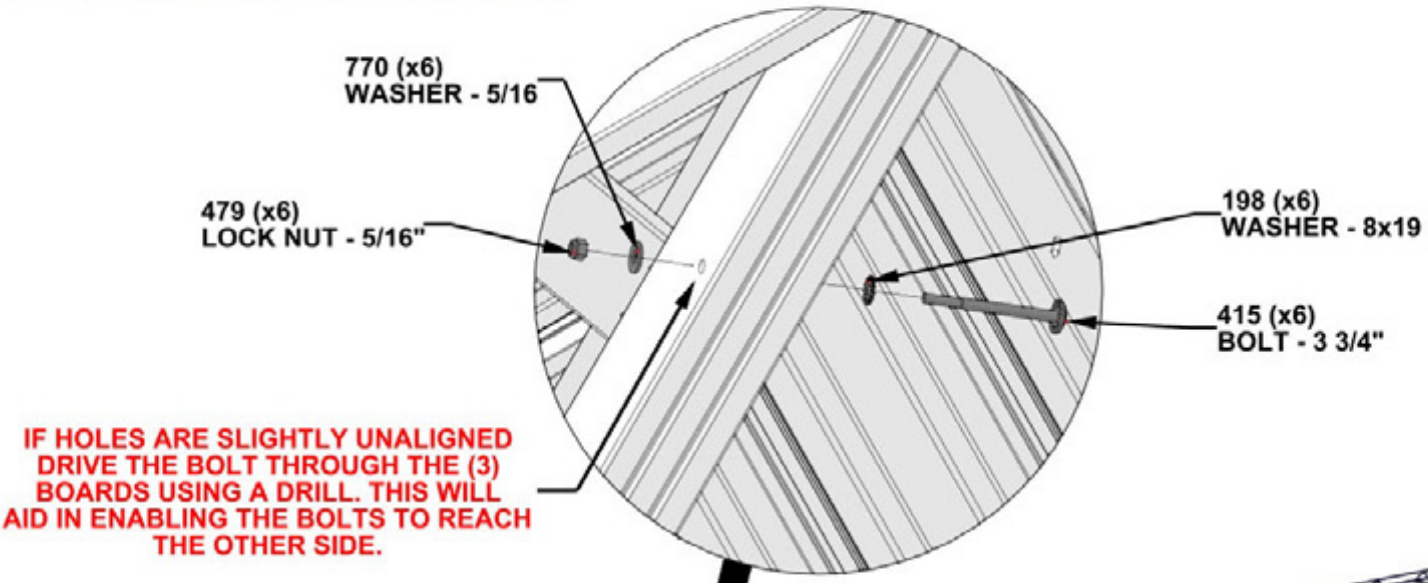
SEE NEXT STEP FOR ROOF PANEL HARDWARE ATTACHMENT



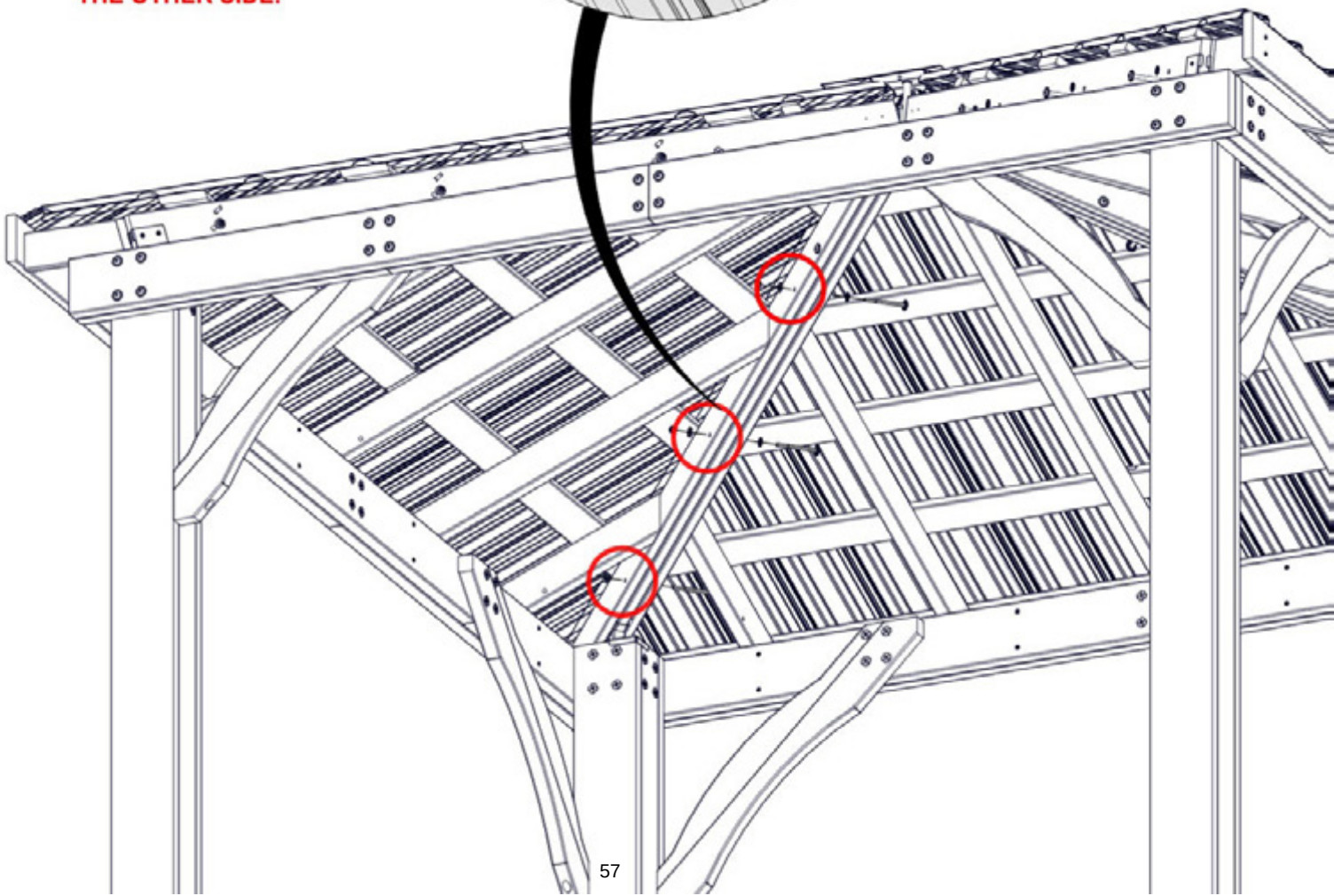
STEP 39 - ROOF PANEL ATTACHMENT

QTY	PART NUMBER	DESCRIPTION
6	H100198	WASHER LOCK EXT 8x19
6	H100415	BOLT WH 5/16x3 3/4 BLK
6	H100479	NUT LOCK 5/16 BLK
6	H100770	WASHER FLAT 5/16 BLK

- HAND TIGHTEN ONLY.
- REPEAT ON ALL PANEL EDGES AS SHOWN.



