

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:

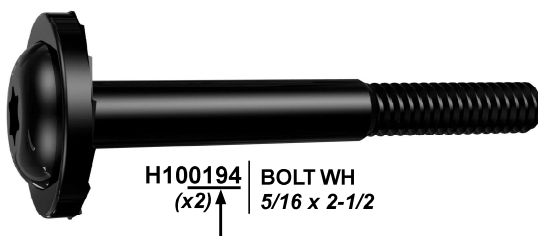
- Organize wood parts by the three-digit, alpha-numeric number stamped on each board (ex. P01).
- If there are multiple boards with the same stamped number, stack those pieces together.
- Stamps can be found on the flat surface of the boards or on the end of the boards.
- Allow yourself plenty of room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



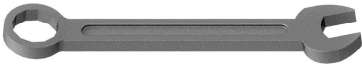
Phillips Screw Driver



Tape Measure



Claw Hammer



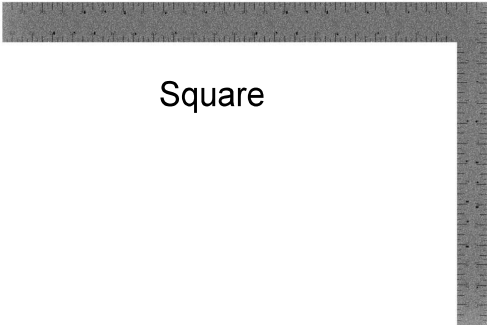
Open End
Wrenches 1/2" &
7/16"



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



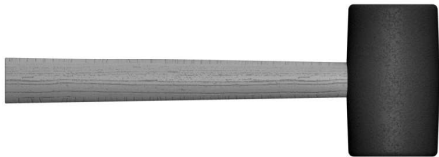
3/8 & 5/16" Nut Drivers



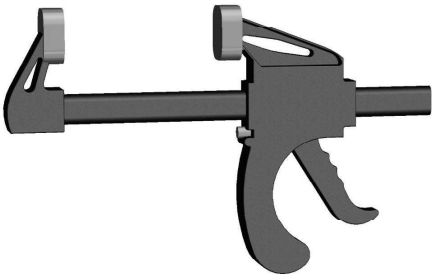
Square



Level 24"



Rubber Mallet -
Optional



A6P00460
(2) QUICK RELEASE
BAR CLAMP

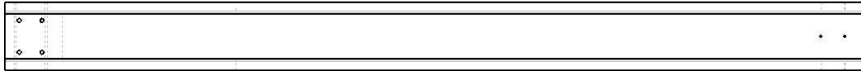
PRE-ASSEMBLY STEP 3 - CHOOSE YOUR ASSEMBLY METHOD

There are several types of assembly instructions available to you.

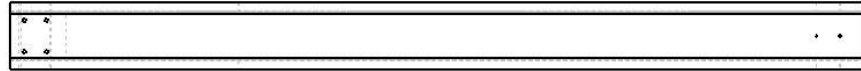
1. Printed Assembly Manual included with your set
2. BILT APP - 3D interactive instructions
3. Combination of the Printed Manual and BILT APP (Note: Step numbers can differ between the two methods)



STEP 1 - 12FT POST ASSEMBLY

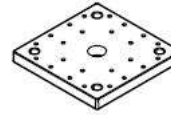


P01 | POST - W2A03202
(1) | 6"x6"x89 1/2" (152x152x2274)



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

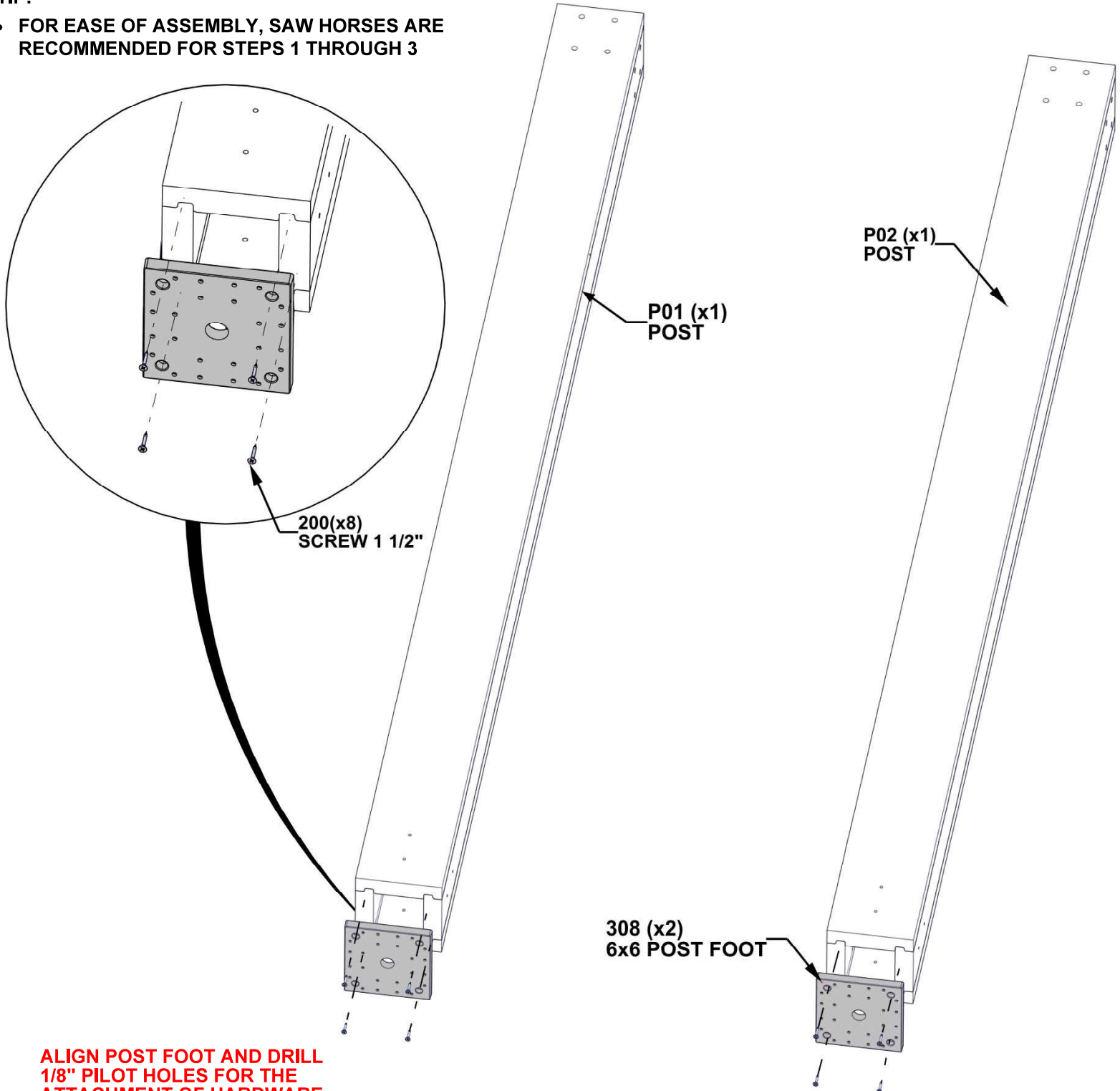
QTY.	PART NUMBER	DESCRIPTION
8	H100200	SCREW PFH 8x1 1/2" BLK



A6P00308 | 6x6 POST FOOT
(2)

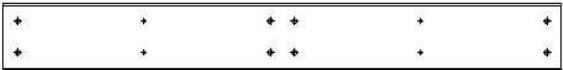
TIP:

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



STEP 2 - 12FT BEAM ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
8	H100198	WASHER LOCK EXT 8X19 BLK
8	H100195	BOLT WH 5/16x2 3/4 BLK
8	H100379	T-NUT 5/16" BLK



D05 | BEAM - W4L15240
(1) | 1 3/8"x5 1/4"x77" (36x134x1150)

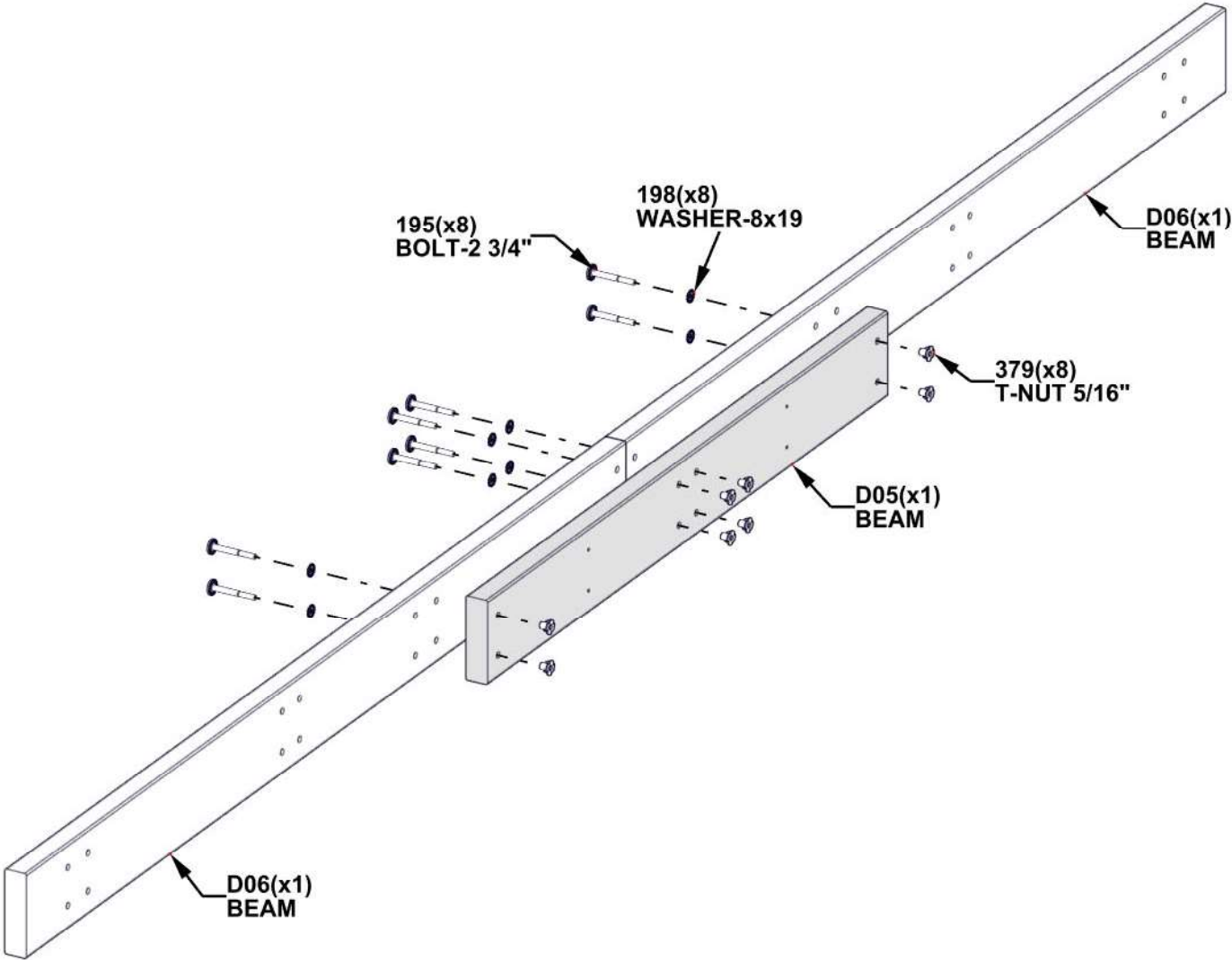


D06 | BEAM - W4L15241
(2) | 1 3/8"x5 1/4"x67 13/16" (36x134x1723)

INSERT T-NUTS FIRST

TIP:

- SAW DUST CAN BE LEFT BEHIND IN BOLT HOLES. IF YOU HAVE TROUBLE WITH BOLTS ENGAGING, USE A LONG SCREWDRIVER TO REMOVE THE DEBRIS.



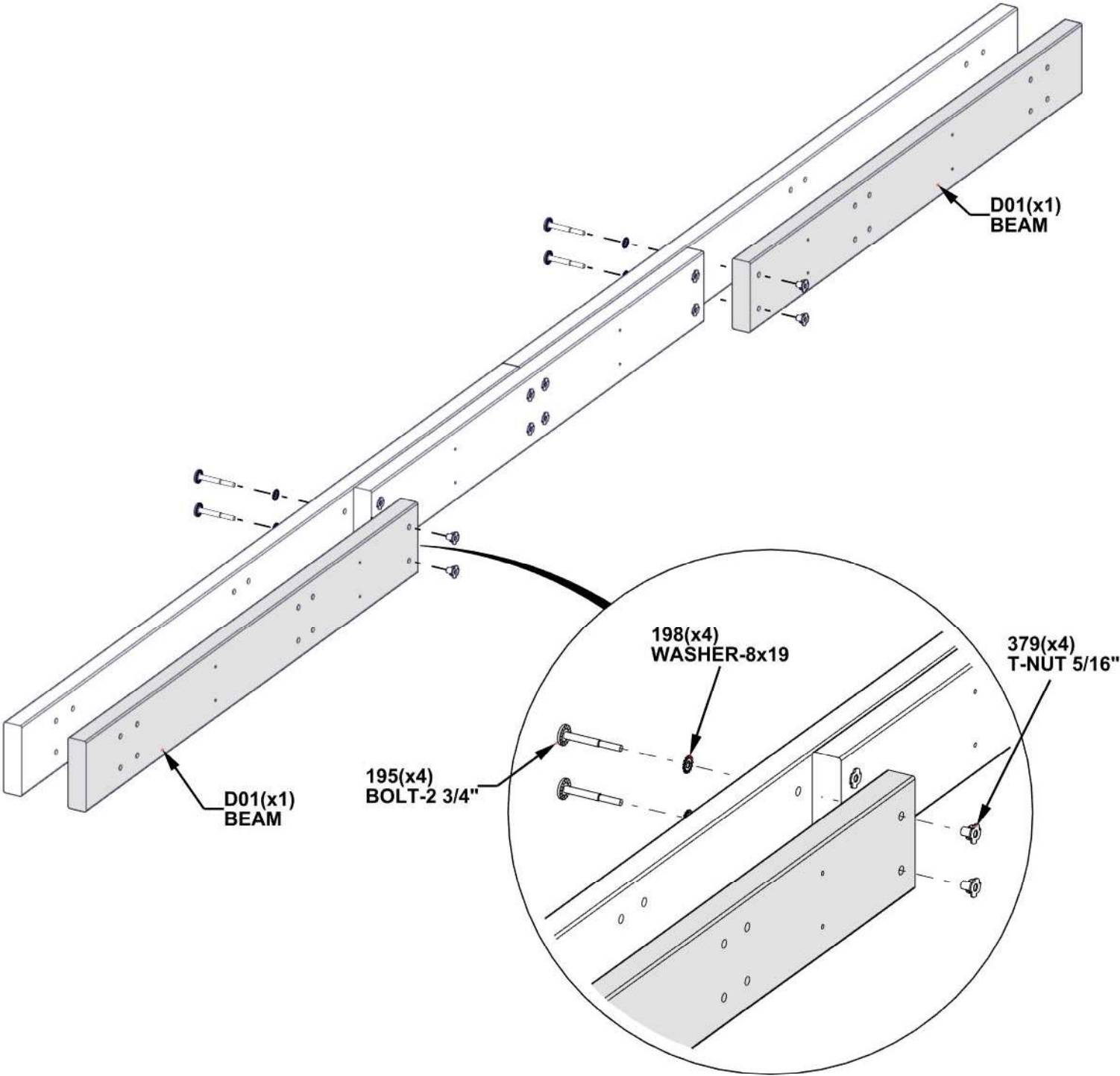
STEP 3 - 12FT BEAM ASSEMBLY



D01 | **BEAM-W4L15192**
(2) | 1 3/8"x5 1/4"x45 3/16" (36x134x1148)

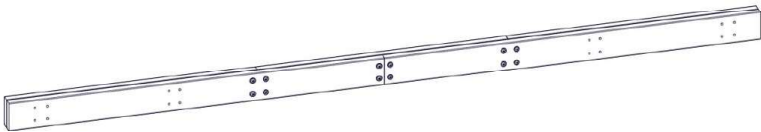
QTY	PART NUMBER	DESCRIPTION
4	H100198	WASHER LOCK EXT 8X19 BLK
4	H100195	BOLT WH 5/16x2 3/4 BLK
4	H100379	T-NUT 5/16" BLK

INSERT T-NUTS FIRST

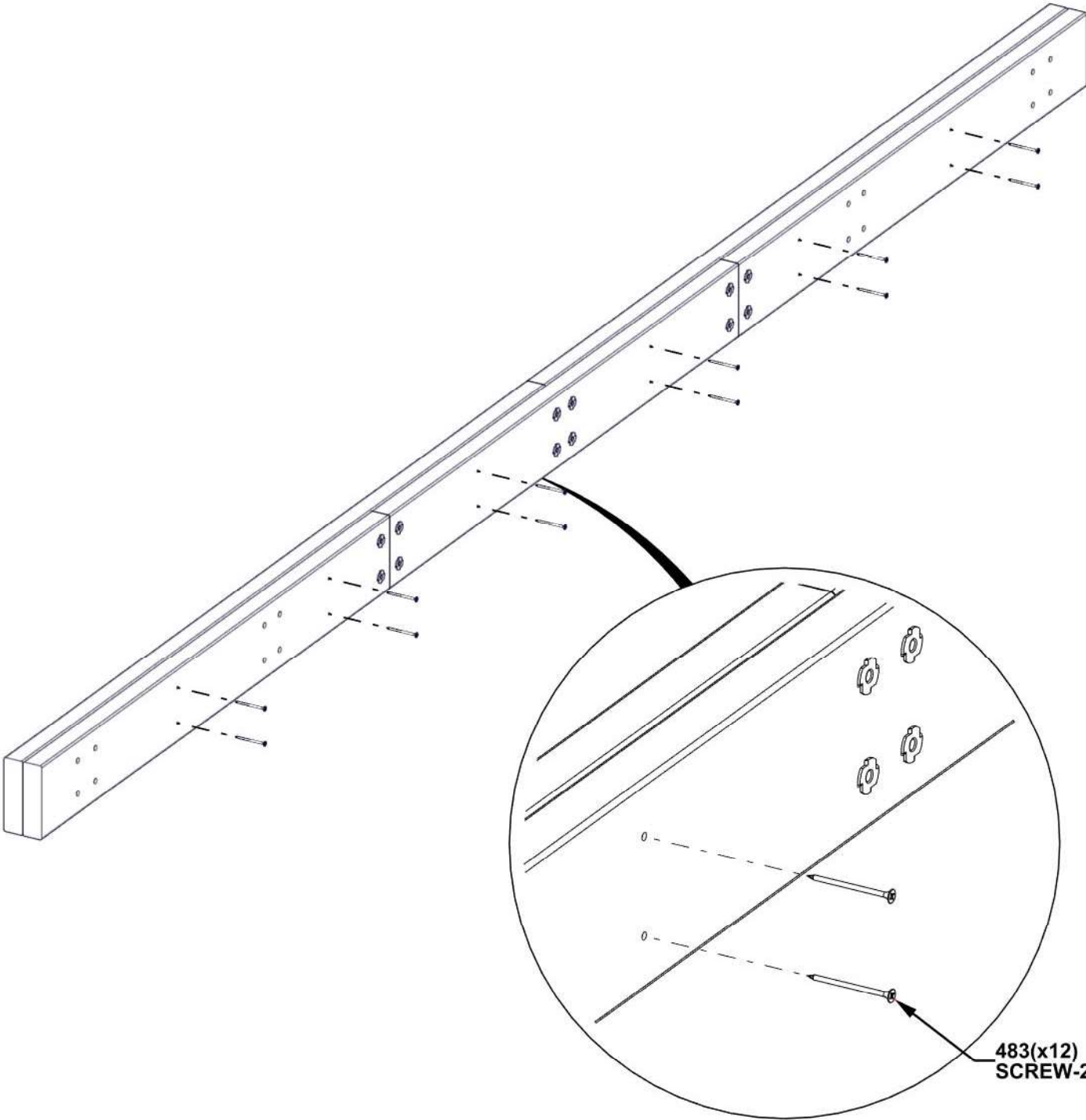


STEP 4 - 12FT BEAM ASSEMBLY

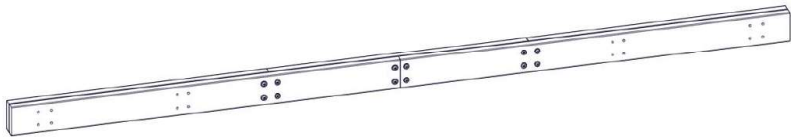
QTY	PART NUMBER	DESCRIPTION
12	H100483	SCREW PFH 8x2 1/4 BLK



12 FT BEAM ASSEMBLY
FROM PREVIOUS STEPS



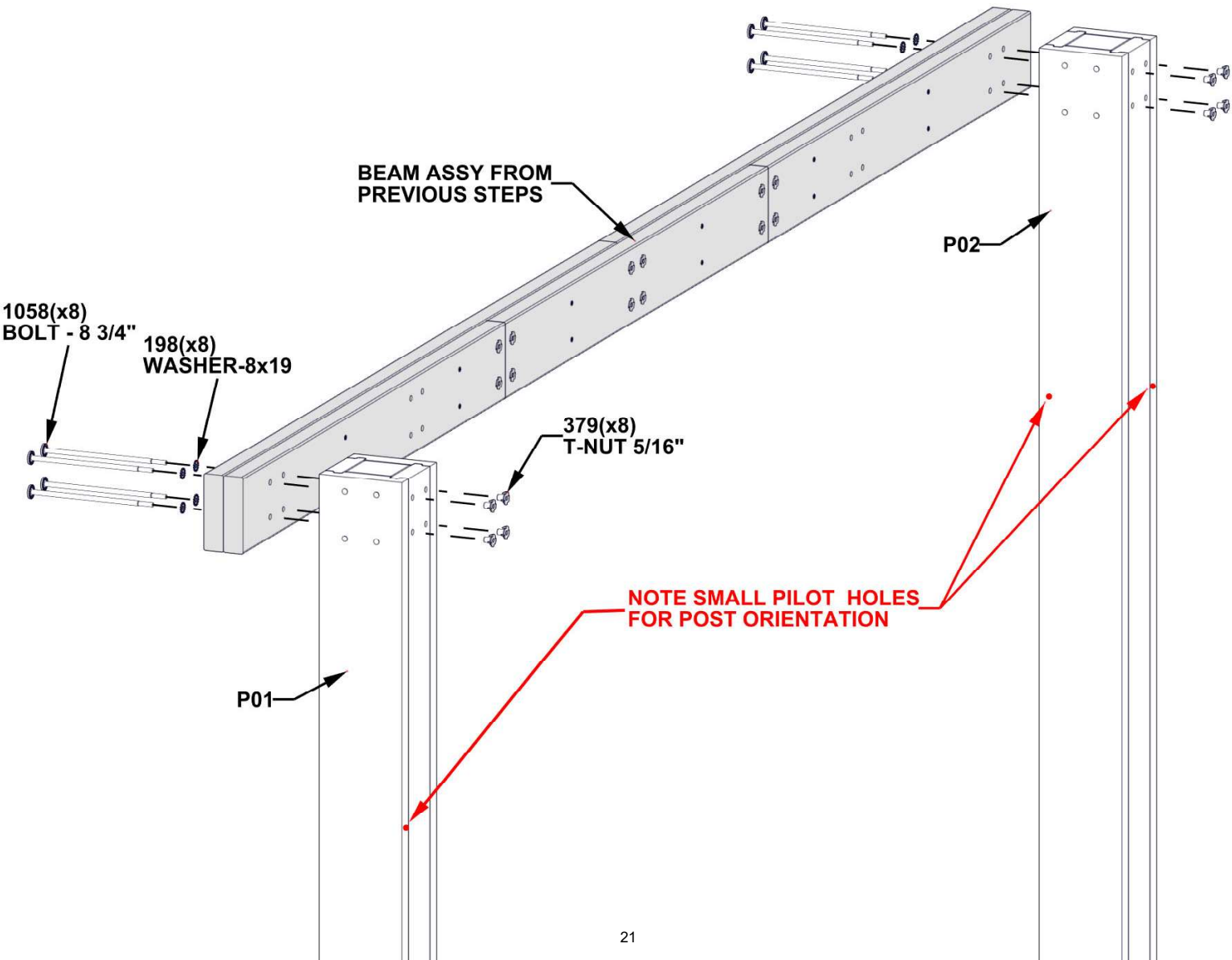
STEP 5 - 12FT BEAM ASSEMBLY



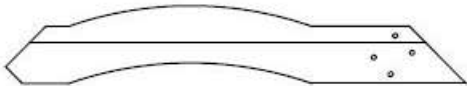
12FT BEAM ASSEMBLY FROM PREVIOUS STEPS

QTY	PART NUMBER	DESCRIPTION
8	H100198	WASHER LOCK EXT 8X19 BLK
8	H100379	T-NUT 5/16" BLK
8	H101058	BOLT WH 5/16x8 3/4 BLK

INSERT T-NUTS FIRST



STEP 6 - 12FT BEAM ASSEMBLY

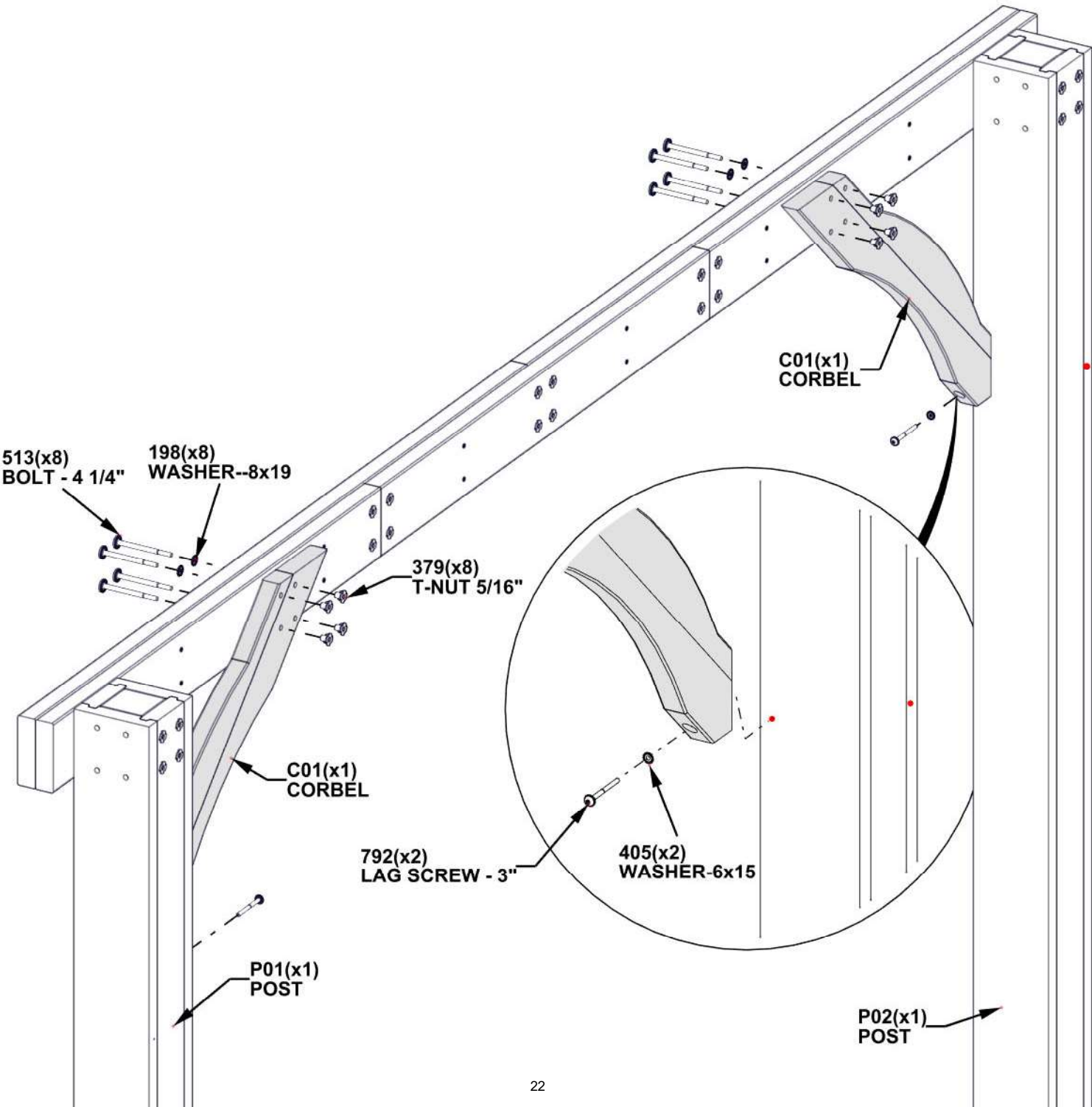


C01 | CORBEL- W2A03198
(2) | 1 3/8"x6 7/16"x36 1/4"(36x163x921)

QTY	PART NUMBER	DESCRIPTION
8	H100198	WASHER LOCK EXT 8X19 BLK
8	H100513	BOLT WH 5/16x4 1/4 BLK
8	H100379	T-NUT 5/16" BLK
2	H100405	WASHER LOCK EXT 6X15 BLK
2	H100792	LAG SCREW WH 1/4x3 BLK

INSERT T-NUTS FIRST

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



**SET 12FT ASSEMBLY TO THE SIDE
AND REPEAT STEPS 1 THROUGH 6.**

STEP 7 - 14FT BEAM ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
8	H100198	WASHER LOCK EXT 8X19 BLK
8	H100195	BOLT WH 5/16X2 3/4 BLK
8	H100379	T-NUT 5/16" BLK

