

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:

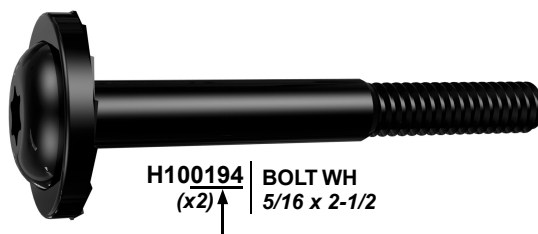
- Organize wood parts by the three-digit, alpha-numeric number stamped on each board (ex. P01).
- If there are multiple boards with the same stamped number, stack those pieces together.
- Stamps can be found on the flat surface of the boards or on the end of the boards.
- Allow yourself plenty of room - 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" &
9/16"



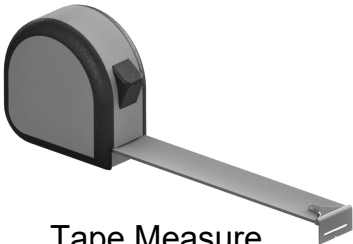
3/8" Drive Ratchet, 1/2" &
7/16" STD Sockets 1/2" & 7/16"
Deep Sockets



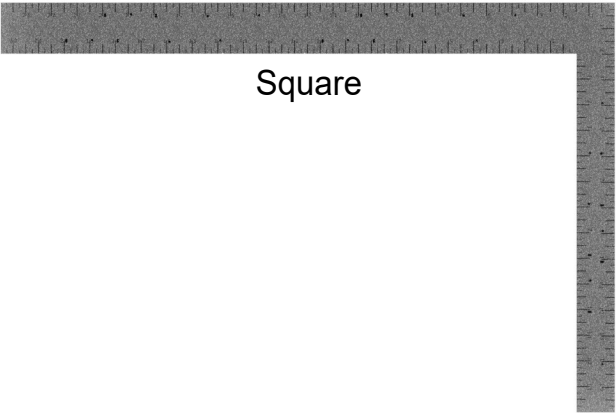
Claw Hammer



Rubber Mallet
- Optional



Tape Measure



Square



Level 24"

PRE-ASSEMBLY STEP 3 - CHOOSE YOUR ASSEMBLY METHOD

There are several types of assembly instructions available to you.

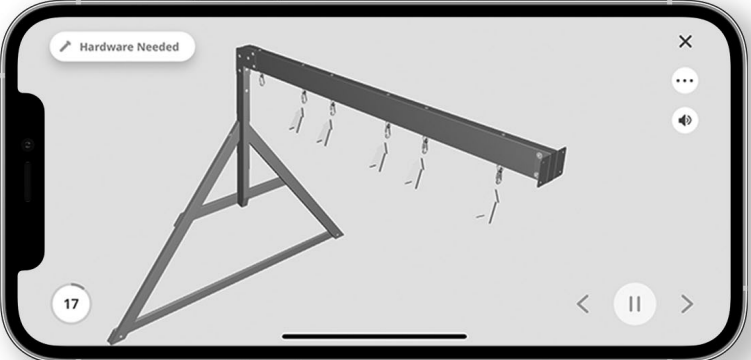
1. Printed Assembly Manual included with your set
2. BILT APP - 3D interactive instructions
3. Combination of the Printed Manual and BILT APP (Note: Step numbers can differ between the two methods)



Scan for easy 3D instructions

Download the BILT app
before you begin





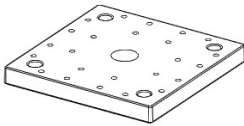
STEP 1 - POST ASSEMBLY



P01 POST - W2A03501
(x1) 6"X6"X89 1/2" (152x152x2274)



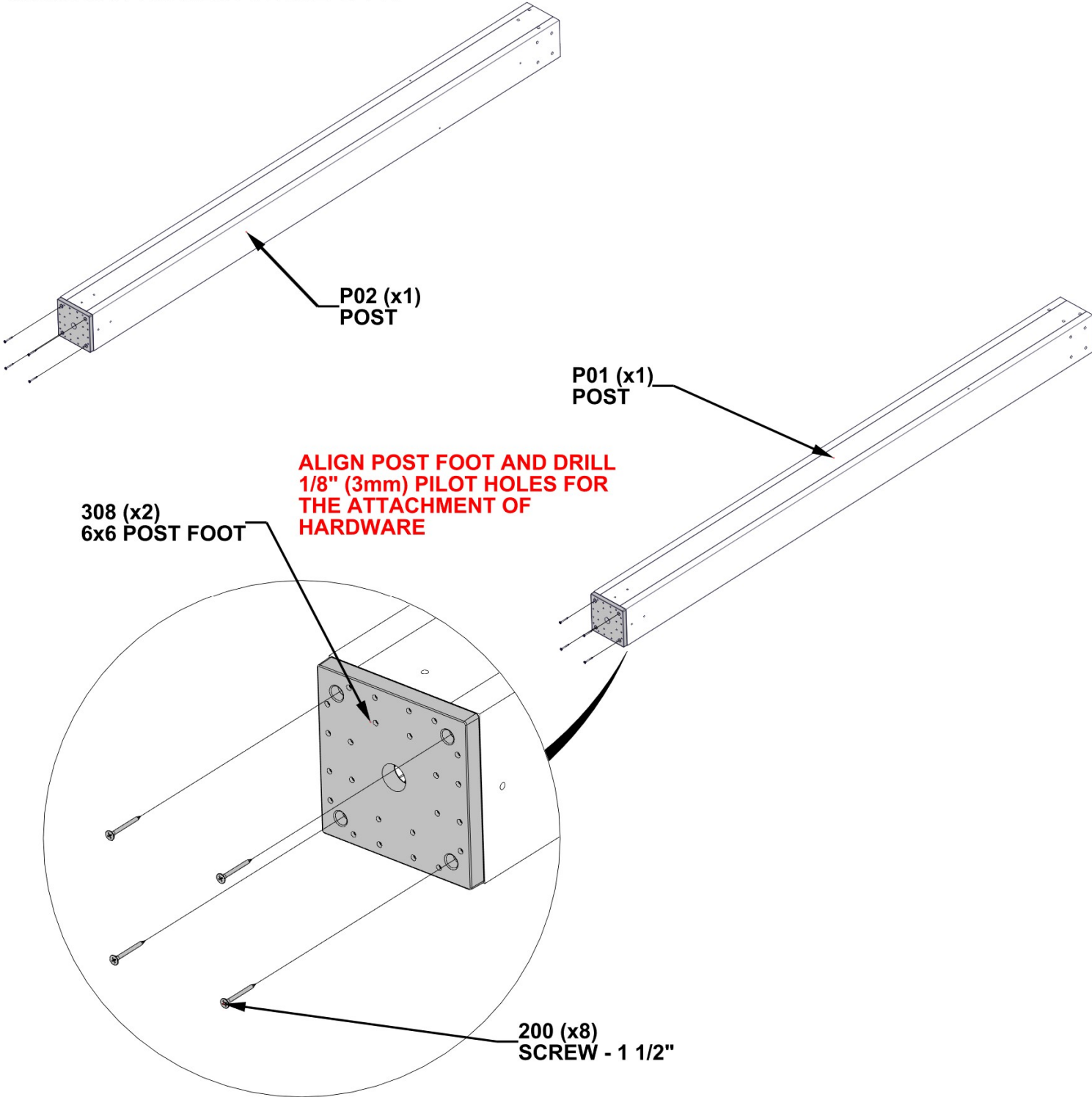
P02 POST - W2A03502
(x1) 6"X6"X89 1/2" (152x152x2274)



A6P00308 6x6 POST FOOT
(x2)

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

FOR EASE OF ASSEMBLY, WE RECOMMEND
USING SAW HORSES FOR STEPS 1-7.



STEP 2 - GABLE ASSEMBLY

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

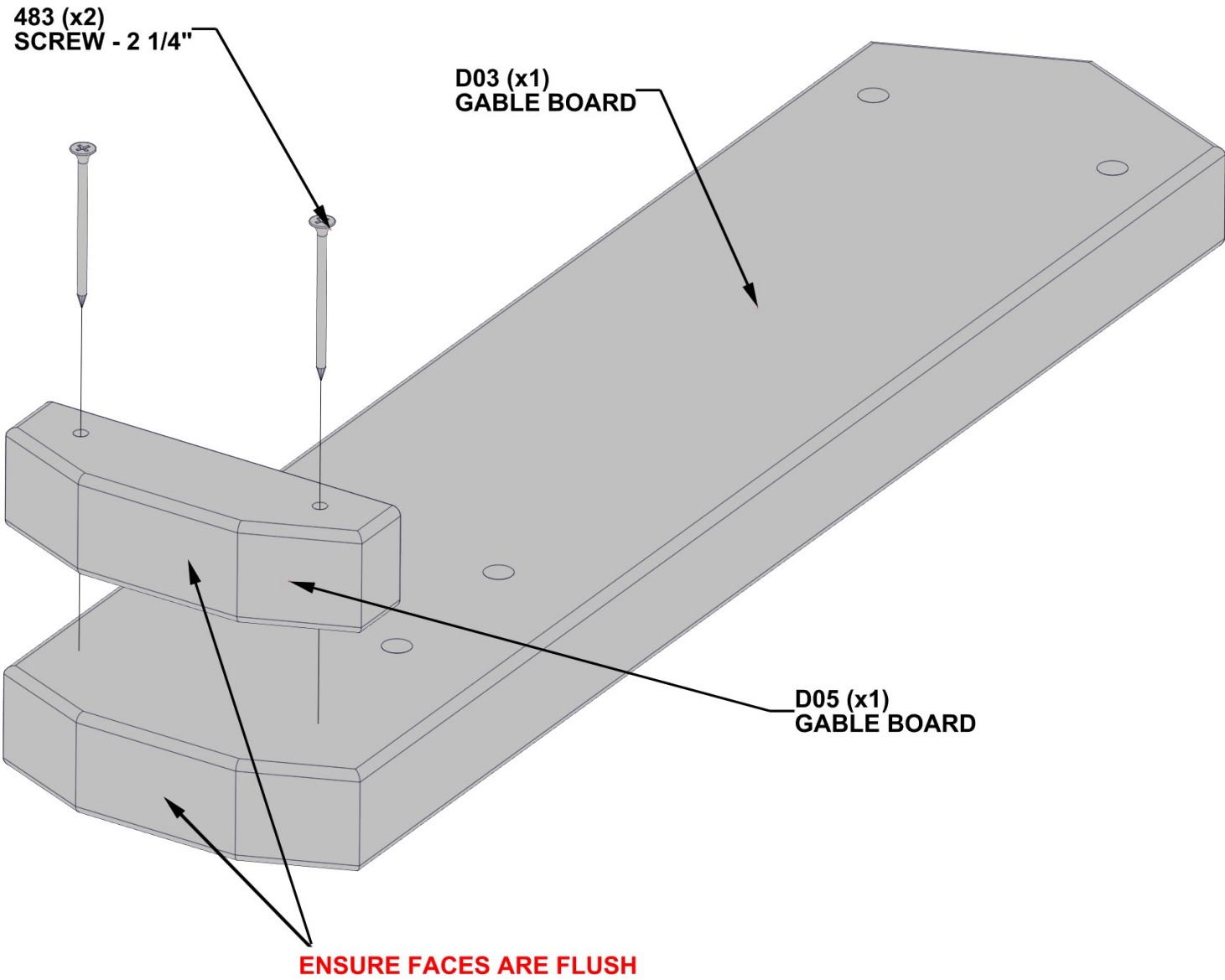


D03 GABLE BOARD - W4L17202
(x1) 1 3/8"X5 1/4"X21 3/4" (36x134x553)



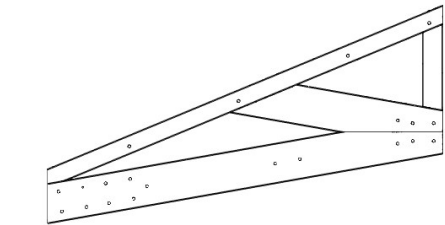
D05 GABLE BOARD - W4L16854
(x1) 1 3/8"X1 1/2"X5 1/4" (36x38x134)

ALIGN D05 WITH D03, ENSURING
THAT BOTTOM FACES ARE FLUSH.
DRILL 1/8" (3mm) PILOT HOLES IN
D03 USING D05 AS TEMPLATE.



STEP 3 - GABLE ASSEMBLY

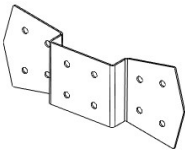
QTY	PART NUMBER	DESCRIPTION
4	H100881	BOLT WH 5/16x5 BLK
4	H100478	WASHER FLAT 8x27 BLK
4	H100479	NUT LOCK 5/16 BLK



GT1 GABLE TRUSS - W2A03514
(x2) 1 7/16"x29 1/16"x52 9/16" (36X738X1335)



D03 GABLE BOARD - W4L17202
(x1) 1 3/8"x5 1/4"x21 3/4" (36x134x553)



A4M01129 GABLE BRACKET
(x2)

881 (x4)
BOLT - 5"

TEMPORARILY ADD LONG BOLTS
TO HELP ALIGN WOOD PARTS.

