



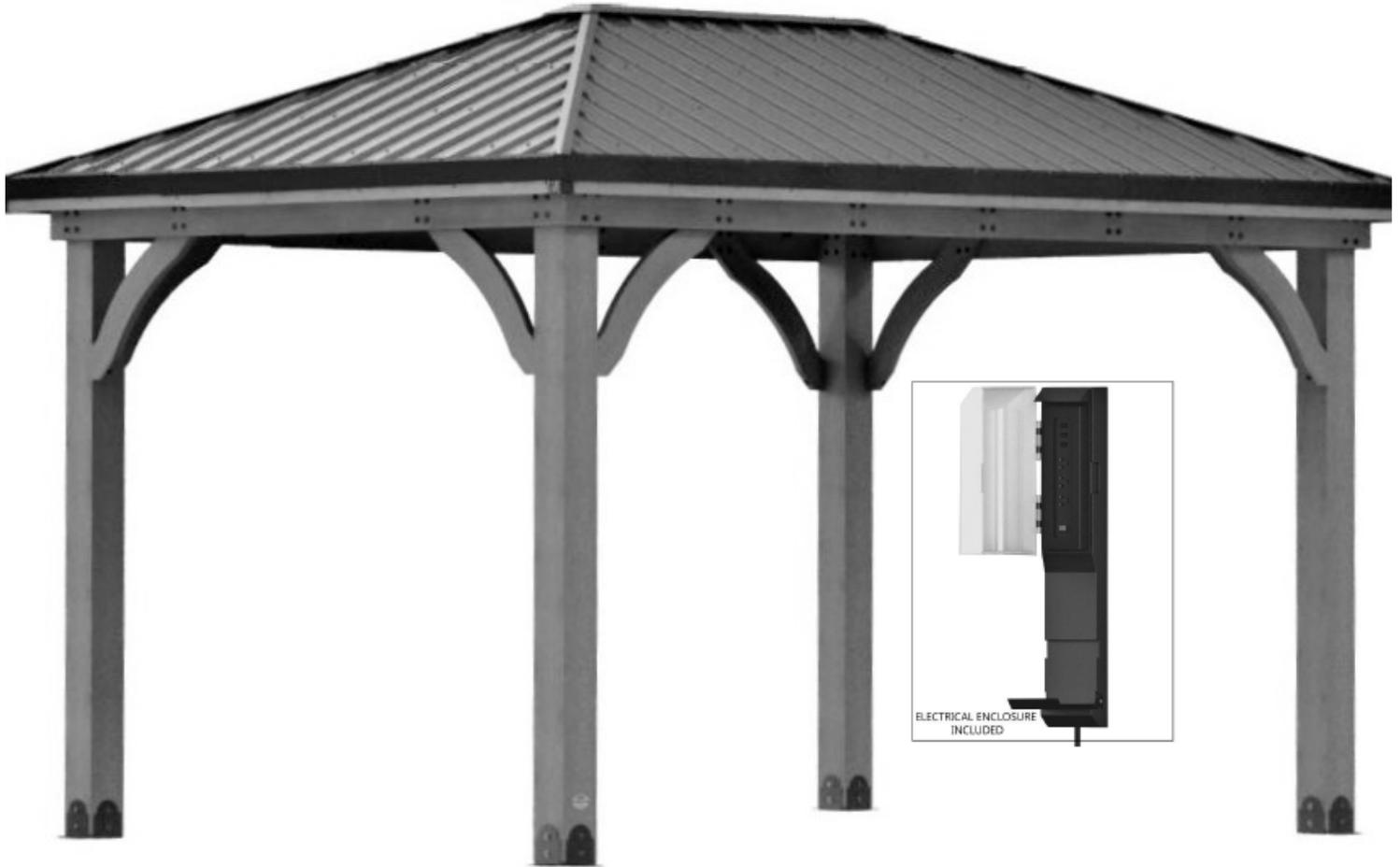
Manufactured by:  
Backyard Discovery  
3305 Airport Drive, Pittsburg, KS 66762  
800-856-4445

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

# 14x10 Cordova Gazebo

MODEL # : 2106536D

THE ASSEMBLY MANUAL MUST BE RETAINED SINCE  
IT CONTAINS IMPORTANT INFORMATION



Please visit [www.backyarddiscovery.com](http://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](http://www.backyarddiscovery.com)



EASY STEP-BY-STEP  
3D INTERACTIVE INSTRUCTIONS  
DOWNLOAD THE FREE APP



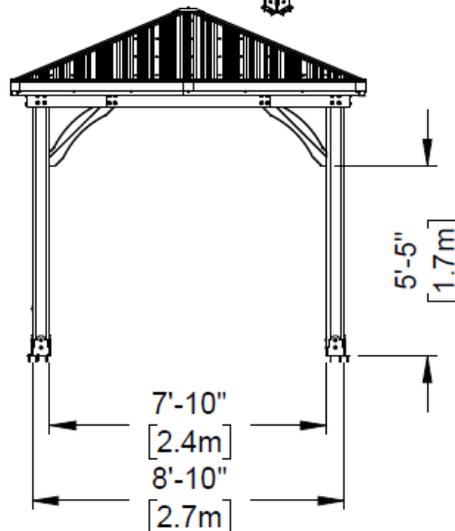
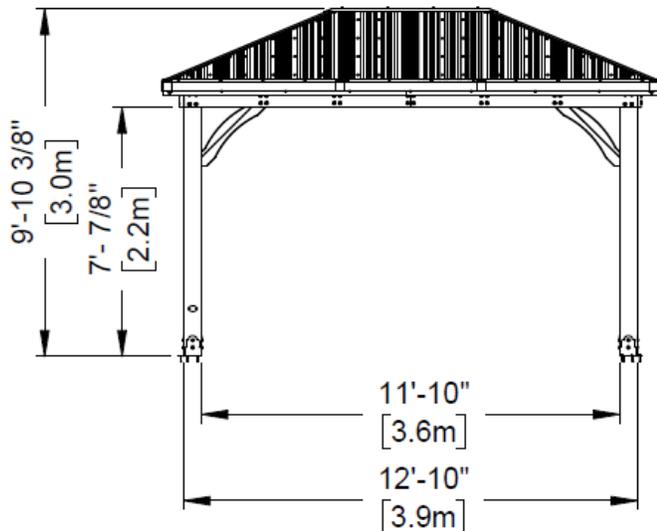
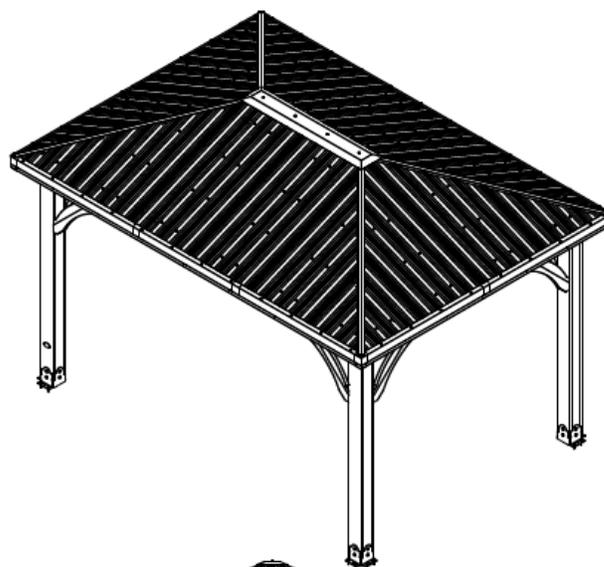
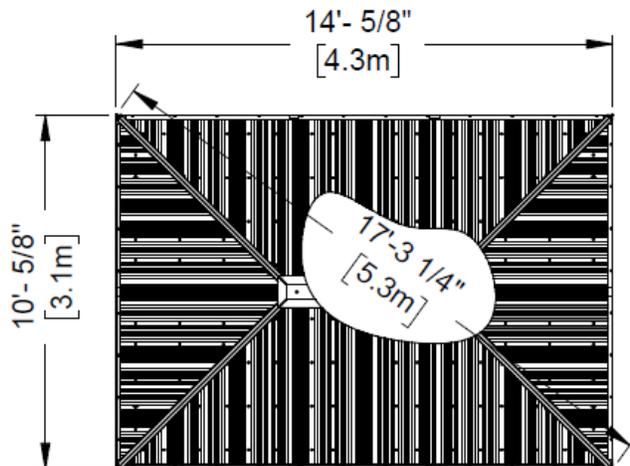
# OWNER'S MANUAL - BASIC SETUP DIMENSIONS & ASSEMBLY NOTES

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

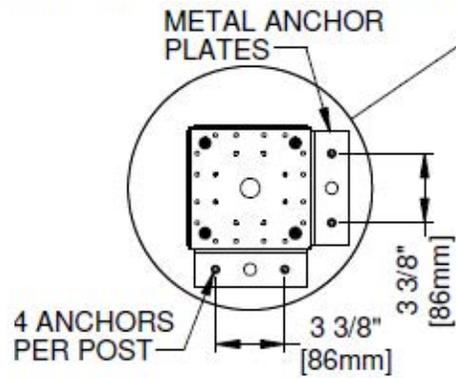
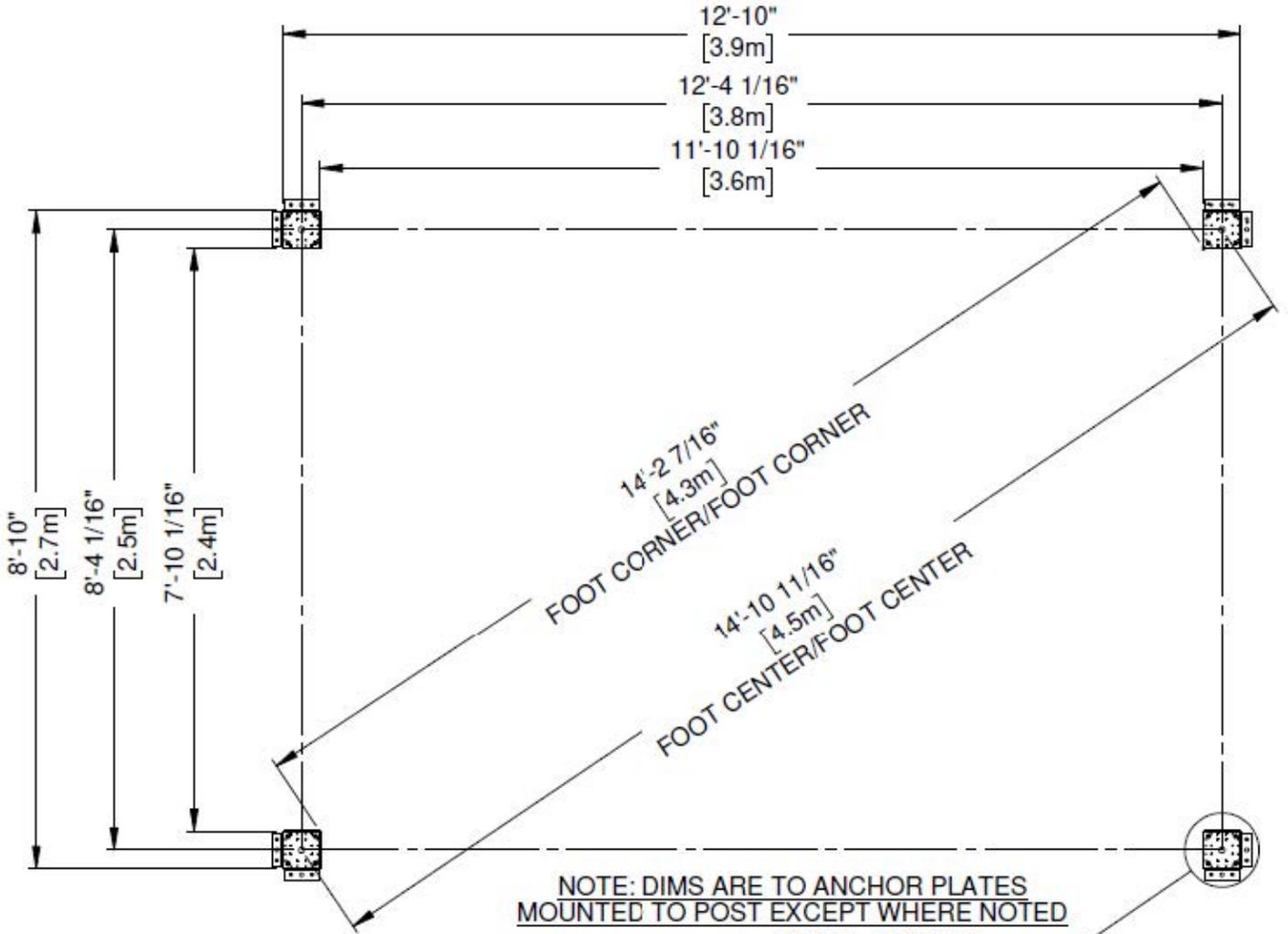
- Pay close attention to the items needed for each step. Make sure you are using the correct hardware for each step. Using incorrect hardware may result in improper assembly
- Remember to double check for underground utilities and overhead electrical lines

**Post mounts are provided with your structure which allows you to permanently install your structure to a pre-existing or new wood or 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 structure 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



# OWNER'S MANUAL - PARTS IDENTIFICATION

## Wood Components (Not to Scale)



**H01 | ROOF JOIST-W4L16295**  
(2) | 1"x3 3/8"x88 3/16" (24x86x2240)



**H02 | ROOF JOIST- W4L16283**  
(2) | 1"x3 3/8"x46 3/4" (24x86x1188)



**H03 | PURLIN - W4L16281**  
(2) | 1"x3 3/8"x68 3/8" (24x86x1736)



**H04 | PURLIN - W4L16921**  
(4) | 1"x3 3/8"x29 5/8" (24x86x752)



**H05 | PURLIN-W4L16291**  
(4) | 1"x3 3/8"x65 1/2" (24x86x1664)



**H07 | PURLIN-W4L16292**  
(4) | 1"x3 3/8"x59 7/16" (24x86x1509)



**H08 | PURLIN-W4L16293**  
(4) | 1"x3 3/8"x 43 11/16" (24x86x1110)



**H09 | ROOF JOIST-W4L16296**  
(2) | 1"x3 3/8"x88 1/8" (24x86x2240)

# OWNER'S MANUAL - PARTS IDENTIFICATION

## Wood Components (Not to Scale)



**H10 | ROOF JOIST-W4L16309**  
(2) 1"x3 3/8"x76 7/8" (24x86x1952)



**H11 | ROOF JOIST- W4L16297**  
(2) 1"x3 3/8"x15 15/16" (24x86x404)



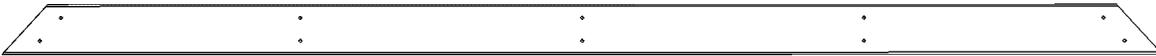
**H13 | PURLIN - W4L16303**  
(2) 1"x3 3/8"x20 1/4" (24x86x514)



**H12 | ROOF JOIST-W4L16308**  
(2) 1"x3 3/8"x76 7/8" (24x86x1952)



**H14 | PURLIN - W4L16304**  
(2) 1"x3 3/8"x50 1/16" (24x86x1272)



**H15 | PURLIN - W4L16305**  
(2) 1"x3 3/8"x79 15/16" (24x86x2030)



**H16 | PURLIN - W4L16922**  
(4) 1"x3 3/8"x56" (24x86x1423)



**H17 | PURLIN - W4L16289**  
(2) 1"x1 3/8"x51 3/8" (24x34x1306)



**H18 | ROOF SUPPORT- W4L16315**  
(1) 1"x3 3/8"x48" (24x86x1219)



**H19 | ROOF SUPPORT-W4L16928**  
(4) 1"x3 3/8"x75 3/16" (24x86x1909)

# OWNER'S MANUAL - PARTS IDENTIFICATION

## Wood Components (Not to Scale)



**E01** | RAFTER- W4L16284  
(2) | 1 3/8"x3 3/8"x44" (36x86x1117)



**E02** | RAFTER- W4L16288  
(4) | 1 3/8"x3 3/8"x63 7/8" (36x86x1622)



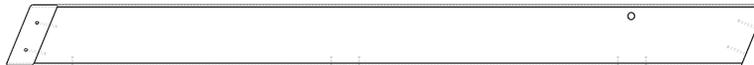
**E03** | RAFTER- W4L16286  
(2) | 1 3/8"x3 3/8"x20 7/16" (36x86x519)



**E06** | RAFTER - W4L16287  
(2) | 1 3/8"x3 3/8"x20 7/16" (36x86x519)



**E04** | RAFTER- W4L16285  
(2) | 1 3/8"x3 3/8"x44" (36x86x1117)



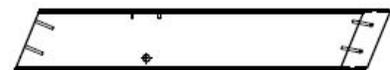
**E05** | RAFTER - W4L17402  
(2) | 1 3/8"x3 3/8"x42 7/8" (36x86x1087)



**E07** | RAFTER- W4L17401  
(2) | 1 3/8"x3 3/8"x42 7/8" (36x86x1087)



**E12** | RAFTER - W4L16302  
(2) | 1 3/8"x3 3/8"x21 3/4" (36x86x553)



**E10** | RAFTER- W4L16300  
(2) | 1 3/8"x3 3/8"x21 3/4" (36x86x553)



**E09** | RAFTER- W4L16298  
(2) | 1 3/8"x3 3/8"x55 13/16" (36x86x1417)



**E11** | RAFTER W4L16290  
(2) | 1 3/8"x3 3/8"x63 7/8" (36x86x1622)



**D01** | BEAM- W4L16926  
(4) | 1 3/8"x5 1/4"x30 15/16" (36x134x786)



**D02** | BEAM- W4L16927  
(2) | 1 3/8"x5 1/4"x55 3/4" (36x134x1416)

# OWNER'S MANUAL - PARTS IDENTIFICATION

## Wood Components (Not to Scale)



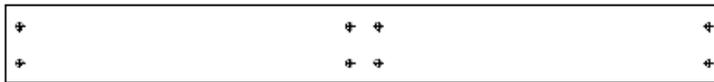
**C01 | CORBEL-W2A03393**  
(7) | 1 3/8"x6 7/16"x35 1/8" (36x163x893)



**C02 | CORBEL W/TAG-W2A03394**  
(1) | 1 3/8"x6 7/16"x35 1/8" (36x163x893)



**G01 | BEAM - W4L16923**  
(4) | 1"x5 1/4"x53 3/16" (24x134x1351)



**G02 | MID BRACE BEAM - W4L16924**  
(2) | 1"x5 1/4"x47 5/8" (24x134x1210)



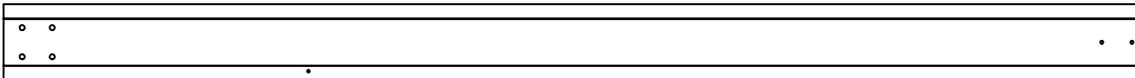
**G03 | BEAM - W4L16925**  
(4) | 1"x5 1/4"x77" (24x134x1956)



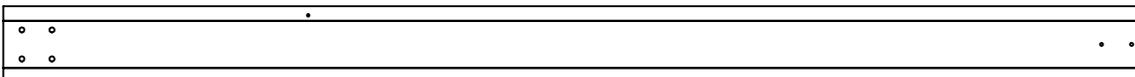
**Q01 | ROOF JOIST-W4L16294**  
(4) | 1"x4 7/16"x84 9/16" (24x112x2148)



**Q02 | ROOF JOIST-W4L16307**  
(4) | 1"x4 3/8"x61 1/2" (24x112x1562)



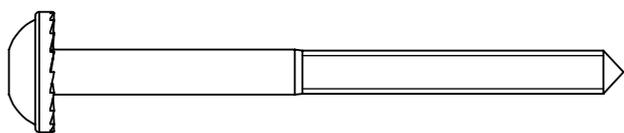
**P01 | POST-W2A03571**  
(x2) | 6"x6"x89 1/2" (152x152x2274)



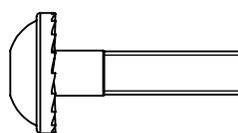
**P02 | POST-W2A03572**  
(x2) | 6"x6"x89 1/2" (152x152x2274)

# OWNER'S MANUAL - PARTS IDENTIFICATION

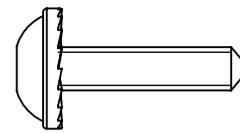
## Hardware Components (Not to Scale)



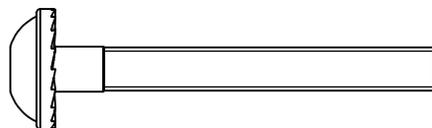
**H100792 | LAG SCREW WH BLK**  
(13) | 1/4x3



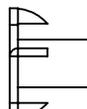
**H100171 | BOLT WH BLK**  
(34) | 1/4x1



**H100460 | LAG SCREW WH BLK**  
(18) | 1/4x1



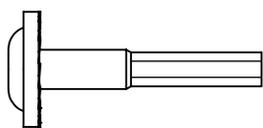
**H100488 | BOLT WH BLK**  
(20) | 1/4x2



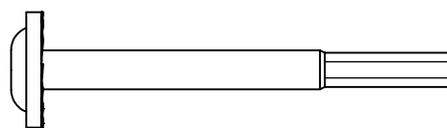
**H100379 | T-NUT BLK**  
(96) | 5/16



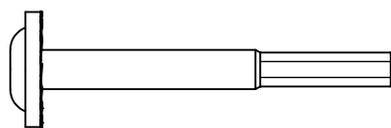
**H100398 | T-NUT BLK**  
(34) | 1/4



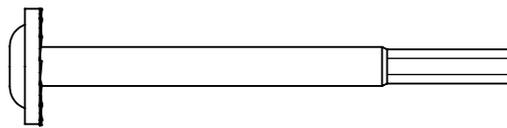
**H100378 | BOLT WH BLK**  
(32) | 5/16x1-3/4



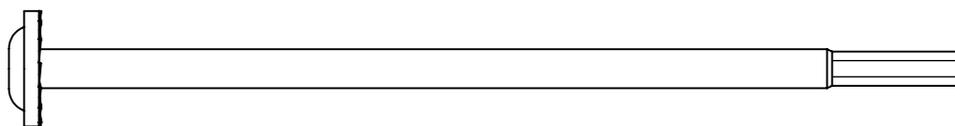
**H100484 | BOLT WH BLK**  
(18) | 5/16x3-1/4



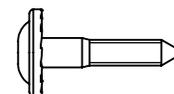
**H100195 | BOLT WH BLK**  
(18) | 5/16x2-3/4



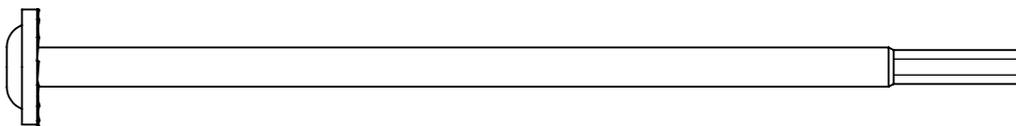
**H100415 | BOLT WH BLK**  
(18) | 5/16x3-3/4



**H100196 | BOLT WH BLK**  
(18) | 5/16x7-1/4



**H100471 | LAG SCREW WH BLK**  
(34) | 5/16x1-1/2



**H100963 | BOLT WH BLK**  
(18) | 5/16x7-3/4

# OWNER'S MANUAL - PARTS IDENTIFICATION

## Hardware Components



**H100385 | SCREW PFH BLK**  
(39) | 8x1



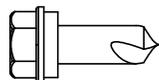
**H100200 | SCREW PFH BLK**  
(26) | 8x1 1/2



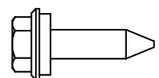
**H100382 | SCREW PFH BLK**  
(17) | 8x1 3/4



**H100391 | SCREW PFH BLK**  
(192) | 8x2



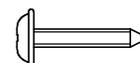
**H100759 | SCREW TAPPING**  
(52) | 1/4x3/4



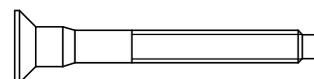
**H100833 | SCREW WOODGRIP**  
(224) | 10x3/4



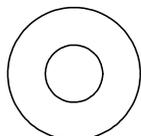
**H100536 | SCREW PWH BLK**  
(39) | 8x1 1/4



**H100392 | SCREW PWH BLK**  
(17) | 8x3/4



**H101030 | SCREW CONFIRMAT BLK**  
(98) | 7x2



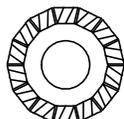
**H100770 | WASHER FLAT BLK 5/16**  
(17)



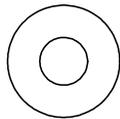
**H101034 | WEATHER PROOF WASHER**  
(4)



**H100479 | NUT LOCK BLK 5/16**  
(18)



**H100198 | WASHER LOCK EXT BLK 8x19**  
(114)



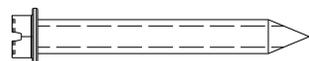
**H100630 | WASHER FLAT BLK 8x19**  
(37)



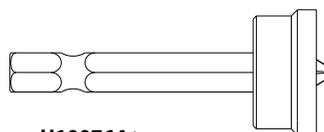
**H100405 | WASHER LOCK EXT BLK 6x15**  
(9)



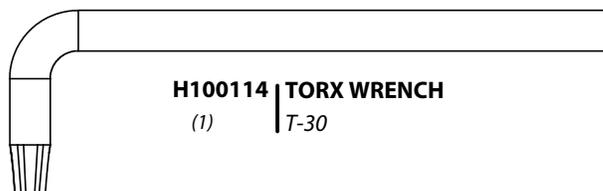
**H100653 | NUT LOCK BLK 1/4**  
(20)



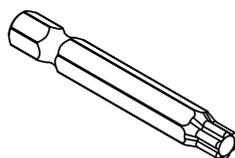
**H100120 | SCREW CONCRETE ANCHOR**  
(18) | 1/4x2



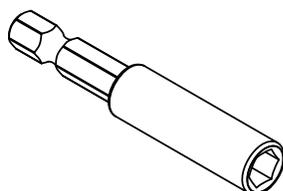
**H100764 | SCREW SETTER**  
(1)



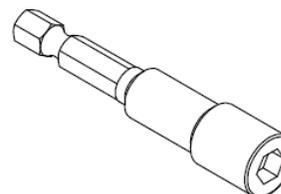
**H100114 | TORX WRENCH**  
(1) | T-30



**H100147 | T-30 TORX BIT**  
(1)



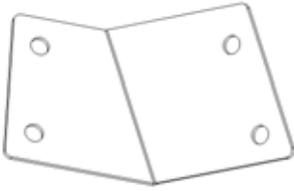
**H101100 | BIT ADAPTOR**  
(1)



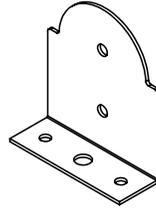
**H101106 | SOCKET DRIVER**  
(1)

# OWNER'S MANUAL - PARTS IDENTIFICATION

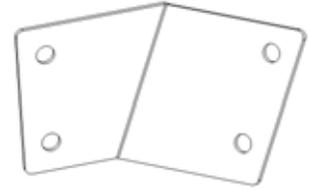
## Accessory Components (Not to Scale)



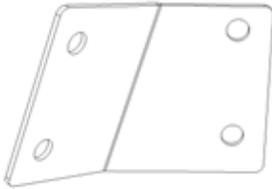
**A4M01191** | PANEL BRACKET  
(2)



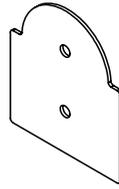
**A4M01793** | POST ANCHOR PLATE  
(x8)



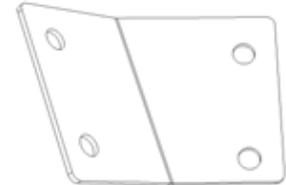
**A4M01192** | PANEL BRACKET  
(2)



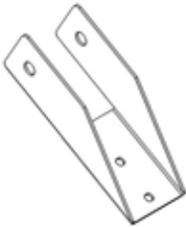
**A4M01194** | PANEL BRACKET  
(2)



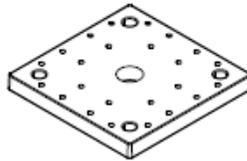
**A4M01794** | POST PLATE  
(x8)



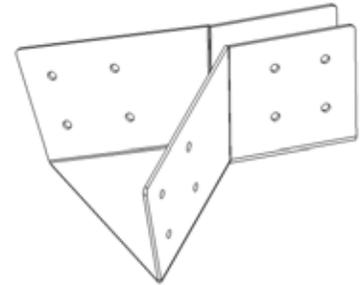
**A4M01193** | PANEL BRACKET  
(2)



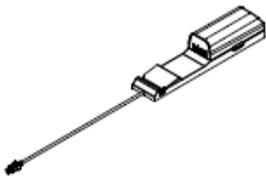
**A4M01228** | RAFTER CLIP  
(18)



**A6P00308** | 6X6 POST FOOT  
(4)



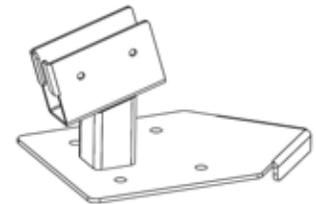
**A4M01184** | PANEL SUPPORT BRACKET  
(2)



**9205413** | ELECTRICAL ENCLOSURE  
(1)



**A4M01185** | CORNER BRACKET  
(4)



**A4M01234** | POST CLIP  
(4)



**A100241** | BYD ID TAG (SMALL) WITHOUT AGES  
(1)

# OWNER'S MANUAL - PARTS IDENTIFICATION

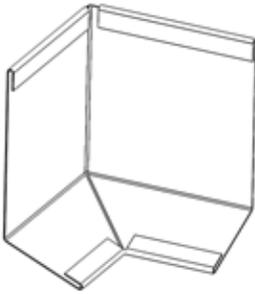
## Accessory Components (Not to Scale)



**A4M01200** | EDGE TRIM LONG  
(8)



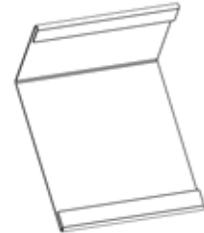
**A4M01203** | EDGE TRIM SHORT  
(2)



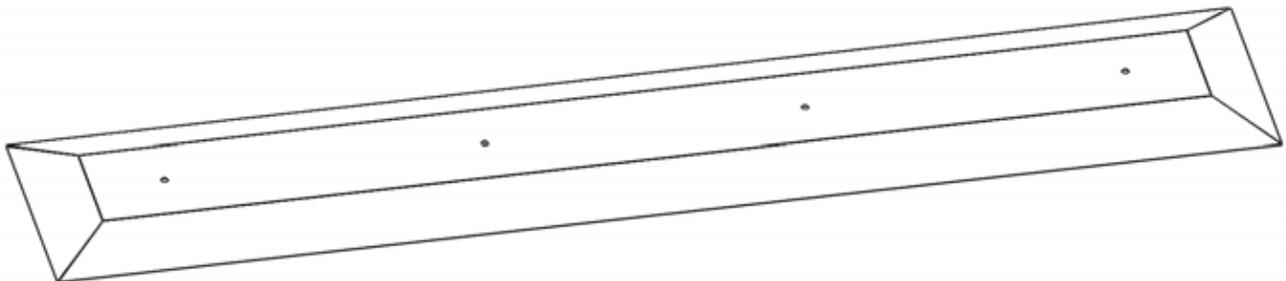
**A4M01202** | EDGE TRIM CORNER SPLICE  
(4)



**A4M01205** | METAL SPACER  
(4)



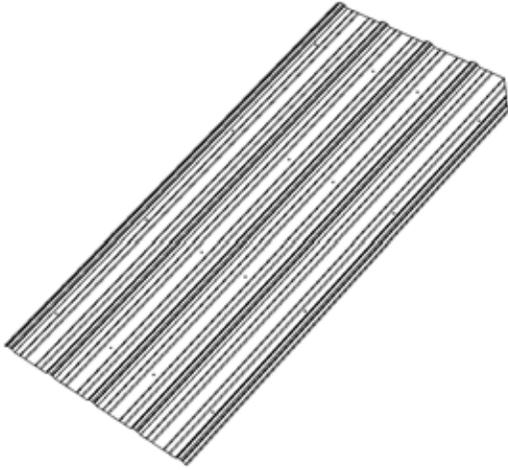
**A4M01201** | EDGE TRIM SPLICE  
(6)



