



Manufactured by:
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14x12 RAYVEN GAZEBO

MODEL # : 2105324



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



INSTALLATION
SERVICES
AVAILABLE!*

See inside for details

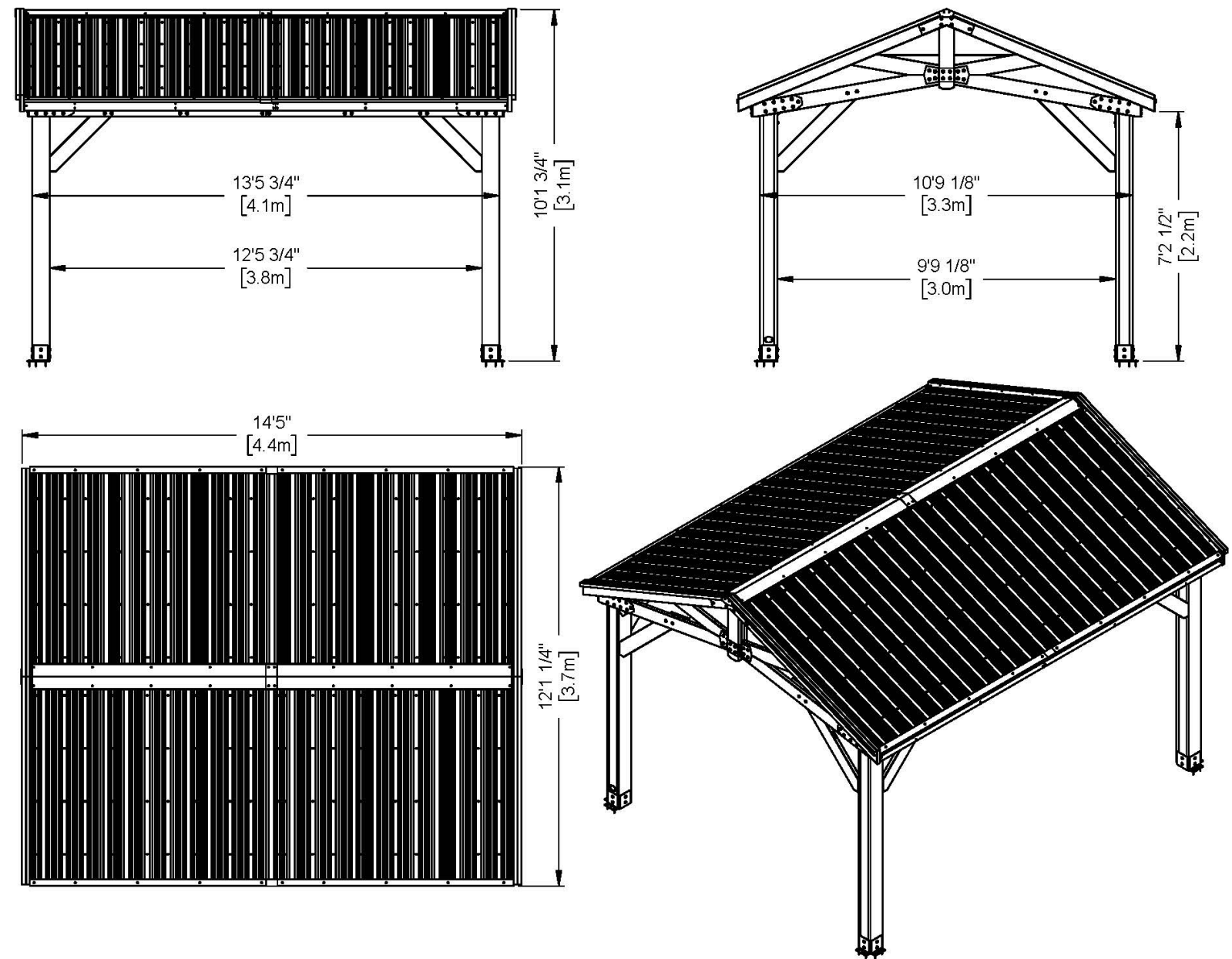
OWNER'S MANUAL - BASIC SETUP DIMENSIONS & ASSEMBLY NOTES