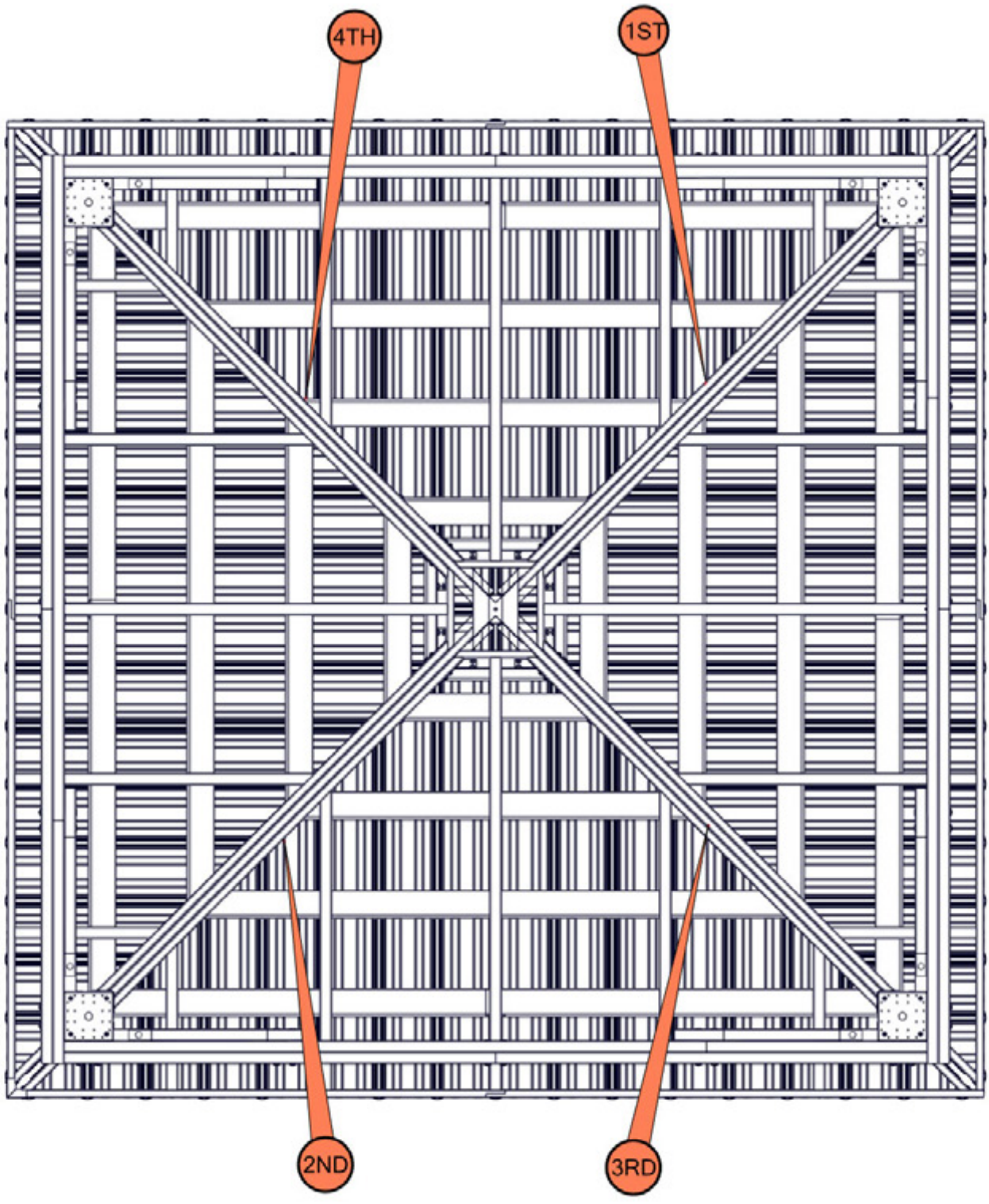
IF HOLES ARE SLIGHTLY UNALIGNED DRIVE THE BOLT THROUGH THE (3) BOARDS USING A DRILL. THIS WILL AID IN ENABLING THE BOLTS TO REACH THE OTHER SIDE.



REPEAT FRONT/BACK ROOF PANEL INSTALLATION STEPS 38 & 39

STEP 40 - ROOF PANEL ASSEMBLY

TIGHTEN ALL THE HARDWARE IN THE ORDER SHOWN BELOW.
START AT THE TOP AND WORK YOUR WAY DOWN.