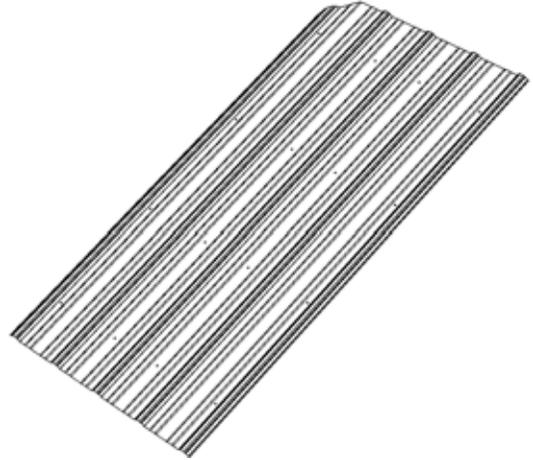
**A4M01204** | RIDGE PEAK CAP  
(1)

# OWNER'S MANUAL - PARTS IDENTIFICATION

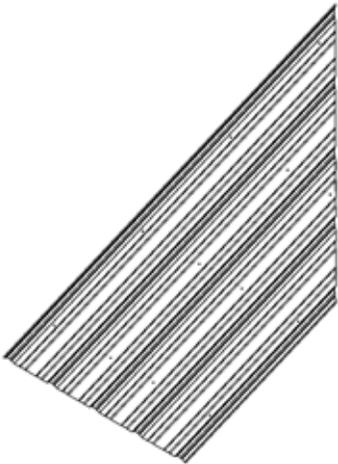
## Accessory Components (Not to Scale)



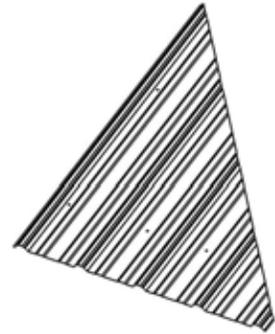
**A4M01175** | 29 GA STEEL SHEETING  
(2)



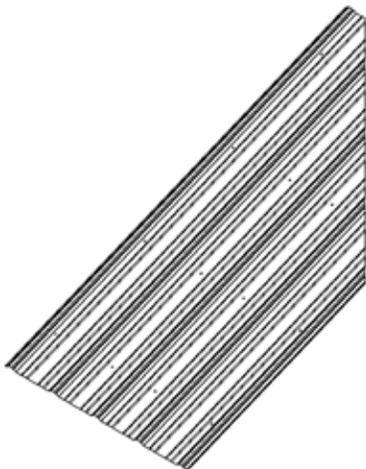
**A4M01179** | 29 GA STEEL SHEETING  
(2)



**A4M01176-1** | 29 GA STEEL SHEETING  
(2)



**A4M01176-2** | 29 GA STEEL SHEETING  
(2)



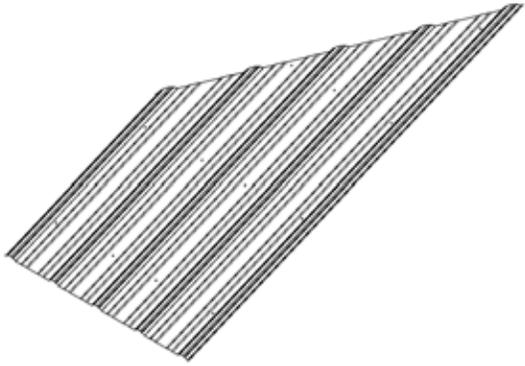
**A4M01177-2** | 29 GA STEEL SHEETING  
(2)



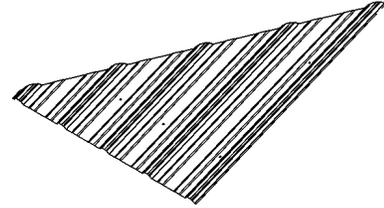
**A4M01177-1** | 29 GA STEEL SHEETING  
(2)

# OWNER'S MANUAL - PARTS IDENTIFICATION

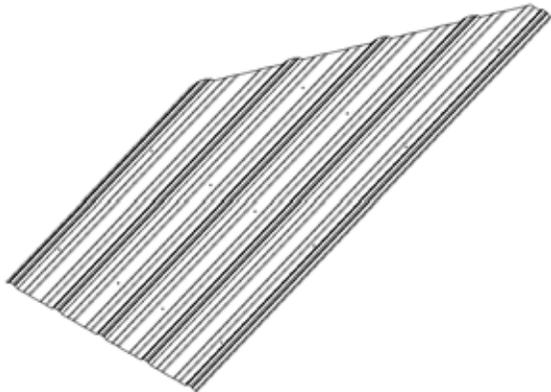
## Accessory Components (Not to Scale)



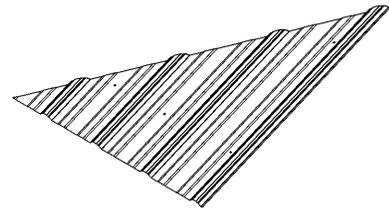
**A4M01180-1** | 29 GA STEEL SHEETING  
(2)



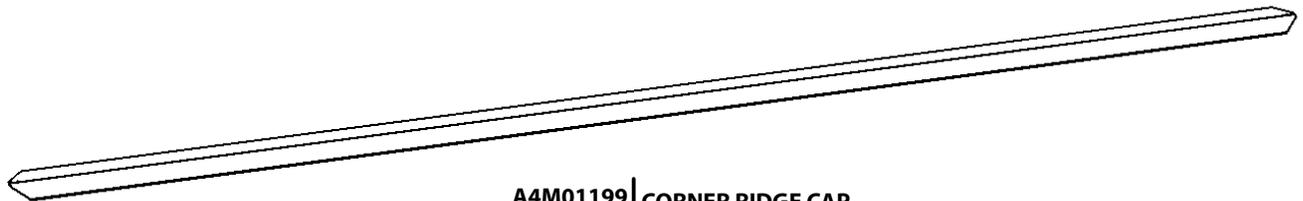
**A4M01180-2** | 29 GA STEEL SHEETING  
(2)



**A4M01181-2** | 29 GA STEEL SHEETING  
(2)



**A4M01181-1** | 29 GA STEEL SHEETING  
(2)



**A4M01199** | CORNER RIDGE CAP  
(4)



**A4M01198** | RIDGE CAP CHANNEL  
(8)

# 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:

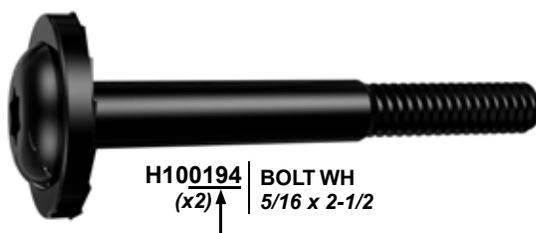
- Organize wood parts by the three-digit, alpha-numeric number stamped on each board (ex. P01).
- If there are multiple boards with the same stamped number, stack those pieces together.
- Stamps can be found on the flat surface of the boards or on the end of the boards.
- Allow yourself plenty of room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

**NOTE: CARTONS ARE NOT ORGANIZED BY BOARD 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 (i.e. bolts, nuts, etc.).
- During assembly you only need to reference the last four digits of the number.



H100194 | BOLT WH  
(x2) ↑ 5/16 x 2-1/2

# PRE-ASSEMBLY STEP 2 - TOOLS REQUIRED



Cordless Drill or  
Electric Drill



Drill Attachments:  
Phillips Head



1/8", 3/16", 3/8" &  
7/16" Drill Bits



Phillips Screw Driver



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



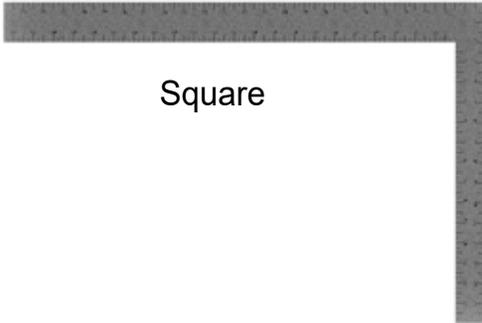
3/8" Drive Ratchet, 1/2" &  
7/16" STD Sockets, 1/2" &  
7/16" Deep Sockets



Tape Measure



Claw Hammer



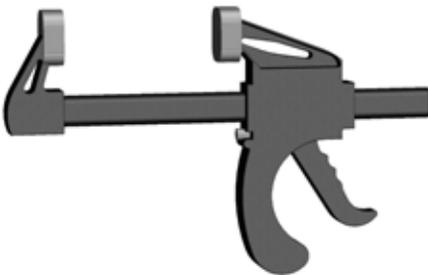
Square



Level 24"



Rubber Mallet -  
Optional



A6P00460 | QUICK RELEASE  
(2) BAR CLAMP

# PRE-ASSEMBLY STEP 3 - CHOOSE YOUR ASSEMBLY METHOD

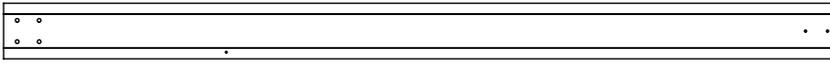
There are several types of assembly instructions available to you.

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)

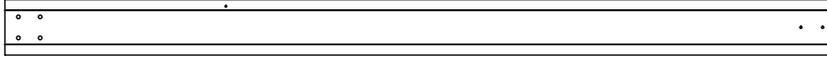


The graphic is a rectangular advertisement for the BILT app. At the top left is the BILT logo, which consists of a stylized hexagonal icon with a dot inside, followed by the word "BILT." in a bold, sans-serif font. To the right of the logo is a large QR code. Below the logo and QR code, the text "Scan for easy 3D instructions" is written in a large, bold, black font. Underneath this, in a smaller font, it says "Download the BILT app before you begin". To the right of this text are two buttons: "Download on the App Store" with the Apple logo and "GET IT ON Google Play" with the Google Play logo. At the bottom of the graphic is a smartphone screen displaying a 3D assembly instruction. The screen shows a grey 3D model of a structure with a horizontal beam and a triangular support. The interface includes a close button (X) in the top right, a menu icon (three dots) below it, a step number "17" in a circle in the bottom left, and navigation arrows (back, play/pause, forward) in the bottom right.

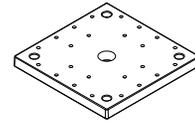
# STEP 1 - 10FT POST ASSEMBLY



**P01 | POST-W2A03571**  
 (x1) | 6"x6"x89 1/2" (152x152x2274)



**P02 | POST-W2A03572**  
 (x1) | 6"x6"x89 1/2" (152x152x2274)

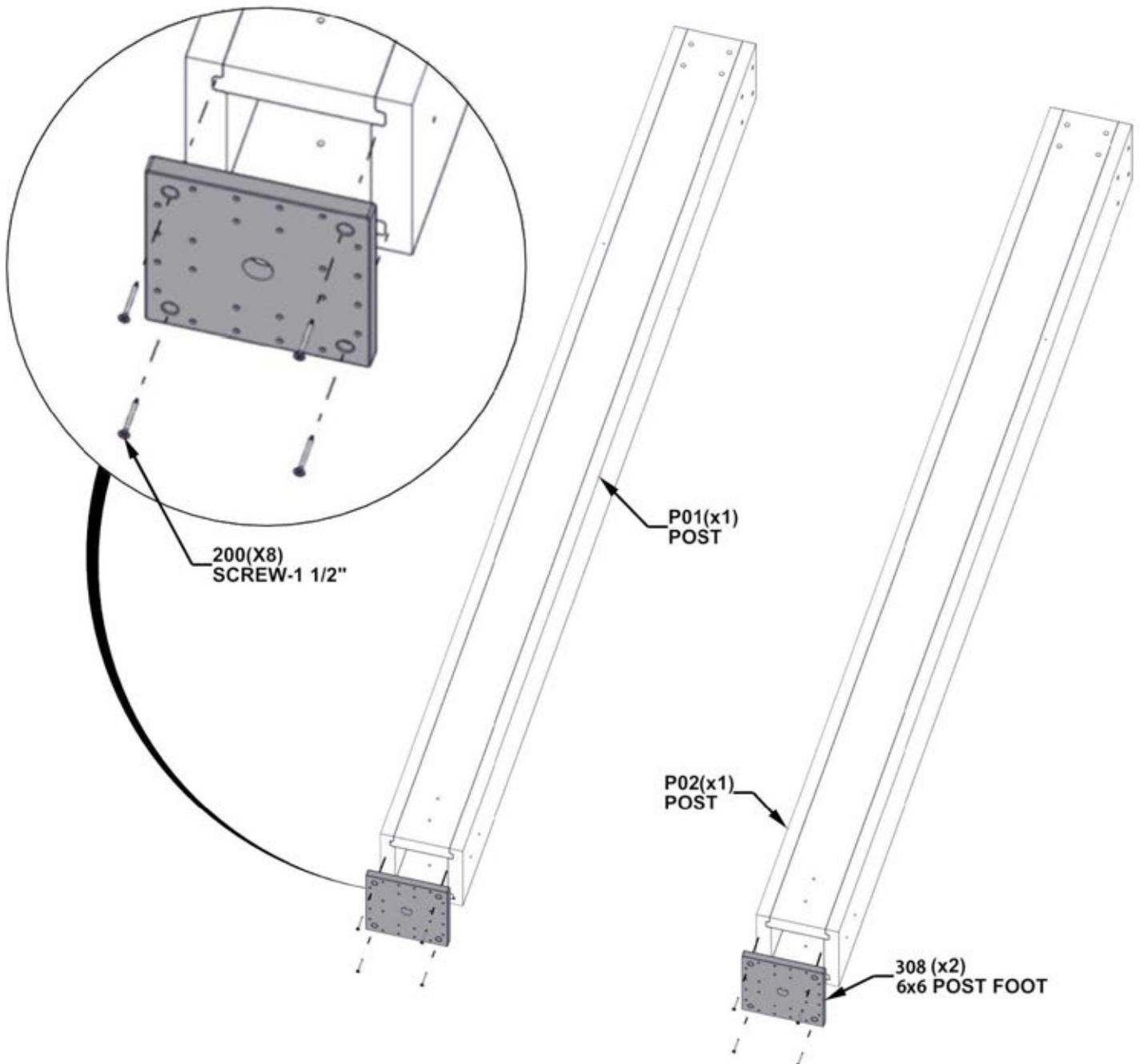


**A6P00308 | 6x6 POST FOOT**  
 (2)

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

**TIP:**

- FOR EASE OF ASSEMBLY, SAW HORSES ARE RECOMMENDED FOR STEPS 1 THROUGH 3



# STEP 2 - 10FT POST ASSEMBLY

Qty	PART NUMBER	DESCRIPTION
8	H100198	WASHER LOCK EXT 8X19 BLK
8	H100195	BOLT WH 5/16 X 2 3/4 BLK
8	H100379	T-NUT 5/16 BLK



**D02** | BEAM-W4L16927  
 (1) | 1 7/16"x5 1/4"x55 3/4" (36x134x1416)

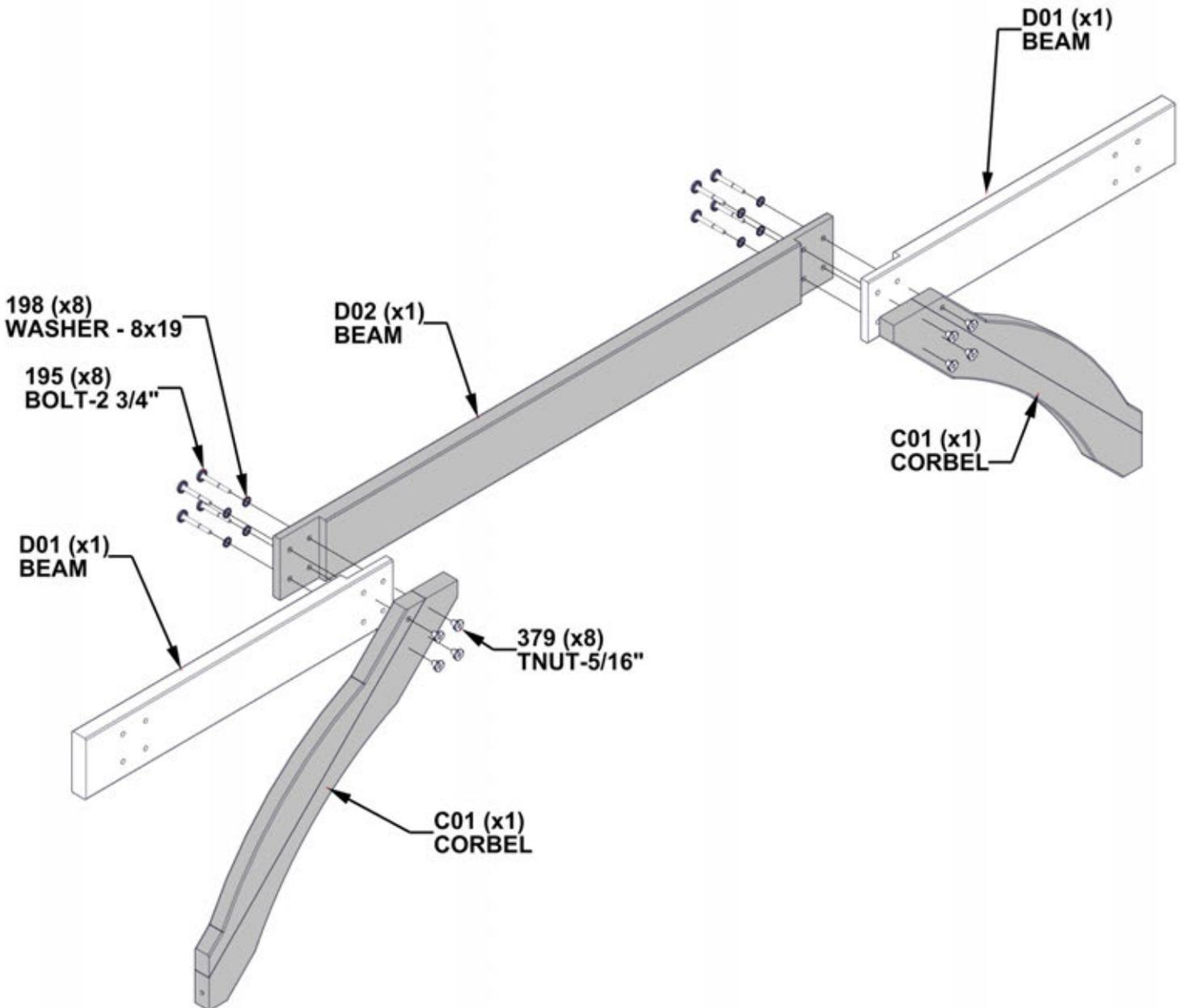


**D01** | BEAM-W4L16926  
 (2) | 1 7/16"x5 1/4"x30 15/16" (36x134x786)



**C01** | CORBEL-W2A03393  
 (2) | 1 3/8"x6 7/16"x35 1/8" (36x163x893)

**HAND TIGHTEN BOLTS UNTIL STEP 3**

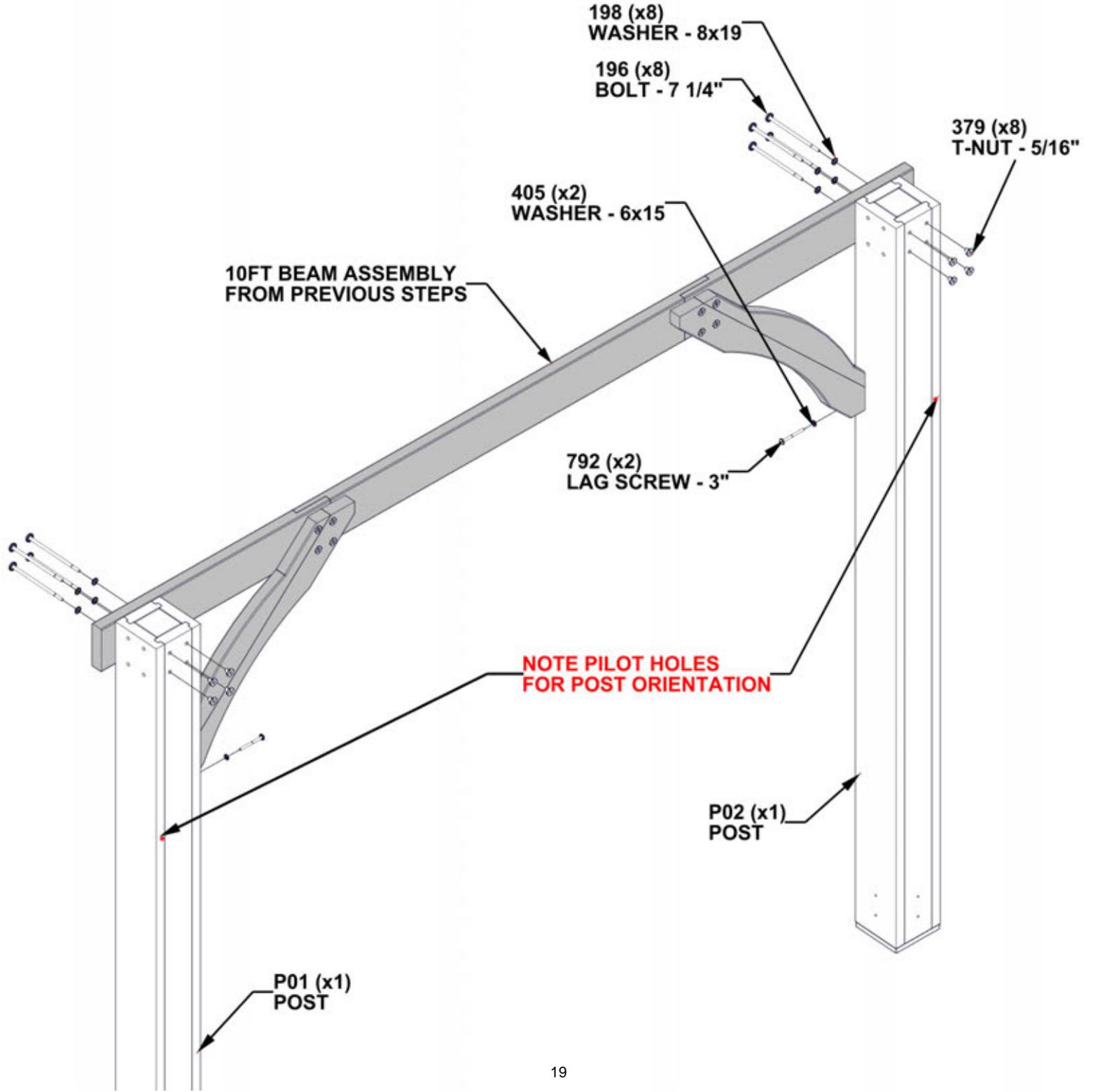


# STEP 3 - 10FT POST ASSEMBLY

Qty	PART NUMBER	DESCRIPTION
8	H100198	WASHER LOCK EXT 8X19 BLK
8	H100196	BOLT WH 5/16 X 7 1/4 BLK
8	H100379	T-NUT 5/16 BLK
2	H100405	WASHER LOCK EXT 6X15 BLK
2	H100792	LAG SCREW WH 1/4 X 3 BLK



- TIPS:**
- INSERT BOLTS FIRST FOLLOW BY LAG SCREWS
  - TO AVOID WOOD SPLITTING, MAKE SURE LAG SCREWS GO INTO PILOT HOLES



**SET 10FT ASSEMBLY TO THE SIDE  
AND REPEAT STEPS 1 THROUGH 3.**

# STEP 4 - 14FT BEAM ASSEMBLY



Qty	PART NUMBER	DESCRIPTION
8	H100198	WASHER LOCK EXT 8X19 BLK
8	H100378	BOLT WH 5/16 X 1 3/4 BLK
8	H100379	T-NUT 5/16 BLK

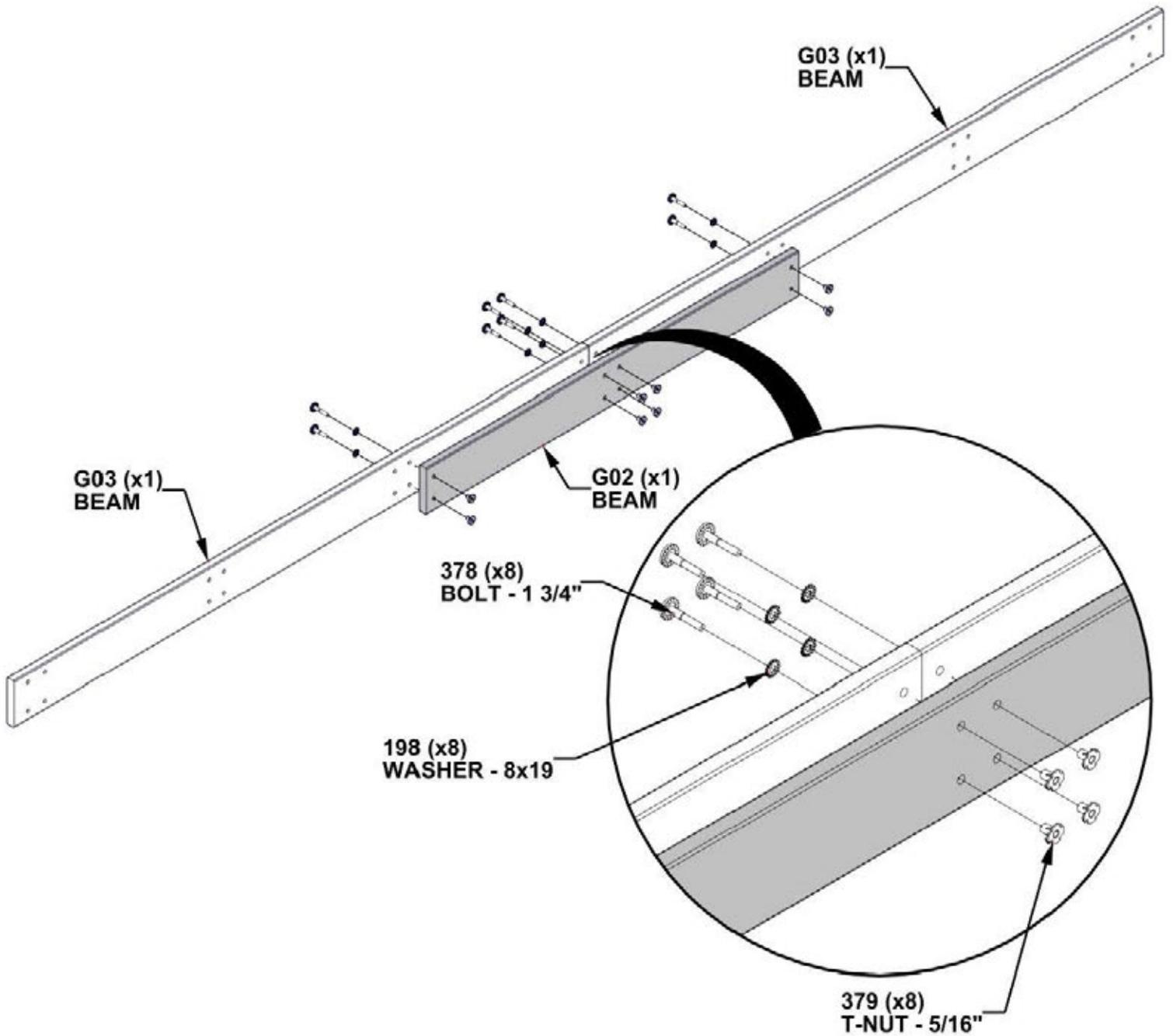
## G03 | BEAM - W4L16925

(2) | 15/16"x5 1/4"x77" (24x134x1956)



## G02 | MID BRACE BEAM - W4L16924

(1) | 15/16"x5 1/4"x47 5/8" (24x134x1210)

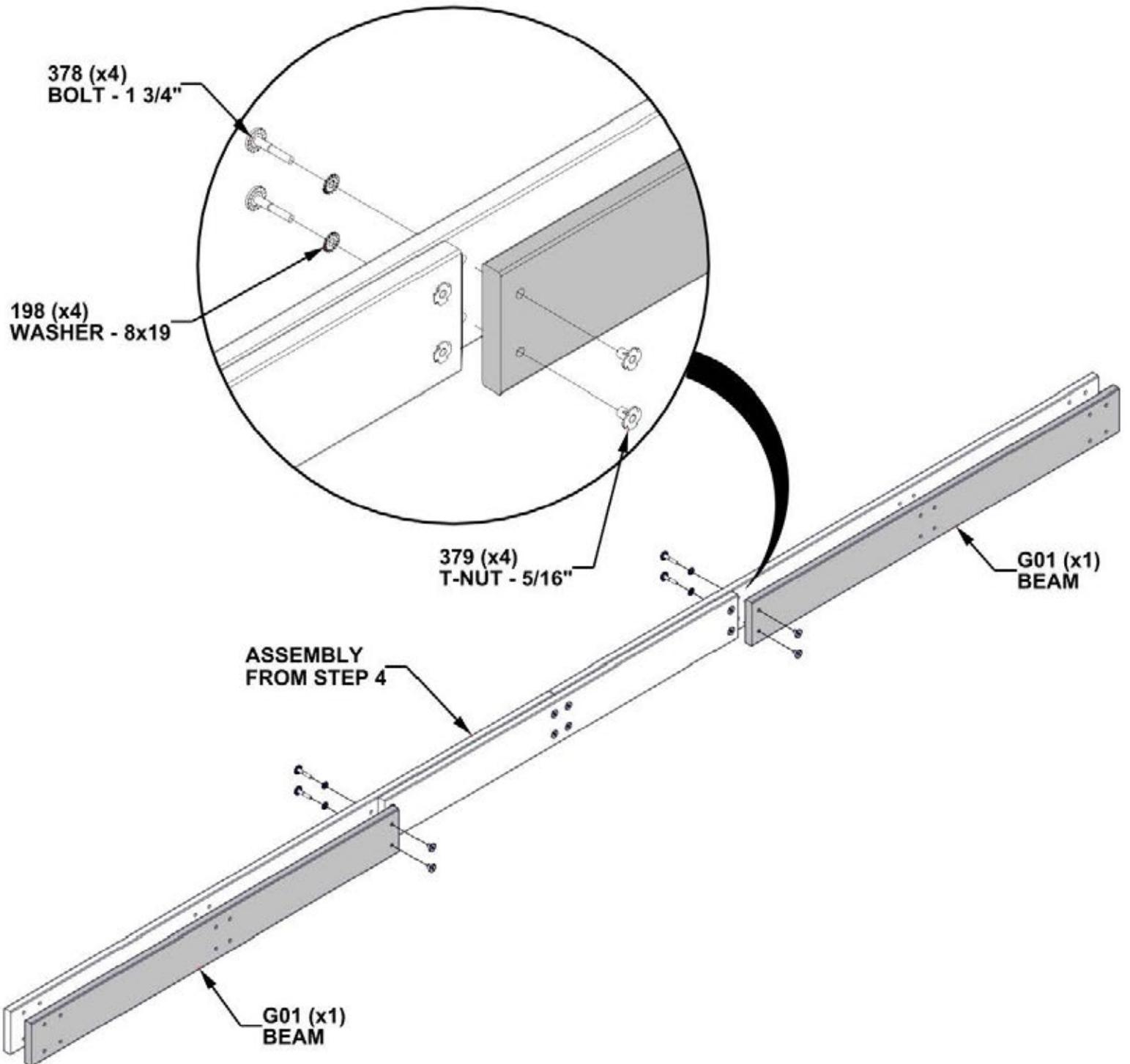


# STEP 5 - 14FT BEAM ASSEMBLY

Qty	PART NUMBER	DESCRIPTION
4	H100198	WASHER LOCK EXT 8X19 BLK
4	H100378	BOLT WH 5/16 X 1 3/4 BLK
4	H100379	T-NUT 5/16 BLK



**G01** | BEAM - W4L16923  
 (2) | 15/16"x5 1/4"x53 3/16" (24x134x1351)



# STEP 6 - 14FT BEAM ASSEMBLY

Qty	PART NUMBER	DESCRIPTION
8	H100198	WASHER LOCK EXT 8X19 BLK
8	H100484	BOLT WH 5/16 X 3 1/4 BLK
8	H100379	T-NUT 5/16 BLK