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

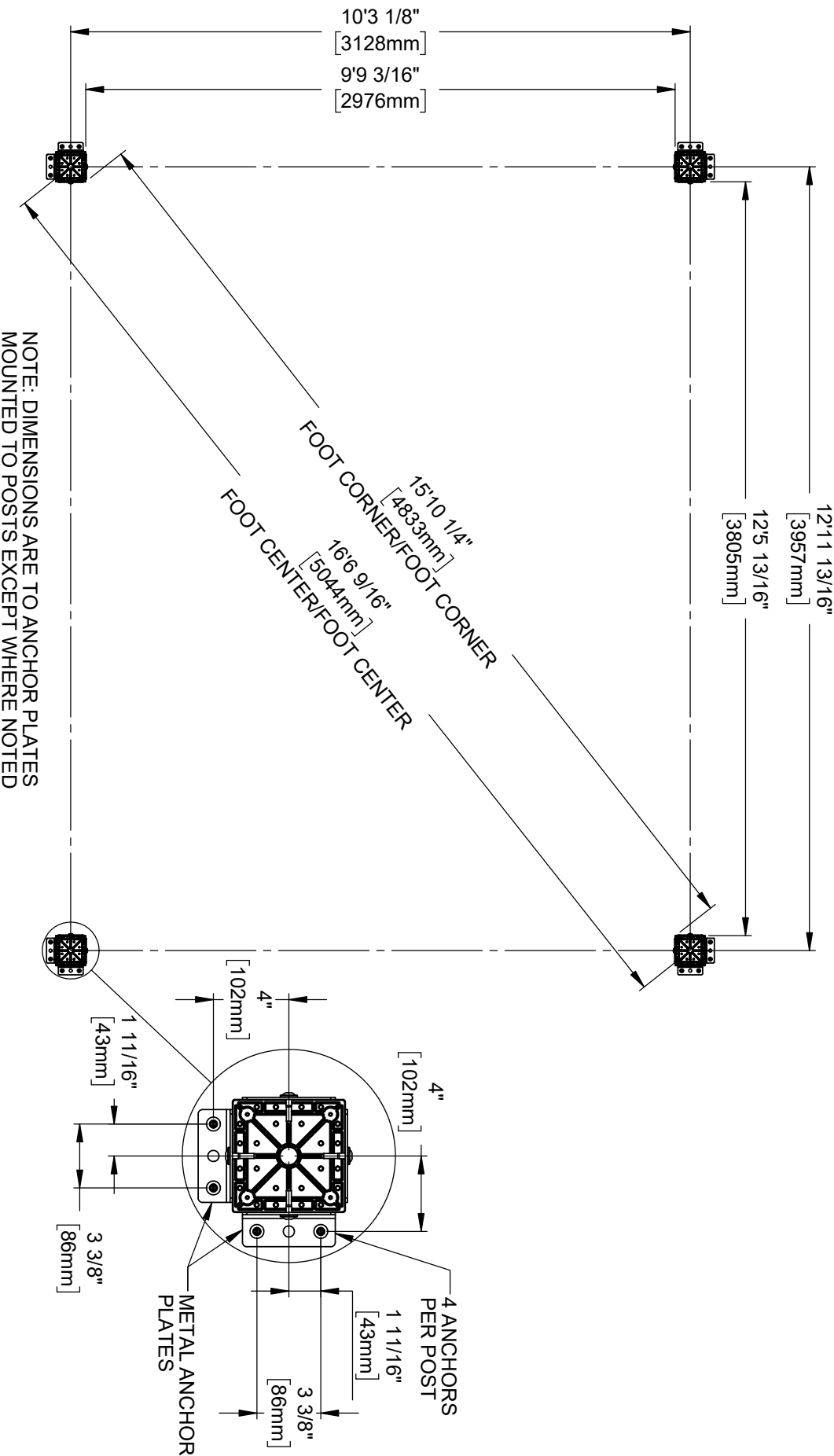
- Pay close attention to the items needed for each step. Make sure you are using the correct hardware for each step. Using incorrect hardware may result in improper assembly
- Remember to double check for underground utilities and overhead electrical lines

