



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

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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**



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



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



Made in China

INS-2106536D-A-14X10 CORDOVA-ENG 7-27-2023

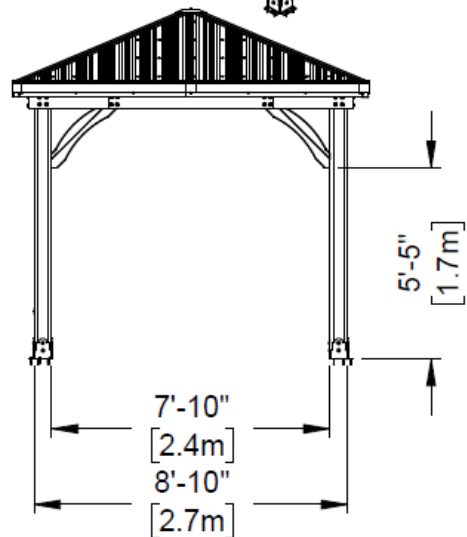
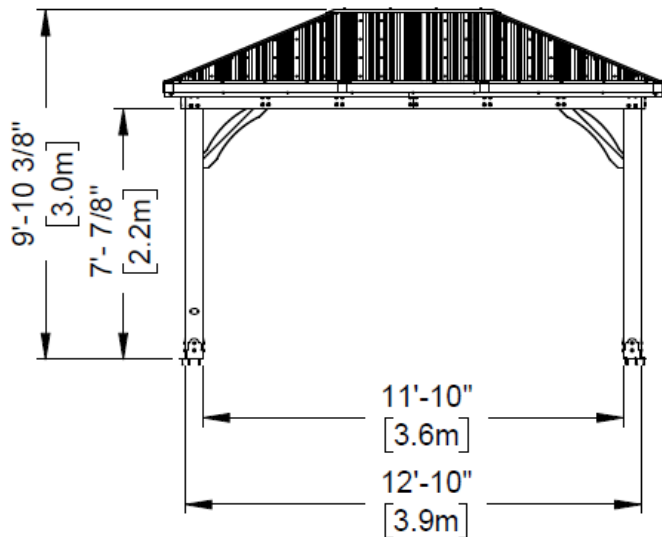
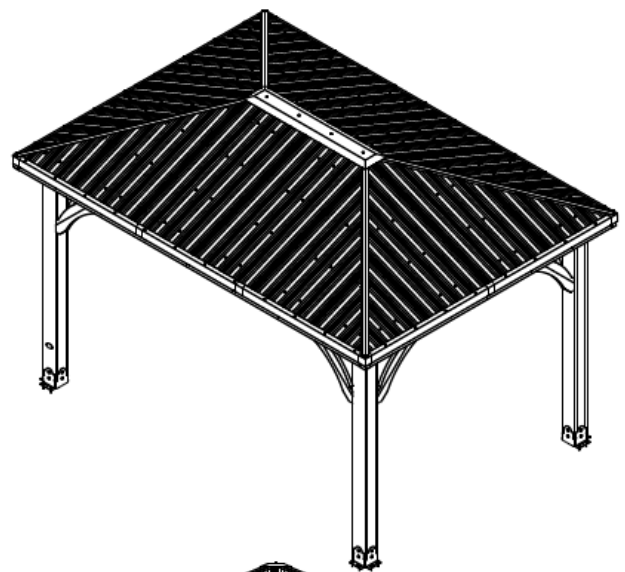
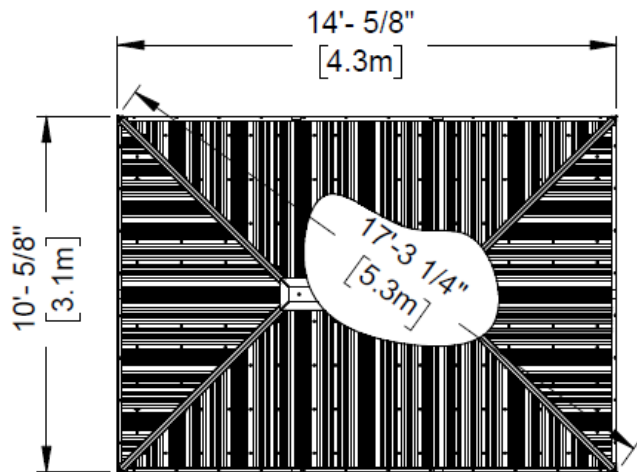
OWNER'S MANUAL - BASIC SETUP DIMENSIONS & ASSEMBLY NOTES

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

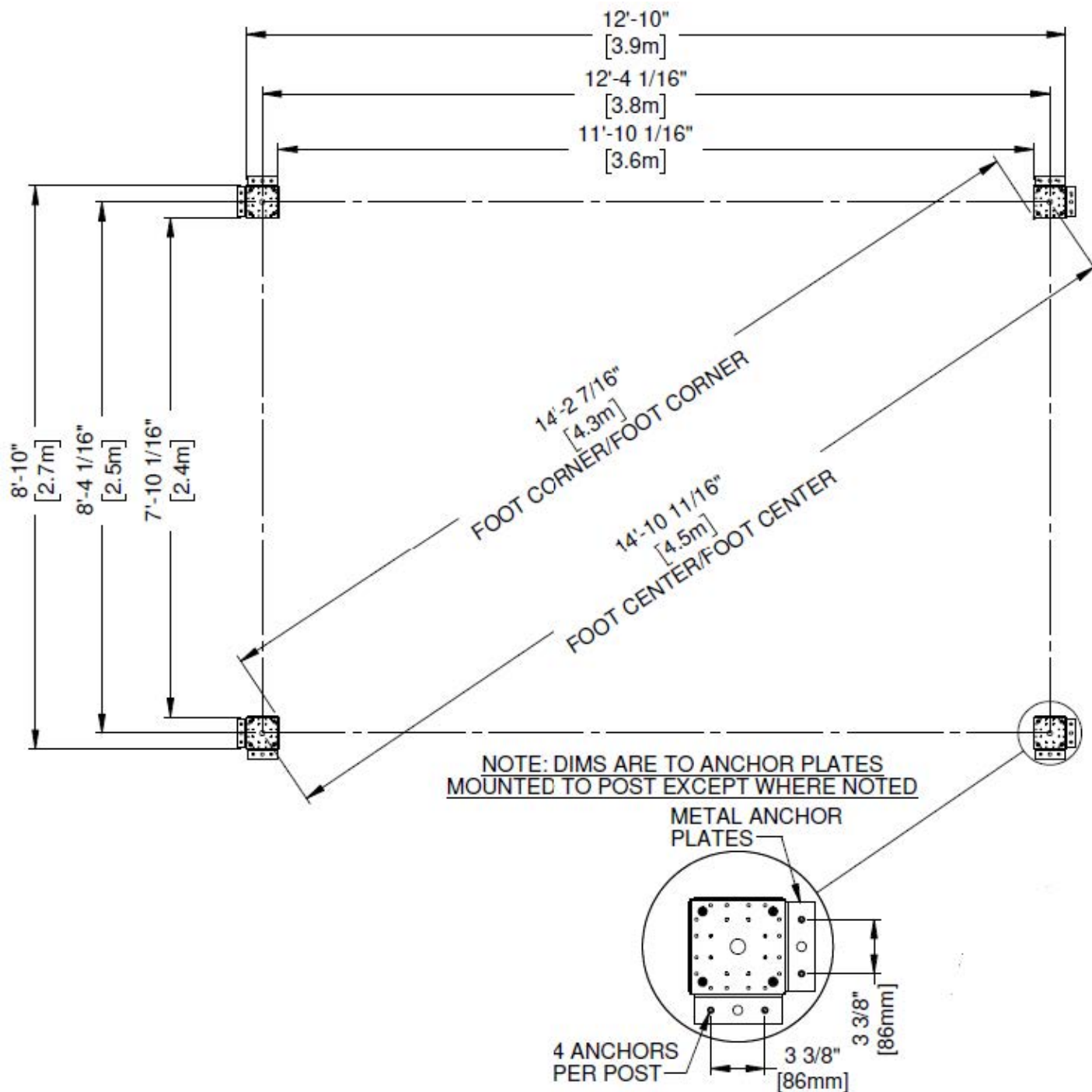
- Pay close attention to the items needed for each step. Make sure you are using the correct hardware for each step. Using incorrect hardware may result in improper assembly
- Remember to double check for underground utilities and overhead electrical lines

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)



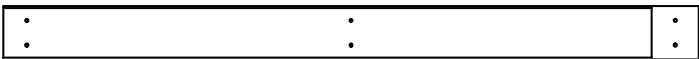
H04 | PURLIN - W4L16921
(4) | 1"x3 3/8"x29 5/8" (24x86x752)



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



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



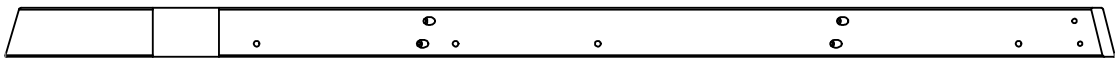
H08 | PURLIN-W4L16293
(4) | 1"x3 3/8"x 43 11/16" (24x86x1110)



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)



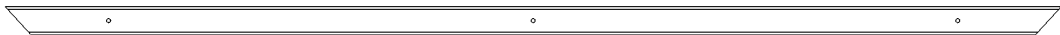
H14 | PURLIN - W4L16304
(2) 1"x3 3/8"x50 1/16" (24x86x1272)



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)



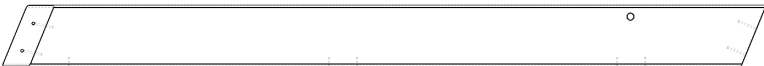
E03 | **RAFTER- W4L16286**
(2) | 1 3/8"x3 3/8"x20 7/16" (36x86x519)



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)



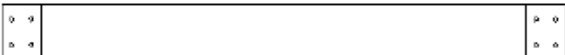
E09 | **RAFTER- W4L16298**
(2) | 1 3/8"x3 3/8"x55 13/16" (36x86x1417)



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)



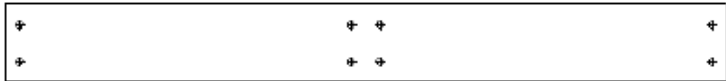
C01 | CORBEL-W2A03393
(7) | 1 3/8"x6 7/16"x35 1/8" (36x163x893)



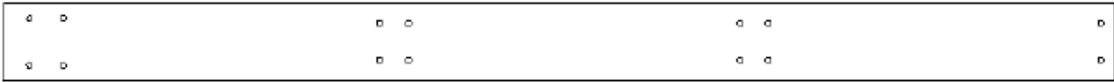
C02 | CORBEL W/TAG-W2A03394
(1) | 1 3/8"x6 7/16"x35 1/8" (36x163x893)



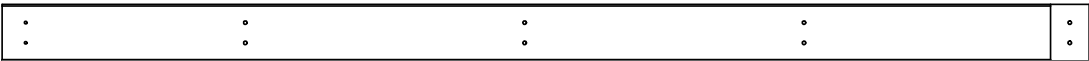
G01 | BEAM - W4L16923
(4) | 1"x5 1/4"x53 3/16" (24x134x1351)



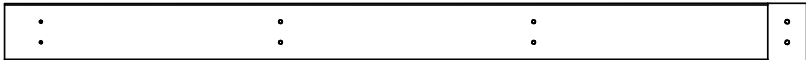
G02 | MID BRACE BEAM - W4L16924
(2) | 1"x5 1/4"x47 5/8" (24x134x1210)



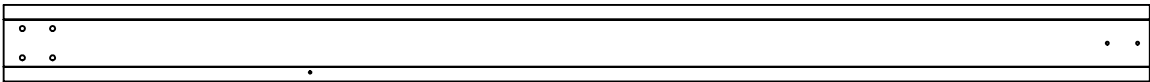
G03 | BEAM - W4L16925
(4) | 1"x5 1/4"x77" (24x134x1956)



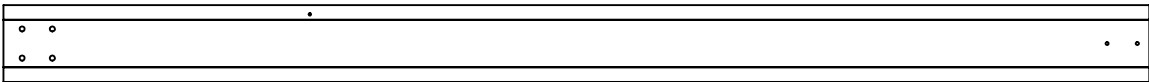
Q01 | ROOF JOIST-W4L16294
(4) | 1"x4 7/16"x84 9/16" (24x112x2148)



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



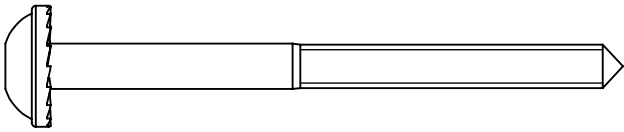
P01 | POST-W2A03571
(x2) | 6"x6"x89 1/2" (152x152x2274)



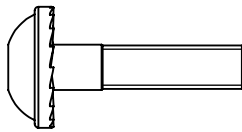
P02 | POST-W2A03572
(x2) | 6"x6"x89 1/2" (152x152x2274)

OWNER'S MANUAL - PARTS IDENTIFICATION

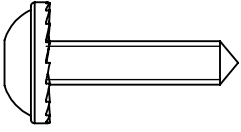
Hardware Components (Not to Scale)



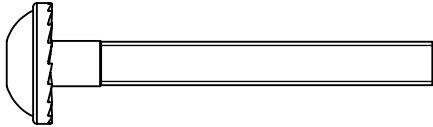
H100792 | LAG SCREW WH BLK
(13) | 1/4x3



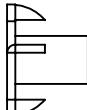
H100171 | BOLT WH BLK
(34) | 1/4x1



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



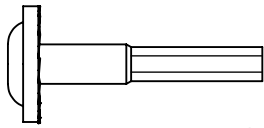
H100488 | BOLT WH BLK
(20) | 1/4x2



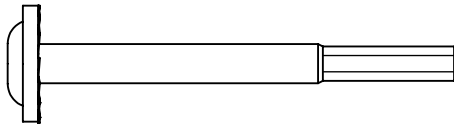
H100379 | T-NUT BLK
(96) | 5/16



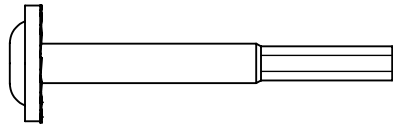
H100398 | T-NUT BLK
(34) | 1/4



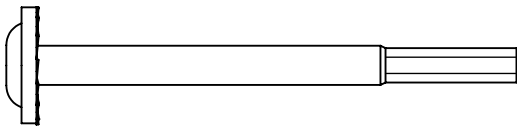
H100378 | BOLT WH BLK
(32) | 5/16x1-3/4



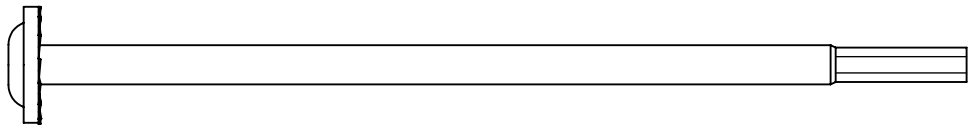
H100484 | BOLT WH BLK
(18) | 5/16x3-1/4



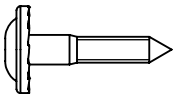
H100195 | BOLT WH BLK
(18) | 5/16x2-3/4



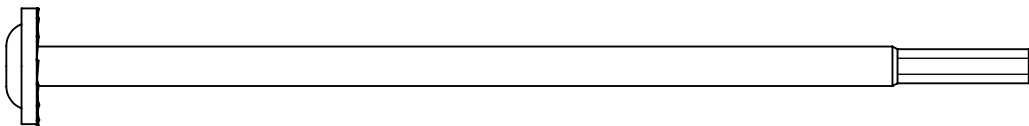
H100415 | BOLT WH BLK
(18) | 5/16x3-3/4



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



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



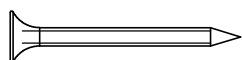
H100963 | BOLT WH BLK
(18) | 5/16x7-3/4

OWNER'S MANUAL - PARTS IDENTIFICATION

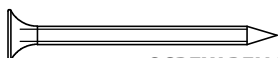
Hardware Components



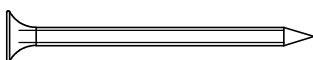
H100385 | SCREW PFH BLK
(39) | 8x1



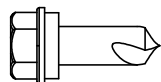
H100200 | SCREW PFH BLK
(26) | 8x1 1/2



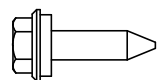
H100382 | SCREW PFH BLK
(17) | 8x1 3/4



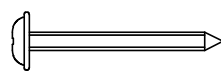
H100391 | SCREW PFH BLK
(192) | 8x2



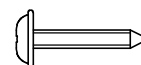
H100759 | SCREW TAPPING
(52) | 1/4x3/4



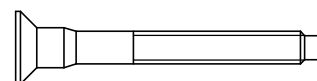
H100833 | SCREW WOODGRIP
(224) | 10x3/4



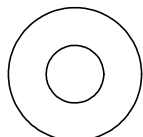
H100536 | SCREW PWH BLK
(39) | 8x1 1/4



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



H101030 | SCREW CONFIRMAT BLK
(98) | 7x2



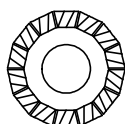
H100770 | WASHER FLAT BLK 5/16
(17)



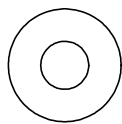
H101034 | WEATHER PROOF WASHER
(4)



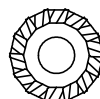
H100479 | NUT LOCK BLK 5/16
(18)



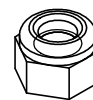
H100198 | WASHER LOCK EXT BLK 8x19
(114)



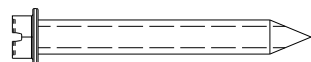
H100630 | WASHER FLAT BLK 8x19
(37)



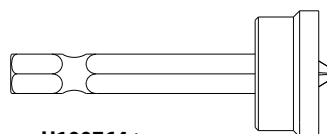
H100405 | WASHER LOCK EXT BLK 6x15
(9)



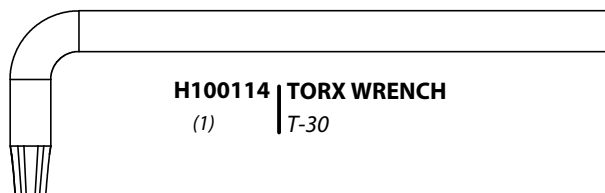
H100653 | NUT LOCK BLK 1/4
(20)



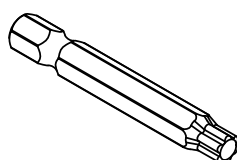
H100120 | SCREW CONCRETE ANCHOR
(18) | 1/4x2



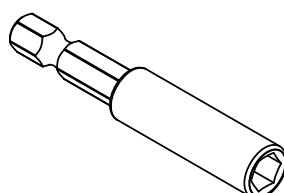
H100764 | SCREW SETTER
(1)



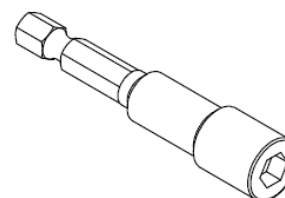
H100114 | TORX WRENCH
(1) | T-30



H100147 | T-30 TORX BIT
(1)



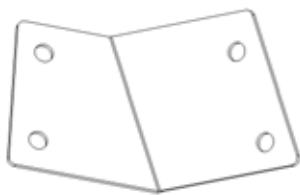
H101100 | BIT ADAPTOR
(1)



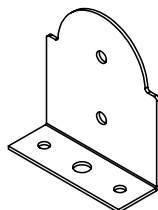
H101106 | SOCKET DRIVER
(1)

OWNER'S MANUAL - PARTS IDENTIFICATION

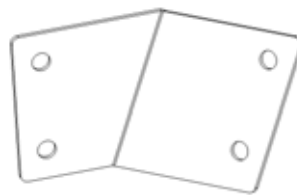
Accessory Components (Not to Scale)



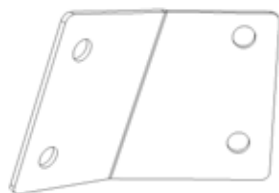
A4M01191
(2) | **PANEL BRACKET**



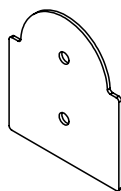
A4M01793
(x8) | **POST ANCHOR PLATE**



A4M01192
(2) | **PANEL BRACKET**



A4M01194
(2) | **PANEL BRACKET**



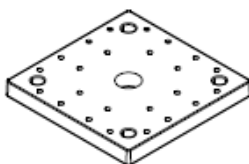
A4M01794
(x8) | **POST PLATE**



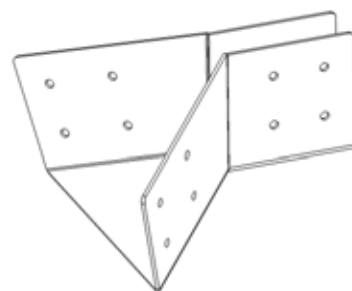
A4M01193
(2) | **PANEL BRACKET**



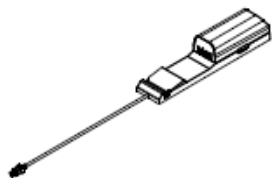
A4M01228
(18) | **RAFTER CLIP**



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



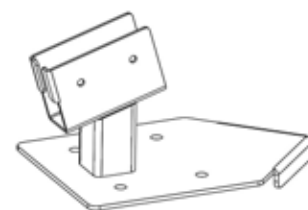
A4M01184
(2) | **PANEL SUPPORT BRACKET**



9205413
(1) | **ELECTRICAL
ENCLOSURE**



A4M01185
(4) | **CORNER BRACKET**



A4M01234
(4) | **POST CLIP**



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

OWNER'S MANUAL - PARTS IDENTIFICATION

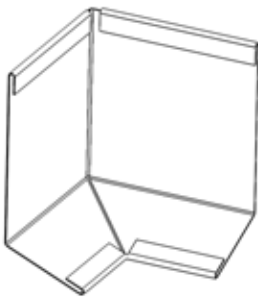
Accessory Components (Not to Scale)



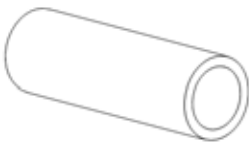
A4M01200 | **EDGE TRIM LONG**
(8)



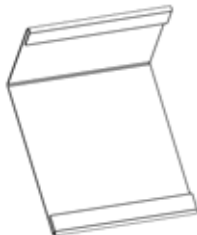
A4M01203 | **EDGE TRIM SHORT**
(2)



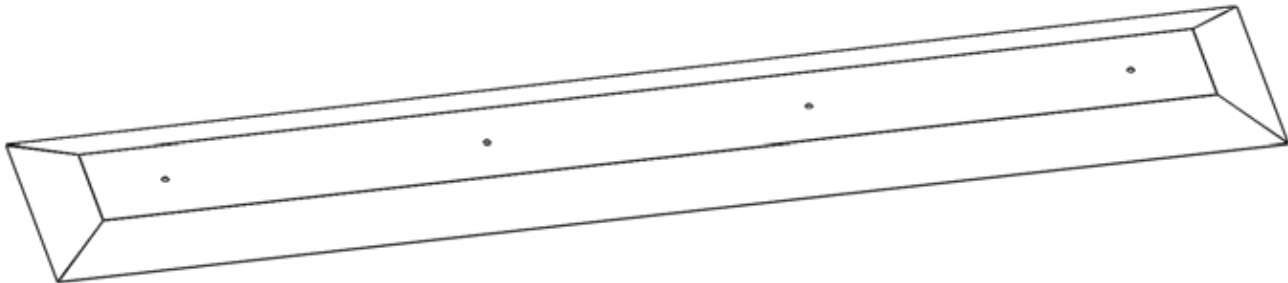
A4M01202 | **EDGE TRIM CORNER SPLICE**
(4)



A4M01205 | **METAL SPACER**
(4)



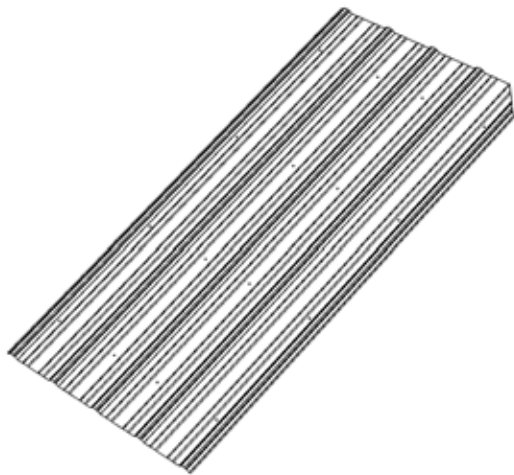
A4M01201 | **EDGE TRIM SPLICE**
(6)



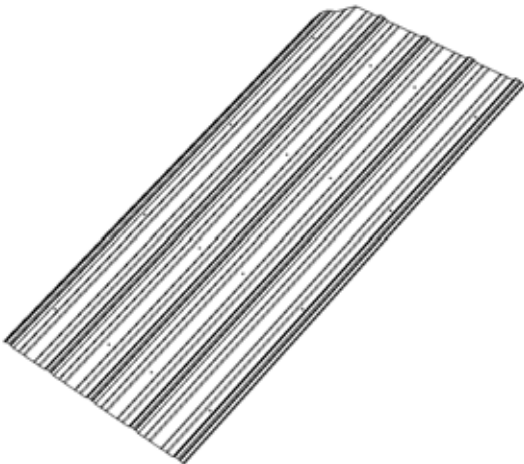
A4M01204 | **RIDGE PEAK CAP**
(1)

OWNER'S MANUAL - PARTS IDENTIFICATION

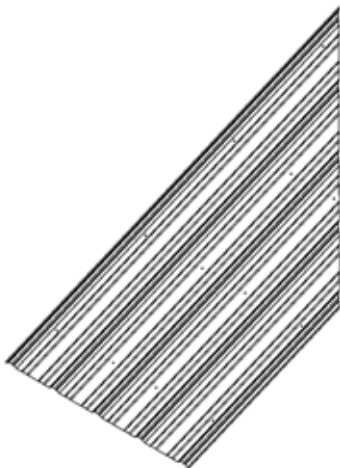
Accessory Components (Not to Scale)



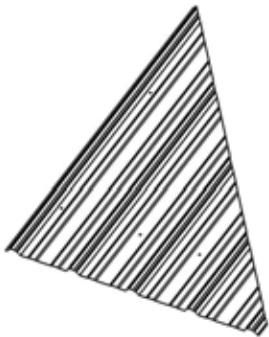
A4M01175 | 29 GA STEEL SHEETING
(2)



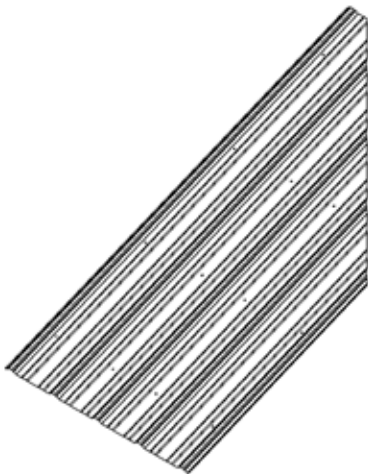
A4M01179 | 29 GA STEEL SHEETING
(2)



A4M01176-1 | 29 GA STEEL SHEETING
(2)



A4M01176-2 | 29 GA STEEL SHEETING
(2)



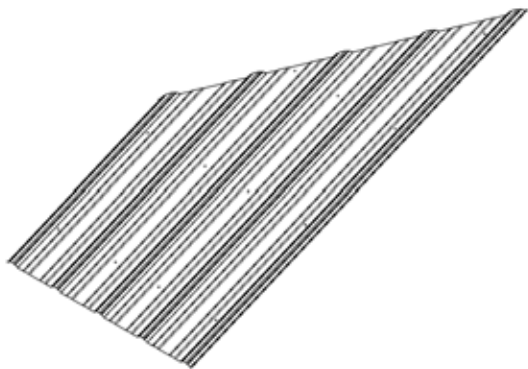
A4M01177-2 | 29 GA STEEL SHEETING
(2)



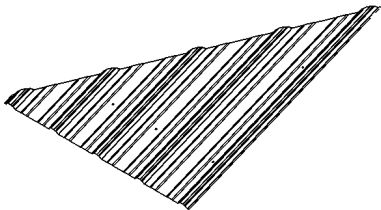
A4M01177-1 | 29 GA STEEL SHEETING
(2)

OWNER'S MANUAL - PARTS IDENTIFICATION

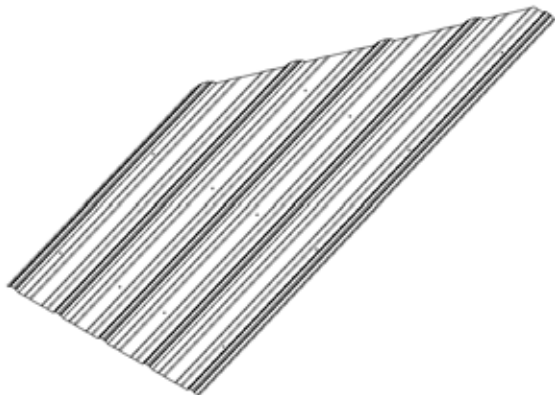
Accessory Components (Not to Scale)



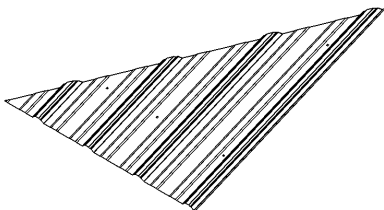
A4M01180-1 | 29 GA STEEL SHEETING
(2)



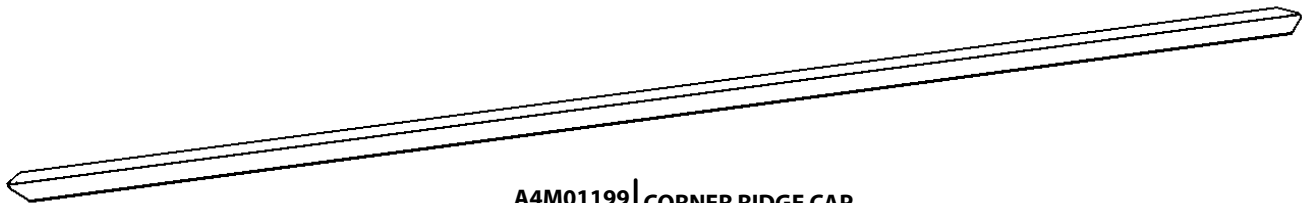
A4M01180-2 | 29 GA STEEL SHEETING
(2)



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:

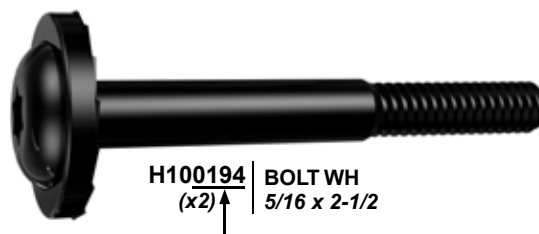
- Organize wood parts by the three-digit, alpha-numeric number stamped on each board (ex. P01).
- If there are multiple boards with the same stamped number, stack those pieces together.
- Stamps can be found on the flat surface of the boards or on the end of the boards.
- Allow yourself plenty of room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



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"



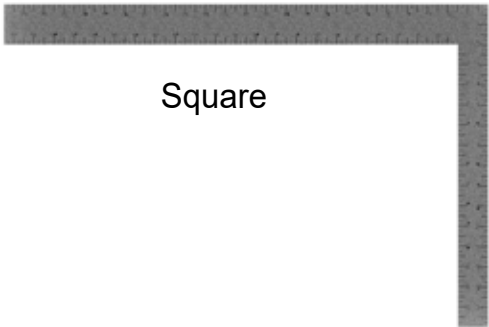
3/8" Drive Ratchet, 1/2" &
7/16" STD Sockets, 1/2" &
7/16" Deep Sockets



Tape Measure



Claw Hammer



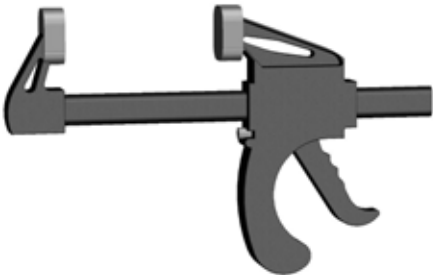
Square



Level 24"



Rubber Mallet -
Optional



A6P00460
(2) QUICK RELEASE
BAR CLAMP

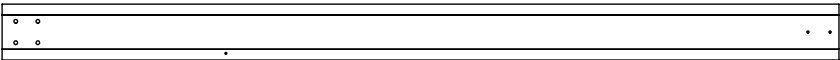
PRE-ASSEMBLY STEP 3 - CHOOSE YOUR ASSEMBLY METHOD

There are several types of assembly instructions available to you.