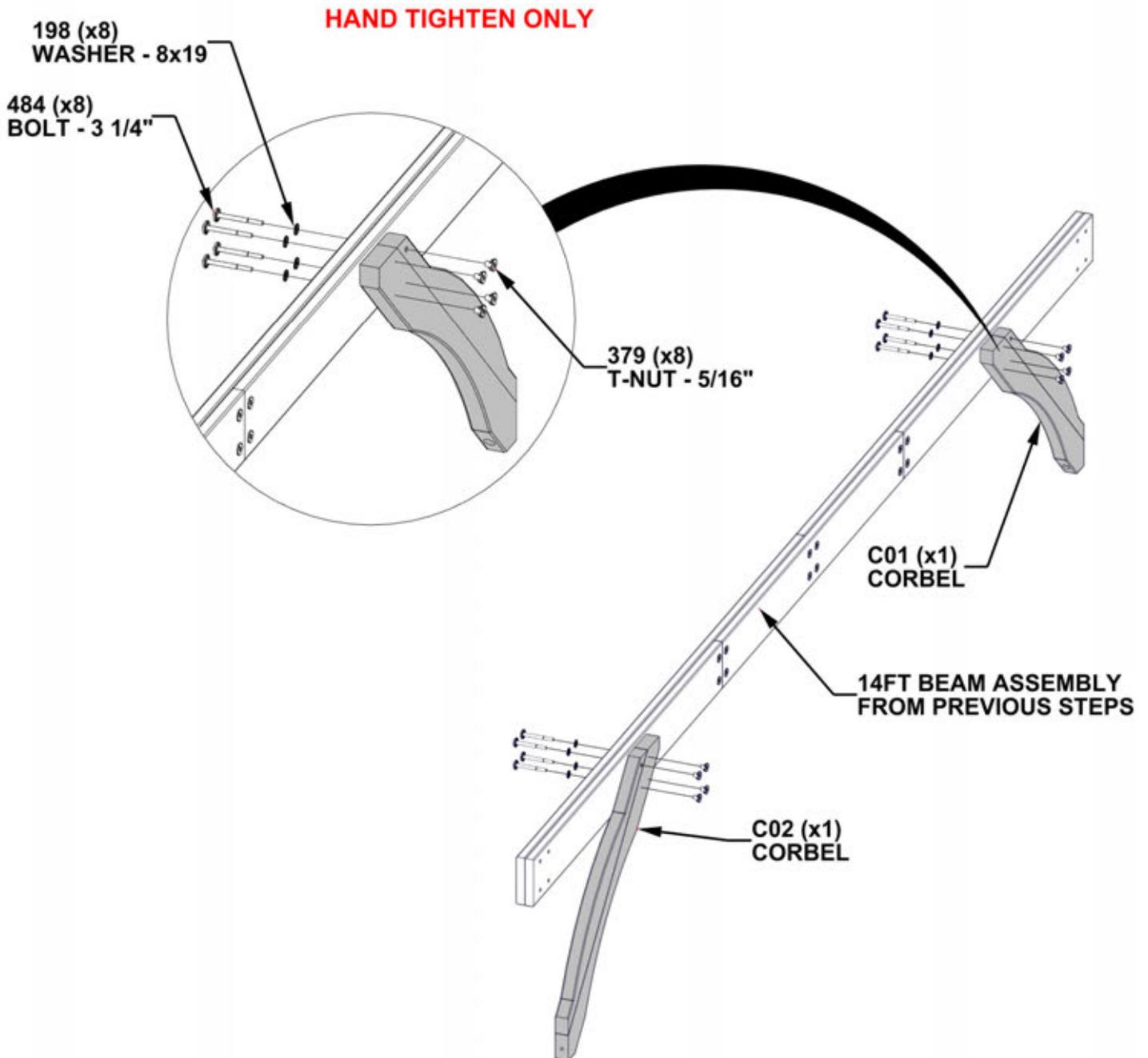


**C01 | CORBEL-W2A03393**  
(1) 1 3/8"x6 7/16"x35 1/8" (36x163x893)



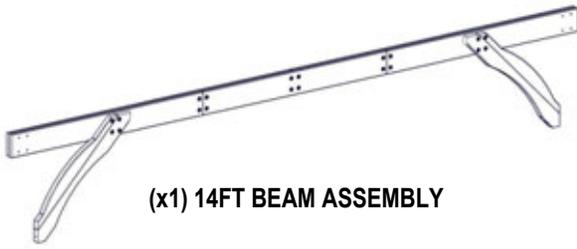
**C02 | CORBEL W/TAG-W2A03394**  
(1) 1 3/8"x6 7/16"x35 1/8" (36x163x893)

**TIP:**  
TWO "C01" PARTS WILL BE USED ON OTHER SIDE



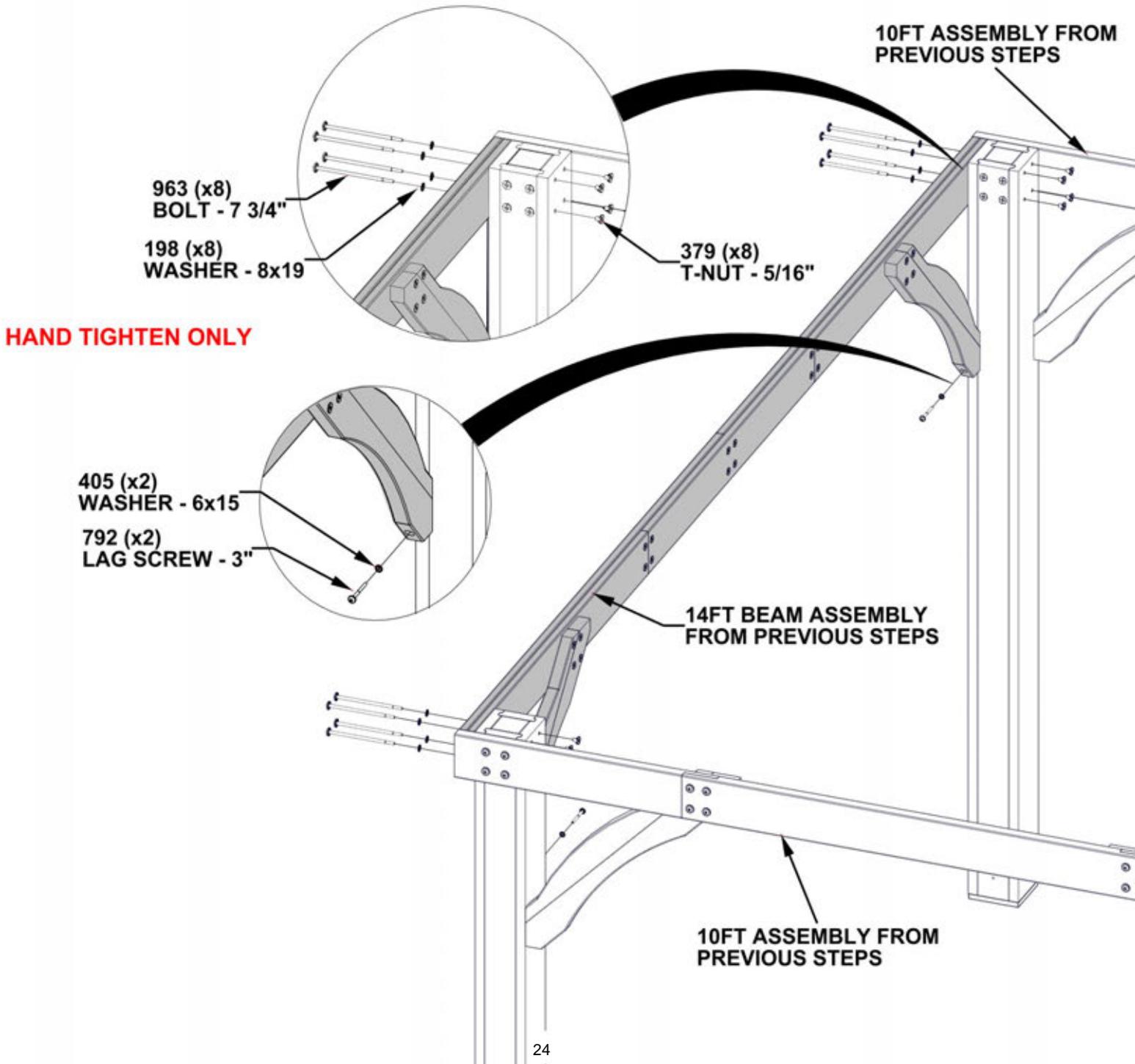
# STEP 7 - 14FT BEAM ASSEMBLY

Qty	PART NUMBER	DESCRIPTION
8	H100198	WASHER LOCK EXT 8X19 BLK
8	H100963	BOLT WH 5/16 X 7 3/4
8	H100379	T-NUT 5/16 BLK
2	H100405	WASHER LOCK EXT 6X15 BLK
2	H100792	LAG SCREW WH 1/4 X 3 BLK



**TIPS:**

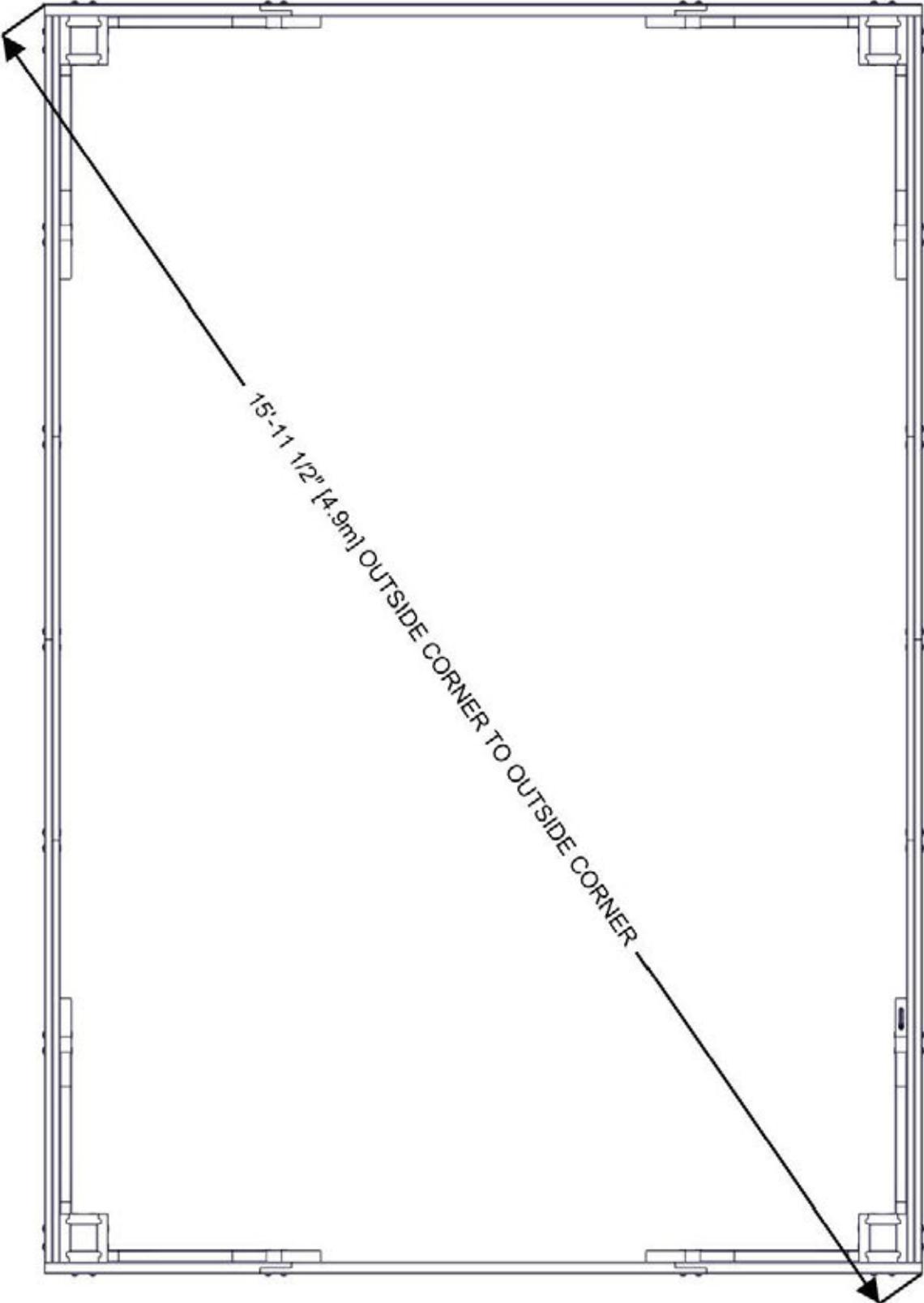
- THREE PEOPLE ARE HELPFUL FOR THIS STEP.
- MOVE THE 10FT POST ASSEMBLIES TO THEIR FINAL LOCATION WITH SOMEONE HOLDING EACH ASSEMBLY UPRIGHT.
- USING A THIRD PERSON, CONNECT THE 14FT BEAM ASSEMBLY TO THE POSTS TO MAKE THE GAZEBO FRAME.
- INSERT BOLTS FIRST, FOLLOWED BY LAG SCREWS
- TO AVOID WOOD SPLITTING, MAKE SURE LAG SCREWS GO INTO PILOT HOLES



**SET 14FT UPRIGHT ASSEMBLY TO THE  
SIDE AND REPEAT STEPS 4 THROUGH 7.**

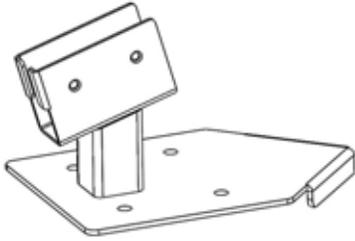
# STEP 8A: SQUARE STRUCTURE

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



**TOP VIEW**

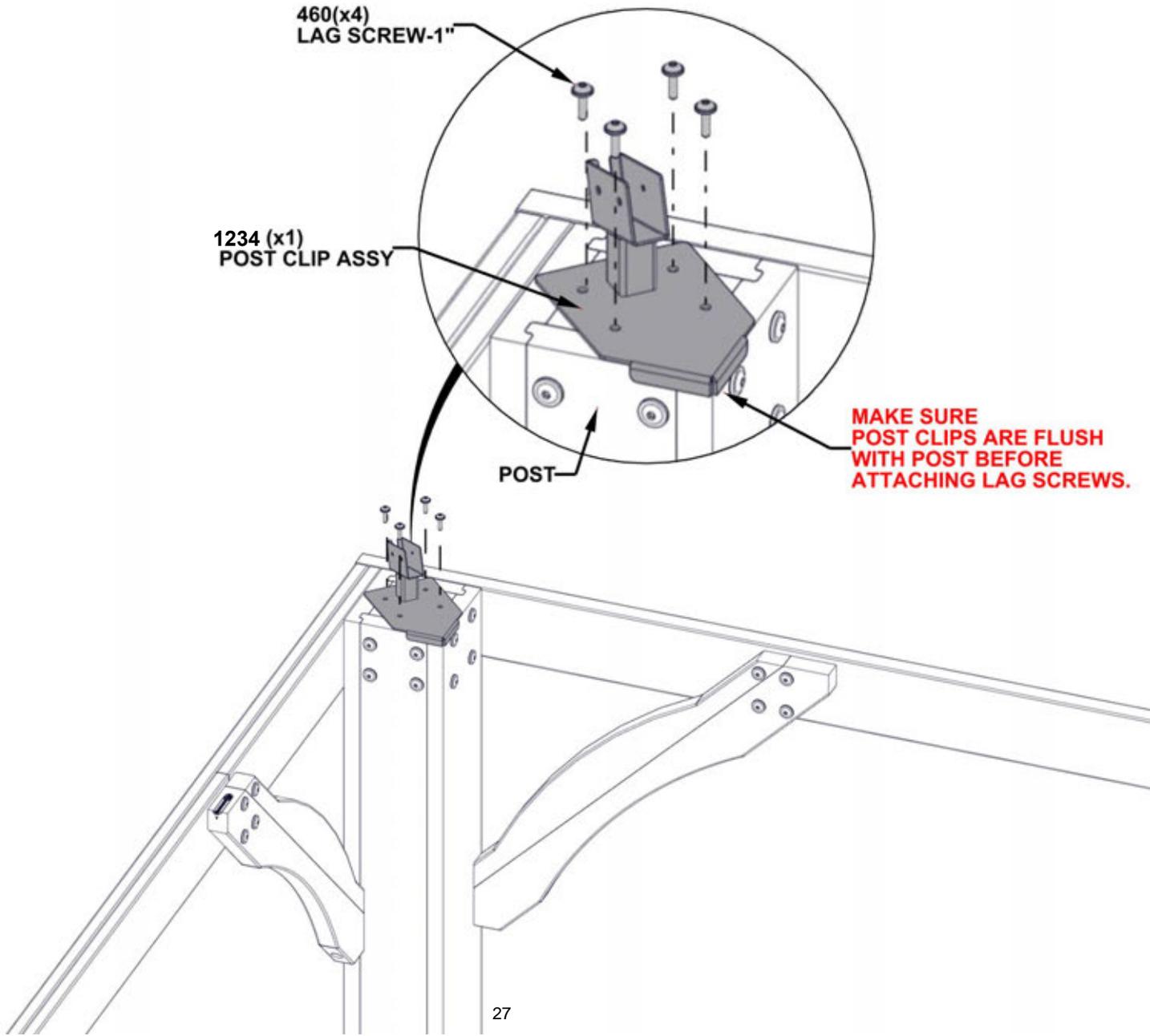
# STEP 8B - ROOF SUPPORT ASSEMBLY



A4M01234  
(4) POST CLIP

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

**DO NOT OVERTIGHTEN**

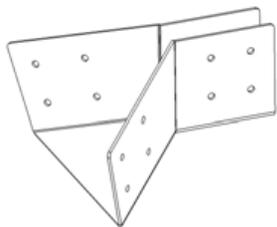


# STEP 9 - ROOF SUPPORT ASSEMBLY



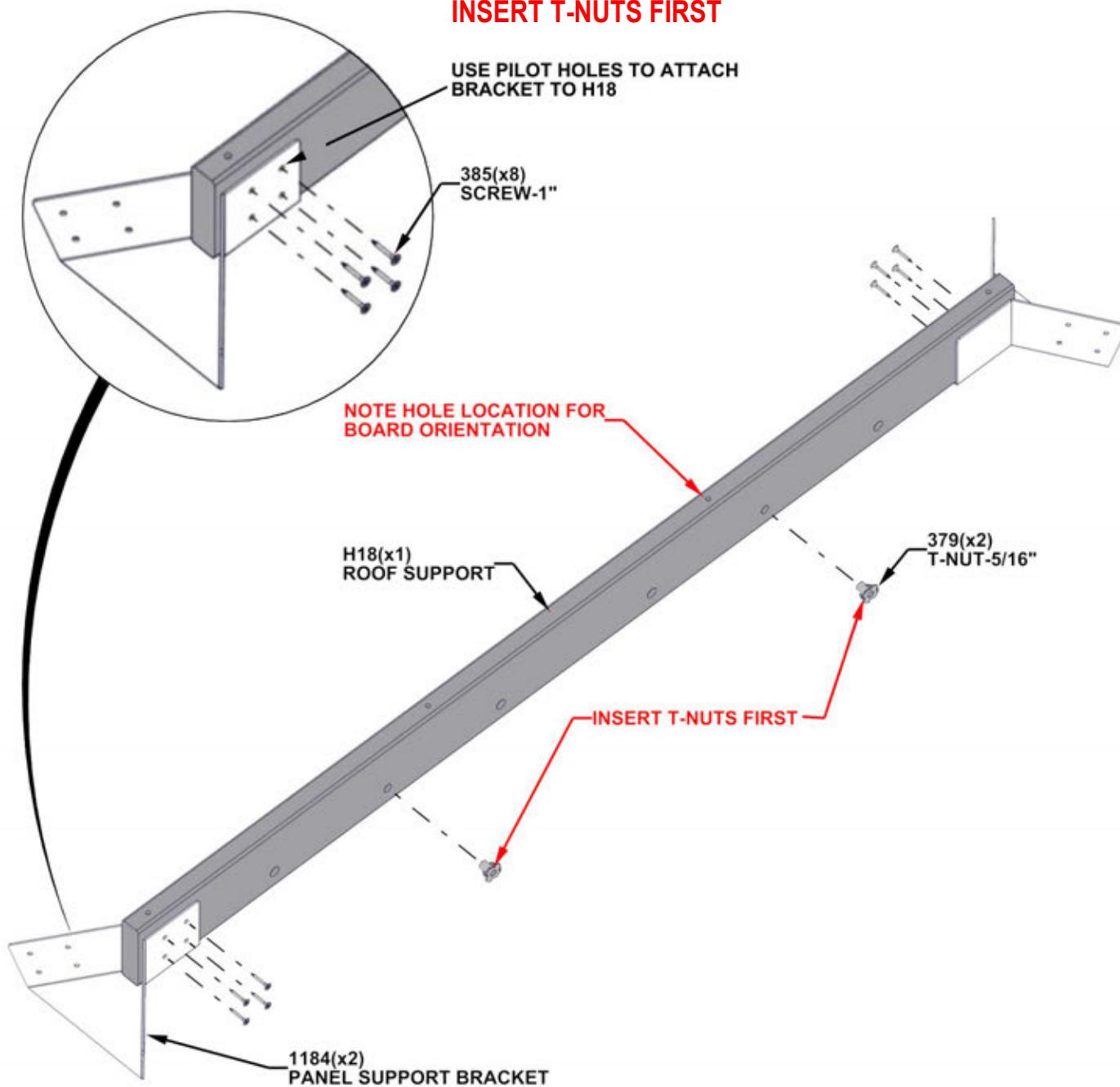
QTY	PART NUMBER	DESCRIPTION
2	H100379	T-NUT 5/16 BLK
8	H100385	SCREW PFH 8x1 BLK

**H18** | ROOF SUPPORT- W4L16315  
 (1) 1"x3 3/8"x48" (24x86x1220)



**A4M01184** | PANEL SUPPORT BRACKET  
 (2)

## INSERT T-NUTS FIRST



# STEP 10 - ROOF SUPPORT ASSEMBLY

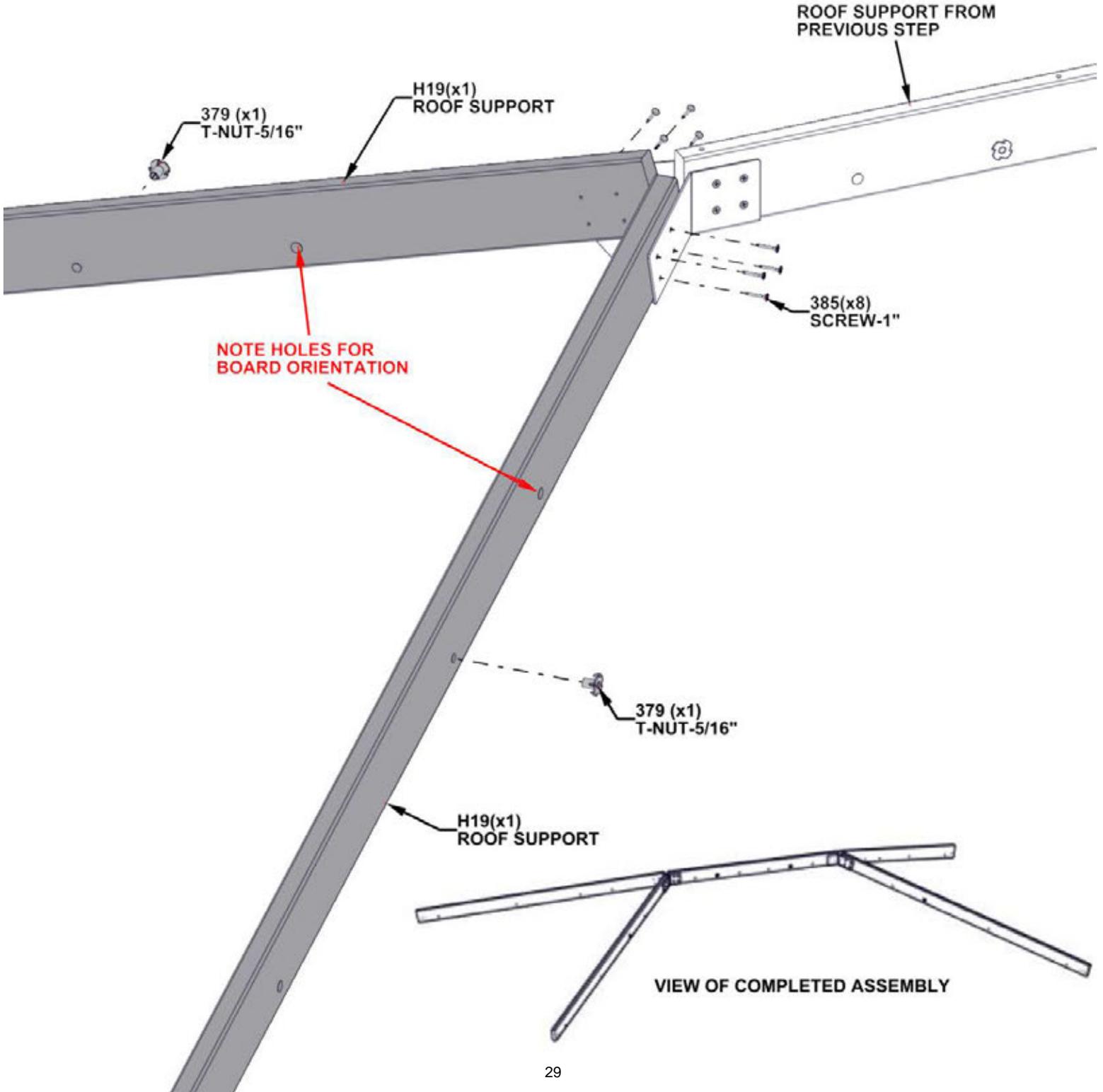


**H19 | ROOF SUPPORT-W4L16928**  
 (4) 1"x3 3/8"x75 3/16" (24x86x1909)

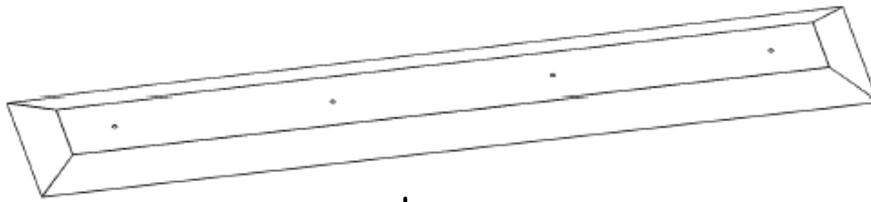
QTY	PART NUMBER	DESCRIPTION
4	H100379	T-NUT 5/16 BLK
16	H100385	SCREW PFH 8x1 BLK

REPEAT ON ON OPPOSITE END OF ROOF SUPPORT BOARD

**INSERT T-NUTS FIRST**



# STEP 11 - ROOF SUPPORT ASSEMBLY



A4M01204 | RIDGE PEAK CAP  
(1)

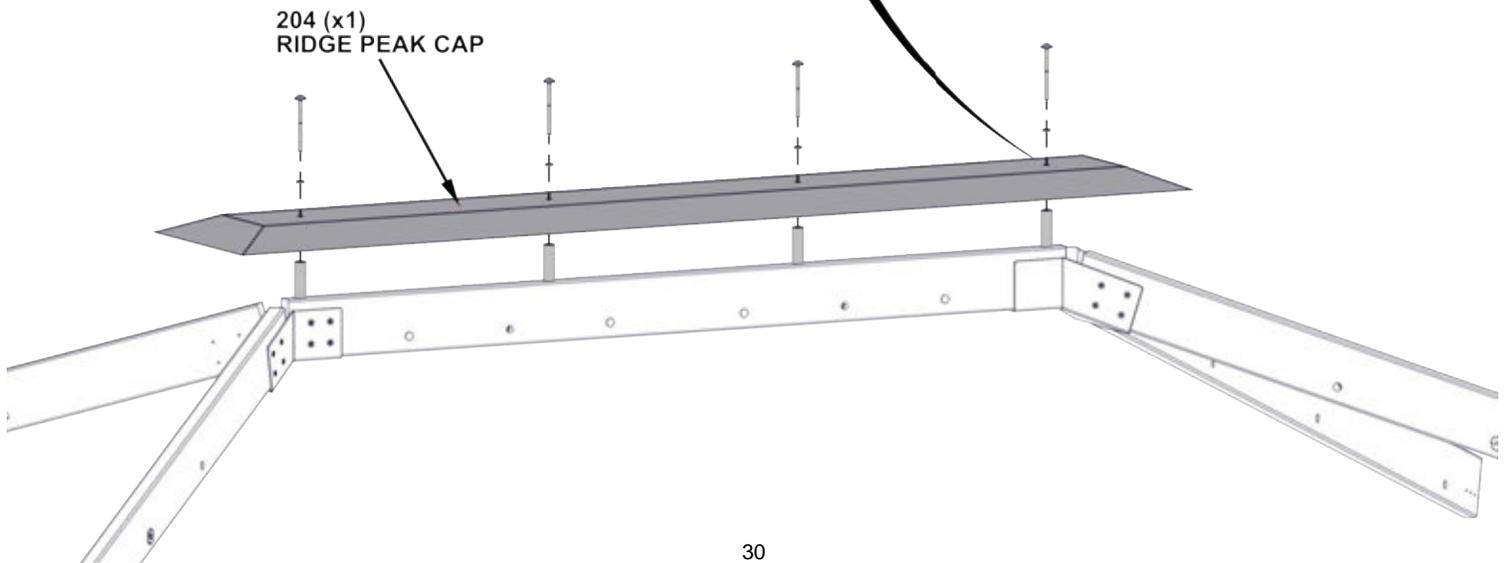
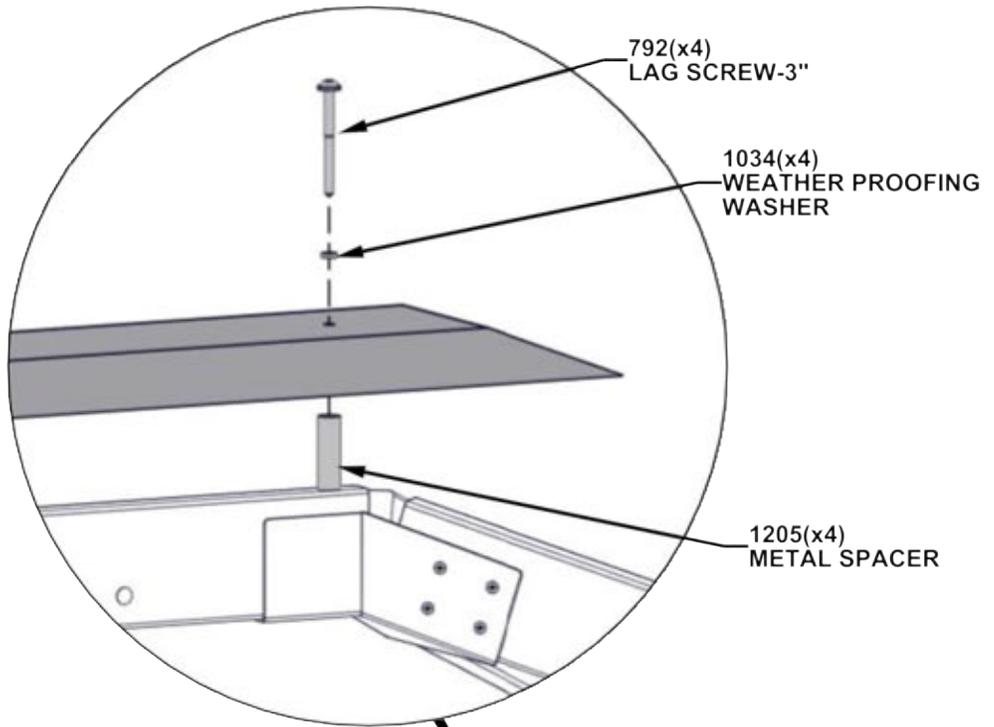


A4M01205 | METAL SPACER  
(4)