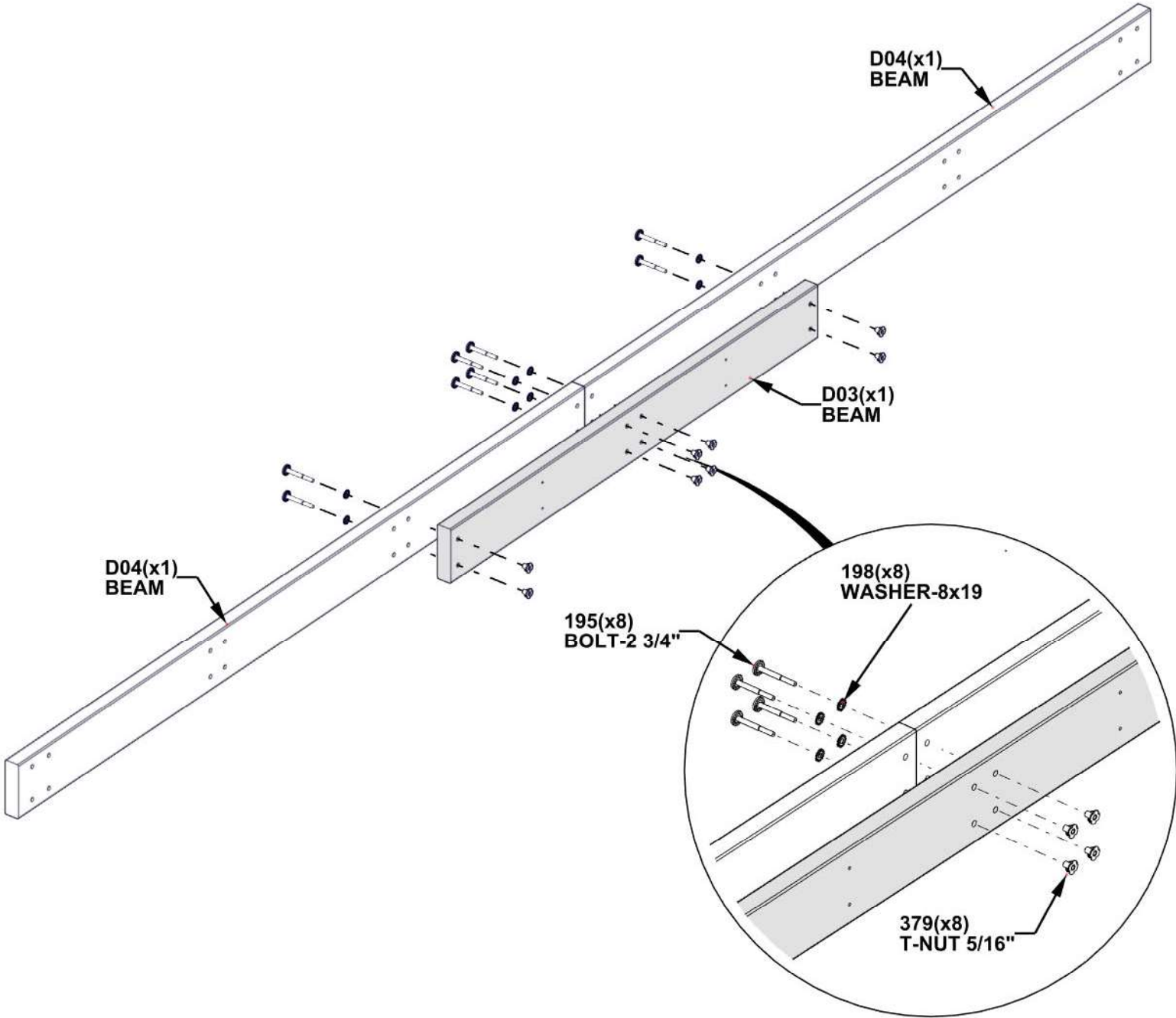


D03 | BEAM - W4L15193
(1) | 1 3/8"x5 1/4"x49 15/16" (36x134x1268)



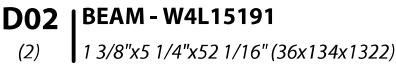
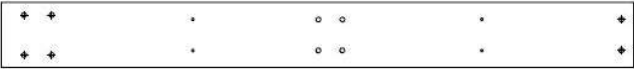
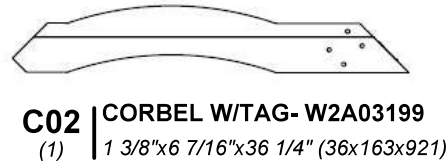
D04 | BEAM - W4L15234
(2) | 1 3/8"x5 1/4"x77" (36x134x1956)

INSERT T-NUTS FIRST



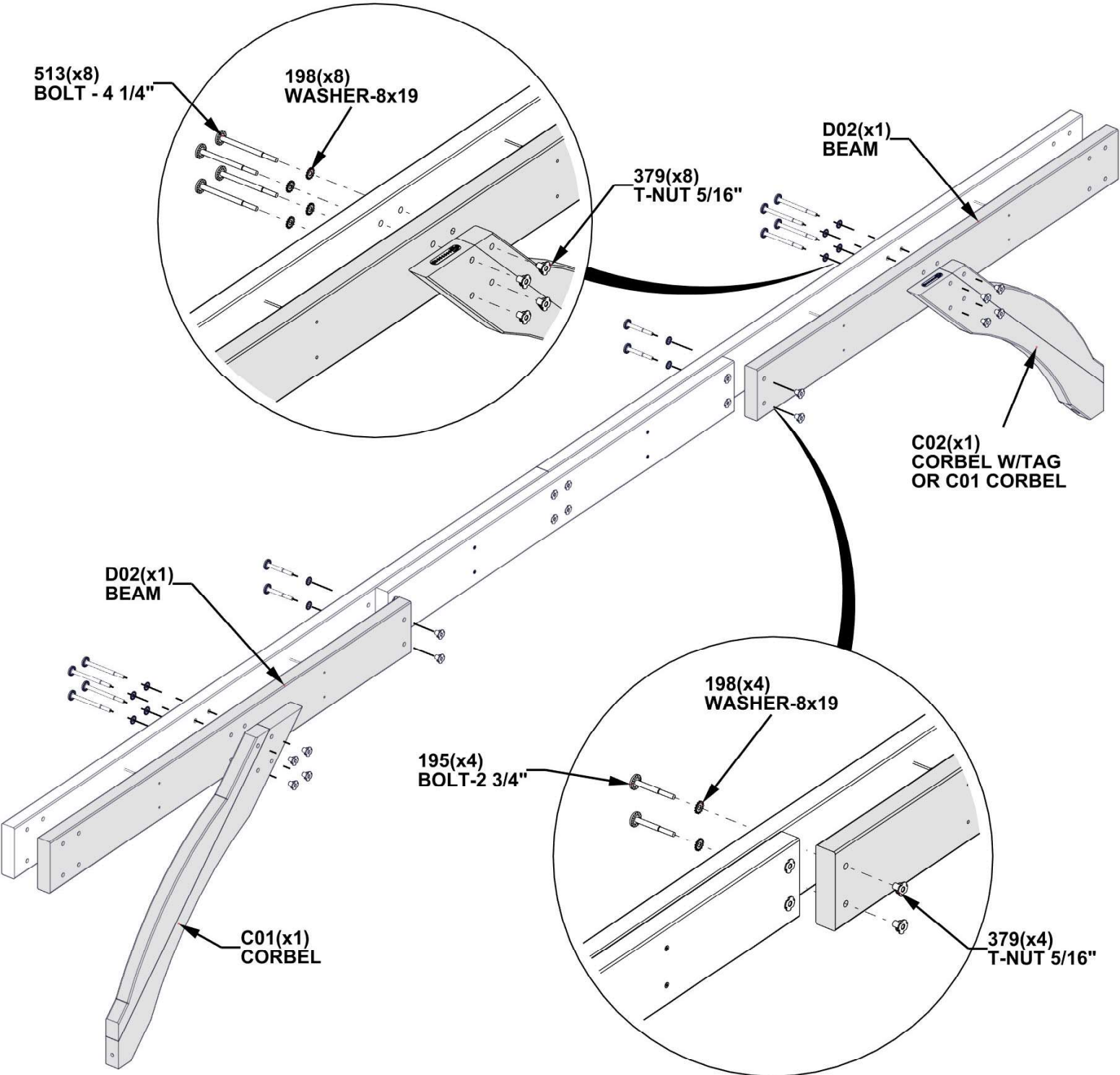
STEP 8 - 14FT BEAM ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
4	H100195	BOLT WH 5/16x2 3/4 BLK
12	H100198	WASHER LOCK EXT 8X19 BLK
12	H100379	T-NUT 5/16" BLK
8	H100513	BOLT WH 5/16x4 1/4 BLK



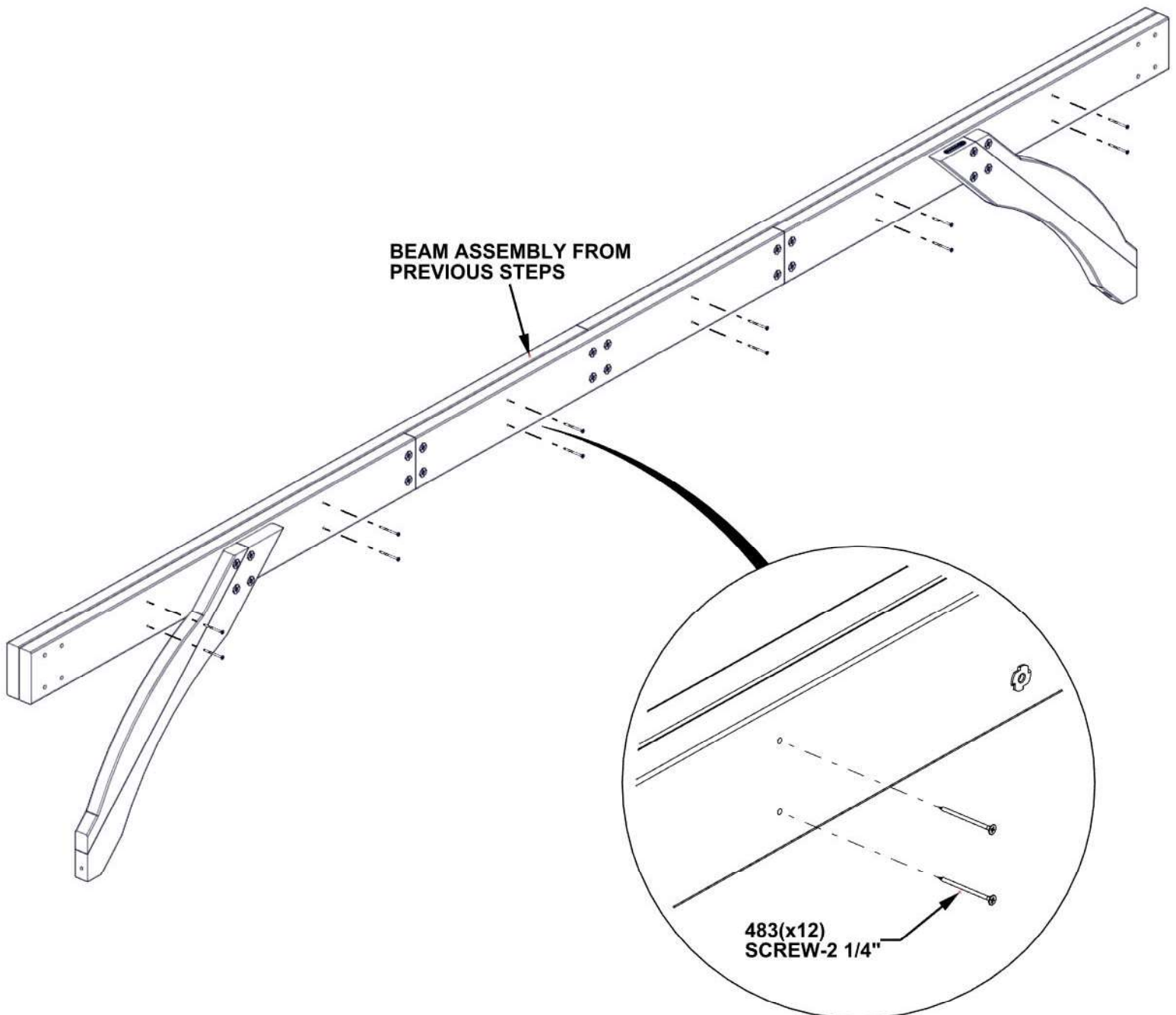
INSERT T-NUTS FIRST

HAND TIGHTEN ONLY



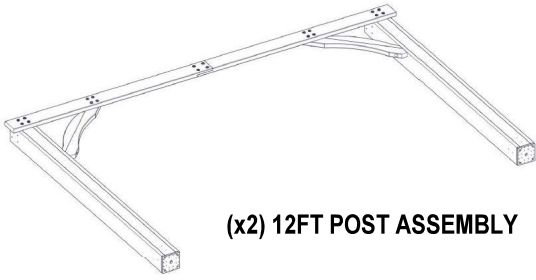
STEP 9 - 14FT BEAM ASSEMBLY

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



STEP 10 - 14FT BEAM ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
8	H101058	BOLT WH 5/16x8 3/4 BLK
8	H100379	T-NUT 5/16" BLK
8	H100198	WASHER LOCK EXT 8X19 BLK
2	H100792	LAG SCREW WH 1/4x3 BLK
2	H100405	WASHER LOCK EXT 6X15 BLK

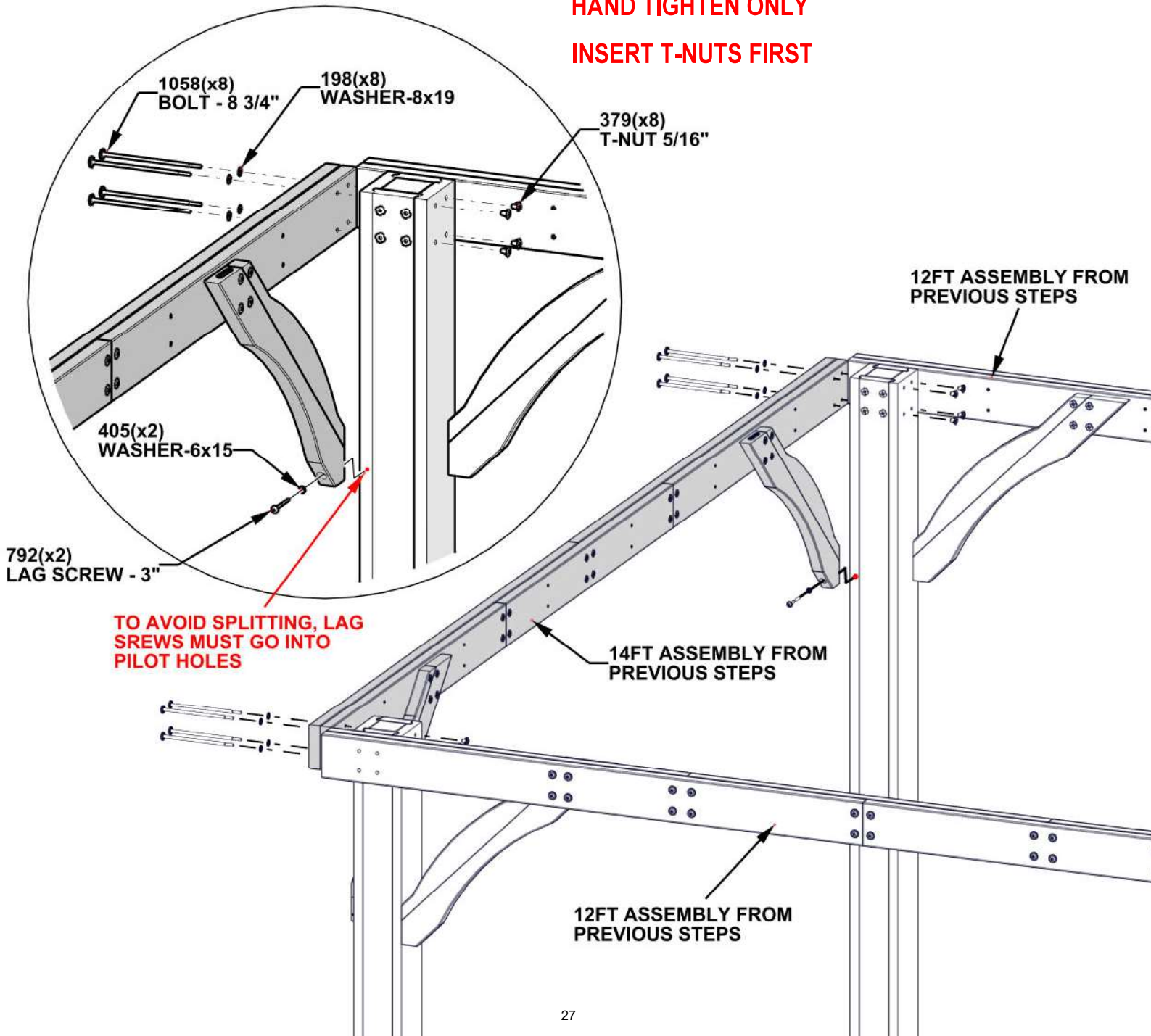


TIPS:

- 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.

HAND TIGHTEN ONLY

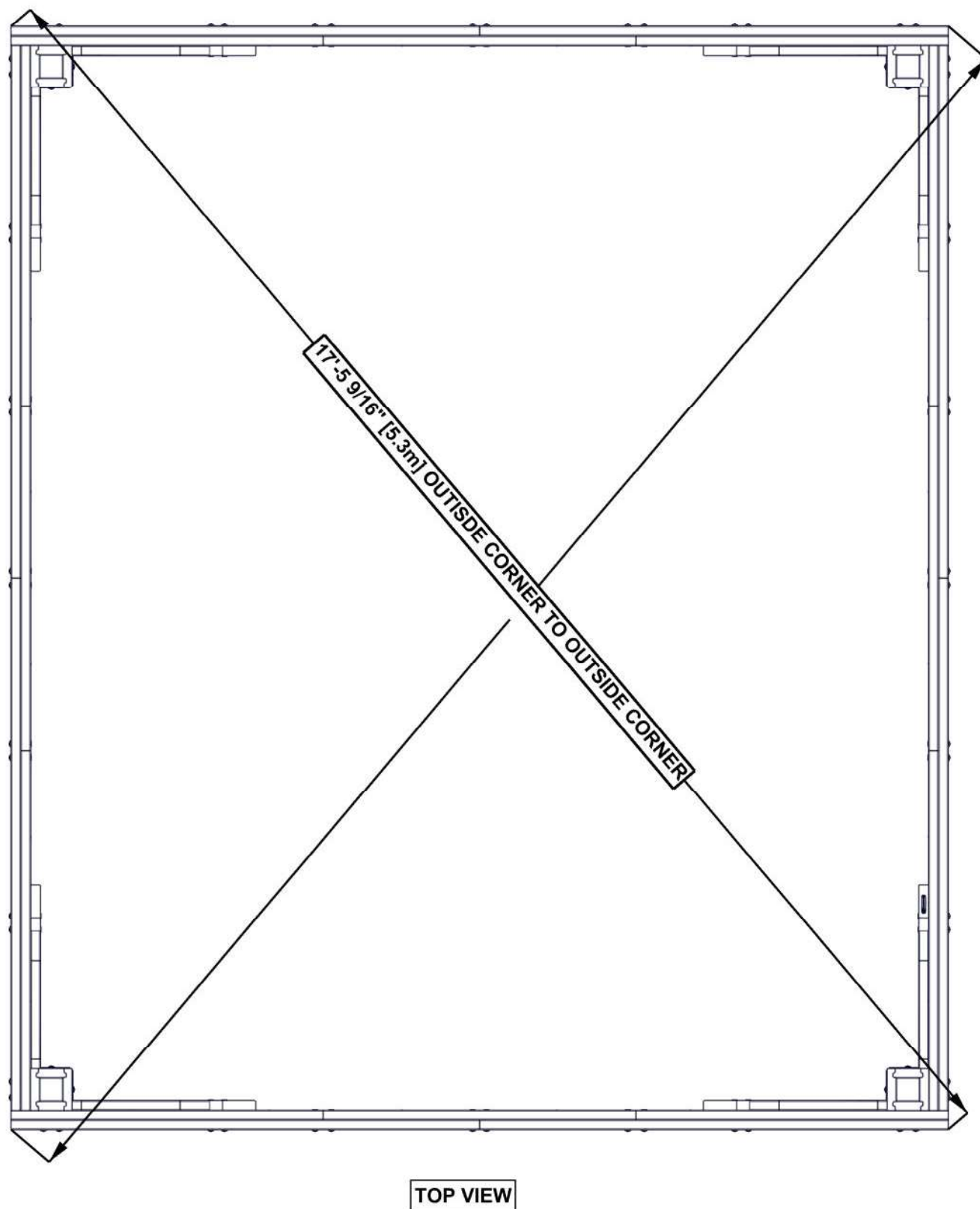
INSERT T-NUTS FIRST



**SET 14FT ASSEMBLY TO THE SIDE
AND REPEAT STEPS 7 THROUGH 10.**

STEP 11

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



STEP 12 - ROOF SUPPORT ASSEMBLY

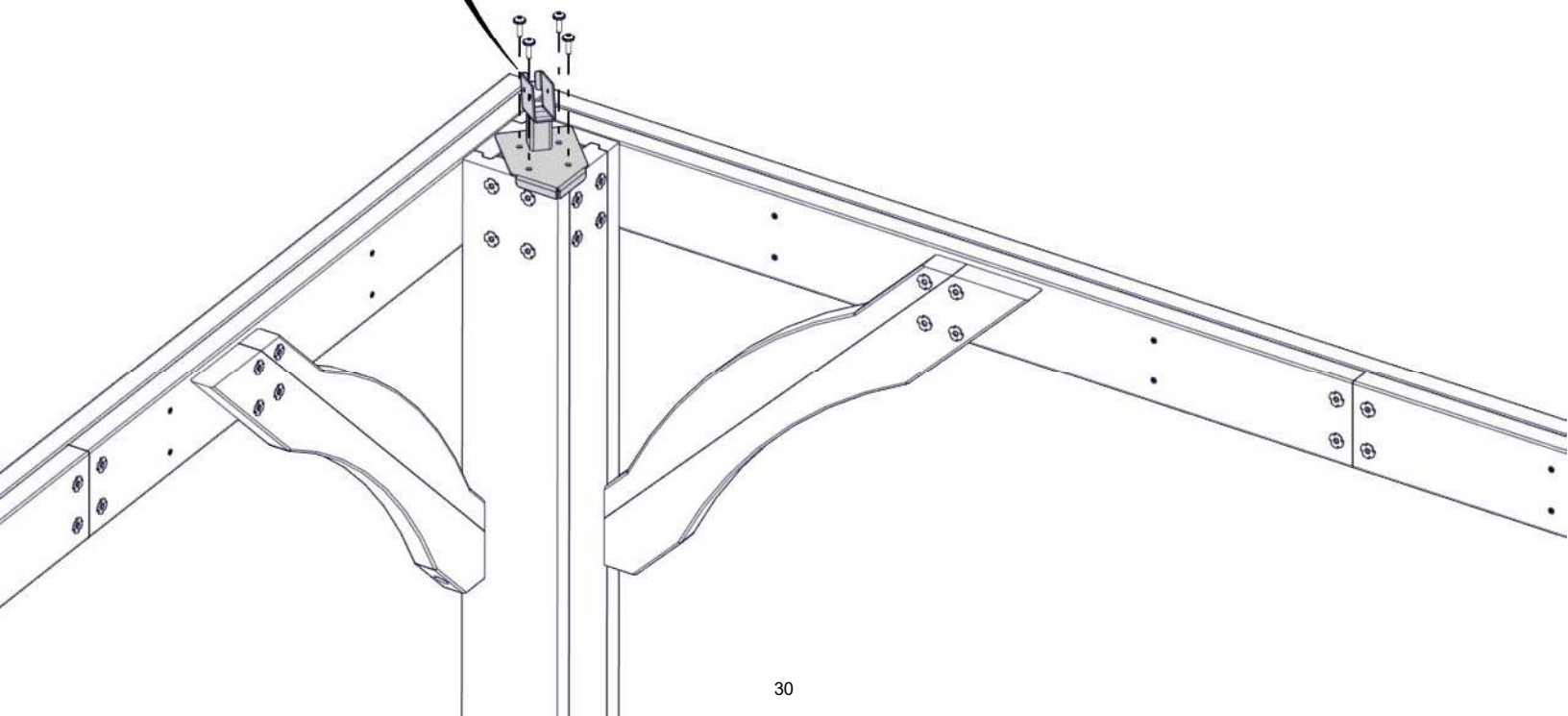
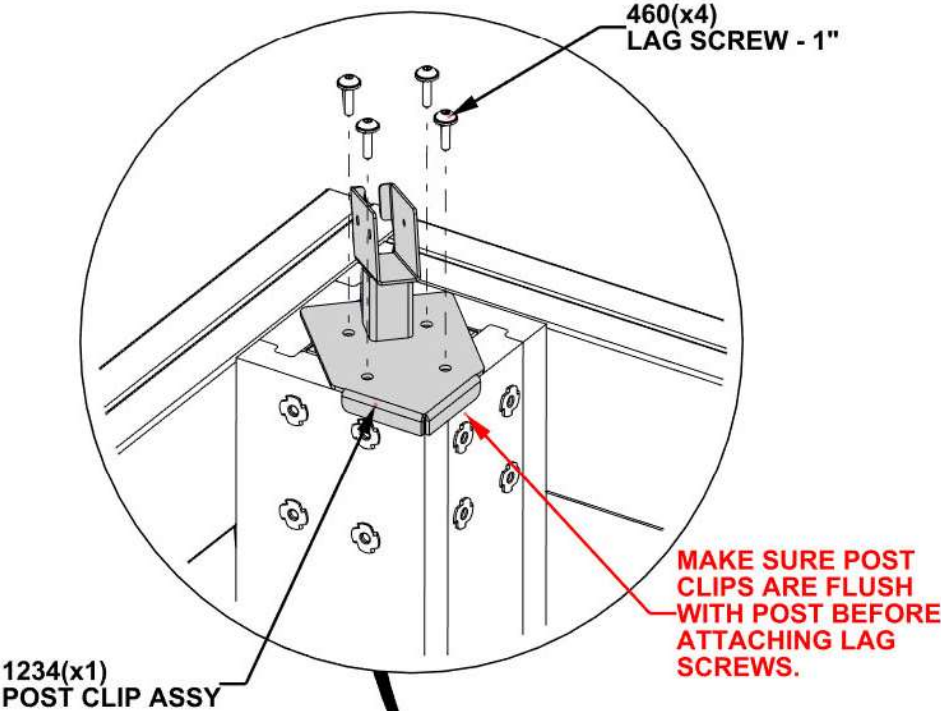
QTY	PART NUMBER	DESCRIPTION
16	H100460	LAG SCREW WH 1/4x1 BLK



A4M01234
(4) POST CLIP

REPEAT ON ALL FOUR POST

DO NOT OVERTIGHTEN

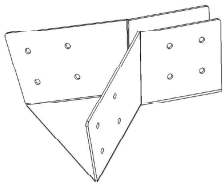


STEP 13 - ROOF SUPPORT ASSEMBLY



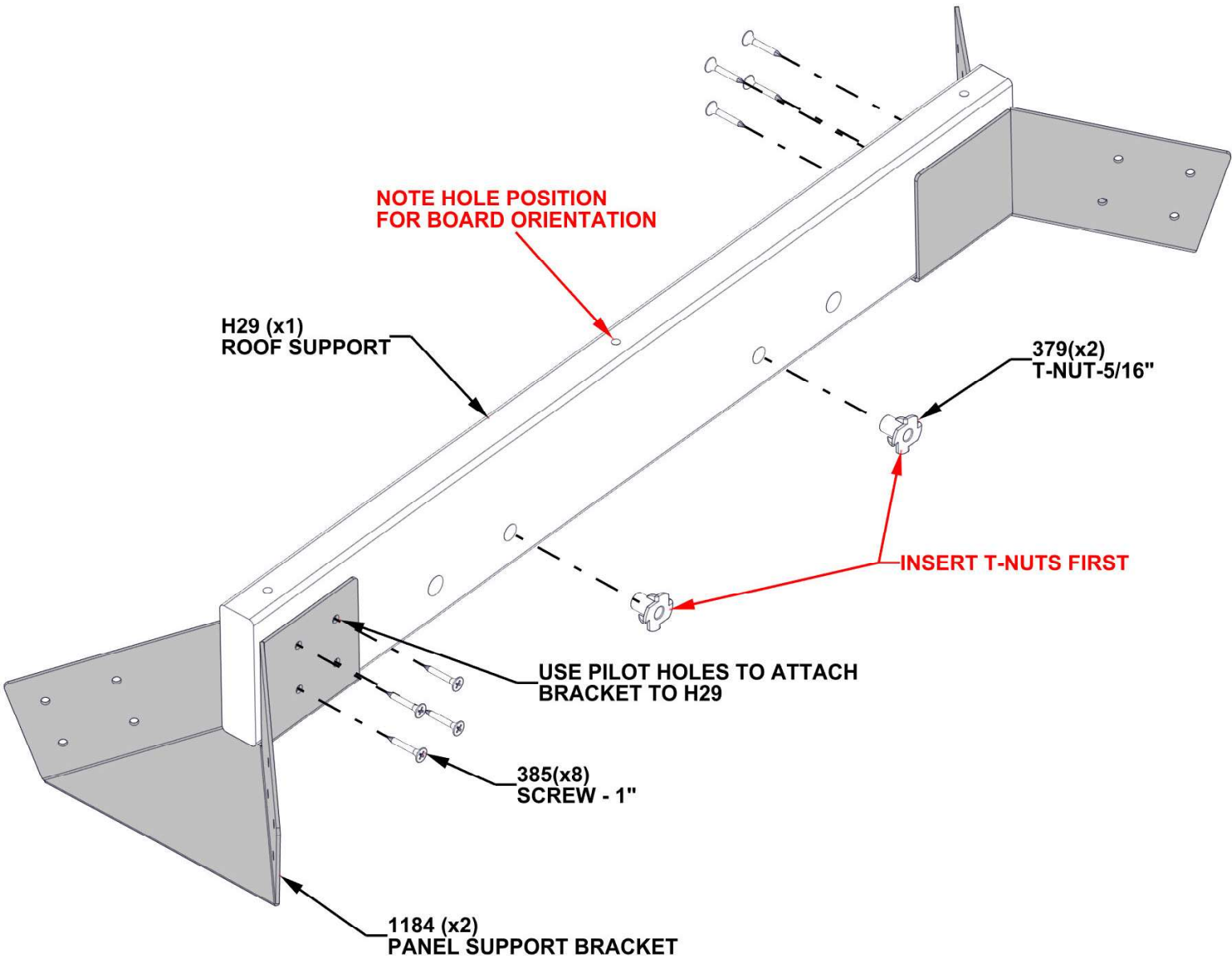
H29 ROOF SUPPORT- W4L15160
(1) 1"x3 3/8"x24" (24x86x610)

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



A4M01184 PANEL SUPPORT BRACKET
(2)

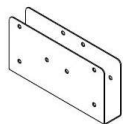
INSERT T-NUTS FIRST



STEP 14 - ROOF SUPPORT ASSEMBLY



H01 | ROOF SUPPORT- W4L15194
(4) | 1"x3 3/8"x54 1/8" (24x86x1374)



A4M01237 | ROOF SUPPORT SPLICE CLIP
(4)



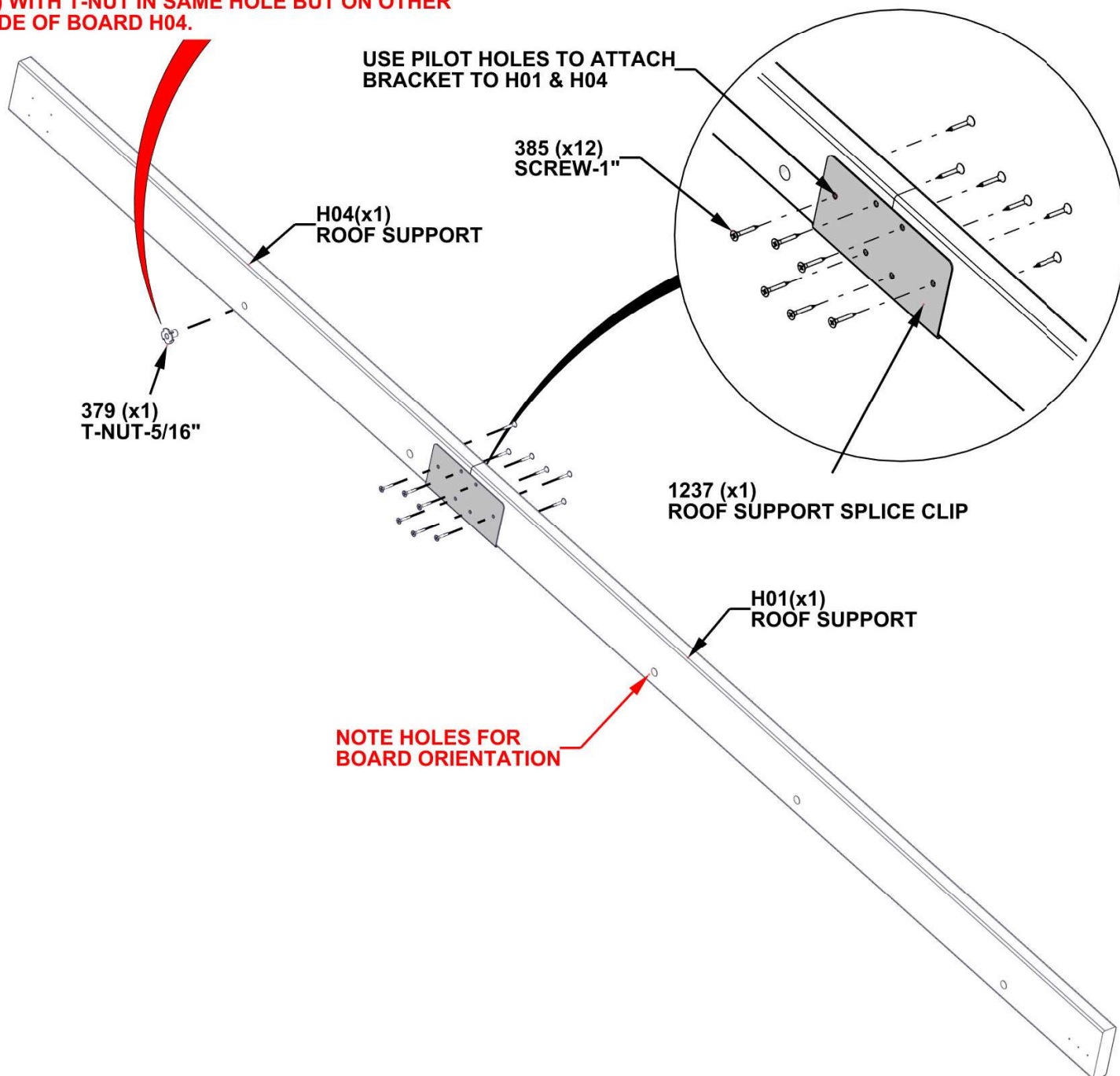
H04 | ROOF SUPPORT - W4L15201
(4) | 1"x3 3/8"x38 13/16" (24x86x986)

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

REPEAT FOUR TIMES

INSERT T-NUTS FIRST

IMPORTANT! THERE WILL BE FOUR OF THESE ASSEMBLIES. ASSEMBLE (2) WITH T-NUT ON SIDE AS SHOWN BELOW. ASSEMBLE THE OTHER (2) WITH T-NUT IN SAME HOLE BUT ON OTHER SIDE OF BOARD H04.