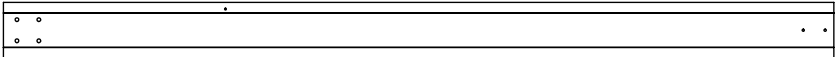
1. Printed Assembly Manual included with your set
2. BILT APP - 3D interactive instructions
3. Combination of the Printed Manual and BILT APP (Note: Step numbers can differ between the two methods)



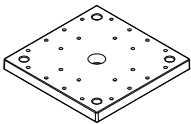
STEP 1 - 10FT POST ASSEMBLY



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



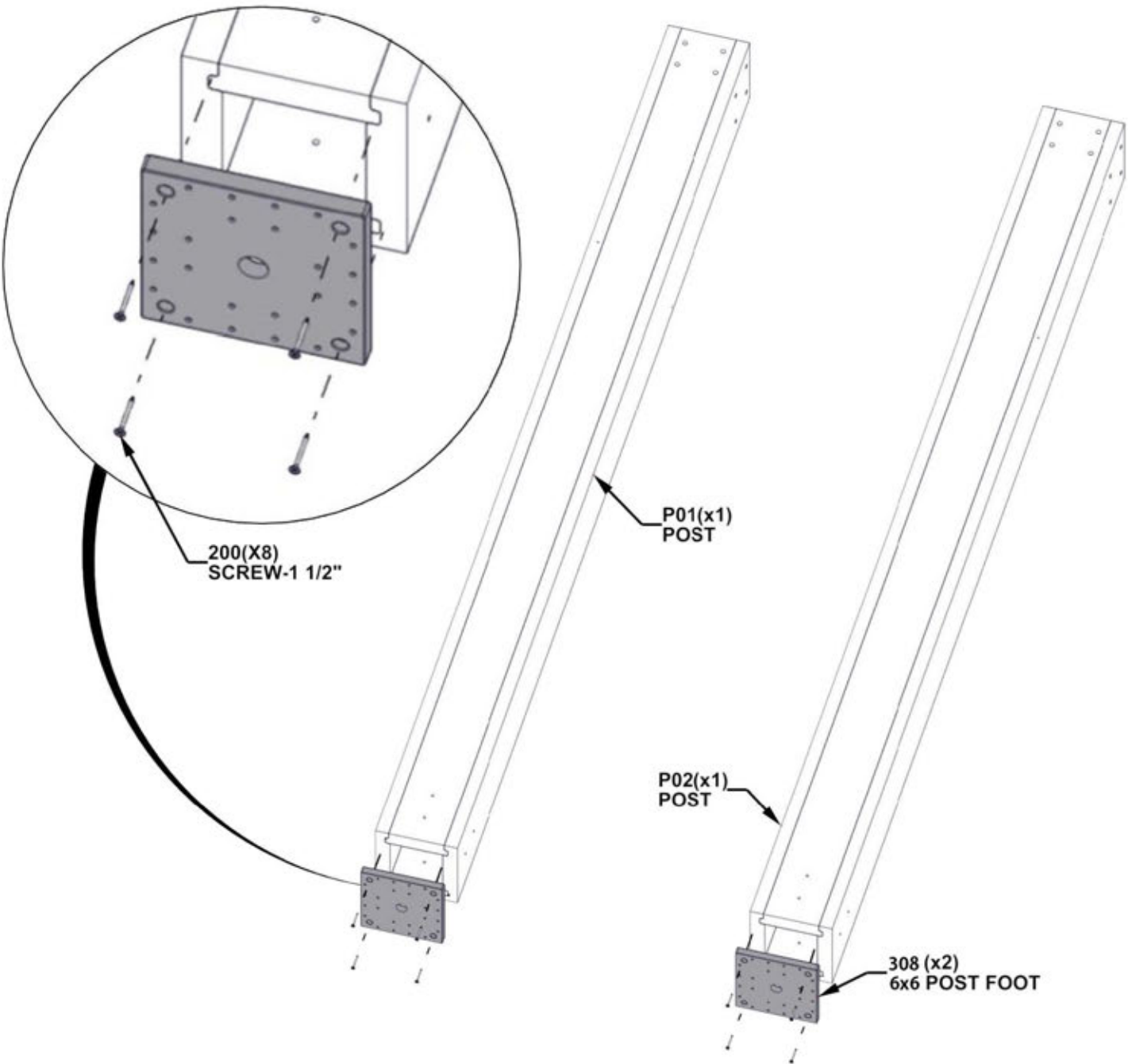
P02 | POST-W2A03572
(x1) | 6"x6"x89 1/2" (152x152x2274)



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)

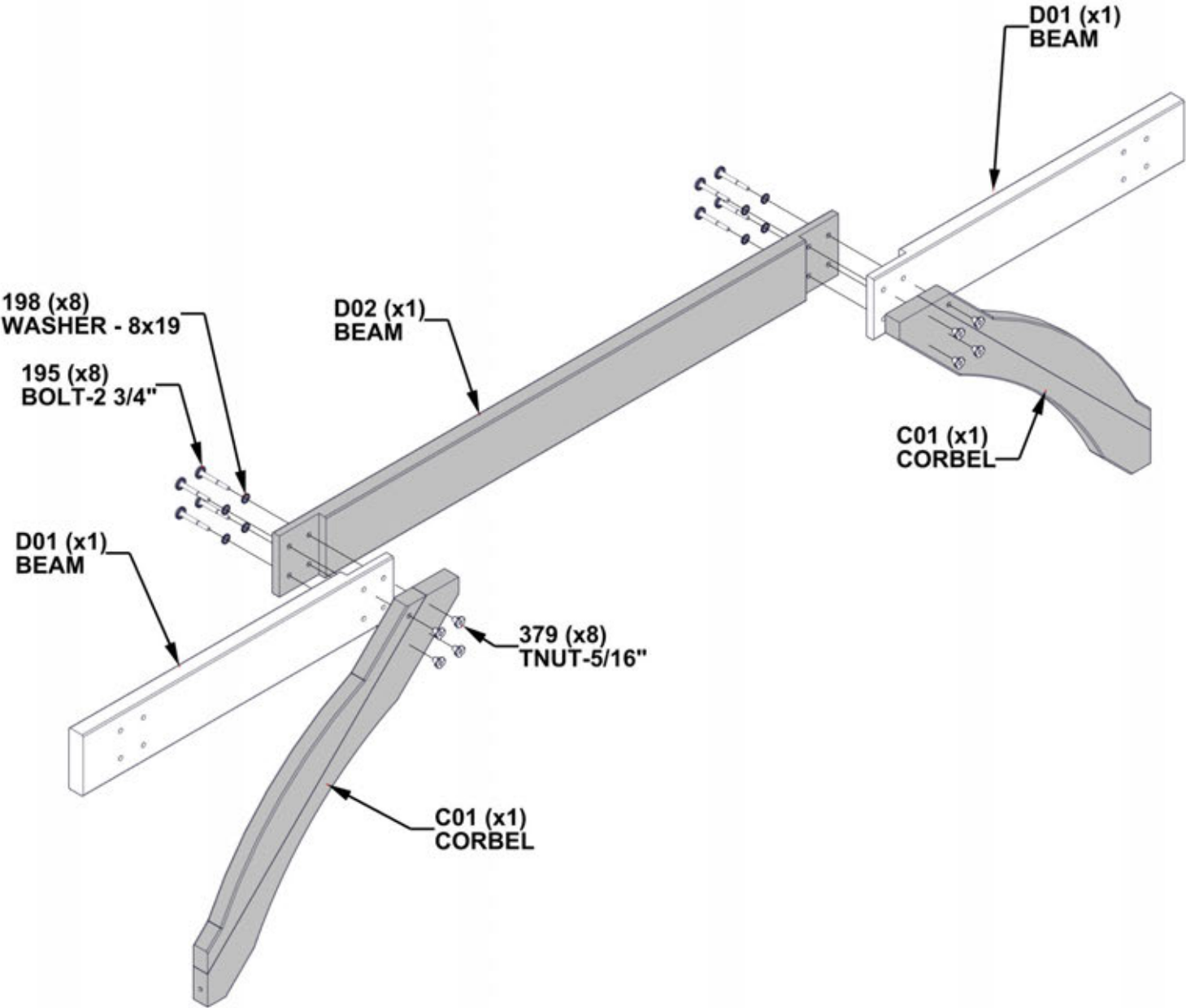


D01 | **BEAM- W4L16926**
(2) | 1 7/16"x5 1/4"x30 15/16" (36x134x786)



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

HAND TIGHTEN BOLTS UNTIL STEP 3

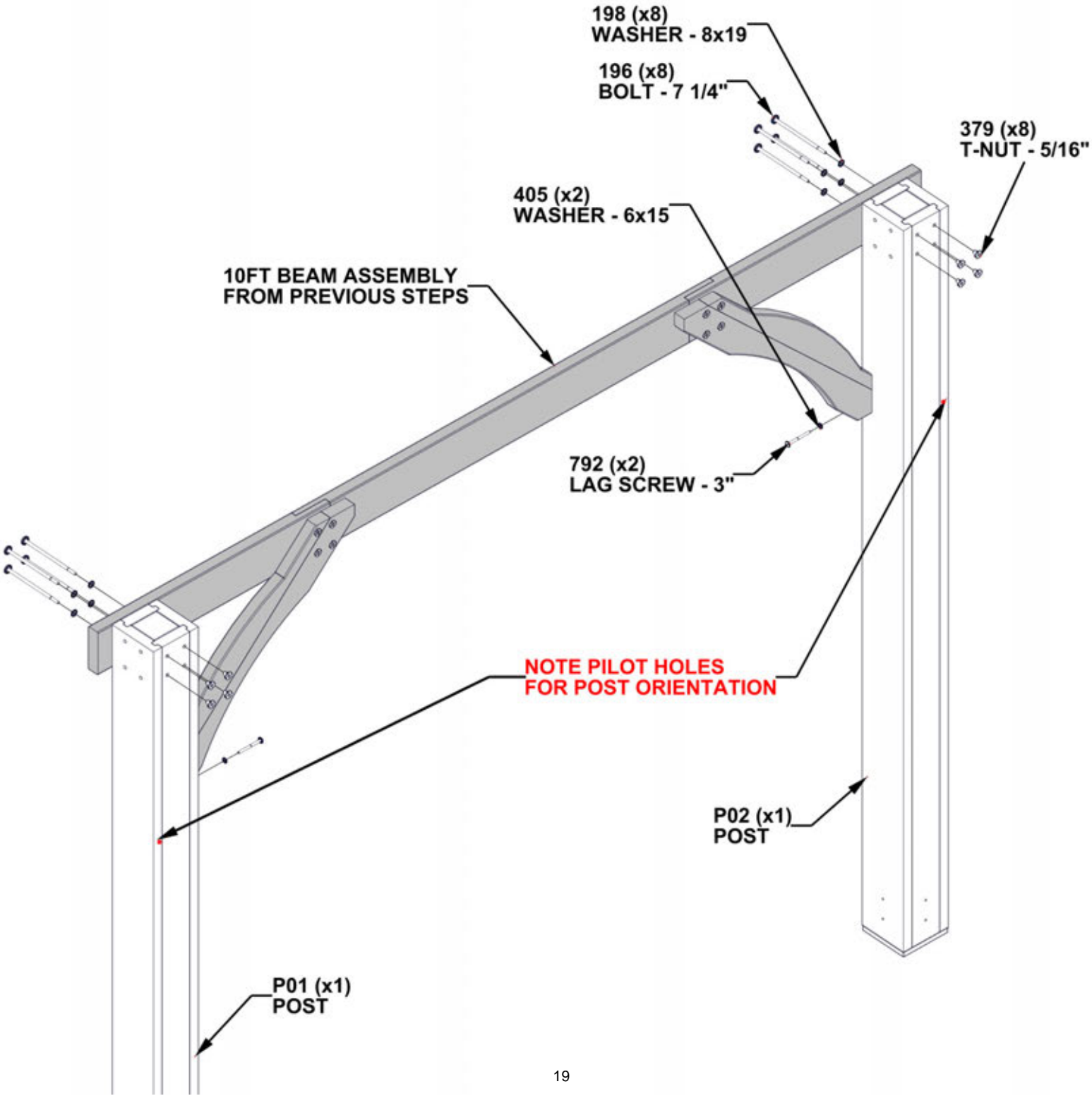


STEP 3 - 10FT POST ASSEMBLY



| 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

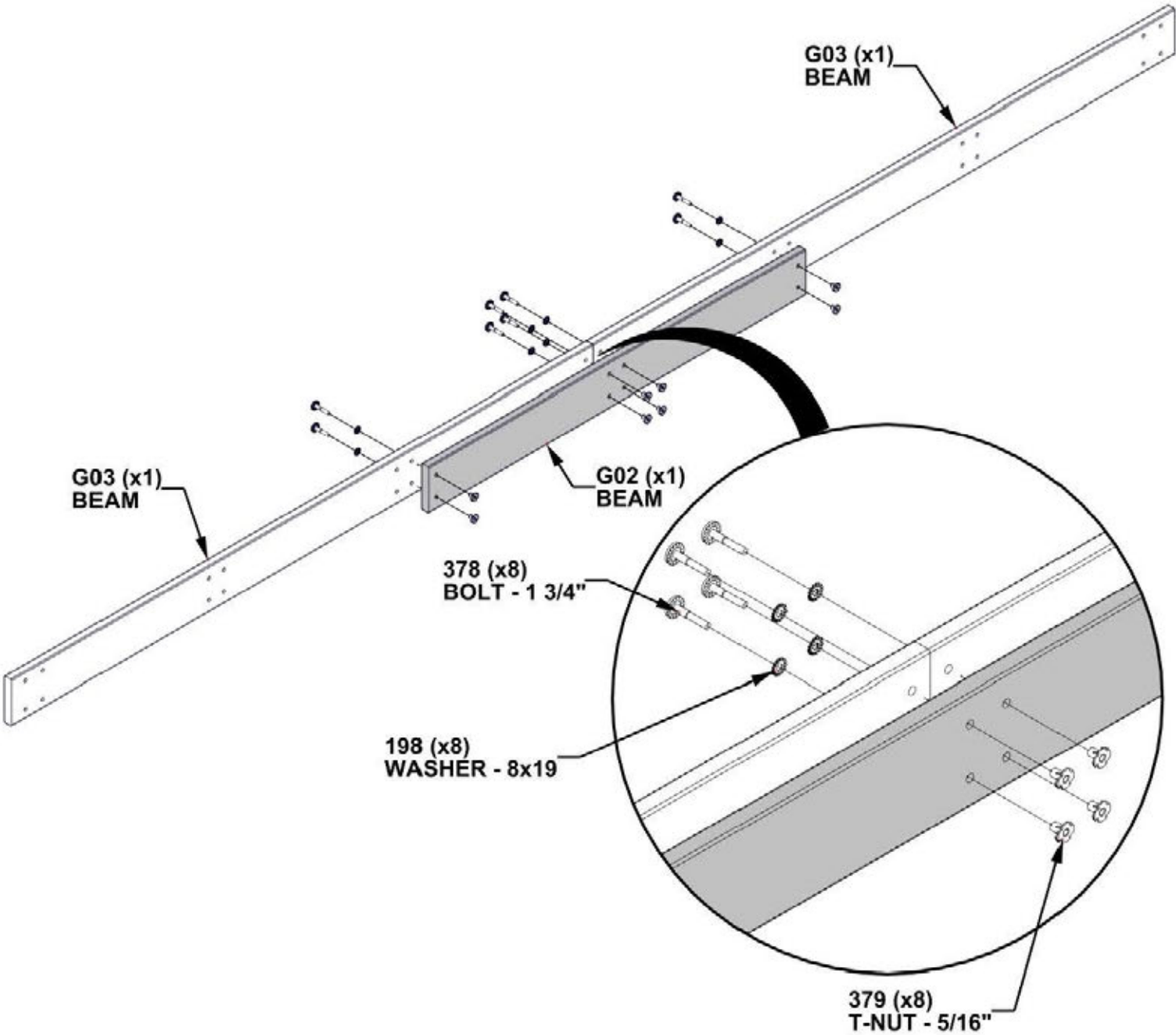
| Qty | PART NUMBER | DESCRIPTION |
|-----|-------------|--------------------------|
| 8 | H100198 | WASHER LOCK EXT 8X19 BLK |
| 8 | H100378 | BOLT WH 5/16 X 1 3/4 BLK |
| 8 | H100379 | T-NUT 5/16 BLK |



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)

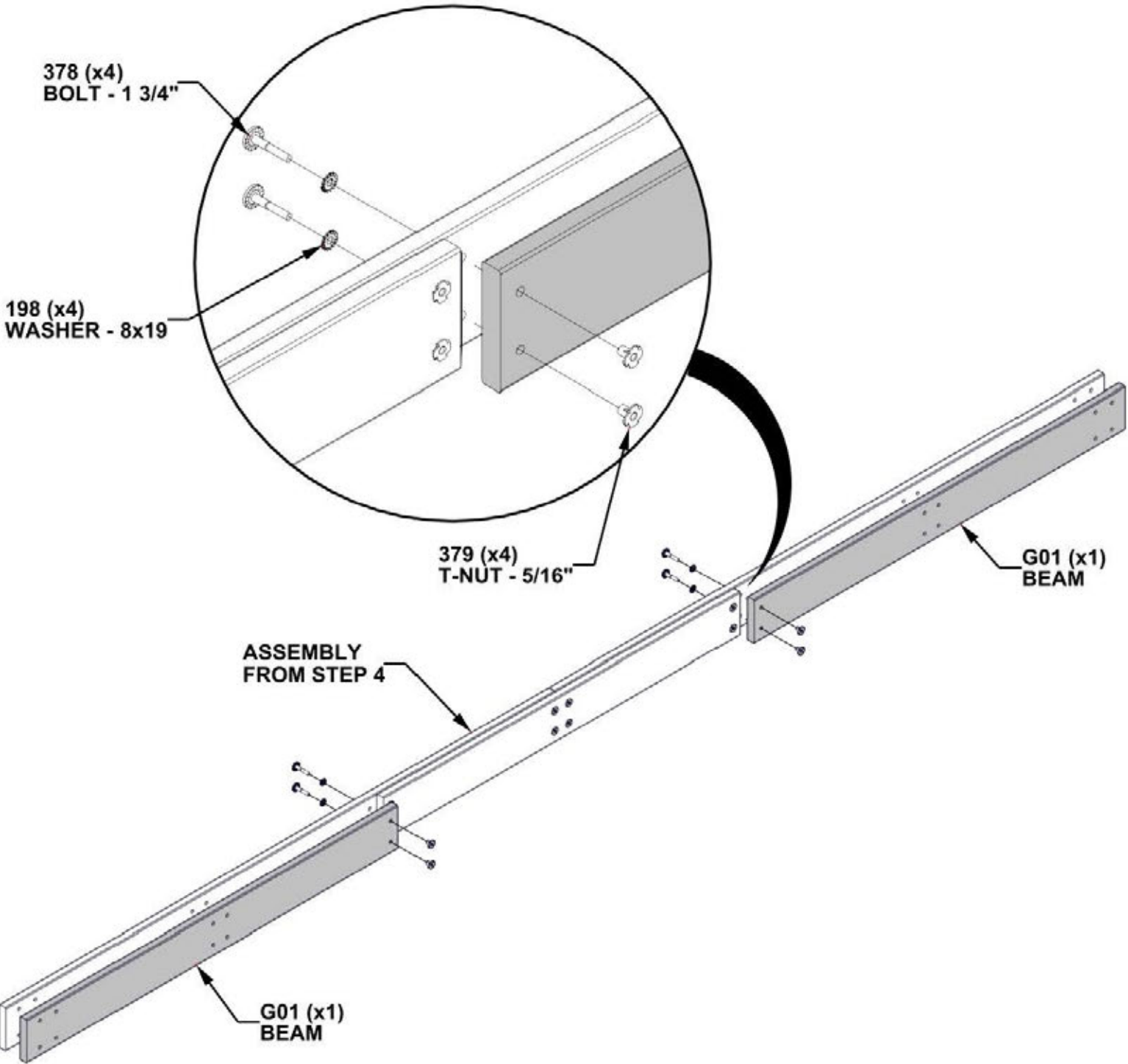


STEP 5 - 14FT BEAM ASSEMBLY



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

| 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 |



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 |

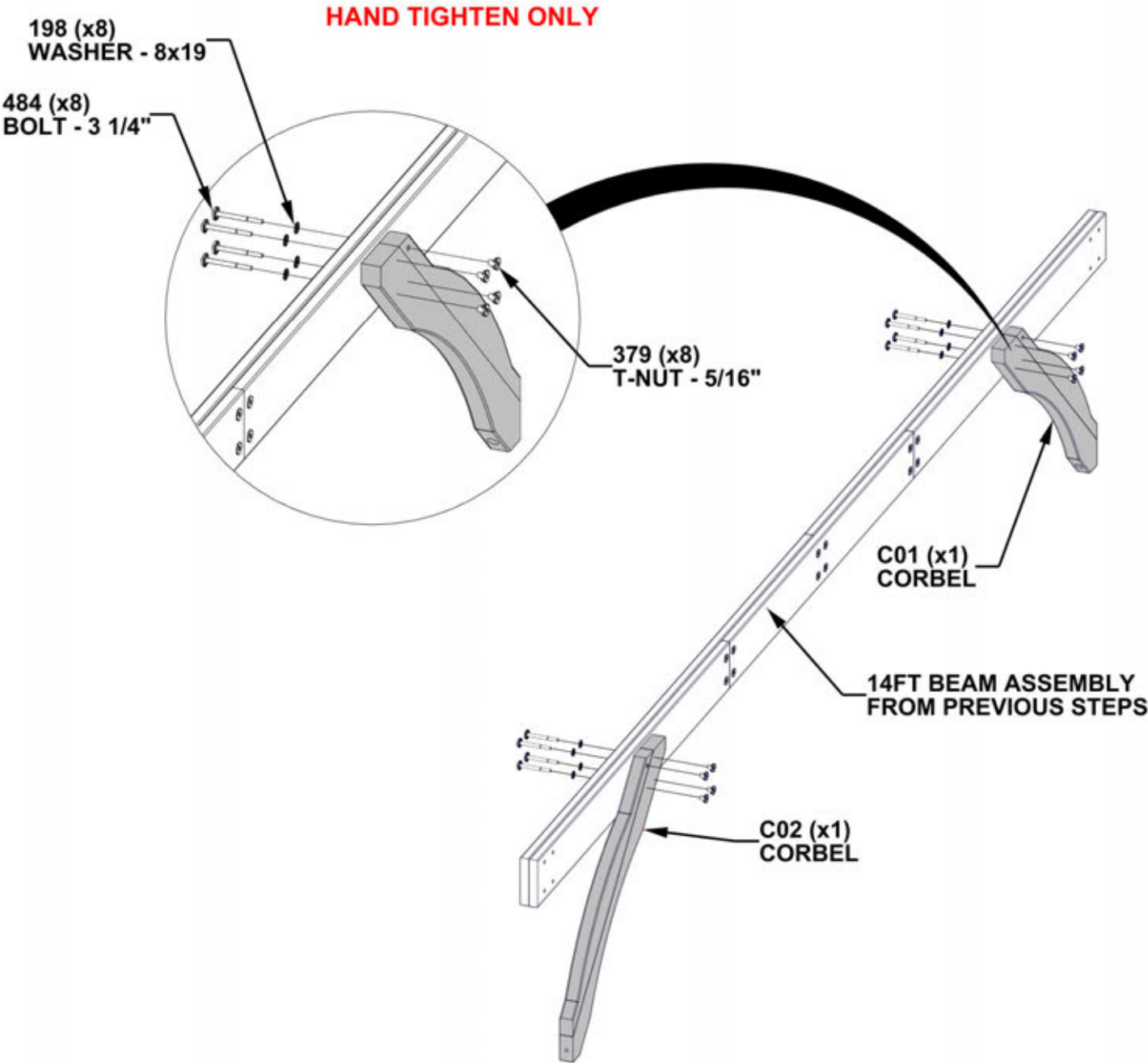


C01 | CORBEL-W2A03393
(1) 1 3/8"x6 7/16"x35 1/8" (36x163x893)



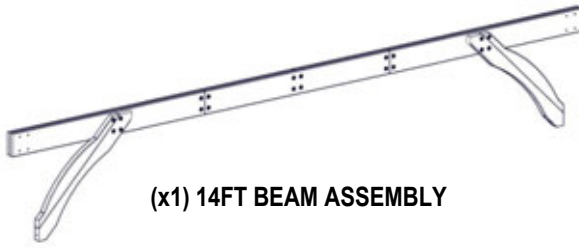
C02 | CORBEL W/TAG-W2A03394
(1) 1 3/8"x6 7/16"x35 1/8" (36x163x893)

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



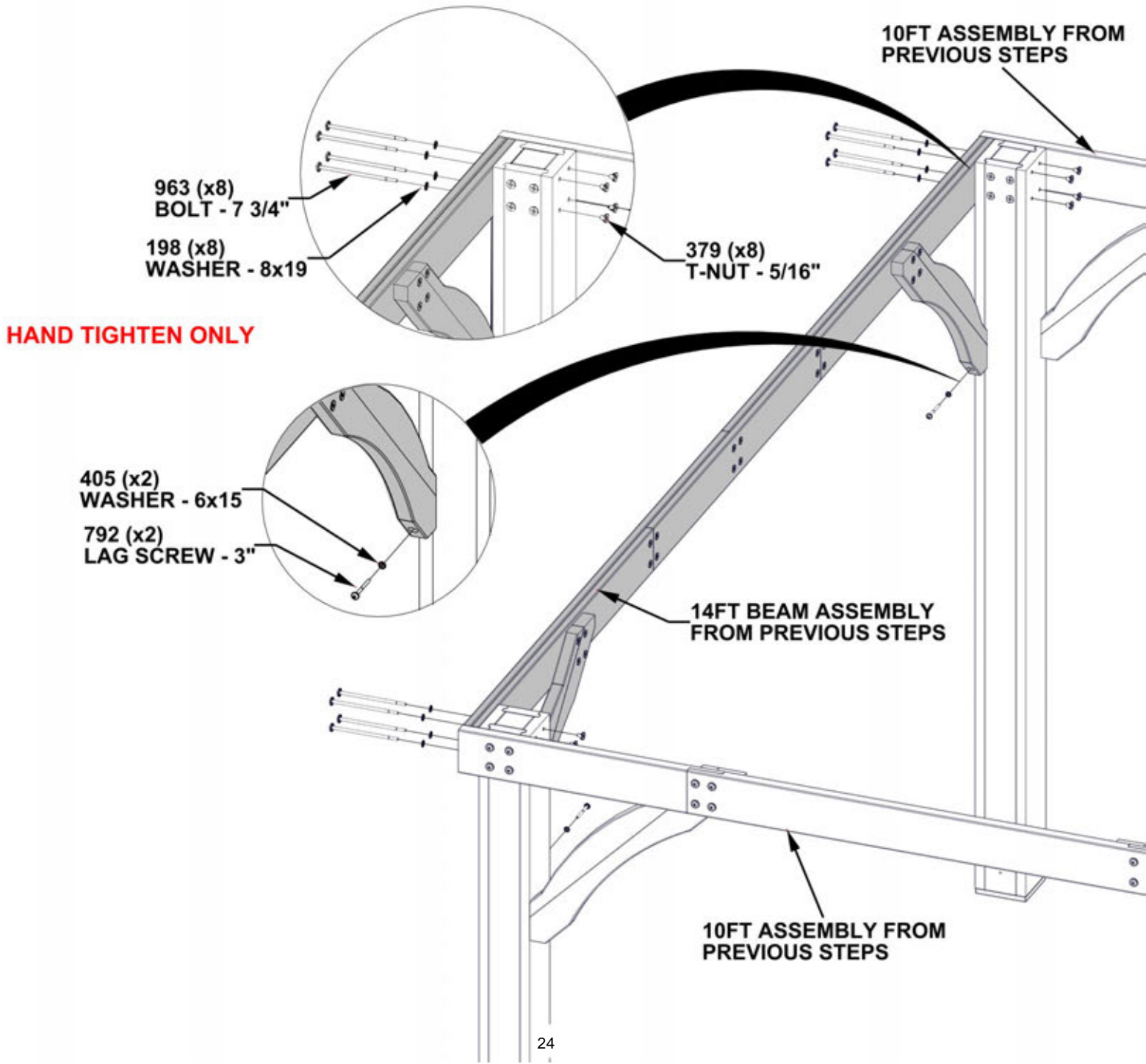
STEP 7 - 14FT BEAM ASSEMBLY

| 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:

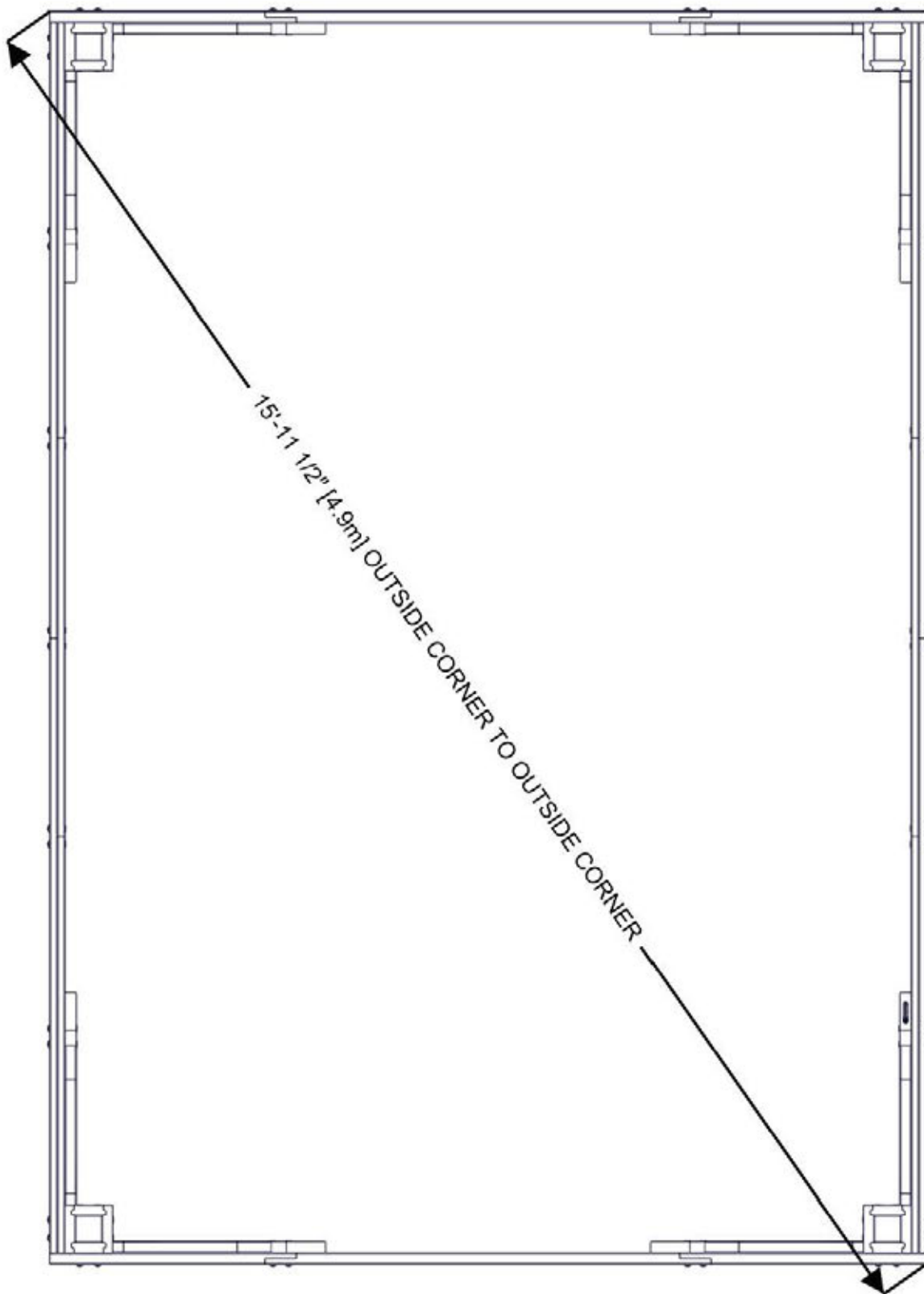
- THREE PEOPLE ARE HELPFUL FOR THIS STEP.
- MOVE THE 10FT POST ASSEMBLIES TO THEIR FINAL LOCATION WITH SOMEONE HOLDING EACH ASSEMBLY UPRIGHT.
- USING A THIRD PERSON, CONNECT THE 14FT BEAM ASSEMBLY TO THE POSTS TO MAKE THE GAZEBO FRAME.
- INSERT BOLTS FIRST, FOLLOWED BY LAG SCREWS
- TO AVOID WOOD SPLITTING,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



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

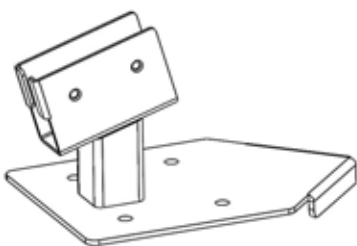
STEP 8A: SQUARE STRUCTURE

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



TOP VIEW

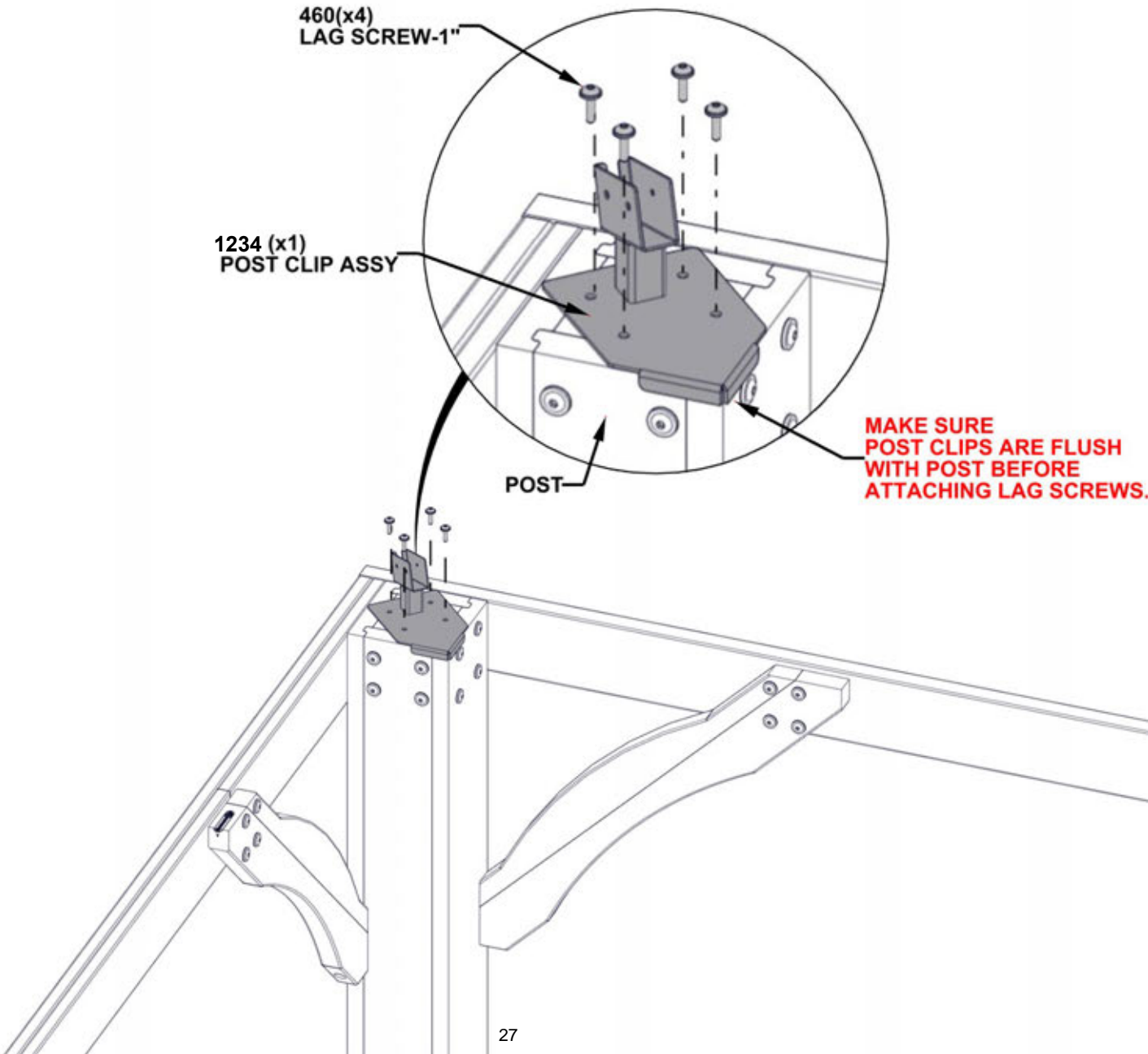
STEP 8B - ROOF SUPPORT ASSEMBLY



A4M01234
(4) POST CLIP

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

DO NOT OVERTIGHTEN

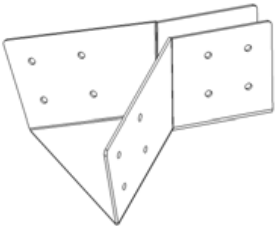


STEP 9 - ROOF SUPPORT ASSEMBLY

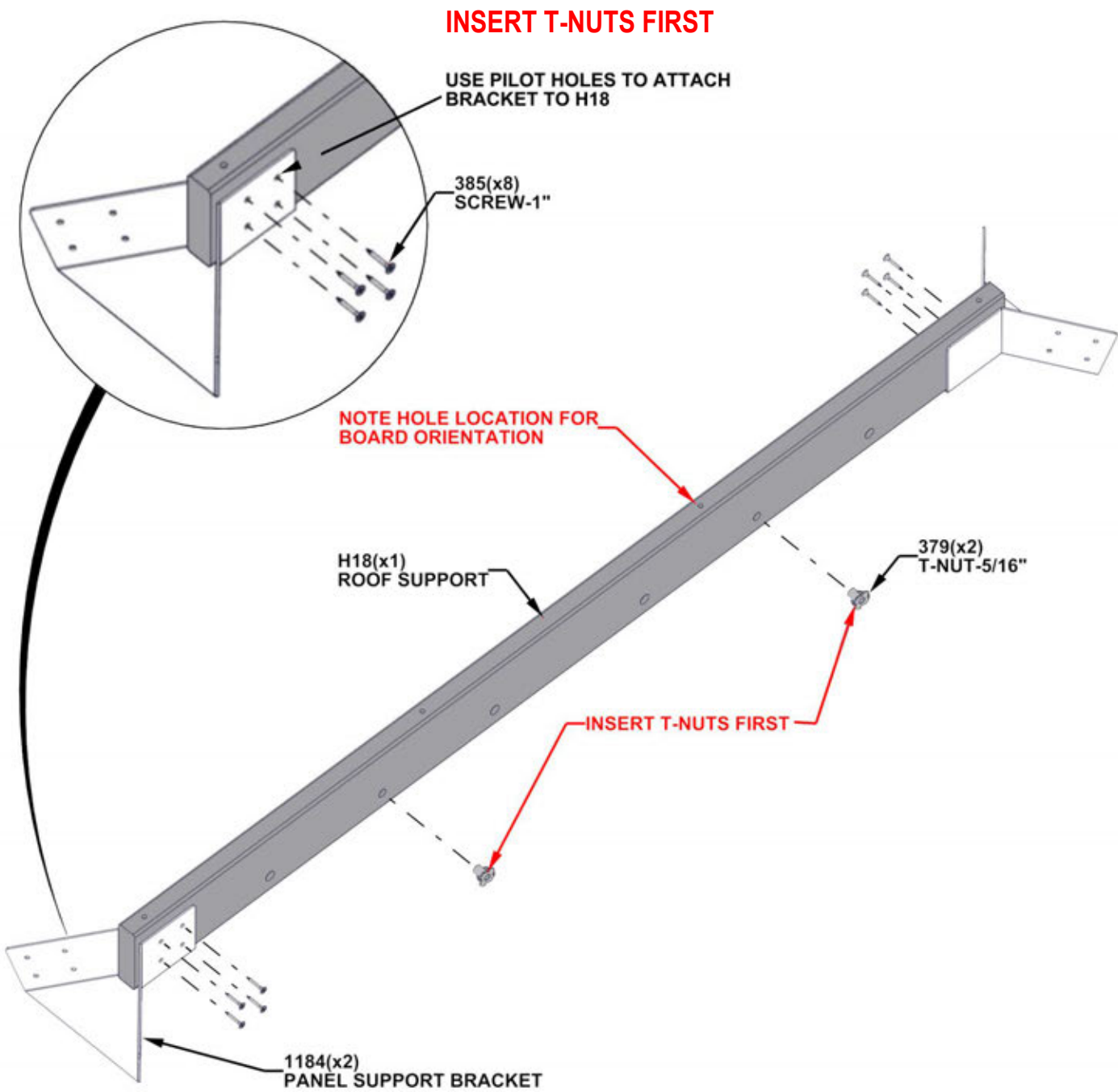


| QTY | PART NUMBER | DESCRIPTION |
|-----|-------------|-------------------|
| 2 | H100379 | T-NUT 5/16 BLK |
| 8 | H100385 | SCREW PFH 8x1 BLK |

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



A4M01184 | PANEL SUPPORT BRACKET
(2)



STEP 10 - ROOF SUPPORT ASSEMBLY

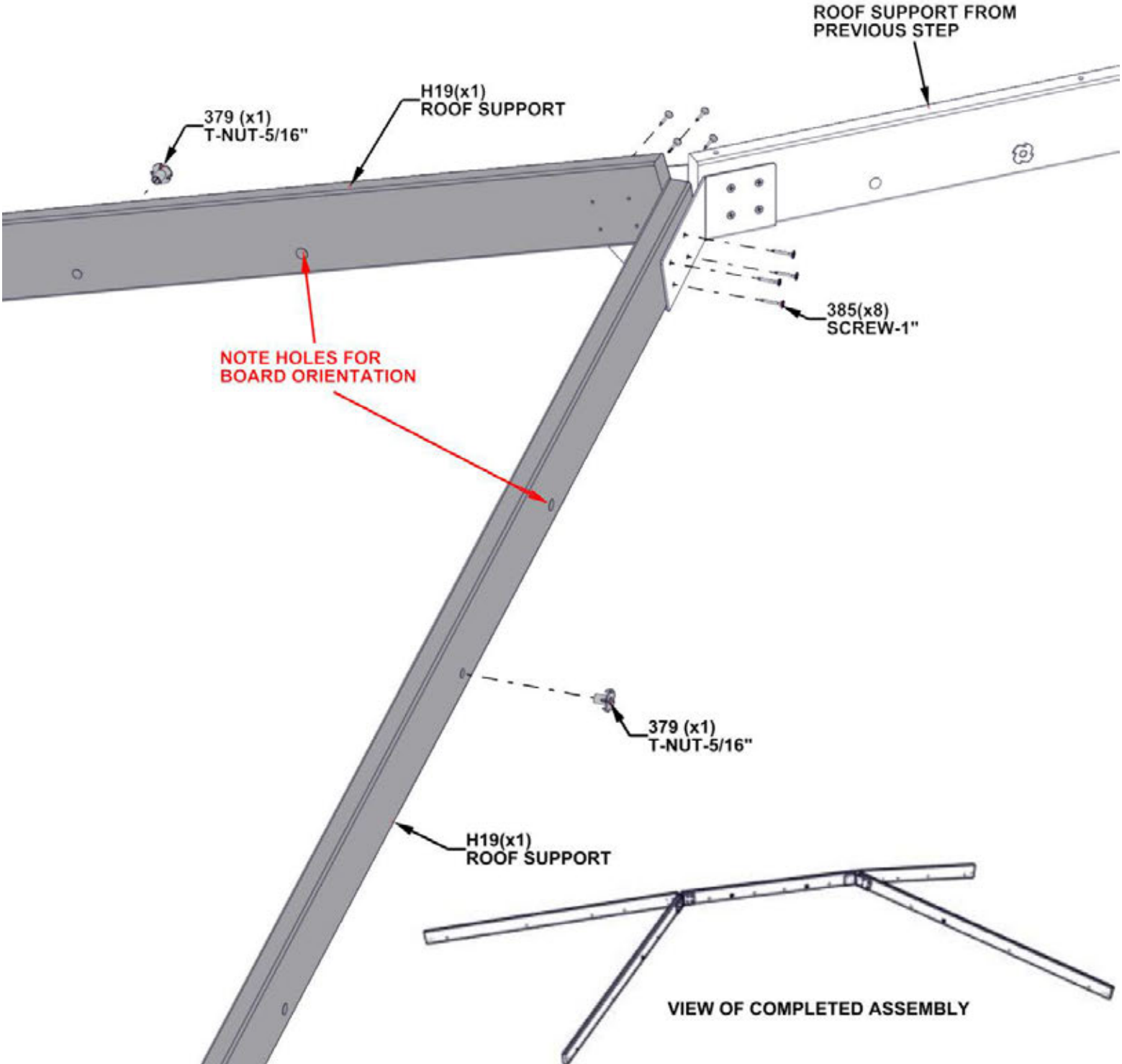


H19 | ROOF SUPPORT-W4L16928
(4) 1"x3 3/8"x75 3/16" (24x86x1909)

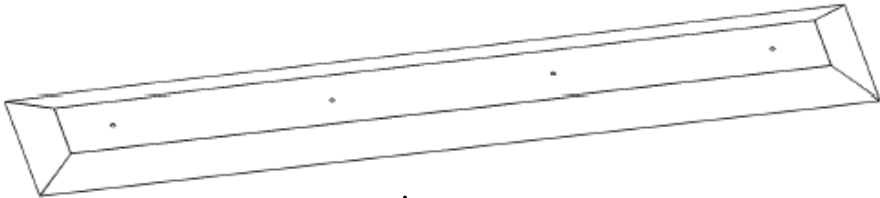
| QTY | PART NUMBER | DESCRIPTION |
|-----|-------------|-------------------|
| 4 | H100379 | T-NUT 5/16 BLK |
| 16 | H100385 | SCREW PFH 8x1 BLK |

REPEAT ON ON OPPOSITE END OF ROOF SUPPORT BOARD

INSERT T-NUTS FIRST



STEP 11 - ROOF SUPPORT ASSEMBLY



A4M01204 | RIDGE PEAK CAP
(1)

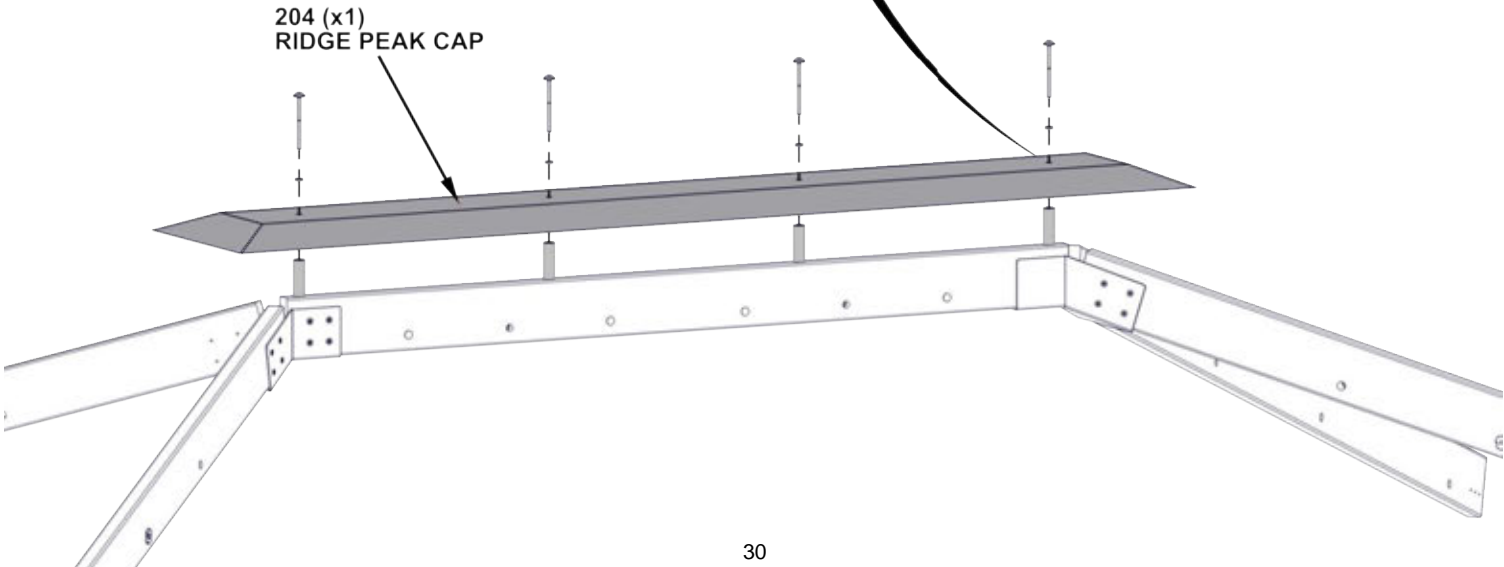
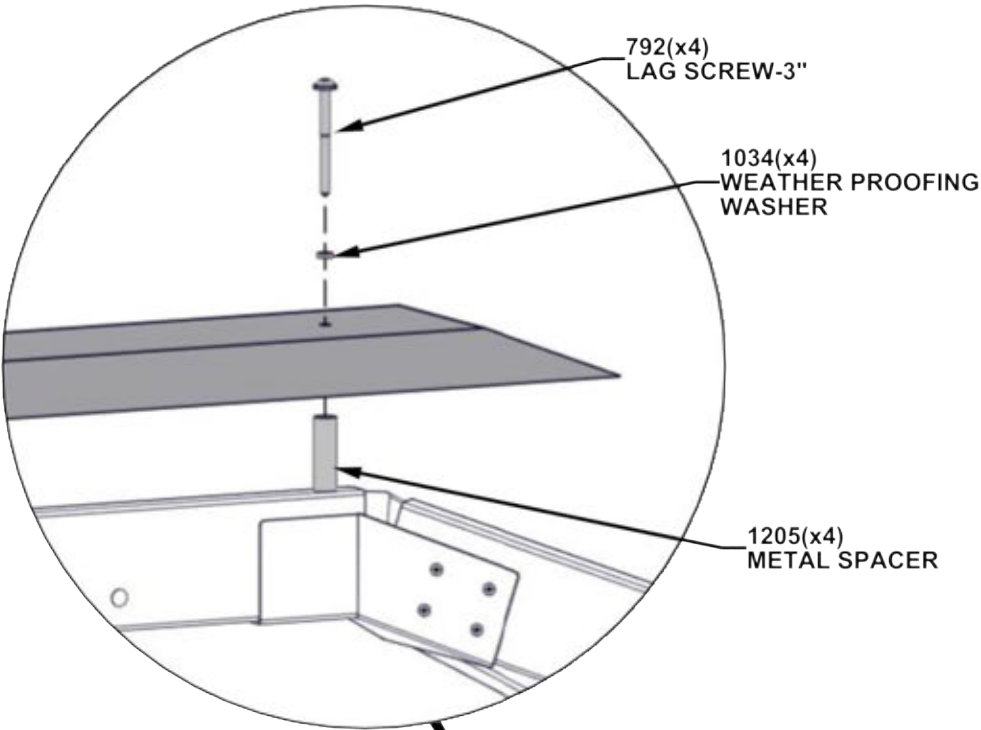


A4M01205 | METAL SPACER
(4)

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

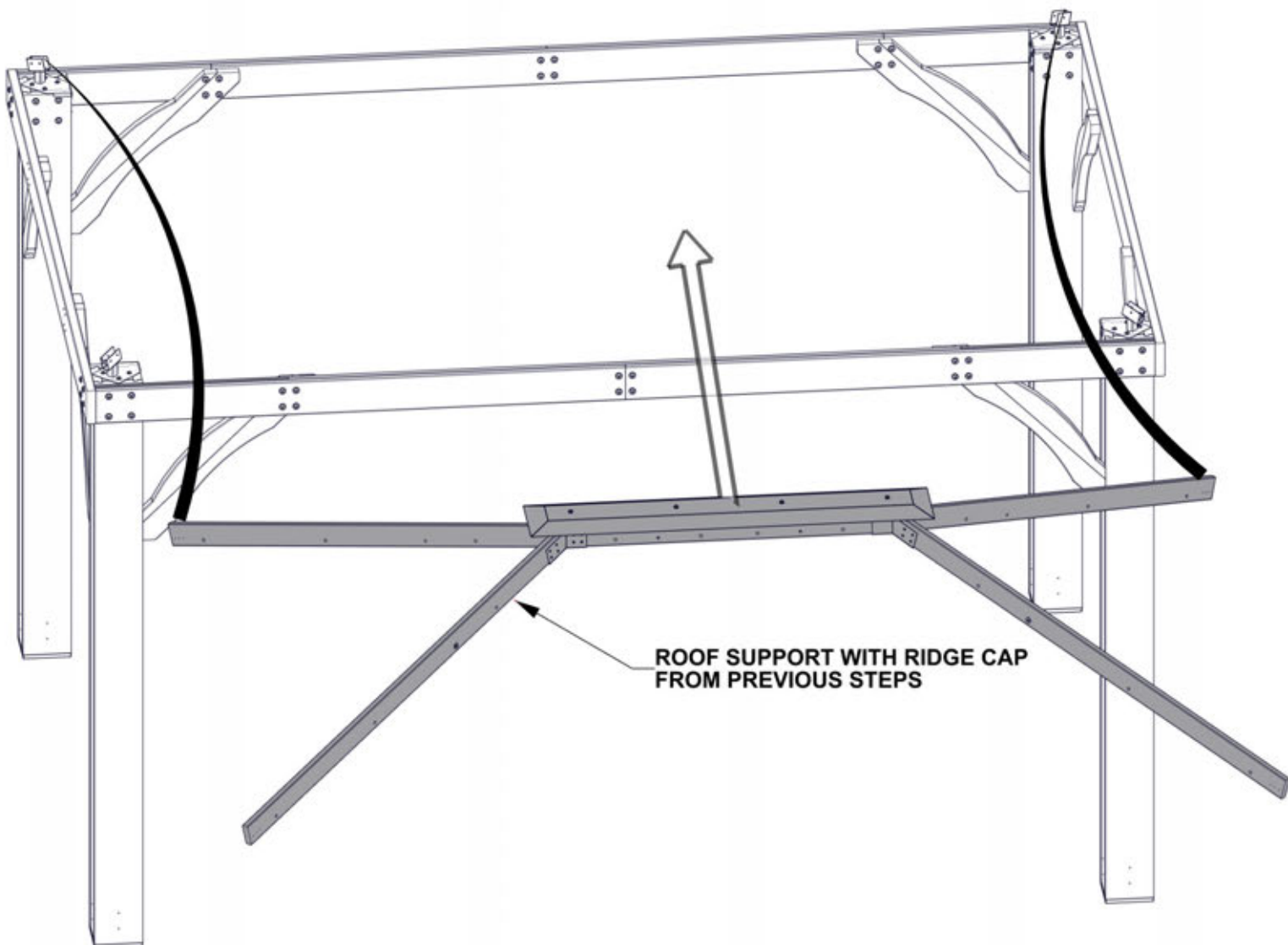
- TIPS:
- REMOVE PROTECTIVE BLUE FILM BEFORE ASSEMBLY
 - ALIGN RIDGE PEAK CAP AND METAL SPACER WITH PILOT HOLES BEFORE INSERTING LAG SCREWS

WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL ROOF PIECES



STEP 12 SUPPORT ASSEMBLY

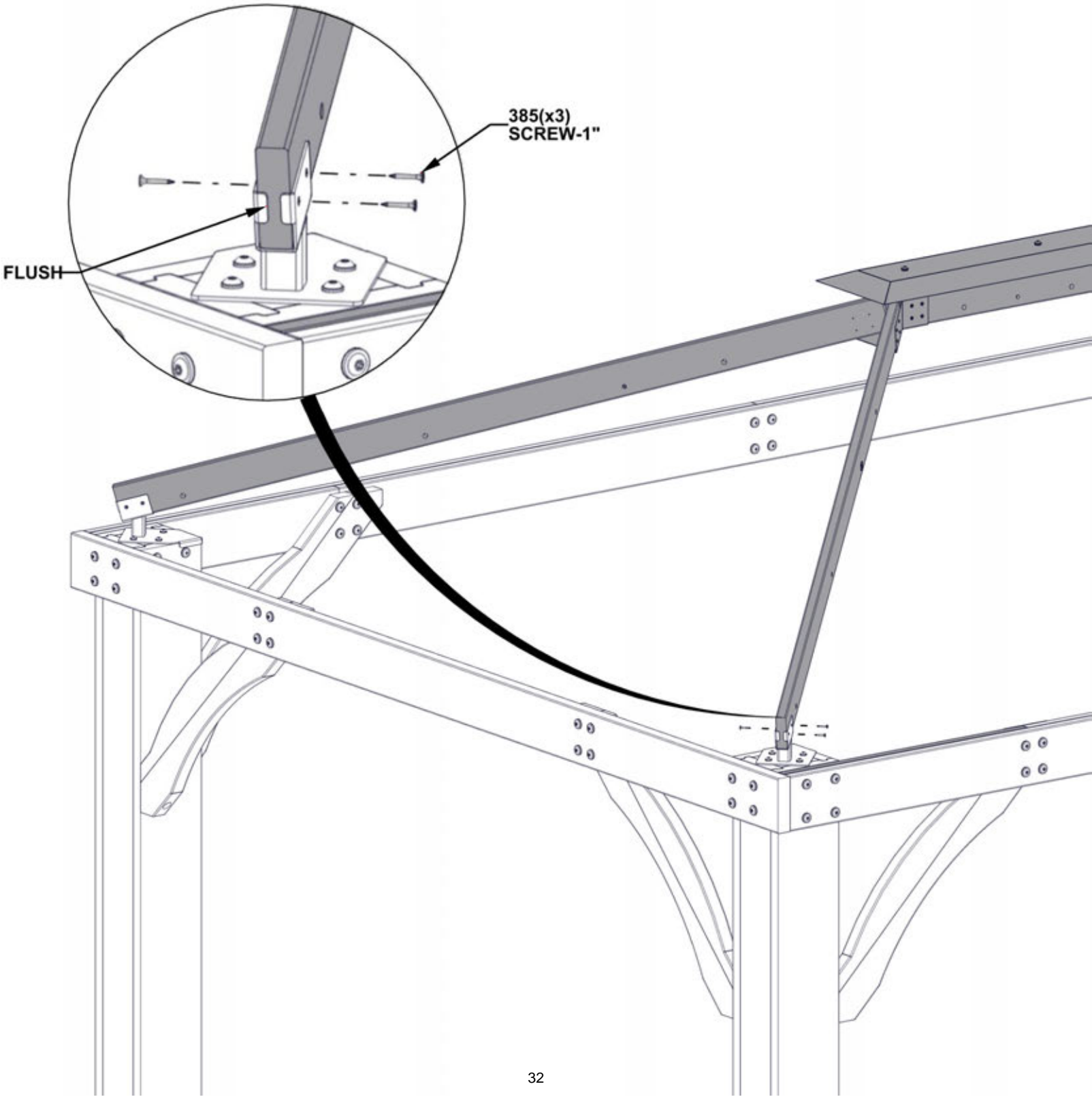
- THREE PEOPLE ARE HELPFUL FOR THIS STEP.
- POSITION A PERSON ON A LADDER IN THE CENTER OF THE BASE.
- LIFT ROOF SUPPORT UP AND OVER THE 14FT SIDE AND INSERT INTO CORNER POST CLIPS.