GT1 (x2)
GABLE TRUSS

D03 (x1)
GABLE BOARD

ASSEMBLY
FROM PREVIOUS STEP

478 (x4)
WASHER - 8x27

1129 (x2)
GABLE BRACKET

479 (x4)
LOCK NUT - 5/16"

STEP 4 - GABLE ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
8	H100205	BOLT WH 5/16x2 1/4 BLK
8	H100479	NUT LOCK 5/16 BLK
8	H100478	WASHER FLAT 8x27 BLK

USE METAL BRACKET AS A GUIDE AND
DRILL THROUGH USING A 7/16" (10mm)
DRILL BIT, IF NEEDED.

205 (x8)
BOLT - 2 1/4"

**ENSURE THAT ALL BOLT HEADS
ARE ON THE SAME SIDE.**

479 (x8)
LOCK NUT - 5/16"

478 (x8)
WASHER - 8x27

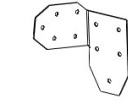
STEP 5A - GABLE ASSEMBLY

P01 POST - W2A03501
(x1) 6"X6"X89 1/2" (152x152x2274)



D01 TOP RAIL END - W4L17200
(x1) 1 7/16"x5 1/4"x30 5/16" (36x134x770)

1555 LEFT OUTSIDE
(x1) BRACKET



1232 LEFT ANGLE
(x1) BRACKET

QTY	PART NUMBER	DESCRIPTION
1	H100471	LAG SCREW WH 5/16x1 1/2 BLK
1	H100659	LAG SCREW HEX 5/16x1 1/2 BLK
3	H101046	BOLT WH 5/16x7 1/2 BLK
4	H100850	BOLT WH 5/16x8 1/2 BLK
5	H100205	BOLT WH 5/16x2 1/4 BLK
5	H100407	BOLT WH 5/16x1 1/2 BLK
8	H100379	TNUT-5/16" BLK
9	H100479	NUT LOCK 5/16 BLK
10	H100478	WASHER FLAT 8x27 BLK

INSERT T-NUTS FIRST

**WHEN ORIENTING GABLE TRUSS ASSEMBLY,
ENSURE THAT THE SIDE WITH BOLT HEADS
FACES OUT.**

**NOTE: PILOT
HOLE ORIENTATION**

D01 (x1)
TOP RAIL END

1555 (x1)
LEFT OUTSIDE
BRACKET

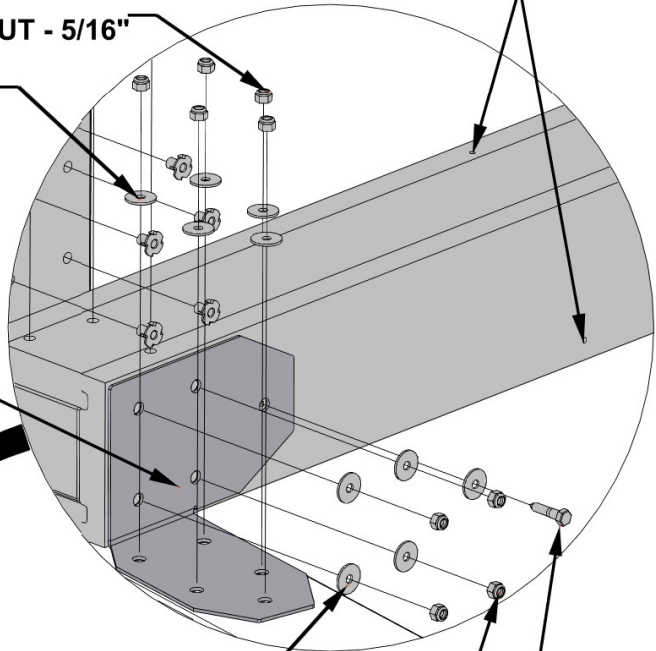
407 (x5)
BOLT - 1 1/2"

379 (x8)
TNUT-5/16"

1232 (x1)
LEFT ANGLE
BRACKET

479 (x5)
LOCK NUT - 5/16"

478 (x5)
WASHER - 8x27



478 (x5)
WASHER - 8x27

479 (x4)
LOCK NUT - 5/16"

659 (x1)
LAG SCREW
HEX - 1 1/2"

P01 (x1)
POST

850 (x4)
BOLT - 8 1/2"

1046 (x3)
BOLT - 7 1/2"

205 (x5)
BOLT - 2 1/4"

471 (x1)
LAG SCREW - 1 1/2"

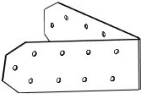
STEP 5B - GABLE ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
1	H100471	LAG SCREW WH 5/16x1 1/2 BLK
1	H100659	LAG SCREW HEX 5/16x1 1/2 BLK
3	H101046	BOLT WH 5/16x7 1/2 BLK
4	H100850	BOLT WH 5/16x8 1/2 BLK
5	H100407	BOLT WH 5/16x1 1/2 BLK
5	H100205	BOLT WH 5/16x2 1/4 BLK
8	H100379	TNUT-5/16" BLK
9	H100479	NUT LOCK 5/16 BLK
10	H100478	WASHER FLAT 8x27 BLK

P02 POST - W2A03502
(x1) 6"X6"X89 1/2" (152x152x2274)



D01 TOP RAIL END - W4L17200
(x1) 1 7/16"x5 1/4"x30 5/16" (36x134x770)



1554 RIGHT OUTSIDE
(x1) BRACKET



1233 RIGHT ANGLE
(x1) BRACKET

**NOTE: PILOT
HOLE ORIENTATION**

379 (x8)
TNUT-5/16"

**WHEN ORIENTING GABLE TRUSS ASSEMBLY,
ENSURE THAT THE SIDES WITH BOLT HEADS
FACE OUT.**

INSERT T-NUTS FIRST

1233 (x1)
RIGHT ANGLE
BRACKET

D01 (x1)
TOP RAIL END

1554 (x1)
RIGHT OUTSIDE
BRACKET

407 (x5)
BOLT - 1 1/2"

478 (x10)
WASHER - 8x27

479 (x9)
LOCK NUT - 5/16"

659 (x1)
LAG SCREW
HEX 1 1/2"

850 (x4)
BOLT - 8 1/2"

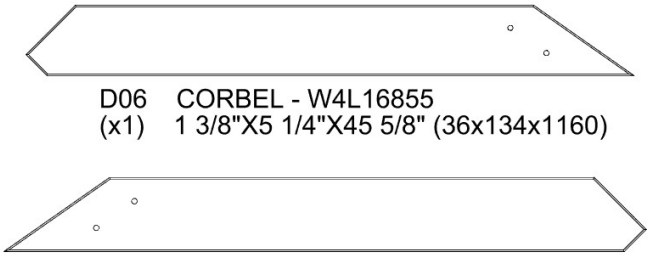
P02 (x1)
POST

205 (x5)
BOLT - 2 1/4"

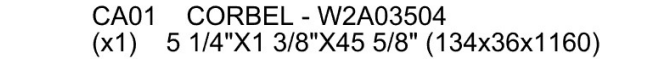
1046 (x3)
BOLT - 7 1/2"

471 (x1)
LAG SCREW - 1 1/2"

STEP 6 - GABLE ASSEMBLY

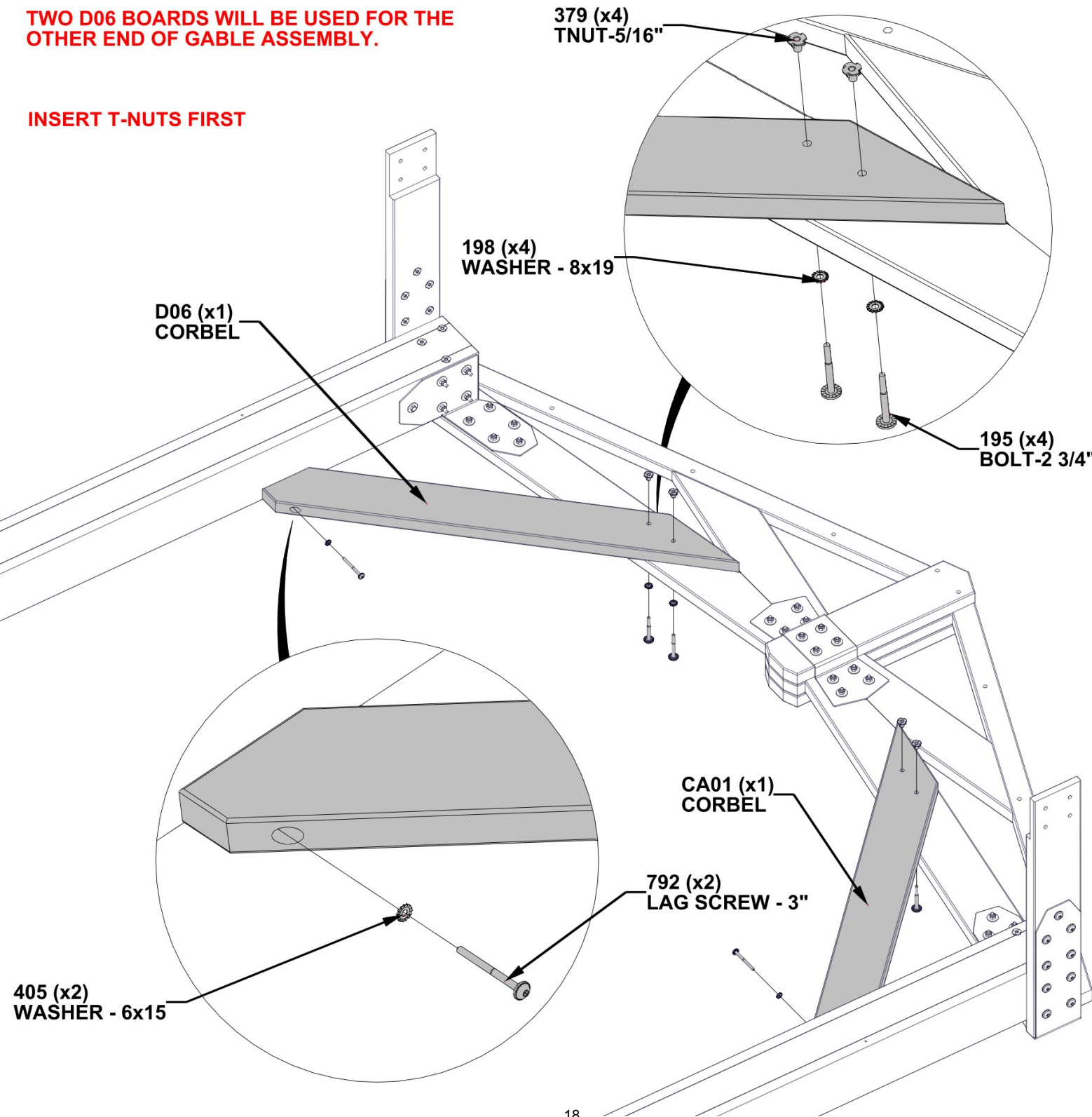


QTY	PART NUMBER	DESCRIPTION
2	H100792	LAG SCREW WH 1/4x3 BLK
2	H100405	WASHER LOCK EXT 6x15
4	H100379	TNUT-5/16" BLK
4	H100195	BOLT WH 5/16x2 3/4 BLK
4	H100198	WASHER LOCK EXT 8x19



TWO D06 BOARDS WILL BE USED FOR THE OTHER END OF GABLE ASSEMBLY.