QTY	PART NUMBER	DESCRIPTION
4	H101034	WEATHER PROOFING WASHER
4	H100792	LAG SCREW WH 1/4x3 BLK

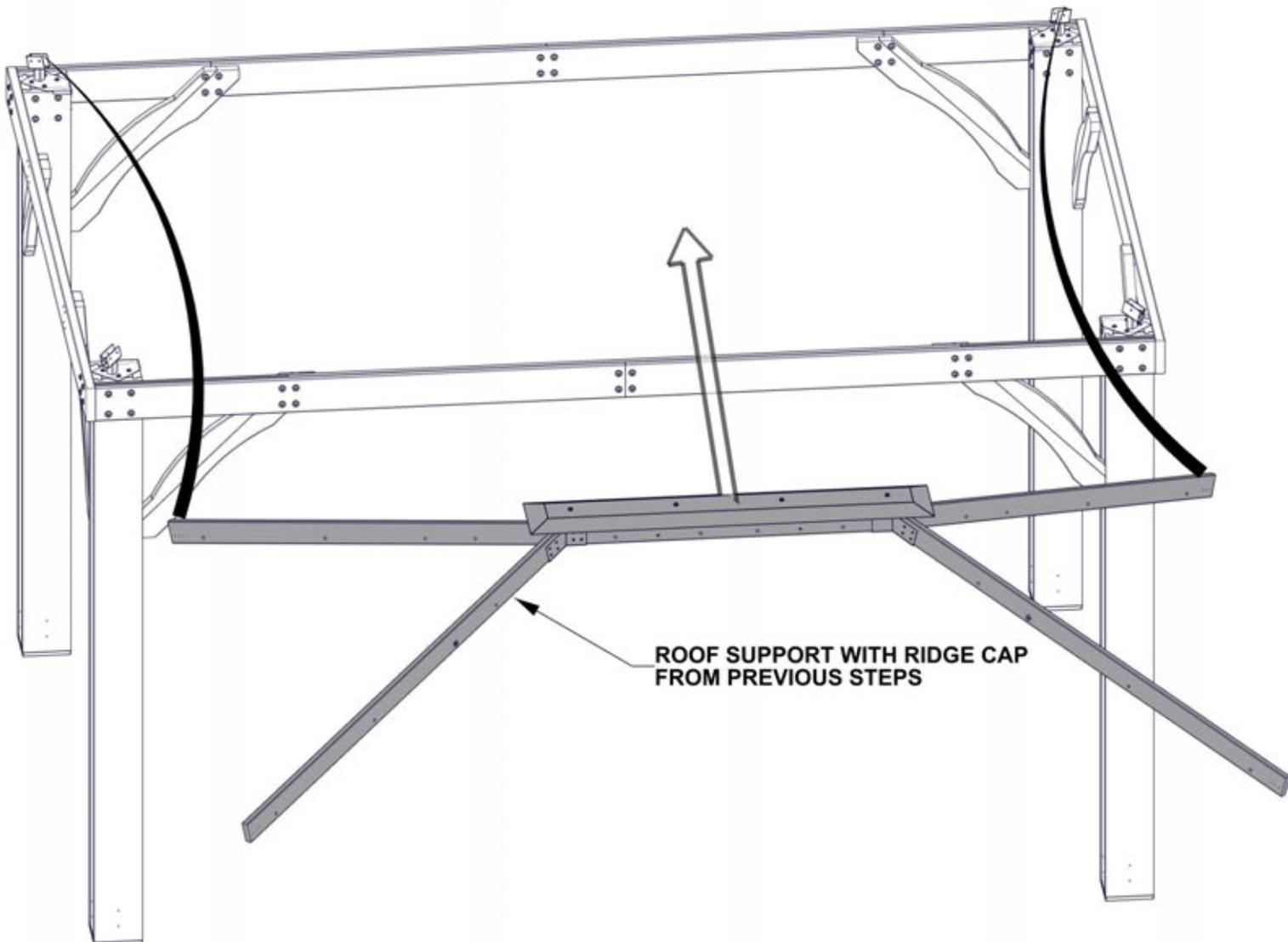
- TIPS:**
- REMOVE PROTECTIVE BLUE FILM BEFORE ASSEMBLY
  - ALIGN RIDGE PEAK CAP AND METAL SPACER WITH PILOT HOLES BEFORE INSERTING LAG SCREWS

**WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL ROOF PIECES**



# STEP 12 SUPPORT ASSEMBLY

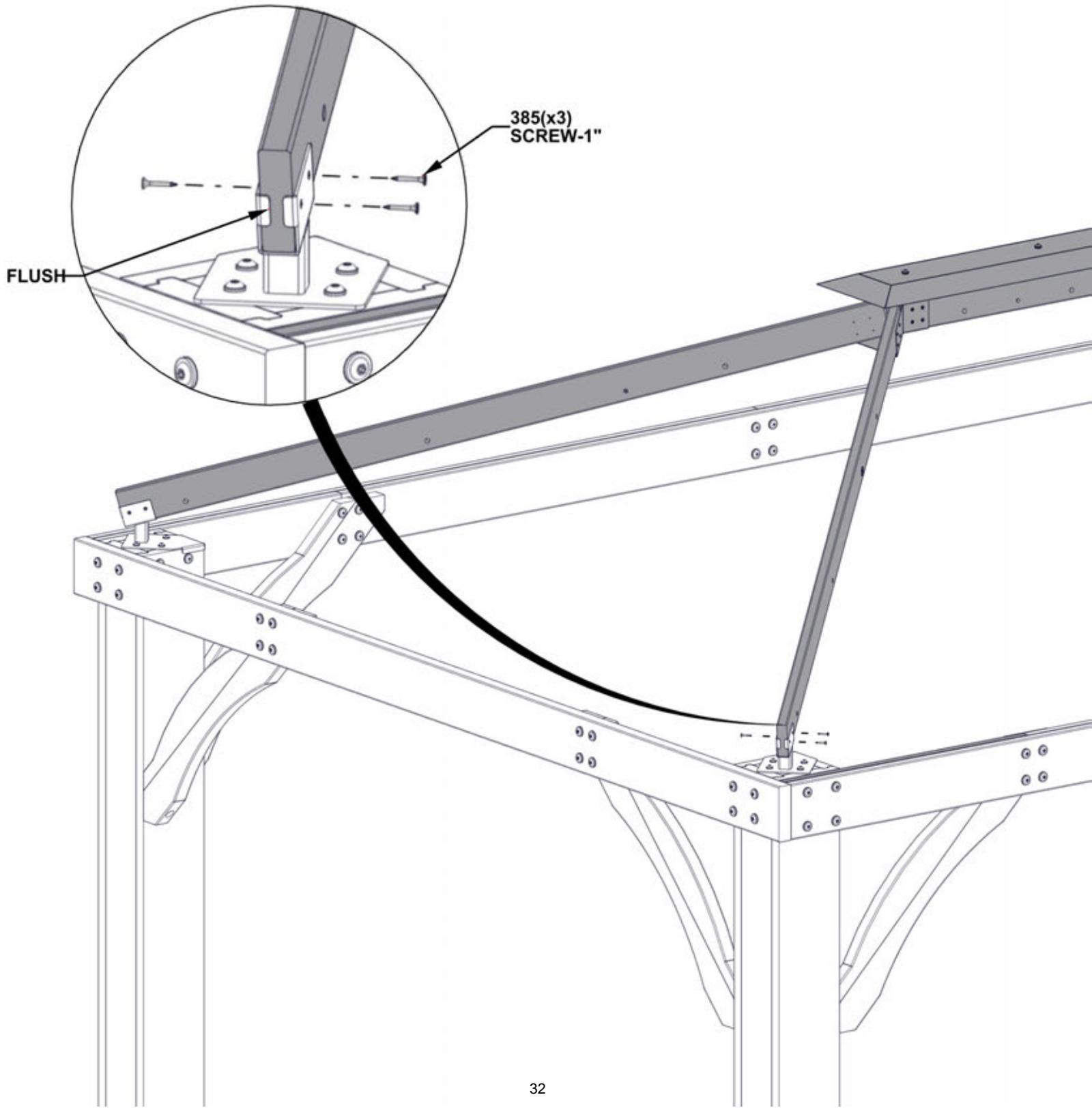
- THREE PEOPLE ARE HELPFUL FOR THIS STEP.
- POSITION A PERSON ON A LADDER IN THE CENTER OF THE BASE.
- LIFT ROOF SUPPORT UP AND OVER THE 14FT SIDE AND INSERT INTO CORNER POST CLIPS.



# STEP 13 ROOF SUPPORT ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
12	H100385	SCREW PFH 8x1 BLK

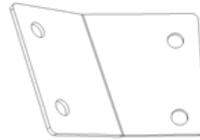
REPEAT ON ALL POSTS



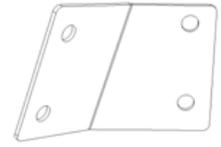
# STEP 14 - 14FT ROOF PANEL ASSEMBLY



**H02** | ROOF JOIST- W4L16283  
(1) 1"x3 3/8"x46 3/4" (24x86x1188)



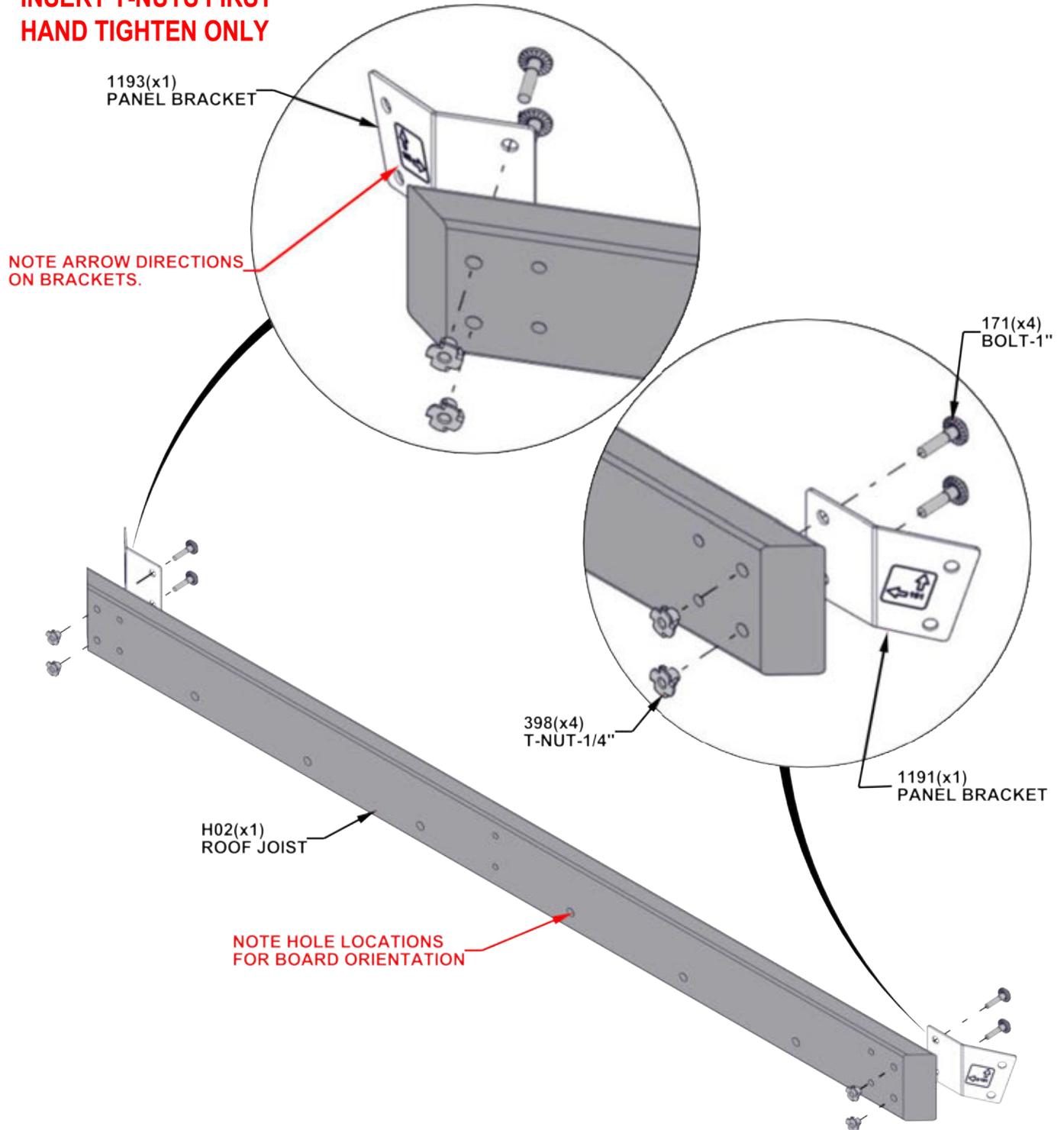
**A4M01193** | PANEL BRACKET  
(1)



**A4M01191** | PANEL BRACKET  
(1)

QTY	PART NUMBER	DESCRIPTION
4	H100398	T-NUT 1/4 BLK
4	H100171	BOLT WH 1/4x1 BLK

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





# STEP 16 - 14FT ROOF PANEL ASSEMBLY

**E02** | RAFTER- W4L16288  
(2) 1 3/8"x3 3/8"x63 7/8" (36x86x1622)

**E11** | RAFTER- W4L16290  
(1) 1 3/8"x3 3/8"x63 7/8" (36x86x1622)

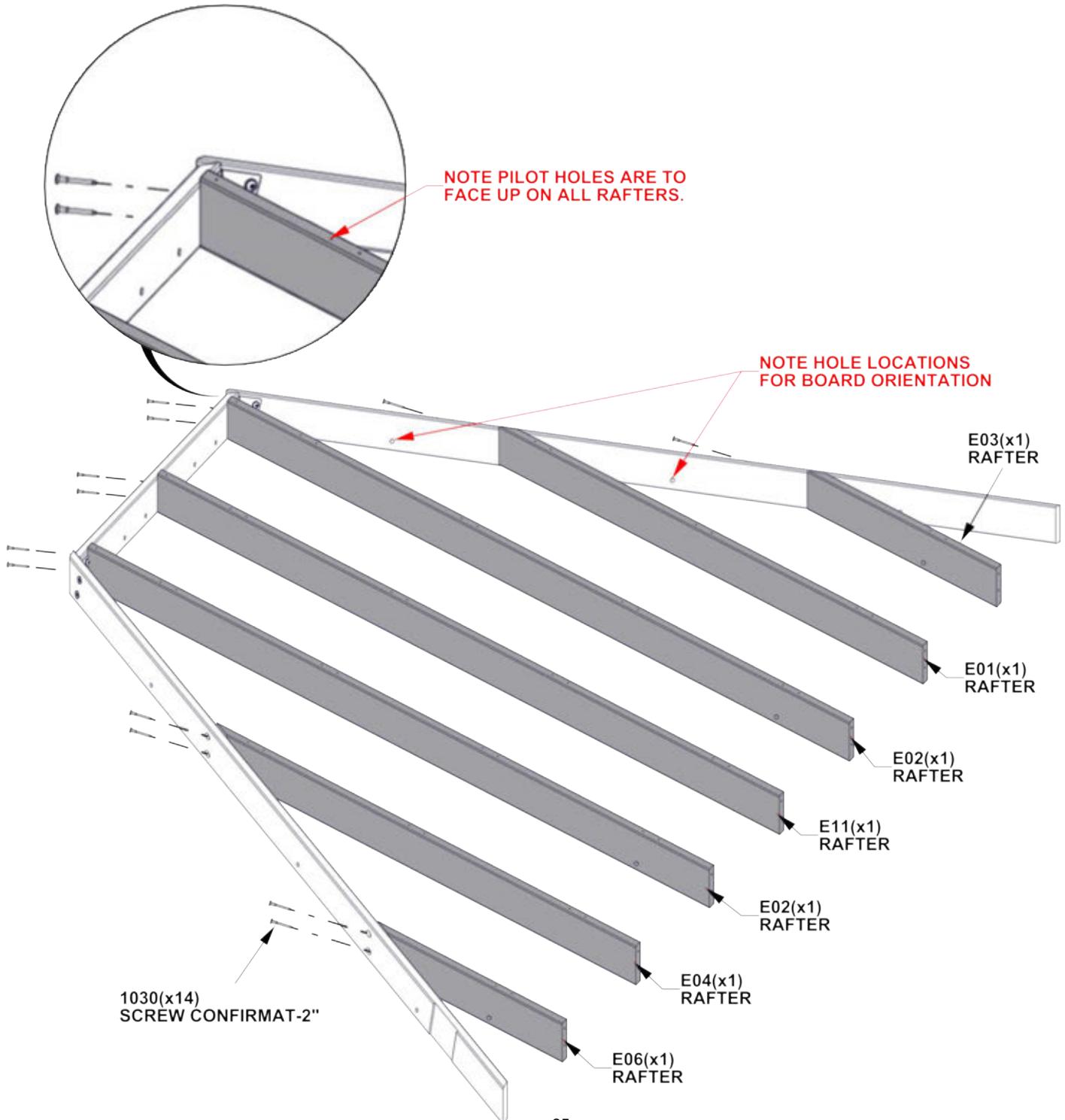
**E03** | RAFTER- W4L16286  
(1) 1 3/8"x3 3/8"x20 7/16" (36x86x519)

**E06** | RAFTER - W4L16287  
(1) 1 3/8"x3 3/8"x20 7/16" (36x86x519)

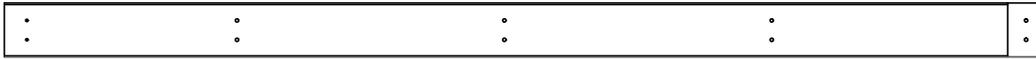
**E01** | RAFTER- W4L16284  
(1) 1 3/8"x3 3/8"x44" (36x86x1117)

**E04** | RAFTER- W4L16285  
(1) 1 3/8"x3 3/8"x44" (36x86x1117)

QTY	PART NUMBER	DESCRIPTION
14	H101030	SCREW 2" CONFIRMAT BLK



# STEP 17A - 14FT ROOF PANEL ASSEMBLY

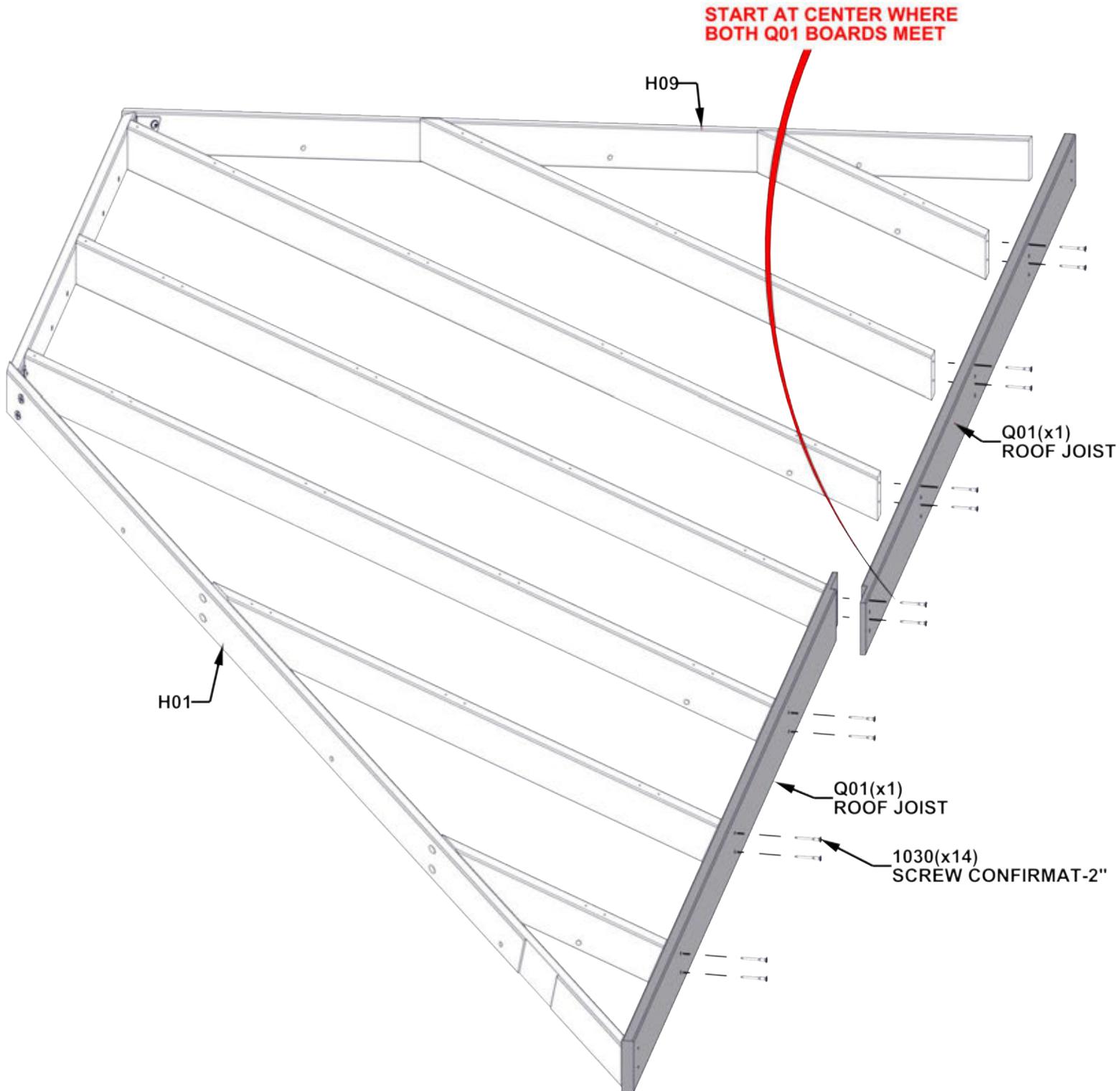


**Q01** ROOFJOIST-W4L16294  
 (2) "x4 7/16"x84 9/16" (24x112x2148)

QTY	PART NUMBER	DESCRIPTION
4	H100382	SCREW PFH 8x1 3/4 BLK
14	H101030	SCREW 2" CONFIRMAT BLK

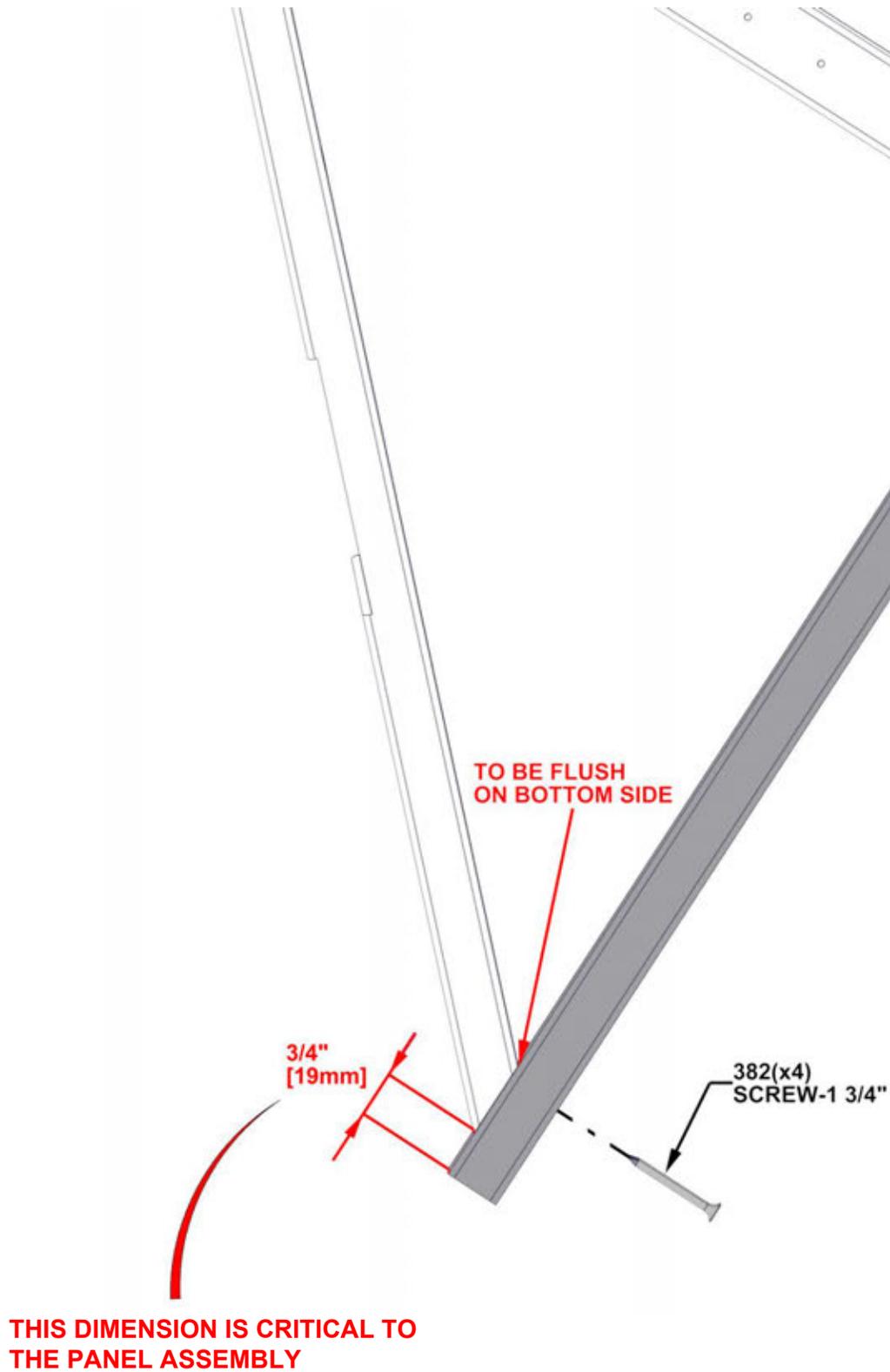
**TIP:**

- RAFTERS MAY NEED TO BE LOOSENED TO ATTACH Q01 TO H01/H09



# STEP 17B - 14FT ROOF PANEL ASSEMBLY

- TIPS:
- USING THE Q01 BOARD AS A GUIDE AND A 1/8" DRILL BIT, DRILL PILOT HOLES INTO THE H01 BOARD USING THE DIMENSION BELOW.
  - REPEAT ON OPPOSITE END WITH H09 BOARD.



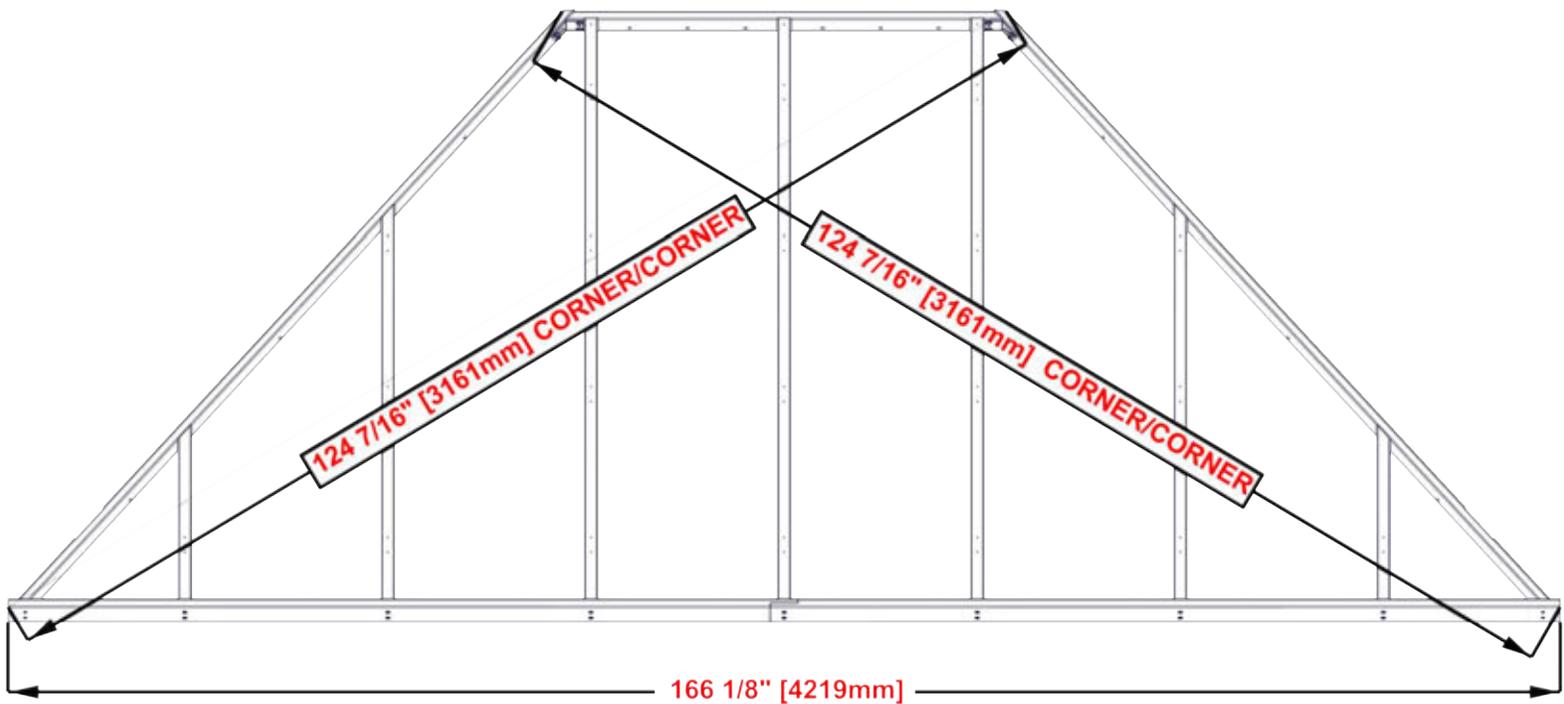
# STEP 17C - 14FT ROOF PANEL ASSEMBLY

**TIP:**

- 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.
- MEASUREMENTS SHOULD BE WITHIN +/- 1/4".
- MEASUREMENTS OUTSIDE OF TOLERANCE WILL LEAD TO THE INABILITY TO ASSEMBLE THE ROOF.