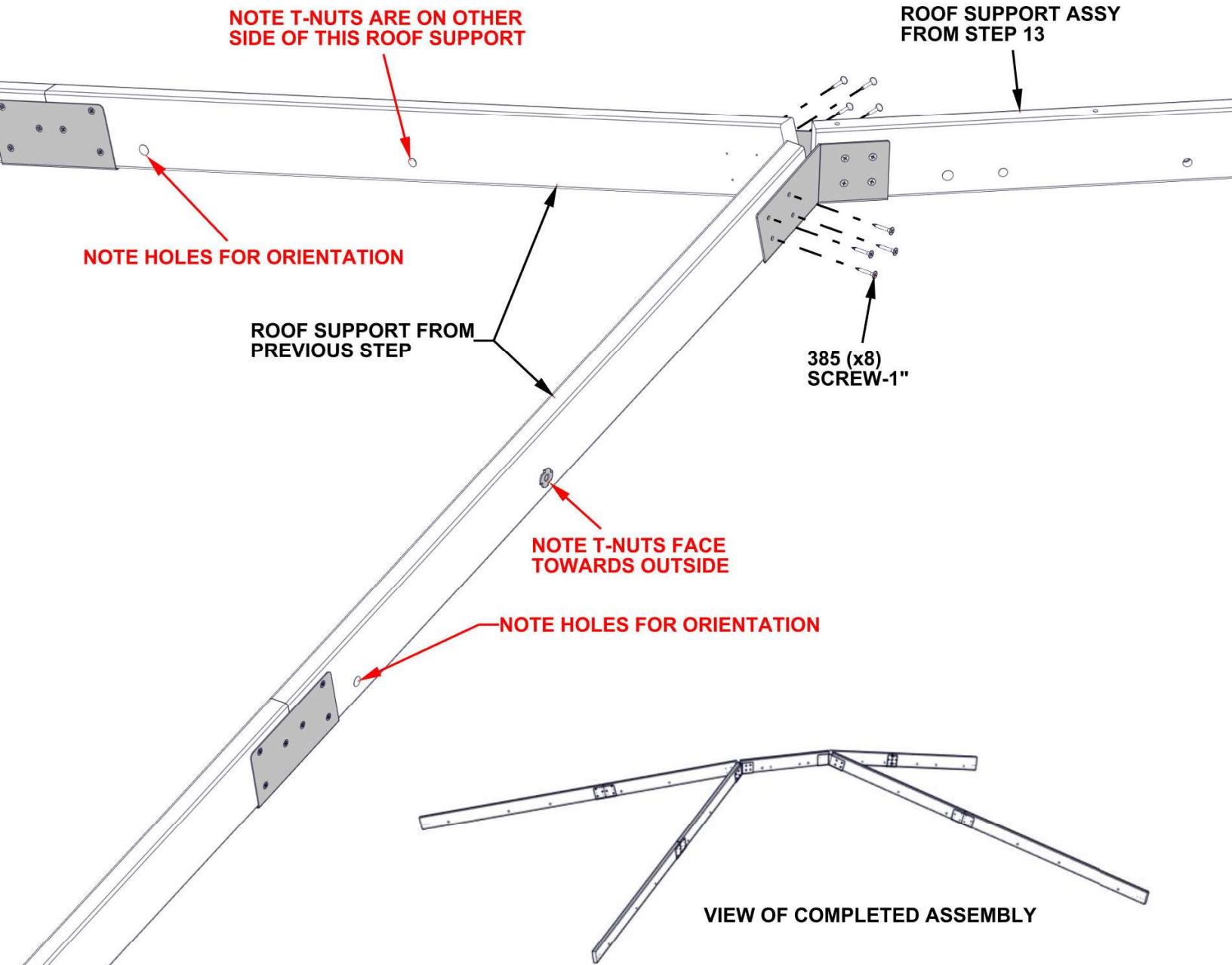
STEP 15 - ROOF SUPPORT ASSEMBLY



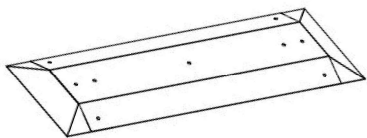
(x4) ROOF SUPPORT
FROM PREVIOUS STEP

QTY.	PART NUMBER	DESCRIPTION
16	H100385	SCREW PFH 8x1 BLK

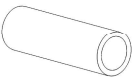
REPEAT ON OPPOSITE END OF ROOF SUPPORT BOARD



STEP 16 - ROOF SUPPORT ASSEMBLY



A4M01256 | RIDGE PEAK CAP
(1)

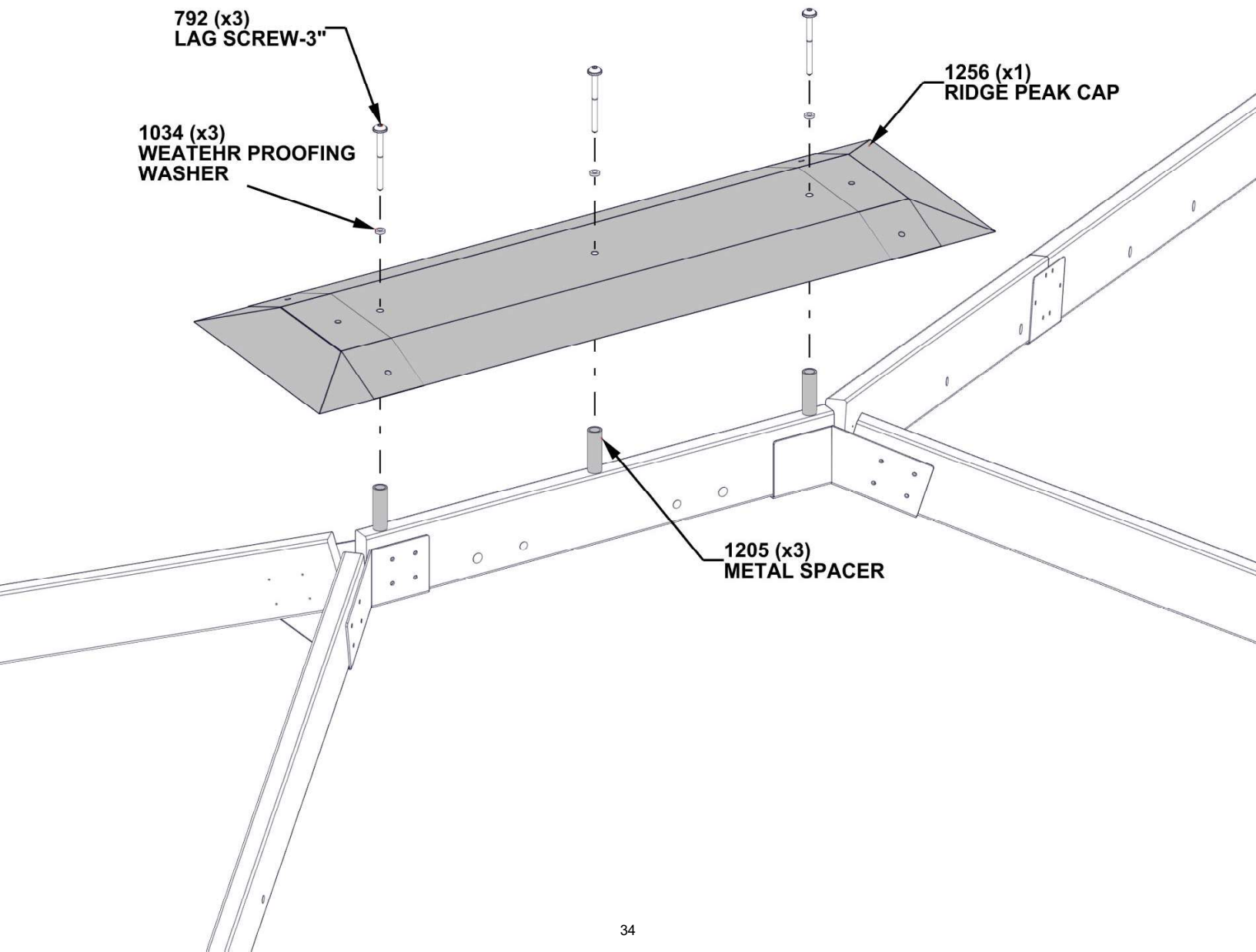


A4M01205 | METAL SPACER
(3)

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

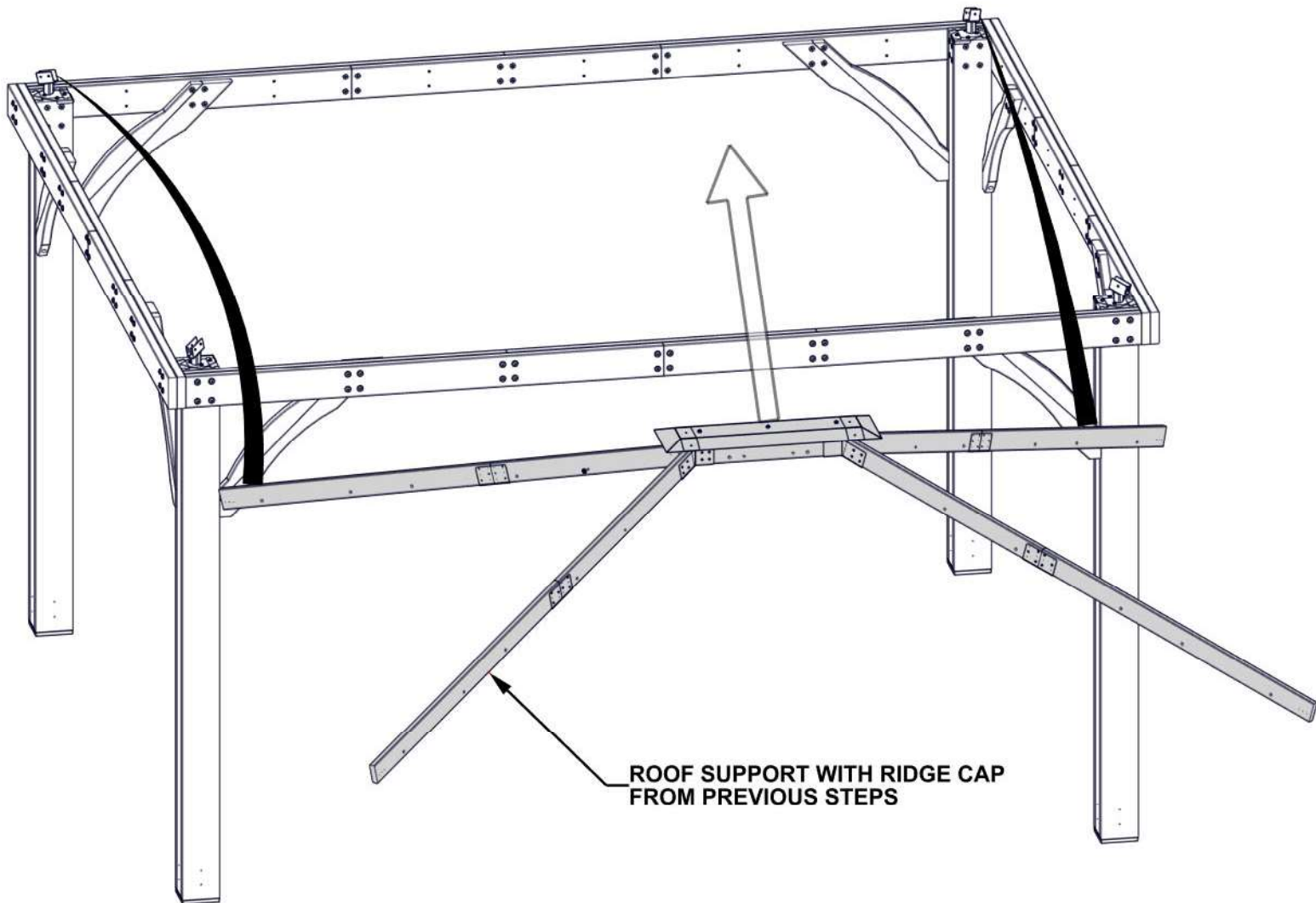
- TIPS:
- REMOVE PROTECTIVE BLUE FILM BEFORE ASSEMBLY

WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL ROOF PIECES



STEP 17 - SUPPORT ASSEMBLY

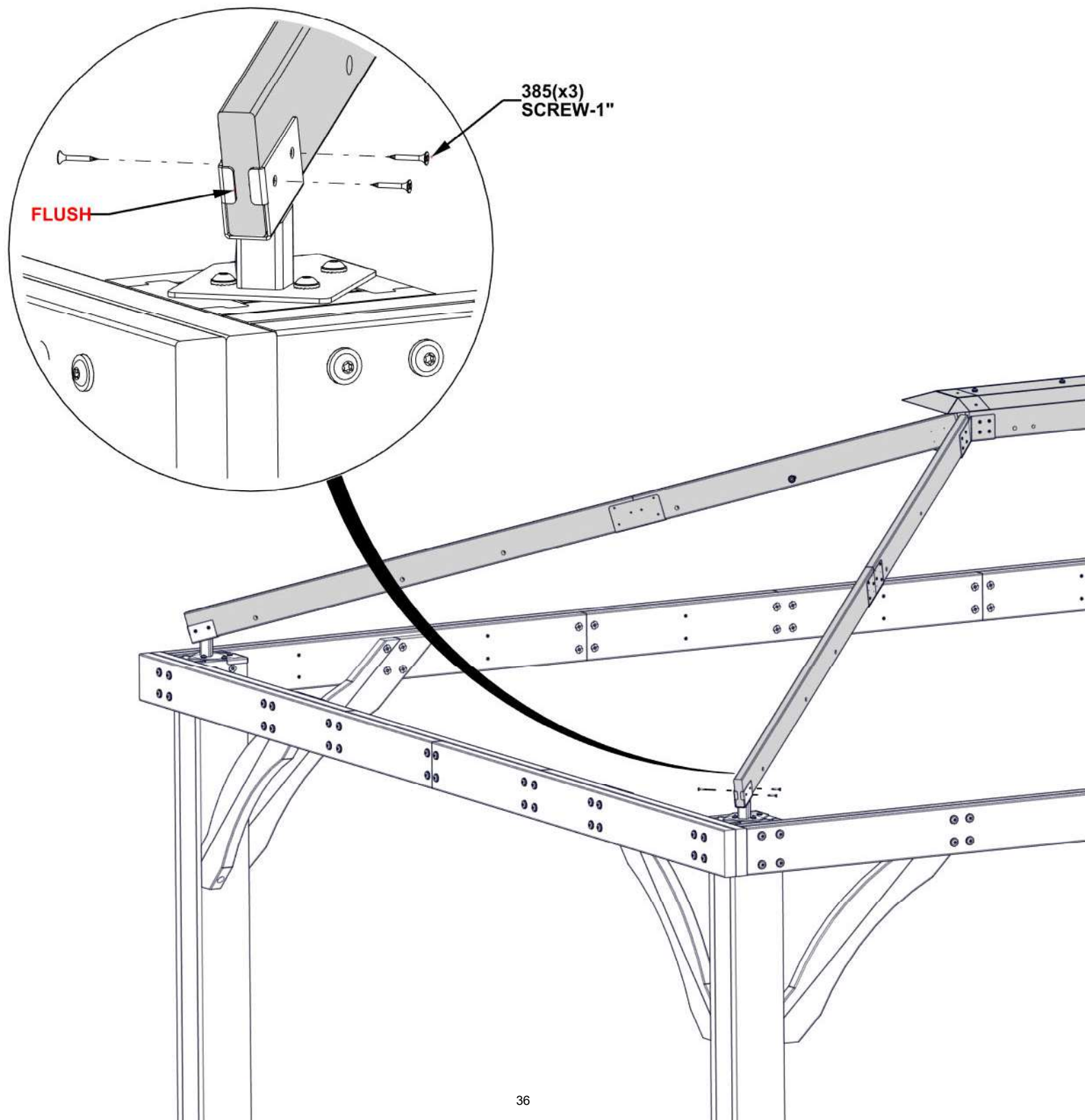
- THREE PEOPLE ARE HELPFUL FOR THIS STEP.
- POSITION A PERSON ON A LADDER IN THE CENTER OF THE BASE.
- LIFT ROOF SUPPORT UP AND OVER THE 14FT SIDE AND INSERT INTO CORNER POST CLIPS.



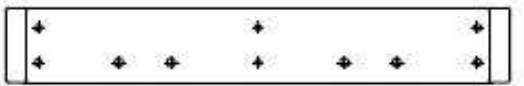
STEP 18 - ROOF SUPPORT ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
12	H100385	SCREW PFH 8x1 BLK

REPEAT ON ALL POSTS

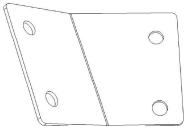


STEP 19 - 14FT ROOF PANEL ASSEMBLY

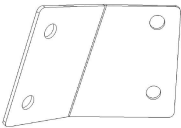


H03 | ROOF JOIST - W4L15197
(1) 1"x3 3/8"x22 7/8" (24x86x580)

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

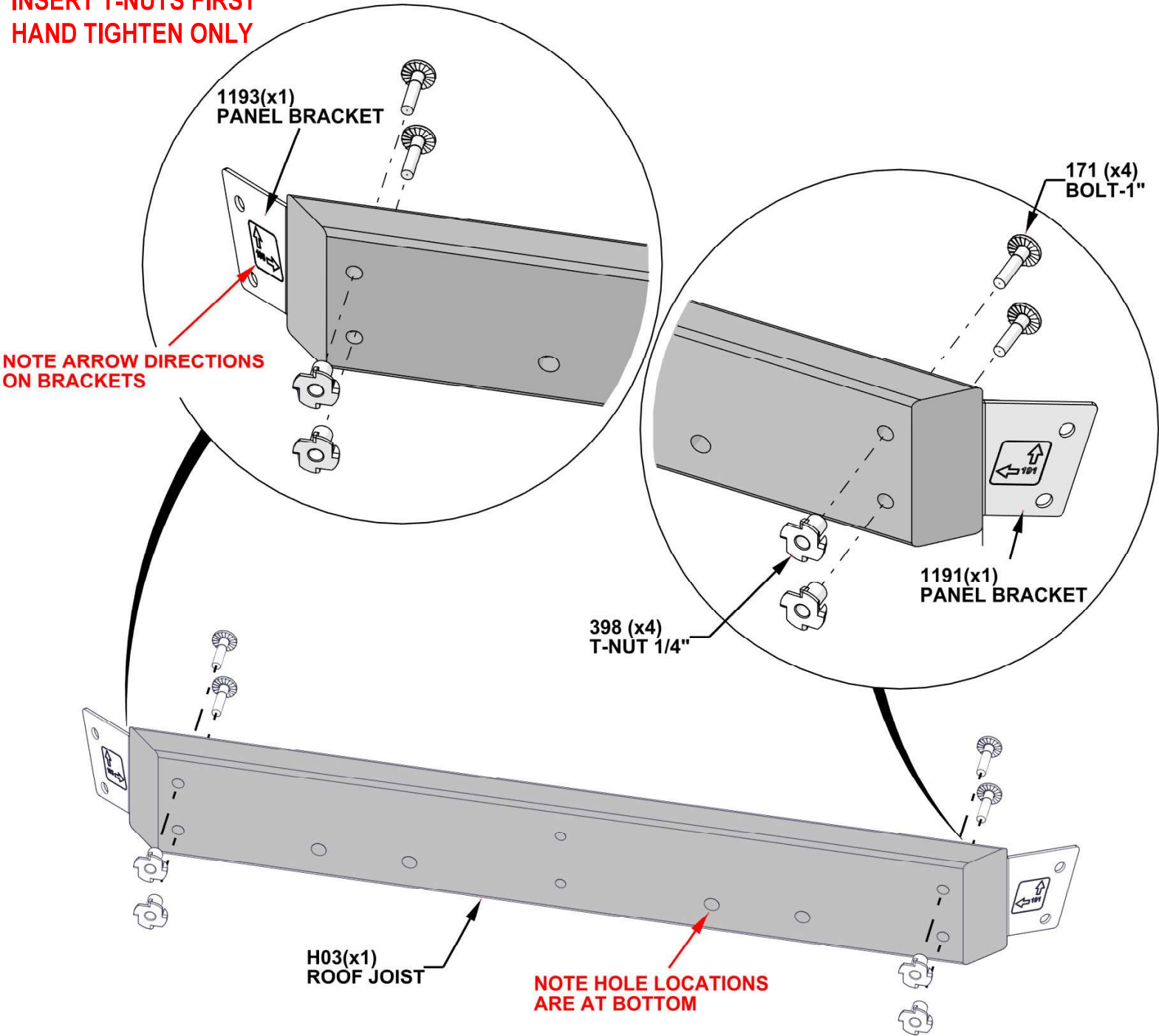


A4M01193 | PANEL BRACKET
(1)



A4M01191 | PANEL BRACKET
(1)

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



STEP 20 - 14FT ROOF PANEL ASSEMBLY

H02 | ROOF JOIST- W4L15195
(1) 1"x3 3/8"x61 1/4" (24x86x1556)

H09 | ROOF JOIST- W4L15213
(1) 1"x3 3/8"x61 1/4" (24x86x1556)

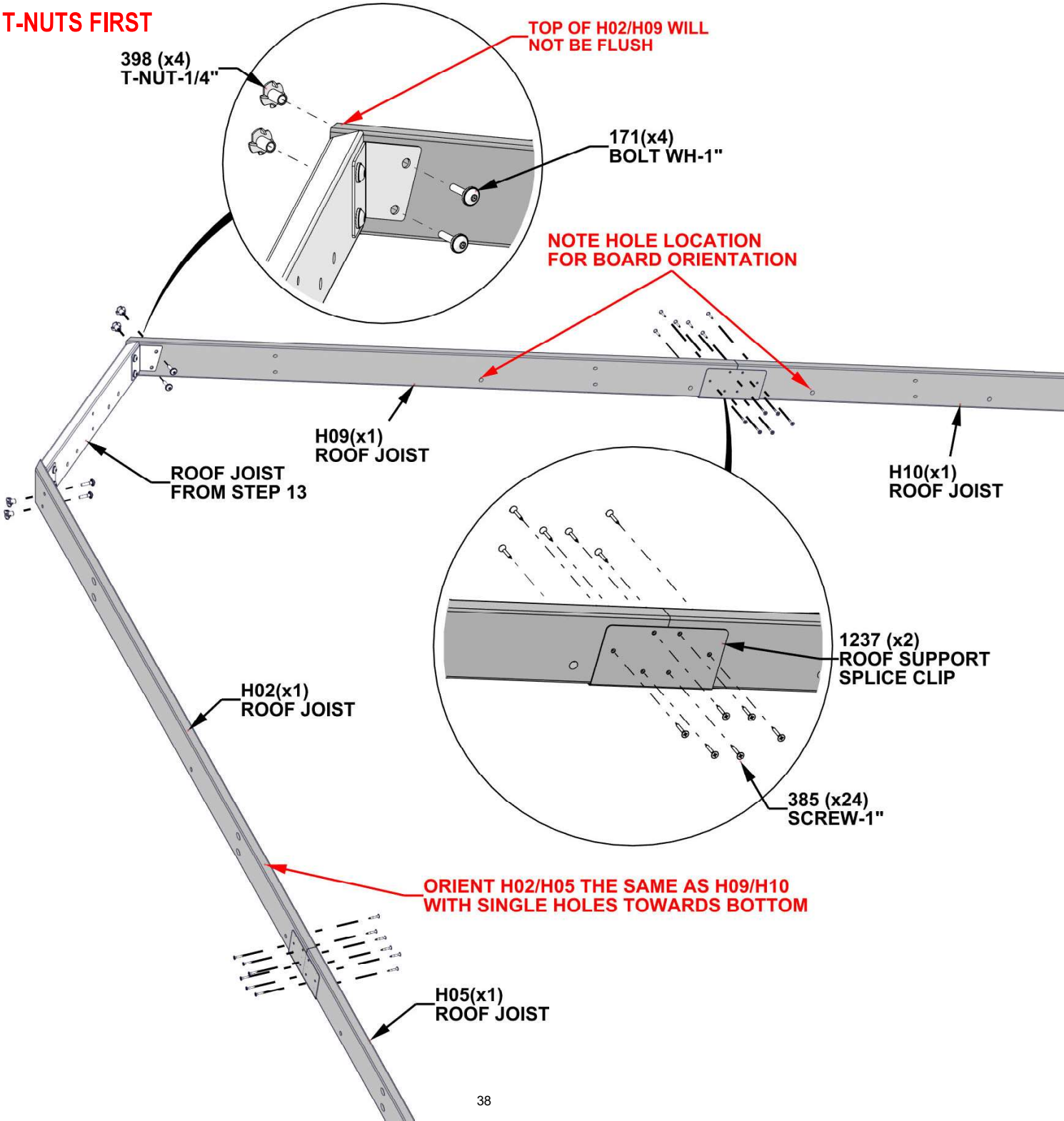
H05 | ROOF JOIST - W4L15202
(1) 1"x3 3/8"x44 9/16" (24x86x1132)

QTY.	PART NUMBER	DESCRIPTION
4	H100171	BOLT WH 1/4x1 BLK
24	H100385	SCREW PFH 8x1 BLK
4	H100398	TNUT-1/4" BLK

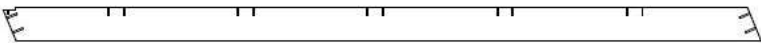
H10 | ROOF JOIST- W4L15214
(1) 1"x3 3/8"x44 9/16" (24x86x1132)

A4M01237 | ROOF SUPPORT
(2) SPLICE CLIP

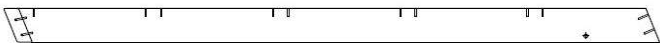
INSERT T-NUTS FIRST



STEP 21 - 14FT ROOF PANEL ASSEMBLY



E01 | RAFTER- W4L15196
(1) 1 3/8"x3 3/8"x76 3/4" (36x86x1949)



E02 | RAFTER- W4L15198
(1) 1 3/8"x3 3/8"x67 5/8" (36x86x1717)



E08 | RAFTER - W4L15210
(1) 1 3/8"x3 3/8"x67 5/8" (36x86x1717)



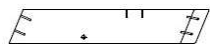
E09 | RAFTER - W4L15211
(1) 1 3/8"x3 3/8"x44 1/16" (36x86x1119)



E04 | RAFTER- W4L15200
(1) 1 3/8"x3 3/8"x20 1/2" (36x86x520)