INSERT T-NUTS FIRST



**REPEAT POST AND GABLE ASSEMBLY
STEPS 1 THROUGH 6**

STEP 7 - GAZEBO ASSEMBLY



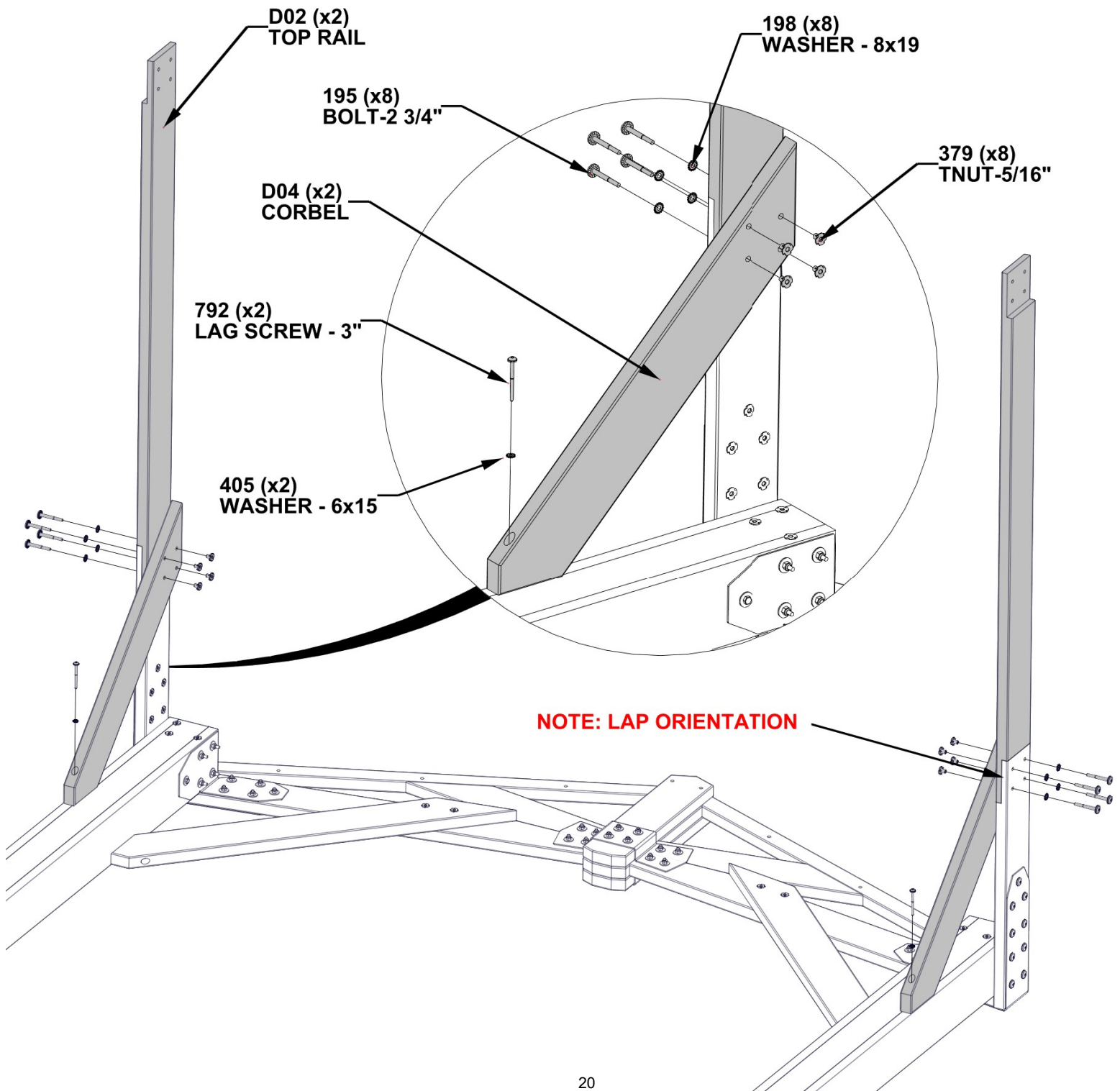
D02 TOP RAIL - W4L172201
(x2) 1 7/16"x5 1/4"x64 5/16" (36x134x1634)



D04 CORBEL - W4L16853
(x2) 1 3/8"x5 1/4"x35 7/8" (36x134x910)

QTY	PART NUMBER	DESCRIPTION
2	H100405	WASHER LOCK EXT 6x15
2	H100792	LAG SCREW WH 1/4x3 BLK
8	H100195	BOLT WH 5/16x2 3/4 BLK
8	H100198	WASHER LOCK EXT 8x19
8	H100379	TNUT-5/16" BLK

INSERT T-NUTS FIRST

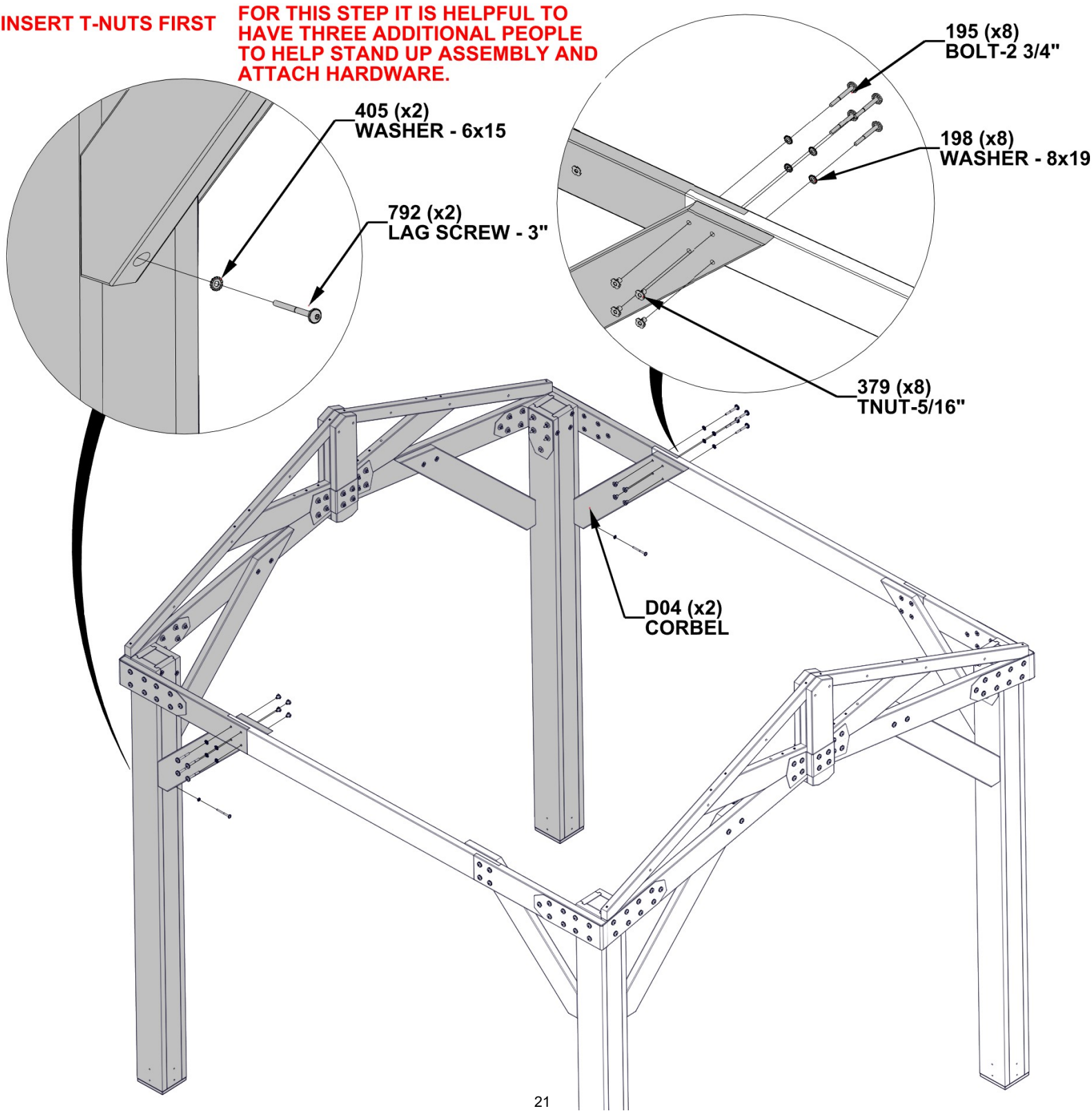


STEP 8 - GAZEBO ASSEMBLY



D04 CORBEL - W4L16853
(x2) 1 3/8"X5 1/4"X35 7/8" (36x134x910)

QTY	PART NUMBER	DESCRIPTION
2	H100792	LAG SCREW WH 1/4x3 BLK
2	H100405	WASHER LOCK EXT 6x15
8	H100195	BOLT WH 5/16x2 3/4 BLK
8	H100198	WASHER LOCK EXT 8x19
8	H100379	TNUT-5/16" BLK

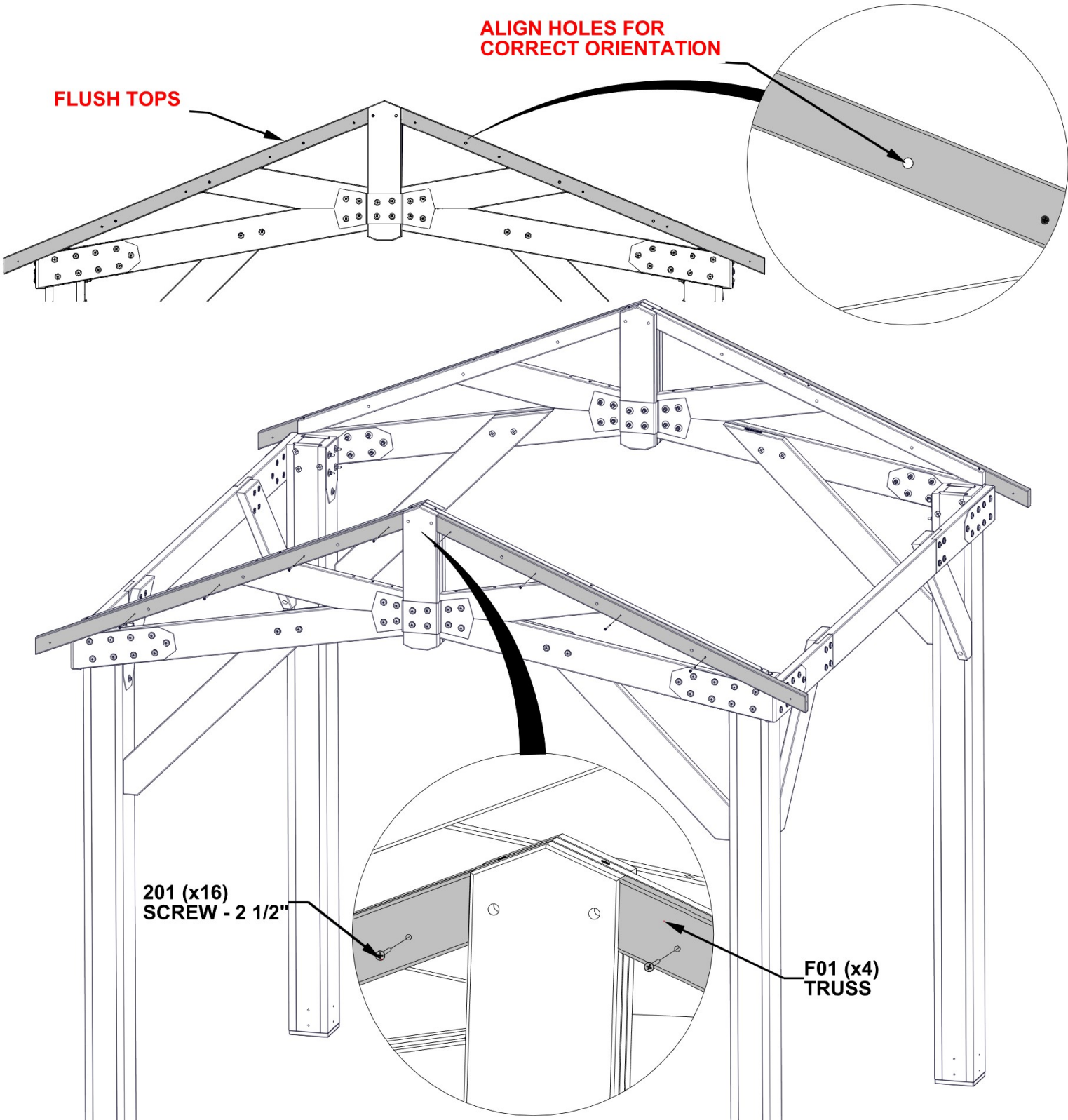


STEP 9 - GAZEBO ASSEMBLY



F01 TRUSS - W4L17203
(x4) 1 7/16"x2 3/8"x62 1/16" (36x60x1576)