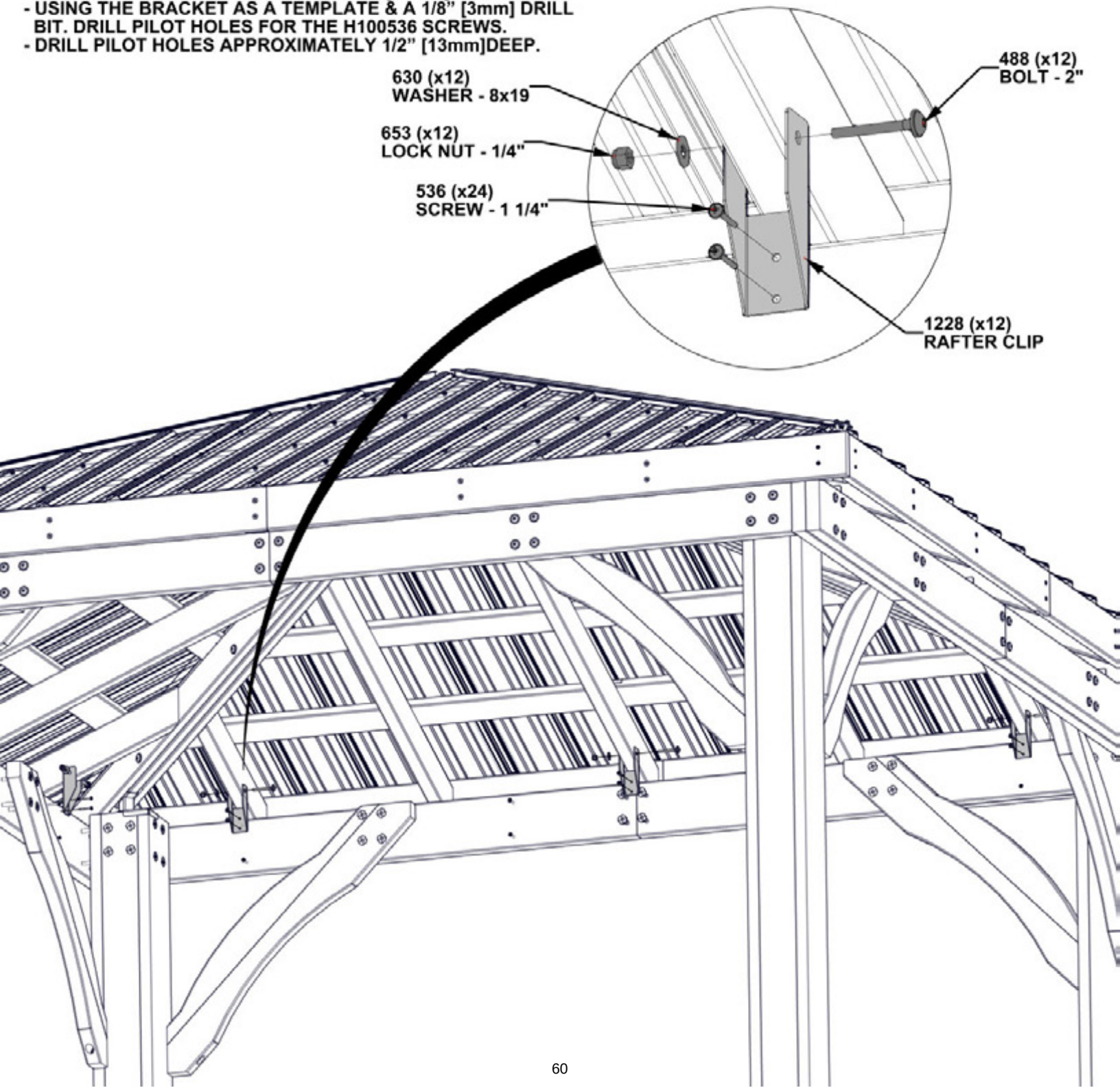
STEP 41 - ROOF TRIM ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
12	H100488	BOLT WH 1/4x2 BLK
24	H100536	SCREW PWH 8x1 1/4 BLK
12	H100630	WASHER FLAT 8x19 BLK
12	H100653	NUT LOCK 1/4 BLK



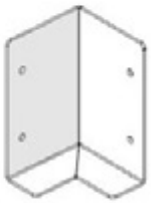
A4M01228 RAFTER CLIP
(x12)

- ATTACH RAFTER CLIPS FIRST WITH 2" [51mm] BOLTS.
- USING THE BRACKET AS A TEMPLATE & A 1/8" [3mm] DRILL BIT. DRILL PILOT HOLES FOR THE H100536 SCREWS.
- DRILL PILOT HOLES APPROXIMATELY 1/2" [13mm]DEEP.



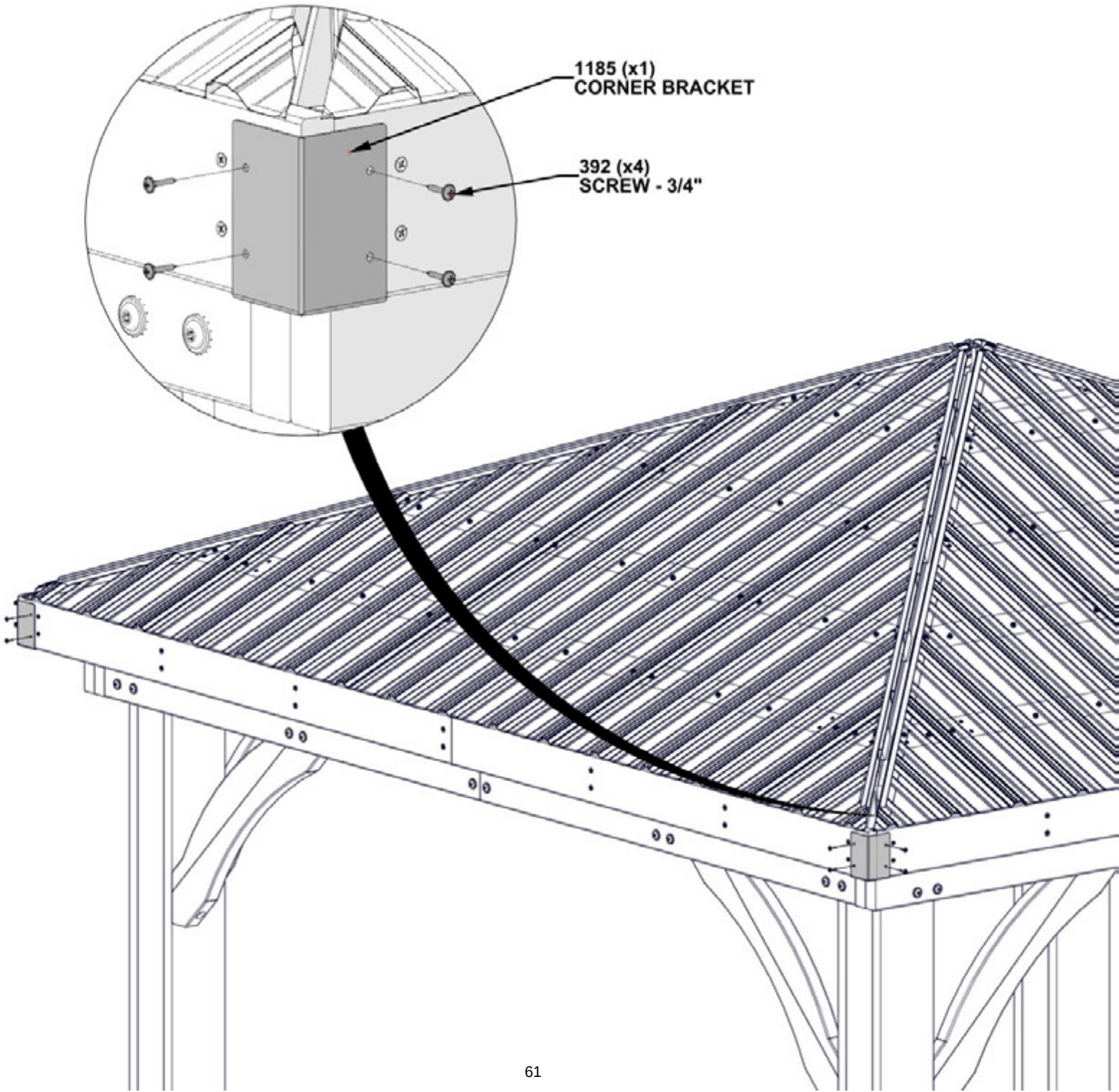
STEP 42 - ROOF TRIM ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
16	H100392	SCREW PWH 8x3/4 BLK