# STEP 18 - 14FT ROOF PANEL ASSEMBLY

**H07 | PURLIN-W4L16292**  
(2) | 1"x3 3/8"x59 7/16" (24x86x1509)

**H05 | PURLIN-W4L16291**  
(2) | 1"x3 3/8"x65 1/2" (24x86x1664)

**H08 | PURLIN-W4L16293**  
(2) | 1"x3 3/8"x 43 11/16" (24x86x1110)

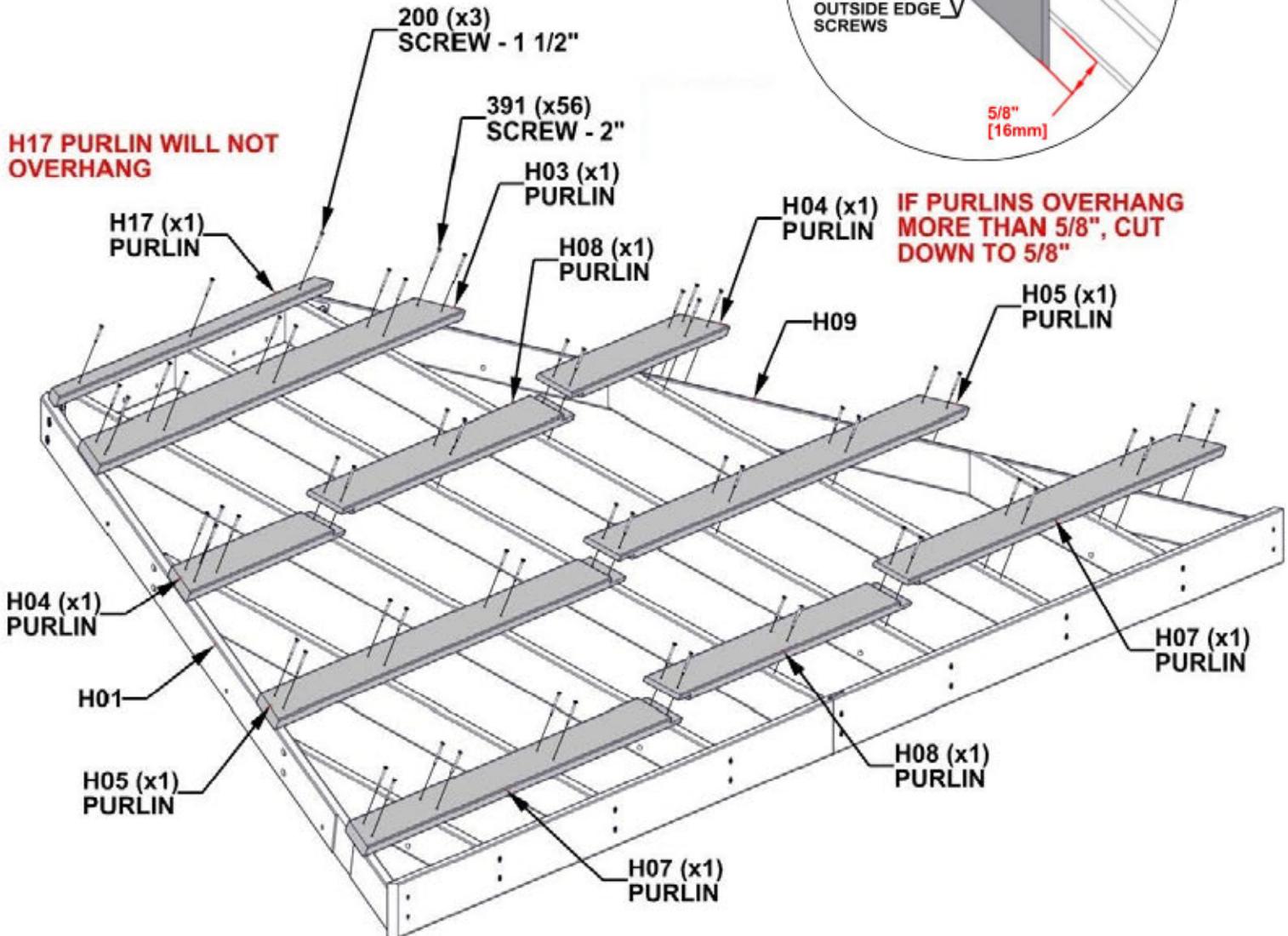
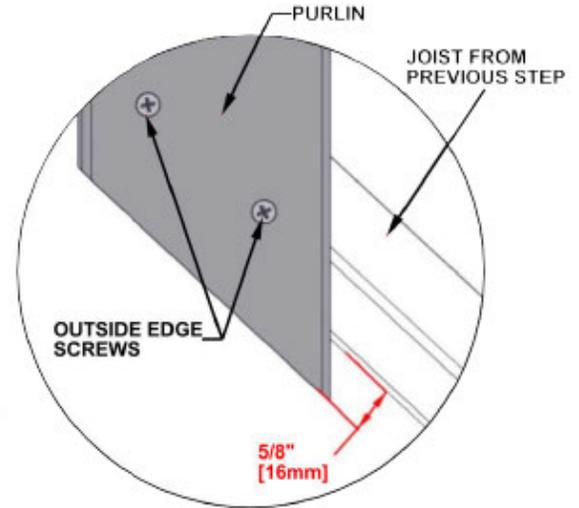
**H04 | PURLIN - W4L16921**  
(2) | 1"x3 3/8"x29 5/8" (24x86x752)

**H03 | PURLIN - W4L16281**  
(1) | 1"x3 3/8"x68 3/8" (24x86x1736)

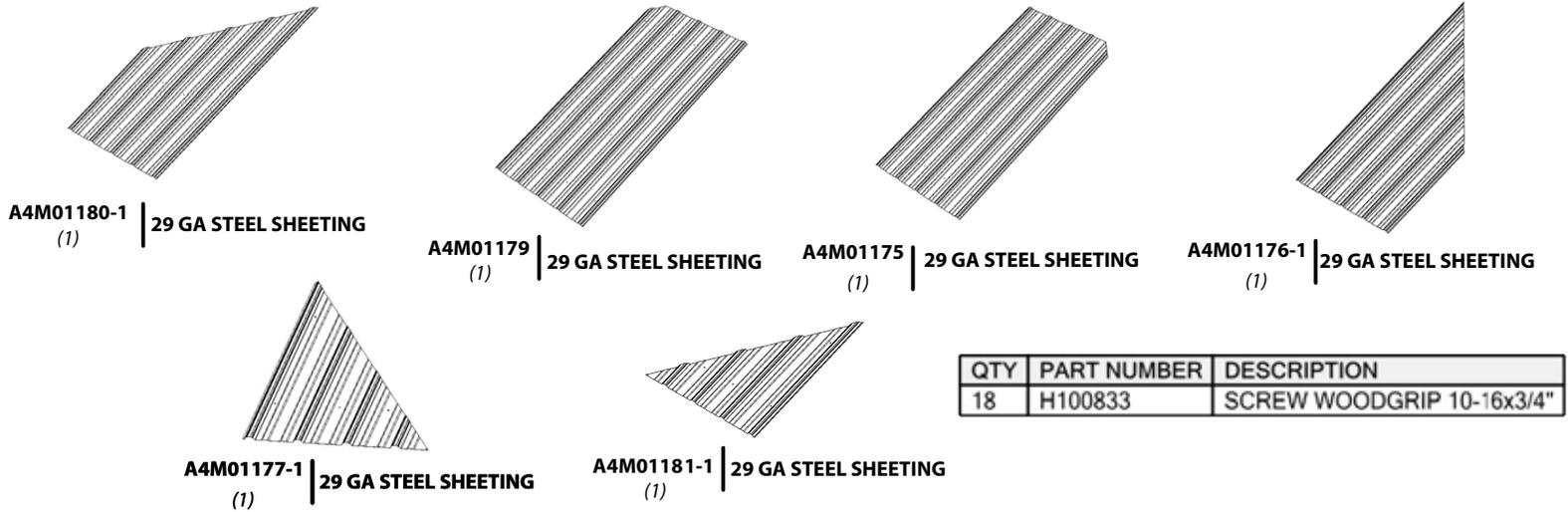
**H17 | PURLIN - W4L16289**  
(1) | 1"x1 3/8"x51 3/8" (24x34x1306)

Qty	PART NUMBER	DESCRIPTION
56	H100391	SCREW PFH 8 X 2 BLK
3	H100200	SCREW PFH 8 X 1 1/2 BLK

- TIPS:**
- ALIGN PURLIN PILOT HOLES WITH RAFTER PILOT HOLES
  - ATTACH SCREWS FROM THE CENTER AND WORK OUTWARD
  - H01 AND H09 BOARDS DO NOT HAVE PILOT HOLES FOR OUTSIDE EDGE SCREWS.
  - USING THE PURLINS AS A GUIDE AND A 1/8" DRILL BIT, DRILL PILOT HOLES INTO H01/H09 BOARDS.



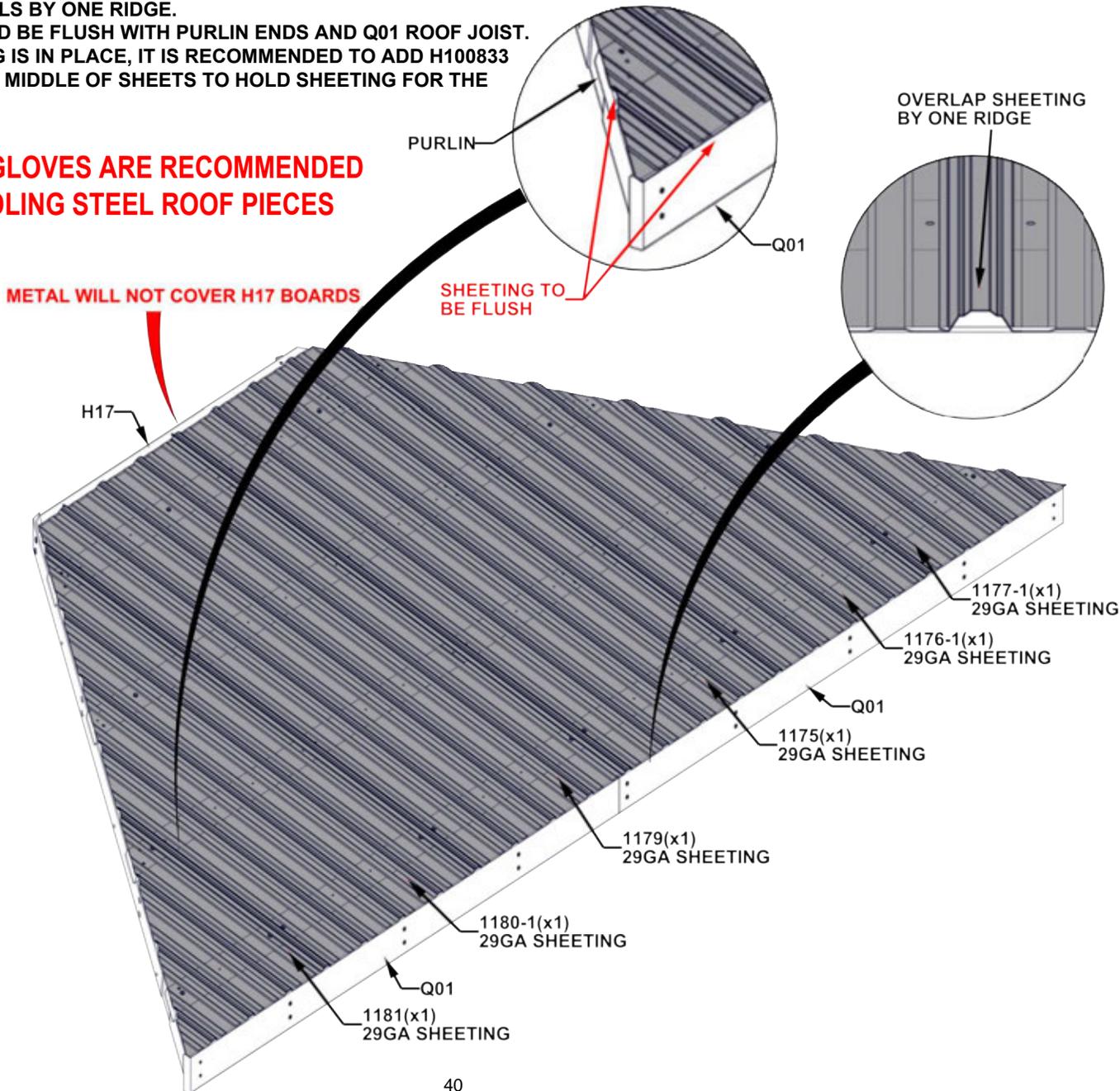
# STEP 19 - 14FT ROOF PANEL ASSEMBLY



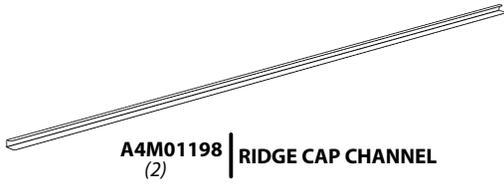
**TIPS:**

- REMOVE PROTECTIVE BLUE 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.

**WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL ROOF PIECES**



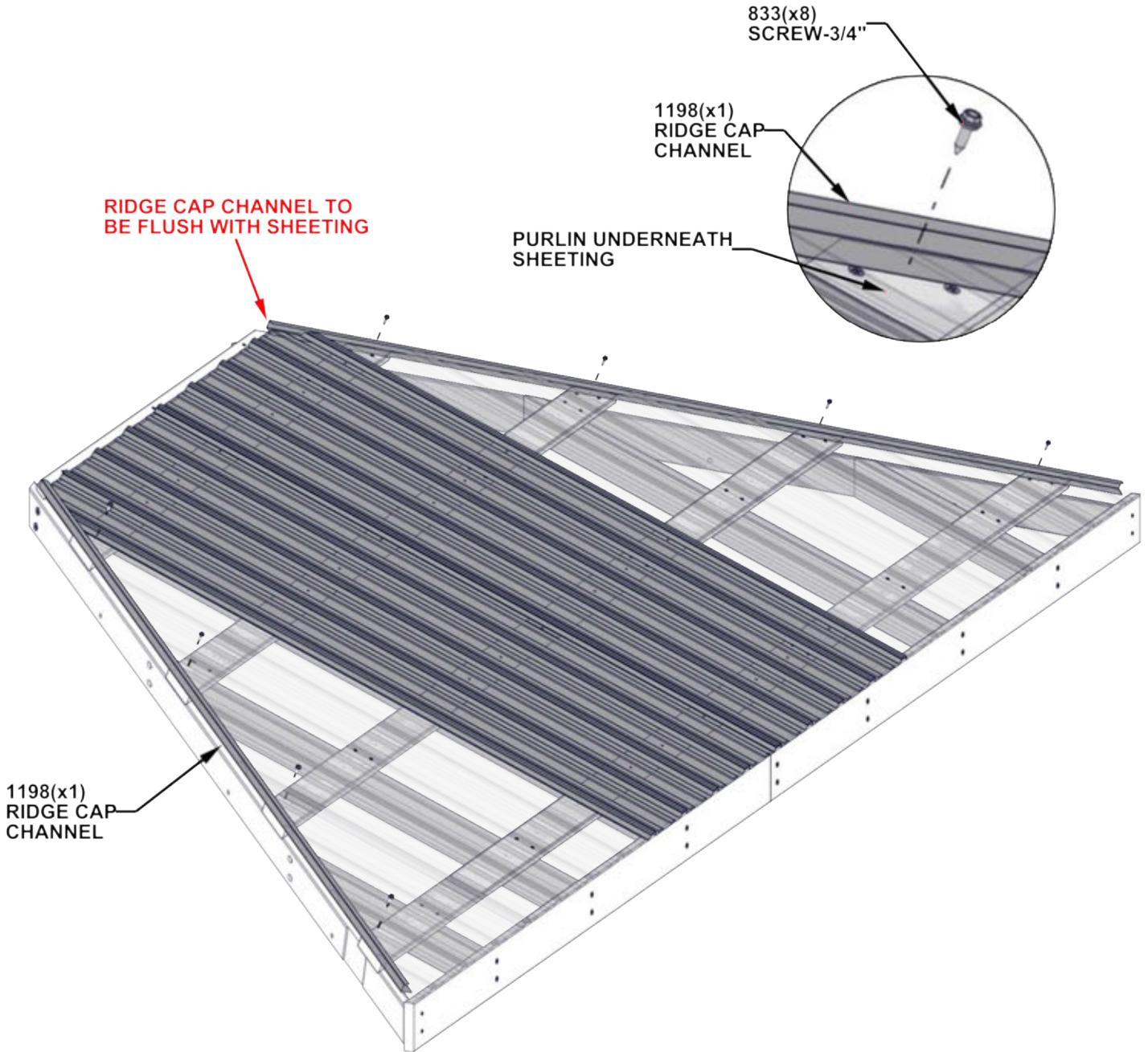
# STEP 20 - 14FT ROOF PANEL ASSEMBLY



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

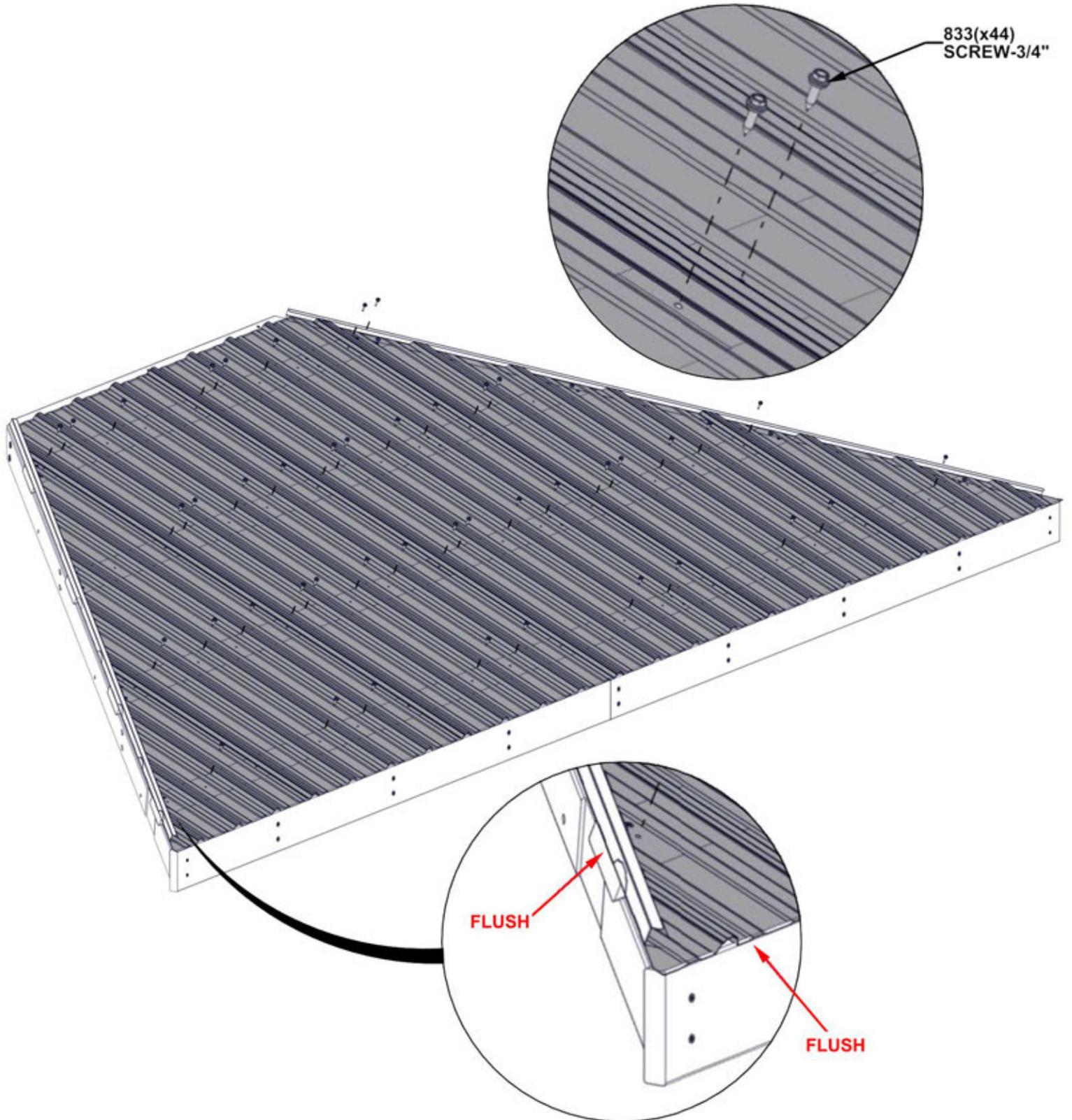
## TIPS:

- 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.



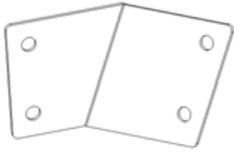
# STEP 21 - 14FT ROOF PANEL ASSEMBLY

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

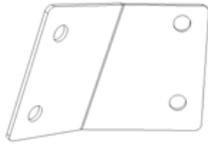


**REPEAT 14FT ROOF PANEL  
ASSEMBLY STEPS 14 THROUGH 21**

# STEP 22 - 10FT ROOF PANEL ASSEMBLY



**A4M01192** | PANEL BRACKET  
(1)



**A4M01194** | PANEL BRACKET  
(1)

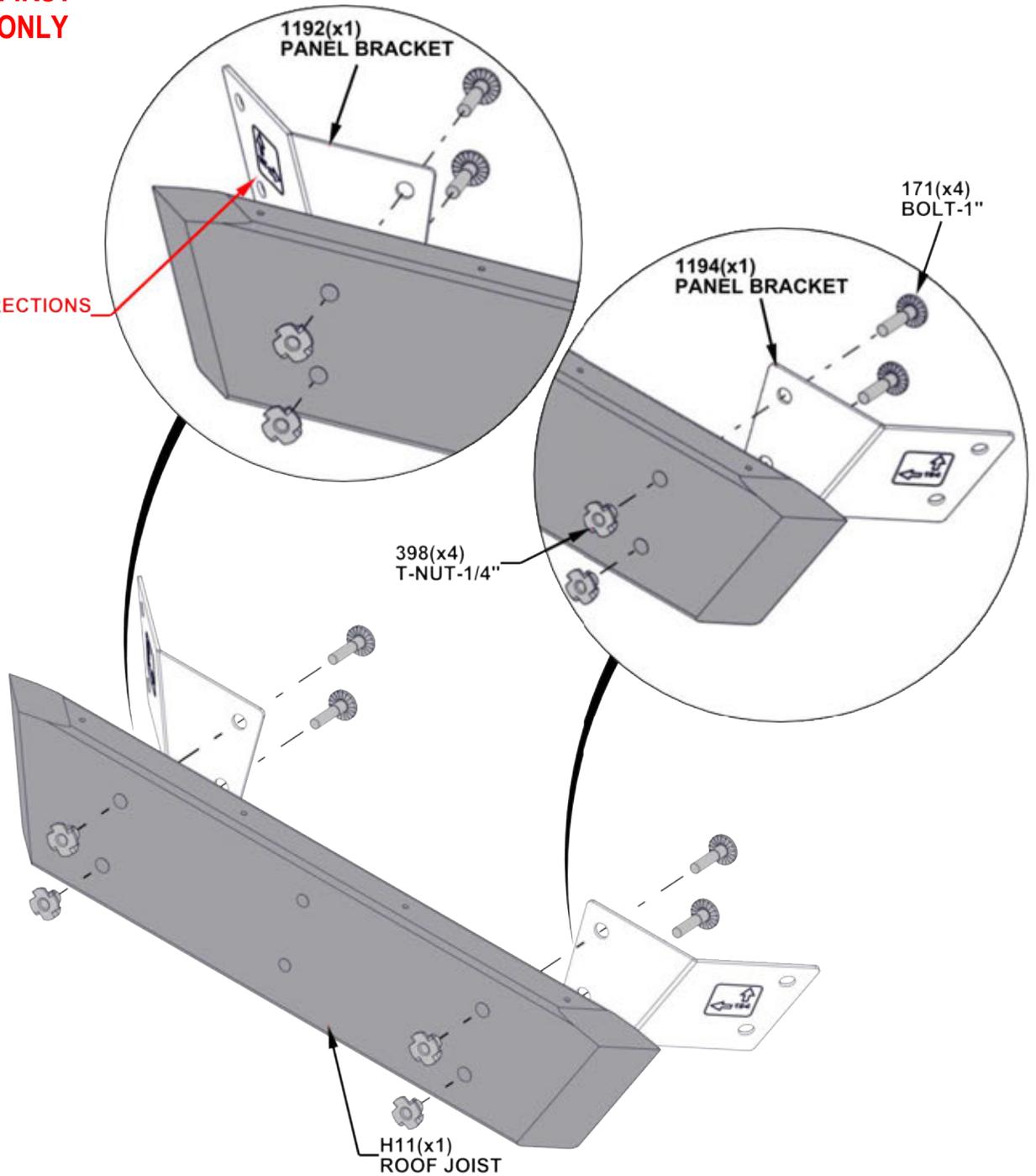
QTY	PART NUMBER	DESCRIPTION
4	H100398	T-NUT 1/4 BLK
4	H100171	BOLT WH 1/4x1 BLK



**H11** | ROOF JOIST-W4L16297  
(1) 1"x3 3/8"x15 15/16" (24x86x404)

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

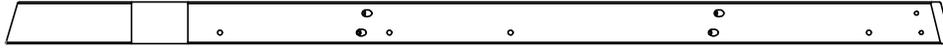
**NOTE ARROW DIRECTIONS  
ON BRACKETS**



# STEP 23 - 10FT ROOF PANEL ASSEMBLY

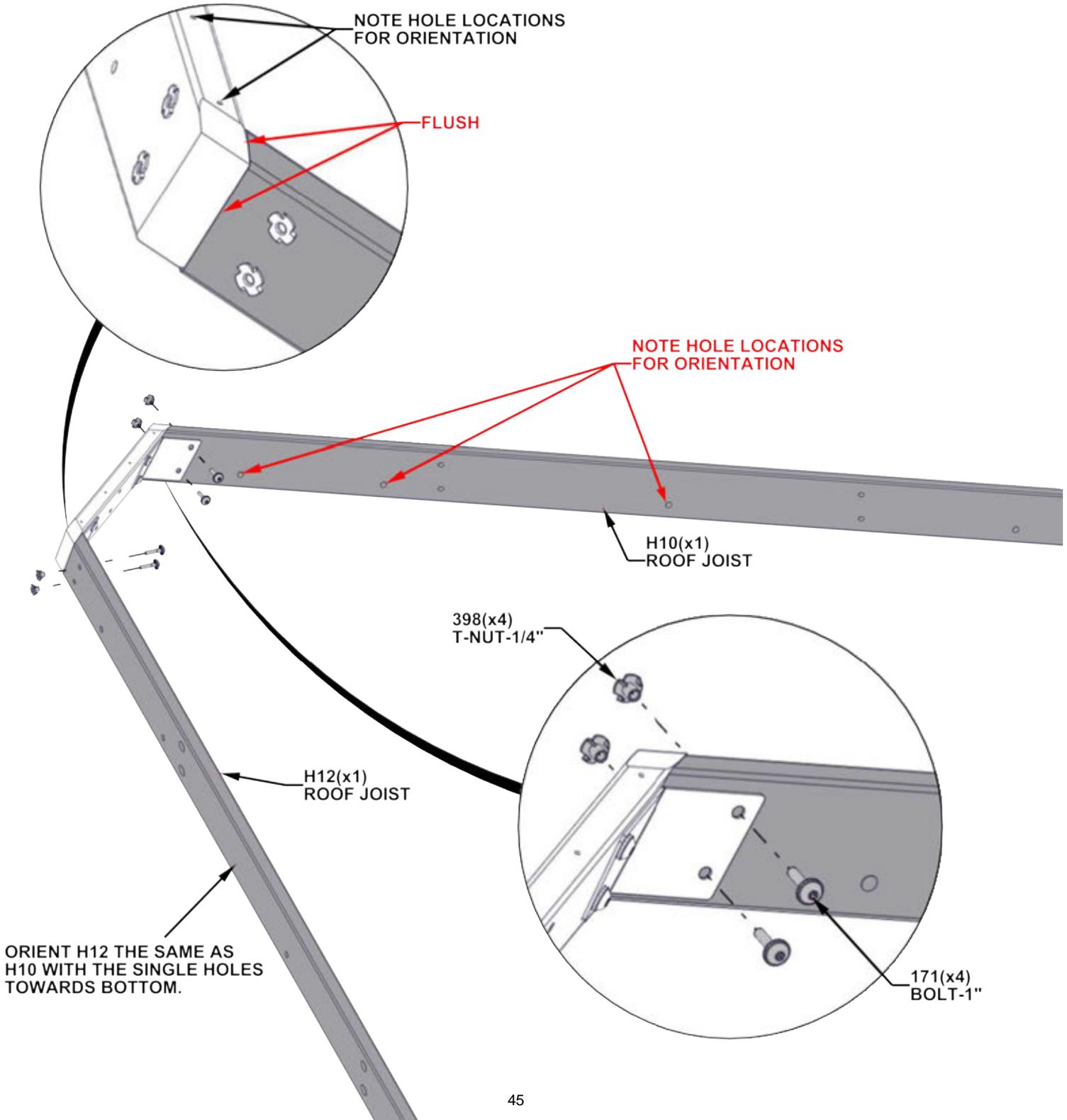


**H12 | ROOF JOIST-W4L16308**  
(1) 1"x3 3/8"x76 3/4" (24x86x1952)



**H10 | ROOF JOIST-W4L16309**  
(1) 1"x3 3/8"x76 7/8" (24x86x1952)

QTY	PART NUMBER	DESCRIPTION
4	H100398	T-NUT 1/4 BLK
4	H100171	BOLT WH 1/4x1 BLK



# STEP 24 - 10FT ROOF PANEL ASSEMBLY



**E09** | RAFTER- W4L16298  
(1) | 1 3/8"x3 3/8"x55 13/16" (36x86x1417)



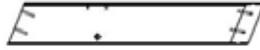
**E07** | RAFTER- W4L17401  
(1) | 1 3/8"x3 3/8"x42 7/8" (36x86x1087)



**E12** | RAFTER - W4L16302  
(1) | 1 3/8"x3 3/8"x21 3/4" (36x86x553)

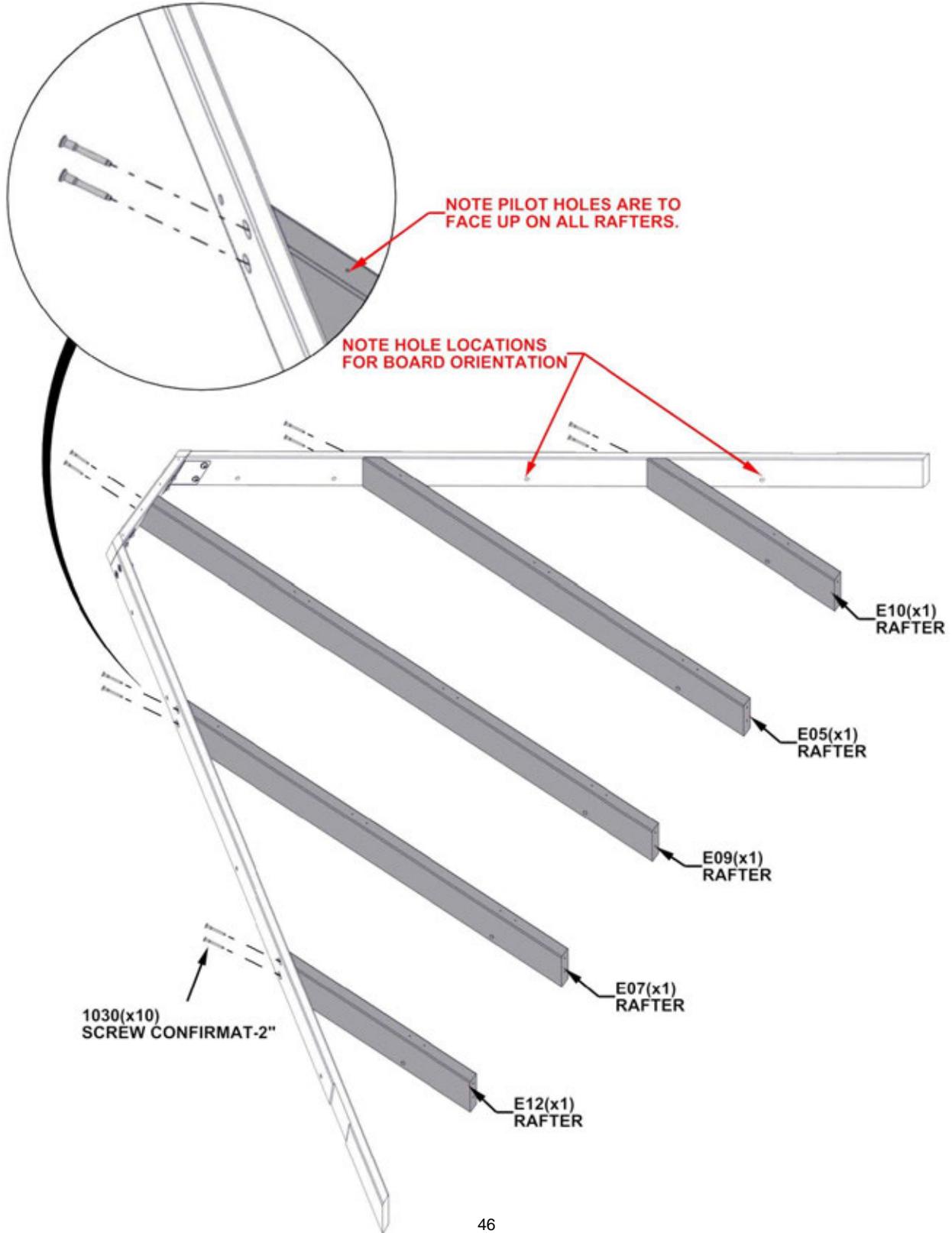


**E05** | RAFTER - W4L17402  
(1) | 1 3/8"x3 3/8"x42 7/8" (36x86x1087)



**E10** | RAFTER- W4L16300  
(1) | 1 3/8"x3 3/8"x21 3/4" (36x86x553)

QTY	PART NUMBER	DESCRIPTION
10	H101030	SCREW 2" CONFIRMAT BLK



# STEP 25A - 10FT ROOF PANEL ASSEMBLY

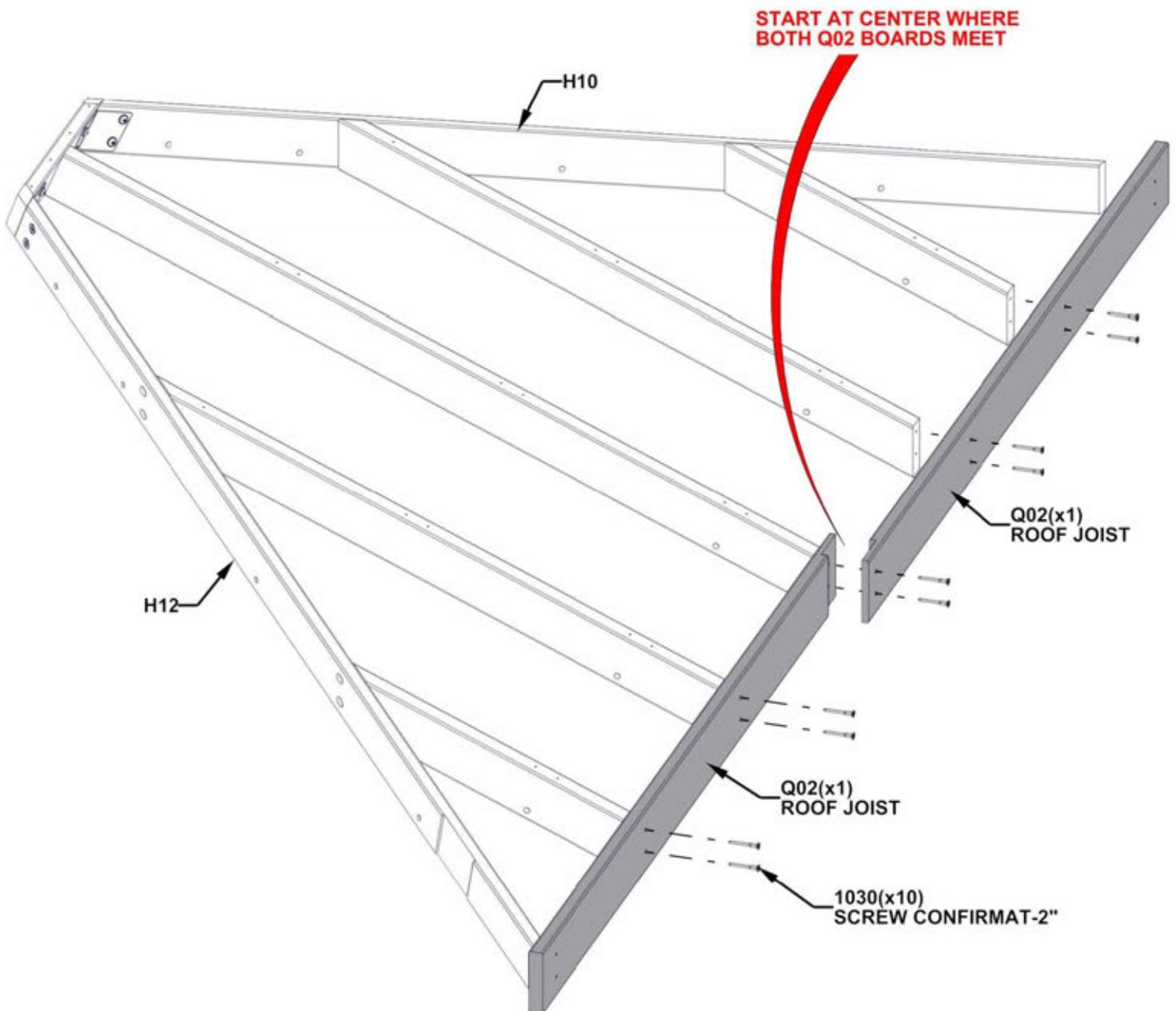
:	:	:	:
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**Q02** | ROOF JOIST-W4L16307  
(2) | 1"x4 7/16"x61 1/2" (24x112x1562)