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

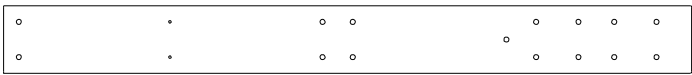


OWNER'S MANUAL - PARTS IDENTIFICATION

Wood Components (Not to Scale)



D01 | GABLE BOARD - W4L14992
(x4) | 1 3/8"x5 1/4"x24 1/4" (36x134x615)



D02 | TOP RAIL - W4L14998
(x4) | 1 3/8"x5 1/4"x53 3/4" (36x134x1366)



D03 | TOP RAIL - W4L14994
(x2) | 1 3/8"x5 1/4"x57" (36x134x1448)



D04 | CORBEL - W4L14997
(x4) | 1 3/8"x5 1/4"x35 7/8" (36x134x910)



D05 | GABLE BOARD - W4L14995
(x2) | 1 3/8"x1 1/2"x5 1/4" (36x38x134)



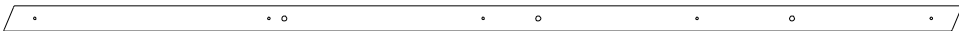
D06 | CORBEL - W4L14996
(x3) | 1 3/8"x5 1/4"x45 5/8" (36x134x1160)



D07 | TOP RAIL - W4L15038
(x4) | 1 3/8"x5 1/4"x82 1/4" (36x134x2091)



E01 | RAFTER - W4L14988
(x8) | 1 3/8"x3 3/8"x76 3/8" (36x86x1941)



E02 | TRUSS - W4L15001
(x4) | 1 7/16"x1 15/16"x74 15/16" (36x50x1903)



E03 | SHEATHING BOARD - W4L14989
(x8) | 1 3/8"x3 3/8"x80 3/8" (36x86x2040)



E04 | SHEATHING BOARD - W4L14990
(x8) | 1 3/8"x3 3/8"x87" (36x86x2209)



E05 | RAFTER - W4L15004
(x4) | 1 3/8"x3 3/8"x76 3/8" (36x86x1941)



E06 | ACCESSORY TRUSS - W4L14991
(x2) | 1 3/8"x3 3/8"x73 13/16" (36x86x1875)



H02 | FASCIA - W4L14987
(x2) | 1"x3 3/8"x80 3/8" (24x86x2040)



H03 | FASCIA - W4L14993
(x2) | 1"x3 3/8"x87" (24x86x2209)



H04 | RAFTER - W4L14999
(x2) | 1"x3 3/8"x89 1/4" (24x86x2267)

OWNER'S MANUAL - PARTS IDENTIFICATION

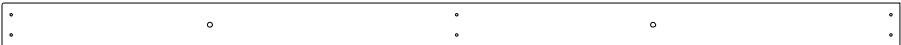
Wood Components (Not to Scale)



H05 | **RAFTER - W4L15000**
(x2) | 1"x3 3/8"x69 1/2" (24x86x1766)



H06 | **FASCIA - W4L15005**
(x2) | 1"x3 3/8"x63 1/2" (24x86x1614)



H07 | **FASCIA - W4L15006**
(x2) | 1"x3 3/8"x70 1/8" (24x86x1783)



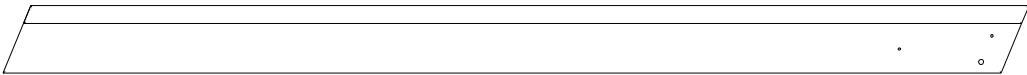
J09 | **RIDGE CAP STIFFENER - W4L15002**
(x2) | 1"x2 3/8"x77 5/8" (24x60x1973)



J10 | **RIDGE CAP STIFFENER - W4L15003**
(x2) | 1"x2 3/8"x89 1/2" (24x60x2273)



CA01 | **CORBEL - W2A02879**
(x1) | 1 7/16"x5 3/8"x46 1/16" (36x136x1160)



GP1 | **GABLE PANEL - W2A02871**
(x2) | 2 13/16"x5 1/4"x80 3/16" (72x134x2037)