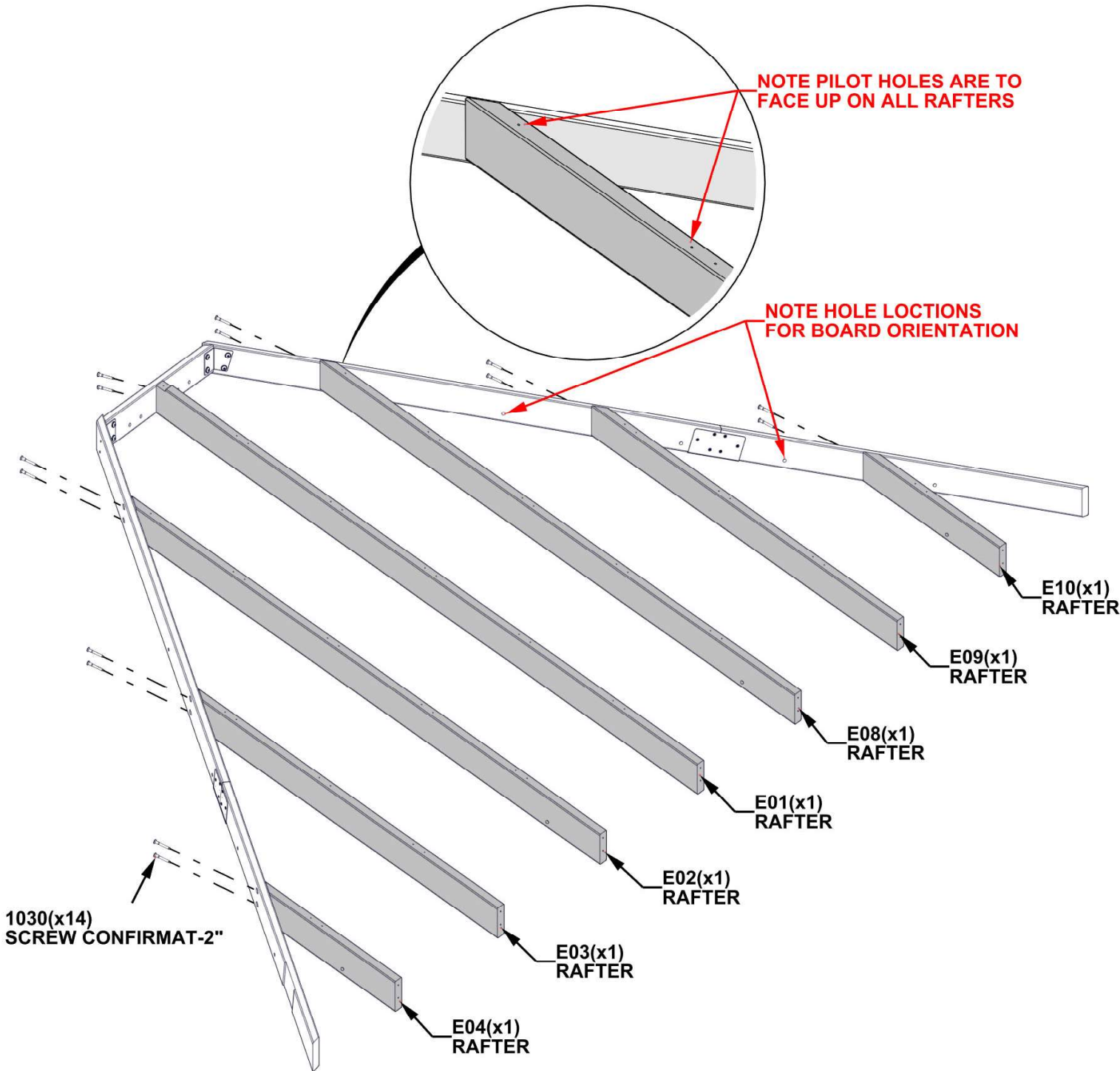


E03 | RAFTER- W4L15199
(1) 1 3/8"x3 3/8"x44 1/16" (36x86x1119)



E10 | RAFTER- W4L15212
(1) 1 3/8"x3 3/8"x20 1/2" (36x86x520)

QTY.	PART NUMBER	DESCRIPTION
14	H101030	SCREW 2" CONFIRMAT BLK



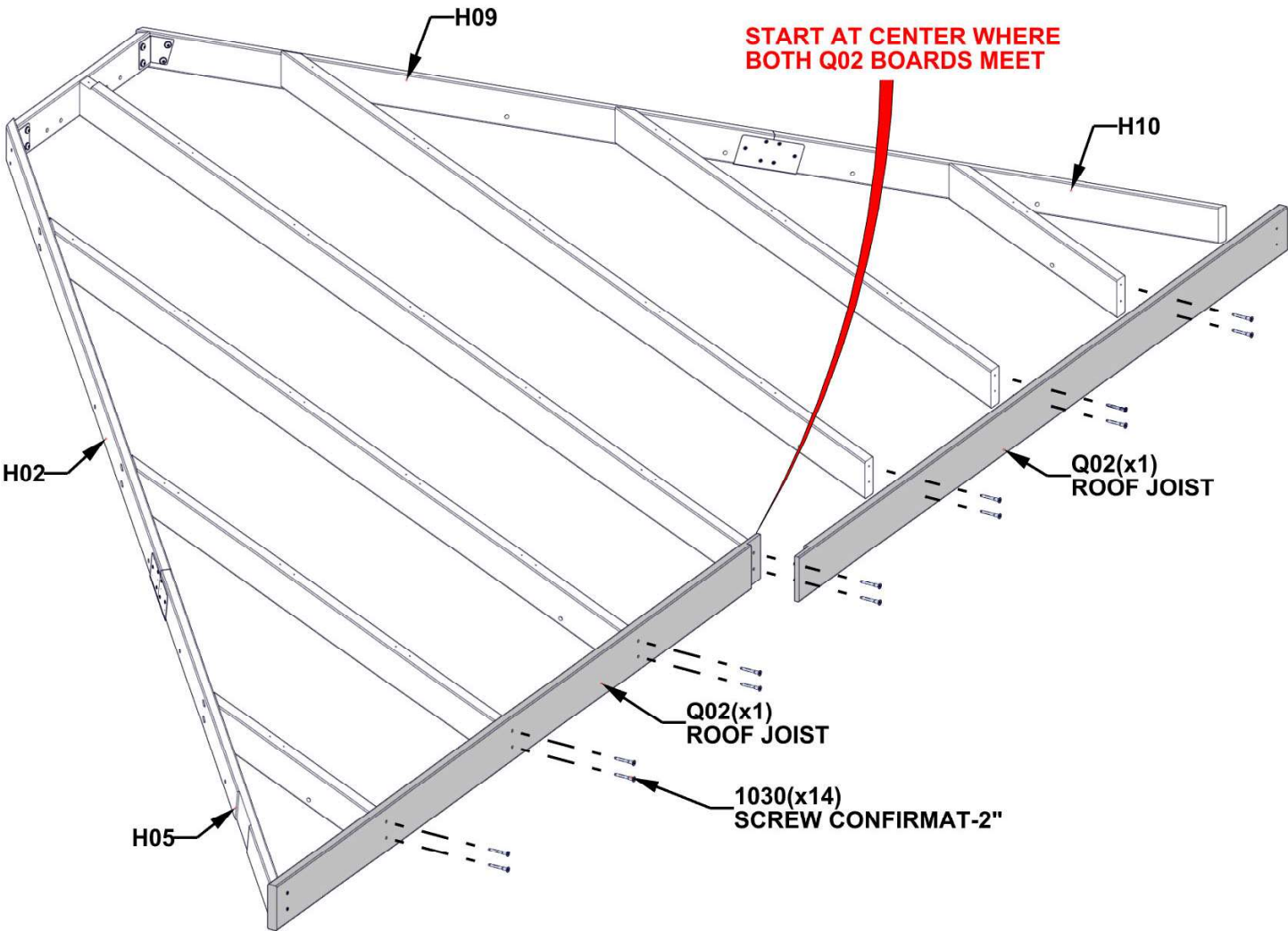
STEP 22A - 14FT ROOF PANEL ASSEMBLY

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



Q02 | ROOF JOIST - W4L15215
(2) | 1"x4 7/16"x84 1/4" (24x112x2140)

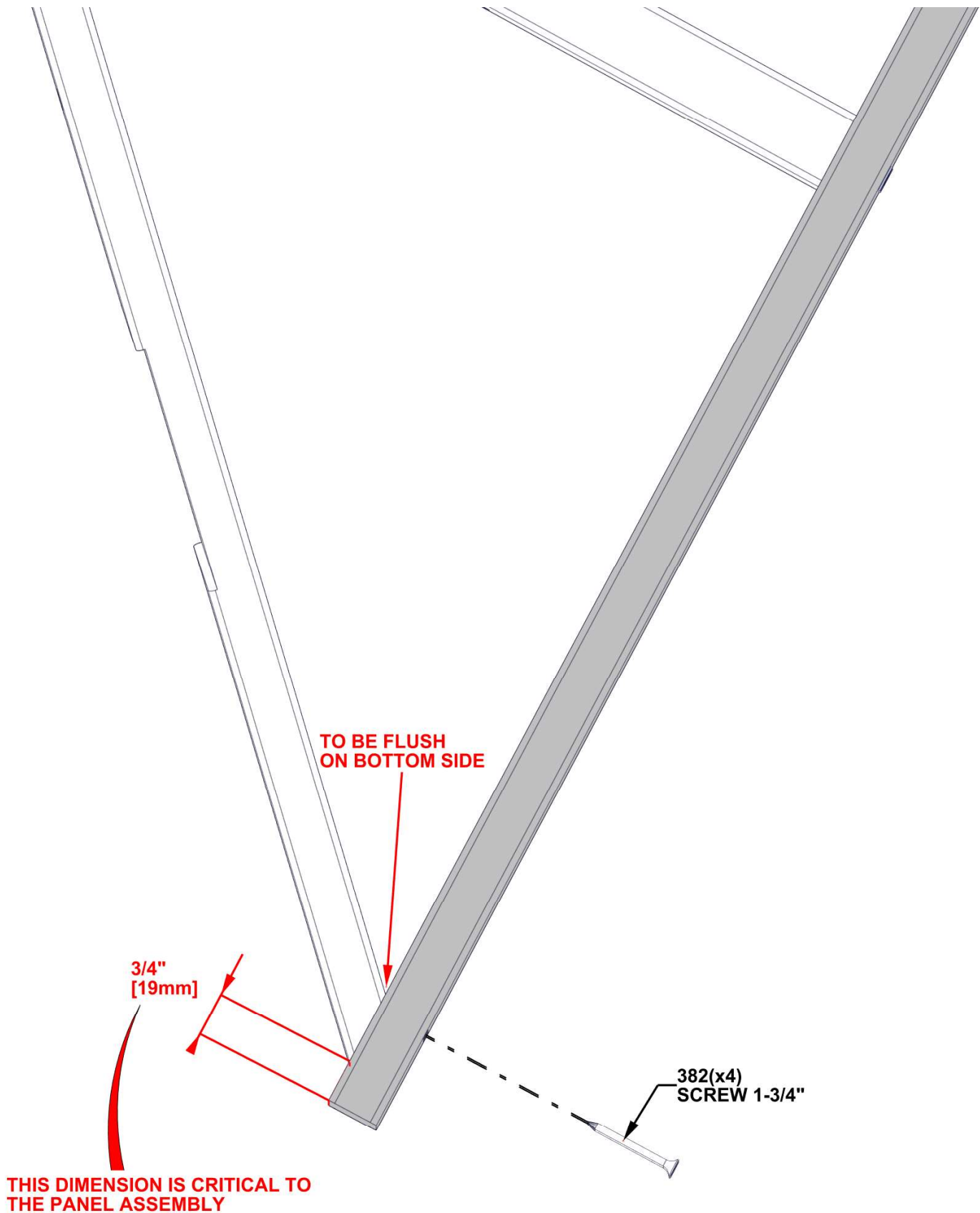
- TIP:**
- RAFTERS MAY NEED TO BE LOOSENED TO ATTACH Q02 TO H05/H10



STEP 22B - 14FT ROOF PANEL ASSEMBLY

TIPS:

- USING THE Q02 BOARD AS A GUIDE AND A 1/8" DRILL BIT, DRILL PILOT HOLES INTO THE H05 BOARD USING THE DIMENSION BELOW.
- REPEAT ON OPPOSITE END WITH H10 BOARD.



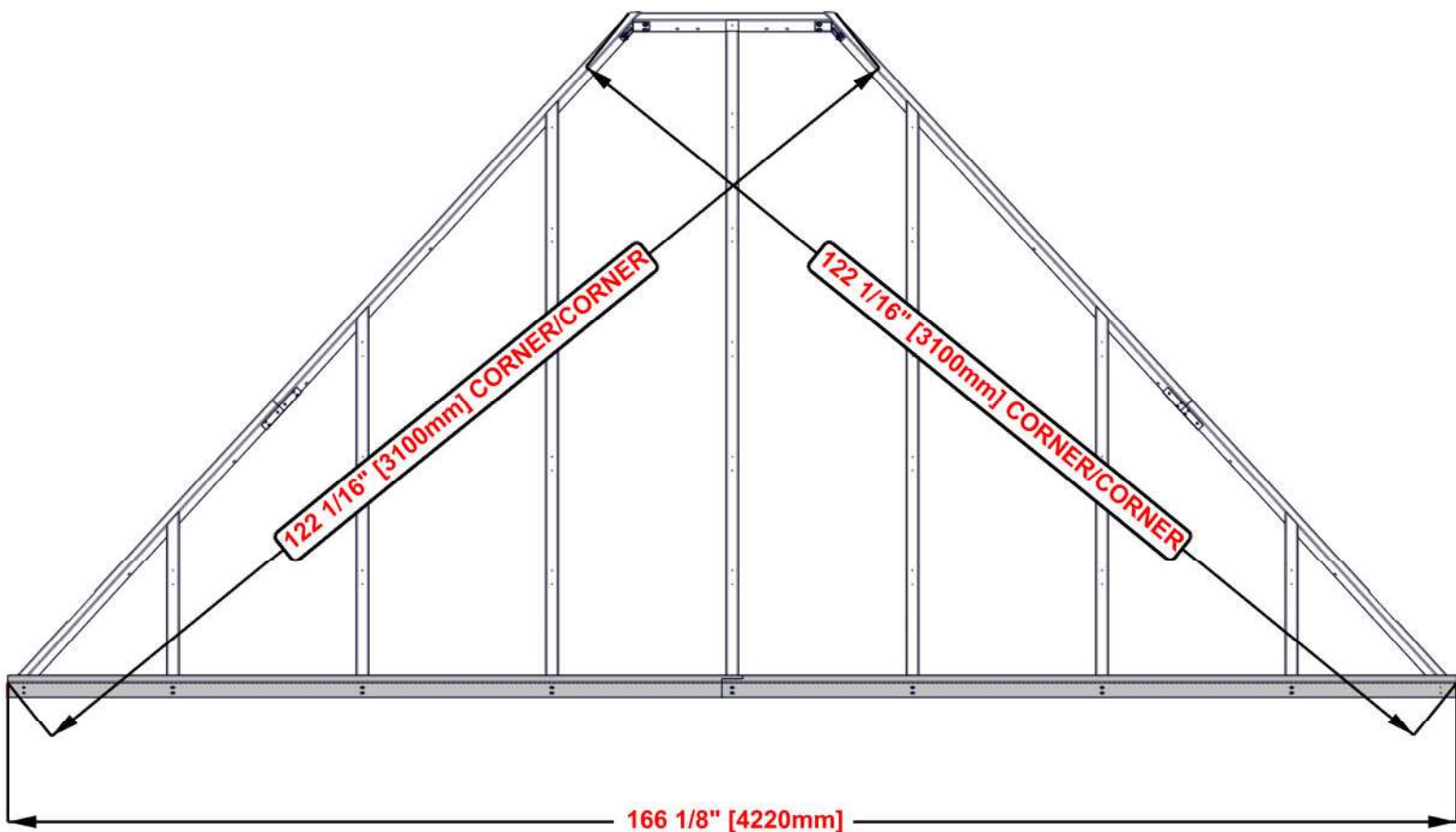
STEP 22C - 14FT ROOF PANEL ASSEMBLY

TIP:

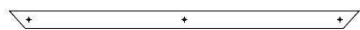
- LOOSEN HARDWARE TO ADJUST FOR SQUARING IF NEEDED

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.



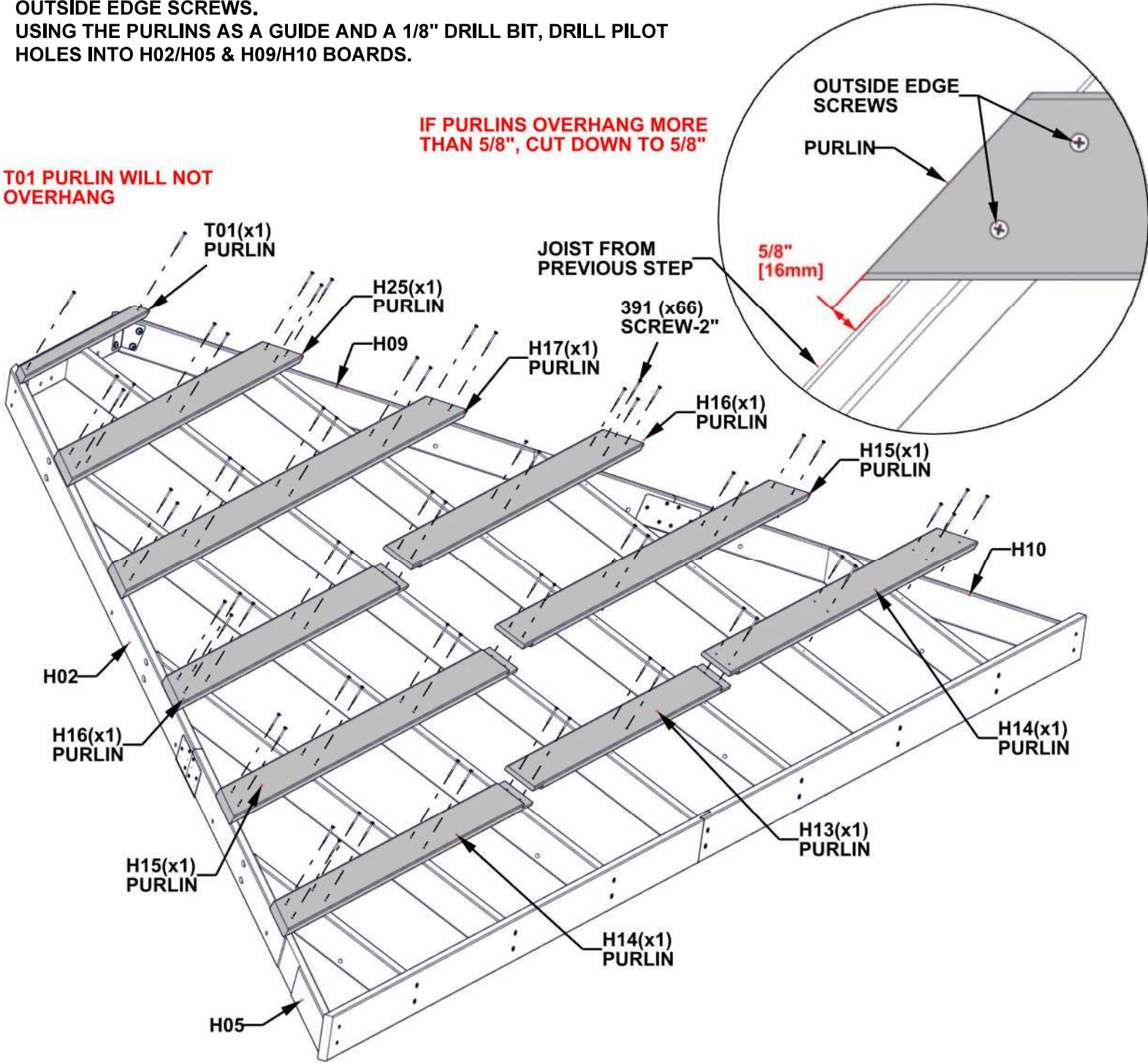
STEP 23 - 14FT ROOF PANEL ASSEMBLY

 T01 PURLIN - W4L15227 (1) 1"x1 5/16"x27 1/2" (24x34x698)	 H25 PURLIN- W4L15235 (1) 1"x3 3/8"x51 3/16" (24x86x1299)	 H14 PURLIN - W4L15223 (2) 1"x3 3/8"x54 9/16" (24x86x1385)						
 H16 PURLIN - W4L15225 (2) 1"x3 3/8"x51" (24x86x1295)	 H13 PURLIN - W4L15222 (1) 1"x3 3/8"x43 11/16" (24x86x1110)	 H15 PURLIN - W4L15224 (2) 1"x3 3/8"x63 1/8" (24x86x1603)						
 H17 PURLIN - W4L15226 (1) 1"x1 3/8"x75 3/8" (24x34x1915)	<table><tr><th>QTY.</th><th>PART NUMBER</th><th>DESCRIPTION</th></tr><tr><td>66</td><td>H100391</td><td>SCREW PFH 8x2 BLK</td></tr></table>		QTY.	PART NUMBER	DESCRIPTION	66	H100391	SCREW PFH 8x2 BLK
QTY.	PART NUMBER	DESCRIPTION						
66	H100391	SCREW PFH 8x2 BLK						

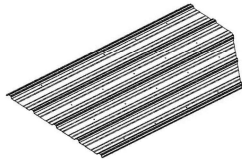
- TIPS:**
- ALIGN PURLIN PILOT HOLES WITH RAFTER PILOT HOLES
 - ATTACH SCREWS FROM THE CENTER AND WORK OUTWARD
 - H02/H05 AND H09/H10 BOARDS DO NOT HAVE PILOT HOLES FOR OUTSIDE EDGE SCREWS.
 - USING THE PURLINS AS A GUIDE AND A 1/8" DRILL BIT, DRILL PILOT HOLES INTO H02/H05 & H09/H10 BOARDS.

T01 PURLIN WILL NOT OVERHANG

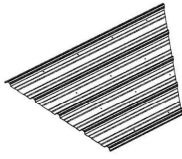
IF PURLINS OVERHANG MORE THAN 5/8", CUT DOWN TO 5/8"



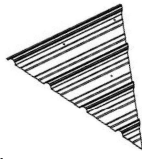
STEP 24 - 14FT ROOF PANEL ASSEMBLY



A4M01241-1 | 29 GA STEEL SHEETING
(1)



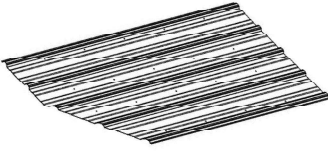
A4M01242-1 | 29 GA STEEL SHEETING
(1)



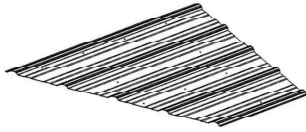
A4M01243-1 | 29 GA STEEL SHEETING
(1)



A4M01246-1 | 29 GA STEEL SHEETING
(1)



A4M01244-1 | 29 GA STEEL SHEETING
(1)

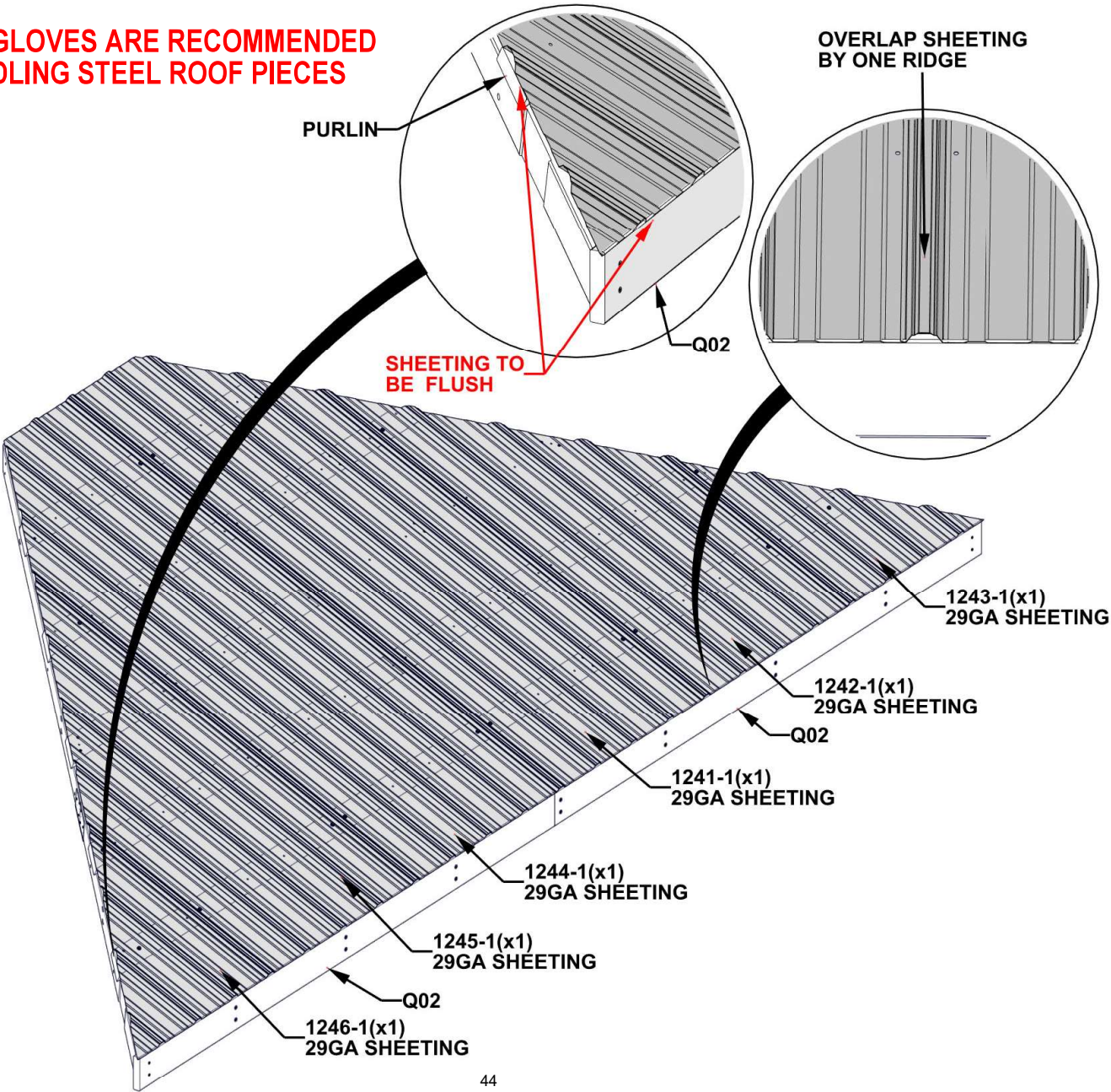


A4M01245-1 | 29 GA STEEL SHEETING
(1)

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

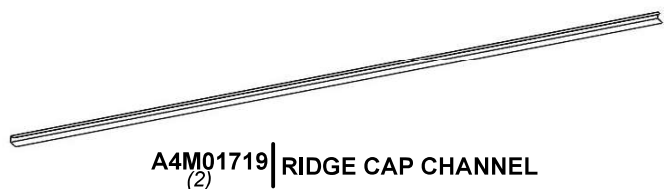
- TIPS:**
- REMOVE PROTECTIVE BLUE FILM
 - STARTING IN THE CENTER, PLACE PANELS AS SHOWN BELOW.
 - OVERLAP PANELS BY ONE RIDGE.
 - PANELS SHOULD BE FLUSH WITH PURLIN ENDS AND Q02 ROOF JOIST.
 - ONCE SHEETING IS IN PLACE, IT IS RECOMMENDED TO ADD H100833 SCREWS IN THE MIDDLE OF SHEETS TO HOLD SHEETING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

WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL ROOF PIECES



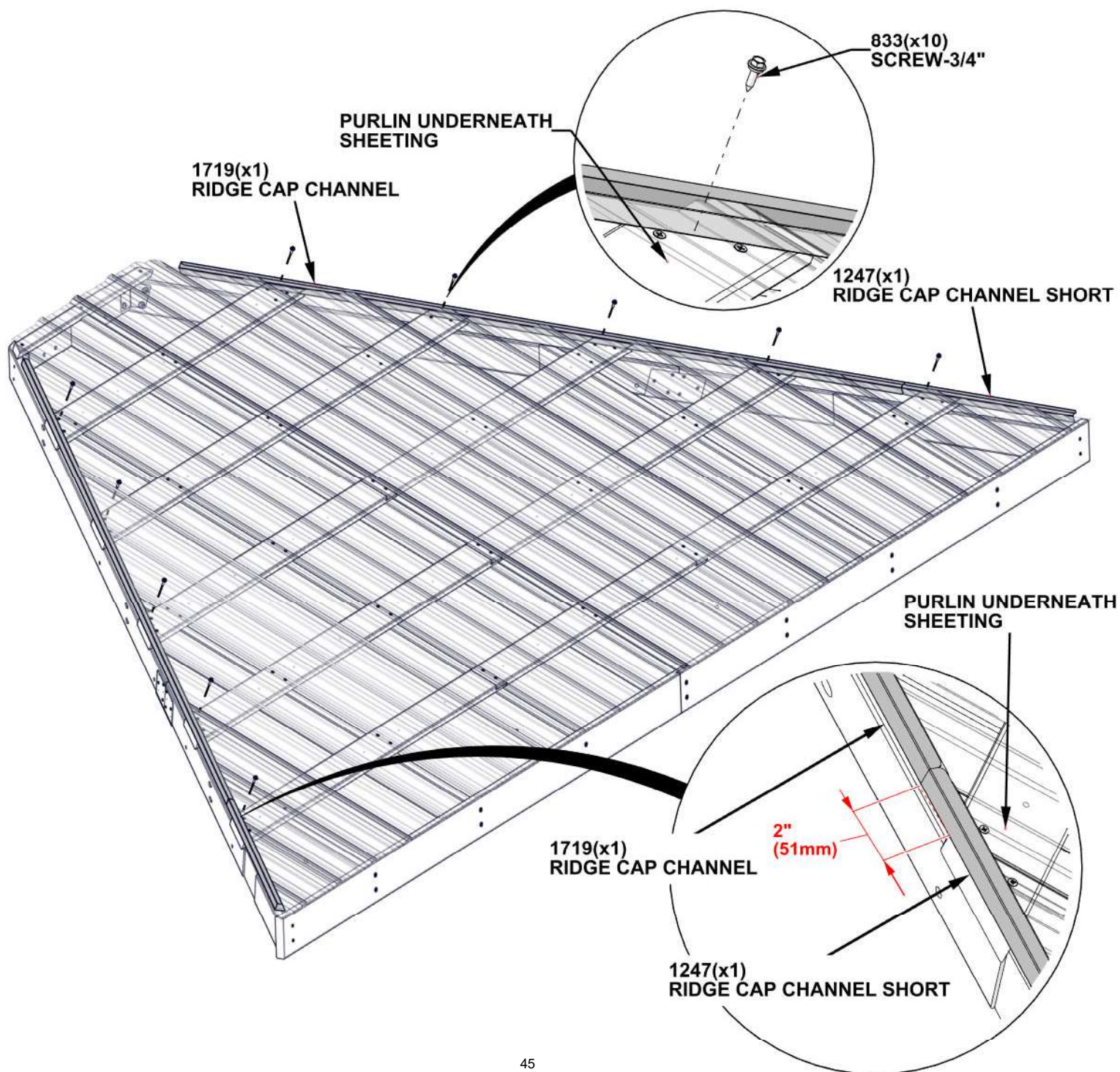
STEP 25 - 14FT ROOF PANEL ASSEMBLY

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



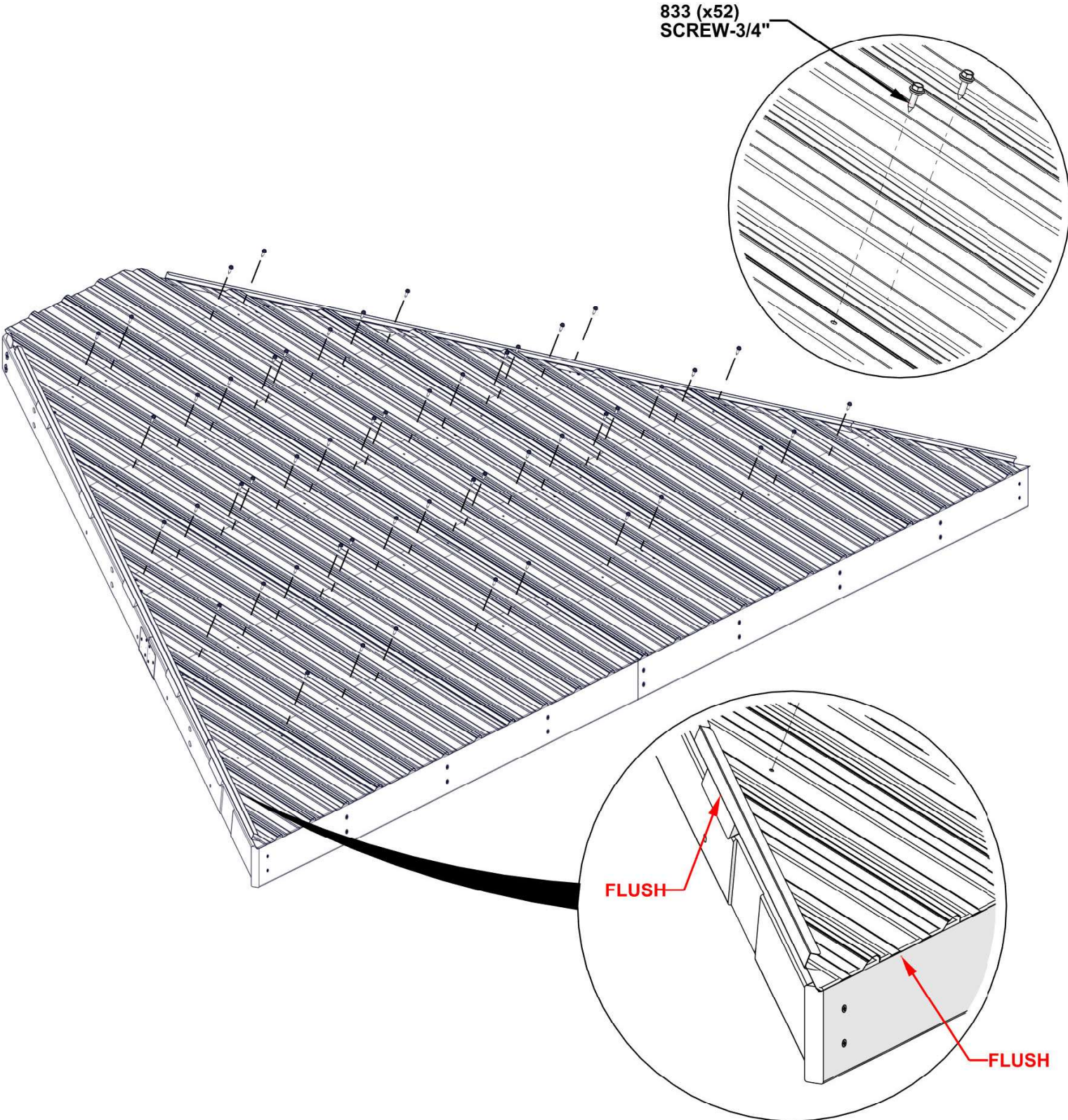
TIPS:

- 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.