A4M01185 CORNER BRACKET
(x4)

- USING THE CORNER BRACKETS AS A GUIDE & 1/8" [3mm] DRILL BIT, PREDRILL HOLES AT EACH BRACKET LOCATION.
- REPEAT THIS STEP ON THE 3 REMAINING CORNERS.



STEP 43 - DRIP EDGE ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
32	H100833	SCREW WOODGRIP 10-16x3/4



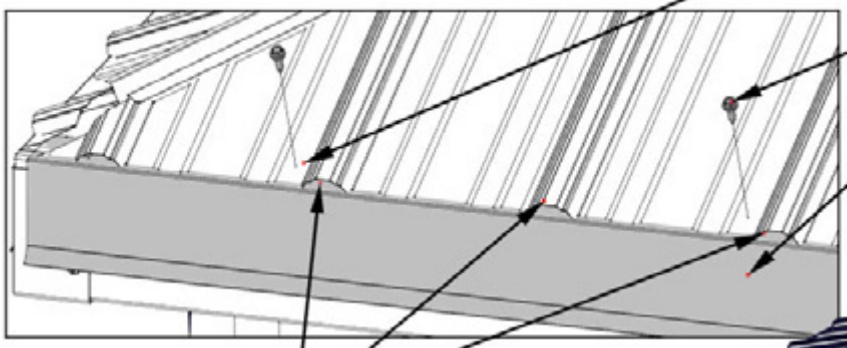
A4M03442 DRIP EDGE
(x8)



A4M03410 DRIP EDGE SPLICE
(x4)

- WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL DRIP EDGE PIECES.
- REMOVE PROTECTIVE BLUE FILM
- REPEAT THIS STEP FOR ALL 4 SIDES.
- INSERT 1 DRIP EDGE INTO EACH SIDE OF THE SPLICE SO THEY MEET IN THE CENTER.
- INSERT THE DRIP EDGE ASSEMBLY UNDER THE ROOF SHEETING, AND ON TOP OF THE ROOF JOIST.
- SEE THE DETAILS BELOW.

ONCE DRIP EDGE IS PUSHED UNDER ROOF SHEETING ATTACH USING H100833 SCREWS. START AT LOCATION SHOWN APPROXIMATELY 1" [25mm] UP FROM BOTTOM OF SHEETING AND NEXT TO HIGH RIDGE IN SHEETING. WORK LEFT TO RIGHT AND SKIP EVERY OTHER HIGH RIDGE AS SHOWN.



833 (x32)
SCREW-3/4"

DRIP EDGE

HIGH RIDGES IN SHEETING

ROOF SHEETING

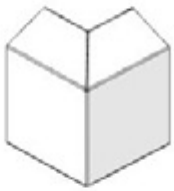
ROOF JOIST

3442 (x2)
DRIP EDGE

3410 (x1)
DRIP EDGE SPLICE

STEP 44 - ROOF TRIM ASSEMBLY

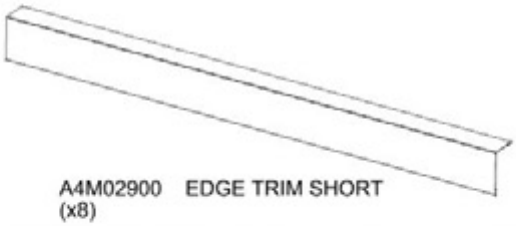
QTY	PART NUMBER	DESCRIPTION
32	H100759	SCREW SELF TAPPING 1/4x1



A4M02825 EDGE TRIM CORNER SPLICE
(x4)