QTY	PART NUMBER	DESCRIPTION
16	H100201	SCREW PFH 8x2 1/2 BLK



STEP 10 - GAZEBO ASSEMBLY

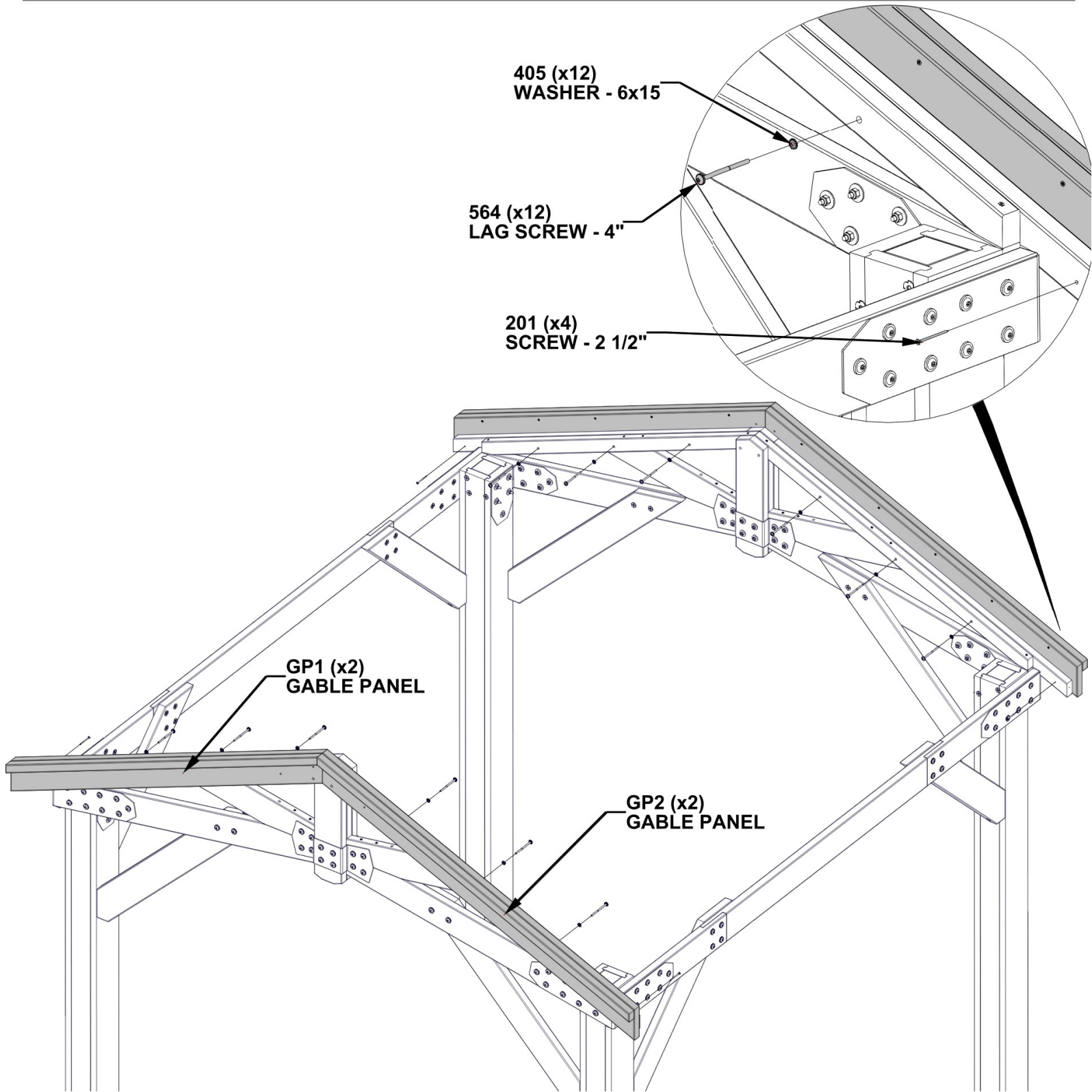
QTY	PART NUMBER	DESCRIPTION
4	H100201	SCREW PFH 8x2 1/2 BLK
12	H100405	WASHER LOCK EXT 6x15
12	H100564	LAG SCREW WH 1/4x4 BLK



GP1 GABLE PANEL - W2A03515
(x2) 2 13/16"x5 1/4"x67 3/16" (72x134x1706)

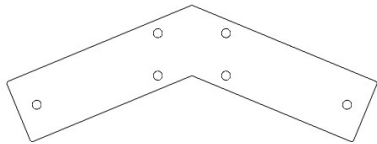


GP2 GABLE PANEL - W2A03516
(x2) 2 13/16"x5 1/4"x67 3/16" (72x134x1706)

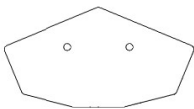


STEP 11 - GAZEBO ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
4	H100200	SCREW PFH 8x1 1/2 BLK
8	H100471	LAG SCREW WH 5/16x1 1/2 BLK



A4M01130 GABLE
(x2) BRACKET



A4M01147 PEAK SEAM
(x2) BRACKET

FRONT VIEW

PRE-DRILL 1/8" (3mm) PILOT
HOLES FOR SCREWS USING
PEAK SEAM AS A GUIDE.

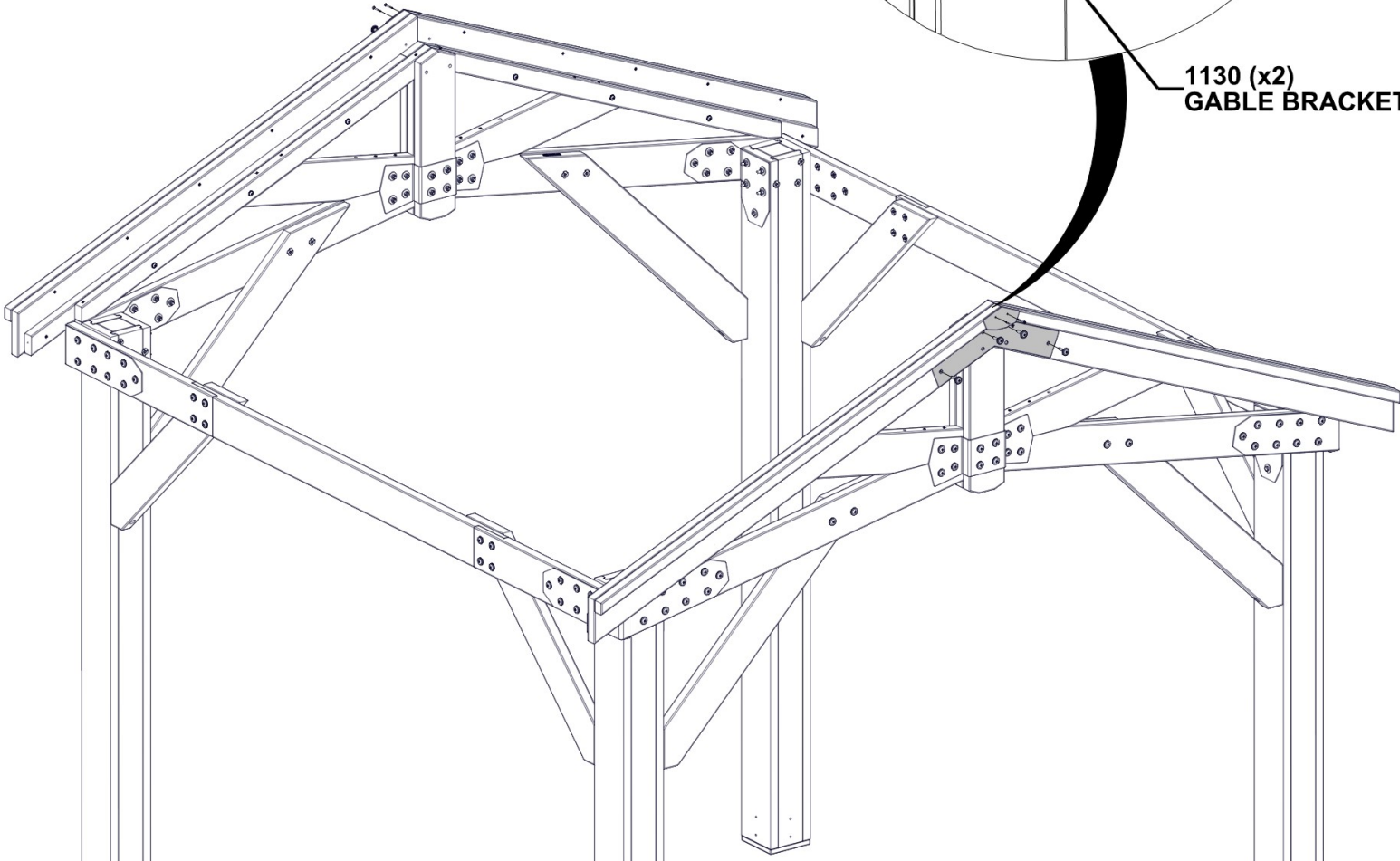
1147 (x2)
PEAK SEAM
BRACKET

200 (x4)
SCREW - 1 1/2"

TEMPORARILY ADD LONG BOLTS
TO HELP ALIGN WOOD PARTS.

471 (x8)
LAG SCREW - 1 1/2"

1130 (x2)
GABLE BRACKET



STEP 12 - ROOF PANEL ASSEMBLY

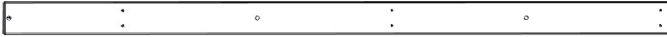
QTY	PART NUMBER	DESCRIPTION
16	H100391	SCREW PFH 8x2 BLK



E01 RAFTER - W4L17204
(x2) 1 7/16"x3 3/8"x64 5/16" (36x86x1634)



H04 FASCIA - W4L17208
(x1) 15/16"x3 3/8"x73 1/4" (24x86x1860)



H06 RIDGE - W4L172010
(x1) 15/16"x3 3/8"x69" (24x86x1752)



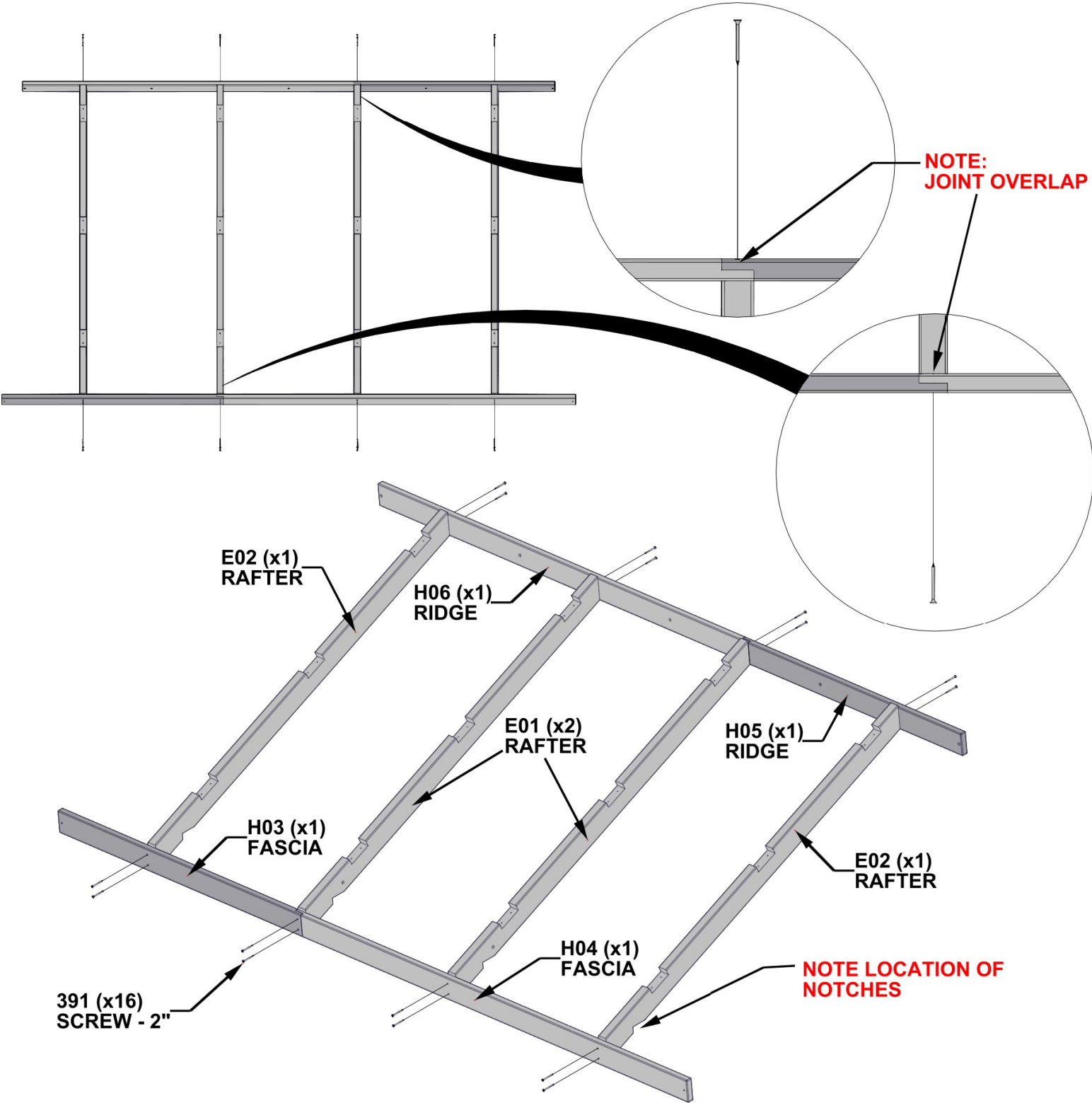
E02 RAFTER - W4L17213
(x2) 1 7/16"x3 3/8"x64 5/16" (36x86x1634)



H03 FASCIA - W4L17207
(x1) 15/16"x3 3/8"x45 1/4" (24x86x1150)



H05 RIDGE - W4L17209
(x1) 15/16"x3 3/8"x41" (24x86x1042)