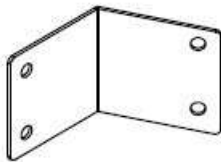
STEP 26 - 14FT ROOF PANEL ASSEMBLY

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

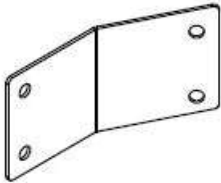


**REPEAT 14FT ROOF PANEL
ASSEMBLY STEPS 19 THROUGH 26**

STEP 27 - 12FT ROOF PANEL ASSEMBLY

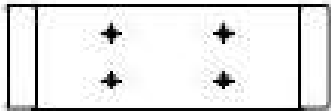


A4M01238 (1) | PANEL BRACKET



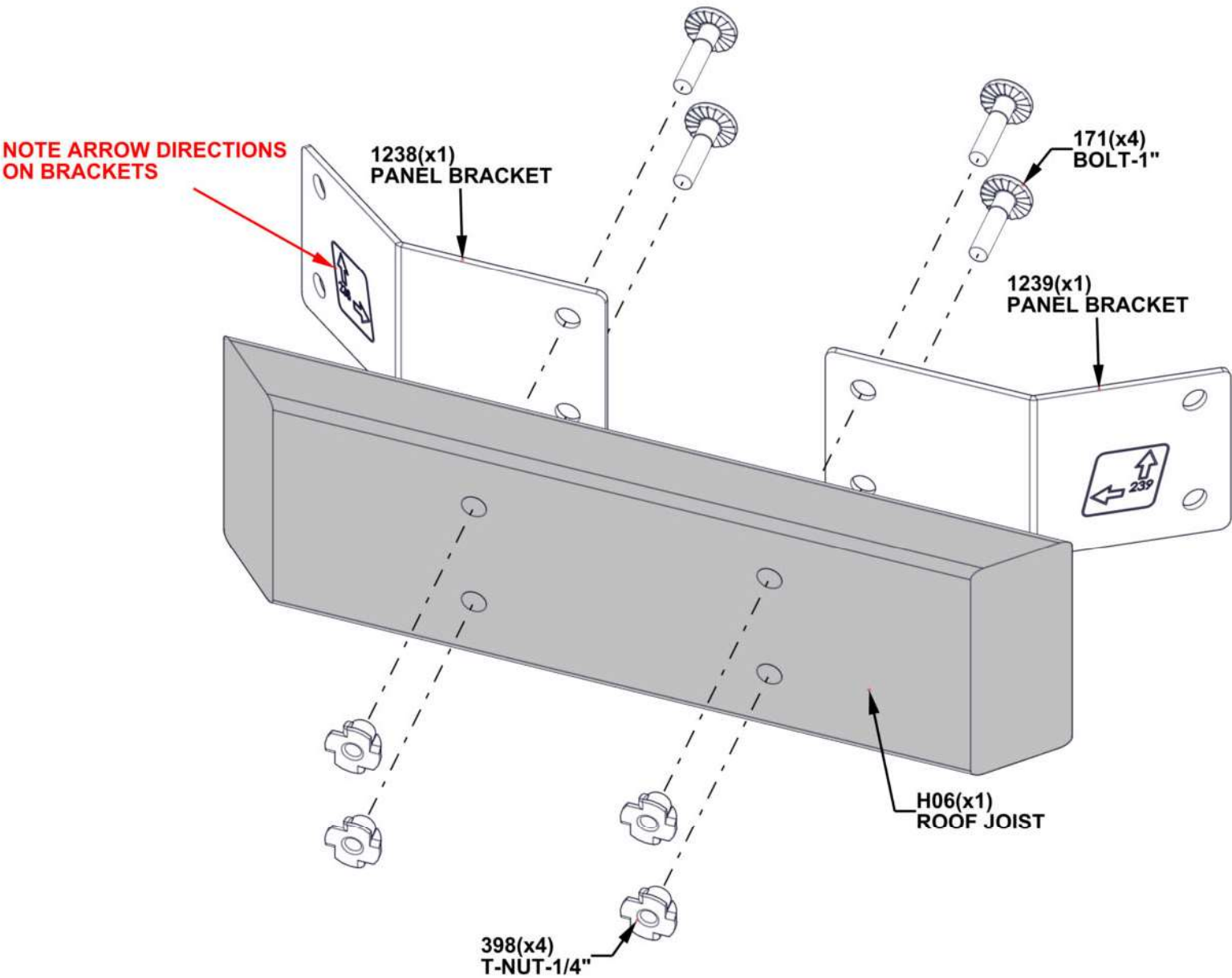
A4M01239 (1) | PANEL BRACKET

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



H06 (1) | ROOF JOIST - W4L15203
1"x3 3/8"x10 11/16" (24x86x272)

INSERT T-NUTS FIRST
HAND TIGHTEN ONLY



STEP 28 - 12FT ROOF PANEL ASSEMBLY



H11 ROOF JOIST- W4L15216
(1) 1"x3 3/8"x44 1/2" (24x86x1130)



H12 ROOF JOIST- W4L15220
(1) 1"x3 3/8"x44 1/2" (24x86x1130)

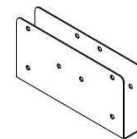


H07 ROOF JOIST - W4L15205
(1) 1"x3 3/8"x53 3/16" (24x86x1351)

QTY.	PART NUMBER	DESCRIPTION
4	H100171	BOLT WH 1/4x1 BLK
24	H100385	SCREW PFH 8x1 BLK
4	H100398	T-NUT 1/4 BLK

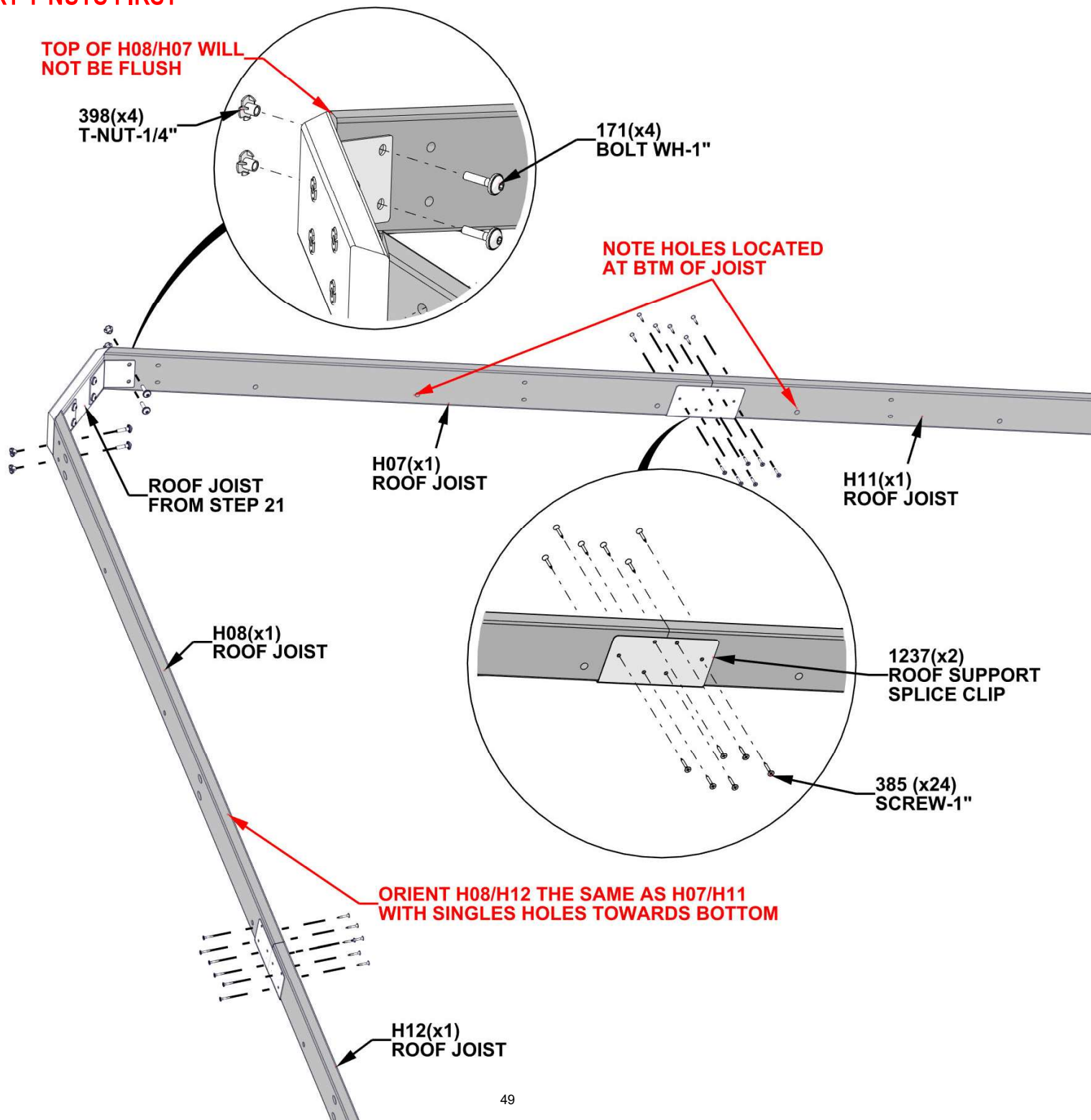


H08 ROOF JOIST - W4L15206
(1) 1"x3 3/8"x53 3/16" (24x86x1351)



A4M01237 ROOF SUPPORT
(2) SPLICE CLIP

INSERT T-NUTS FIRST



STEP 29 - 12FT ROOF PANEL ASSEMBLY

E05 | RAFTER - W4L15207

(1) 1 3/8"x3 3/8"x69" (36x86x1752)

E07 | RAFTER - W4L15209

(1) 1 3/8"x3 3/8"x21 15/16" (36x86x557)

E13 | RAFTER - W4L15219

(1) 1 3/8"x3 3/8"x21 15/16" (36x86x557)

E11 | RAFTER - W4L15217

(1) 1 3/8"x3 3/8"x69" (36x86x1752)

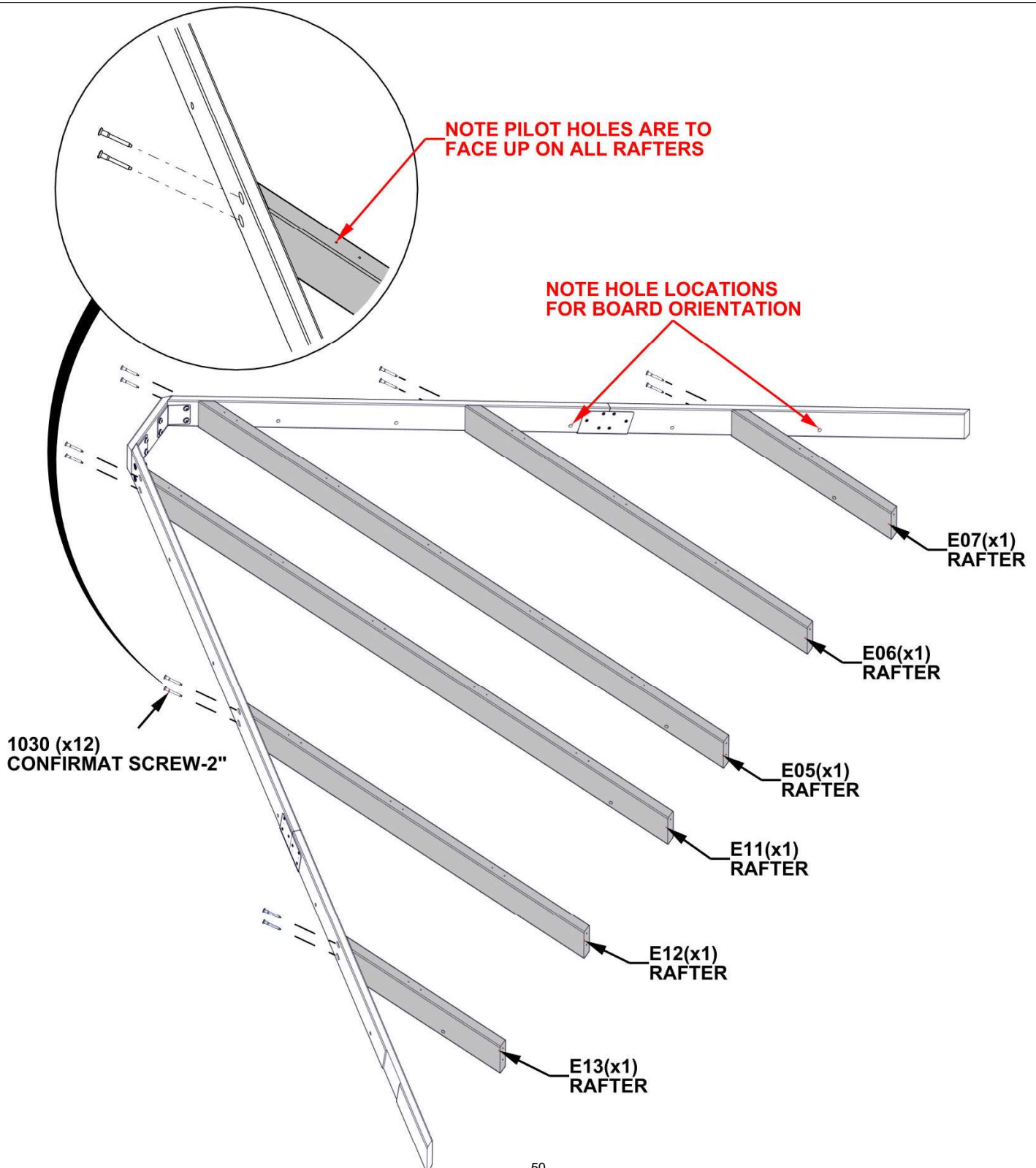
E06 | RAFTER - W4L15208

(1) 1 3/8"x3 3/8"x45 7/16" (36x86x1155)

E12 | RAFTER W4L15218

(1) 1 3/8"x3 3/8"x45 7/16" (36x86x1155)

QTY.	PART NUMBER	DESCRIPTION
12	H101030	SCREW 2" CONFIRMAT BLK



STEP 30A - 12FT ROOF PANEL ASSEMBLY

QTY.	PART NUMBER	DESCRIPTION
4	H100382	SCREW PFH 8x1 3/4 BLK
12	H101030	SCREW 2" CONRIMAT BLK



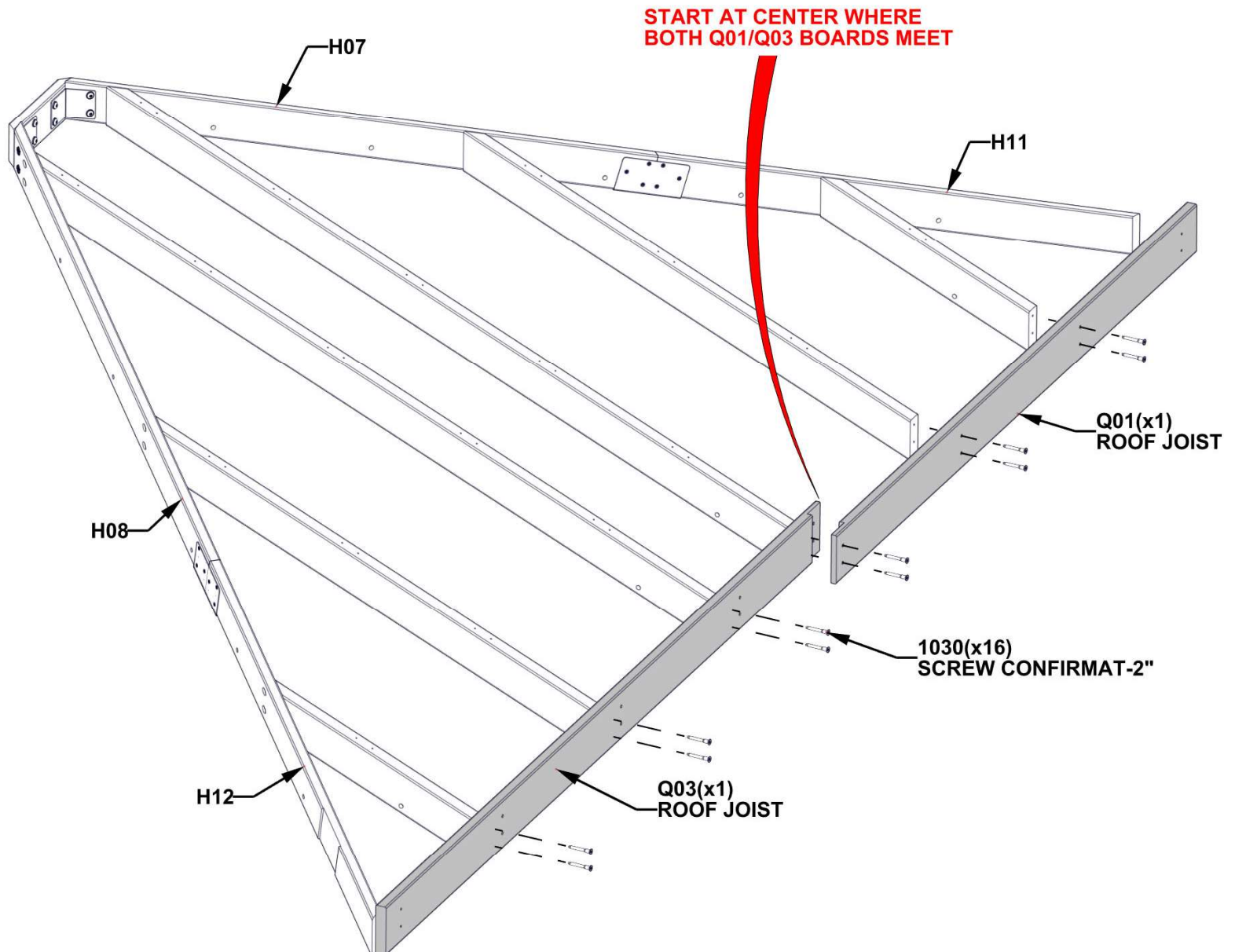
Q03 | ROOF JOIST- W4L15221
(1) | 1"x4 7/16"x80 1/2" (24x112x2044)



Q01 | ROOF JOIST- W4L15204
(1) | 1"x4 7/16"x65 15/16" (24x112x1675)

TIP:

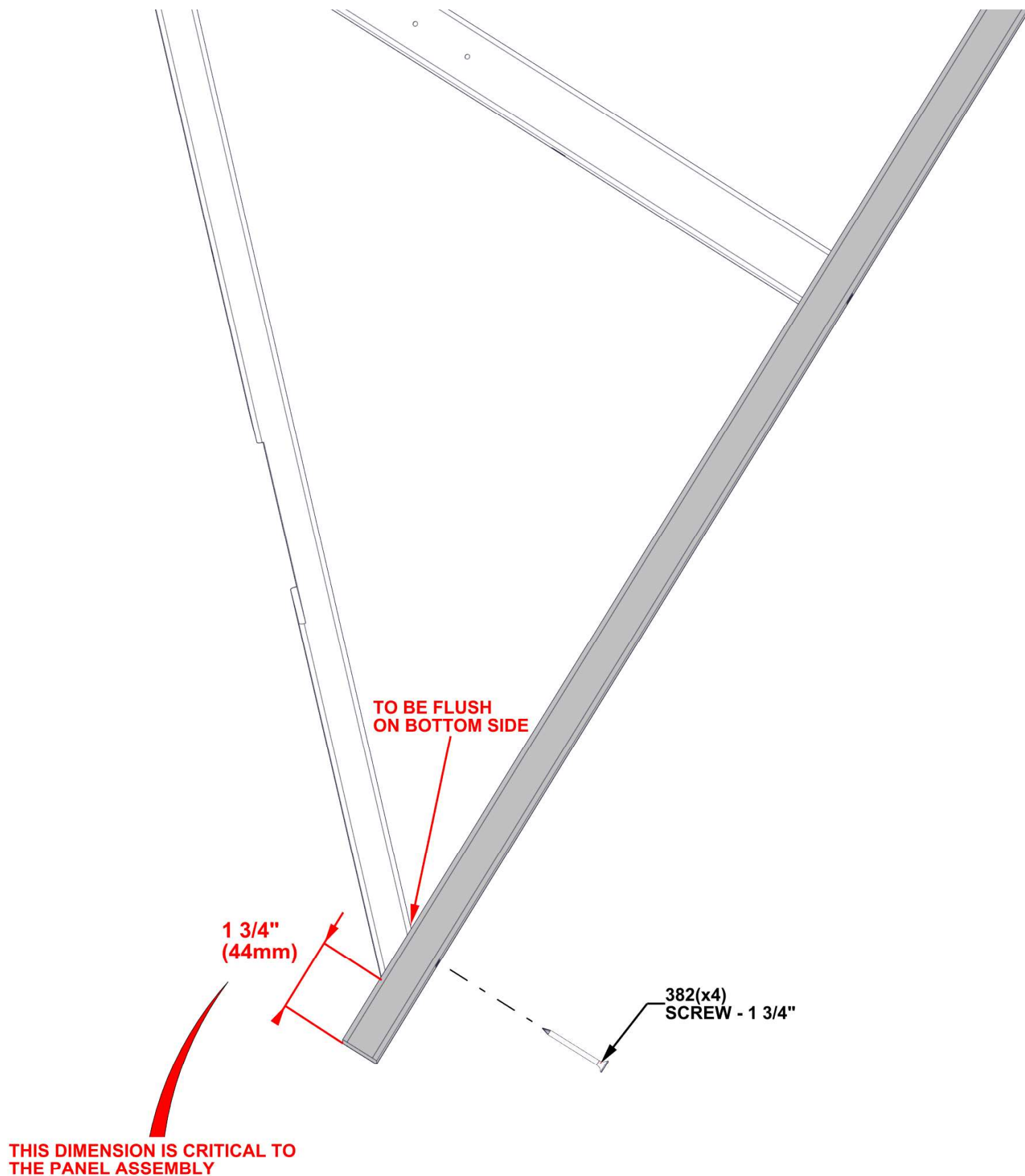
- RAFTERS MAY NEED TO BE LOOSENED TO ATTACH Q03 AND Q01 TO H11/H12



STEP 30B - 12FT ROOF PANEL ASSEMBLY

TIPS:

- USING THE Q03 BOARDS AS A GUIDE AND A 1/8" DRILL BIT, DRILL PILOT HOLES INTO THE H12 BOARD USING THE DIMENSION BELOW.
- REPEAT ON OPPOSITE END USING Q01 AS A GUIDE TO DRILL PILOT HOLES INTO THE H11 BOARD.



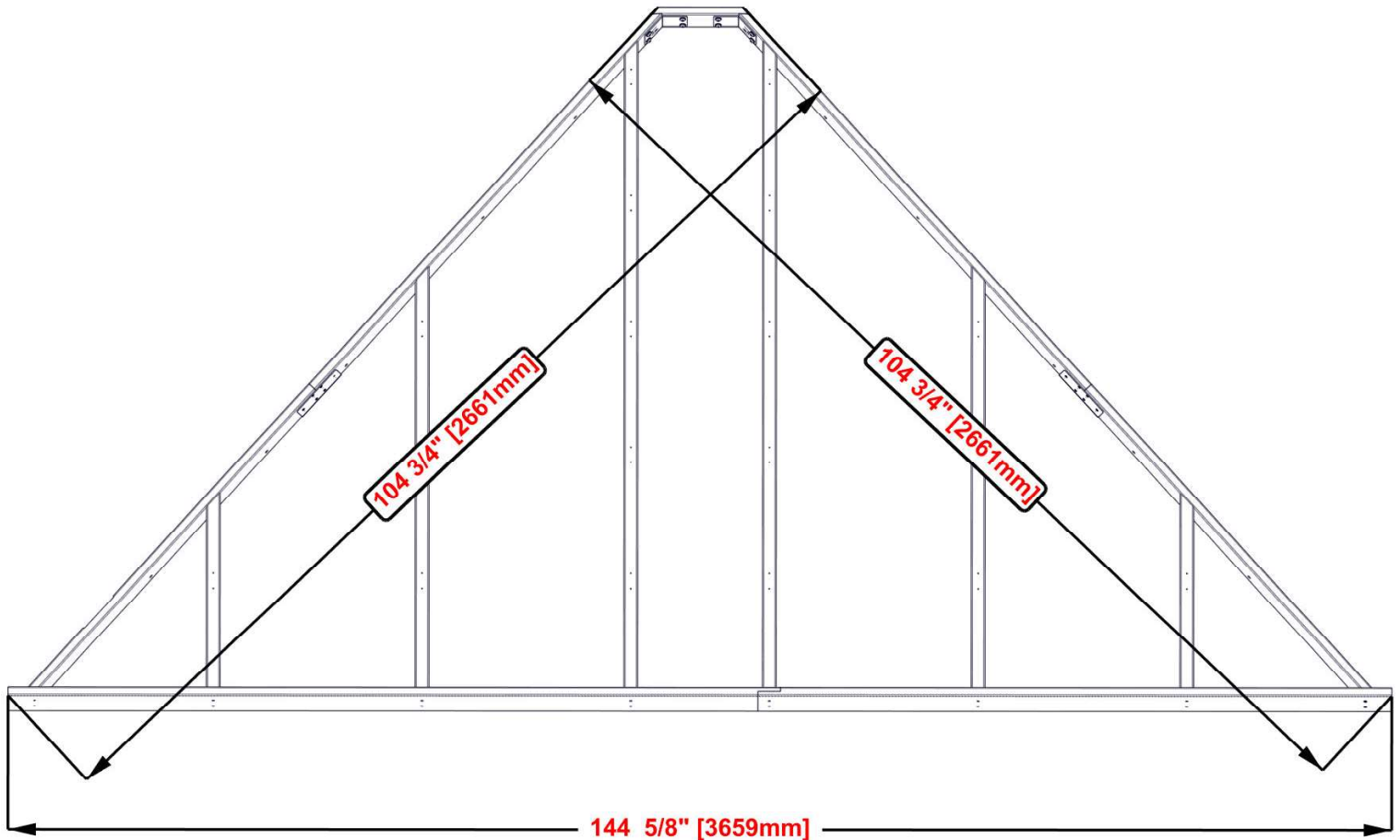
STEP 30C - 12FT ROOF PANEL ASSEMBLY

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 31 - 12FT ROOF PANEL ASSEMBLY

T02 PURLIN- W4L15239 (1) 1"x1 5/16"x12 3/4" (24x34x324))	H24 PURLIN W4L15232 (1) 1"x3 3/8"x27 1/4" (24x86x692)	H27 PURLIN- W4L15237 (1) 1"x3 3/8"x56" (24x86x1422)
H22 PURLIN- W4L15231 (1) 1"x3 3/8"x51 7/16" (24x86x1307)	H19 PURLIN- W4L15228 (1) 1"x3 3/8"x58 5/16" (24x86x1481)	H20 PURLIN- W4L15229 (1) 1"x3 3/8"x43 7/8" (24x86x1114)
H21 PURLIN- W4L15230 (1) 1"x3 3/8"x75 11/16" (24x86x1922)		
H28 PURLIN- W4L15238 (1) 1"x3 3/8"x70 1/2" (24x86x1791)		

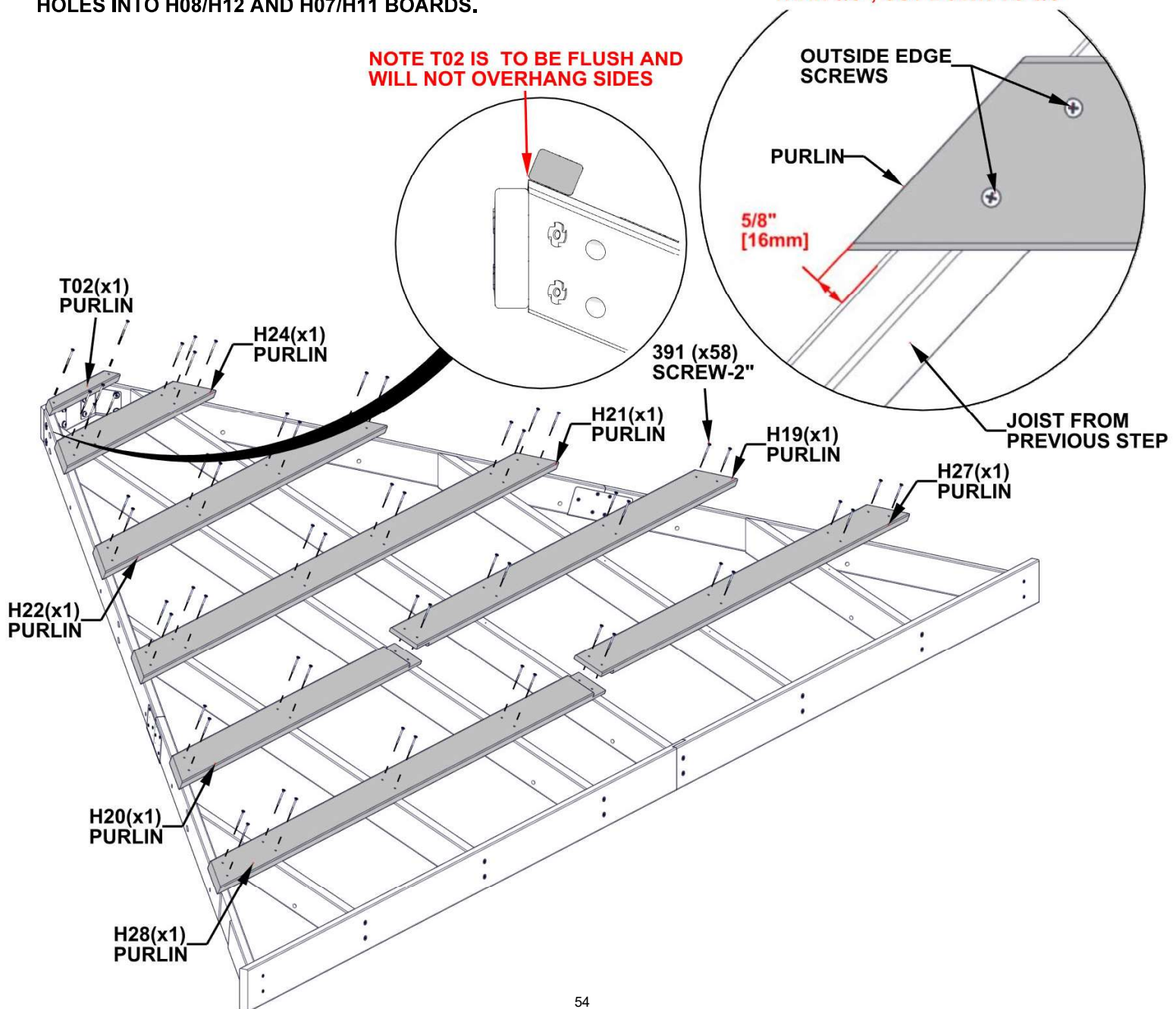
QTY.	PART NUMBER	DESCRIPTION
58	H100391	SCREW PFH 8x2 BLK

TIPS:

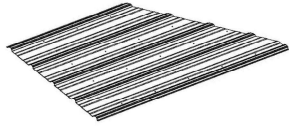
- ALIGN PURLIN PILOT HOLES WITH RAFTER PILOT HOLES
- ATTACH SCREWS FROM THE CENTER AND WORK OUTWARD
- H08/H12 AND H07/H11 DO NOT HAVE PILOT HOLES FOR OUTSIDE EDGE SCREWS.
- USING THE PURLINS AS A GUIDE AND A 1/8" DRILL BIT, DRILL PILOT HOLES INTO H08/H12 AND H07/H11 BOARDS.