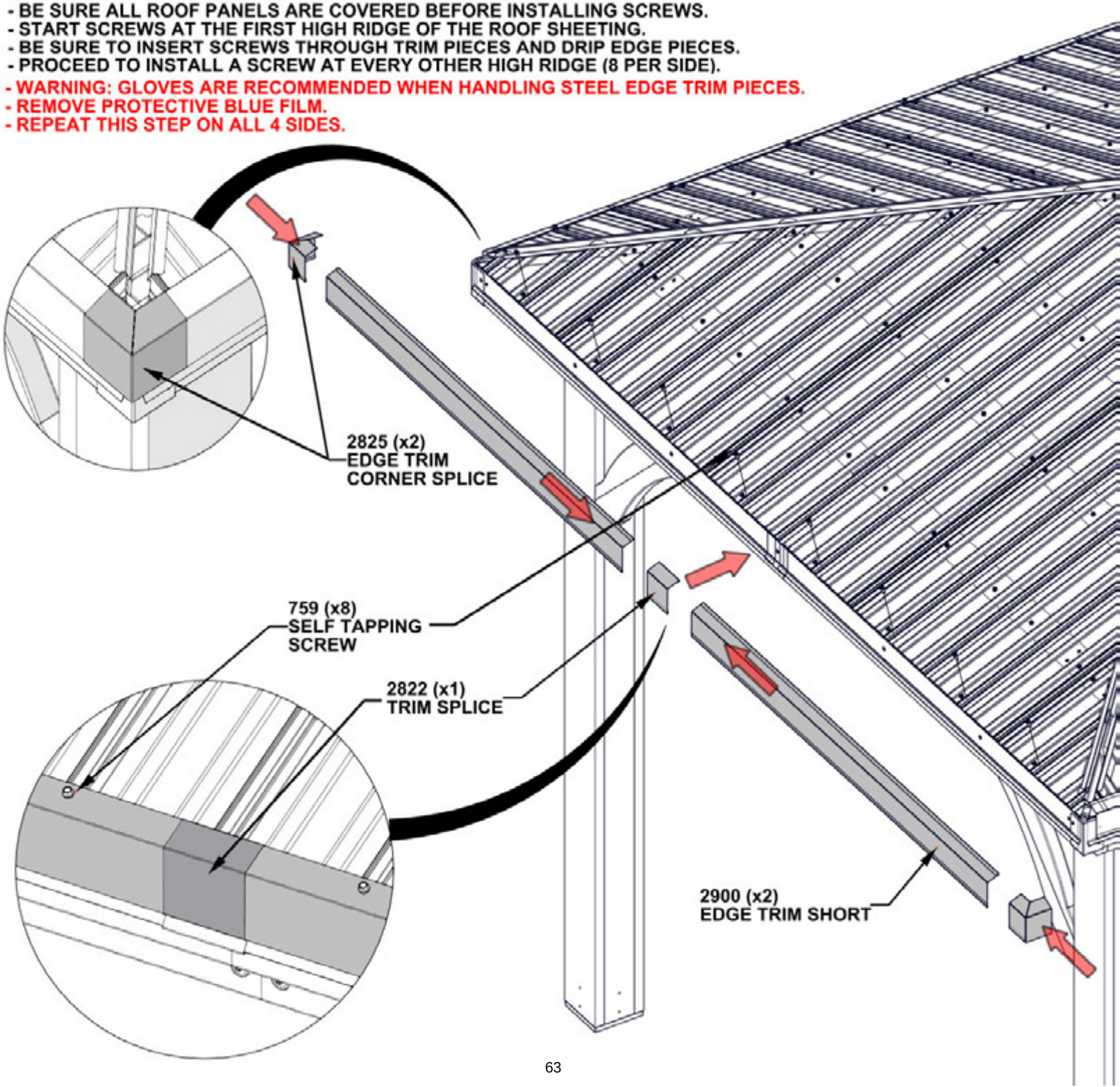


A4M02822 TRIM SPLICE
(x4)



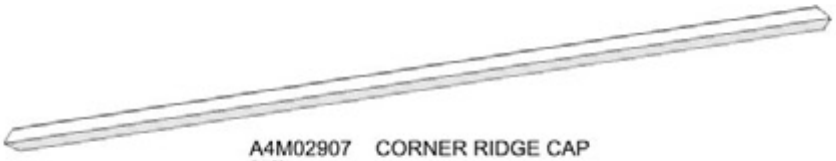
A4M02900 EDGE TRIM SHORT
(x8)

- SLIDE EDGE TRIM PIECES INTO EACH SIDE OF THE EDGE TRIM SPLICE AND CORNER SPLICE.
- CENTER THE EDGE TRIM ASSEMBLY OVER THE EDGE OF THE ROOF.
- BE SURE ALL ROOF PANELS ARE COVERED BEFORE INSTALLING SCREWS.
- START SCREWS AT THE FIRST HIGH RIDGE OF THE ROOF SHEETING.
- BE SURE TO INSERT SCREWS THROUGH TRIM PIECES AND DRIP EDGE PIECES.
- PROCEED TO INSTALL A SCREW AT EVERY OTHER HIGH RIDGE (8 PER SIDE).
- WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL EDGE TRIM PIECES.
- REMOVE PROTECTIVE BLUE FILM.
- REPEAT THIS STEP ON ALL 4 SIDES.



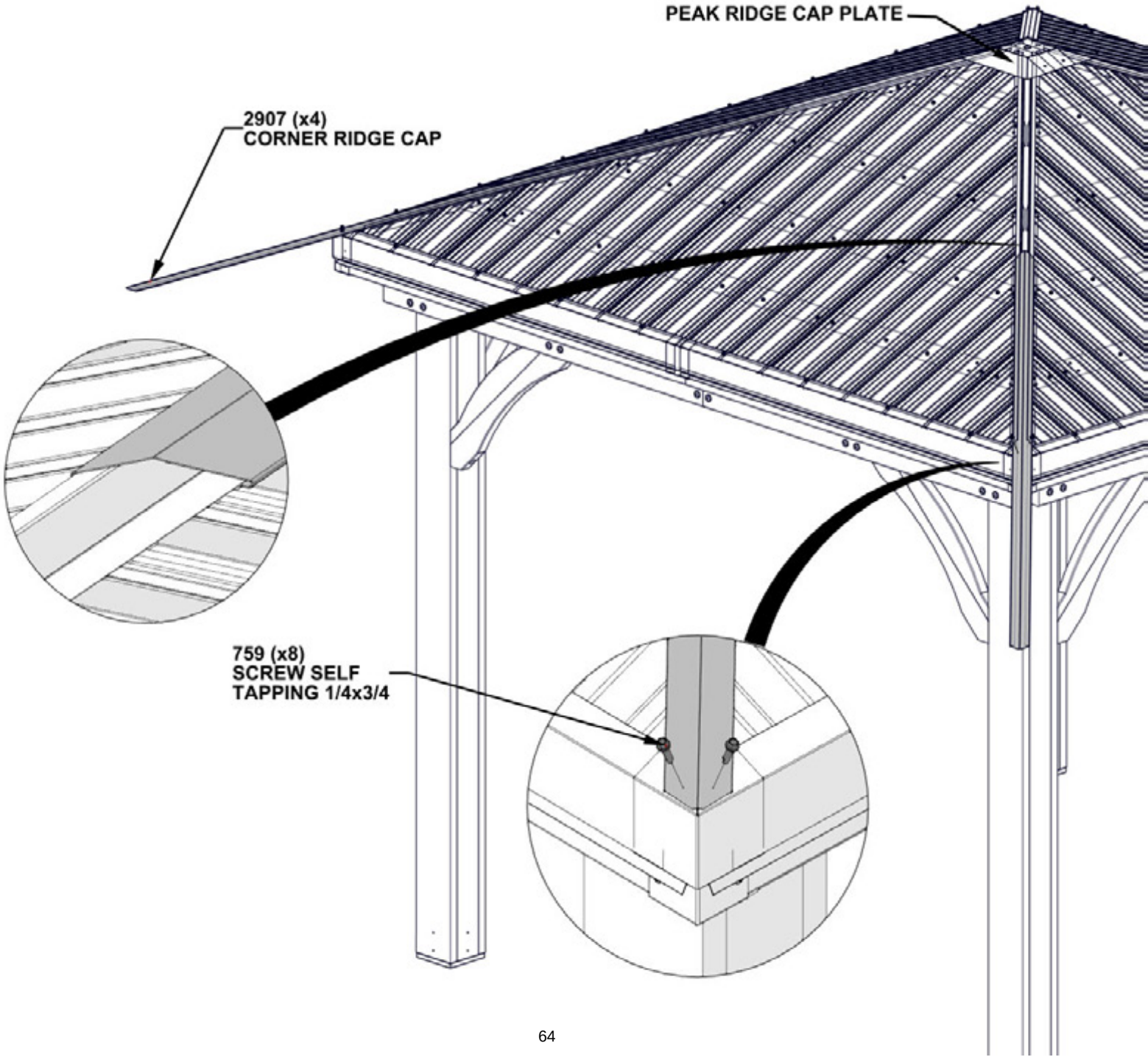
STEP 45 - ROOF ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
8	H100759	SCREW SELF TAPPING 1/4x1