STEP 13 ROOF SUPPORT ASSEMBLY

| QTY | PART NUMBER | DESCRIPTION |
|-----|-------------|-------------------|
| 12 | H100385 | SCREW PFH 8x1 BLK |

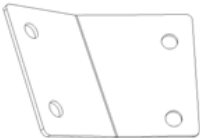
REPEAT ON ALL POSTS



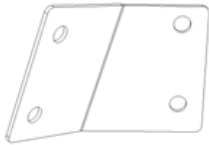
STEP 14 - 14FT ROOF PANEL ASSEMBLY



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



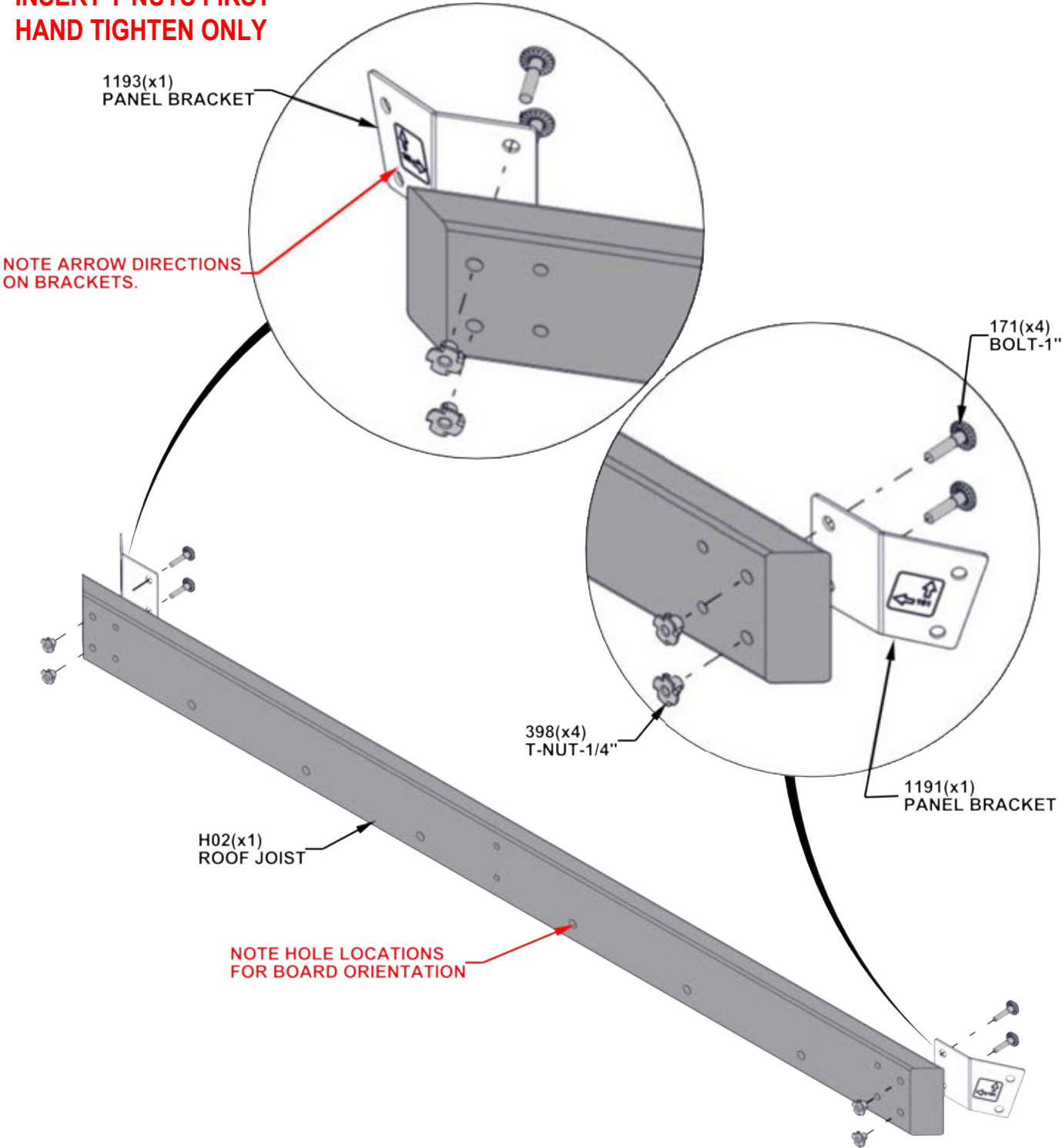
A4M01193 | PANEL BRACKET
(1)



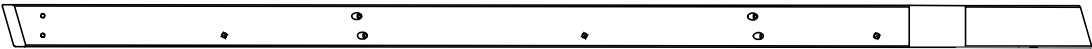
A4M01191 | PANEL BRACKET
(1)

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

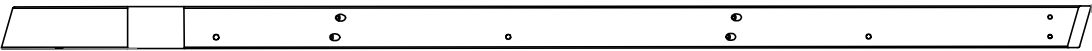
**INSERT T-NUTS FIRST
HAND TIGHTEN ONLY**



STEP 15 - 14FT ROOF PANEL ASSEMBLY

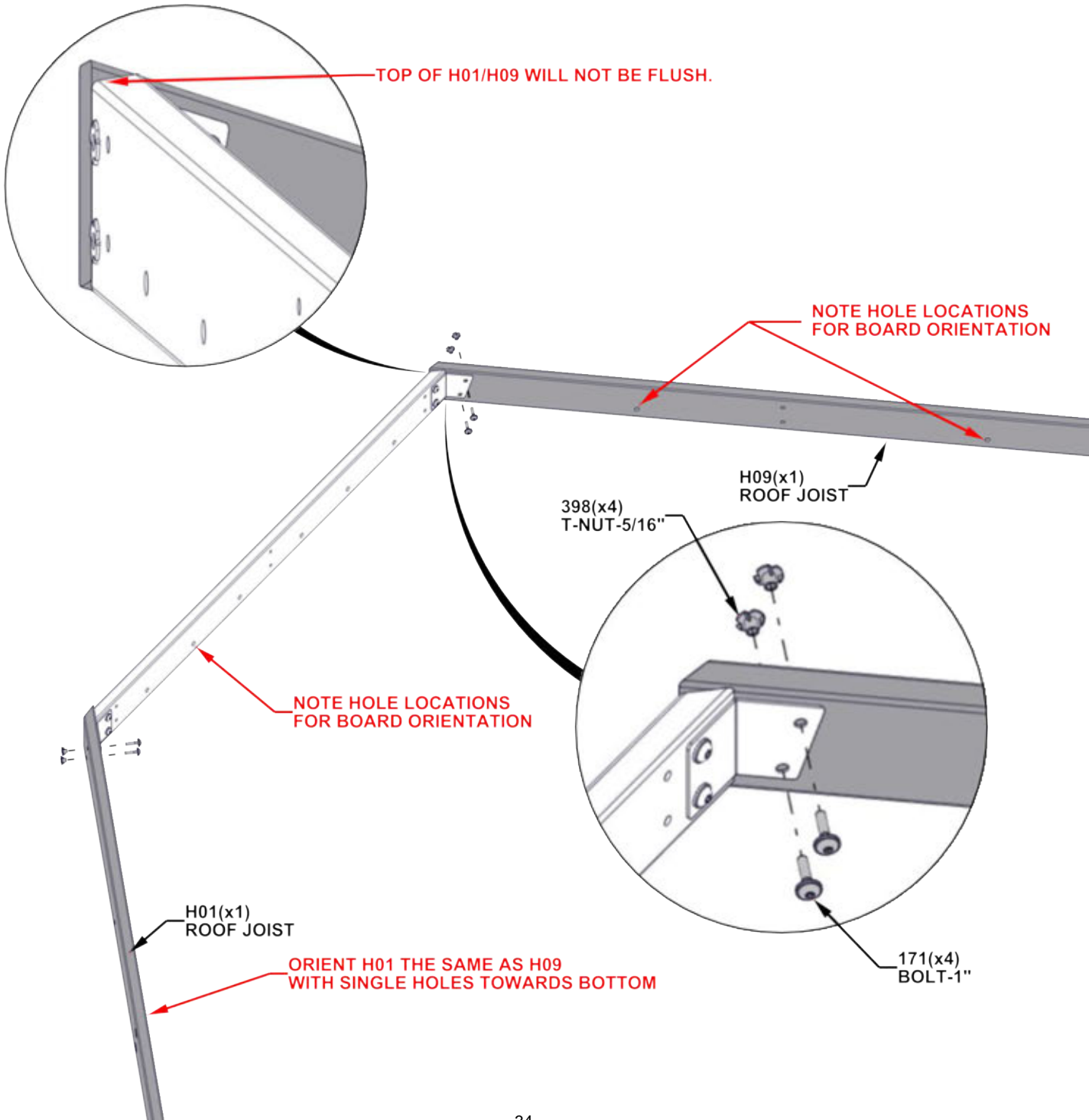


H01 | ROOF JOIST-W4L16295
(1) 1"x3 3/8"x88 3/16" (24x86x2240)




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


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




STEP 16 - 14FT ROOF PANEL ASSEMBLY




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




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




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



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

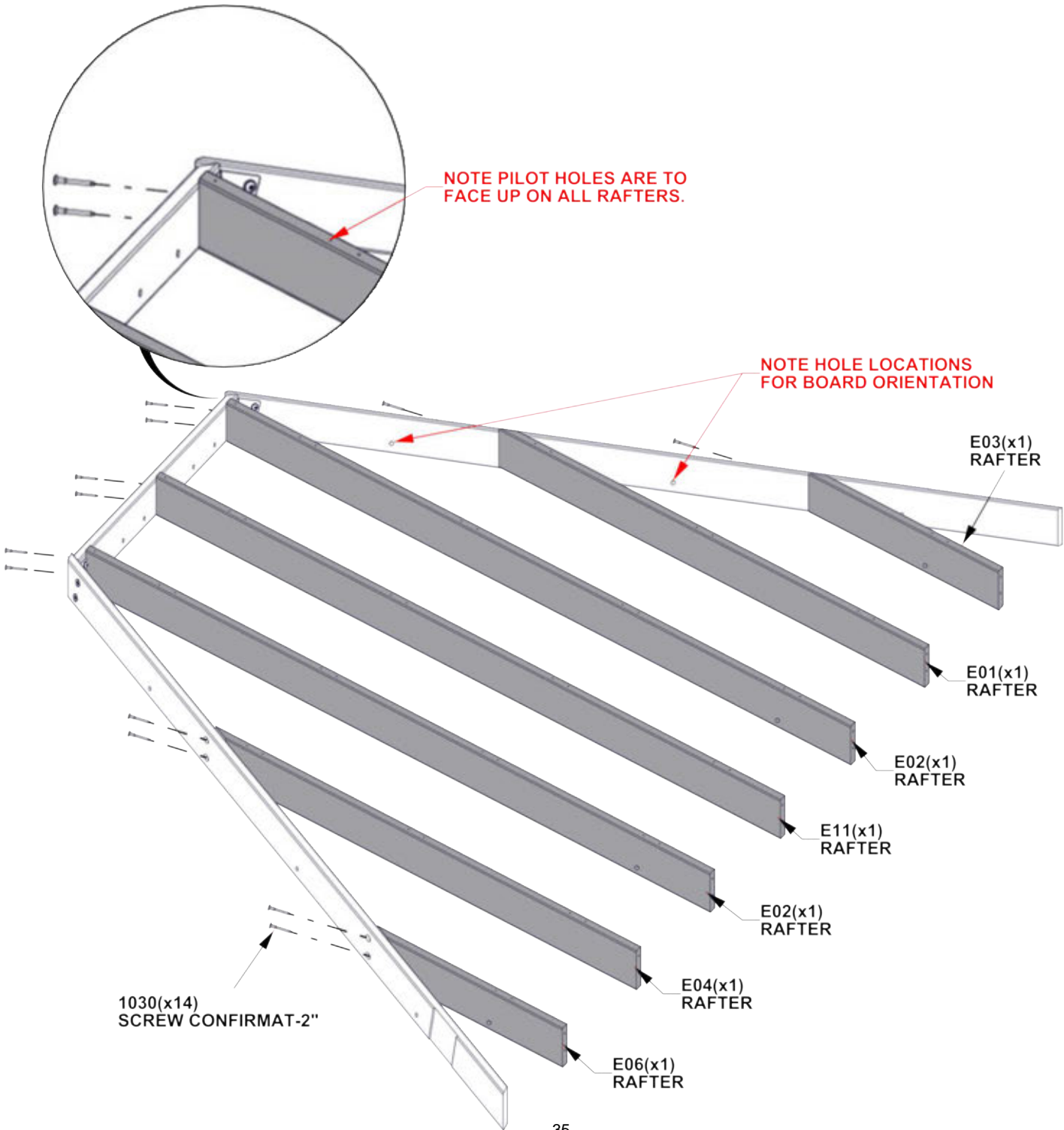


E03 | RAFTER- W4L16286
(1) 1 3/8"x3 3/8"x20 7/16" (36x86x519)



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

| QTY | PART NUMBER | DESCRIPTION |
|-----|-------------|------------------------|
| 14 | H101030 | SCREW 2" CONFIRMAT BLK |



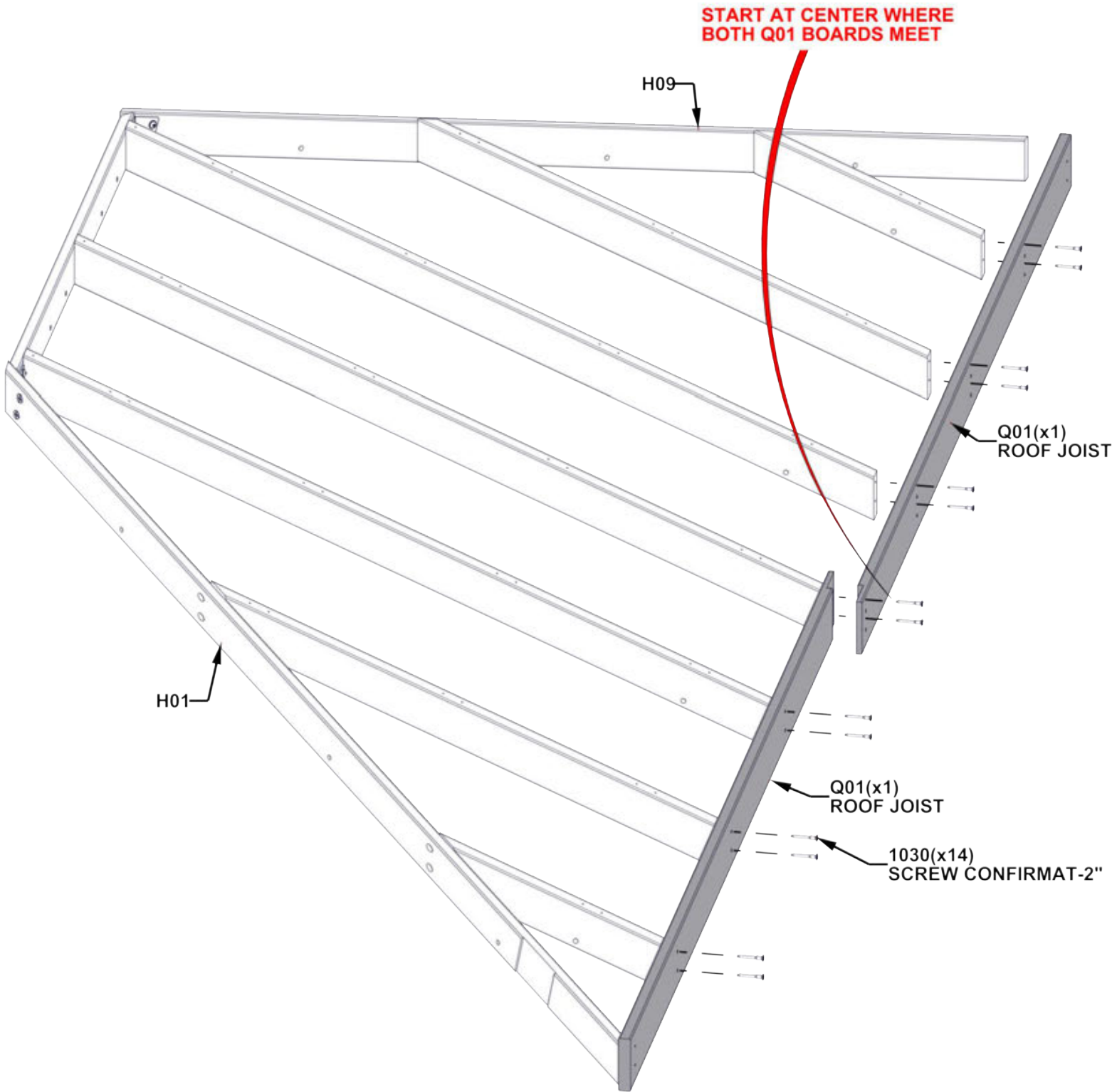
STEP 17A - 14FT ROOF PANEL ASSEMBLY

| | | | | |
|---|---|---|---|---|
| : | : | : | : | : |
| : | : | : | : | : |

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 |

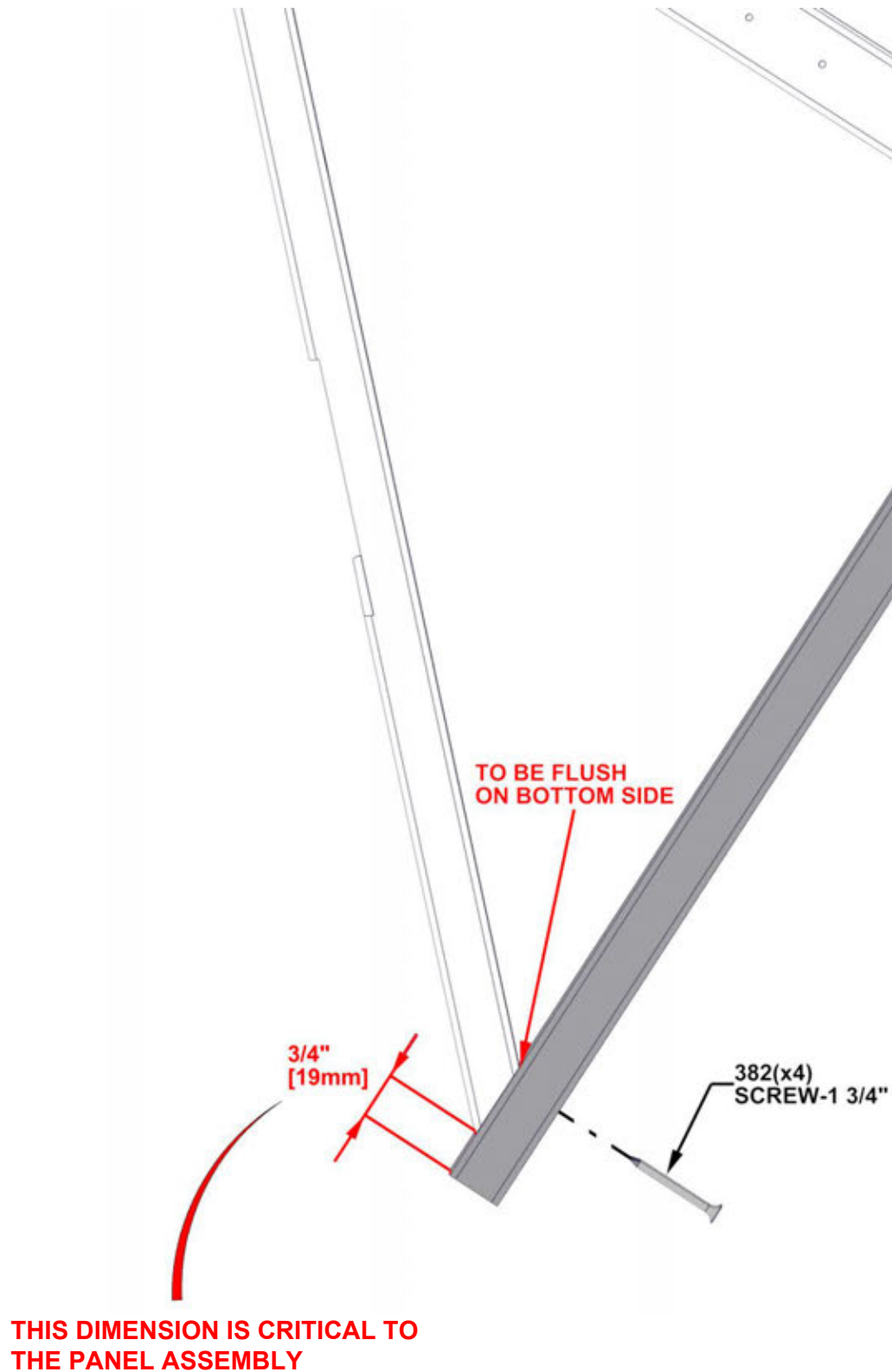
- TIP:
- RAFTERS MAY NEED TO BE LOOSENED TO ATTACH Q01 TO H01/H09



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.



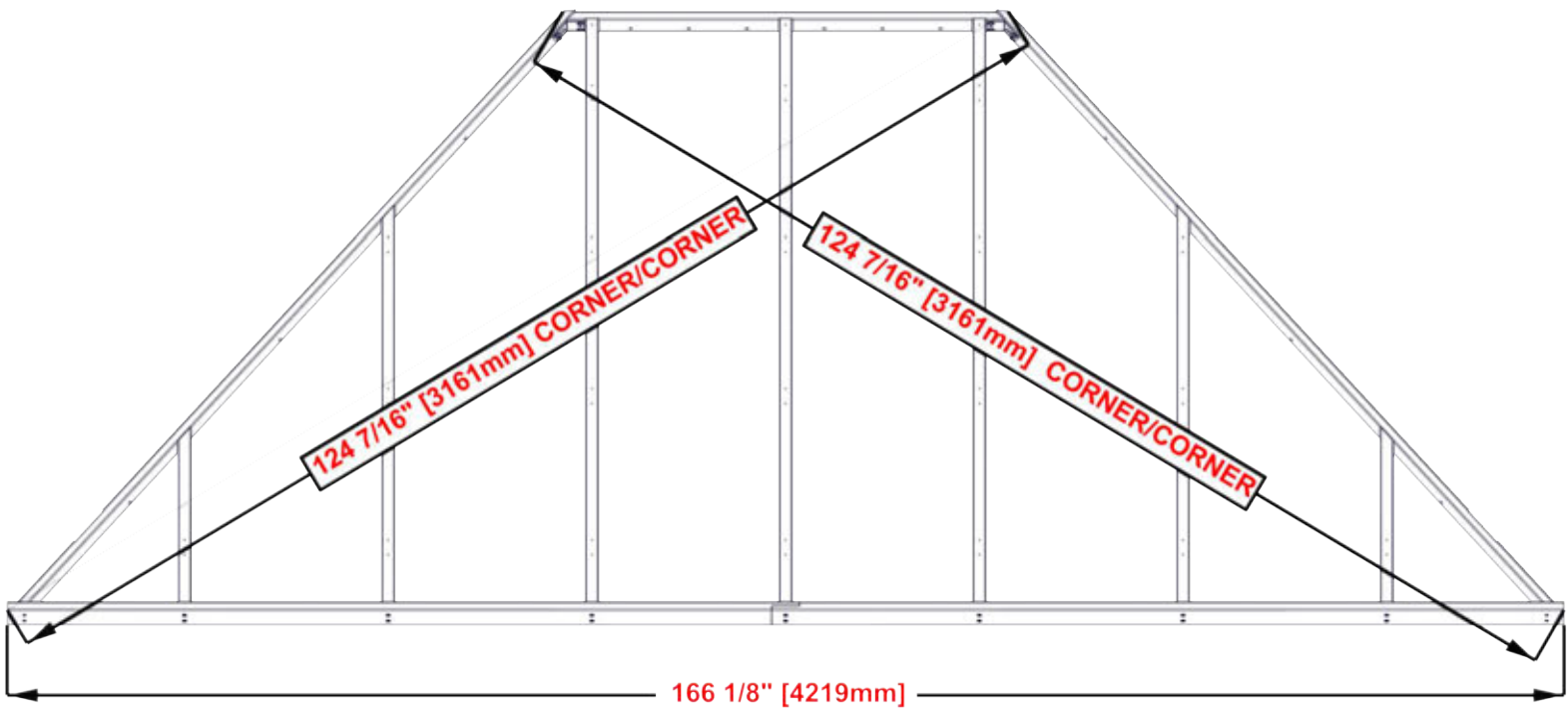
STEP 17C - 14FT ROOF PANEL ASSEMBLY

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 $\pm 1/4"$.
- 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)

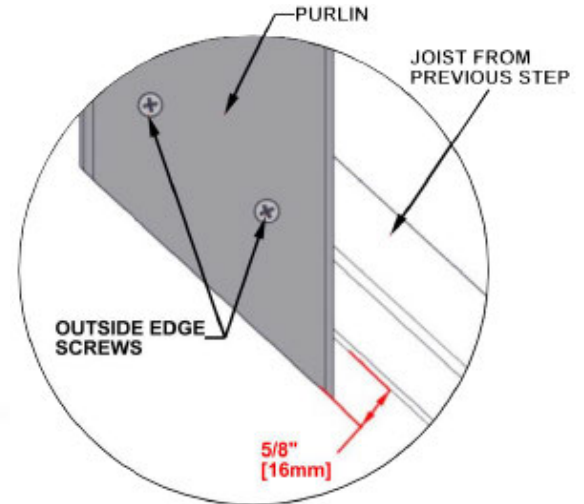
H03 | PURLIN - W4L16281
(1) 1"x3 3/8"x68 3/8" (24x86x1736)

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 |

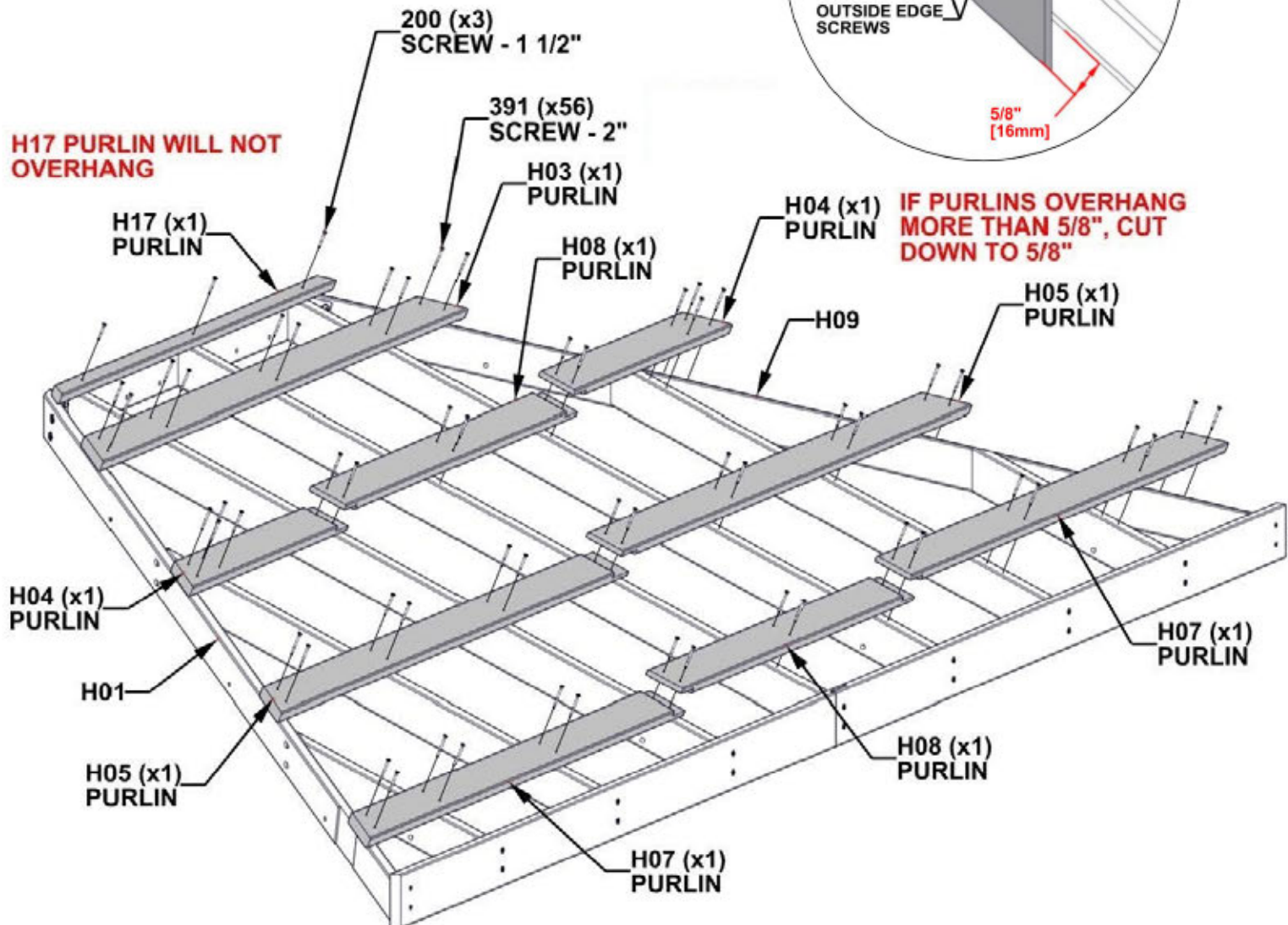
TIPS:

- 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.