NOTE T02 IS TO BE FLUSH AND WILL NOT OVERHANG SIDES

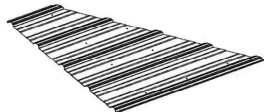
IF PURLINS OVERHANG MORE THAN 5/8", CUT DOWN TO 5/8"



STEP 32 - 12FT ROOF PANEL ASSEMBLY



A4M01246-2
(1) | 29 GA STEEL SHEETING



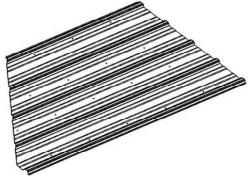
A4M01245-2
(1) | 29 GA STEEL SHEETING



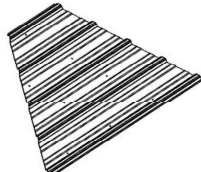
A4M01241-2
(1) | 29 GA STEEL SHEETING



A4M01244-2
(1) | 29 GA STEEL SHEETING



A4M01243-2
(1) | 29 GA STEEL SHEETING



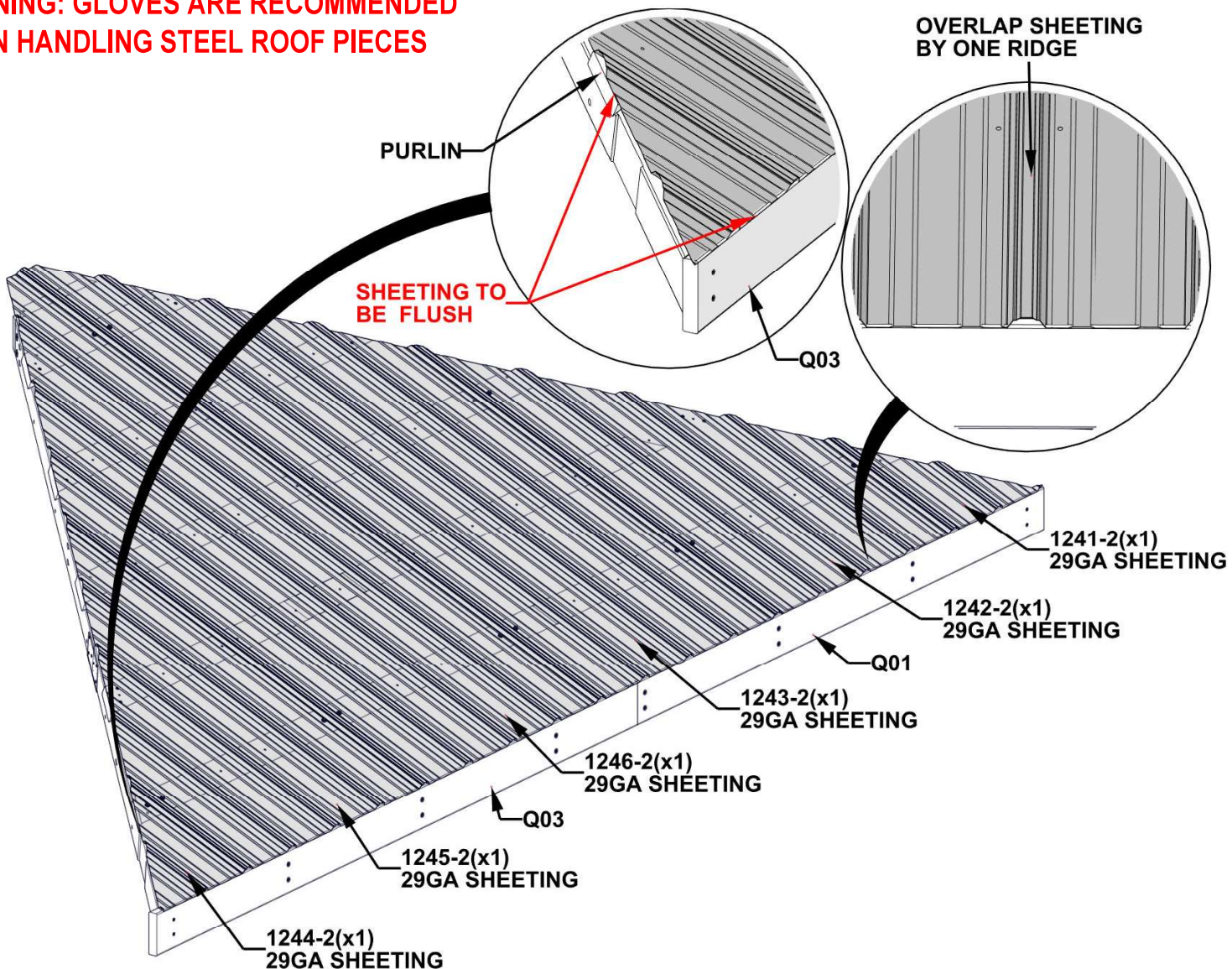
A4M01242-2
(1) | 29 GA STEEL SHEETING

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

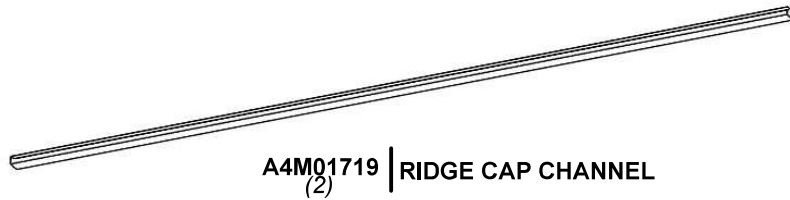
TIPS:

- 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 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 33 - 12FT ROOF PANEL ASSEMBLY

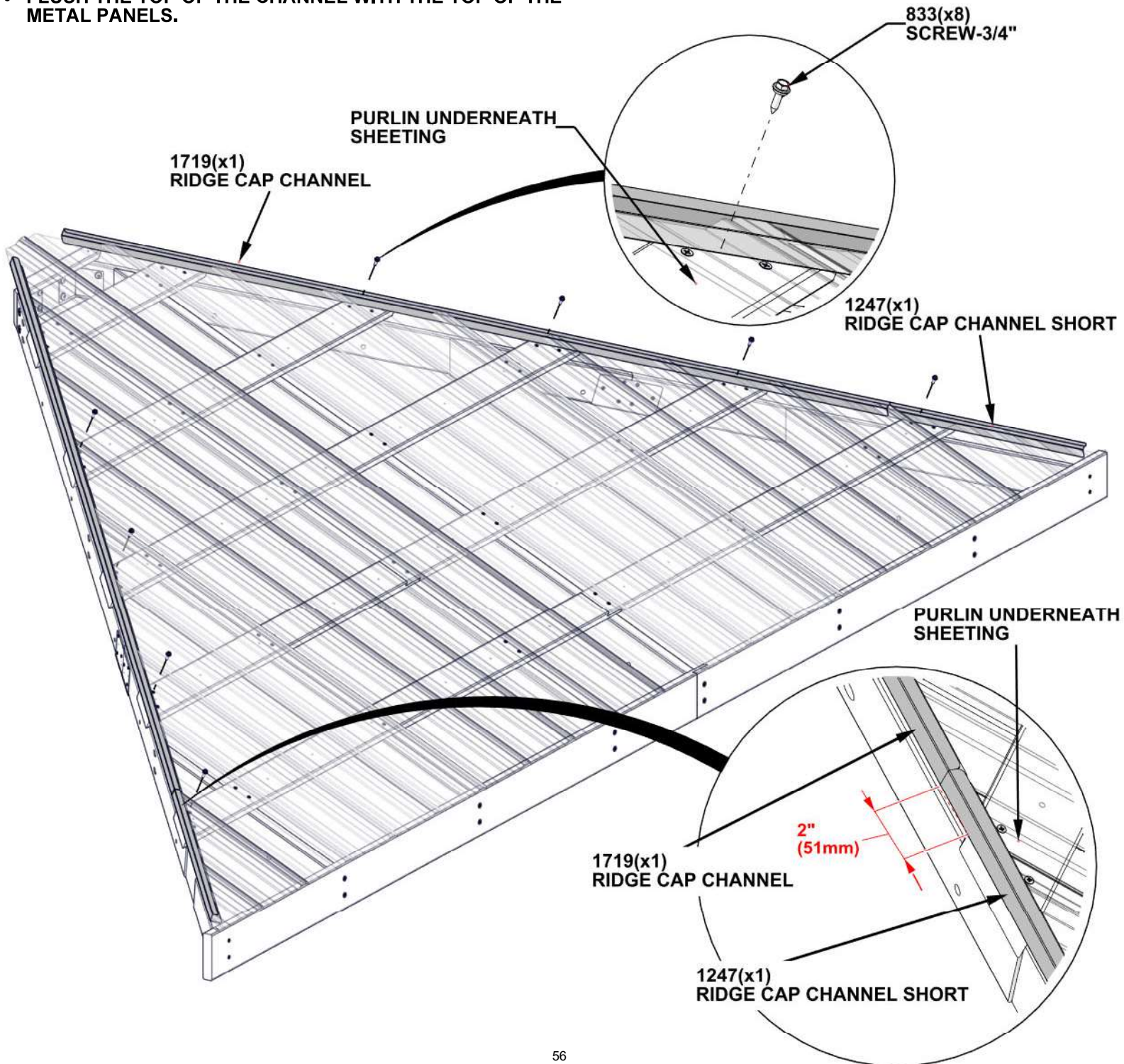


QTY.	PART NUMBER	DESCRIPTION
8	H100833	SCREW WOODGRIP 10-16x3/4"



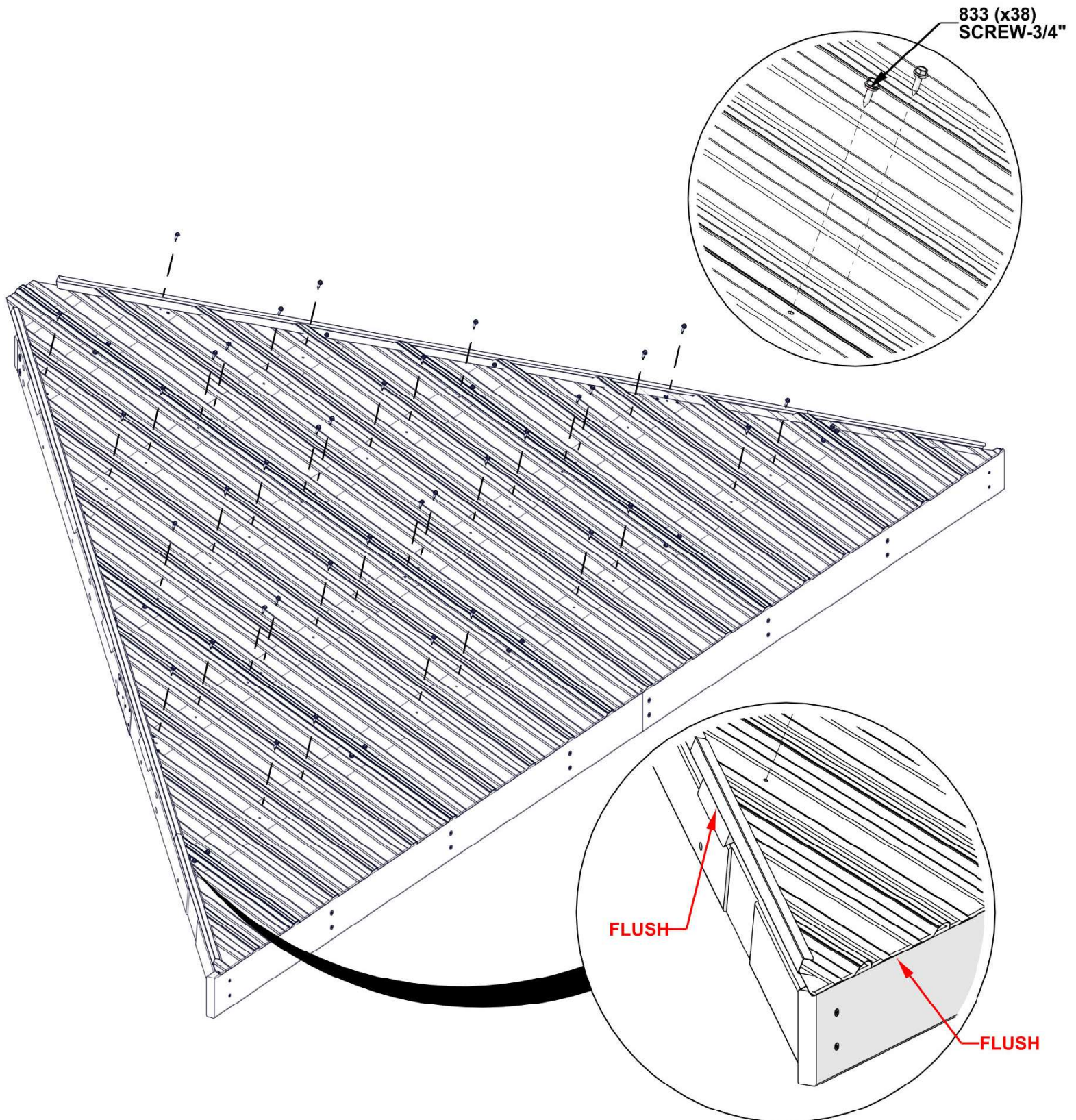
TIPS:

- 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 34 - 12FT ROOF PANEL ASSEMBLY

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



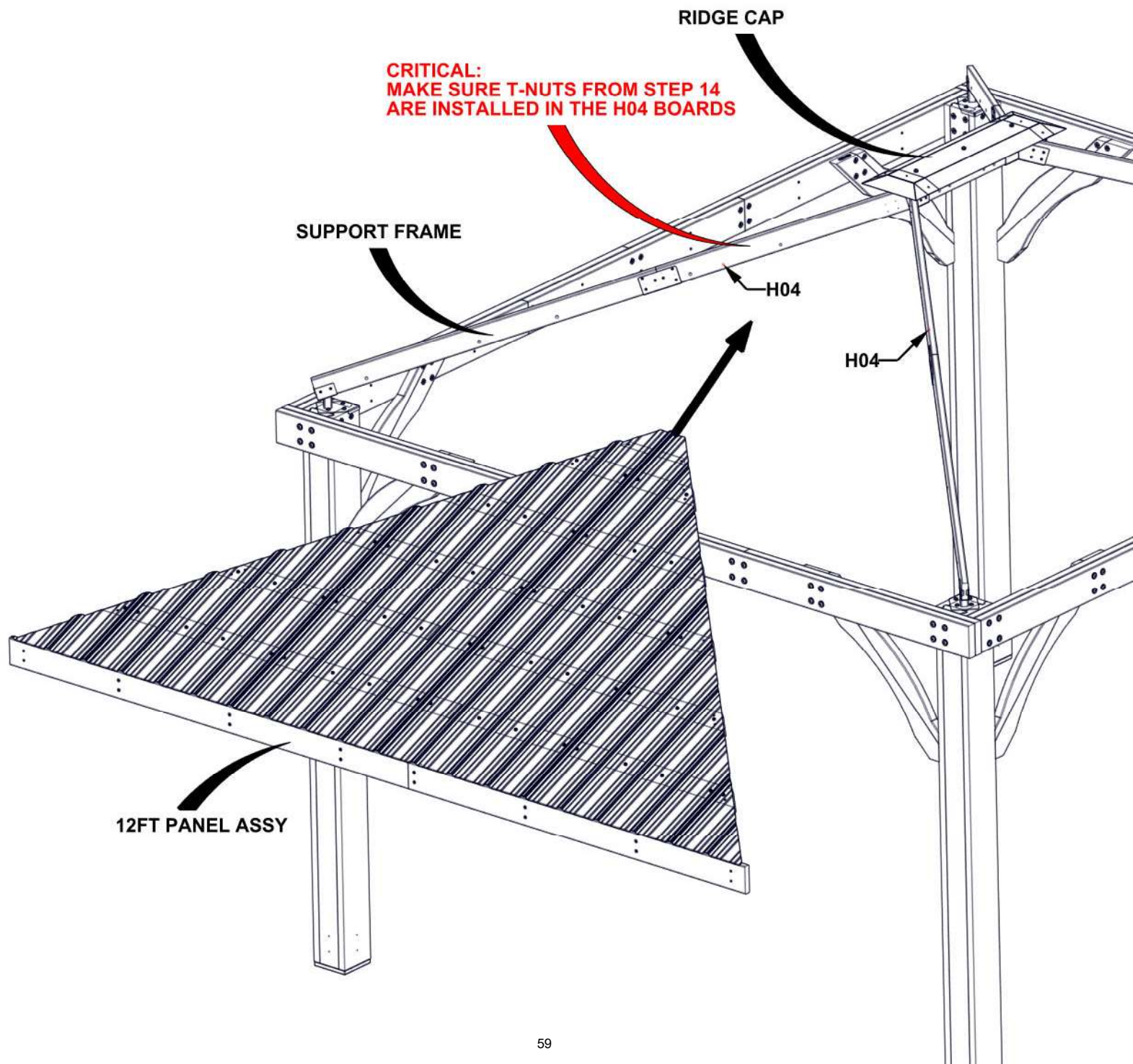
**REPEAT 12FT ROOF PANEL
ASSEMBLY STEPS 27 THROUGH 34**

STEP 35A - 12FT 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.

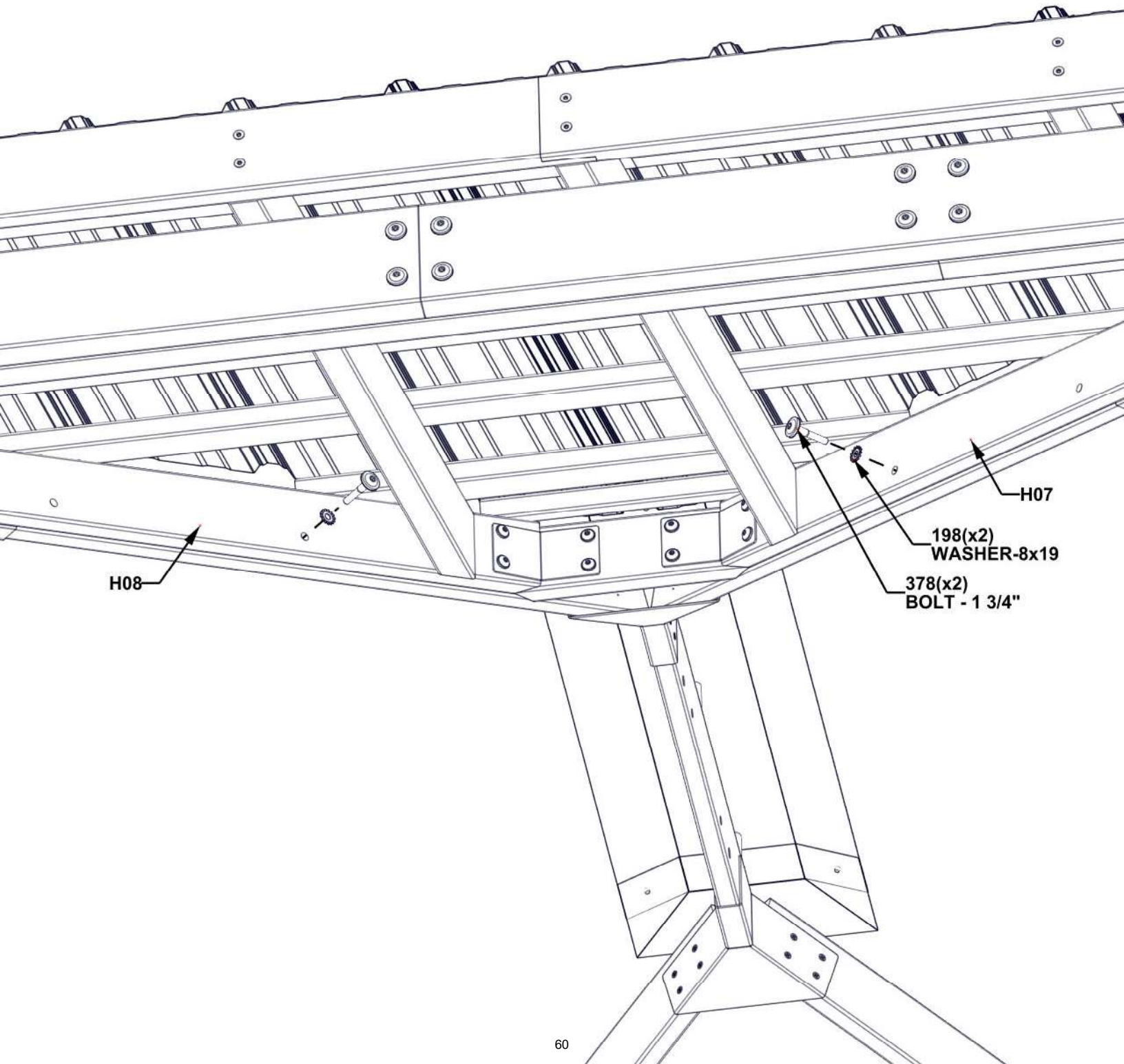
WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL ROOF PIECES



STEP 35B - 12FT 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 FIRST HOLE FROM THE TOP OF THE H07 & H08 BOARDS.
- HAND TIGHTEN ONLY**



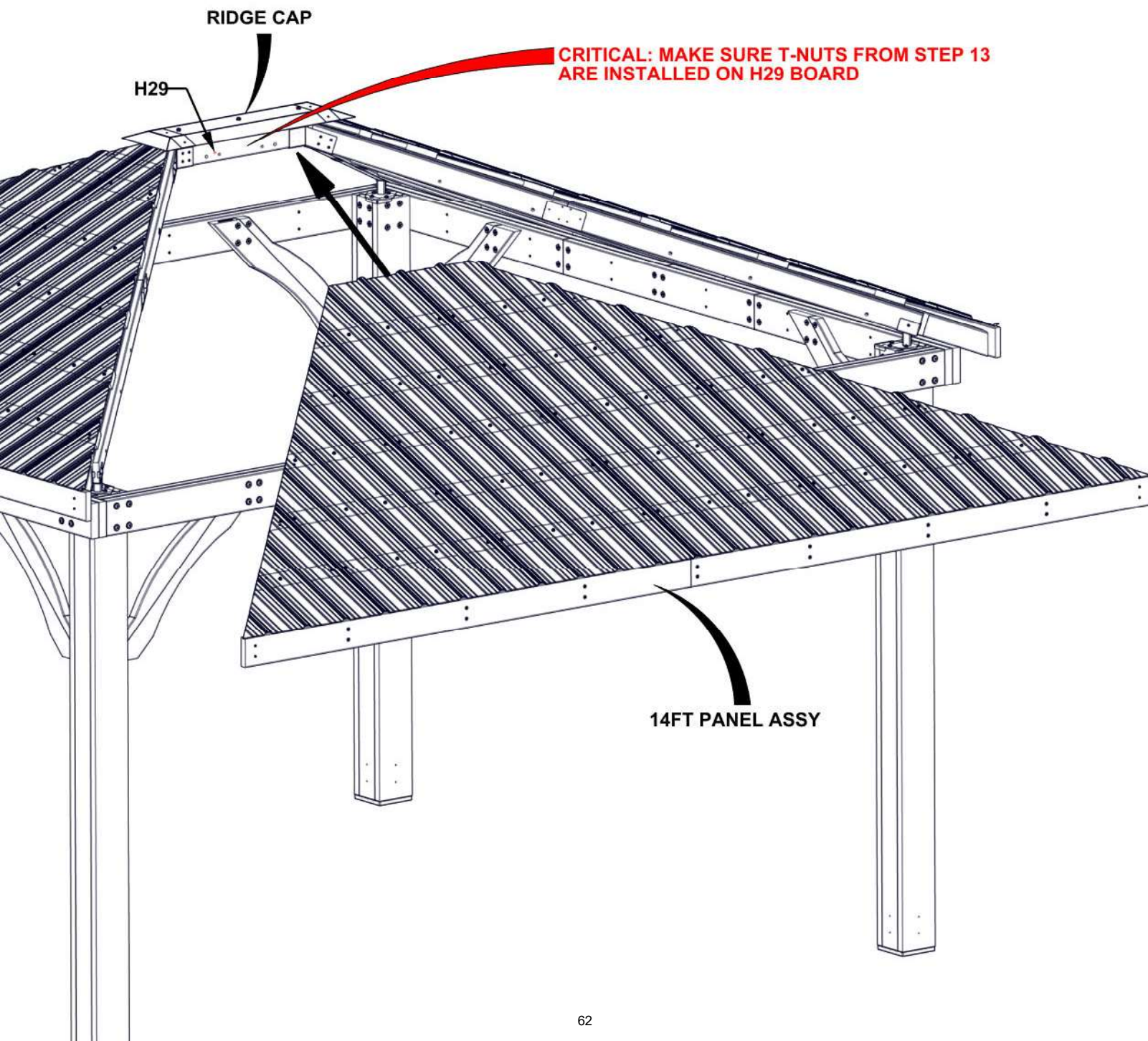
**REPEAT 12FT ROOF PANEL INSTALLATION
STEPS 35A & 35B**

STEP 36A - 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.