A4M02907 CORNER RIDGE CAP
(x4)

- SLIDE LONG CORNER RIDGE CAP ONTO ROOF RIDGE CAP CHANNEL AS SHOWN.
- SLIDE THE END UNDER THE PEAK RIDGE CAP PLATE.
- THIS PIECE WILL BE SECURED INTO PLACE DUREING THE NEXT STEP.
- REMOVE PROTECTIVE BLUE FILM.
- REPEAT THIS STEP FOR ALL 4 CORNERS.



STEP 46 - ANCHORING HARDWARE

QTY	PART NUMBER	DESCRIPTION
32	H100471	LAG SCREW WH 5/16x1 1/2 BLK

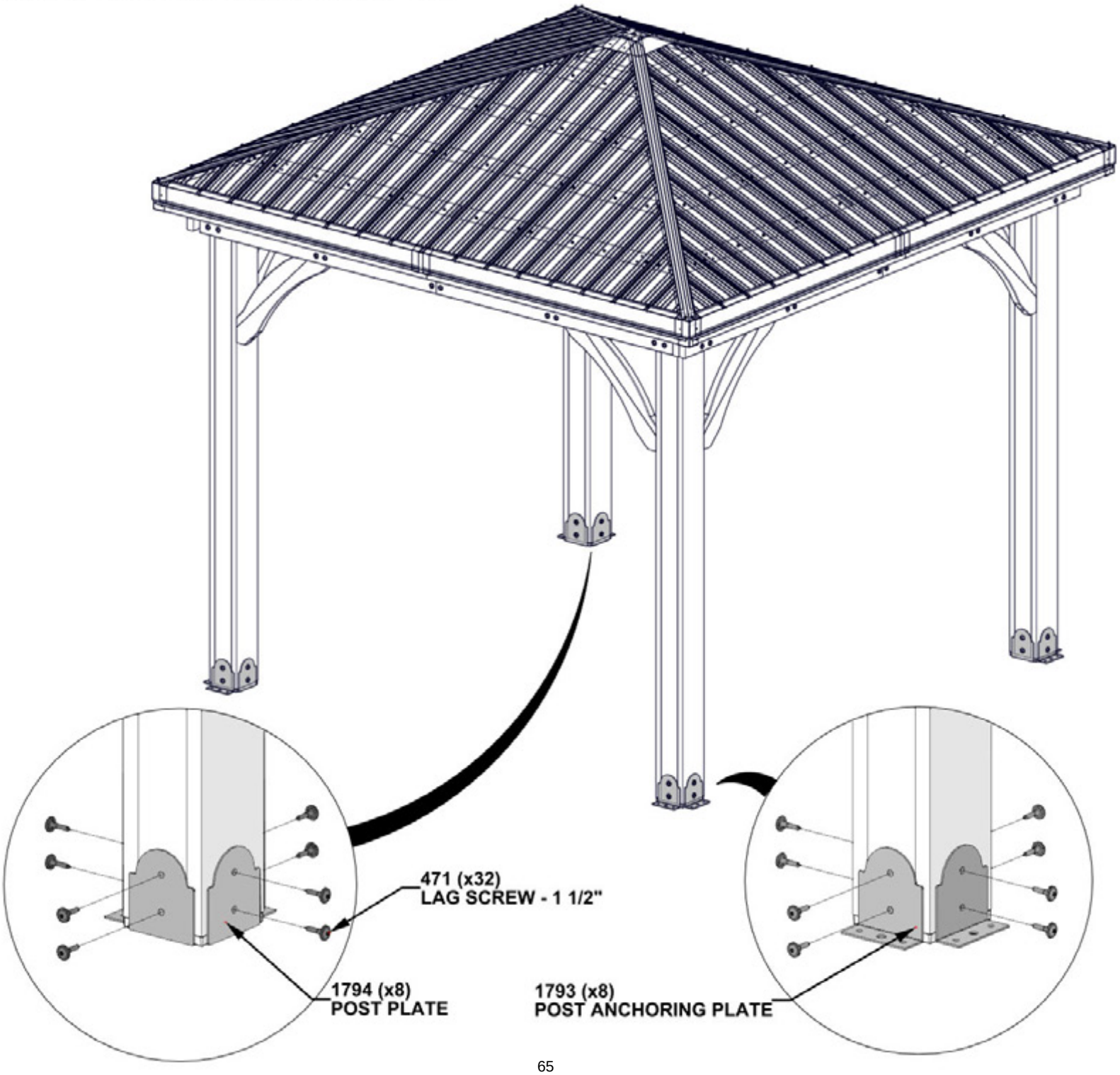


A4M01794 POST PLATE
(x8)



A4M01793 POST ANCHORING PLATE
(x8)

- ALL POST PLATES GO ON THE INSIDES OF THE POSTS AS SHOWN.
- ALL POST ANCHORING PLATES GO ON THE OUTSIDE OF THE POSTS AS SHOWN.
- ALIGN EACH PLATE WITH PILOT HOLES IN POST.