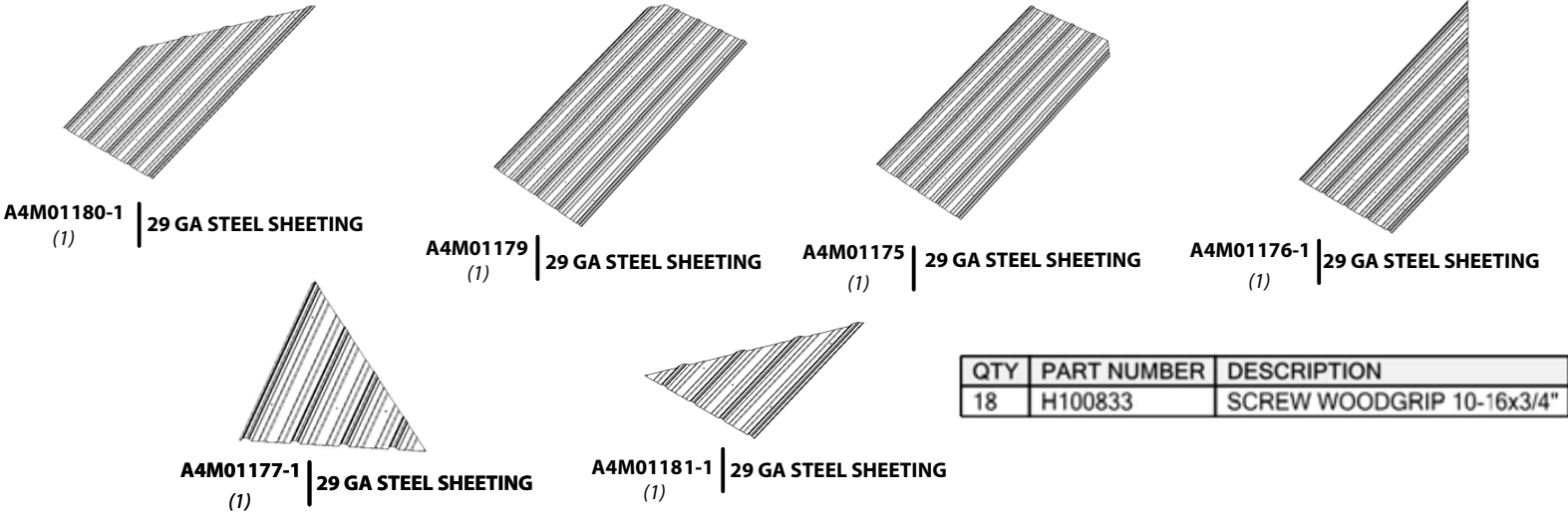


H17 PURLIN WILL NOT OVERHANG

IF PURLINS OVERHANG MORE THAN 5/8", CUT DOWN TO 5/8"

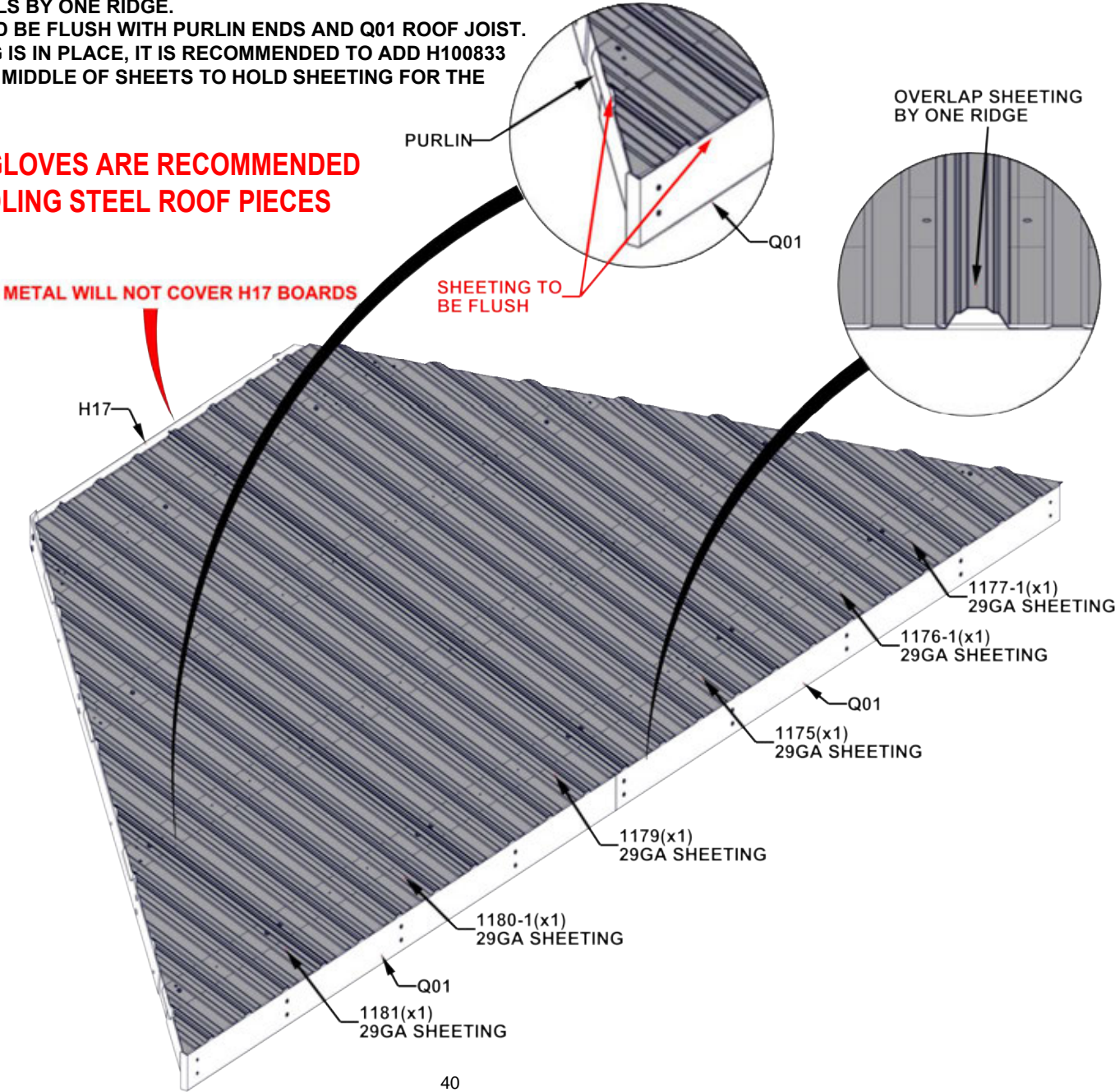


STEP 19 - 14FT ROOF PANEL ASSEMBLY

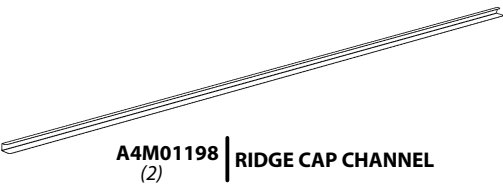


- TIPS:
- REMOVE PROTECTIVE BLUE FILM
 - STARTING IN THE CENTER, PLACE PANELS AS SHOWN BELOW.
 - OVERLAP PANELS BY ONE RIDGE.
 - PANELS SHOULD BE FLUSH WITH PURLIN ENDS AND Q01 ROOF JOIST.
 - ONCE SHEETING IS IN PLACE, IT IS RECOMMENDED TO ADD H100833 SCREWS IN THE MIDDLE OF SHEETS TO HOLD SHEETING FOR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

WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL ROOF PIECES

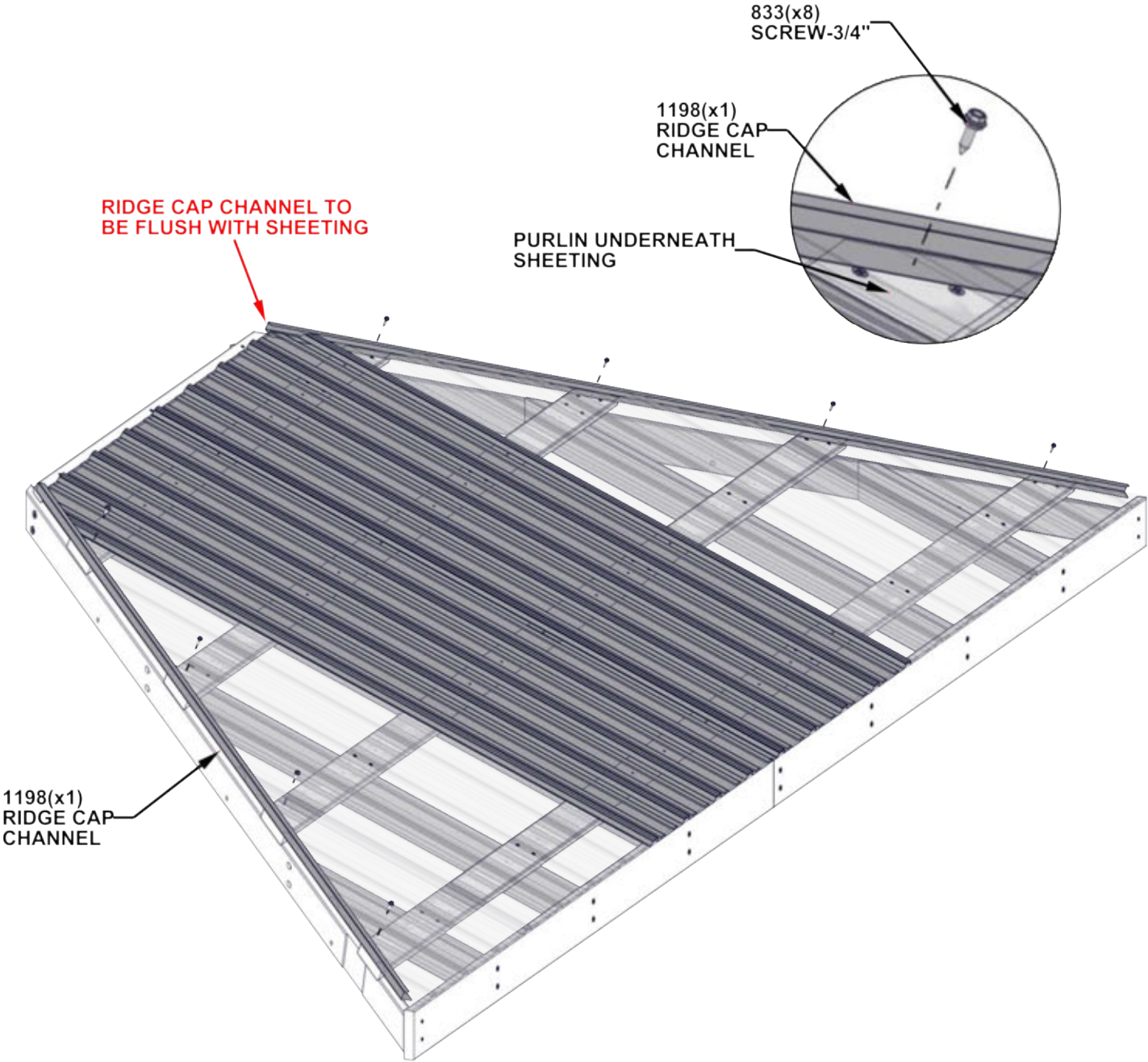


STEP 20 - 14FT ROOF PANEL ASSEMBLY



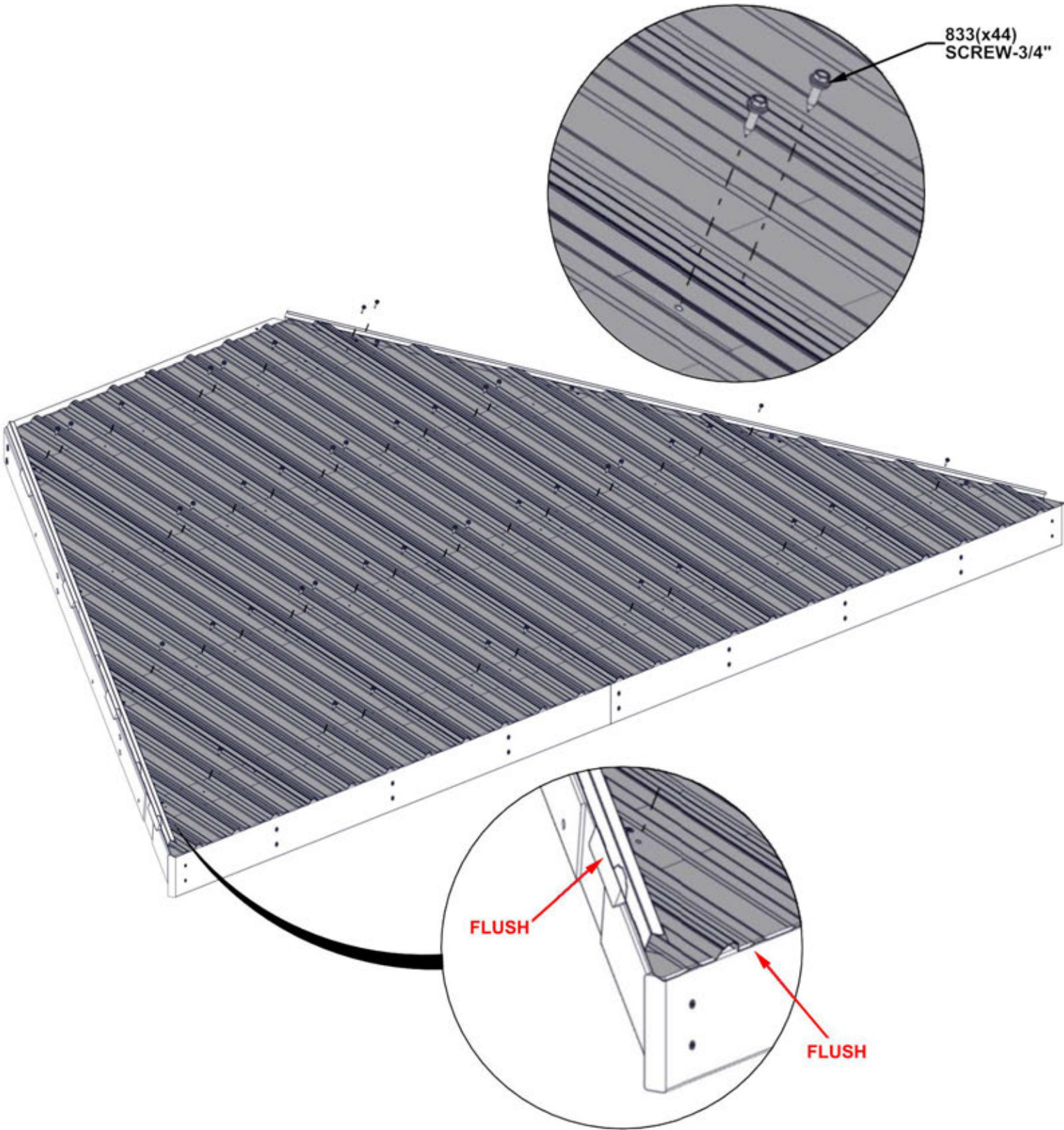
| QTY | PART NUMBER | DESCRIPTION |
|-----|-------------|---------------------------|
| 8 | H100833 | SCREW WOODGRIP 10-16x3/4" |

- 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.



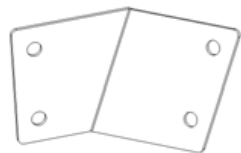
STEP 21 - 14FT ROOF PANEL ASSEMBLY

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

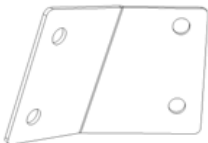


**REPEAT 14FT ROOF PANEL
ASSEMBLY STEPS 14 THROUGH 21**

STEP 22 - 10FT ROOF PANEL ASSEMBLY



A4M01192 | PANEL BRACKET
(1)



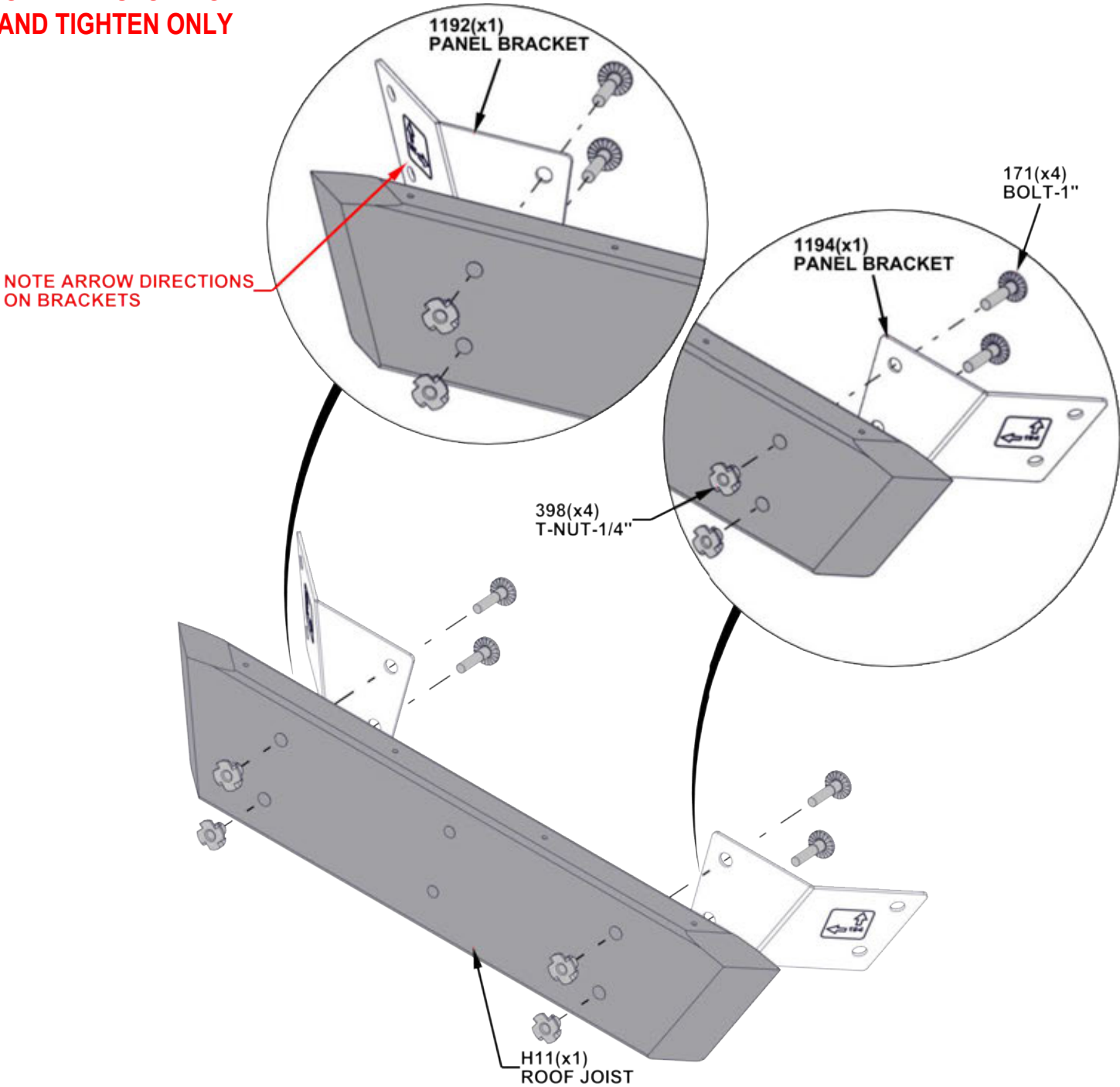
A4M01194 | PANEL BRACKET
(1)

| 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

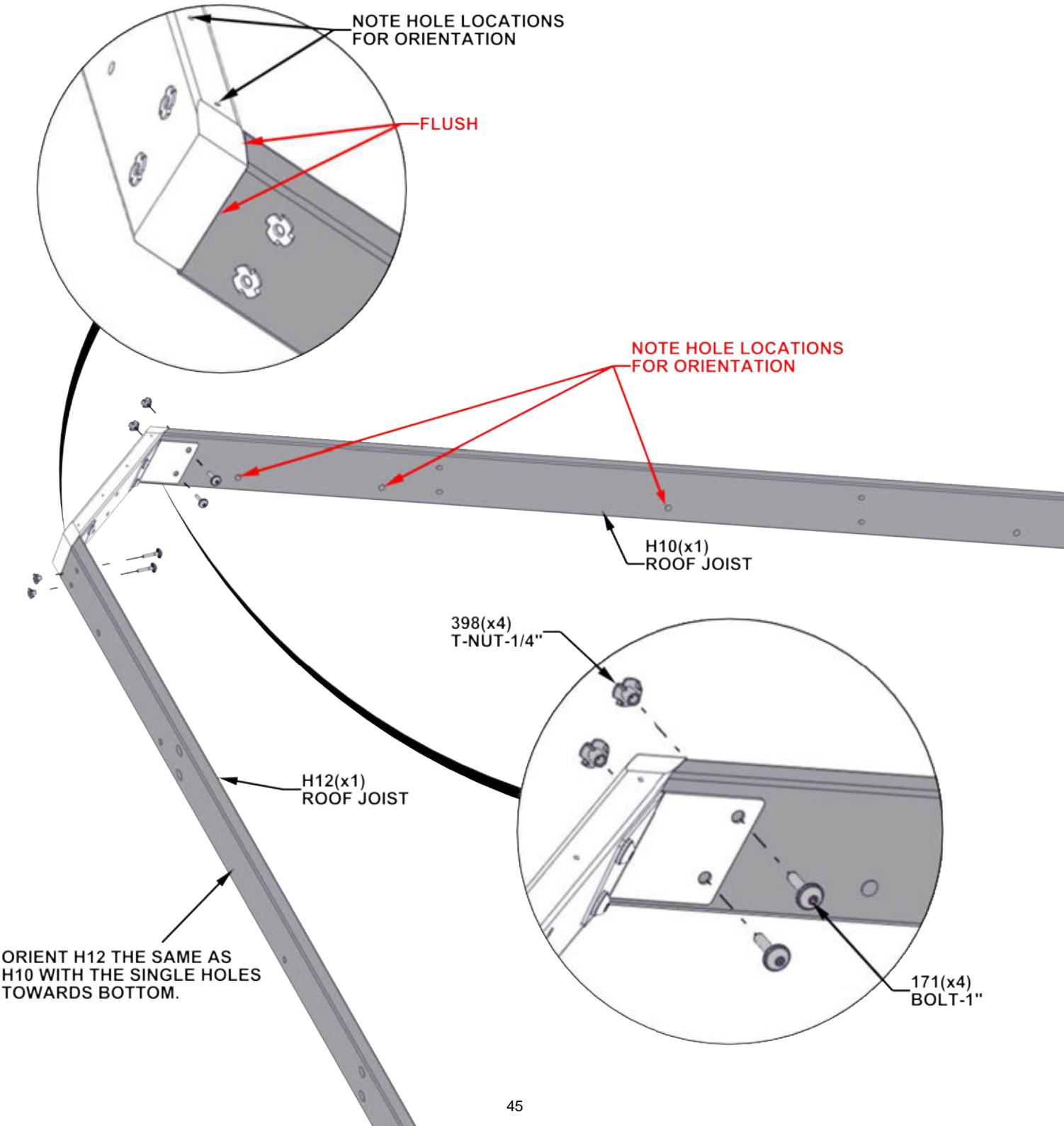


STEP 23 - 10FT ROOF PANEL ASSEMBLY

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)

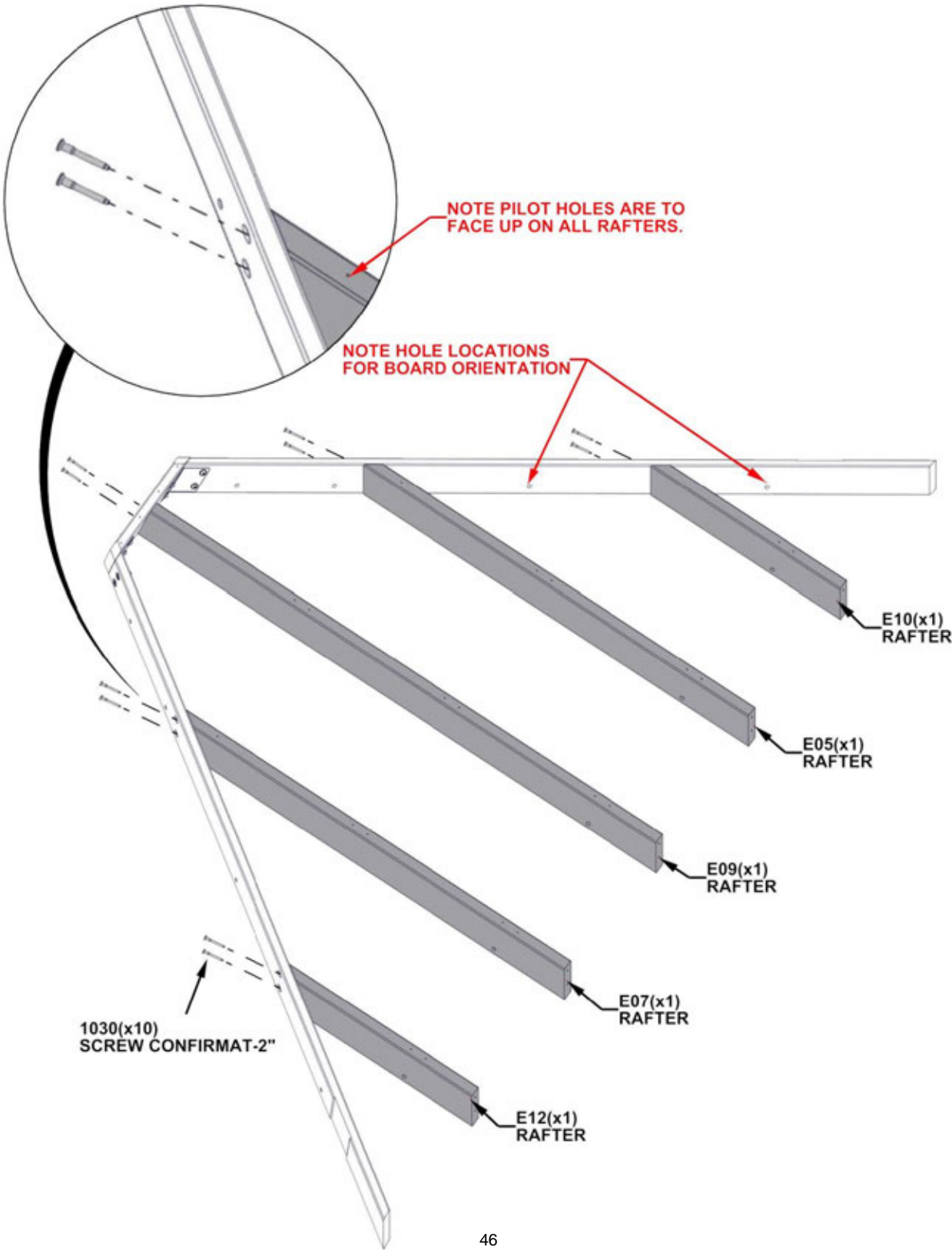


E05 | RAFTER - W4L17402
(1) | 1 3/8"x3 3/8"x42 7/8" (36x86x1087)



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

| QTY | PART NUMBER | DESCRIPTION |
|-----|-------------|------------------------|
| 10 | H101030 | SCREW 2" CONFIRMAT BLK |