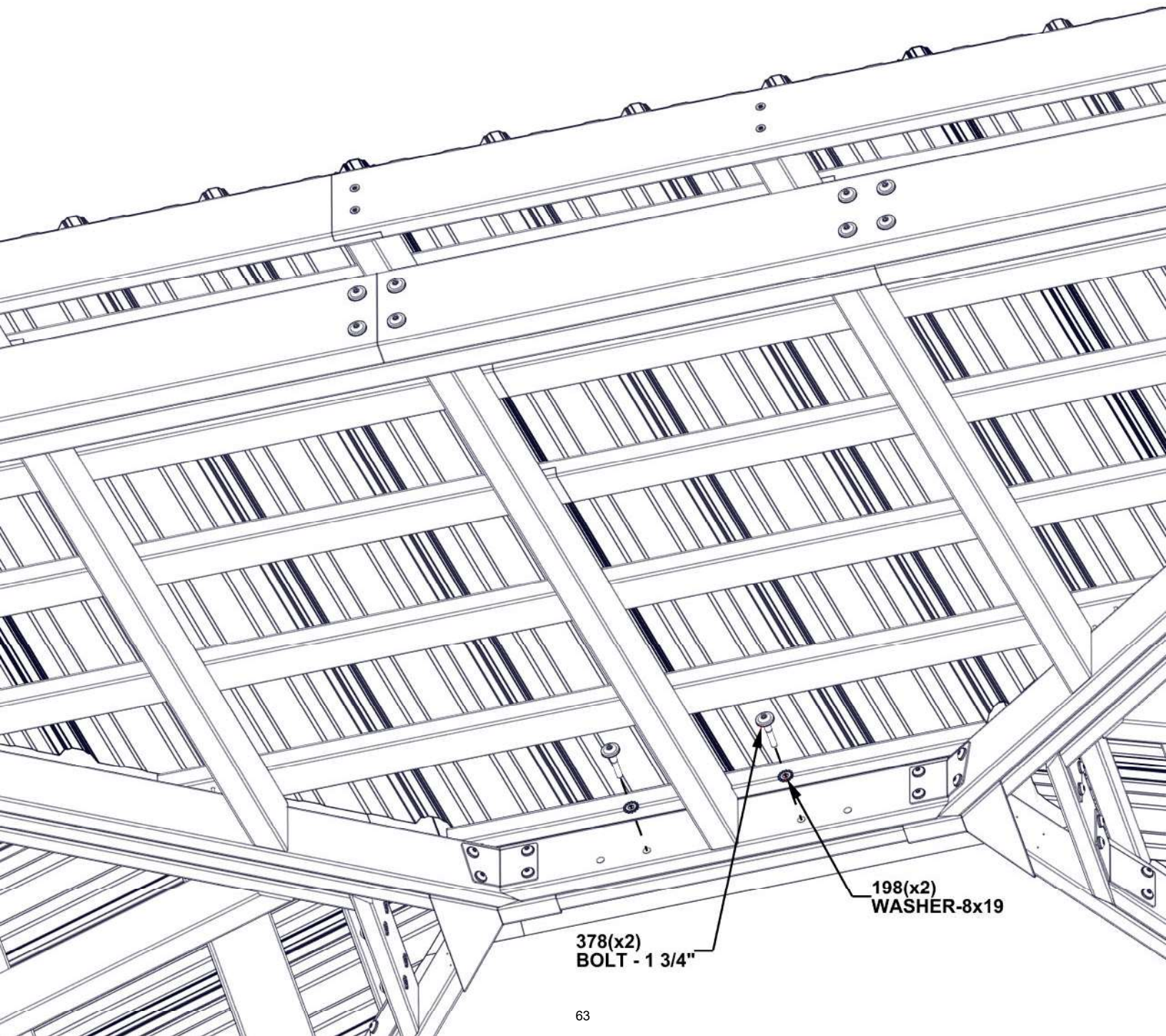
WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL ROOF PIECES



STEP 36B - 14FT ROOF PANEL ATTACHMENT

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

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



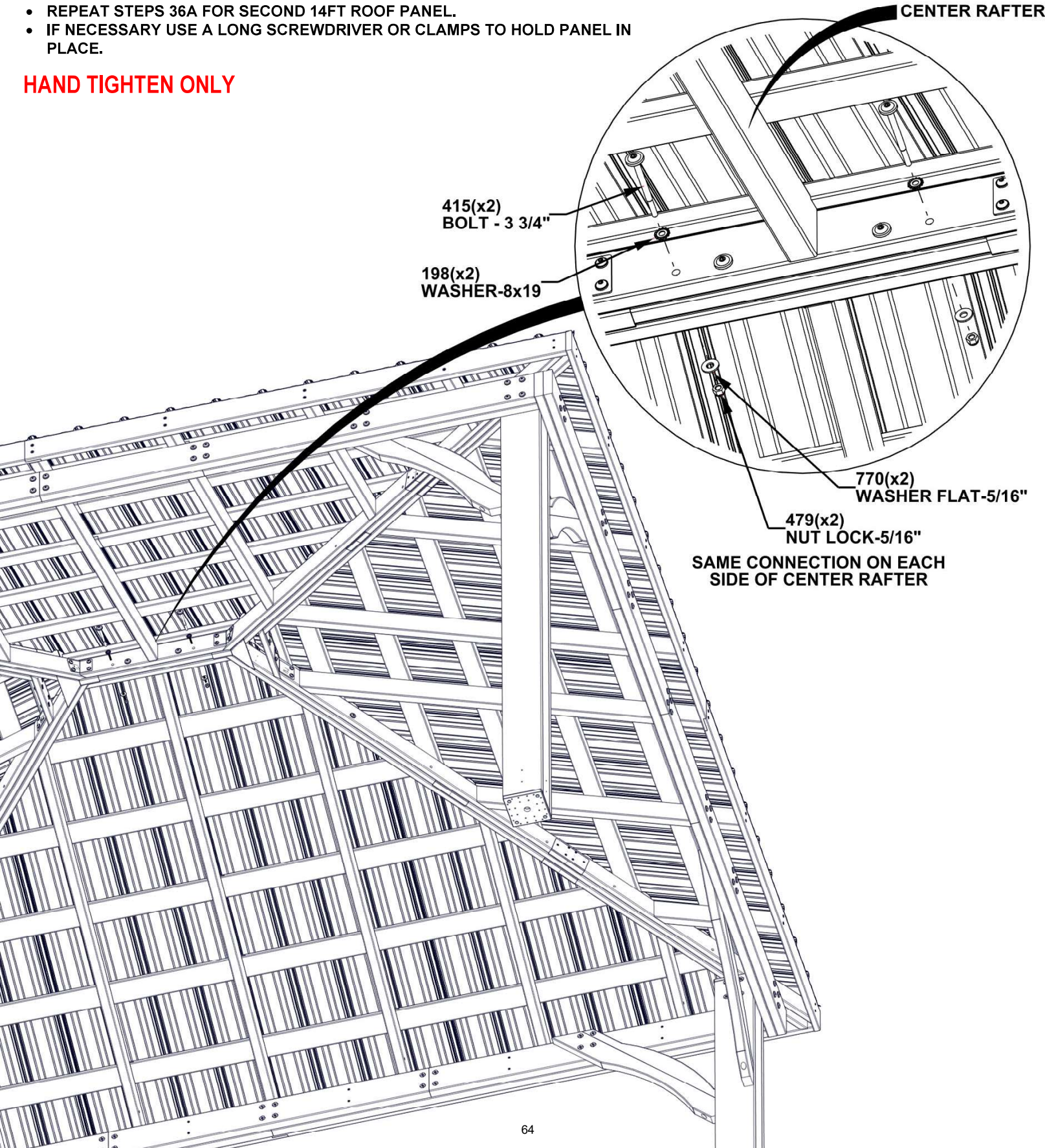
STEP 37A - 14FT ROOF PANEL ATTACHMENT

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

TIPS:

- REPEAT STEPS 36A FOR SECOND 14FT ROOF PANEL.
- IF NECESSARY USE A LONG SCREWDRIVER OR CLAMPS TO HOLD PANEL IN PLACE.

HAND TIGHTEN ONLY

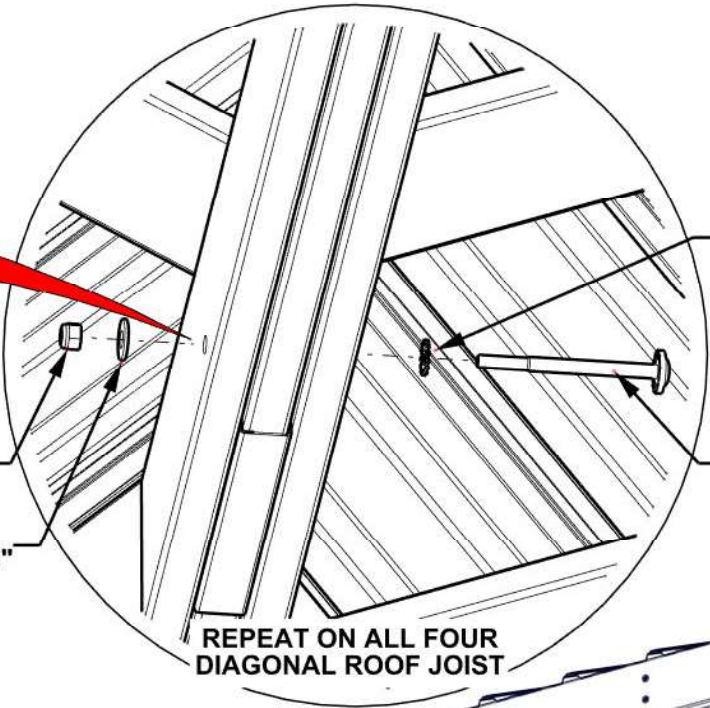


STEP 37B - 14FT ROOF PANEL ATTACHMENT

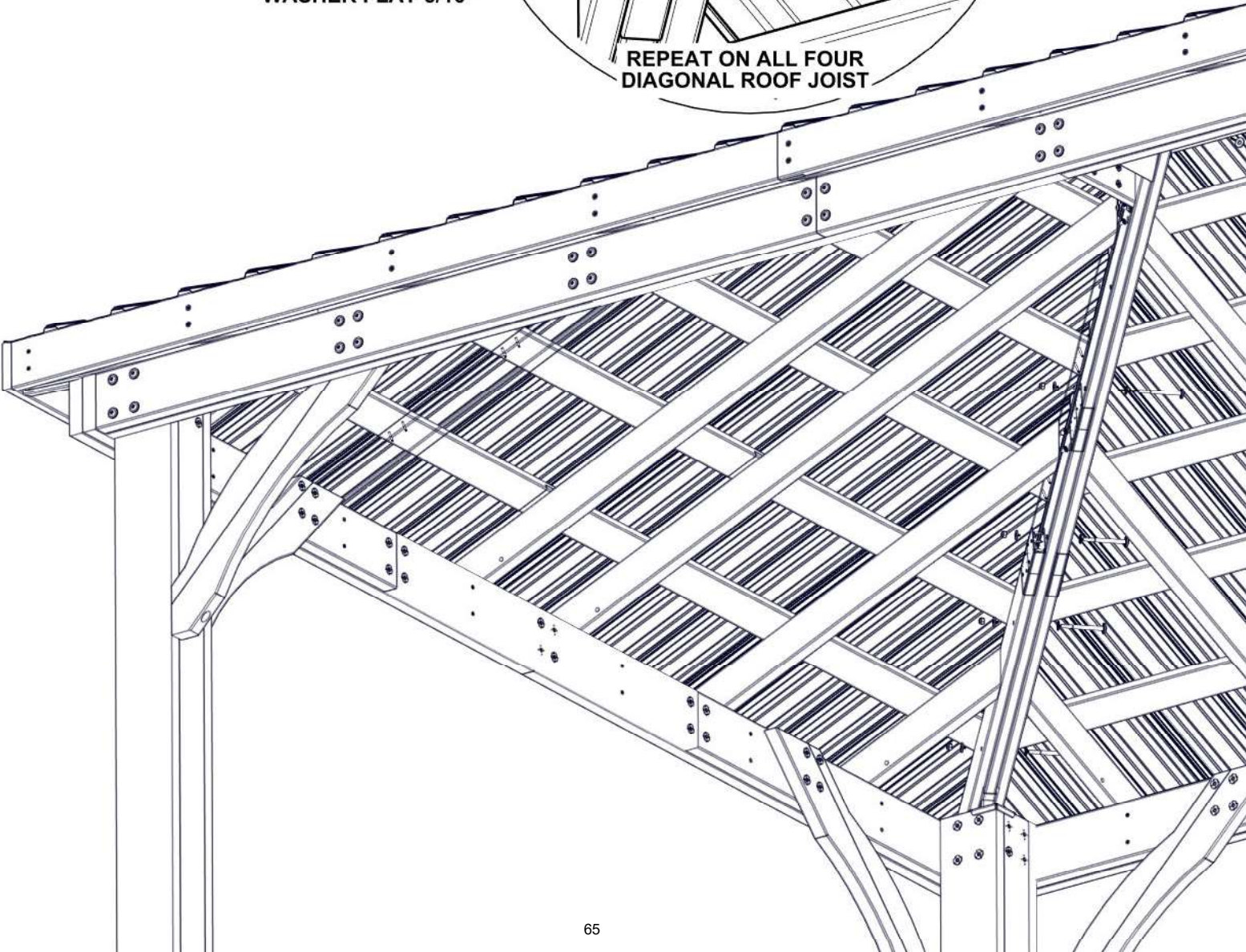
QTY	PART NUMBER	DHSCRIPTIO9
16	H100198	WAS1ER LOCK EXT 8X91 BLK
16	H100415	BOLT WH 5/16x3 3/4 BLK
16	H100479	NUT LOCK 5/16 BLK
16	H100770	WASHER FLAT 9.5x22 BLK

HAND TIGHTEN ONLY

IF THE HOLES ARE SLIGHTLY UNALIGNED, DRIVE THE BOLT THROUGH THE (3) BOARDS USING A DRILL THIS WILL ENABLE THE BOLTS TO SCREW INTO THE HOLES

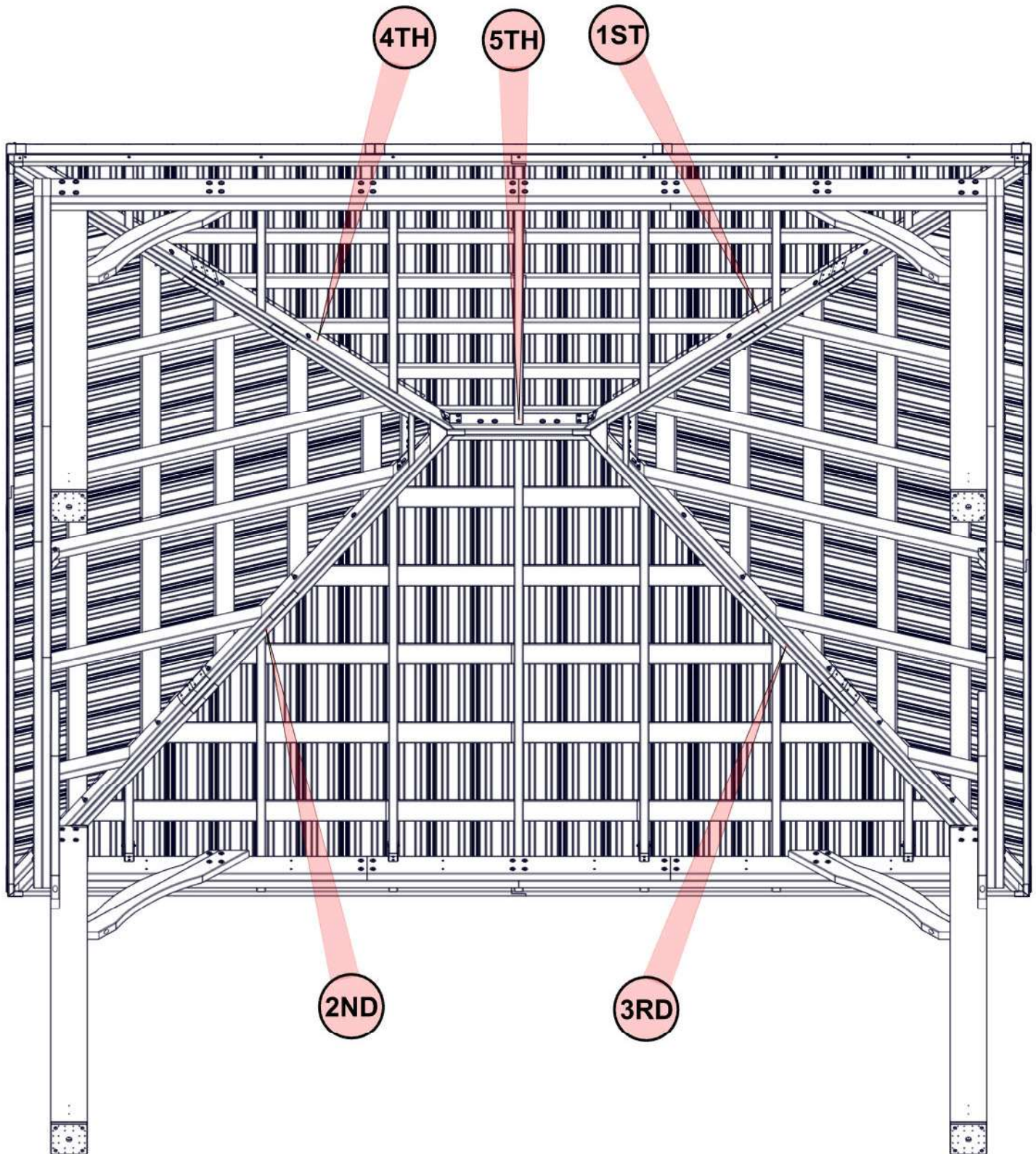


REPEAT ON ALL FOUR DIAGONAL ROOF JOIST

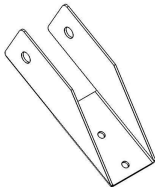


STEP 38 - ROOF PANEL ATTACHMENT

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



STEP 39 - ROOF ASSEMBLY

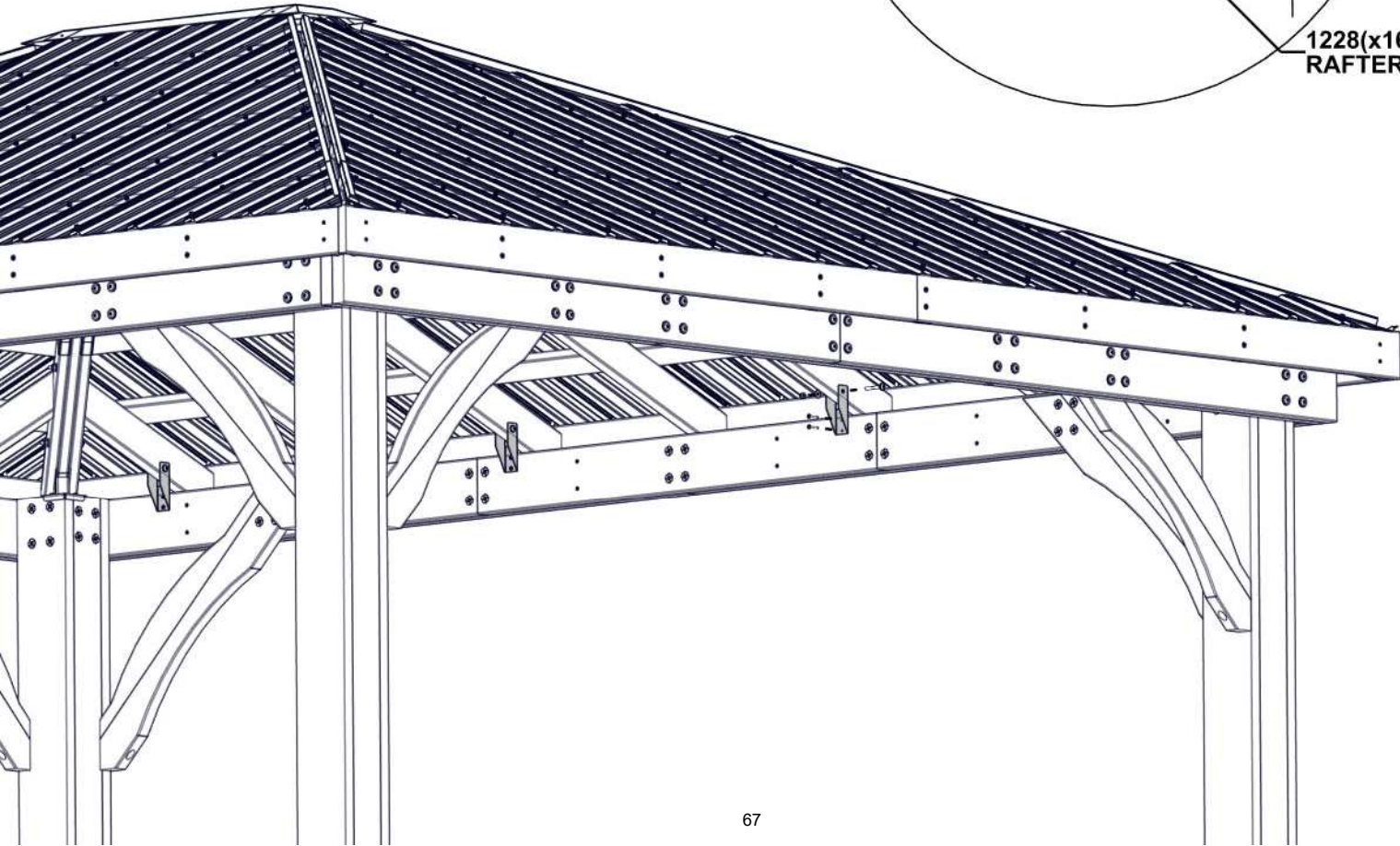
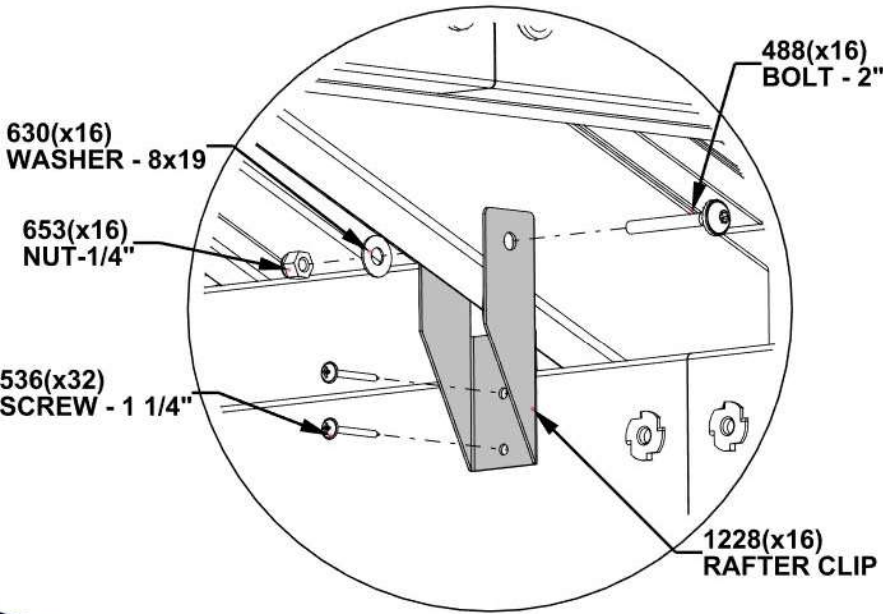


A4M01228
(16) RAFTER CLIP

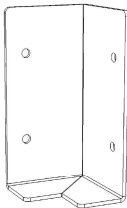
QTY	PART NUMBER	DESCRIPTION
16	H100488	BOLT WH 1/4x2 BLK
32	H100536	SCREW PWH 8x1 1/4 BLK
16	H100630	WASHER FLAT 8x19 BLK
16	H100653	NUT LOCK 1/4 BLK

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.
- NOTE THERE ARE NO RAFTER CLIPS WHERE CORBELS ARE LOCATED.

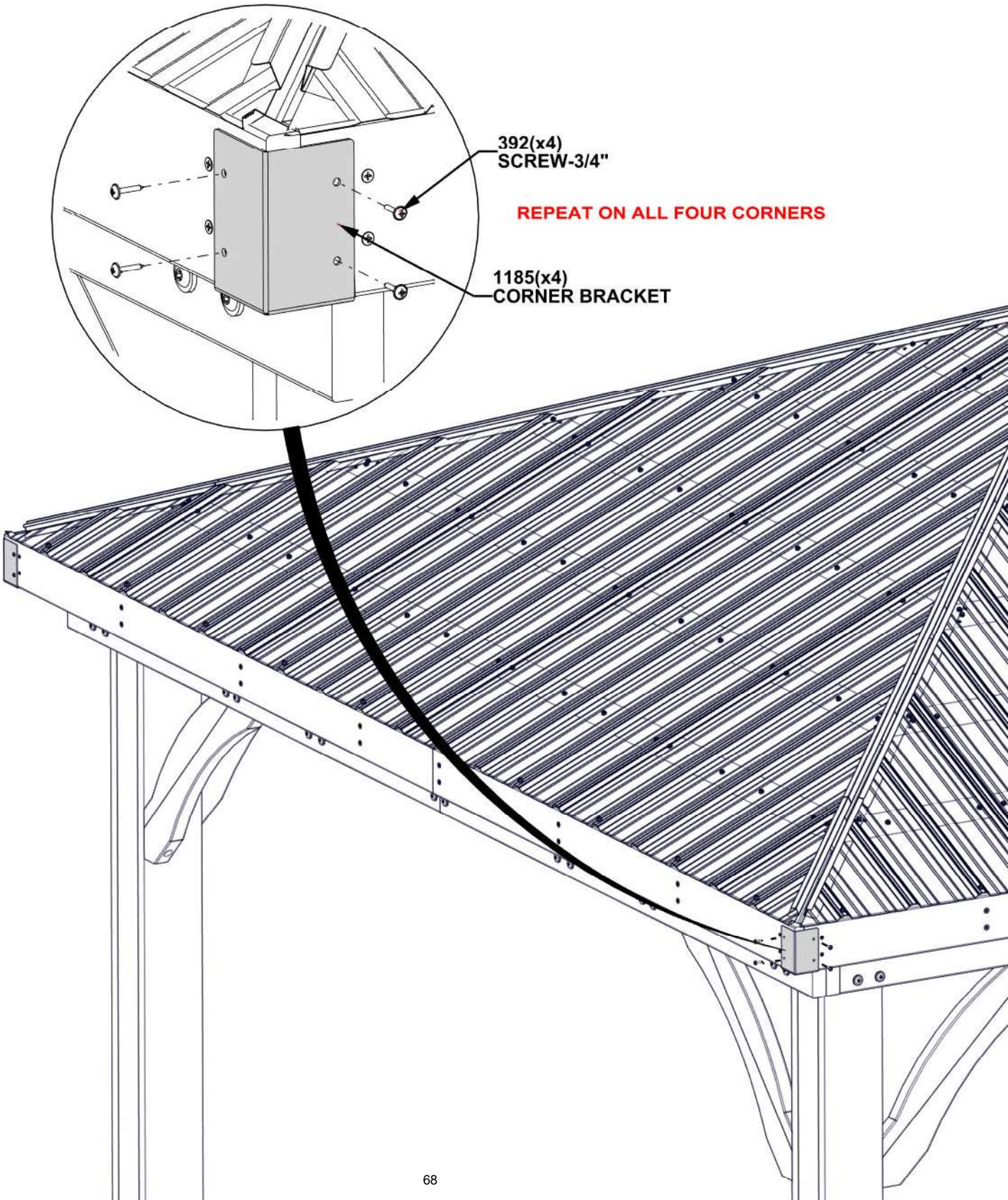


STEP 40 - ROOF ASSEMBLY



A4M01185
(4) CORNER BRACKET

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



392(x4)
SCREW-3/4"

REPEAT ON ALL FOUR CORNERS

1185(x4)
CORNER BRACKET

STEP 41 - 14FT ROOF TRIM

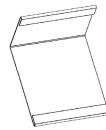


A4M01200
(4) | EDGE TRIM MEDIUM

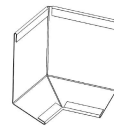


A4M01203
(2) | EDGE TRIM SHORT

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



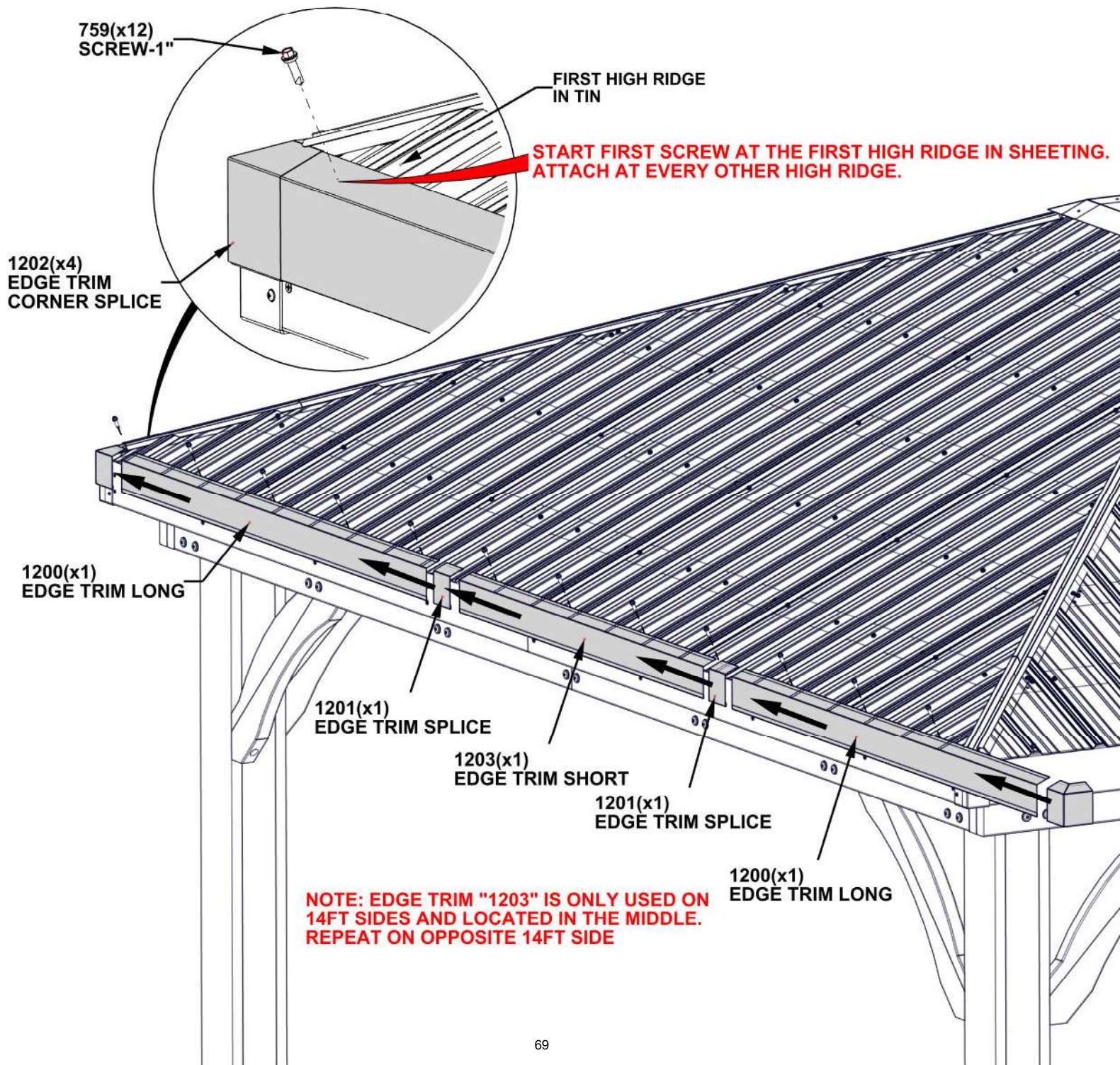
A4M01201
(4) | EDGE TRIM SPLICE



A4M01202
(4) | EDGE TRIM CORNER SPLICE

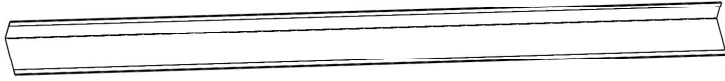
TIPS:

- 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

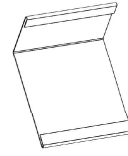


STEP 42 - 12FT ROOF TRIM

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



A4M01257 | EDGE TRIM LONG
(4)



A4M01201 | EDGE TRIM SPLICE
(2)

TIPS:

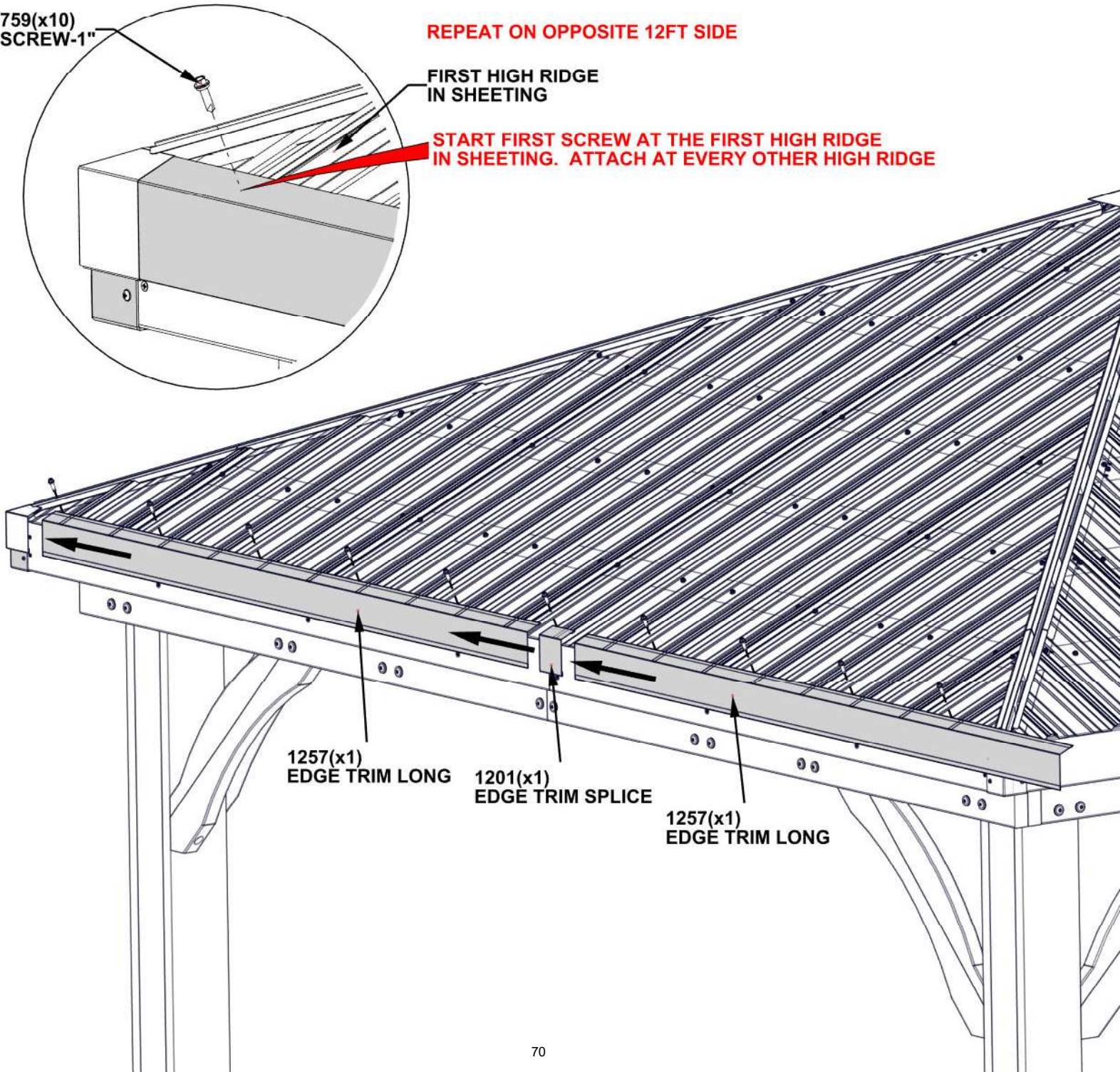
- START ON THE LEFT SIDE OF A 12FT PANEL.
- SLIDE EDGE TRIM PIECES TOGETHER AS SHOWN BELOW.
- MAKE SURE ALL PANELS ARE COVERED BEFORE INSTALLING SCREWS.
- INSTALL H100759 SCREWS AS SHOWN.