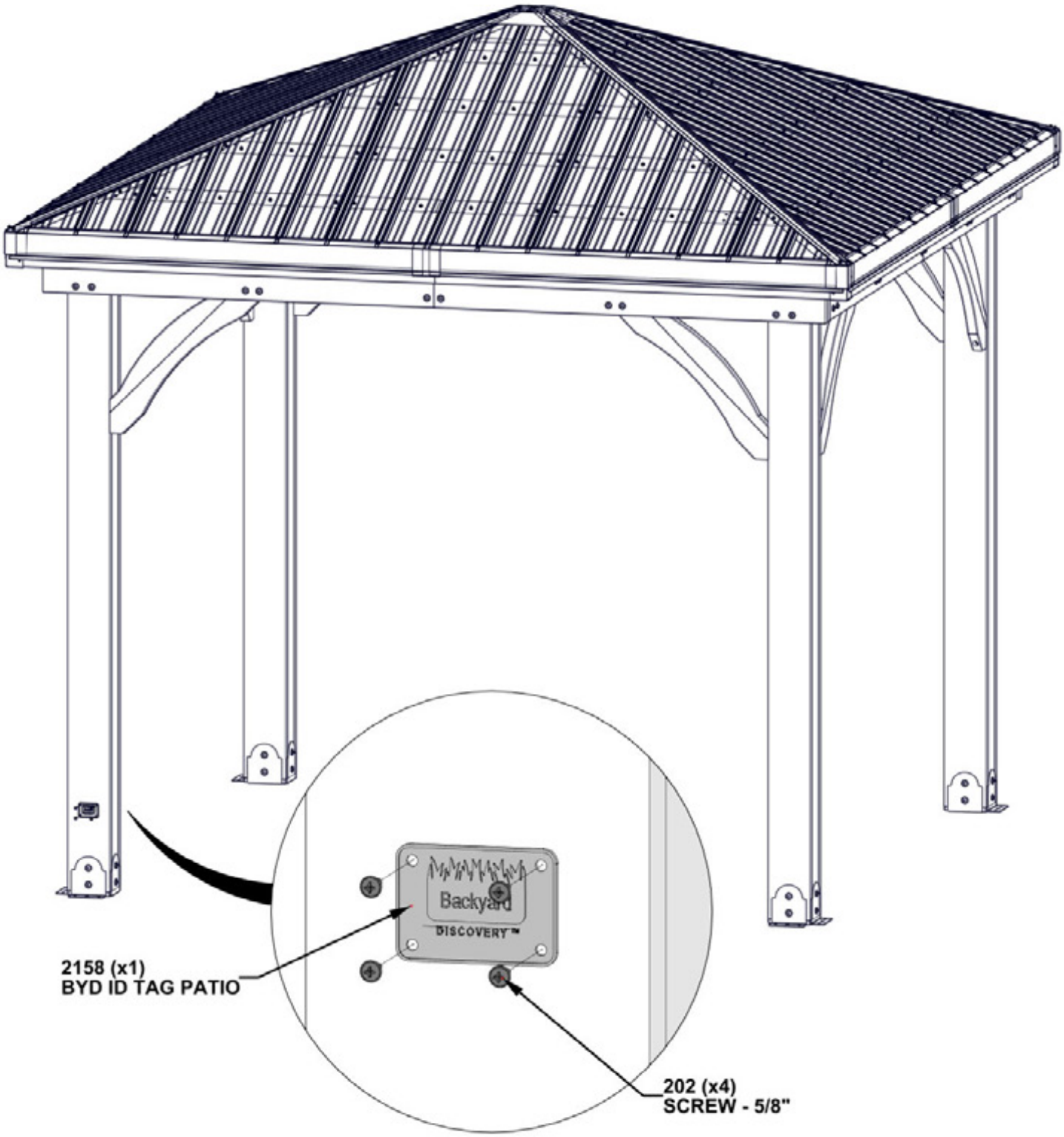


STEP 47 - ID TAG ATTACHMENT

QTY	PART NUMBER	DESCRIPTION
4	H100202	SCREW PWH 8x5/8 BLK



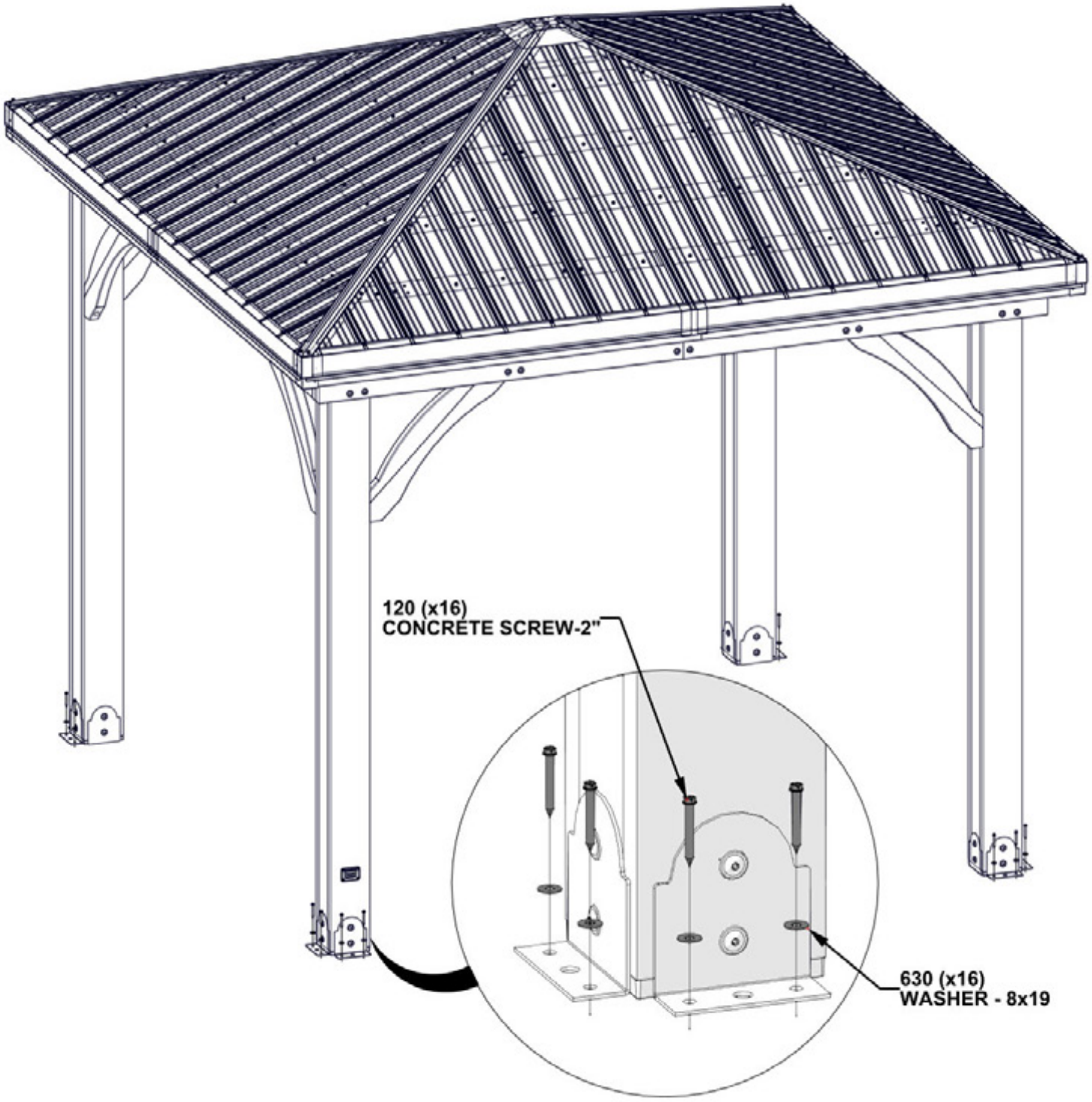
A4M02158 BYD ID TAG PATIO
(x1)