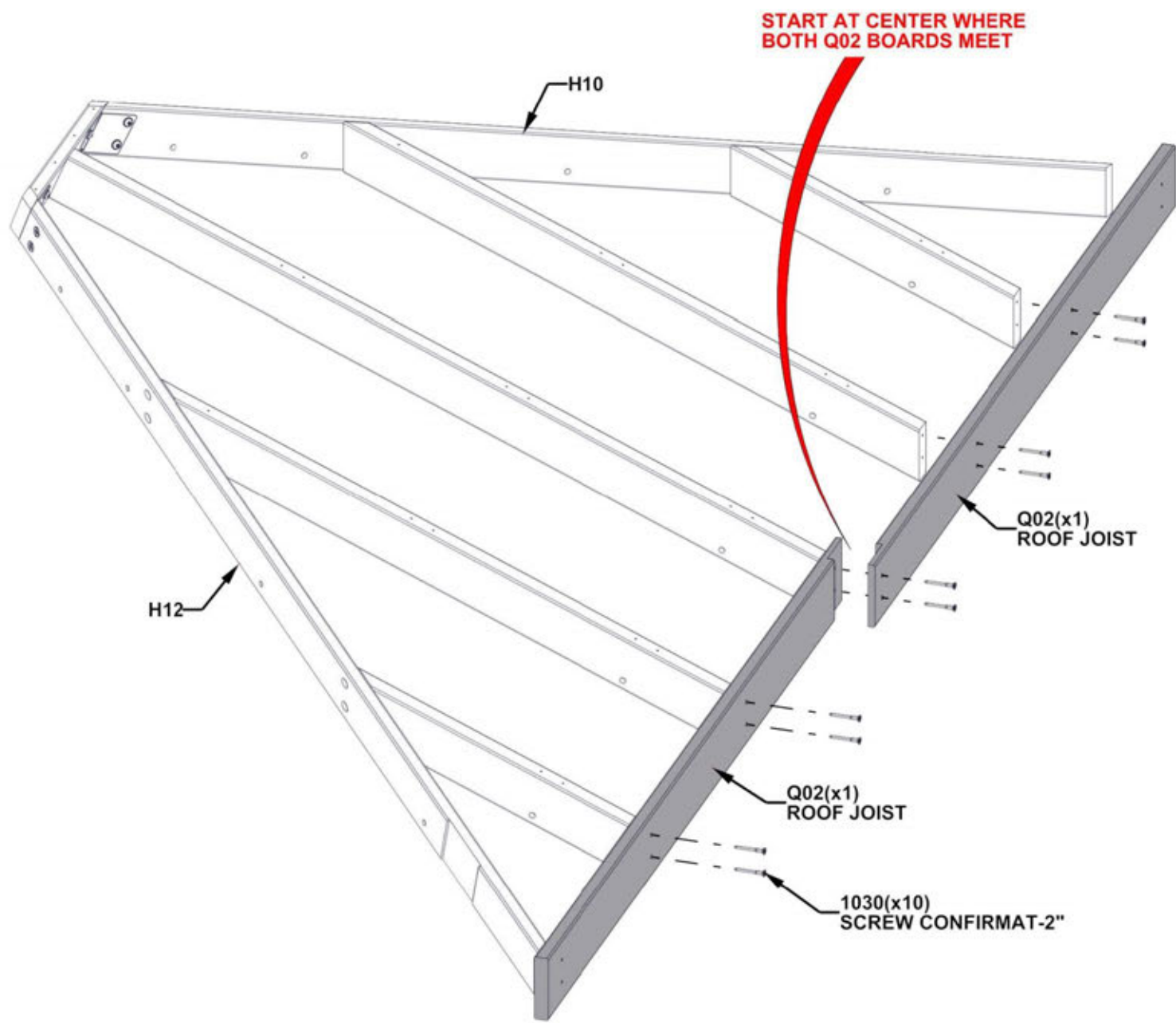
STEP 25A - 10FT ROOF PANEL ASSEMBLY

| | | | |
|---|---|---|---|
| : | : | : | : |
|---|---|---|---|

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

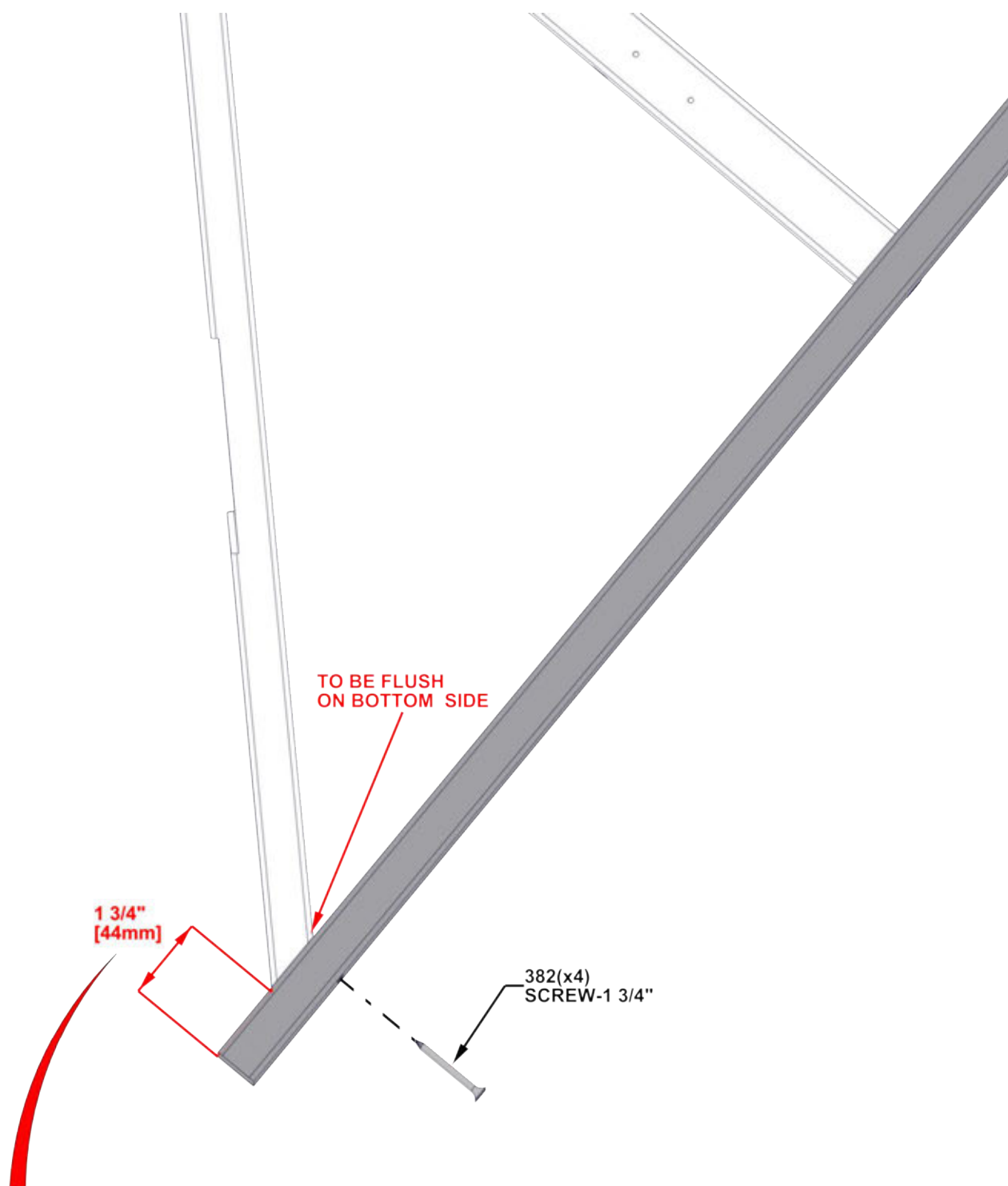
| QTY | PART NUMBER | DESCRIPTION |
|-----|-------------|------------------------|
| 4 | H100382 | SCREW PFH 8x1 3/4 BLK |
| 10 | H101030 | SCREW 2" CONFIRMAT BLK |

- 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**

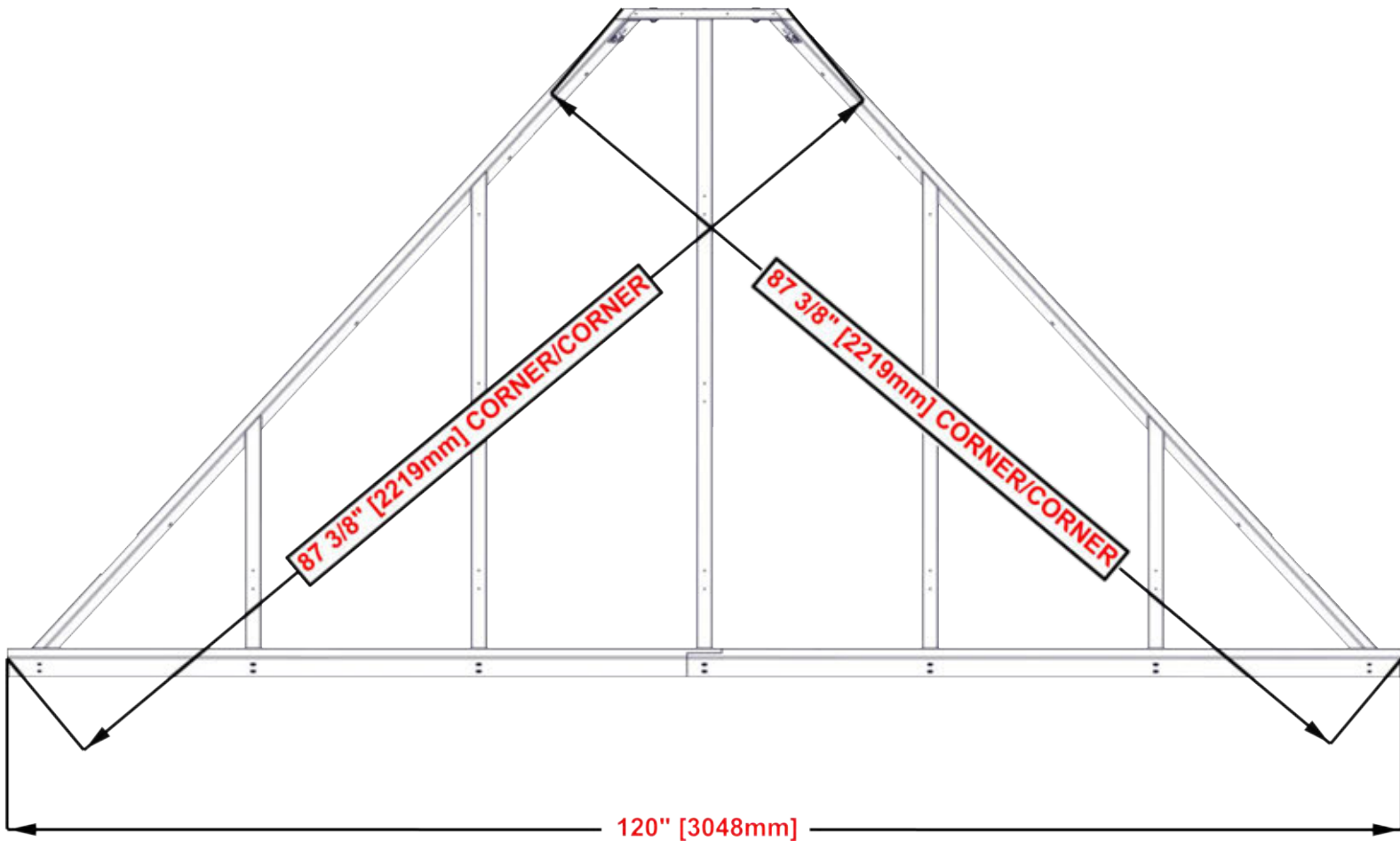
STEP 25C - 10FT ROOF PANEL ASSEMBLY

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)

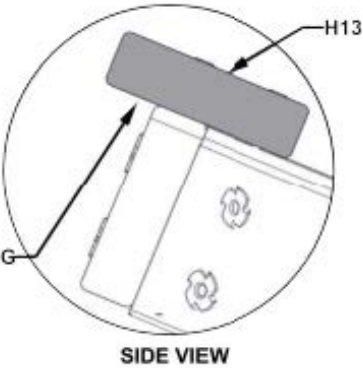
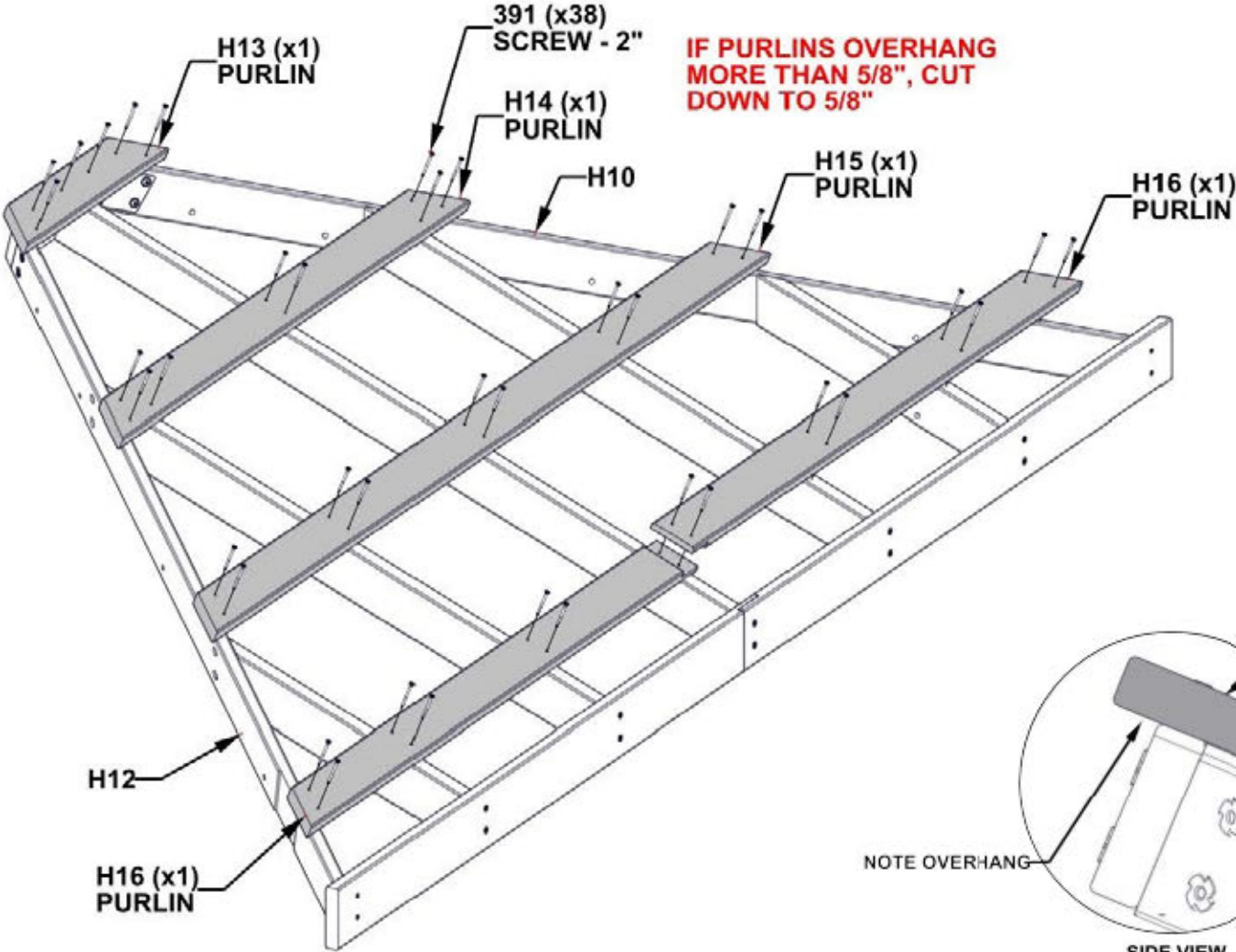
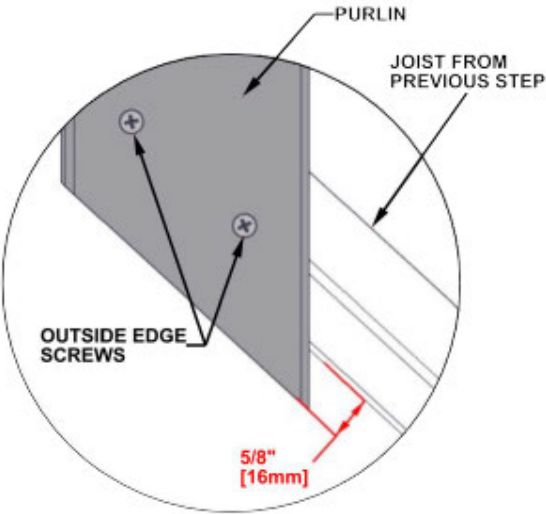
H15 | PURLIN - W4L16305
(1) | 1"x3 3/8"x79 7/8" (24x86x2030)



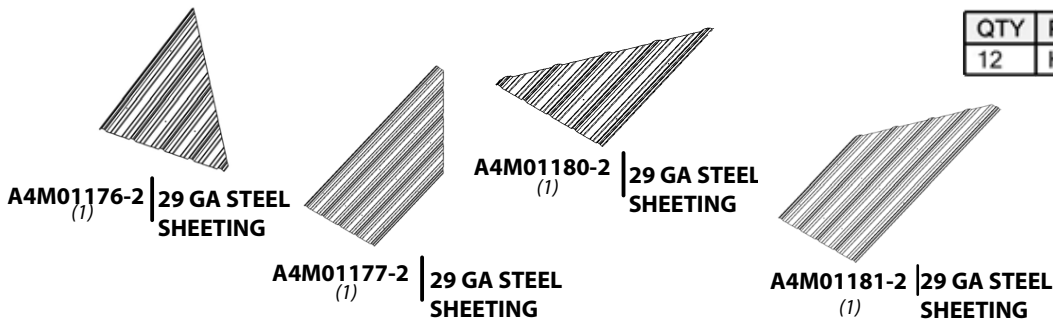
H16 | PURLIN - W4L16922
(2) | 1"x3 3/8"x56" (24x86x1423)

| 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

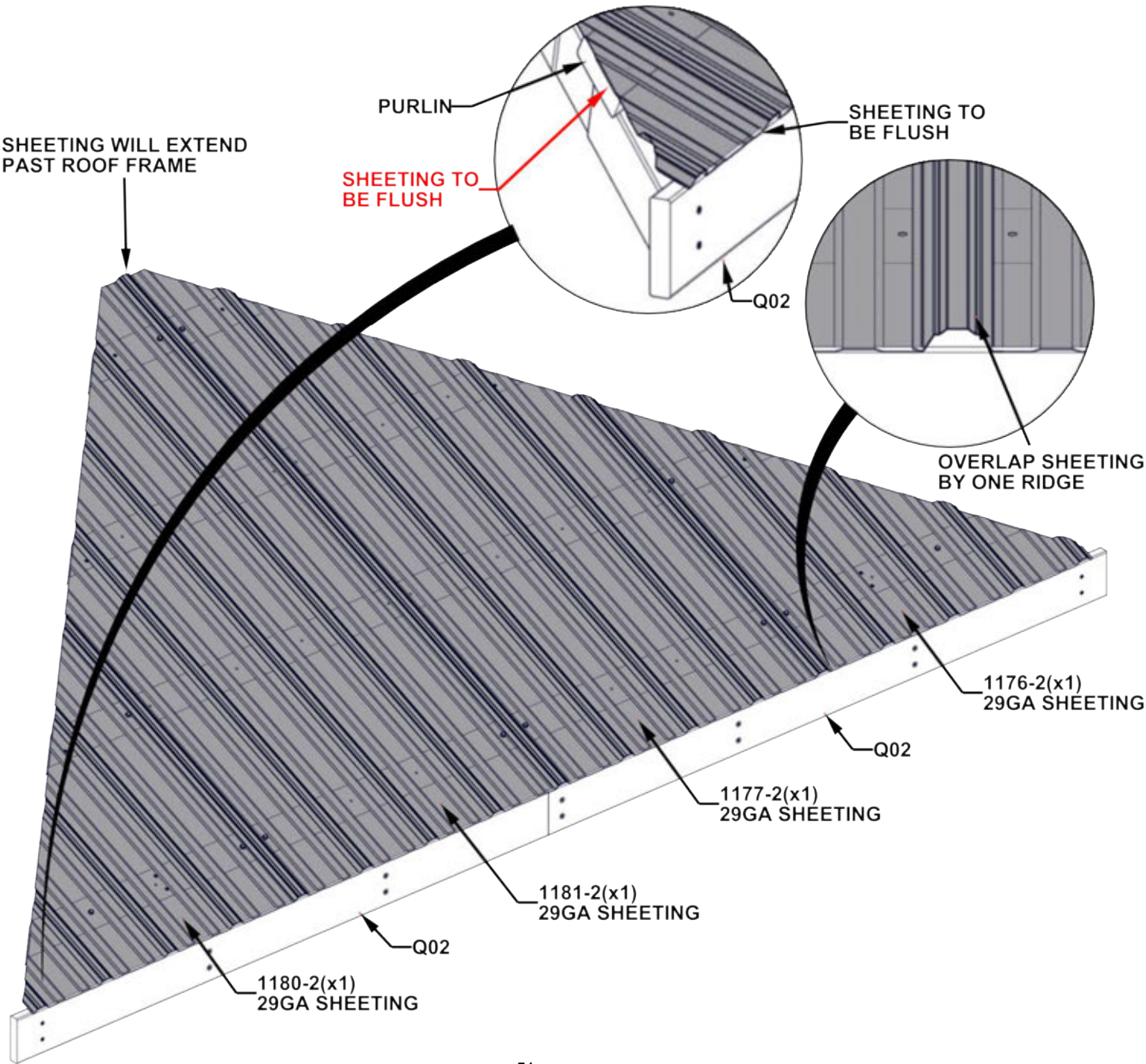


| QTY | PART NUMBER | DESCRIPTION |
|-----|-------------|---------------------------|
| 12 | H100833 | SCREW WOODGRIP 10-16x3/4" |

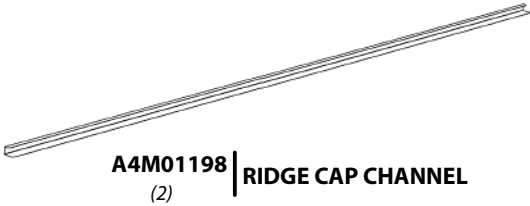
TIPS:

- 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

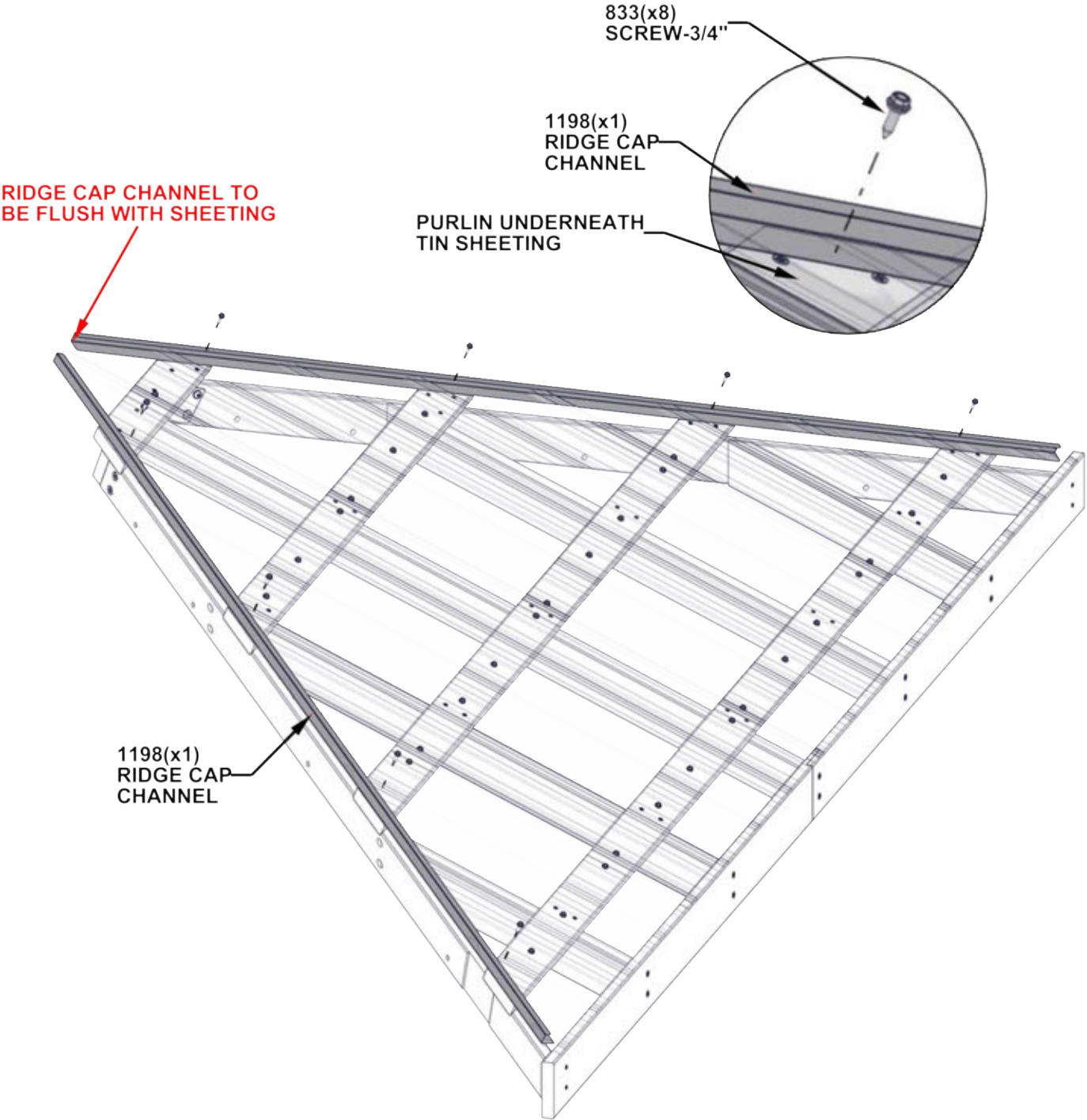


STEP 28 - 10FT ROOF PANEL ASSEMBLY



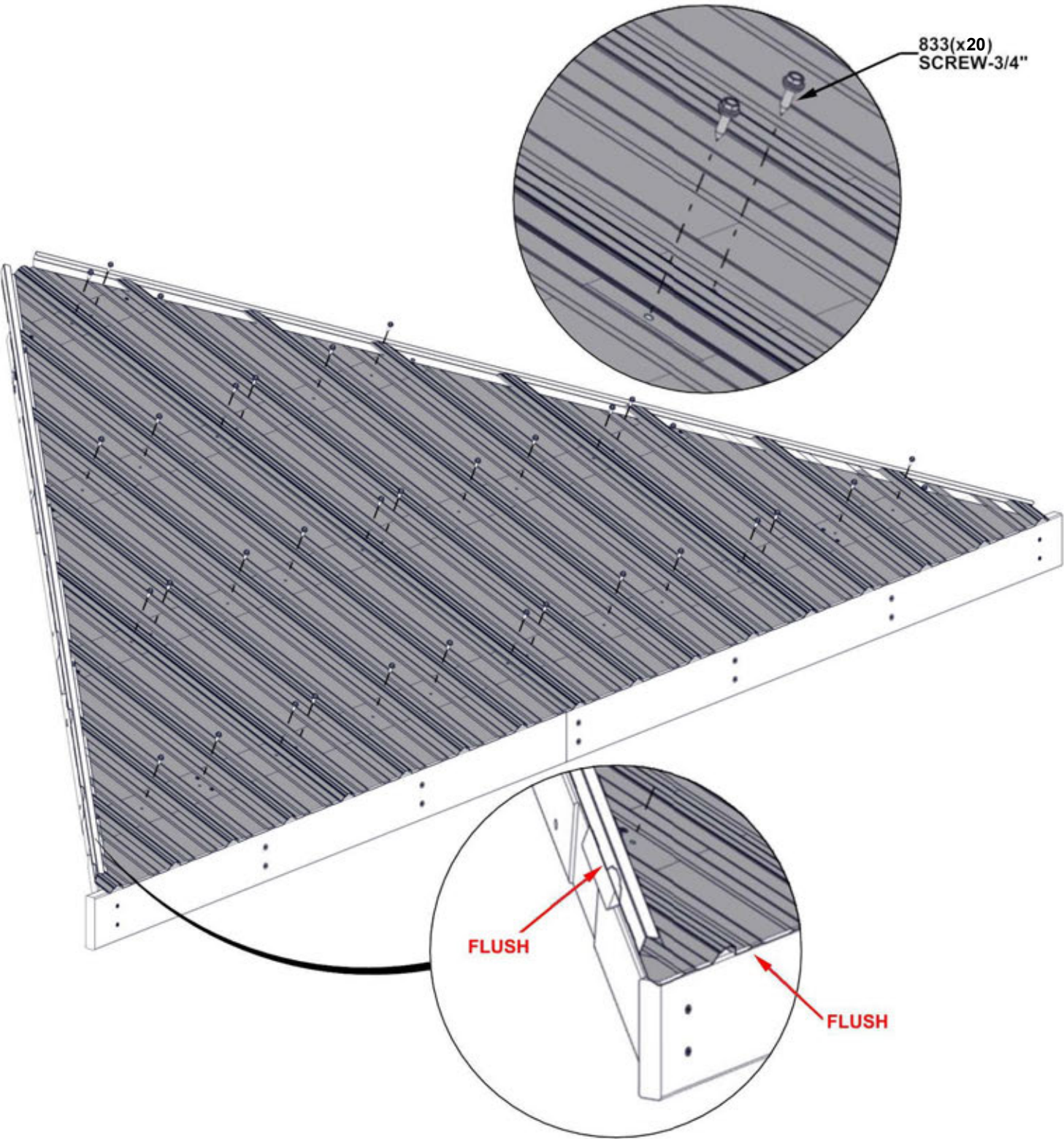
| QTY | PART NUMBER | DESCRIPTION |
|-----|-------------|---------------------------|
| 8 | H100833 | SCREW WOODGRIP 10-16x3/4" |