STEP 13A - ROOF PANEL ASSEMBLY

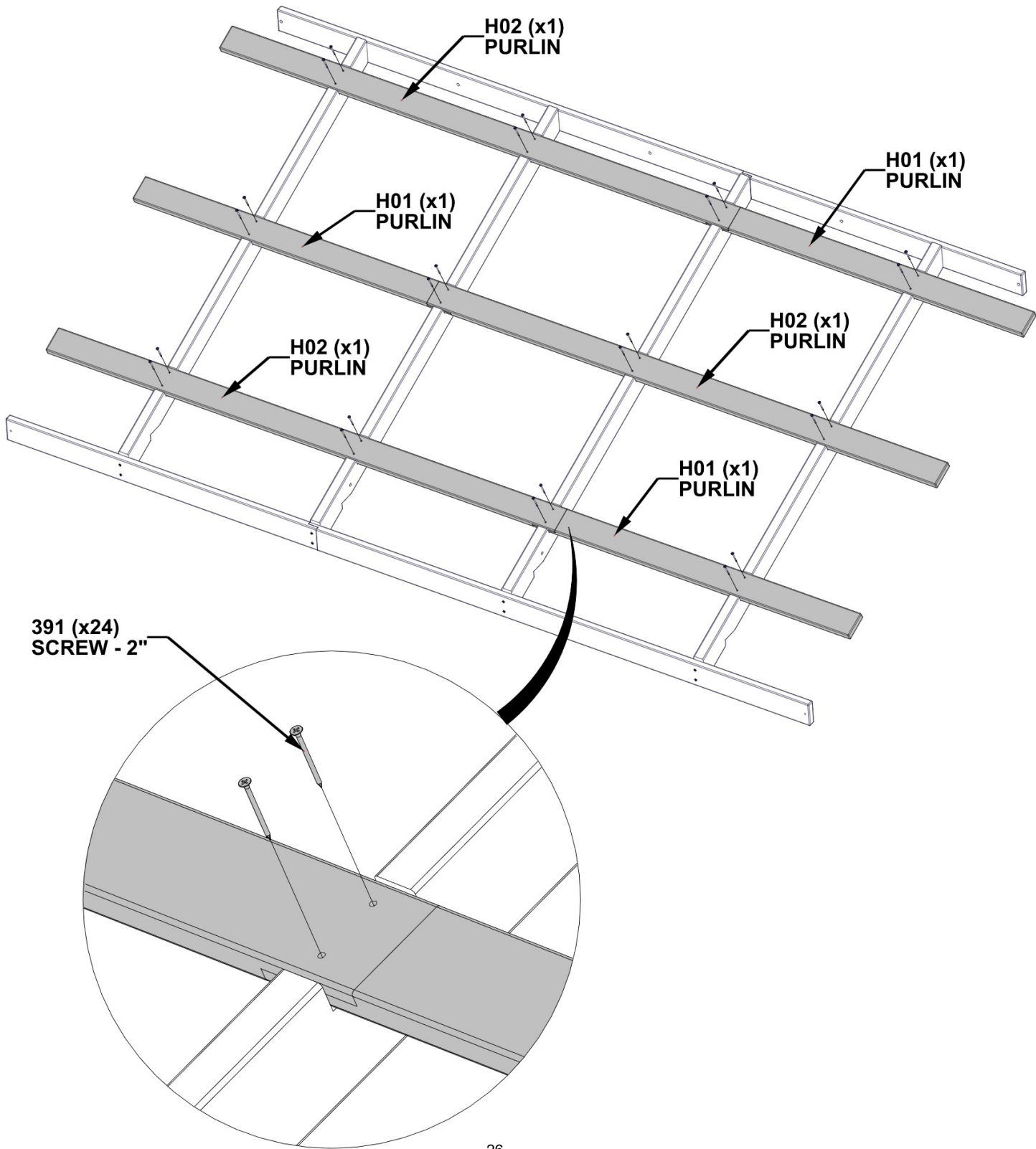


QTY	PART NUMBER	DESCRIPTION
24	H100391	SCREW PFH 8x2 BLK

H01 PURLIN - W4L17205
(x3) 15/16"x3 3/8"x46 1/4" (24x86x1175)



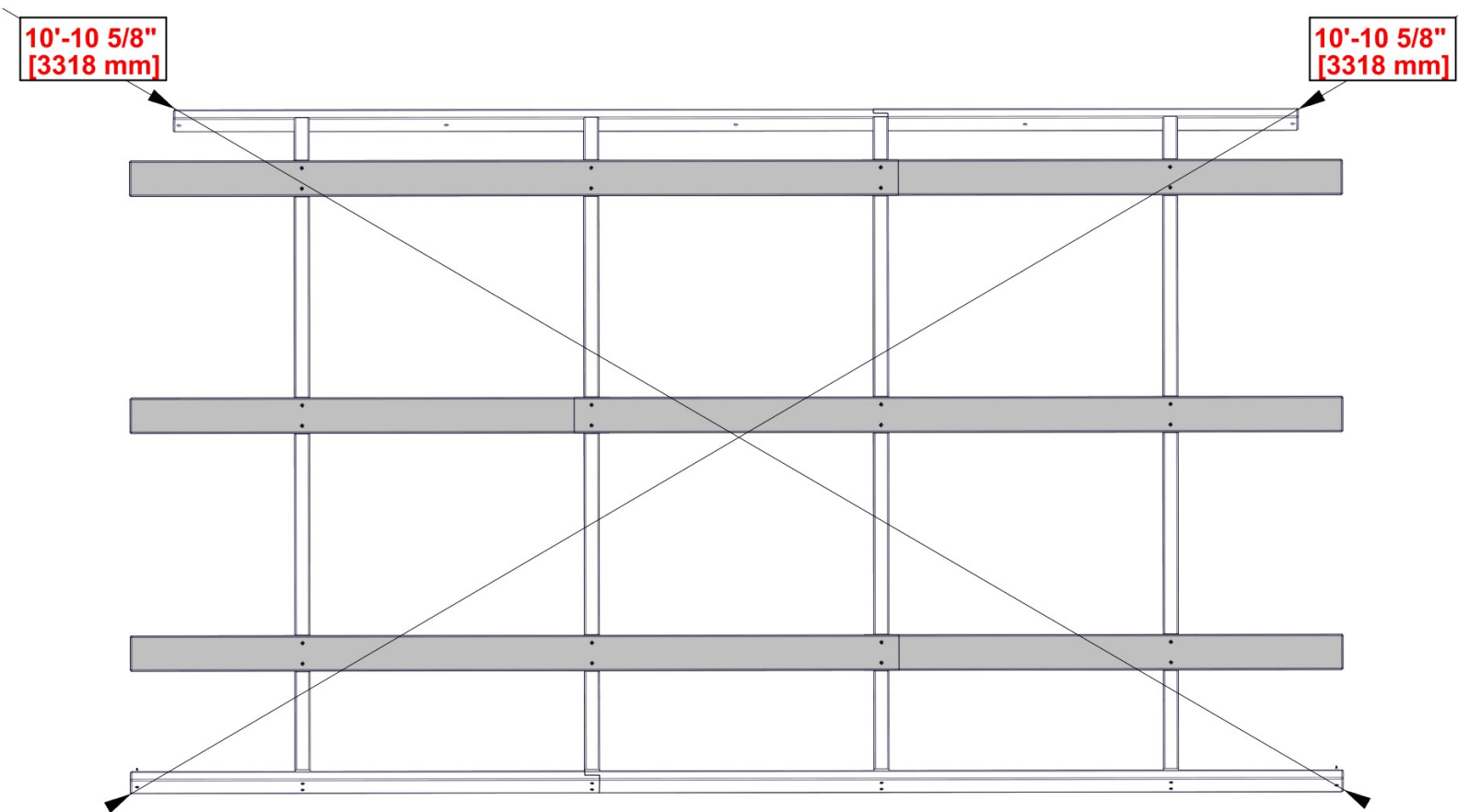
H02 PURLIN - W4L17206
(x3) 15/16"x3 3/8"x74 3/16" (24x86x1885)



STEP 13B - 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 HELD WITHIN +/- 1/4".
 - MEASUREMENTS OUTSIDE OF TOLERANCE WILL LEAD TO THE INABILITY TO ASSEMBLE THE ROOF.



STEP 14 - ROOF PANEL ASSEMBLY

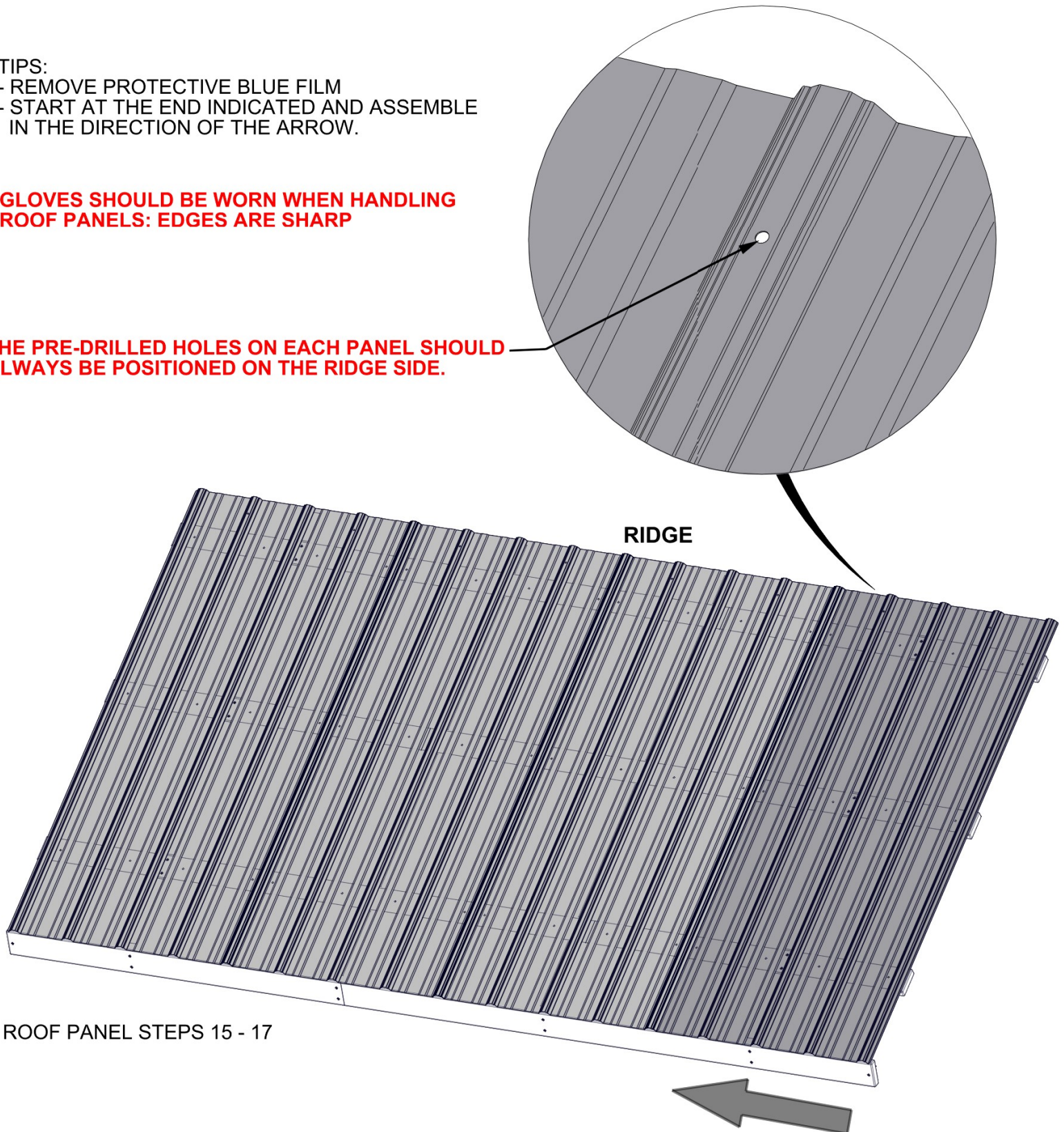
USE THIS PAGE TO FAMILIARIZE YOURSELF WITH THE ROOF PANEL AND ASSIST YOU IN STEPS 15 - 17.

TIPS:

- REMOVE PROTECTIVE BLUE FILM
- START AT THE END INDICATED AND ASSEMBLE IN THE DIRECTION OF THE ARROW.

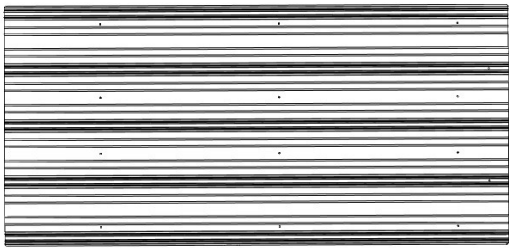
GLOVES SHOULD BE WORN WHEN HANDLING ROOF PANELS: EDGES ARE SHARP

THE PRE-DRILLED HOLES ON EACH PANEL SHOULD ALWAYS BE POSITIONED ON THE RIDGE SIDE.