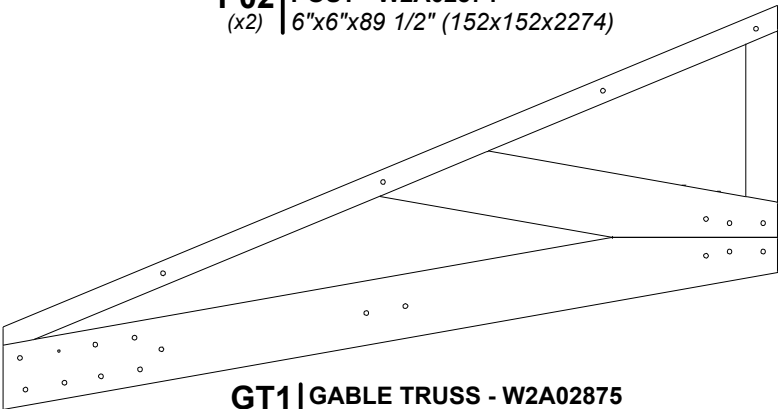
GP2 | **GABLE PANEL - W2A02872**
(x2) | 2 13/16"x5 1/4"x80 3/16" (72x134x2037)



P01 | **POST - W2A02873**
(x2) | 6"x6"x89 1/2" (152x152x2274)



P02 | **POST - W2A02874**
(x2) | 6"x6"x89 1/2" (152x152x2274)



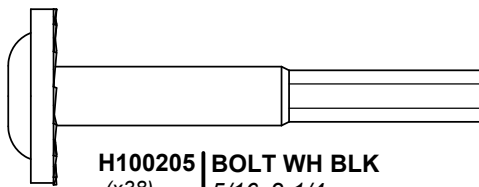
GT1 | **GABLE TRUSS - W2A02875**
(x4) | 1 7/16"x33 5/8"x64 9/16" (36x854x1640)

OWNER'S MANUAL - PARTS IDENTIFICATION

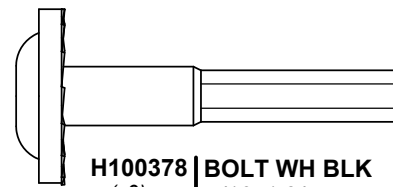
Hardware Components



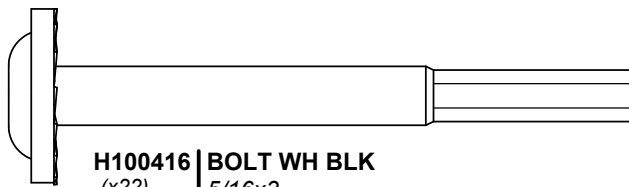
H100195 | BOLT WH BLK
(x36) | 5/16x2-3/4



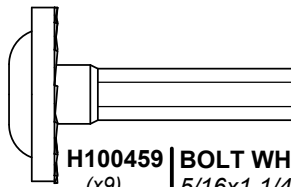
H100205 | BOLT WH BLK
(x38) | 5/16x2-1/4