- 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" |



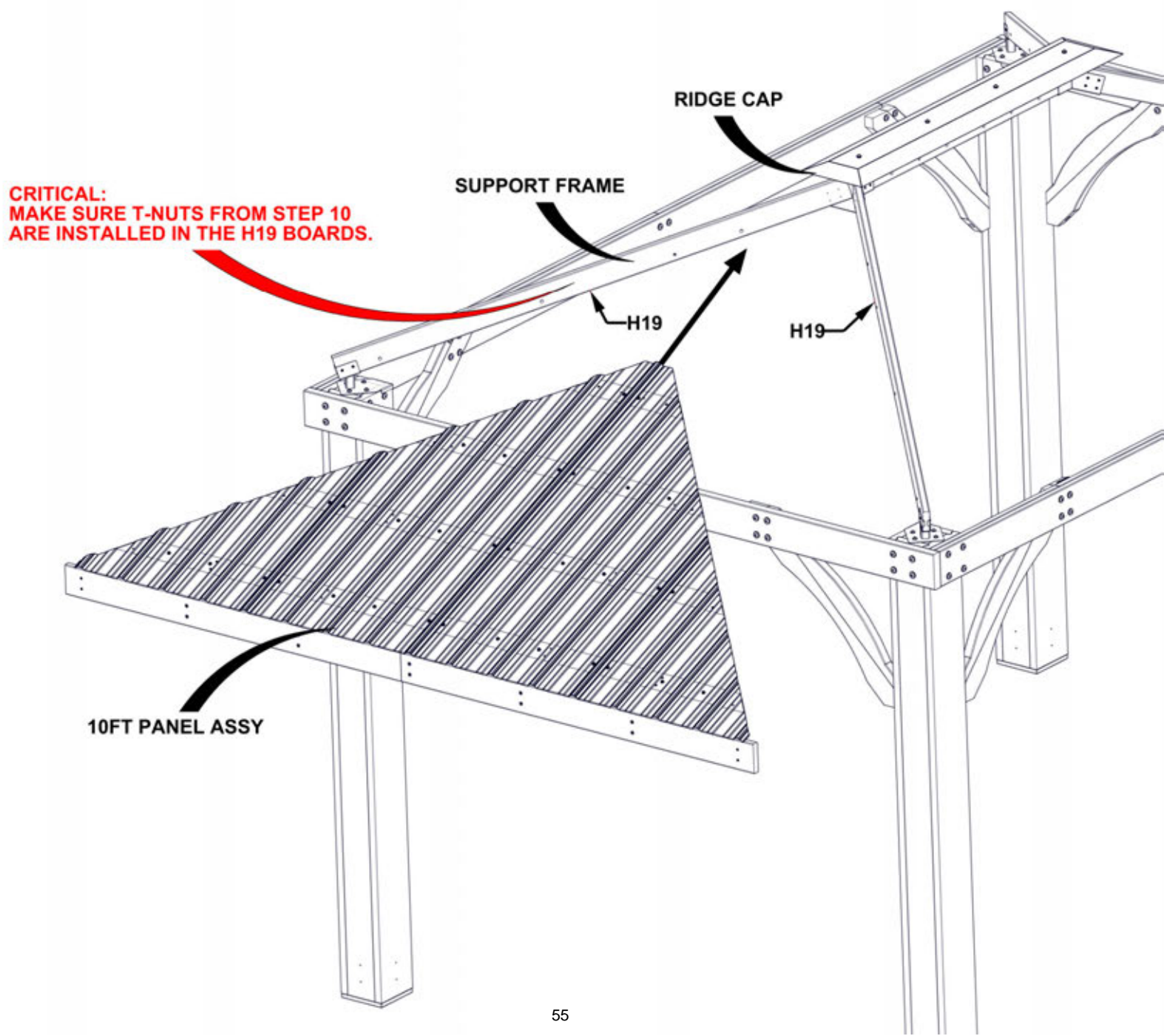
**REPEAT 10FT ROOF PANEL
ASSEMBLY STEPS 22 THROUGH 29**

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

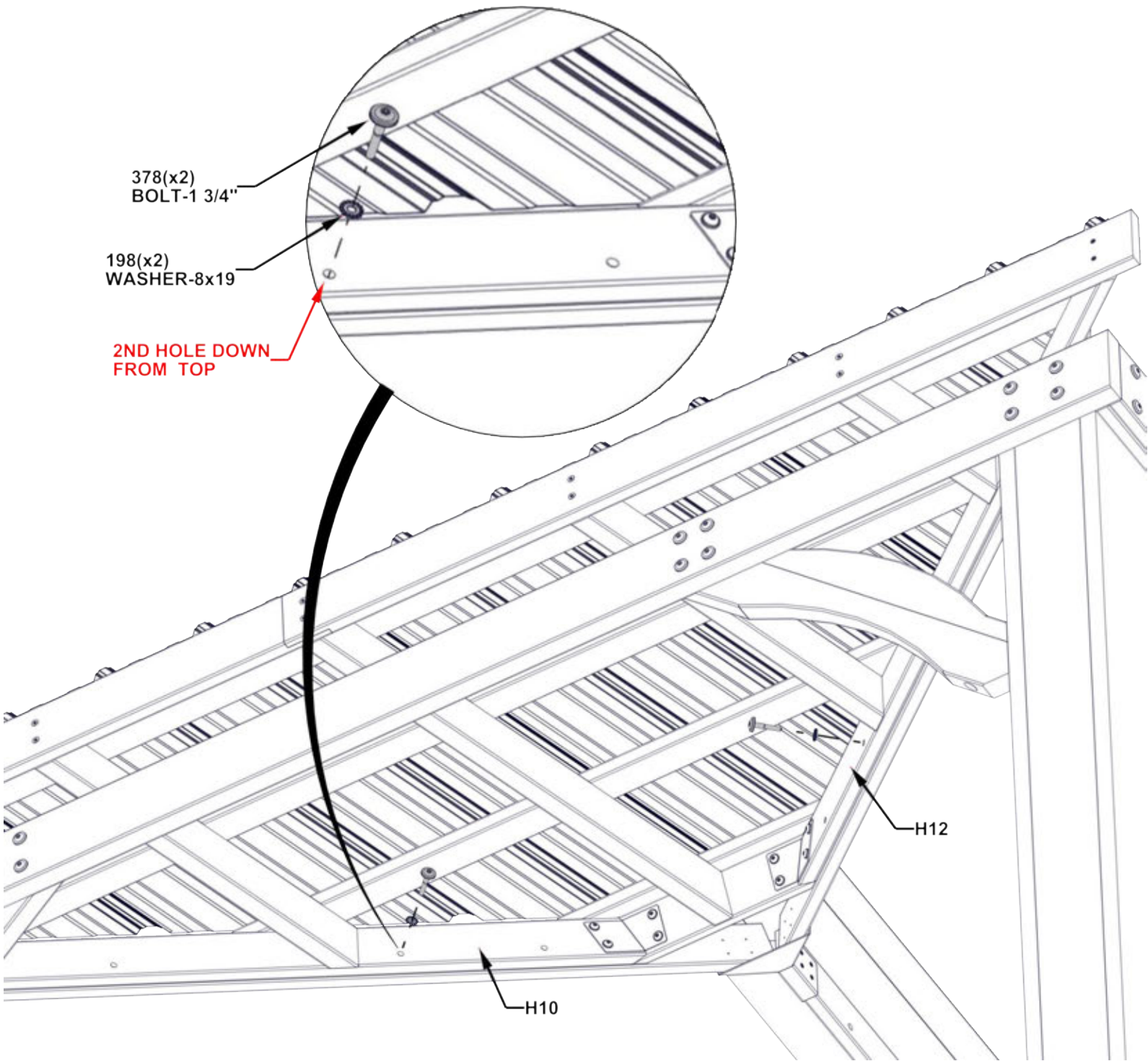


STEP 31 - 10FT ROOF PANEL ATTACHMENT

| 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



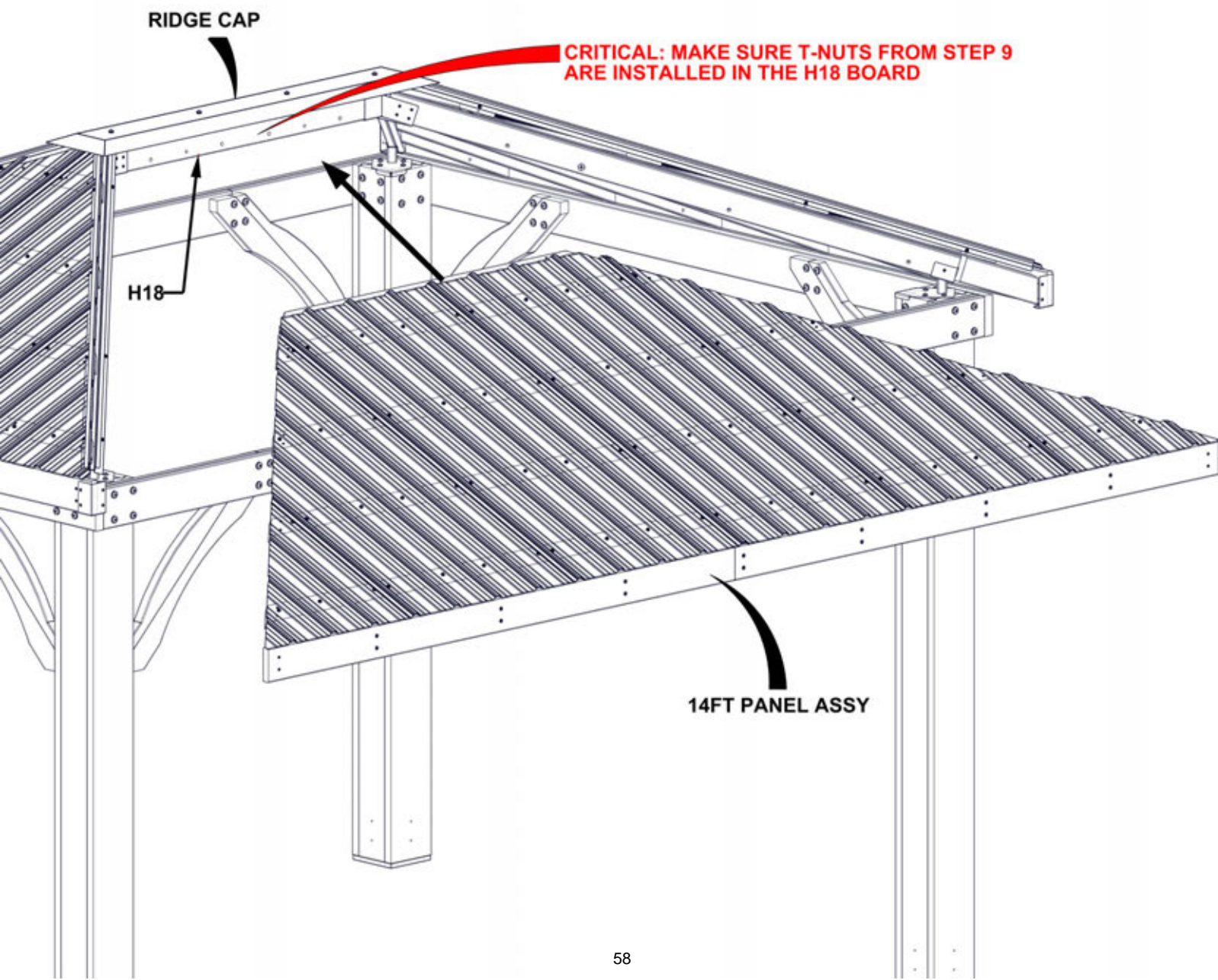
**REPEAT 10FT ROOF PANEL INSTALLATION
STEPS 30 & 31**

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

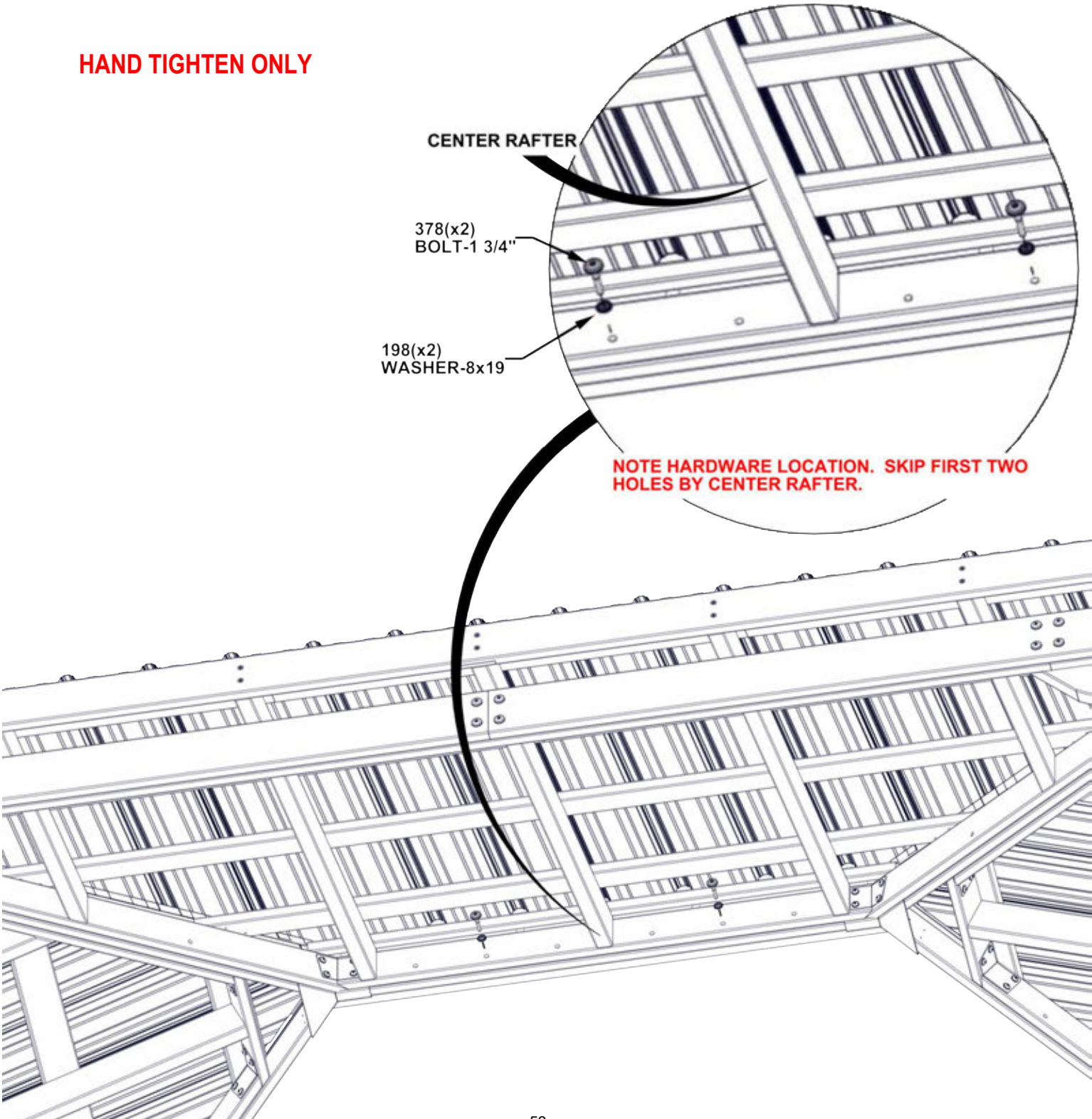


STEP 33 - 14FT ROOF PANEL ATTACHMENT

| 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

415(x4)
BOLT-3 3/4"

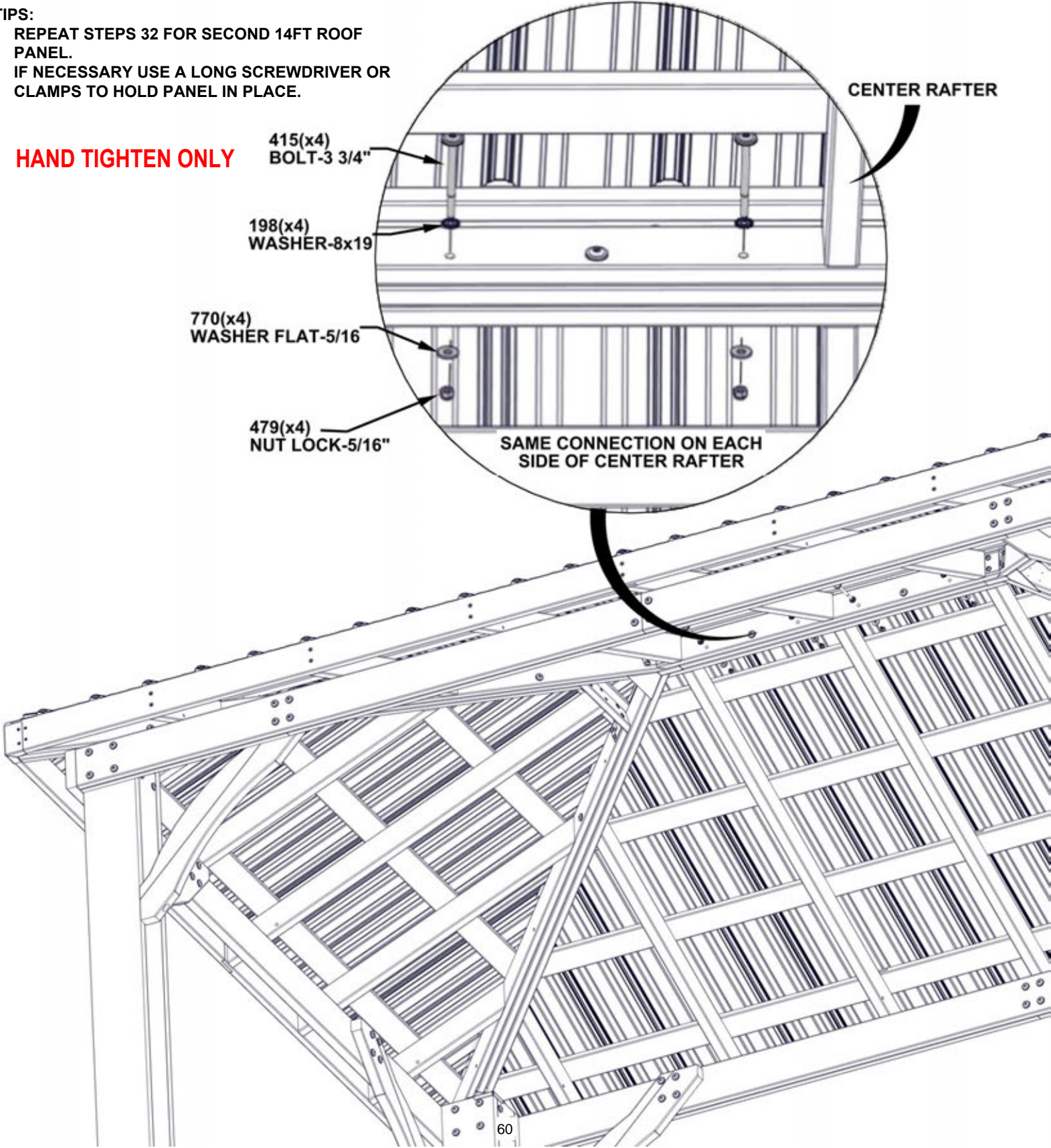
198(x4)
WASHER-8x19

770(x4)
WASHER FLAT-5/16

479(x4)
NUT LOCK-5/16"

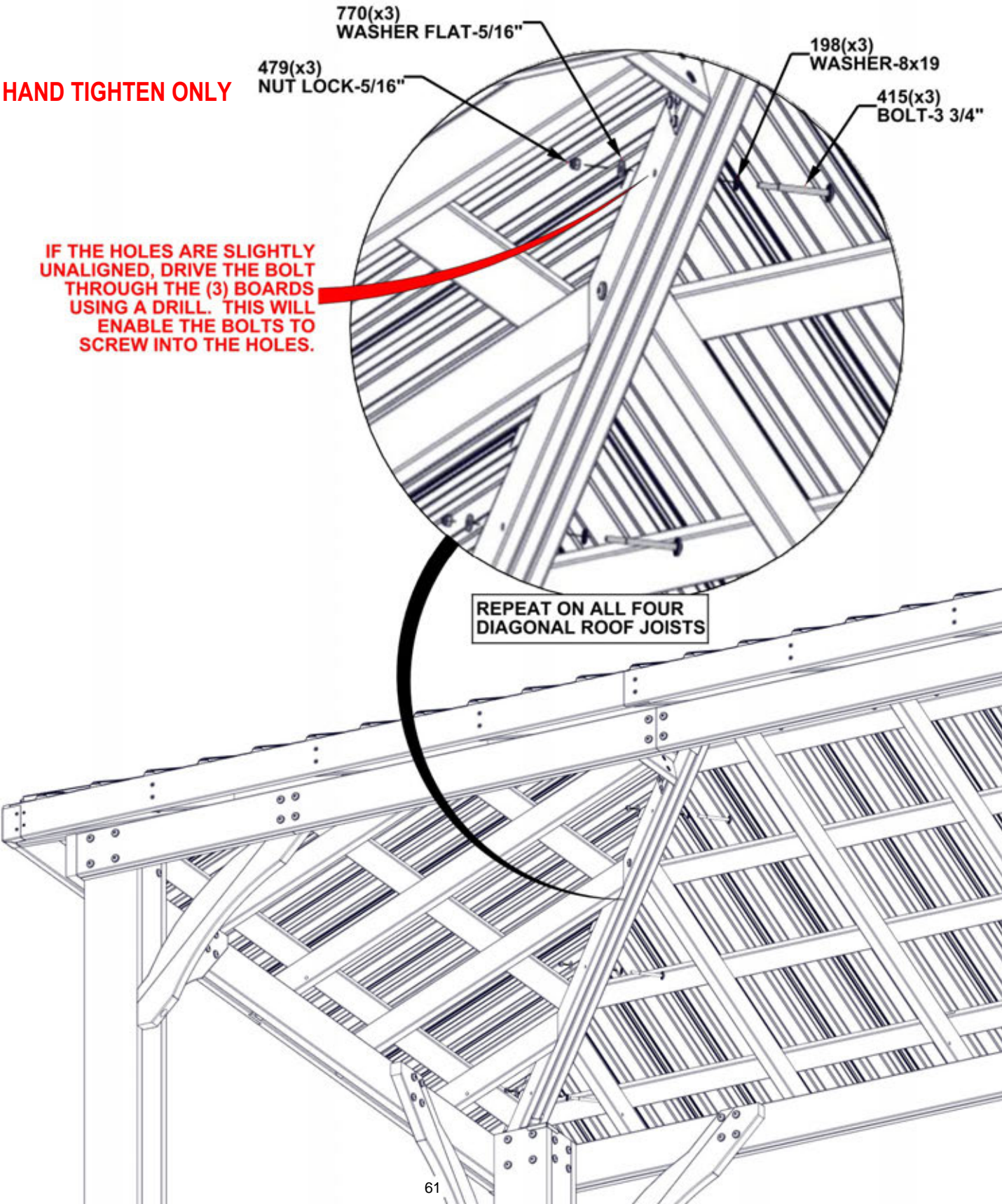
CENTER RAFTER

SAME CONNECTION ON EACH
SIDE OF CENTER RAFTER



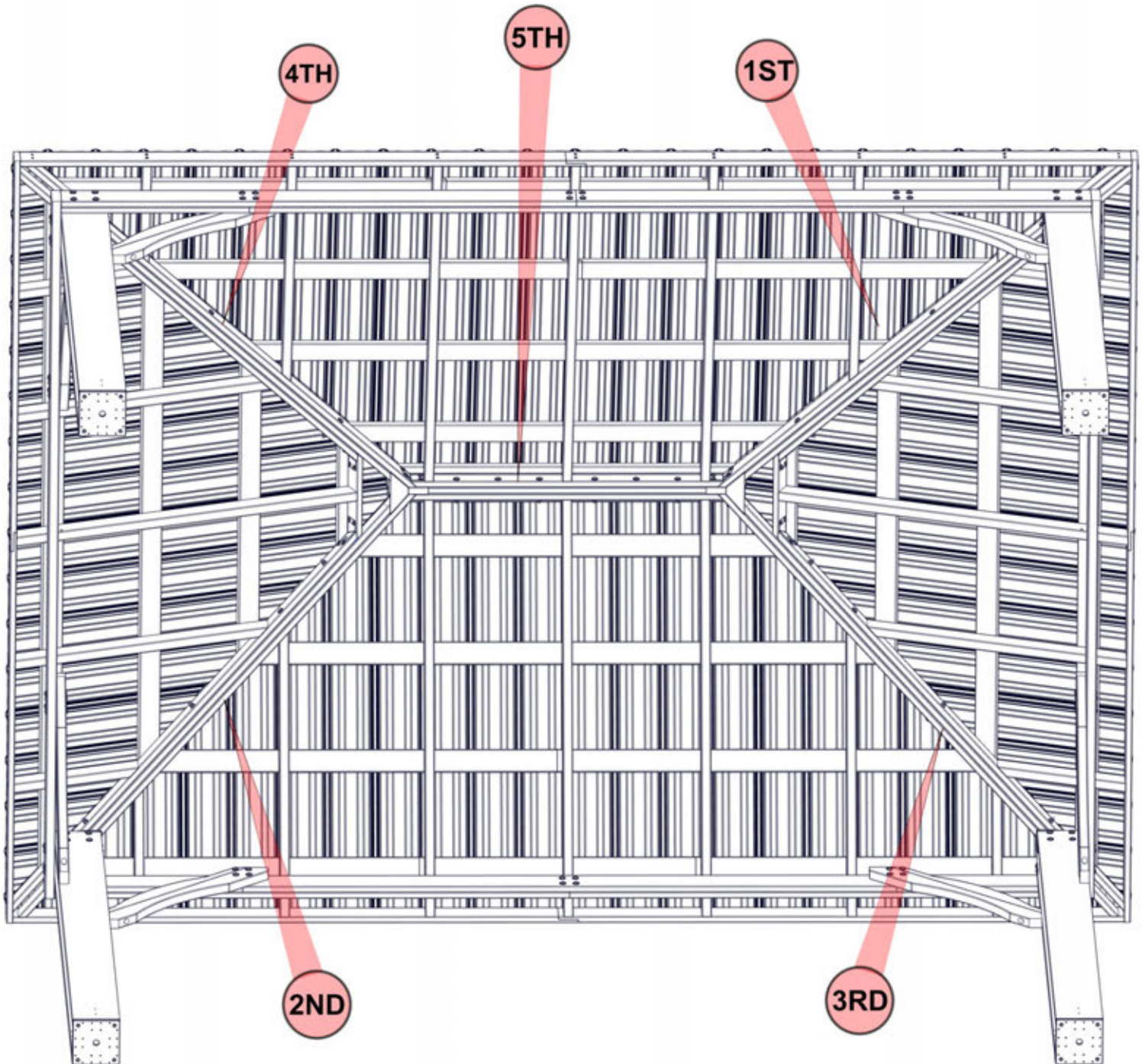
STEP 34B - ROOF PANEL ATTACHMENT

| 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

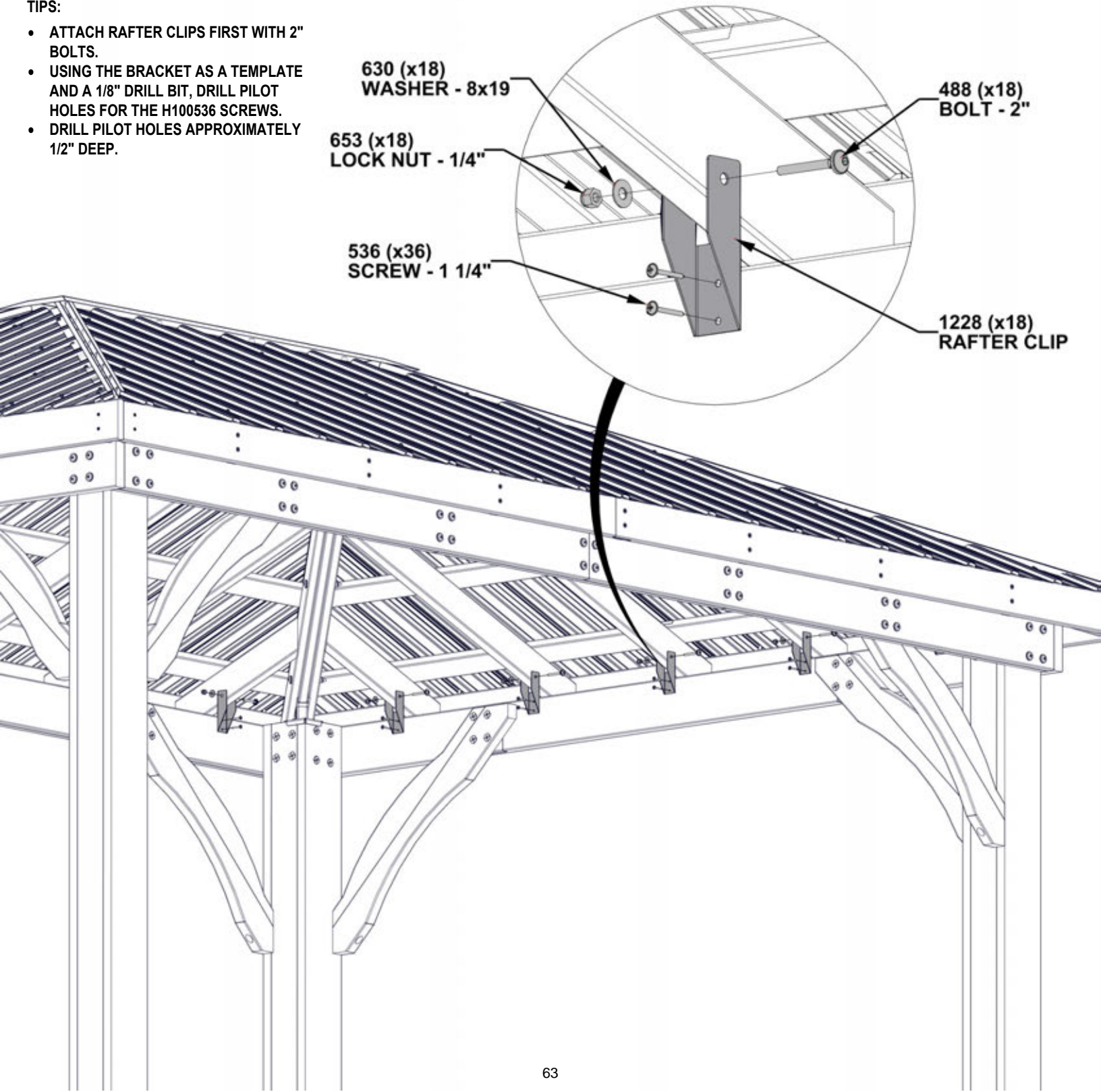
| QTY | PART NUMBER | DESCRIPTION |
|-----|-------------|-----------------------|
| 18 | H100630 | WASHER FLAT 8x19 BLK |
| 36 | H100536 | SCREW PWH 8x1 1/4 BLK |
| 18 | H100653 | NUT LOCK 1/4 BLK |
| 18 | H100488 | BOLT WH 1/4x2 BLK |



A4M01228
(18) RAFTER CLIP

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.