QTY	PART NUMBER	DESCRIPTION
4	H100382	SCREW PFH 8x1 3/4 BLK
10	H101030	SCREW 2" CONFIRMAT BLK

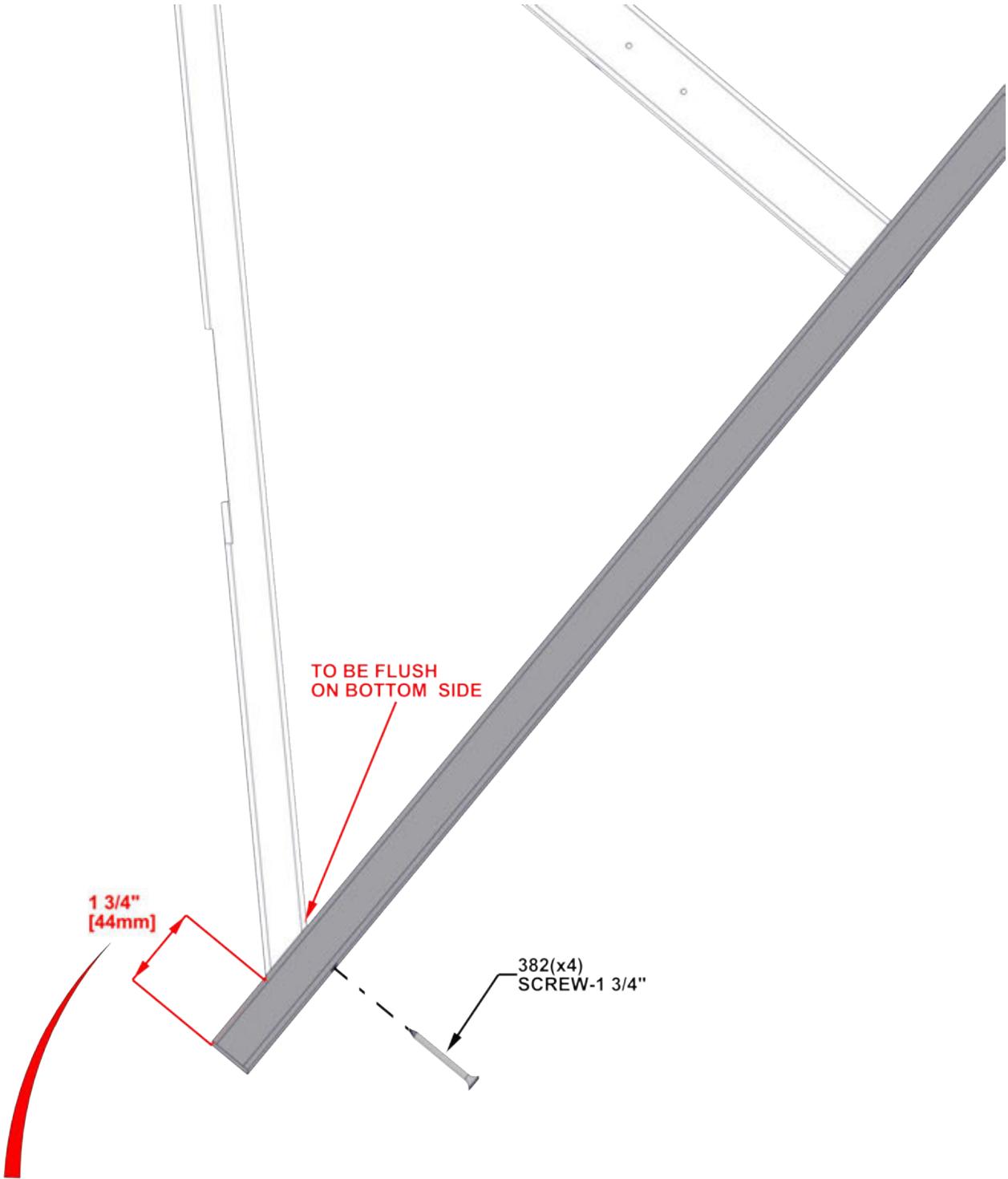
**TIP:**

- RAFTERS MAY NEED TO BE LOOSENED TO ATTACH Q02 TO H12/H10



# STEP 25B - 10FT ROOF PANEL ASSEMBLY

- USING THE Q02 BOARD AS A GUIDE AND A 1/8" DRILL BIT, DRILL PILOT HOLES INTO THE H12 BOARD USING THE DIMENSION BELOW.
- REPEAT ON OPPOSITE END WITH H10 BOARD.



**THIS DIMENSION IS CRITICAL TO THE PANEL ASSEMBLY**

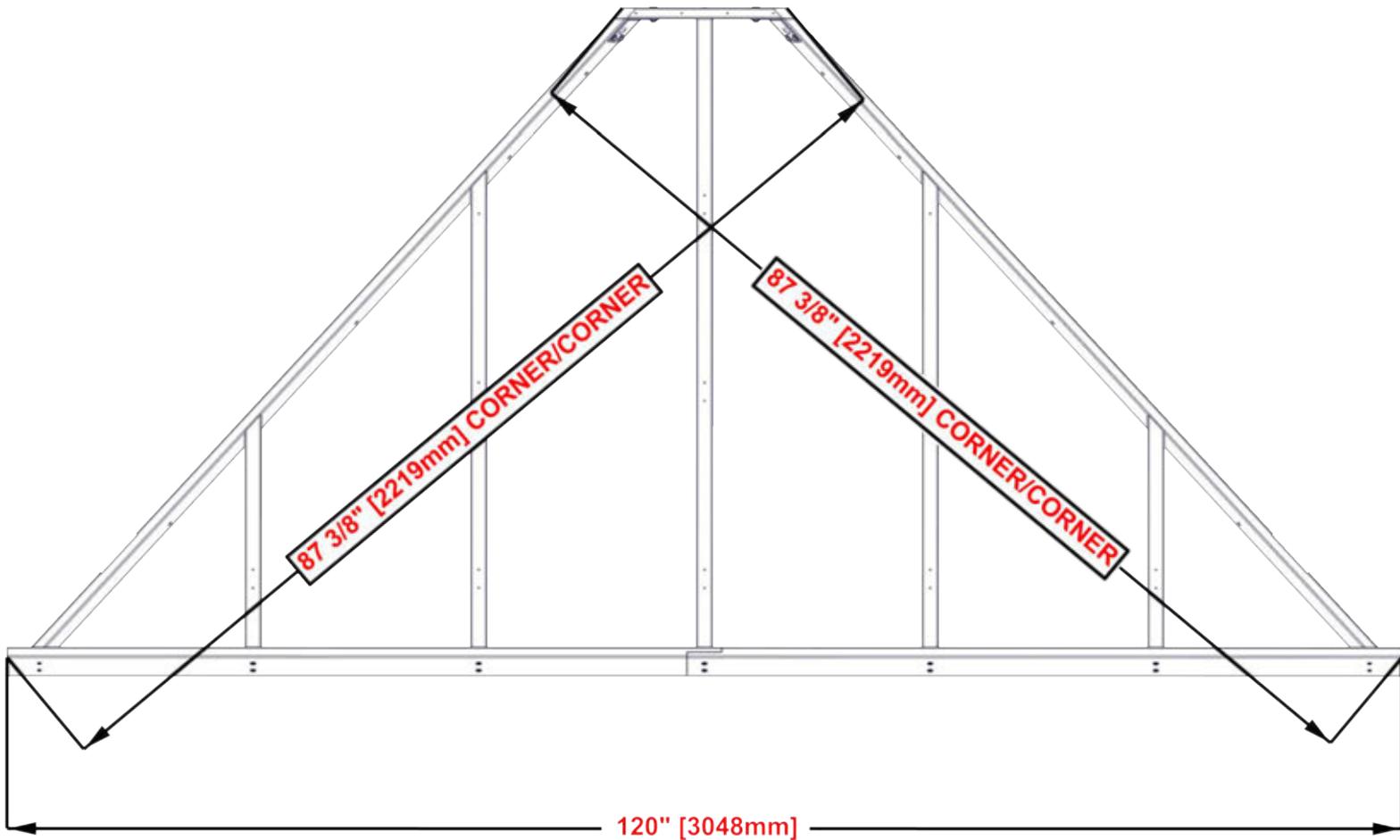
# STEP 25C - 10FT ROOF PANEL ASSEMBLY

**TIP:**

- 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.
- MEASUREMENTS SHOULD BE WITHIN +/- 1/4".
- MEASUREMENTS OUTSIDE OF TOLERANCE WILL LEAD TO THE INABILITY TO ASSEMBLE THE ROOF.



# STEP 26 - 10FT ROOF PANEL ASSEMBLY

**H13** | ROOF JOIST - W4L16303  
(1) | 1"x3 3/8"x20 1/4" (24x86x514)

**H14** | PURLIN - W4L16304  
(1) | 1"x3 3/8"x50 1/16" (24x86x1272)

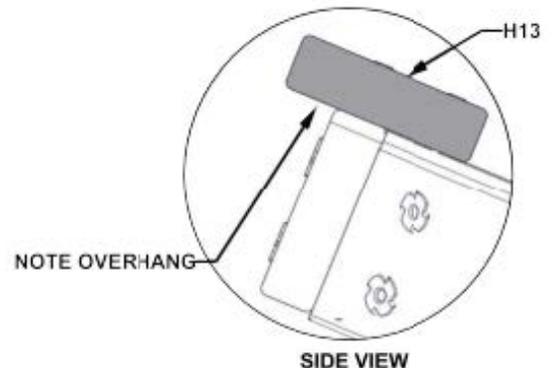
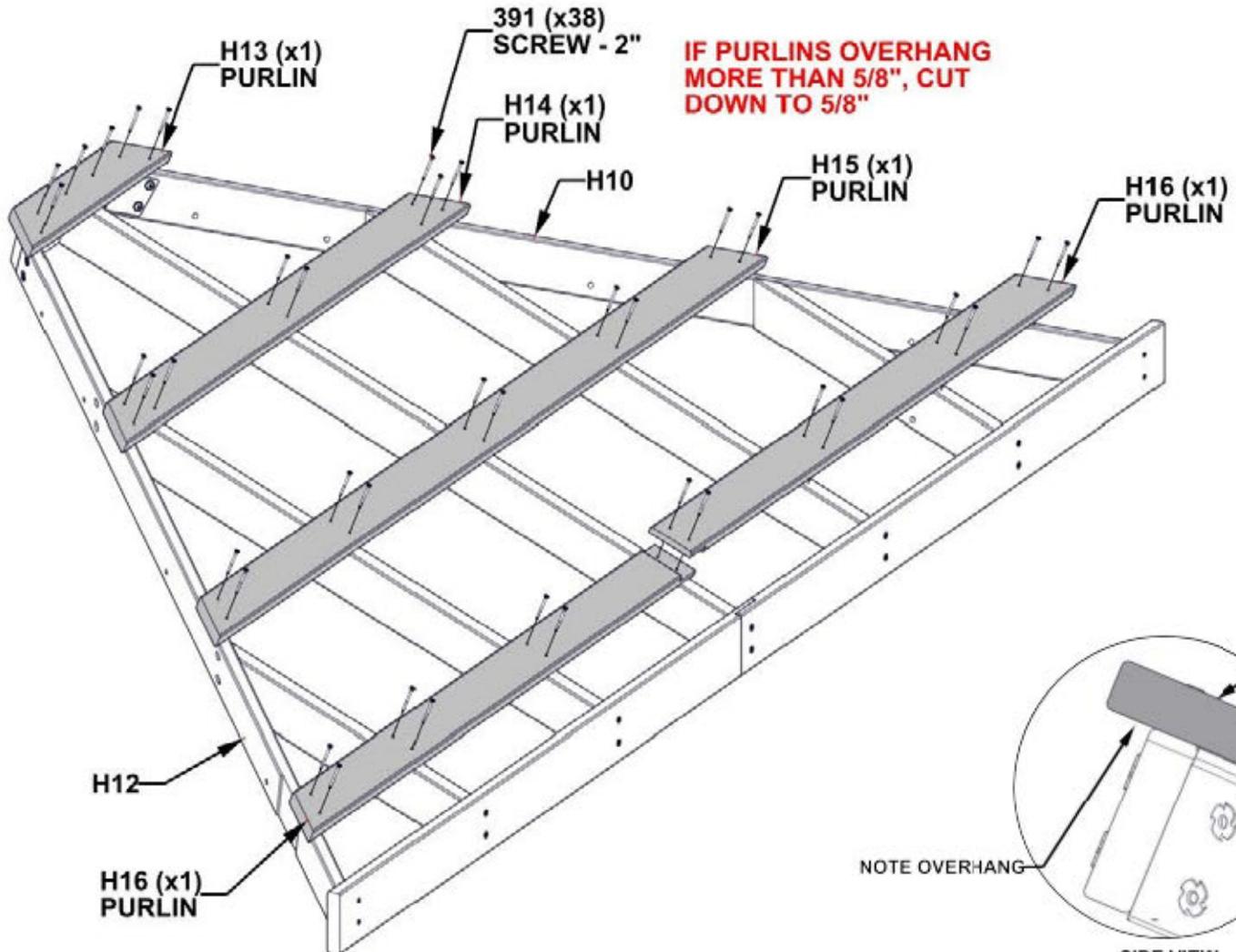
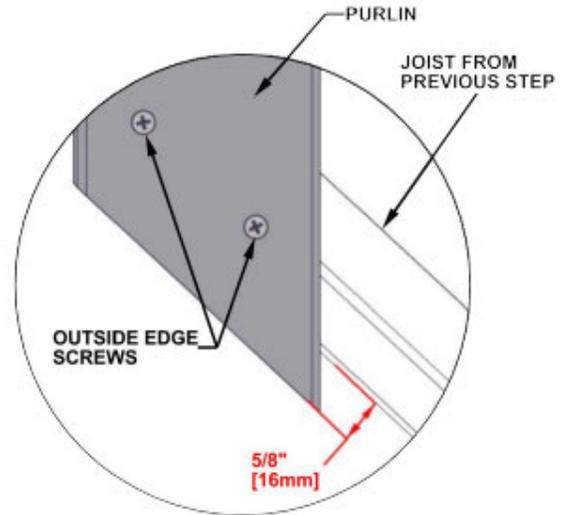
**H15** | PURLIN - W4L16305  
(1) | 1"x3 3/8"x79 7/8" (24x86x2030)



**H16** | PURLIN - W4L16922  
(2) | 1"x3 3/8"x56" (24x86x1423)

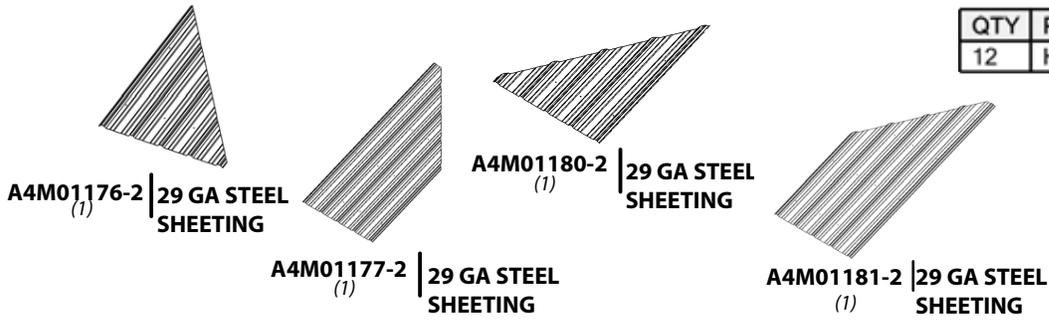
Qty	PART NUMBER	DESCRIPTION
38	H100391	SCREW PFH 8 X 2 BLK

- TIPS:**
- ALIGN PURLIN PILOT HOLES WITH RAFTER PILOT HOLES
  - ATTACH SCREWS FROM THE CENTER AND WORK OUTWARD
  - H12 AND H10 BOARDS DO NOT HAVE PILOT HOLES FOR OUTSIDE EDGE SCREWS.
  - USING THE PURLINS AS A GUIDE AND A 1/8" DRILL BIT, DRILL PILOT HOLES INTO H12/H10 BOARDS.



# STEP 27 - 10FT ROOF PANEL ASSEMBLY

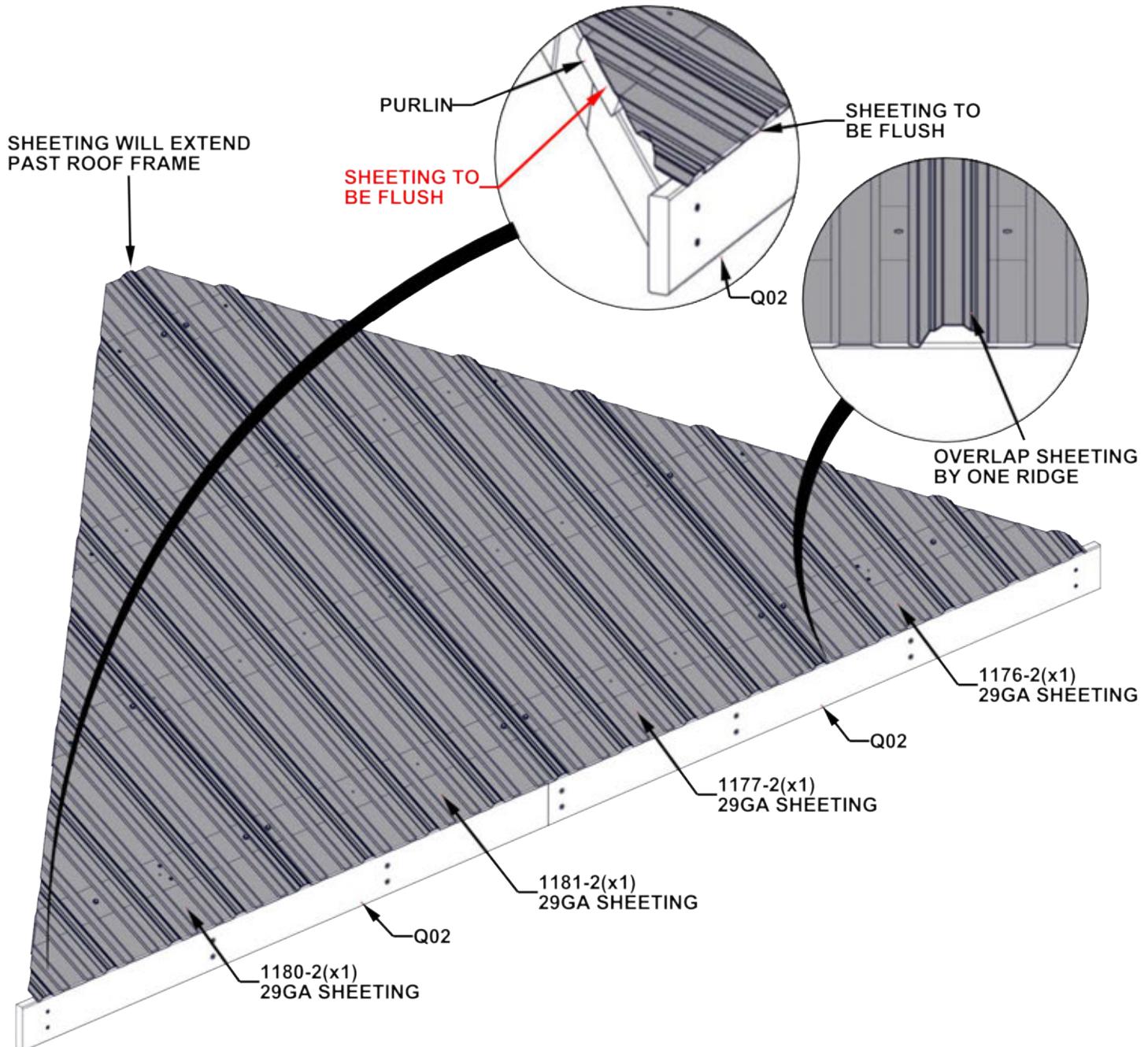
QTY	PART NUMBER	DESCRIPTION
12	H100833	SCREW WOODGRIP 10-16x3/4"



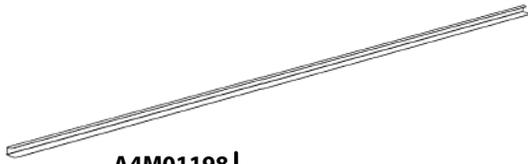
## TIPS:

- REMOVE PROTECTIVE BLUE 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 TO HOLD SHEETING FOR THE NEXT STEP.

**WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL ROOF PIECES**



# STEP 28 - 10FT ROOF PANEL ASSEMBLY

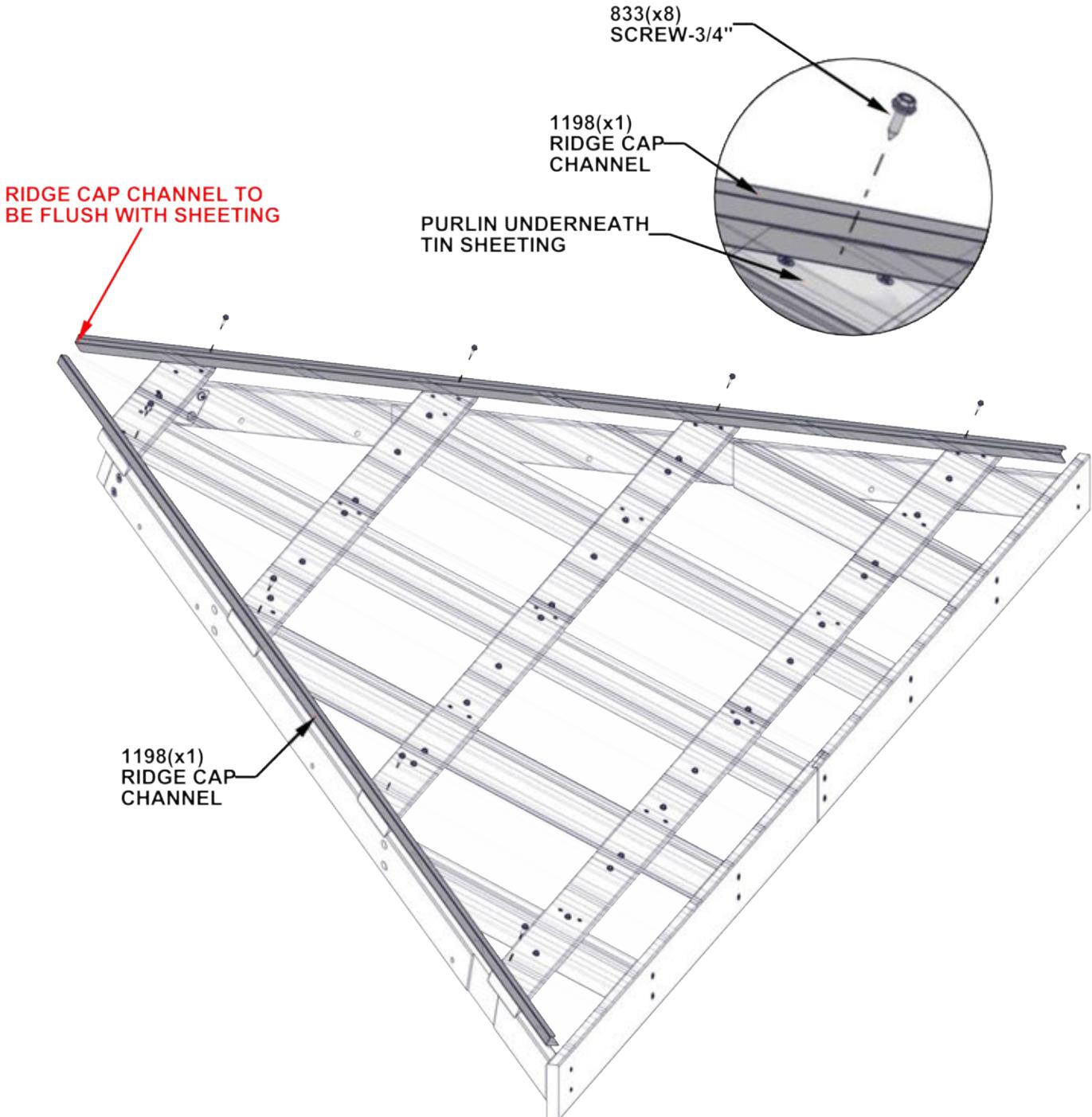


A4M01198 | RIDGE CAP CHANNEL  
(2)

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

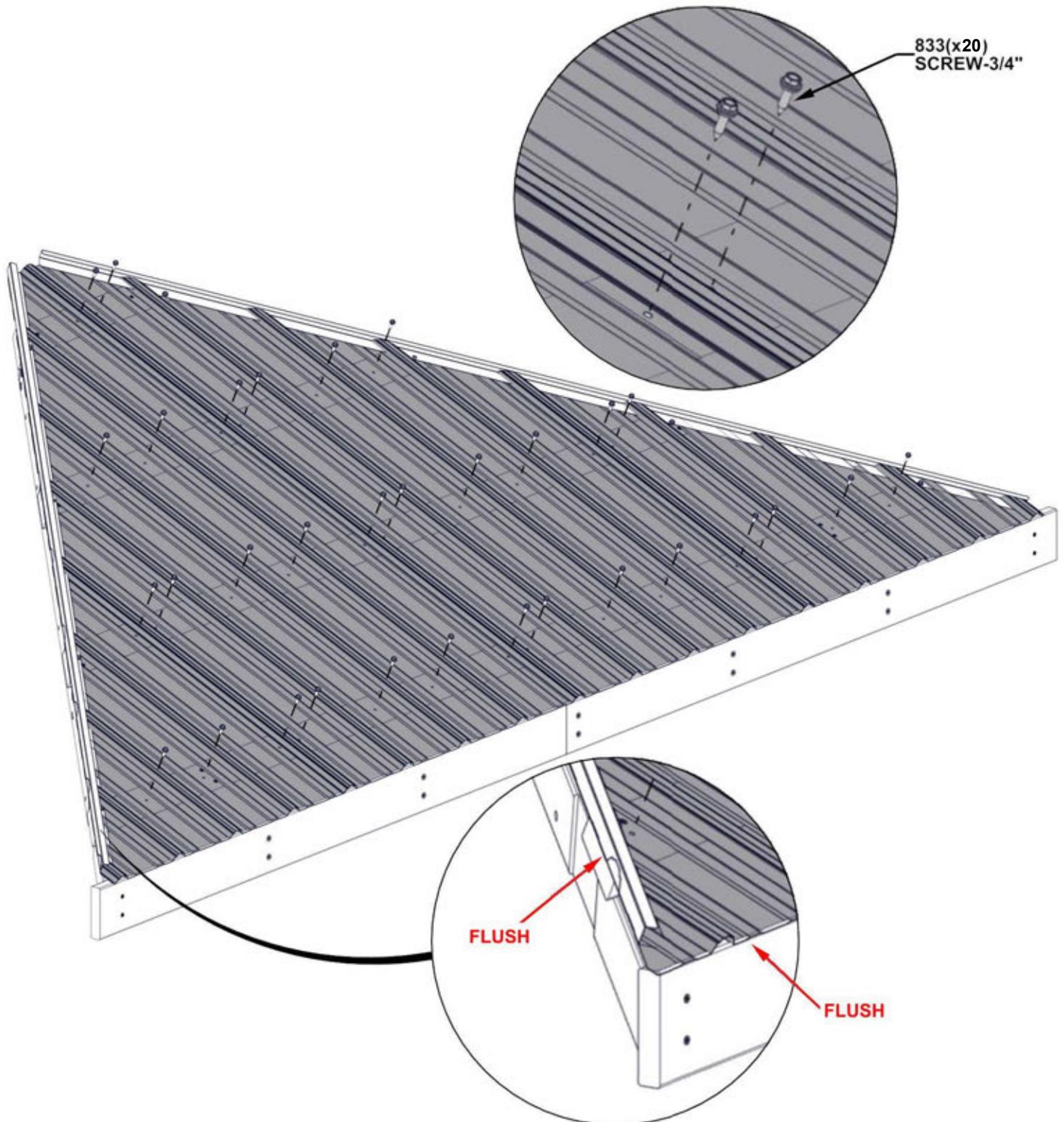
## TIPS:

- 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 29 - 10FT ROOF PANEL ASSEMBLY

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



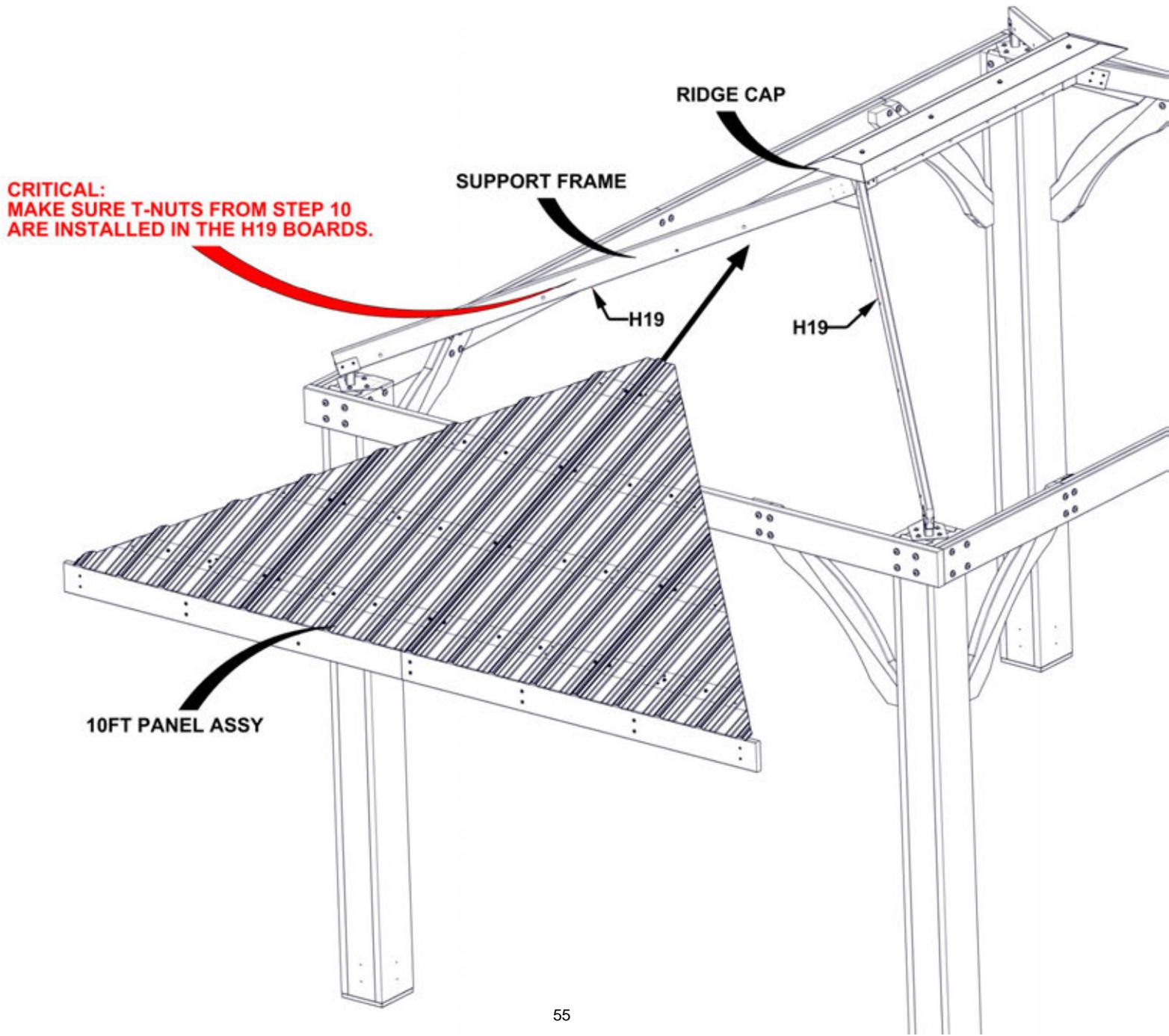
**REPEAT 10FT ROOF PANEL  
ASSEMBLY STEPS 22 THROUGH 29**

# STEP 30 - 10FT ROOF PANEL ATTACHMENT

## TIPS:

- THREE PEOPLE ARE HELPFUL 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.

**WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL ROOF PIECES**

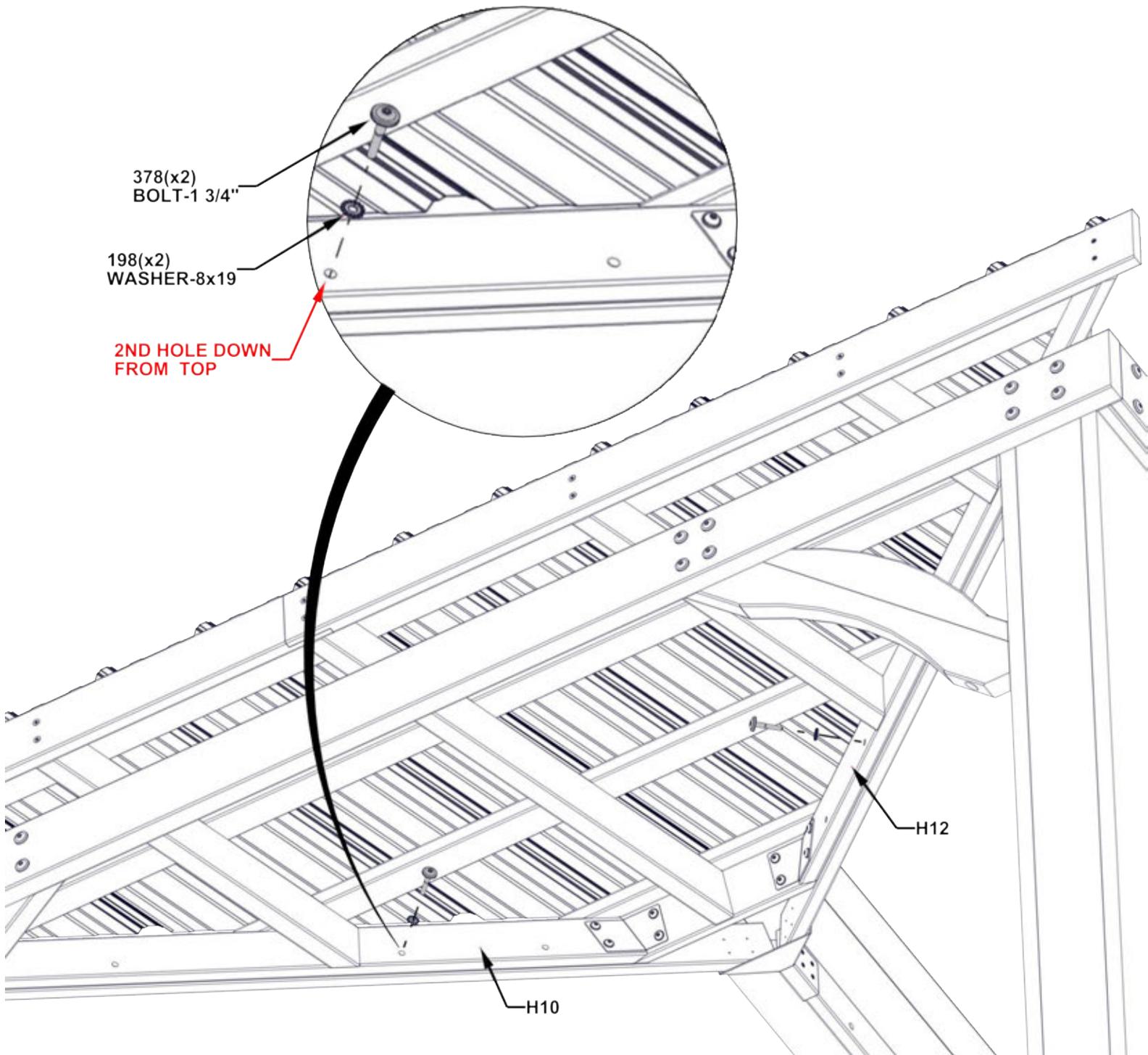


# STEP 31 - 10FT ROOF PANEL ATTACHMENT

QTY	PART NUMBER	DESCRIPTION
2	H100198	WASHER LOCK EXT 8X19 BLK
2	H100378	BOLT WH 5/16x1 3/4 BLK

- TIPS:**
- IF NECESSARY, USE A LONG SCREWDRIVER OR CLAMPS TO HOLD PANELS IN PLACE.
  - INSERT BOLTS INTO THE SECOND HOLE FROM THE TOP OF THE H10 & H12 BOARDS.

**HAND TIGHTEN ONLY**



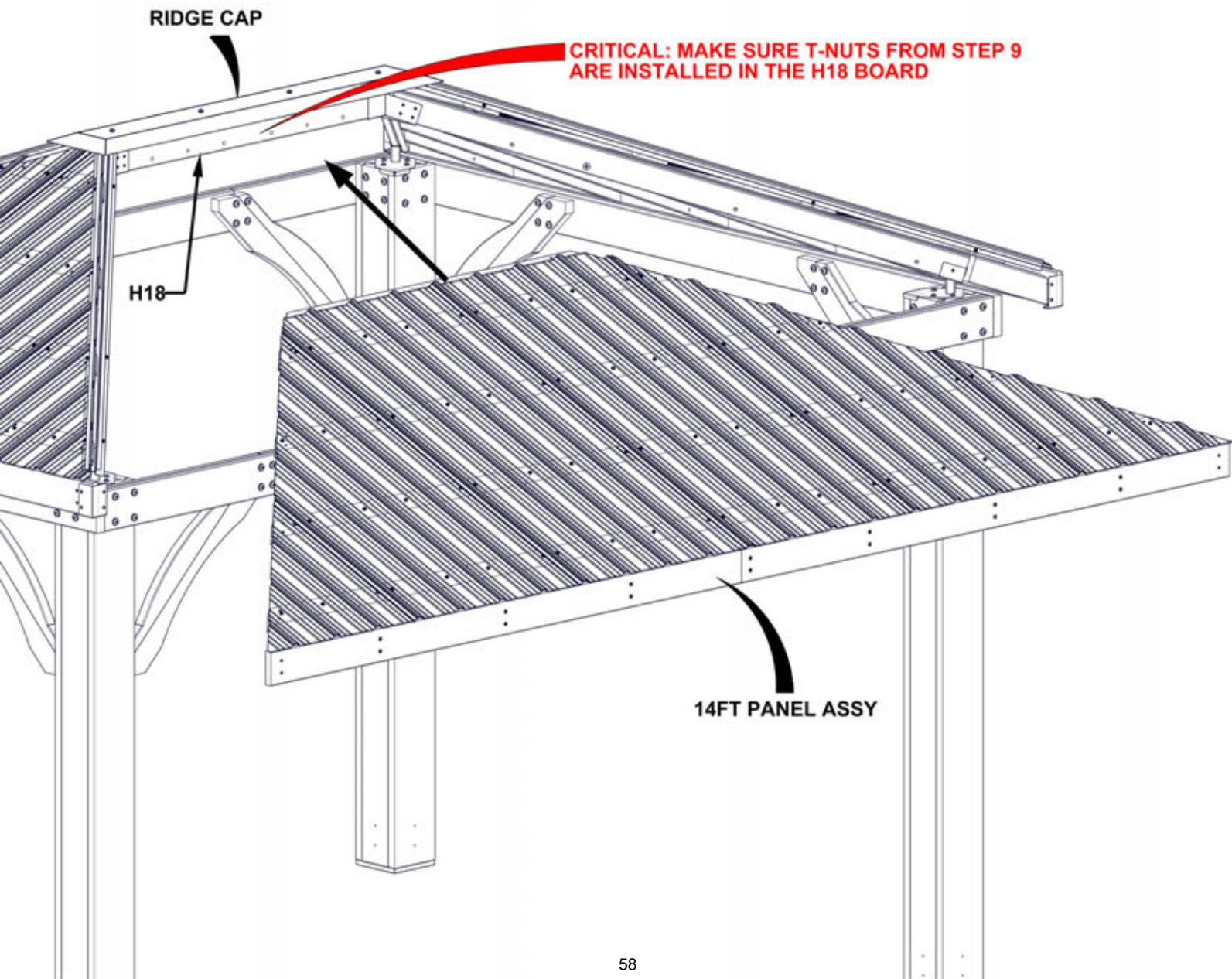
**REPEAT 10FT ROOF PANEL INSTALLATION  
STEPS 30 & 31**

# STEP 32 - 14FT ROOF PANEL ATTACHMENT

## TIPS:

- THREE PEOPLE ARE HELPFUL 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.

**WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL ROOF PIECES**

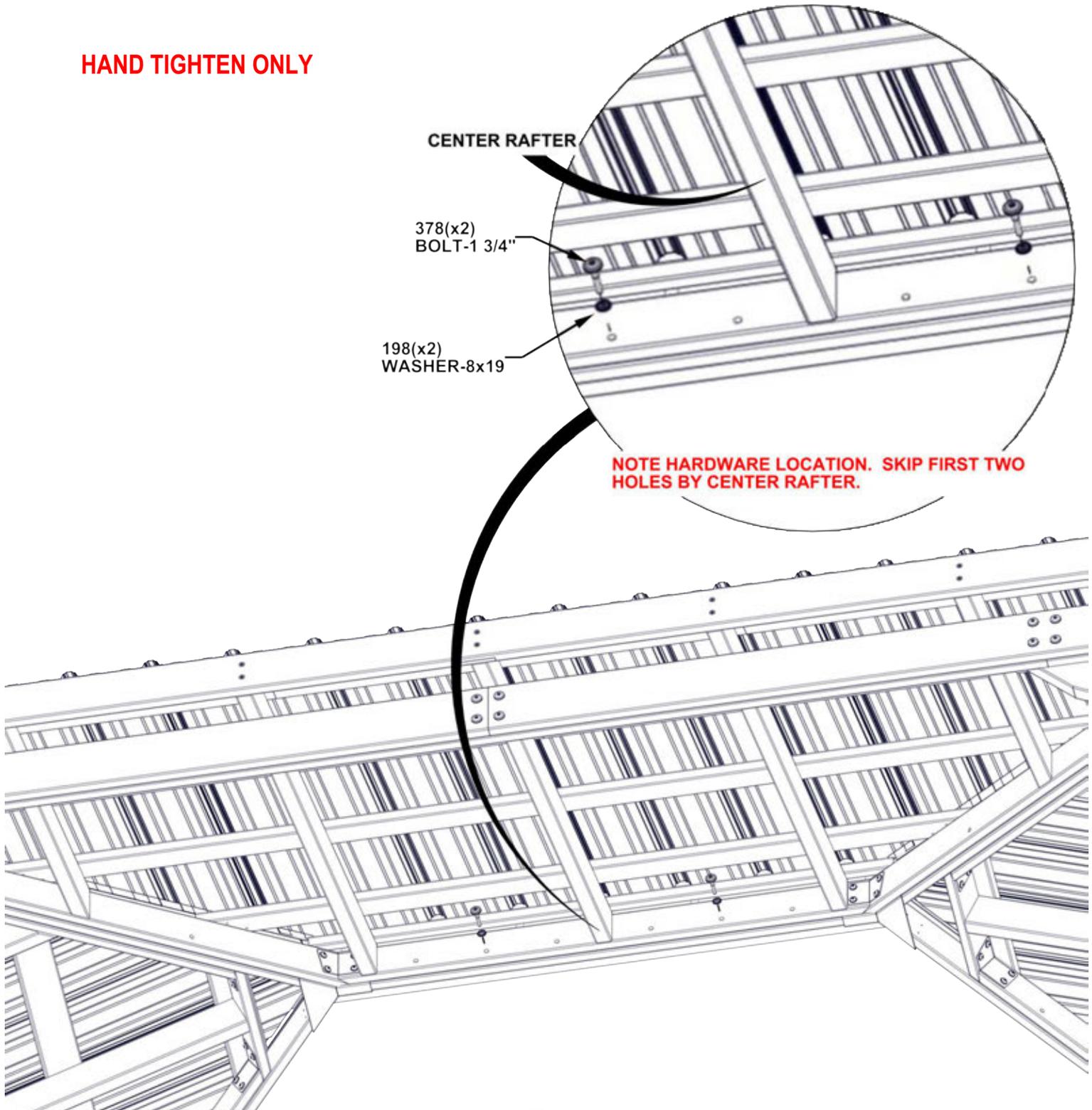


# STEP 33 - 14FT ROOF PANEL ATTACHMENT

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

- TIPS:
- IF NECESSARY, USE A LONG SCREWDRIVER OR CLAMPS TO HOLD PANELS IN PLACE.

**HAND TIGHTEN ONLY**



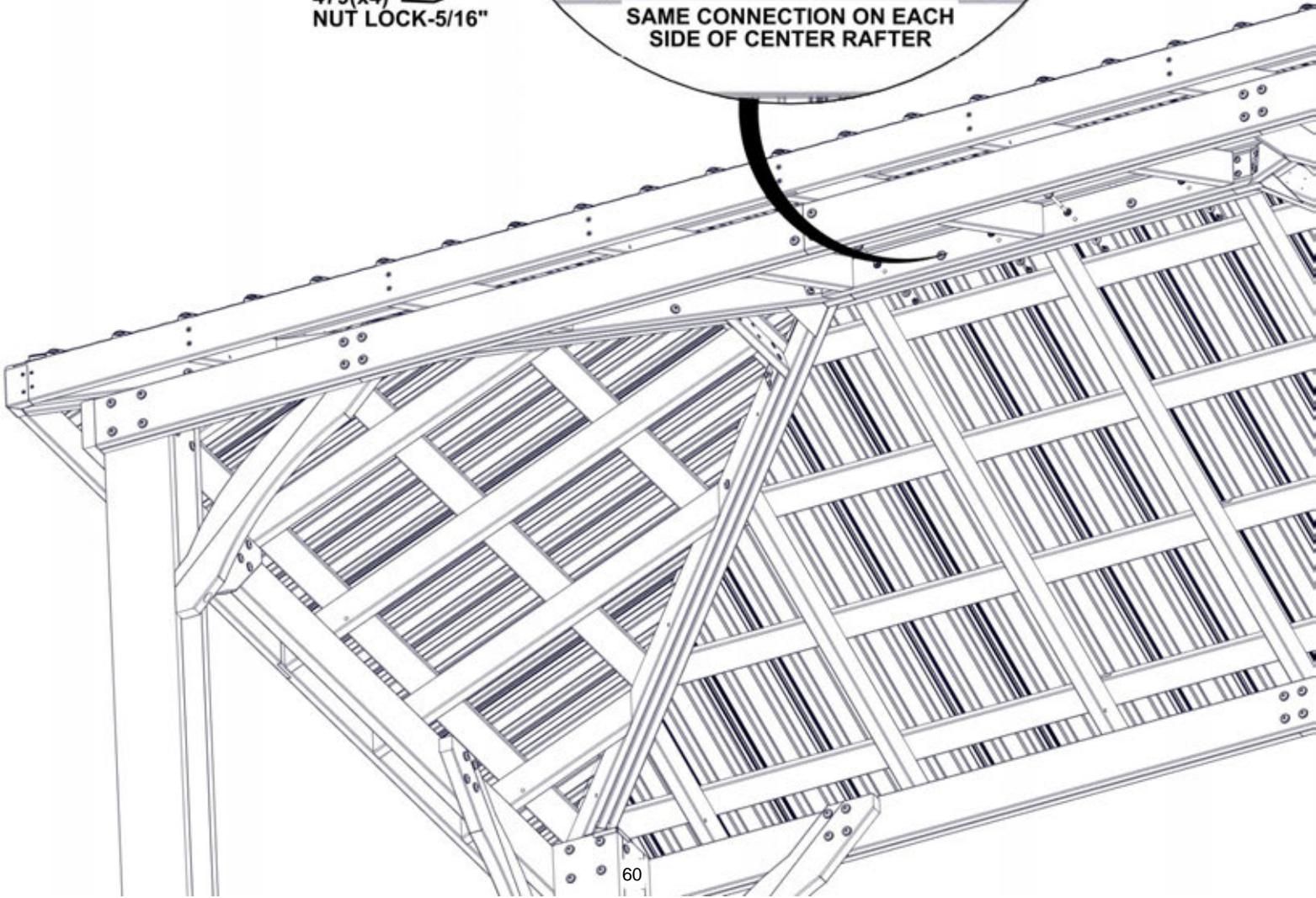
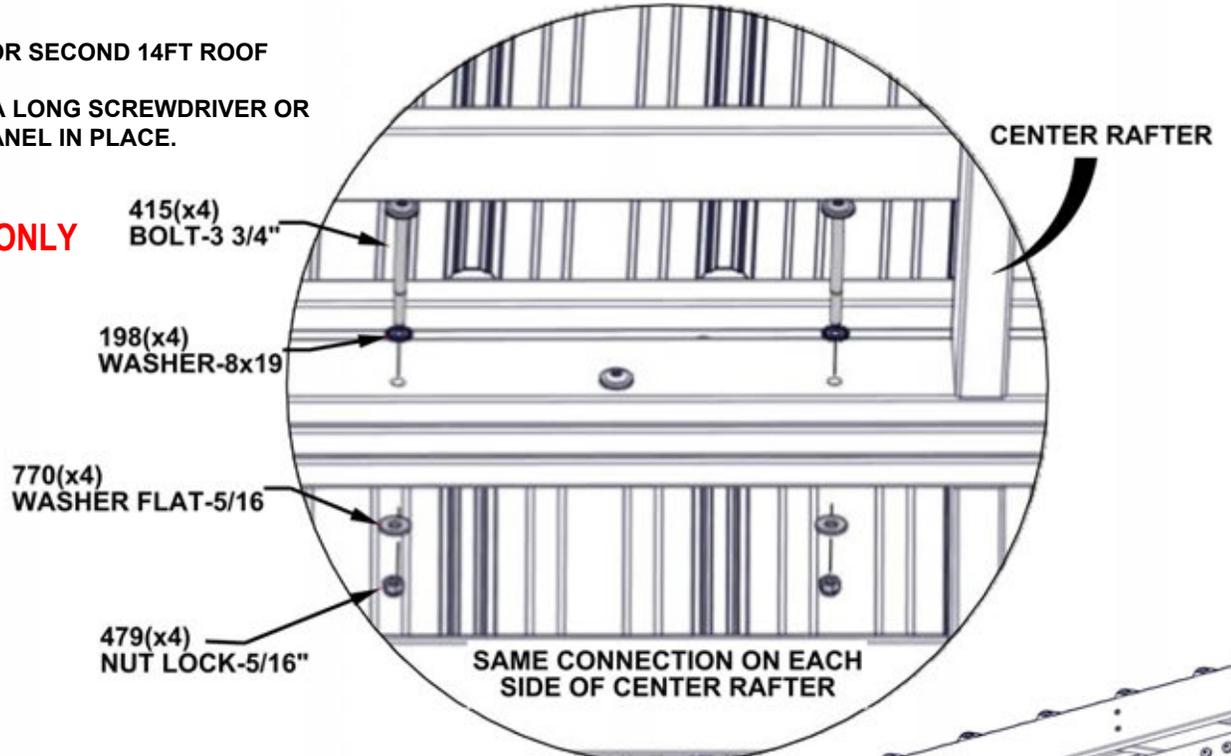
# STEP 34A - ROOF PANEL ATTACHMENT

QTY	PART NUMBER	DESCRIPTION
4	H100198	WASHER LOCK EXT 8X19 BLK
4	H100770	WASHER FLAT 5/16 BLK
4	H100479	NUT LOCK 5/16 BLK
4	H100415	BOLT WH 5/16x3 3/4 BLK

## TIPS:

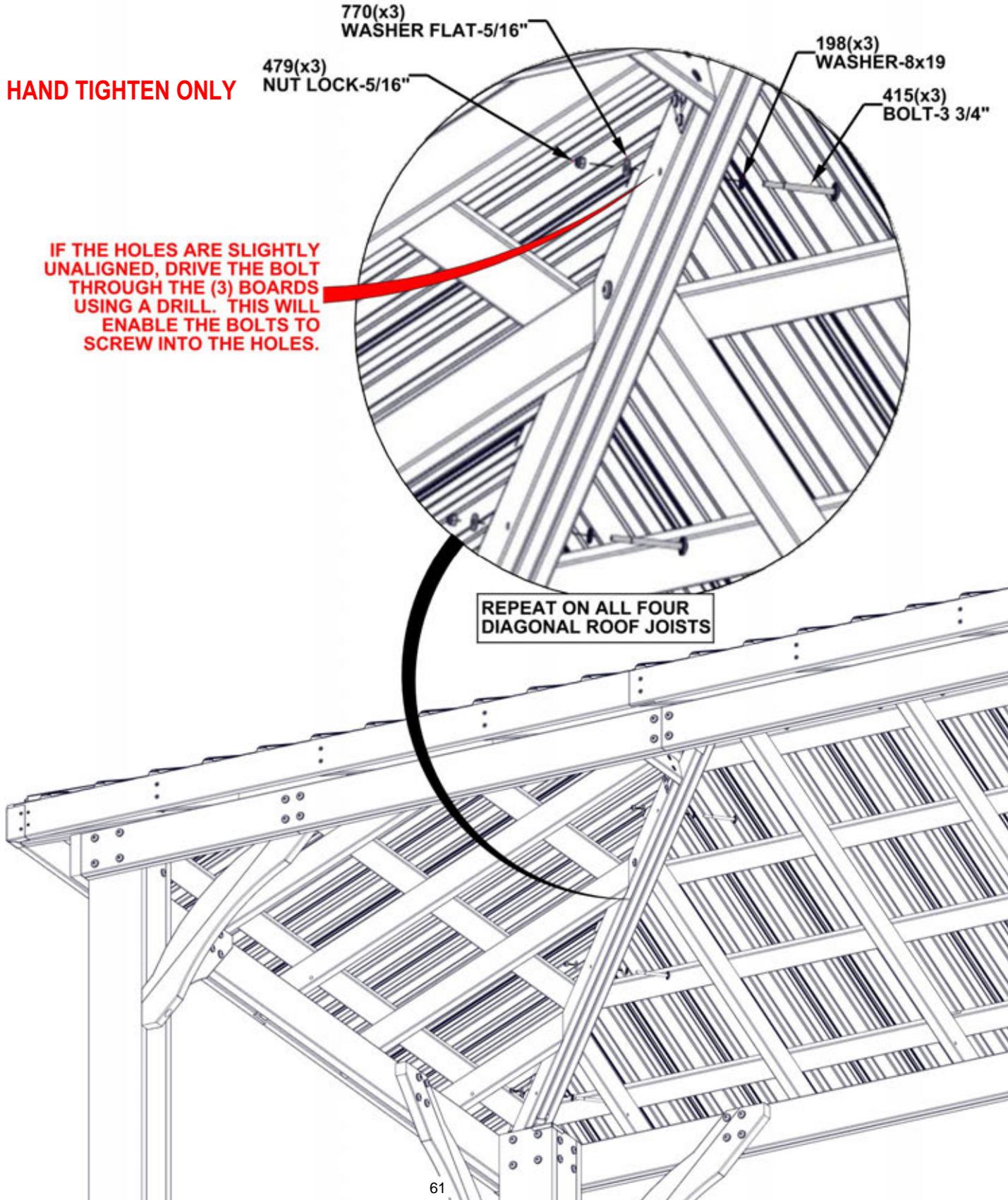
- REPEAT STEPS 32 FOR SECOND 14FT ROOF PANEL.
- IF NECESSARY USE A LONG SCREWDRIVER OR CLAMPS TO HOLD PANEL IN PLACE.

**HAND TIGHTEN ONLY**



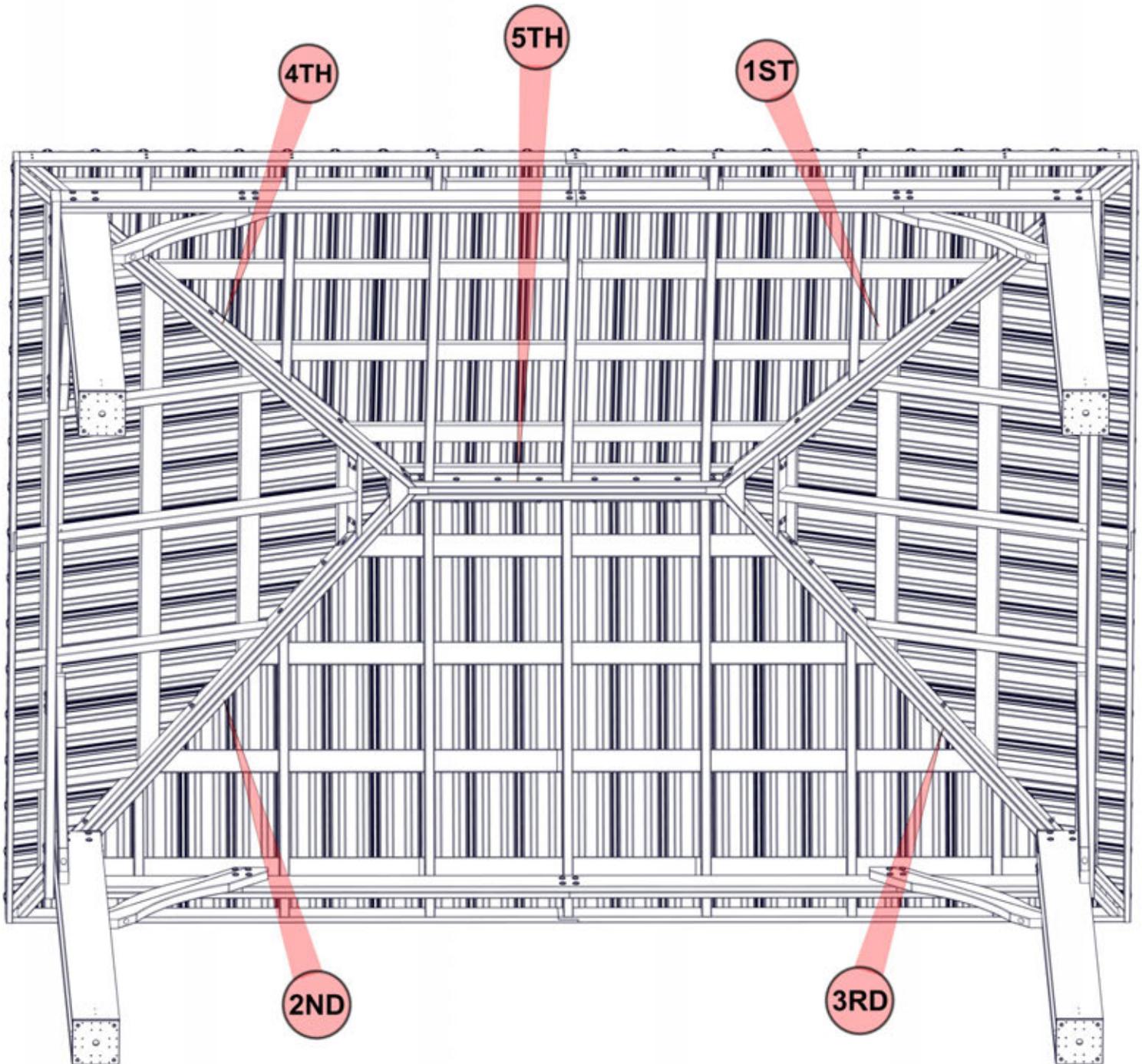
# STEP 34B - ROOF PANEL ATTACHMENT

QTY	PART NUMBER	DESCRIPTION
12	H100198	WASHER LOCK EXT 8X19 BLK
12	H100770	WASHER FLAT 5/16 BLK
12	H100479	NUT LOCK 5/16 BLK
12	H100415	BOLT WH 5/16x3 3/4 BLK



# STEP 35 - ROOF PANEL ATTACHMENT

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



# STEP 36 - ROOF ASSEMBLY

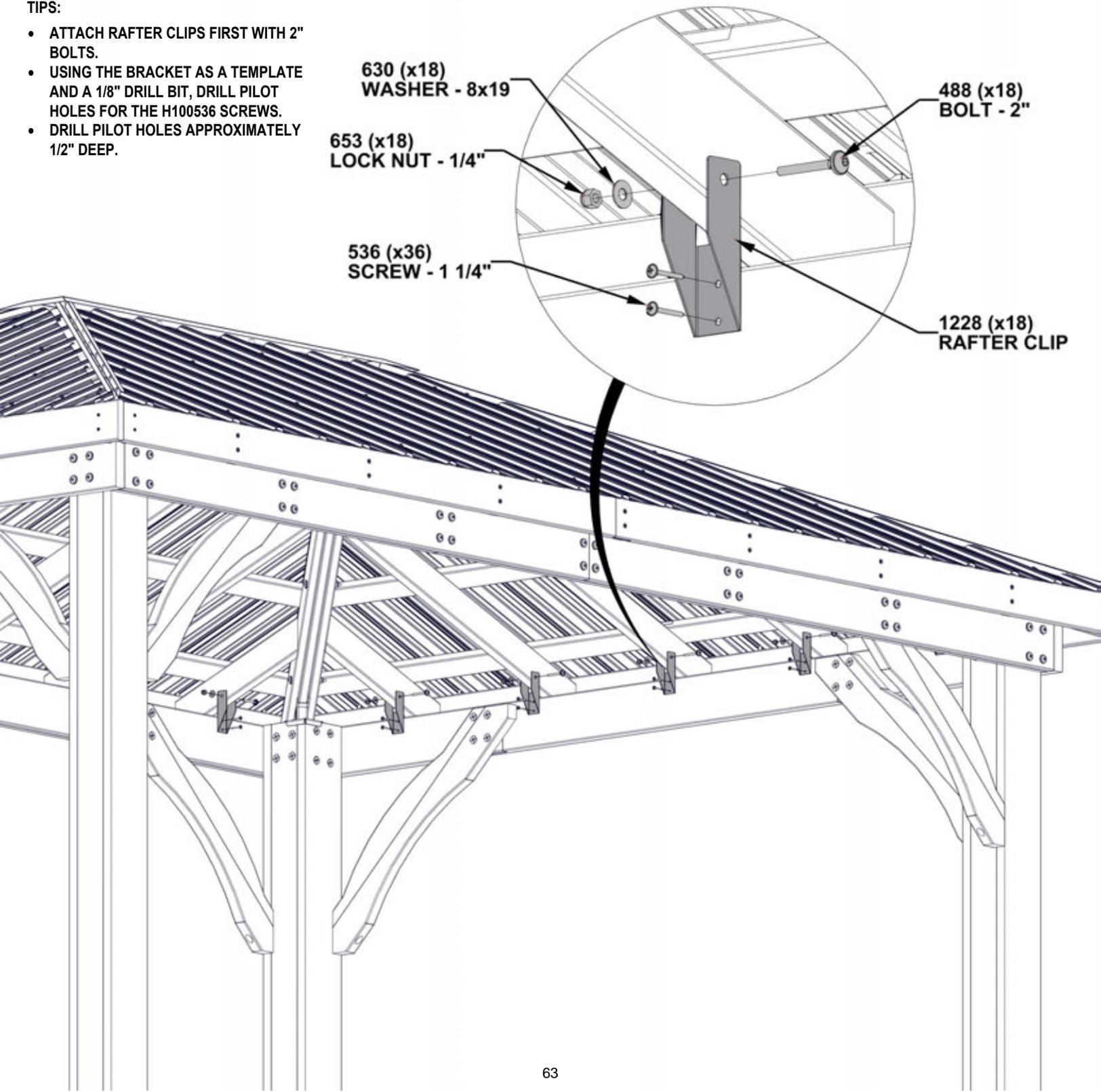
QTY	PART NUMBER	DESCRIPTION
18	H100630	WASHER FLAT 8x19 BLK
36	H100536	SCREW PWH 8x1 1/4 BLK
18	H100653	NUT LOCK 1/4 BLK
18	H100488	BOLT WH 1/4x2 BLK



**A4M01228** | RAFTER CLIP  
(18)

**TIPS:**

- ATTACH RAFTER CLIPS FIRST WITH 2" BOLTS.
- USING THE BRACKET AS A TEMPLATE AND A 1/8" DRILL BIT, DRILL PILOT HOLES FOR THE H100536 SCREWS.
- DRILL PILOT HOLES APPROXIMATELY 1/2" DEEP.