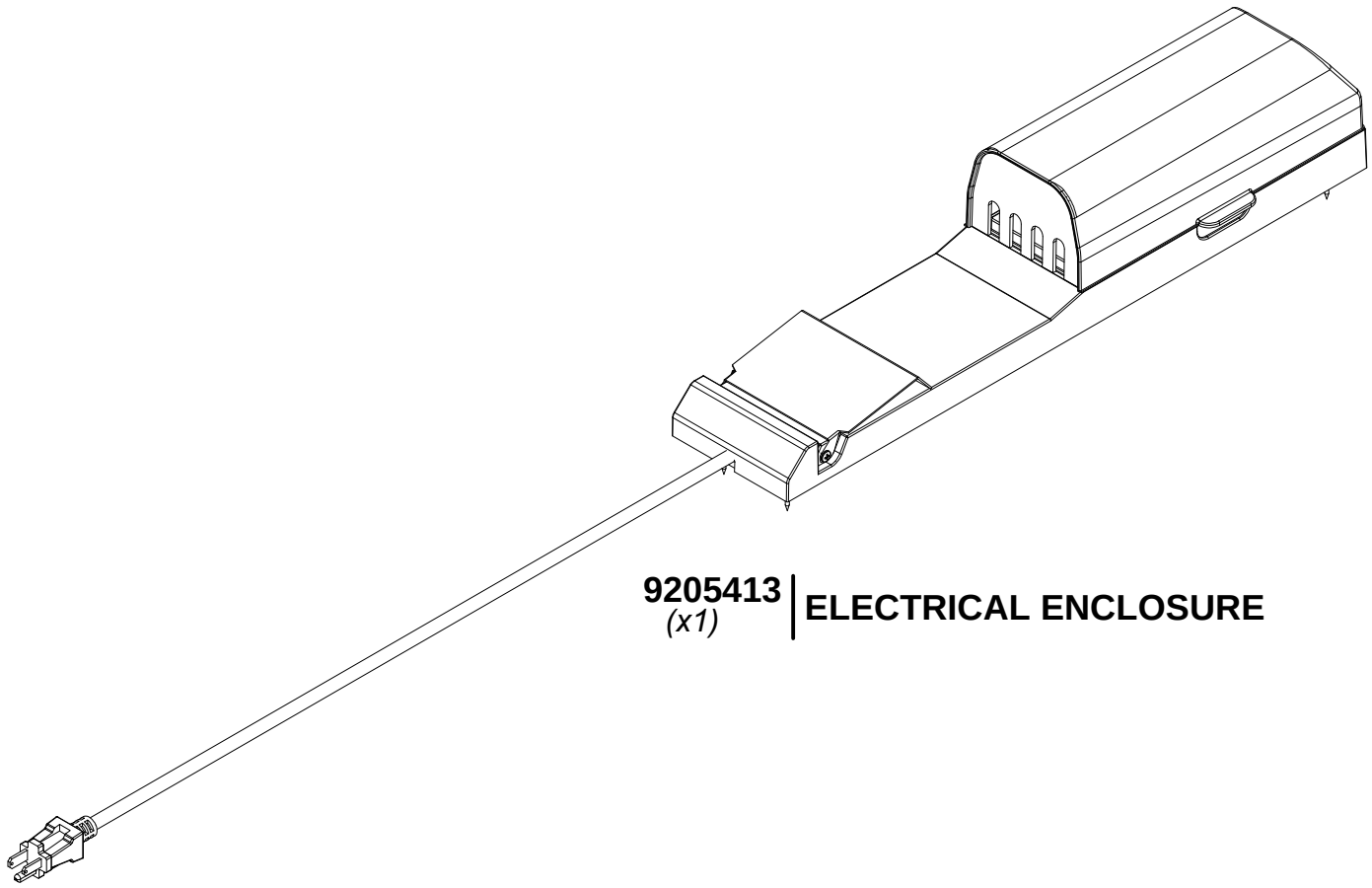
STEP 48 - GAZEBO ANCHORING

QTY	PART NUMBER	DESCRIPTION
16	H100120	CONCRETE ANCHOR 1/4"x2"
16	H100630	WASHER FLAT 8x19 BLK

- MANUFACTURER RECOMMENDS INSTALLATION ON CONCRETE SURFACE OR CONCRETE POST PADS AS SHOWN BELOW.
- FOR INSTALLATION ON A WOOD DECK, YOU MUSHT ENSURE THERE IS AMPLE STRUCTURAL SUPPORT UNDER DECK. HARDWARE NOT PROVIDED FOR DECK ATTACHMENT.



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FOR POWERPORT INSTALLATION REFER TO ASSEMBLY INSTRUCTIONS THAT COME PACKAGED WITH THE POWERPORT KIT. INSTALL ON ANY POST THAT IS DESIRED. FOLLOW DIRECTIONS FOR PROPER INSTALLATION.