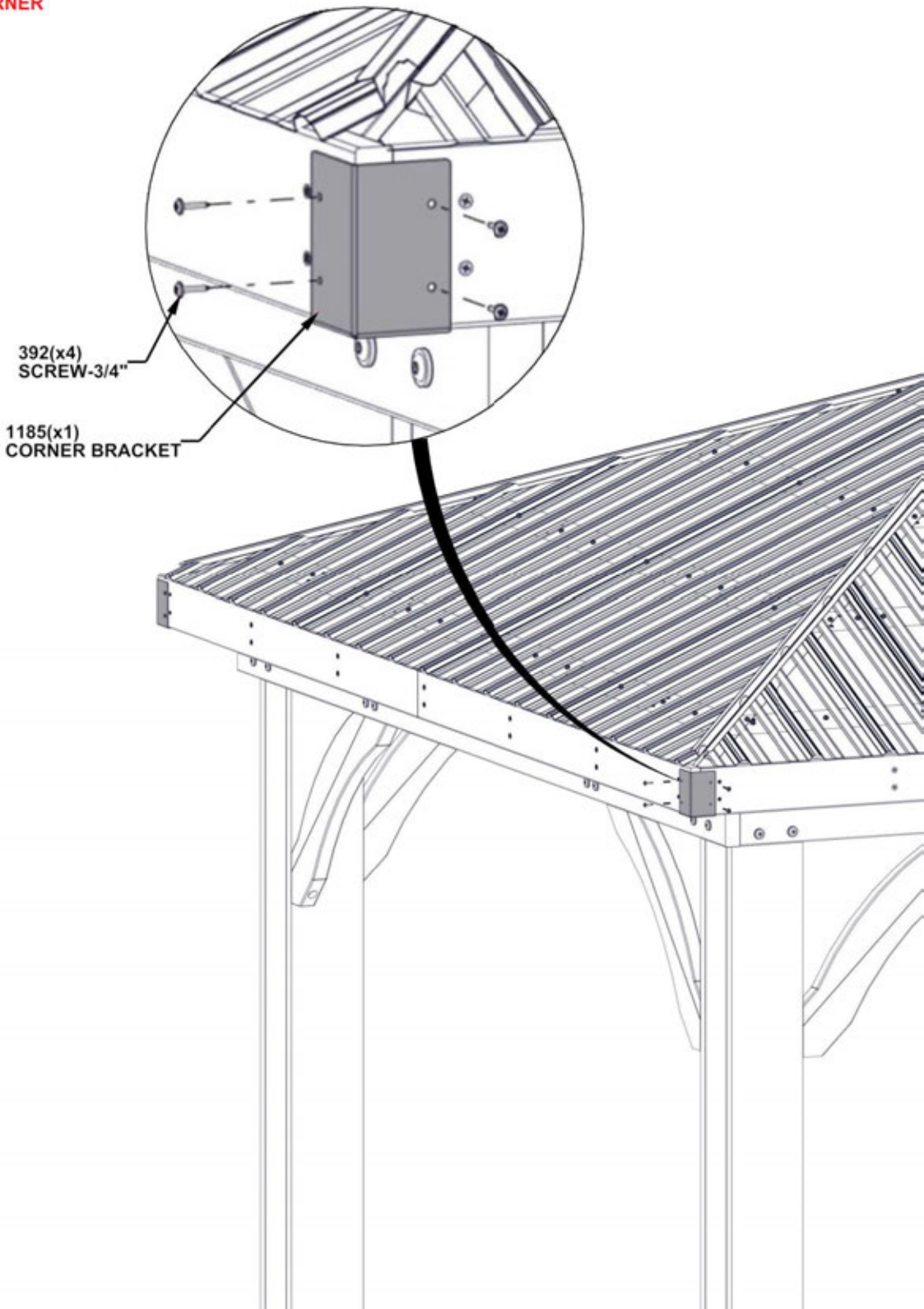
STEP 37 - ROOF ASSEMBLY



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

A4M01185
(4) CORNER BRACKET

REPEAT ON EACH CORNER



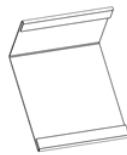
STEP 38 - 14FT ROOF TRIM



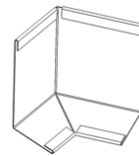
A4M01200 | EDGE TRIM LONG
(4)



A4M01203 | EDGE TRIM SHORT
(2)



A4M01201 | EDGE TRIM SPLICE
(4)

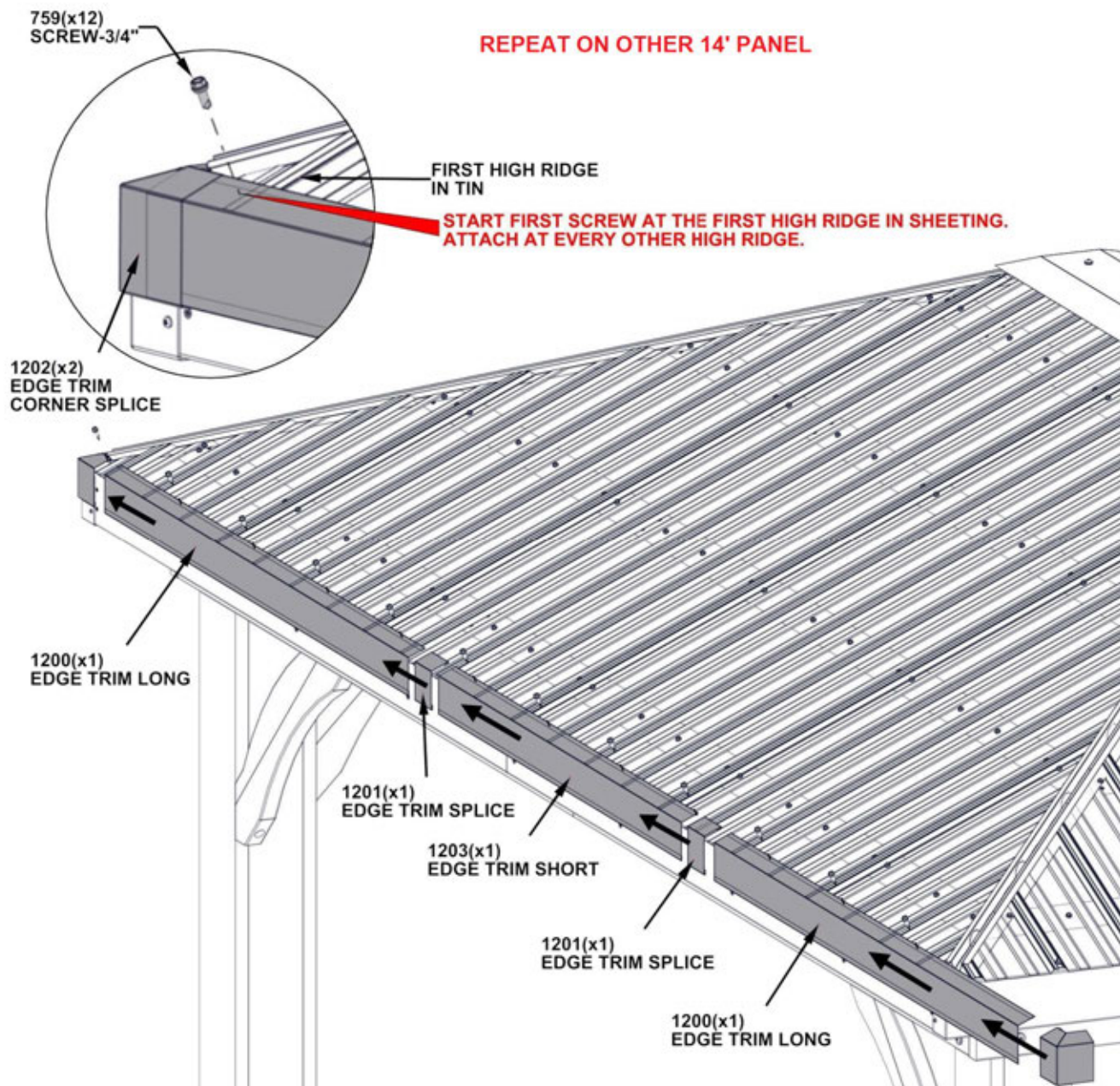


A4M01202 | EDGE TRIM CORNER SPLICE
(4)

| 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



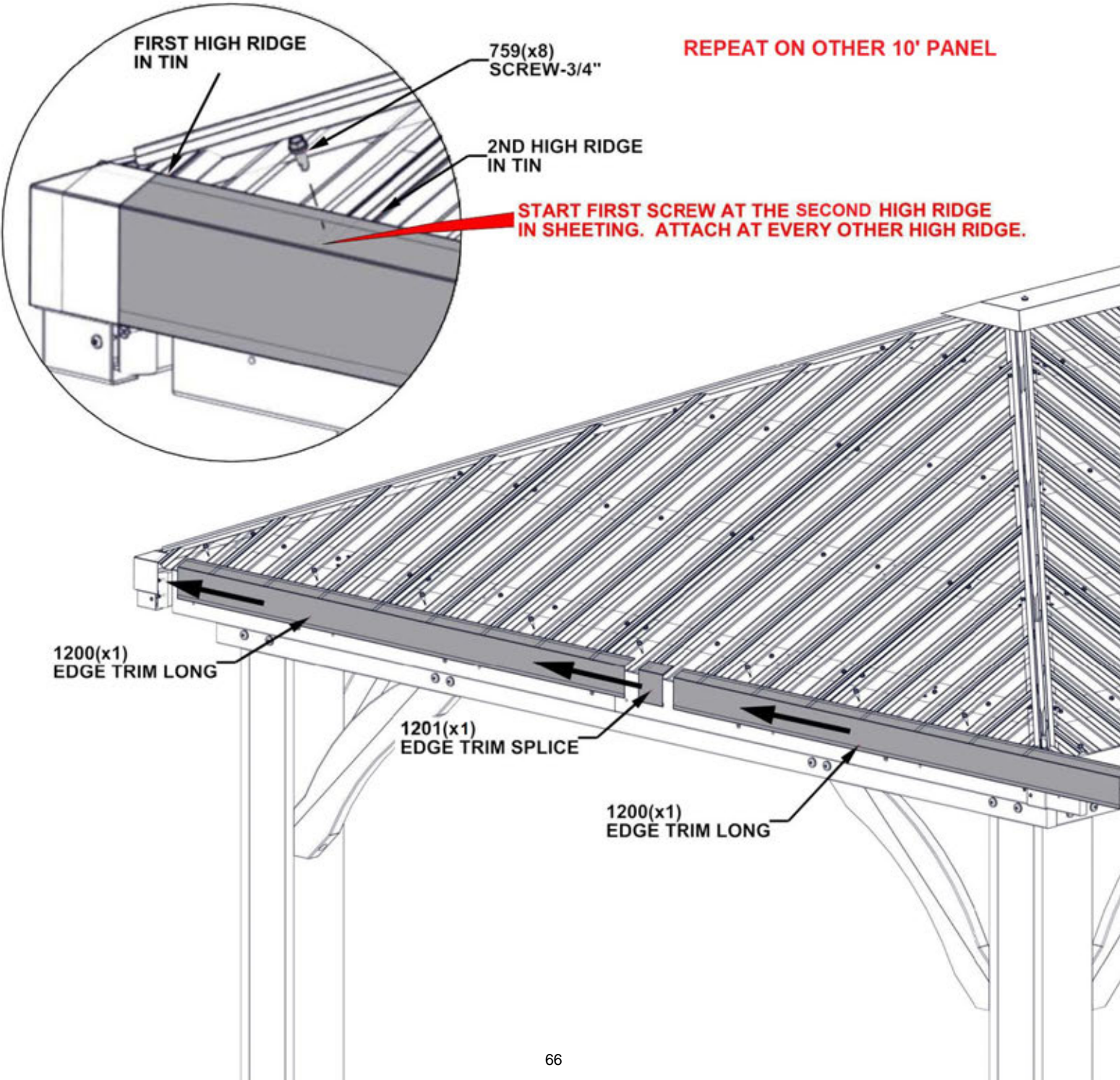
A4M01201
(2) | EDGE TRIM SPLICE



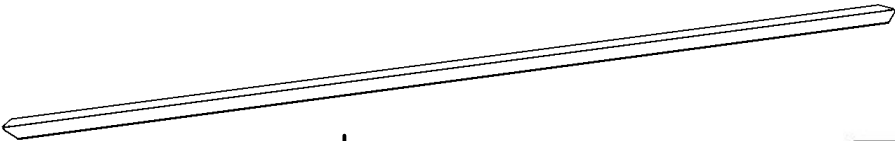
A4M01200
(4) | EDGE TRIM LONG

| 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.



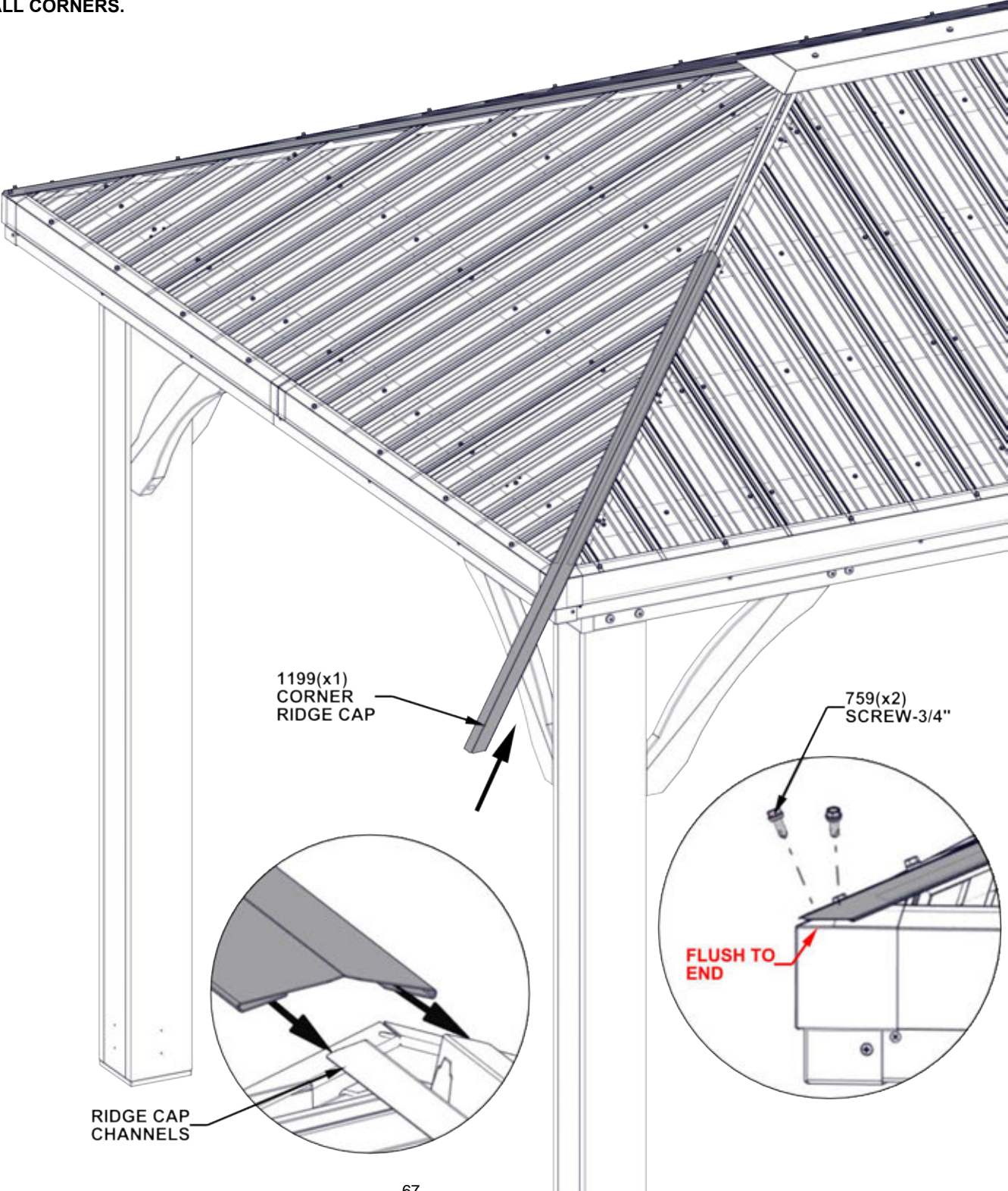
STEP 40 - ROOF ASSEMBLY



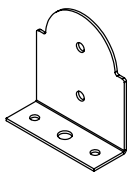
A4M01199 | CORNER RIDGE CAP
(4)

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

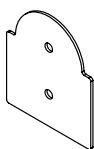
- TIPS:
- SLIDE CORNER RIDGE CAP ONTO ROOF RIDGE CAP CHANNEL AS SHOWN.
 - DO NOT PUSH ALL THE WAY TO THE TOP. FLUSH WITH CORNER OF GAZEBO AS SHOWN.
 - REPEAT ON ALL CORNERS.



STEP 41 - GAZEBO ASSEMBLY



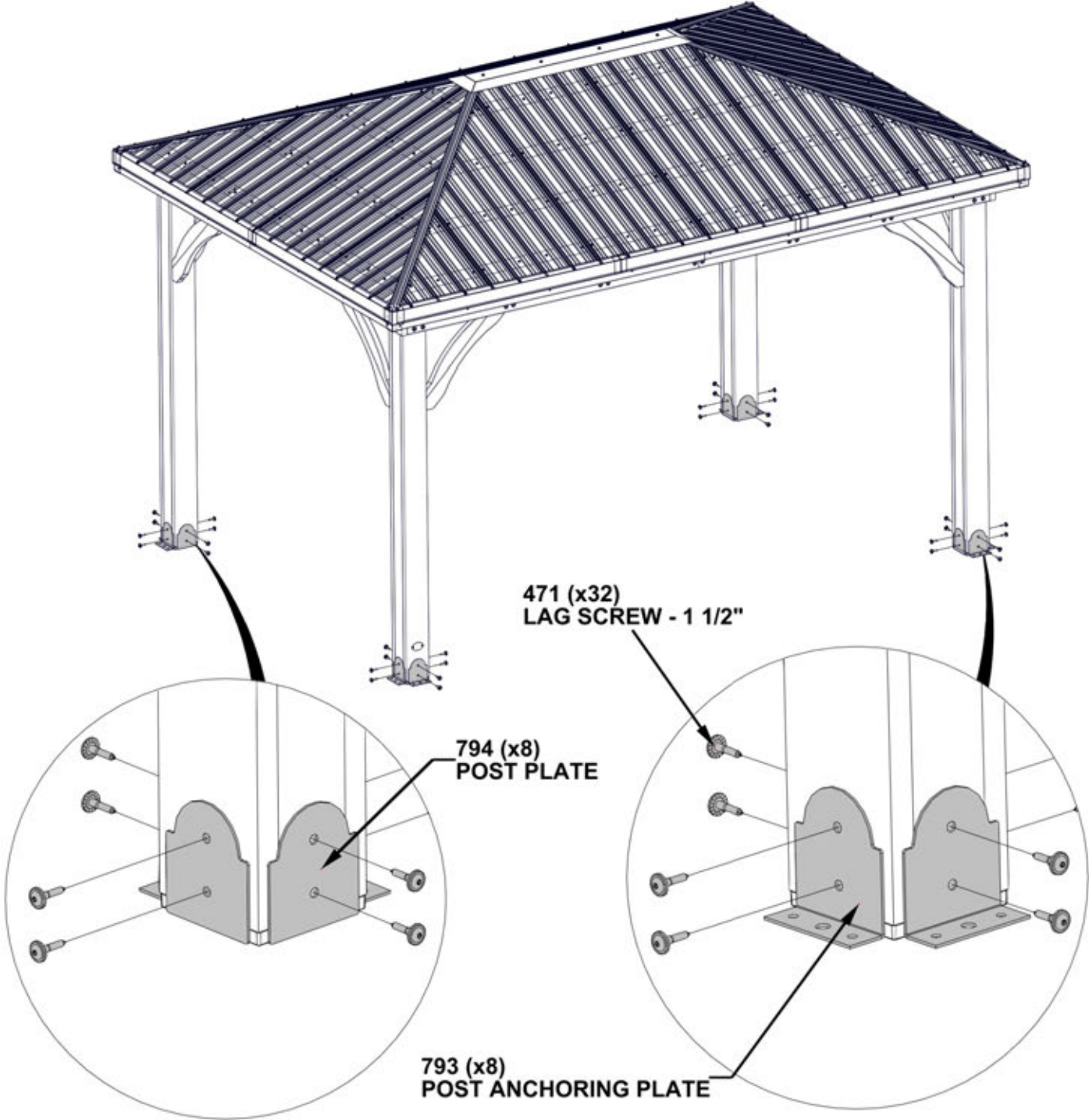
A4M01793
(x8) POST ANCHOR PLATE



A4M01794
(x8) POST PLATE

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

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.

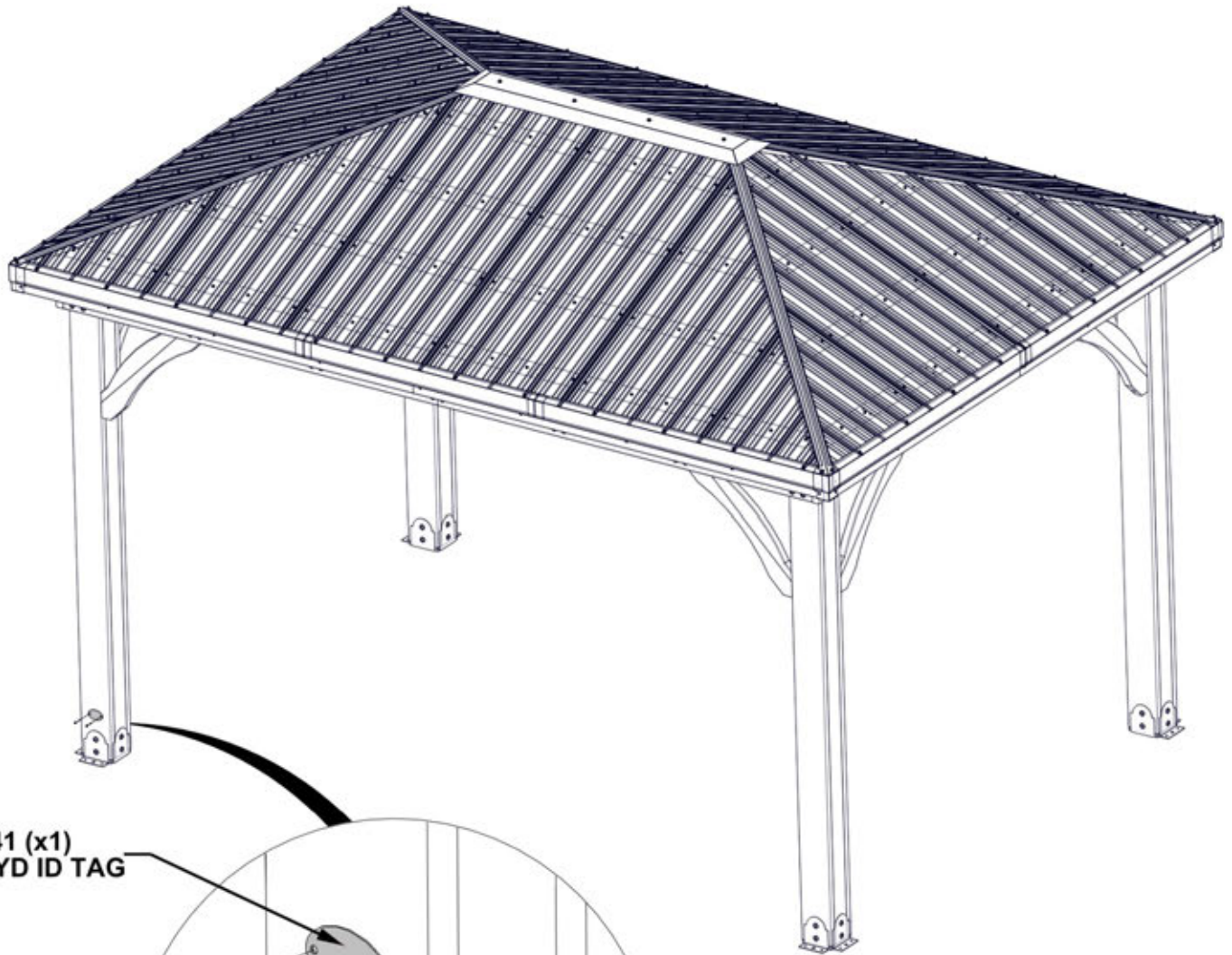


STEP 42 - GAZEBO ASSEMBLY



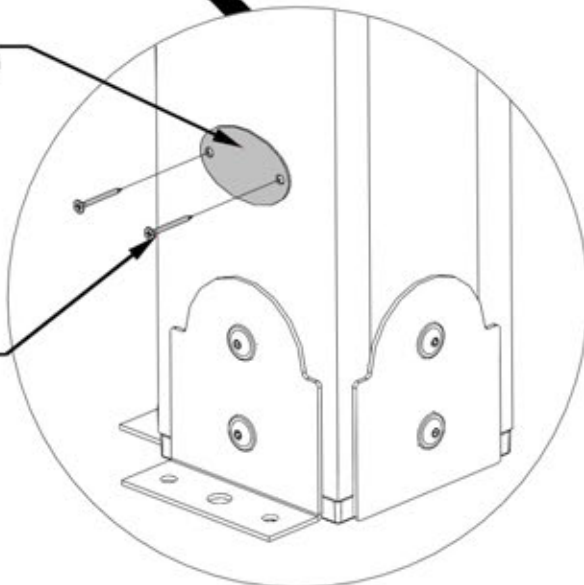
A100241
(1) BYD ID TAG
(SMALL)
WITHOUT AGES

| 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"

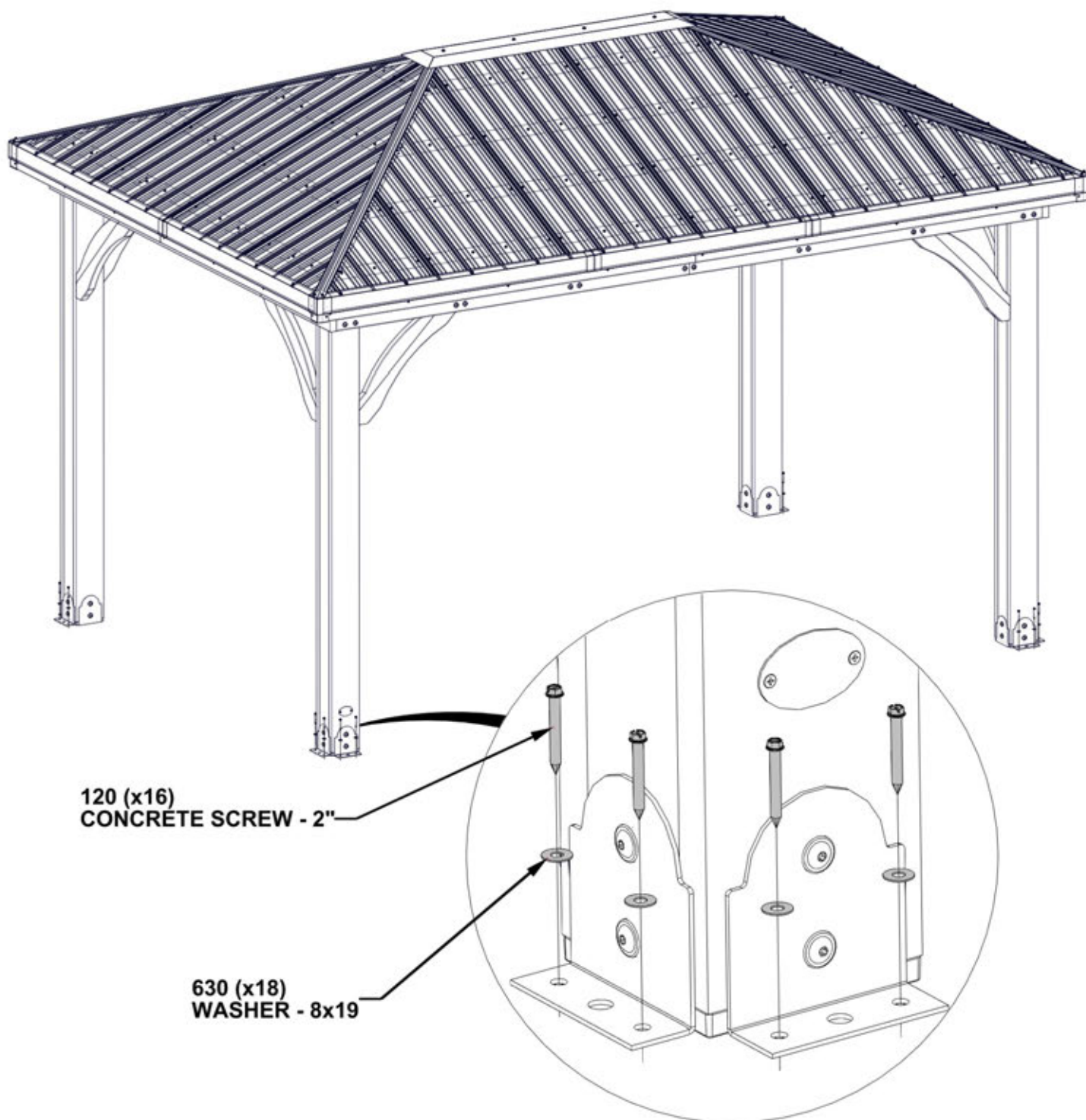


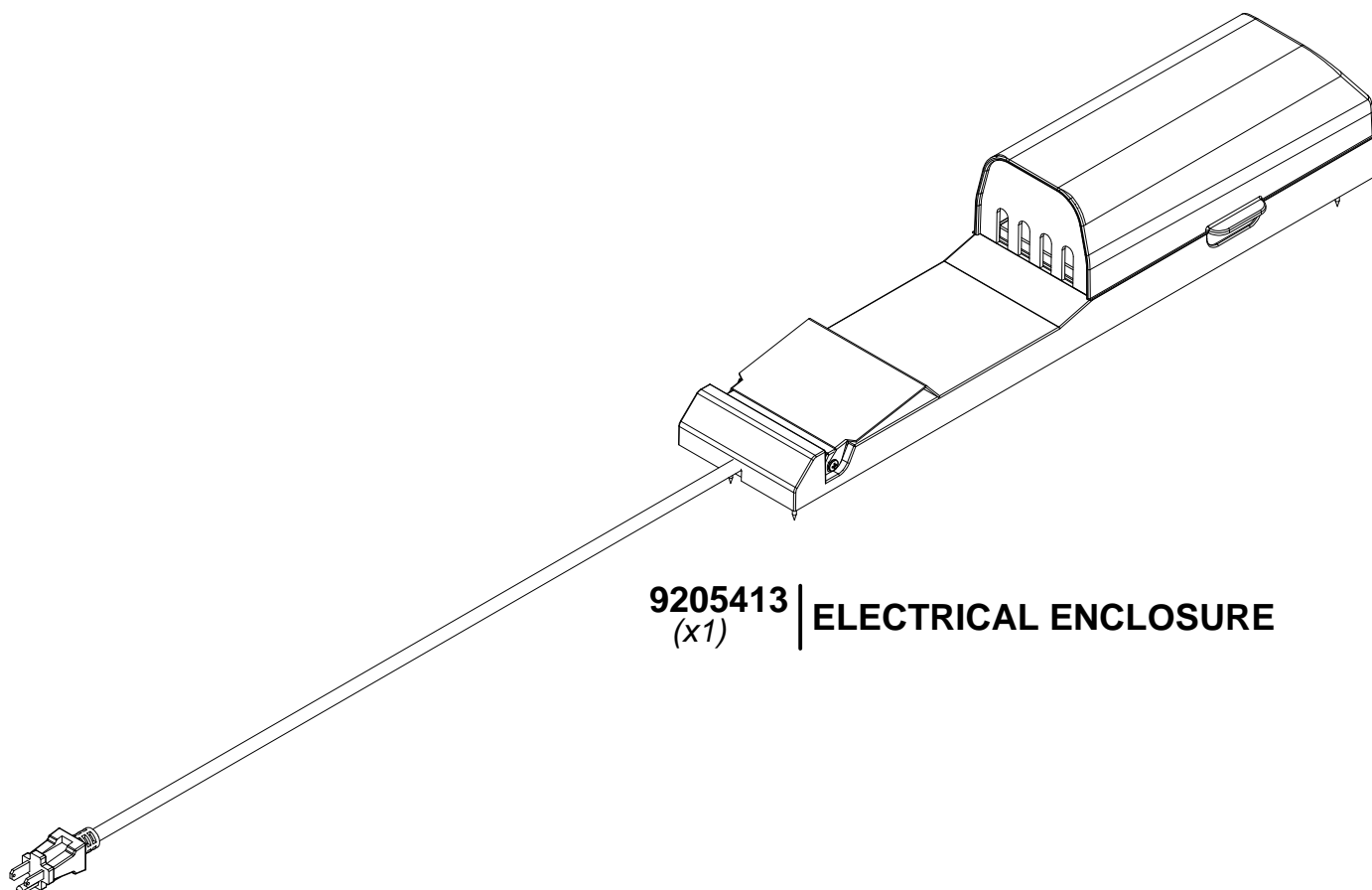
STEP 43 - GAZEBO ASSEMBLY

| 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
(x1) | **ELECTRICAL ENCLOSURE**

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.