759(x10)
SCREW-1"

REPEAT ON OPPOSITE 12FT SIDE

FIRST HIGH RIDGE
IN SHEETING

START FIRST SCREW AT THE FIRST HIGH RIDGE
IN SHEETING. ATTACH AT EVERY OTHER HIGH RIDGE

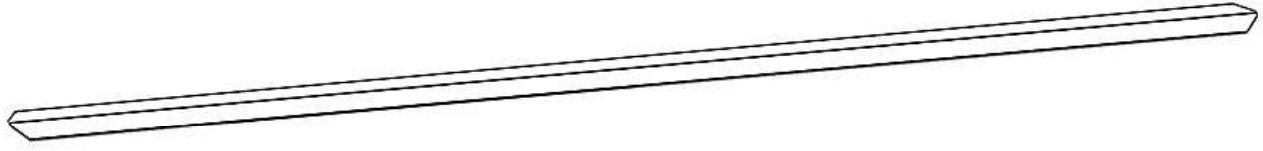


1257(x1)
EDGE TRIM LONG

1201(x1)
EDGE TRIM SPLICE

1257(x1)
EDGE TRIM LONG

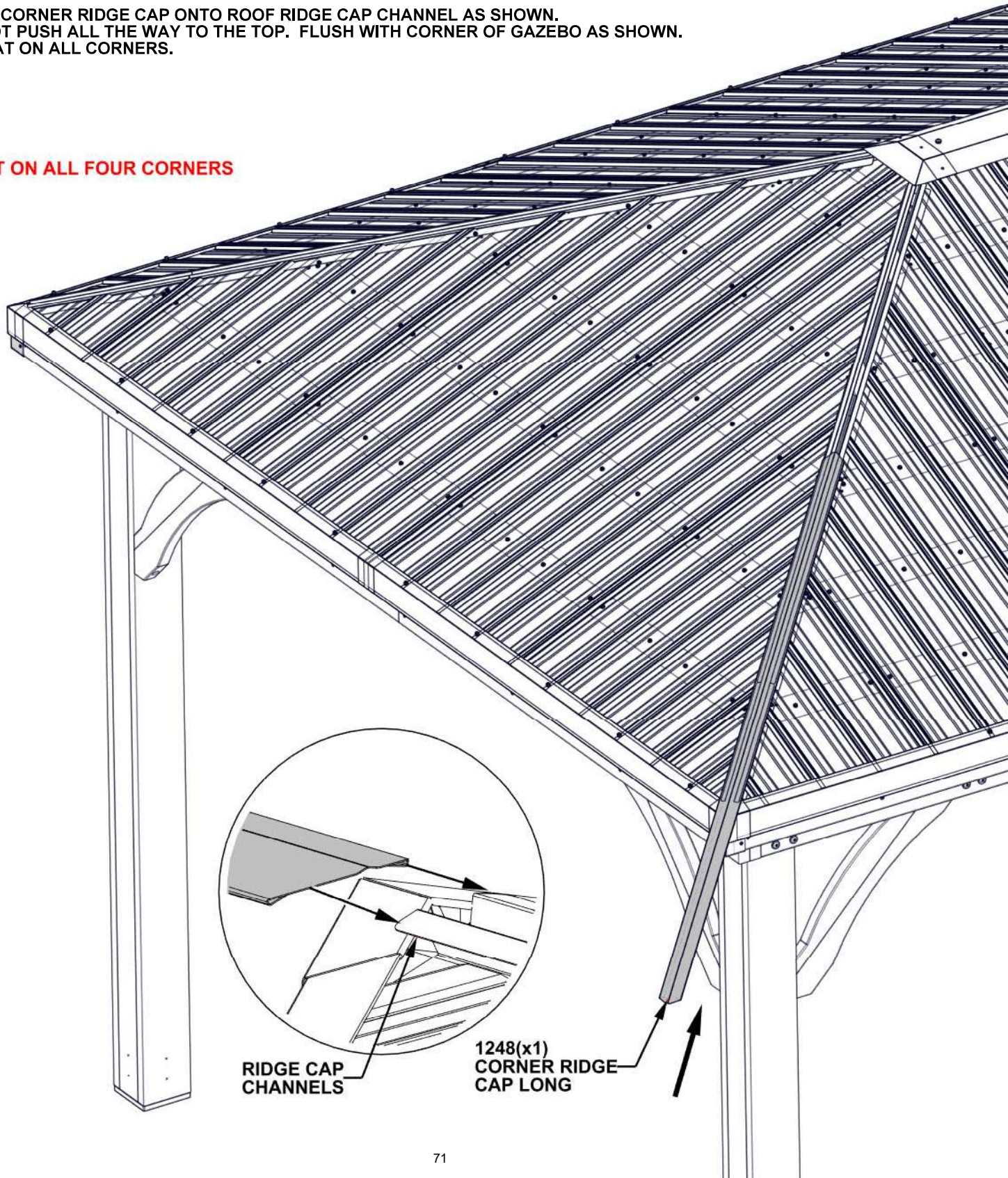
STEP 43 - ROOF ASSEMBLY



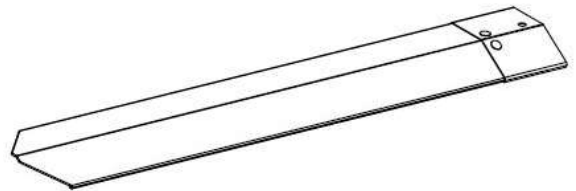
A4M01248
(4) CORNER RIDGE CAP LONG

- 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.

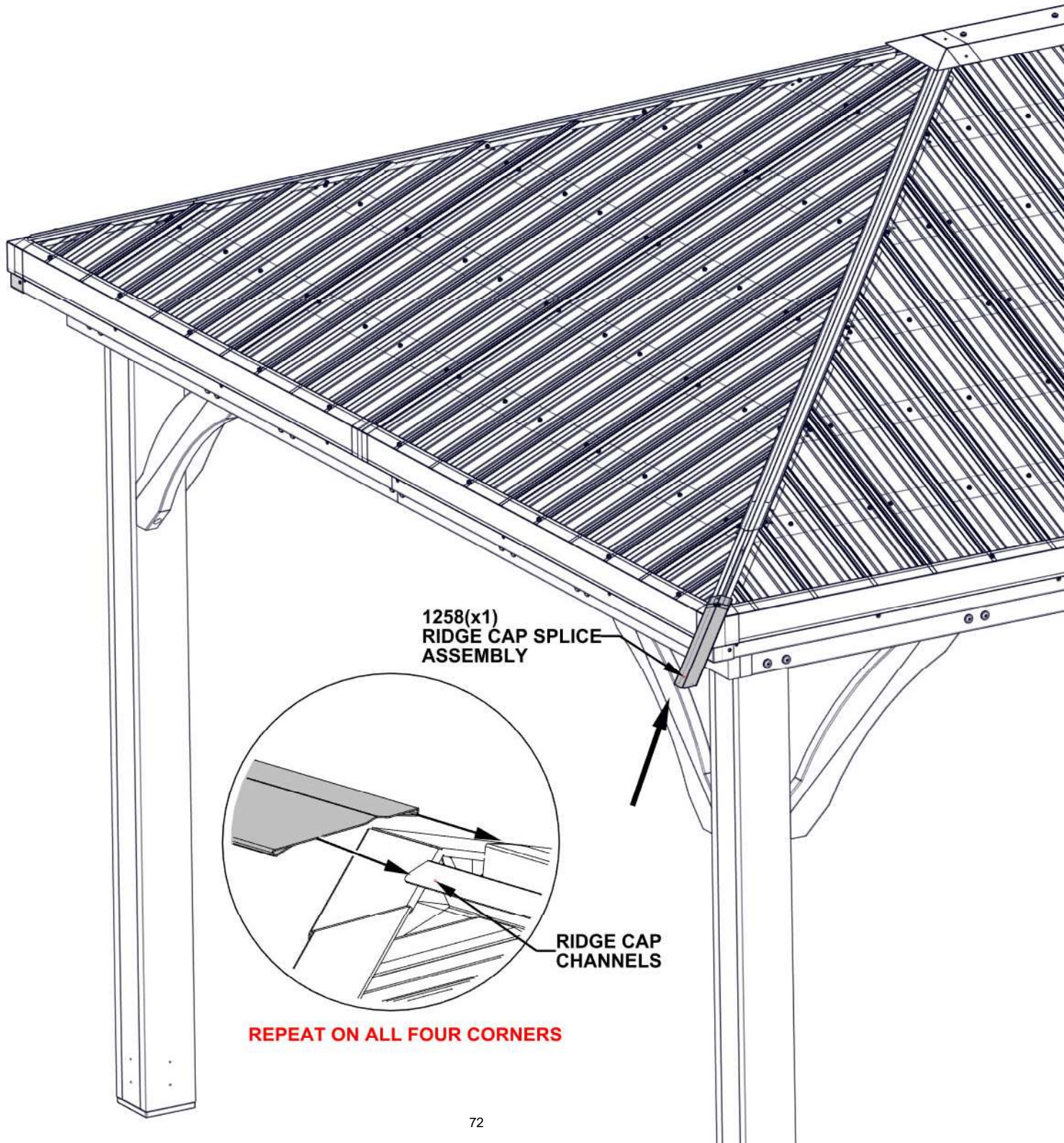
REPEAT ON ALL FOUR CORNERS



STEP 44 - ROOF ASSEMBLY



A4M01258
(4) | RIDGE CAP SPLICE ASSEMBLY



1258(x1)
RIDGE CAP SPLICE
ASSEMBLY

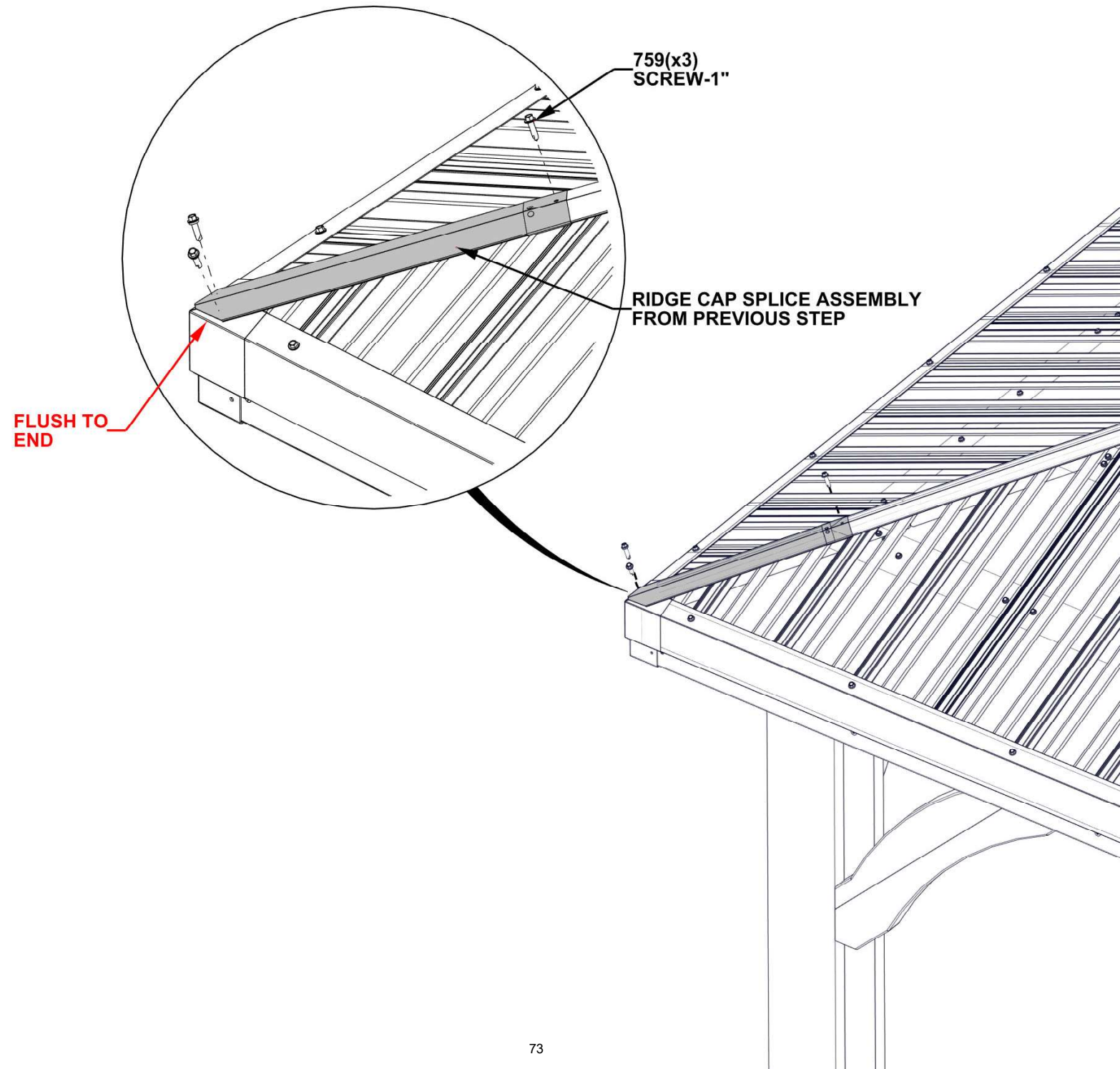
RIDGE CAP
CHANNELS

REPEAT ON ALL FOUR CORNERS

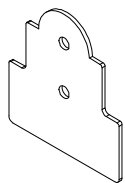
STEP 45 - ROOF ASSEMBLY

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

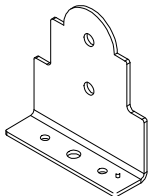
REPEAT ON ALL FOUR CORNERS



STEP 46 - GAZEBO ASSEMBLY

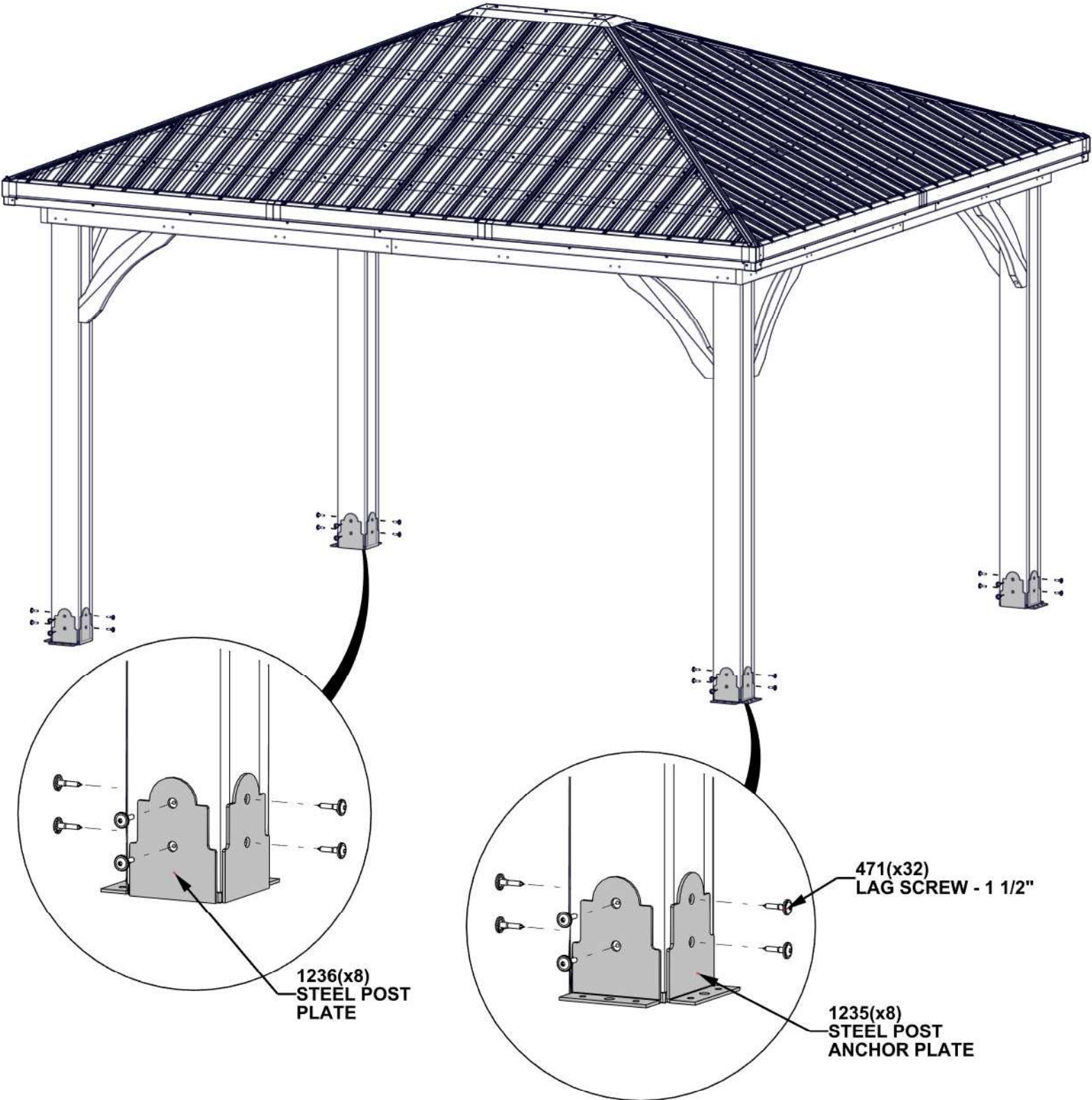


A4M01236
(8) STEEL POST PLATE



A4M01235
(8) STEEL POST ANCHORING PLATE

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

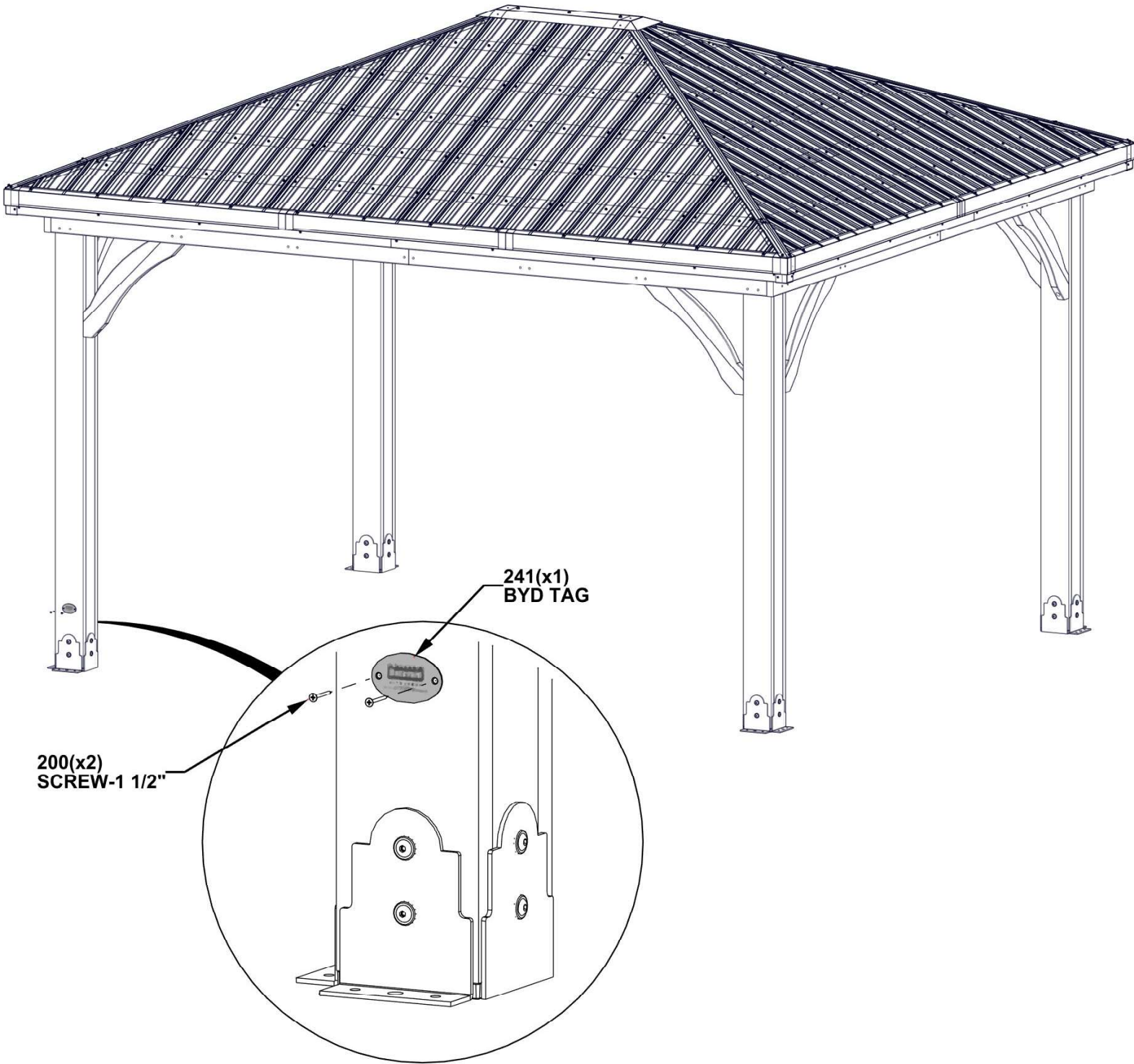


STEP 47 - GAZEBO ASSEMBLY

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

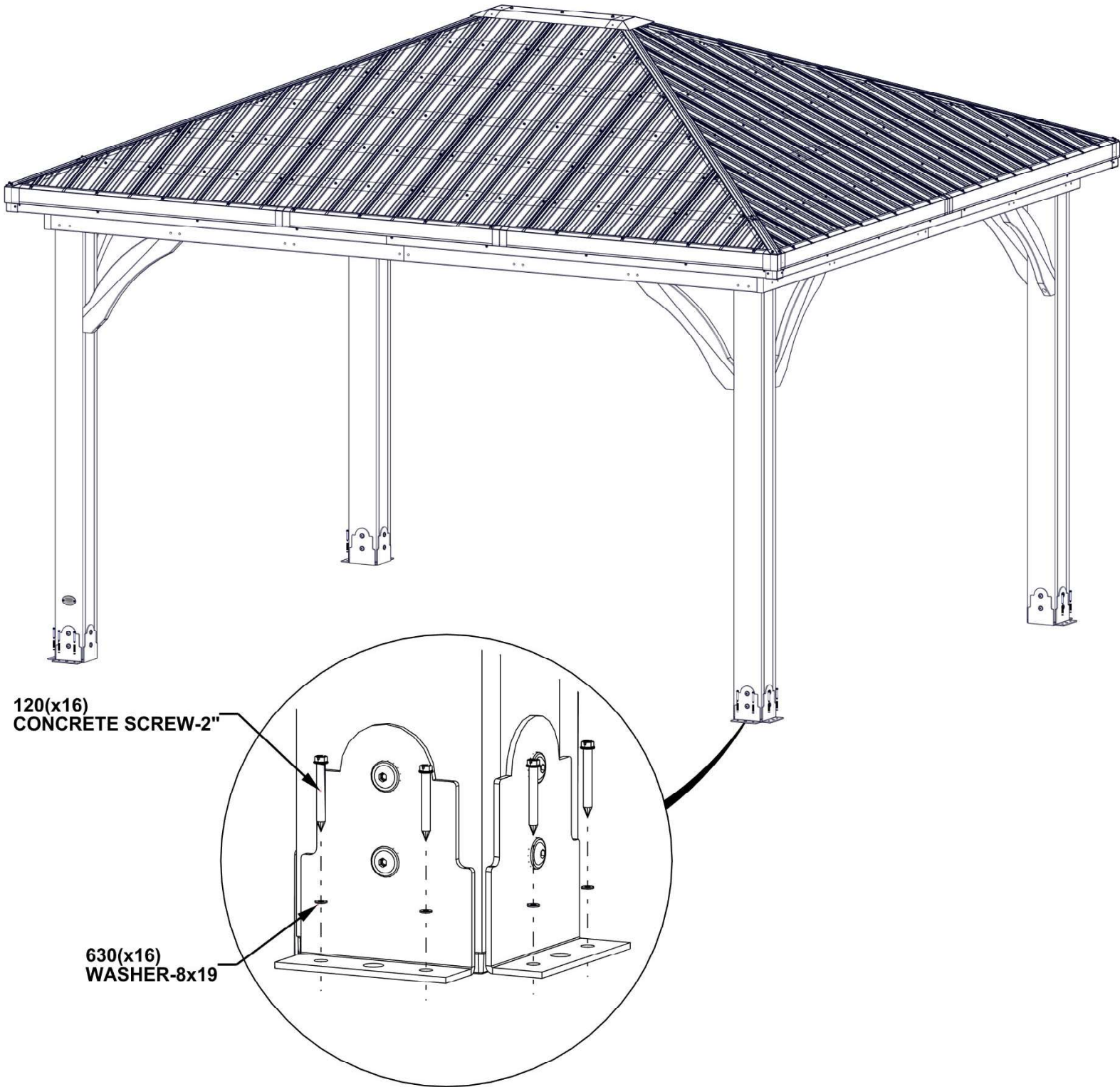


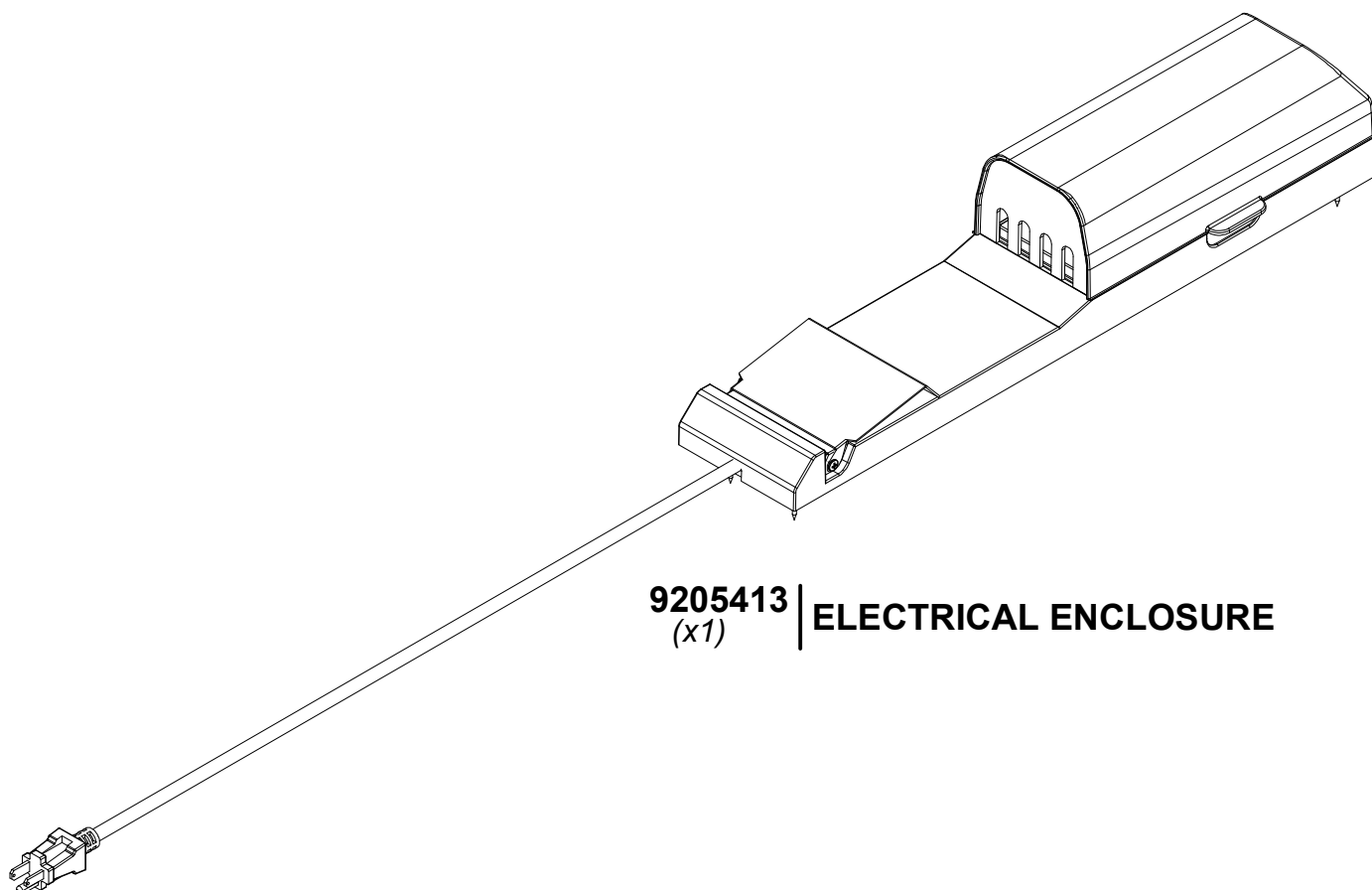
A100241
(1) BYD ID TAG
(SMALL)
WITHOUT AGES



STEP 48 - GAZEBO ASSEMBLY

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





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.