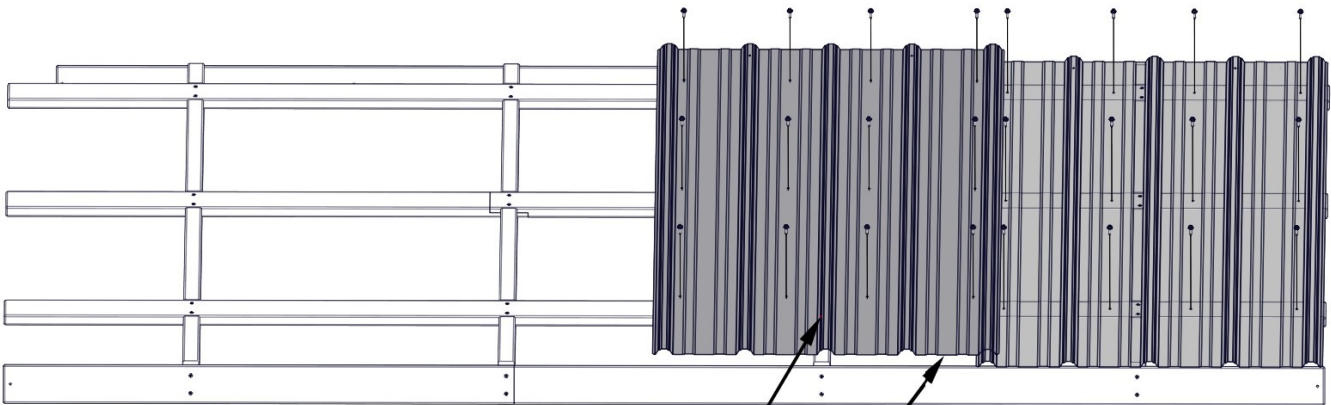
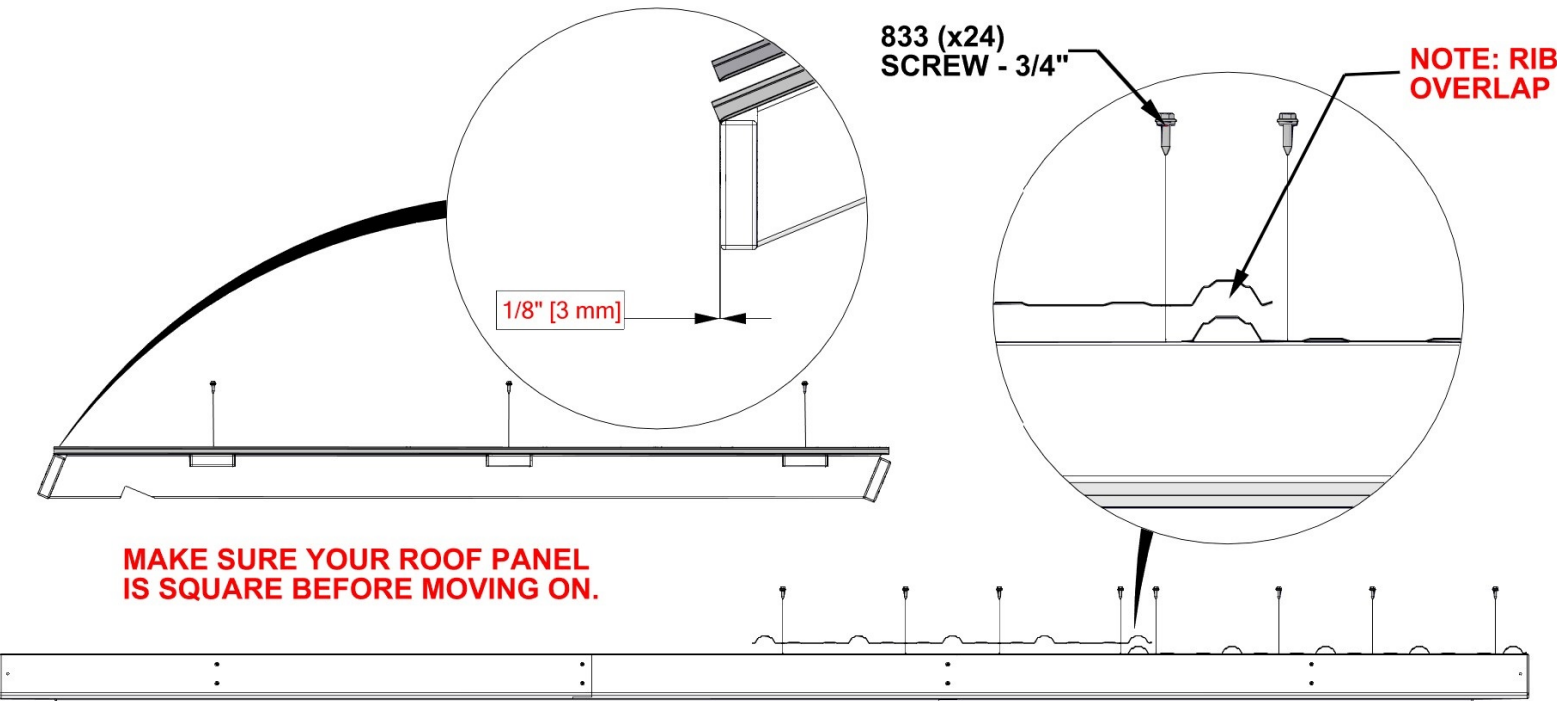
ROOF PANEL STEPS 15 - 17

STEP 15 - ROOF PANEL ASSEMBLY



A4M01792 29GA STEEL SHEETING
(x2)

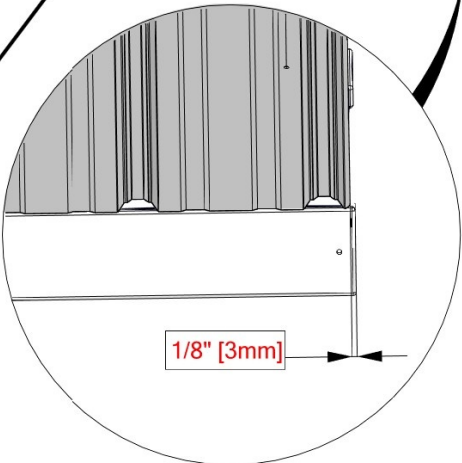
QTY	PART NUMBER	DESCRIPTION
24	H100833	SCREW WOODGRIP 10-16x3/4"



1792 (x2)
29GA STEEL SHEETING

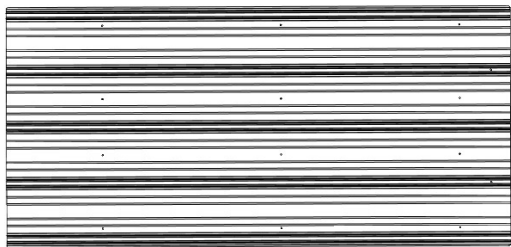
FLUSH ENDS OF SHEETS

**HOLD SHEETING INSIDE OF FRAME
MEASURING FROM RIB AS SHOWN.**



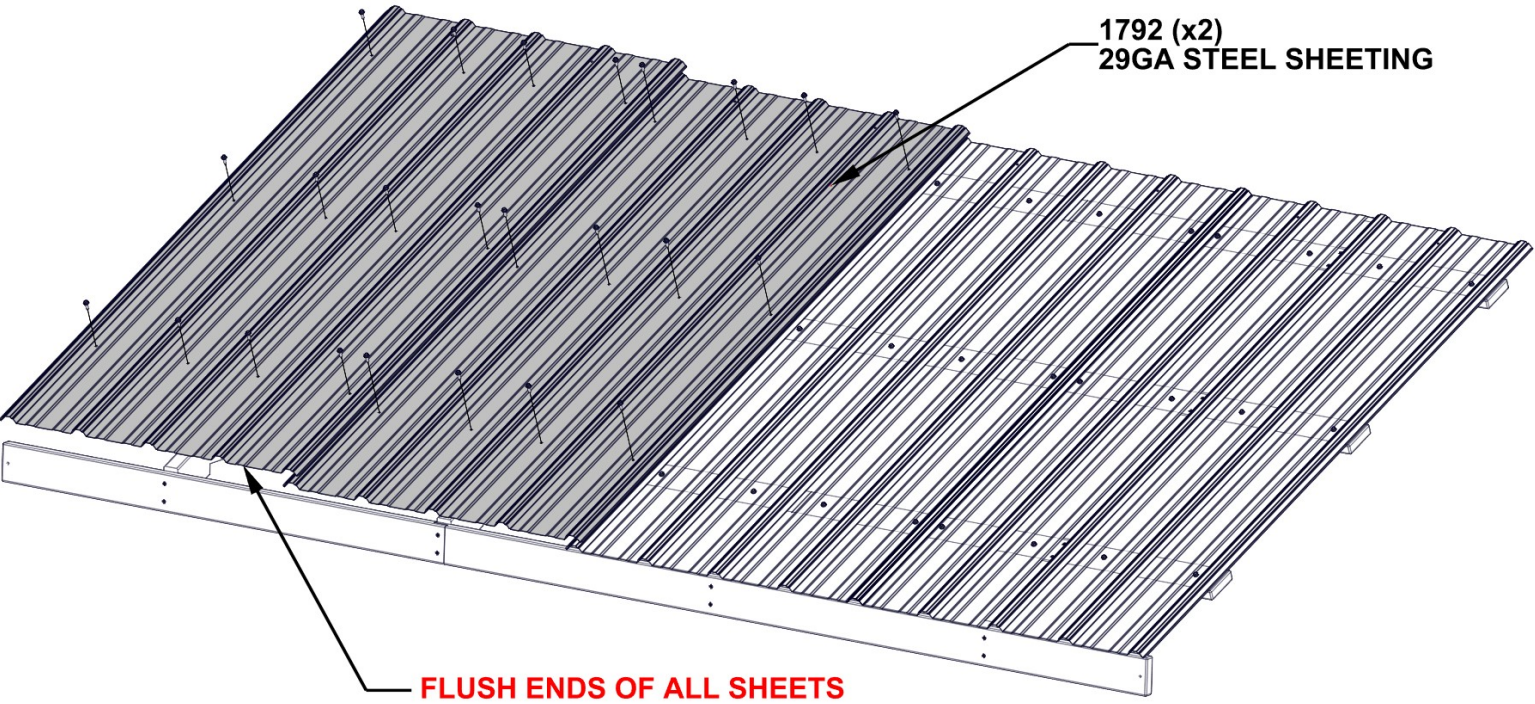
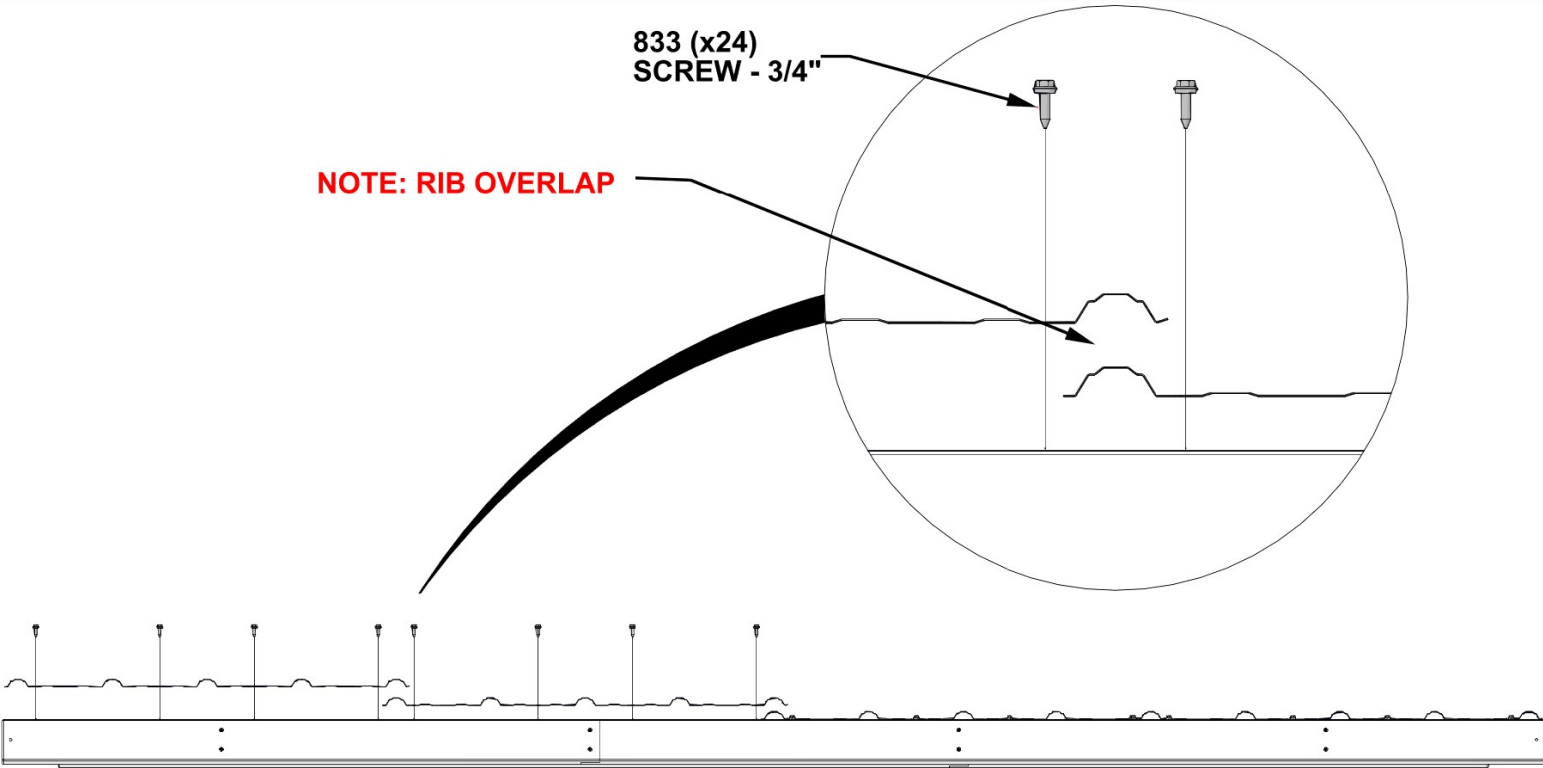
1/8" [3mm]