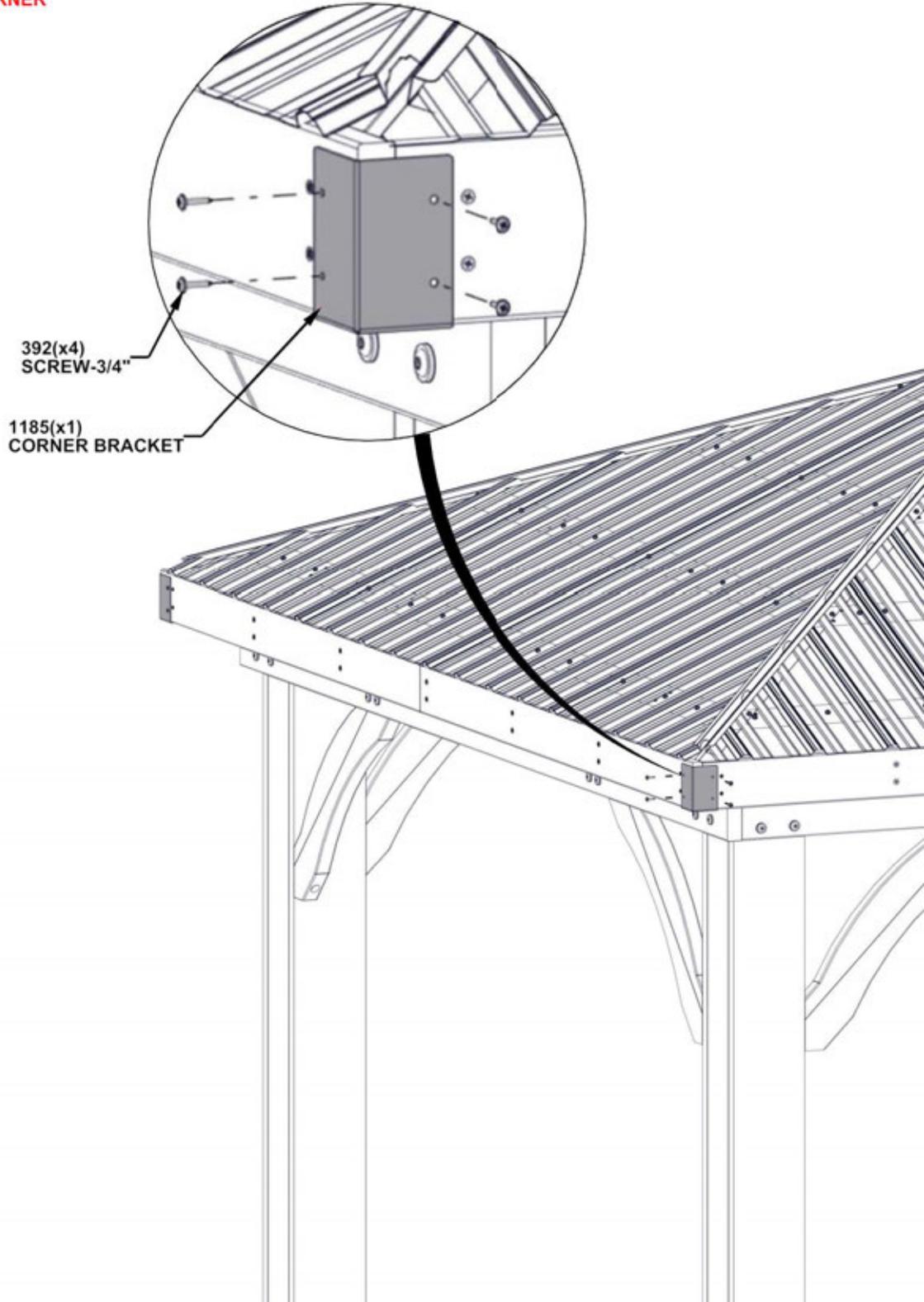
# STEP 37 - ROOF ASSEMBLY



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

A4M01185  
(4) CORNER BRACKET

REPEAT ON EACH CORNER



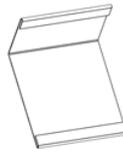
# STEP 38 - 14FT ROOF TRIM



A4M01200 (4) | EDGE TRIM LONG



A4M01203 (2) | EDGE TRIM SHORT



A4M01201 (4) | EDGE TRIM SPLICE

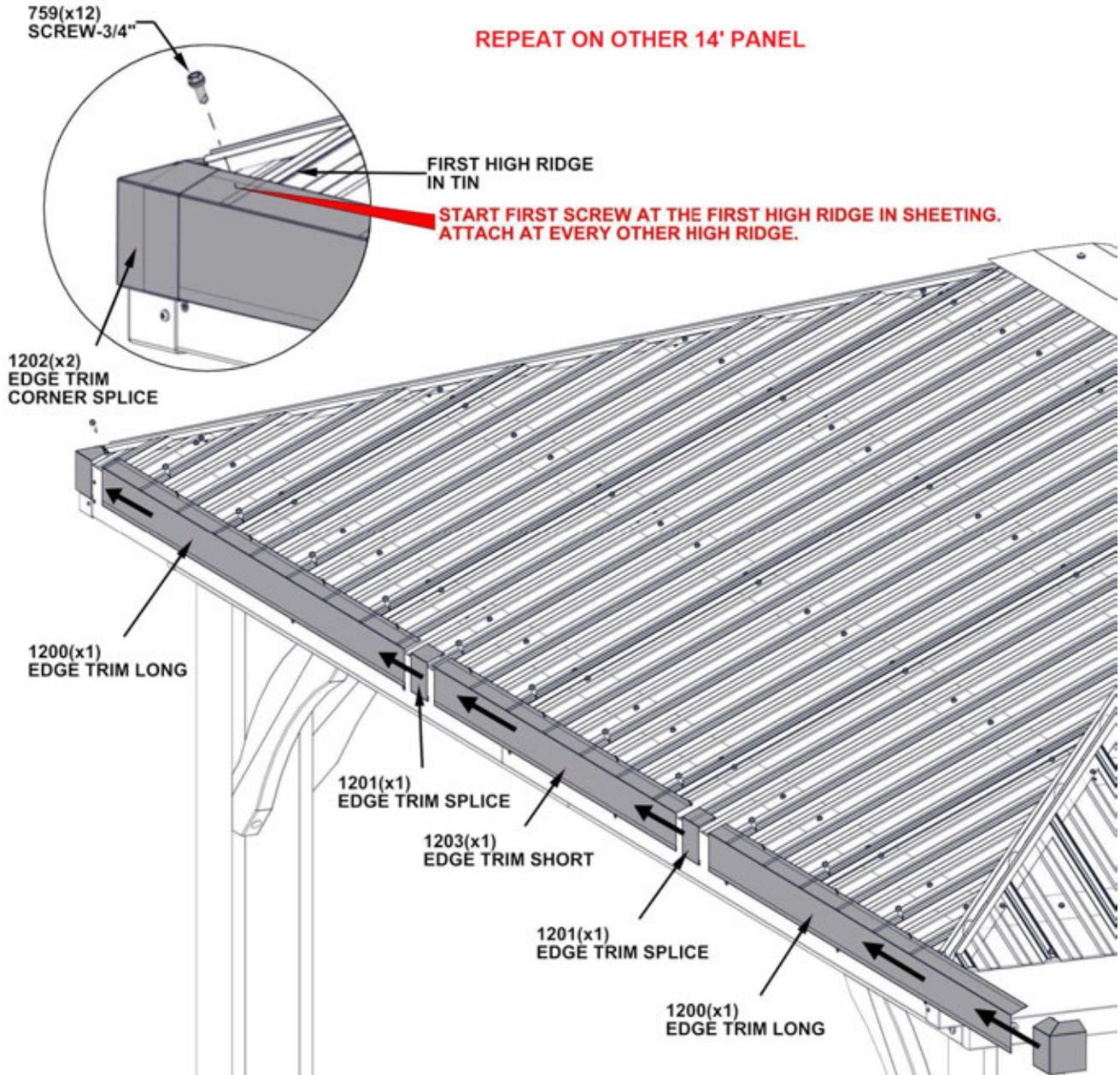


A4M01202 (4) | EDGE TRIM CORNER SPLICE

QTY	PART NUMBER	DESCRIPTION
24	H100759	SCREW SELF TAPPING 1/4x3/4

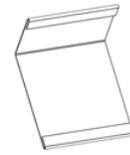
**TIPS:**

- START ON THE LEFT SIDE OF A 14FT PANEL.
- SLIDE EDGE TRIM PIECES TOGETHER AS SHOWN BELOW.
- MAKE SURE ALL PANELS ARE COVERED BEFORE INSTALLING SCREWS.
- INSTALL H100759 AS SHOWN



NOTE: EDGE TRIM "203" IS ONLY USED ON 14FT SIDES IN THE MIDDLE

# STEP 39 - 10FT ROOF TRIM



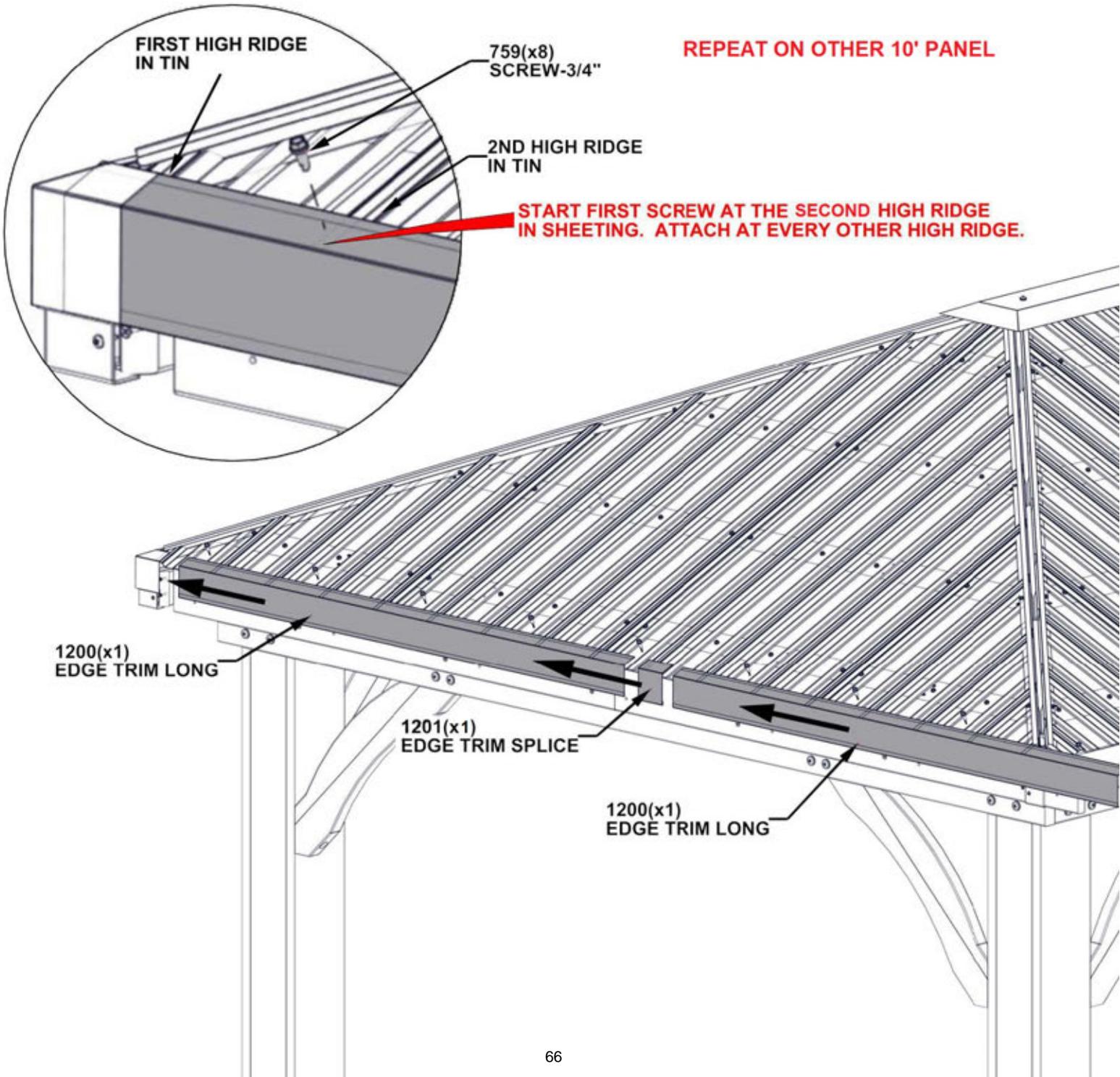
A4M01201 | EDGE TRIM SPLICE  
(2)



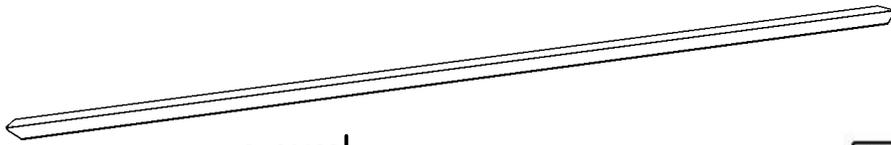
A4M01200 | EDGE TRIM LONG  
(4)

QTY	PART NUMBER	DESCRIPTION
16	H100759	SCREW SELF TAPPING 1/4x3/4

- TIPS:**
- START ON THE LEFT SIDE OF A 10FT PANEL.
  - SLIDE EDGE TRIM PIECES TOGETHER AS SHOWN BELOW.
  - MAKE SURE ALL PANELS ARE COVERED BEFORE INSTALLING SCREWS.
  - INSTALL H100759 SCREWS AS SHOWN.



# STEP 40 - ROOF ASSEMBLY

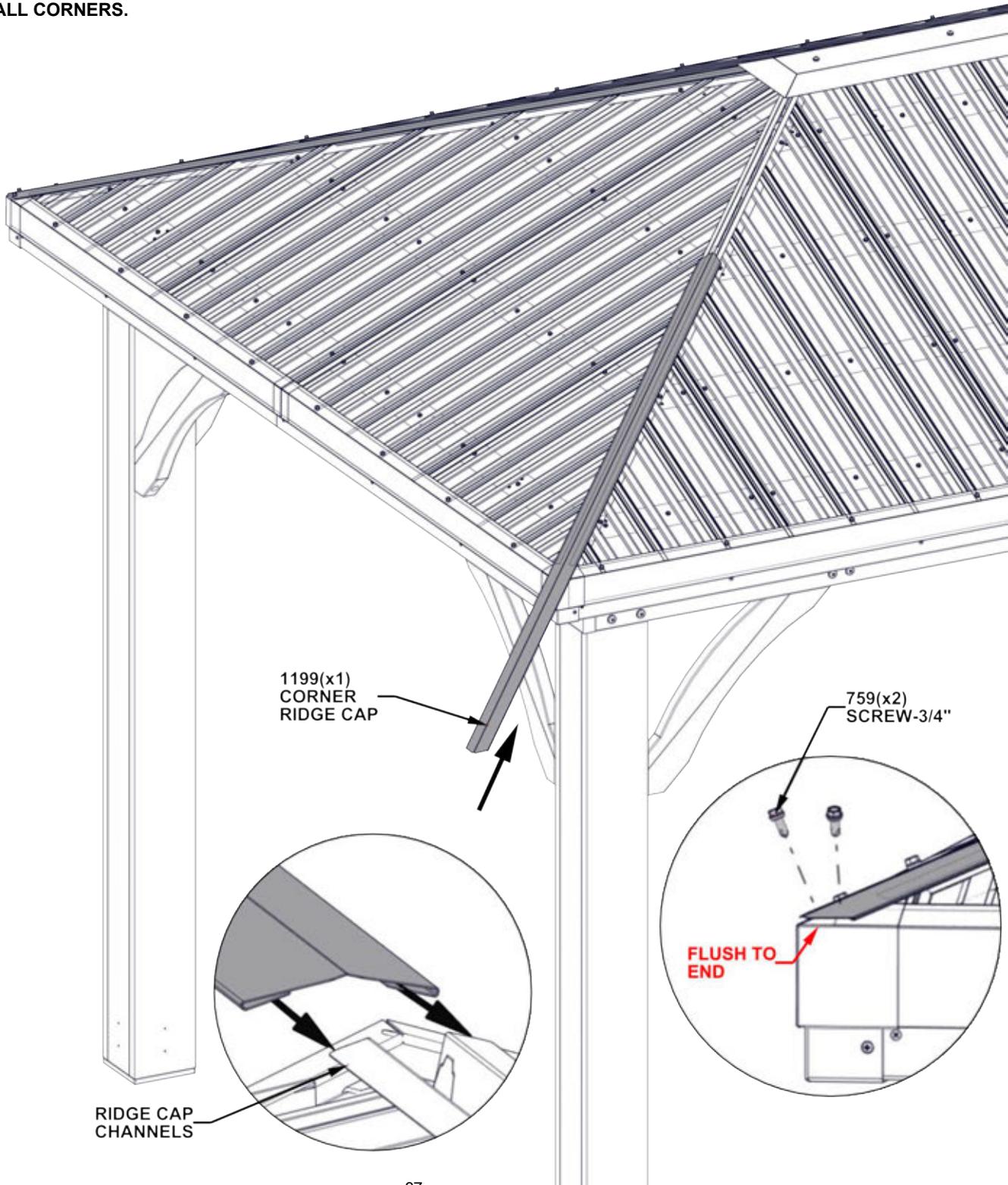


A4M01199 | CORNER RIDGE CAP  
(4)

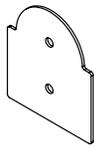
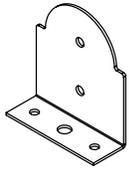
QTY	PART NUMBER	DESCRIPTION
8	H100759	SCREW SELF TAPPING 1/4x3/4

## TIPS:

- SLIDE CORNER RIDGE CAP ONTO ROOF RIDGE CAP CHANNEL AS SHOWN.
- DO NOT PUSH ALL THE WAY TO THE TOP. FLUSH WITH CORNER OF GAZEBO AS SHOWN.
- REPEAT ON ALL CORNERS.



# STEP 41 - GAZEBO ASSEMBLY



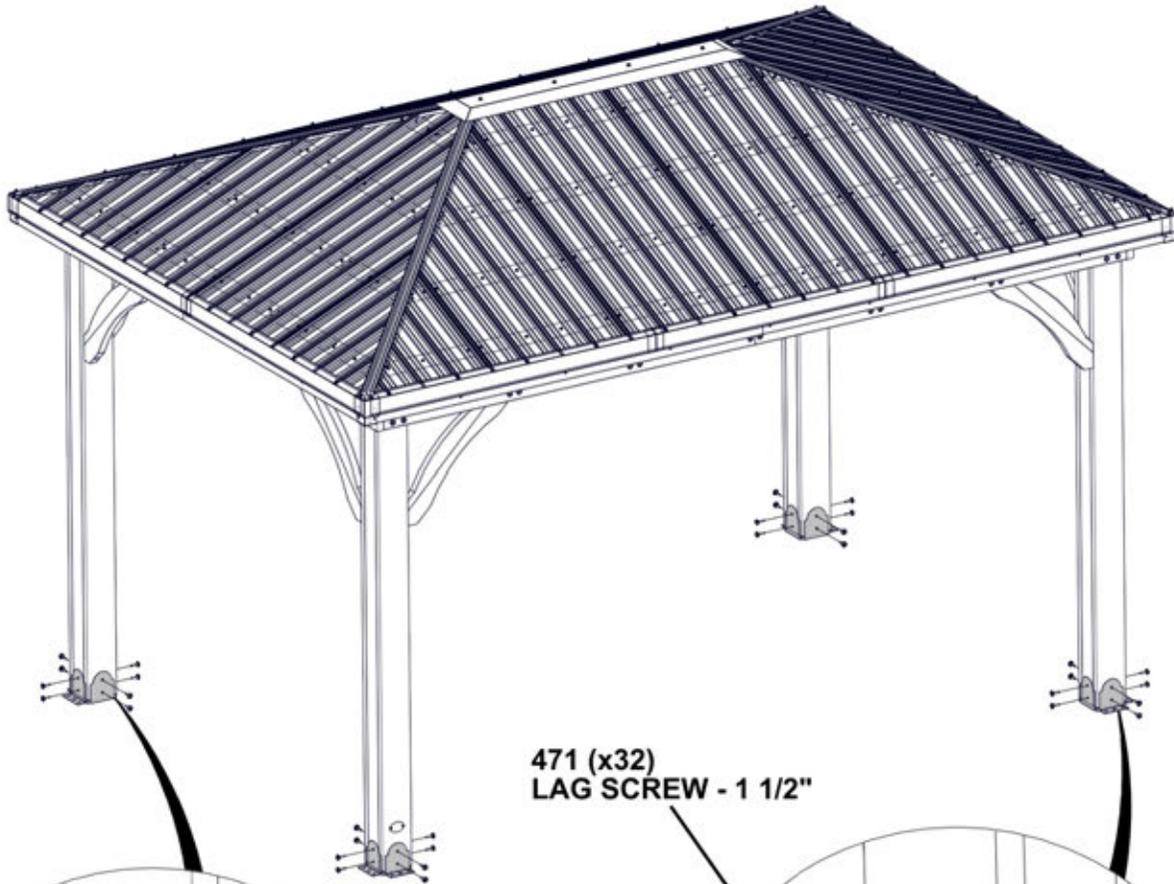
Qty	PART NUMBER	BOM DESCRIPTION (config)
32	H100471	LAG SCREW WH 5/16x1 1/2 BLK

A4M01793 (x8) | POST ANCHOR PLATE

A4M01794 (x8) | POST PLATE

**NOTE:**

- ALL 794 STEEL POST PLATES GO ON THE INSIDES OF THE POSTS AS SHOWN.
- ALL 793 STEEL POST ANCHORING PLATES GO ON THE OUTSIDES OF THE POSTS AS SHOWN.



471 (x32)  
LAG SCREW - 1 1/2"

794 (x8)  
POST PLATE

793 (x8)  
POST ANCHORING PLATE

# STEP 42 - GAZEBO ASSEMBLY



A100241 (1) | BYD ID TAG (SMALL) WITHOUT AGES

Qty	PART NUMBER	BOM DESCRIPTION (config)
2	H100200	SCREW PFH 8x1 1/2 BLK



241 (x1)  
BYD ID TAG

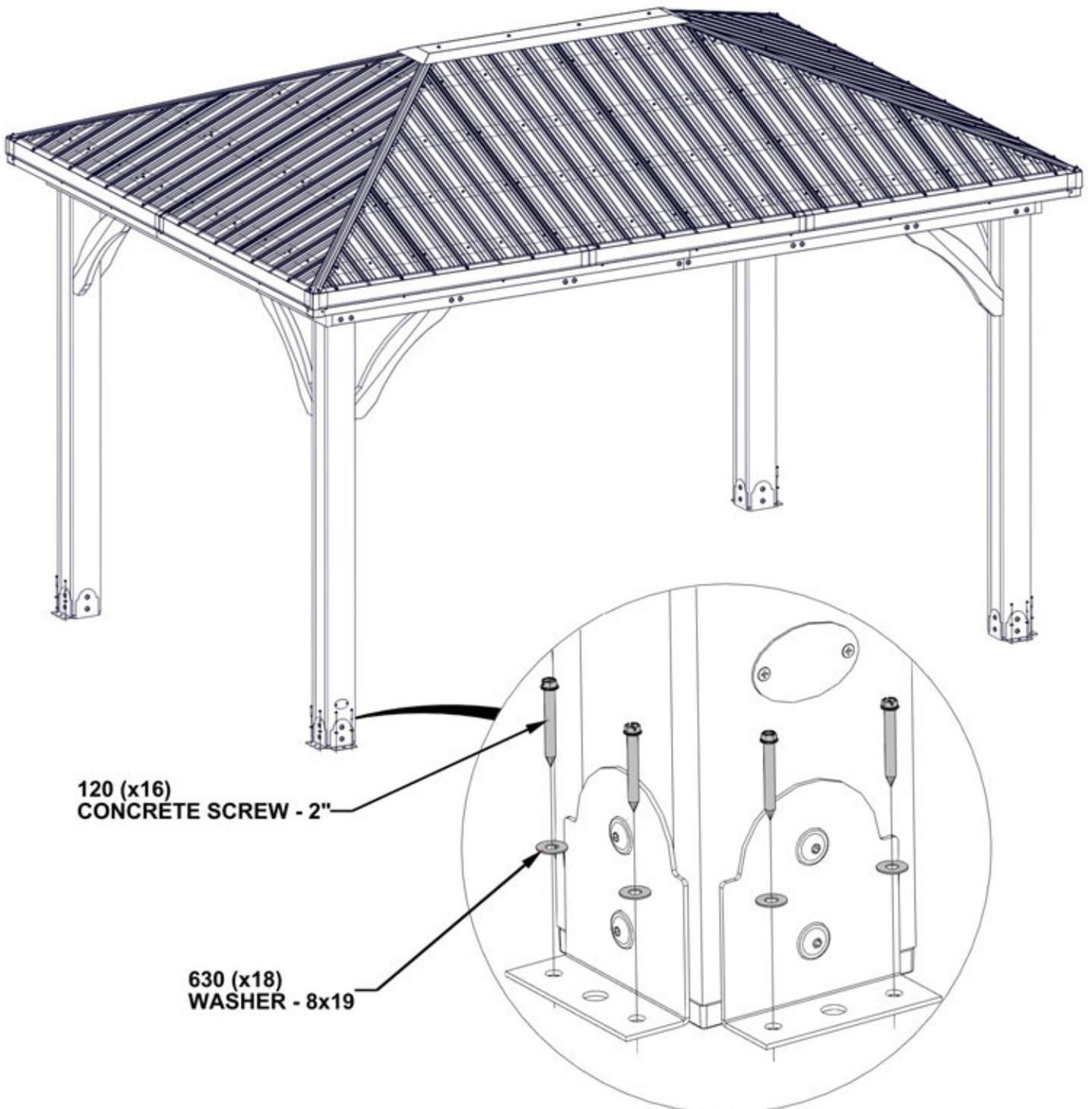
200 (x2)  
SCREW - 1 1/2"

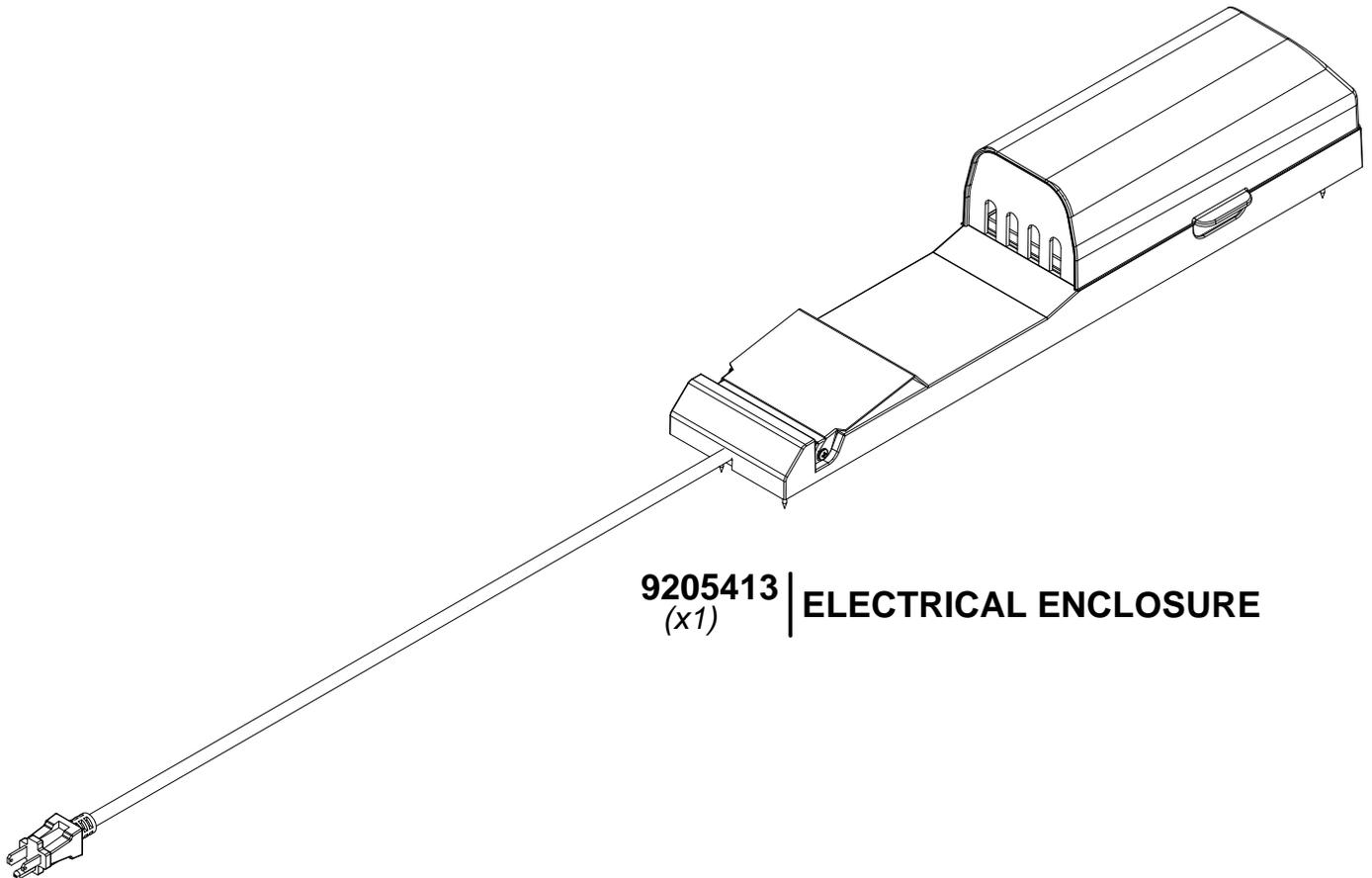
# STEP 43 - GAZEBO ASSEMBLY

Qty	PART NUMBER	BOM DESCRIPTION (config)
16	H100120	CONCRETE ANCHOR 1/4"x2"
16	H100630	WASHER FLAT 8x19 BLK

**NOTES:**  
MANUFACTURER RECOMMENDS INSTALLATION ON CONCRETE SURFACE OR CONCRETE POST PADS. SEE BELOW.

FOR INSTALLATION ON A WOOD DECK, YOU MUST ENSURE THERE IS AMPLE STRUCTURAL SUPPORT UNDER DECK. SCREWS ARE NOT PROVIDED TO ATTACH TO A DECK.





**9205413** | **ELECTRICAL ENCLOSURE**  
*(x1)*

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.