STEP 16 - ROOF PANEL ASSEMBLY



A4M01792 29GA STEEL SHEETING
(x2)

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



STEP 17 - ROOF PANEL ASSEMBLY



A4M00983 ROOF EDGE TRIM SPLICE
(x1)

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

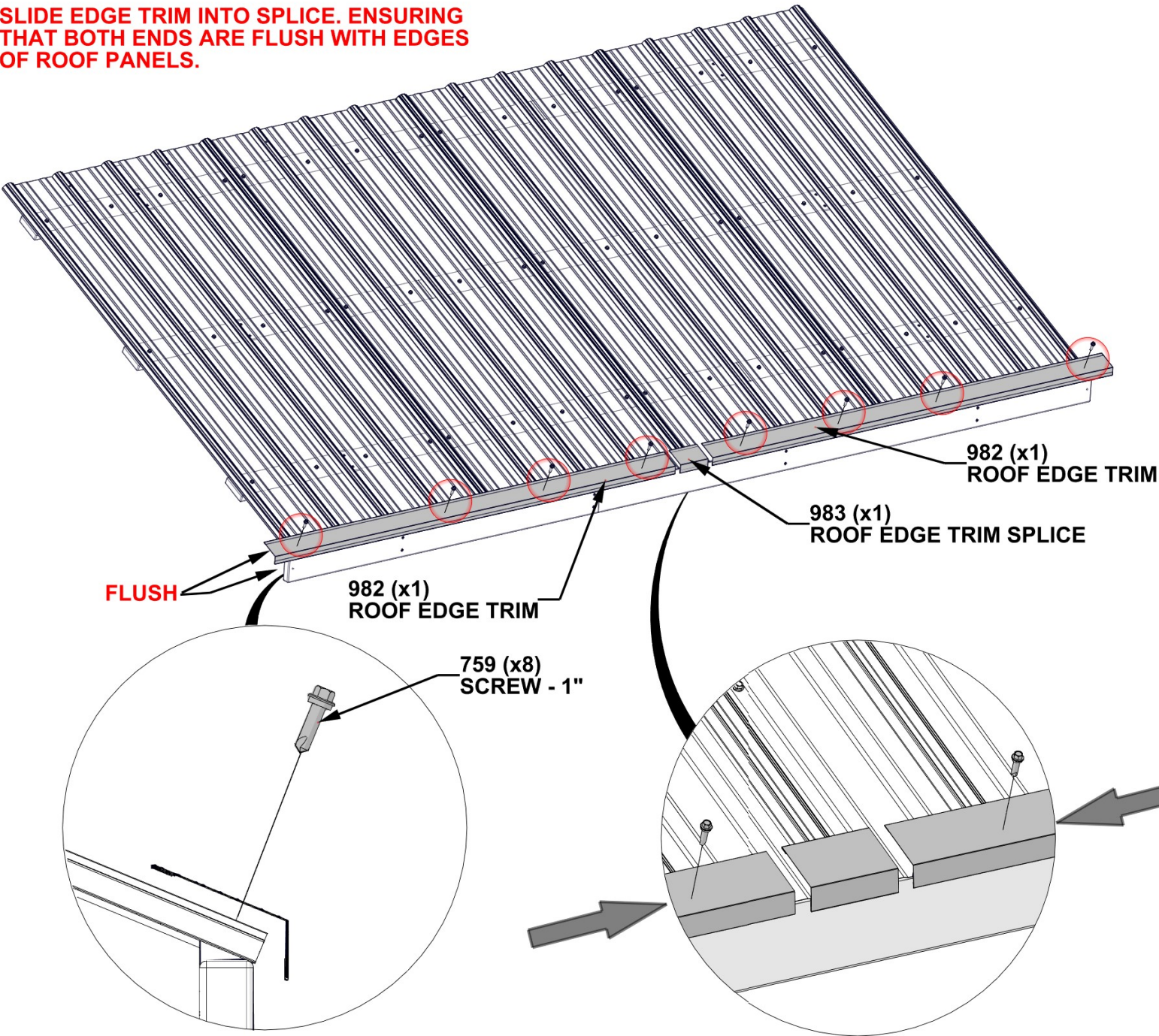


A4M00982 ROOF EDGE TRIM
(x2)

DUE TO MULTIPLE LAYERS OF METAL ON THE EDGE TRIM, IT IS RECOMMENDED THAT A 1/8" DRILL BIT IS USED TO CREATE STARTER HOLES.

SCREWS GO THROUGH EDGE TRIM INTO THE TOP OF THE RIBS IN THE APPROXIMATE LOCATIONS SHOWN.

SLIDE EDGE TRIM INTO SPLICE. ENSURING THAT BOTH ENDS ARE FLUSH WITH EDGES OF ROOF PANELS.



SIDE VIEW

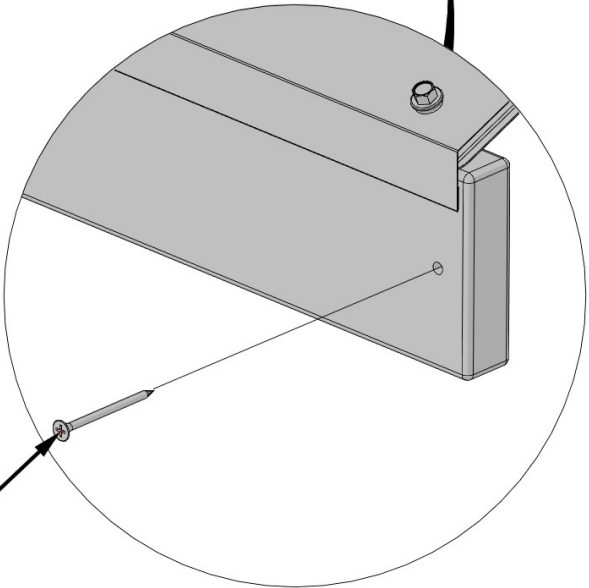
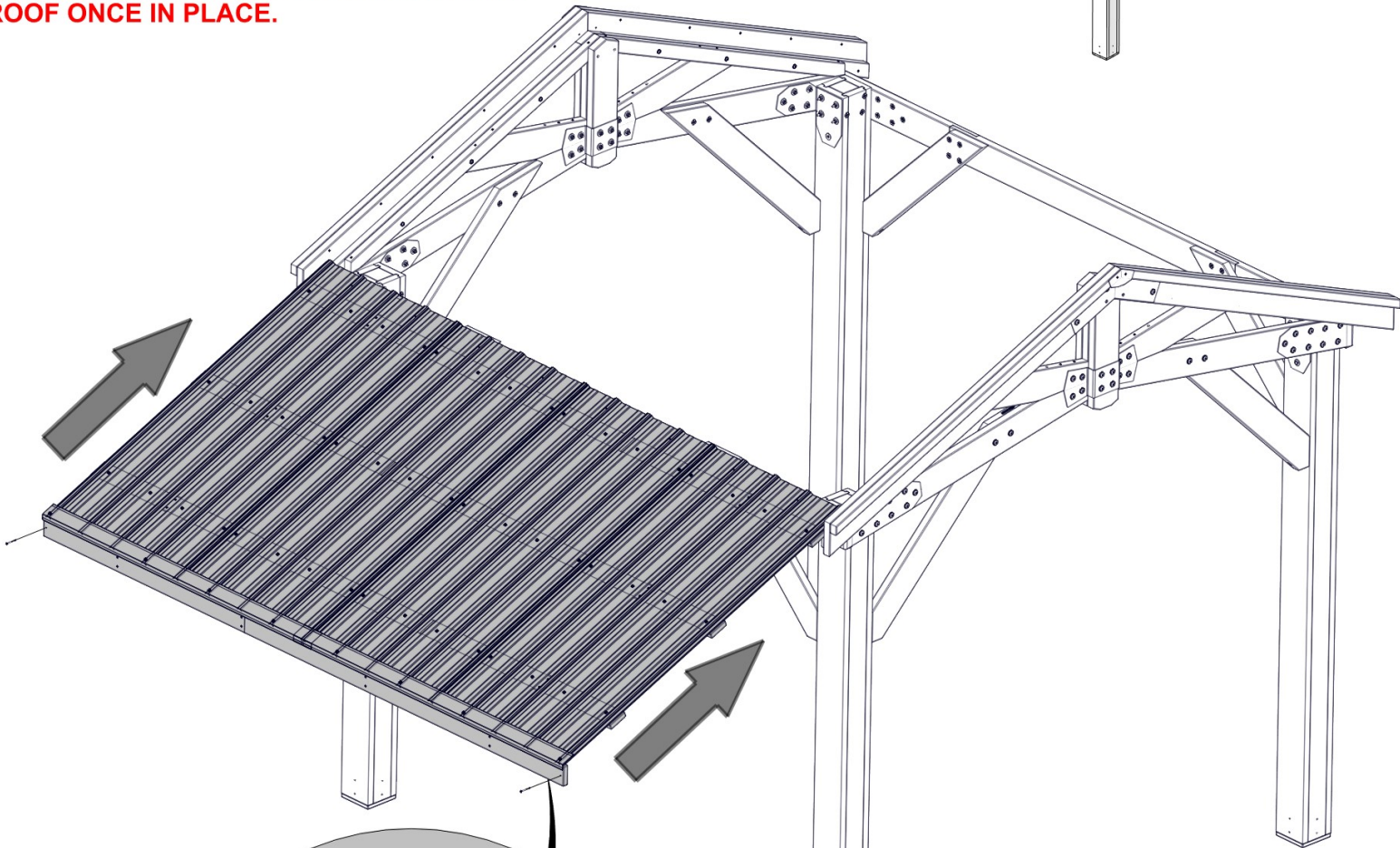
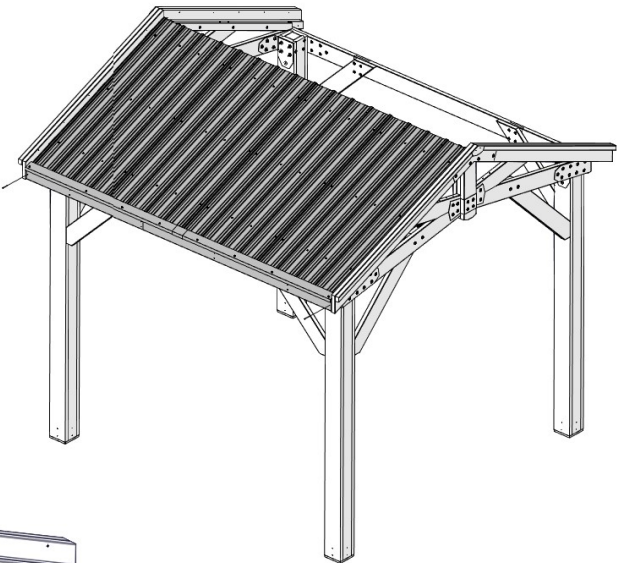
**REPEAT ASSEMBLY STEPS 12 THROUGH 17
FOR OTHER ROOF PANEL**

STEP 18 - ROOF ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
2	H100391	SCREW PFH 8x2 BLK

WITH ATLEAST TWO PEOPLE, LIFT ASSEMBLED ROOF PANEL AND SLIDE IT INTO THE TRACKS ON THE RAFTERS. ONCE IN PLACE, INSTALL ATTACHMENT HARDWARE AS SHOWN.

A THIRD PERSON IS HELPFUL TO ATTACH ROOF ONCE IN PLACE.



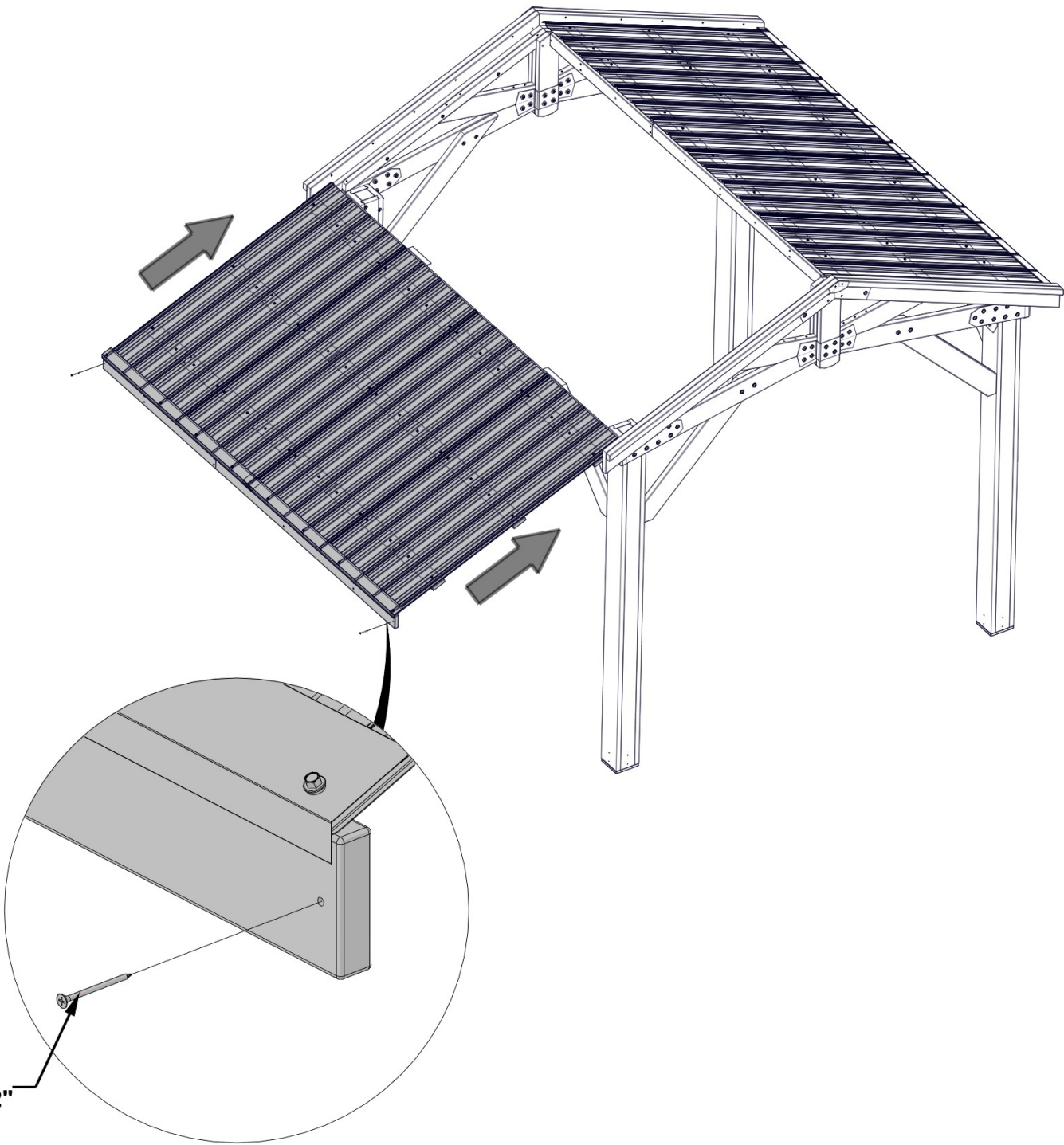
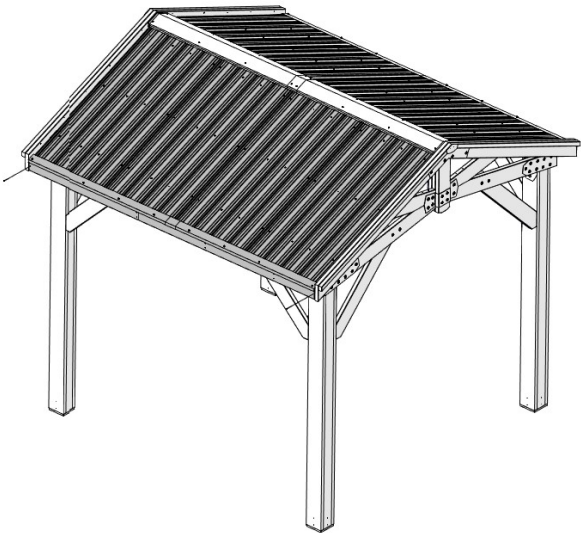
391 (x2)
SCREW - 2"

STEP 19 - ROOF ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
2	H100391	SCREW PFH 8x2 BLK

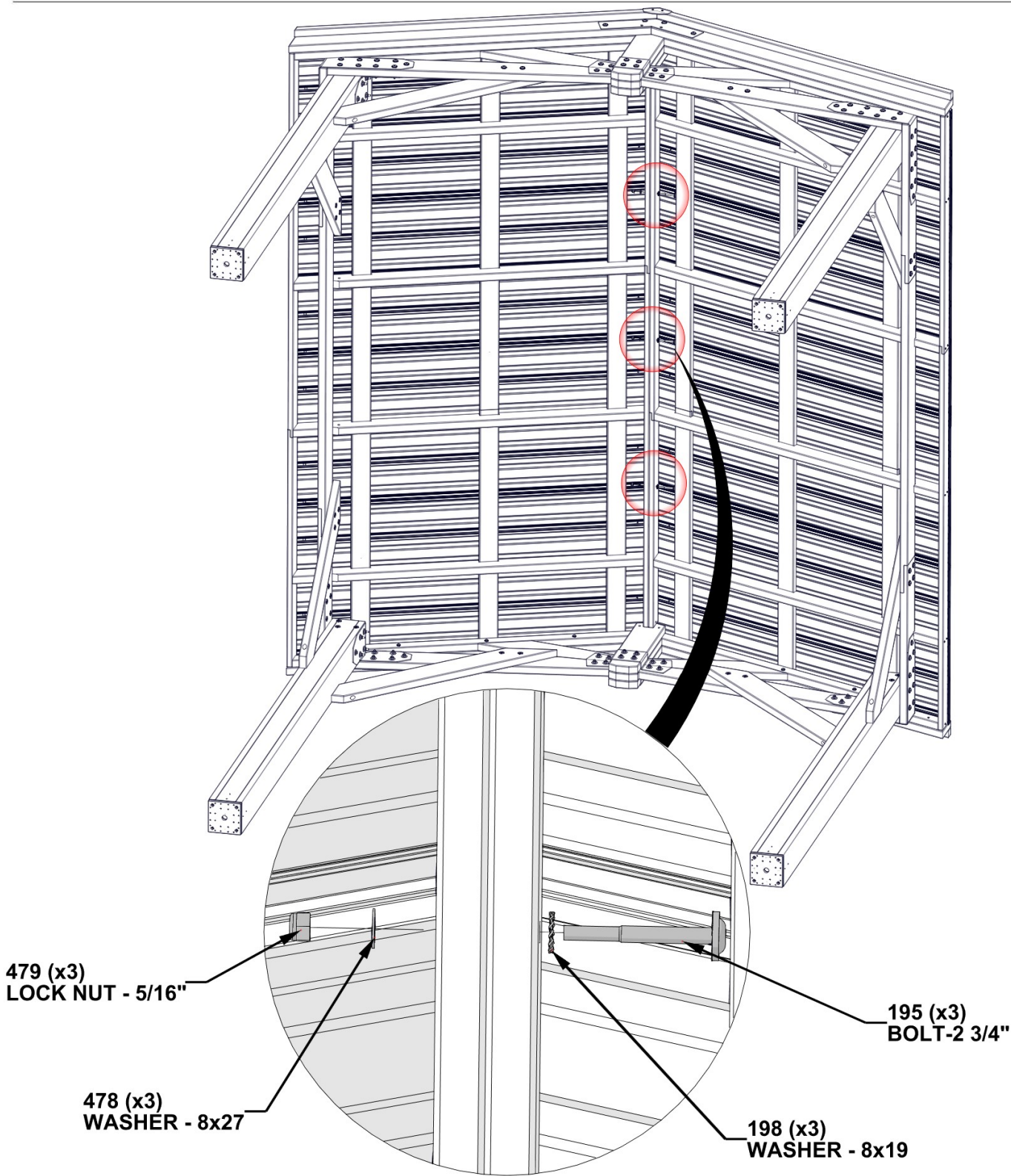
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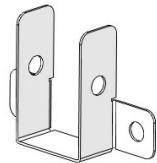


STEP 20 - ROOF ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
3	H100479	NUT LOCK 5/16 BLK
3	H100478	WASHER FLAT 8x27 BLK
3	H100195	BOLT WH 5/16x2 3/4 BLK
3	H100198	WASHER LOCK EXT 8x19



STEP 21 - ROOF ASSEMBLY



A4M01148 TRUSS BRACKET
(x2)

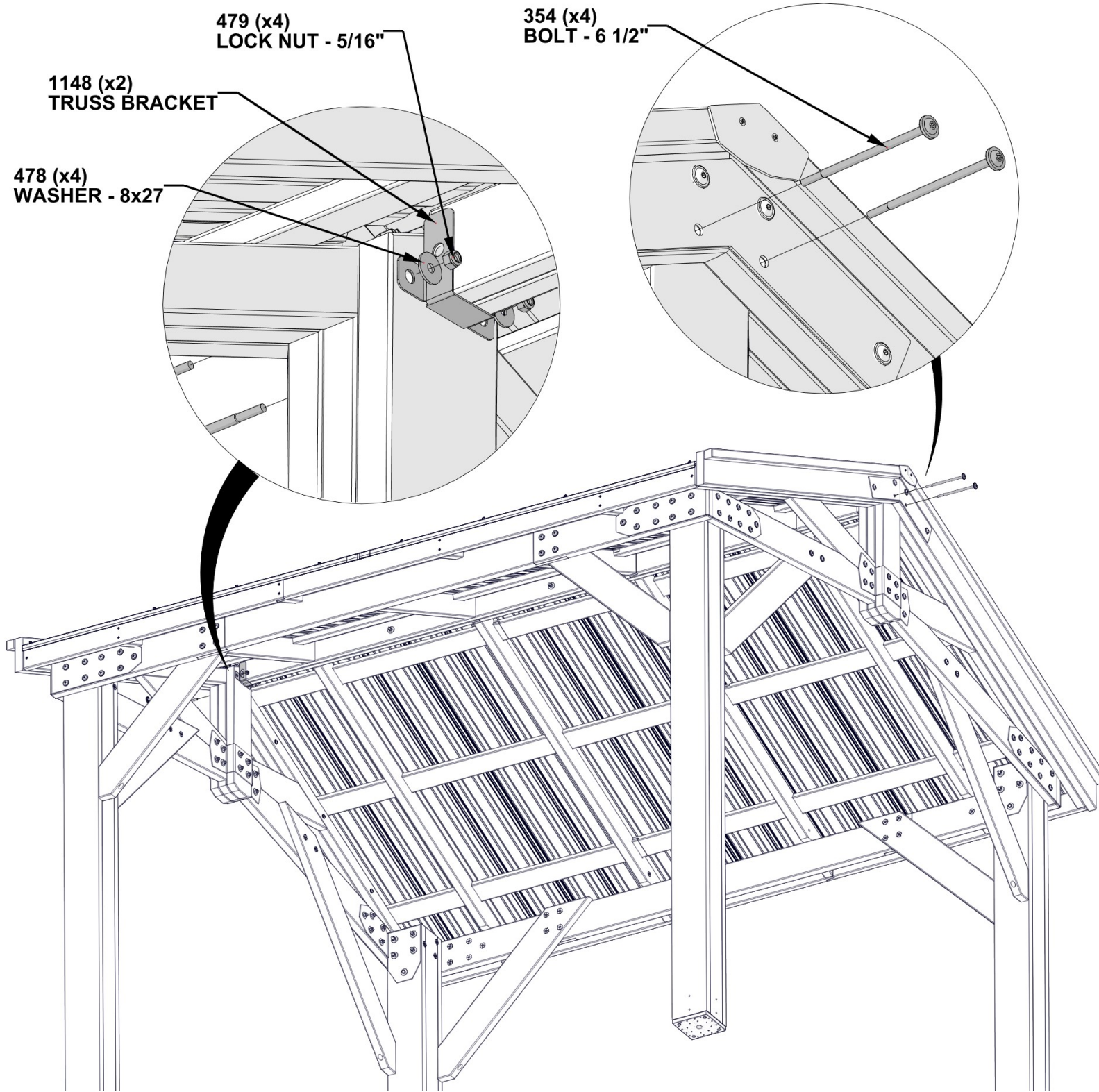
QTY	PART NUMBER	DESCRIPTION
4	H100479	NUT LOCK 5/16 BLK
4	H100478	WASHER FLAT 8x27 BLK
4	H100354	BOLT WH 5/16x6 1/2 BLK

479 (x4)
LOCK NUT - 5/16"

1148 (x2)
TRUSS BRACKET

478 (x4)
WASHER - 8x27

354 (x4)
BOLT - 6 1/2"



STEP 22 - ROOF ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
2	H100479	NUT LOCK 5/16 BLK
2	H100478	WASHER FLAT 8x27 BLK
2	H100195	BOLT WH 5/16x2 3/4 BLK