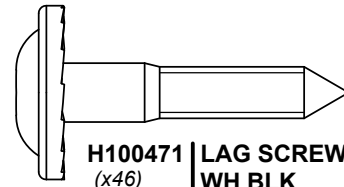
H100378 | BOLT WH BLK
(x9) | 5/16x1 3/4



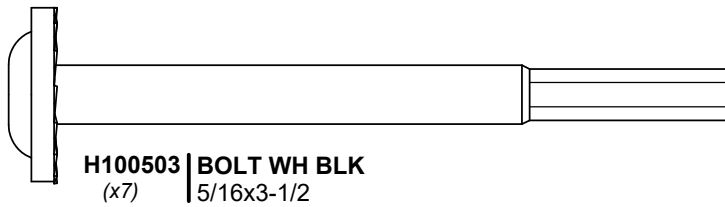
H100416 | BOLT WH BLK
(x22) | 5/16x3



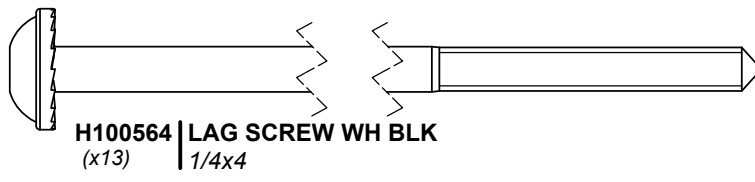
H100459 | BOLT WH BLK
(x9) | 5/16x1 1/4



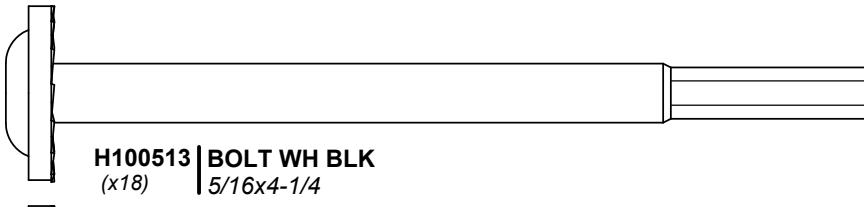
H100471 | LAG SCREW
(x46) | WH BLK
5/16x1 1/2



H100503 | BOLT WH BLK
(x7) | 5/16x3-1/2



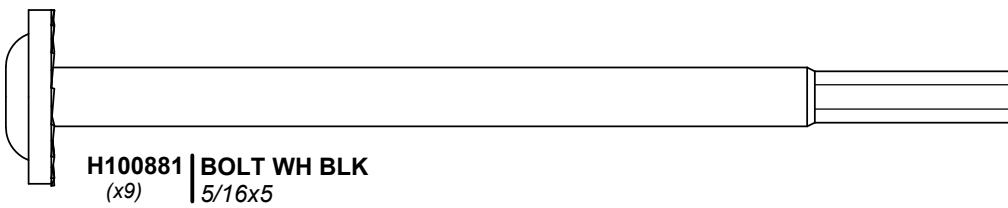
H100564 | LAG SCREW WH BLK
(x13) | 1/4x4



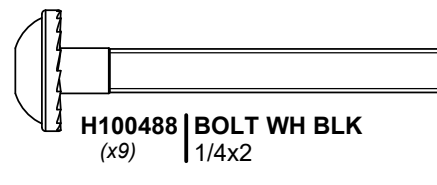
H100513 | BOLT WH BLK
(x18) | 5/16x4-1/4



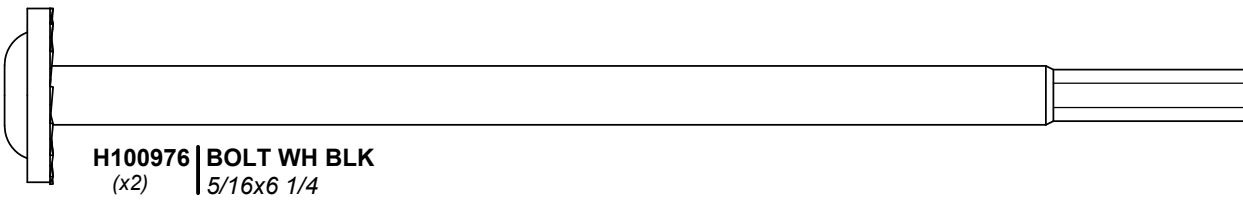
H100792 | LAG SCREW WH BLK
(x9) | 1/4x3



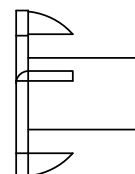
H100881 | BOLT WH BLK
(x9) | 5/16x5



H100488 | BOLT WH BLK
(x9) | 1/4x2



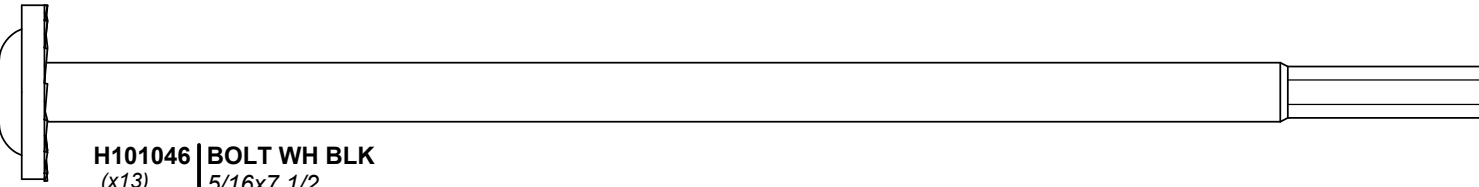
H100976 | BOLT WH BLK
(x2) | 5/16x6 1/4



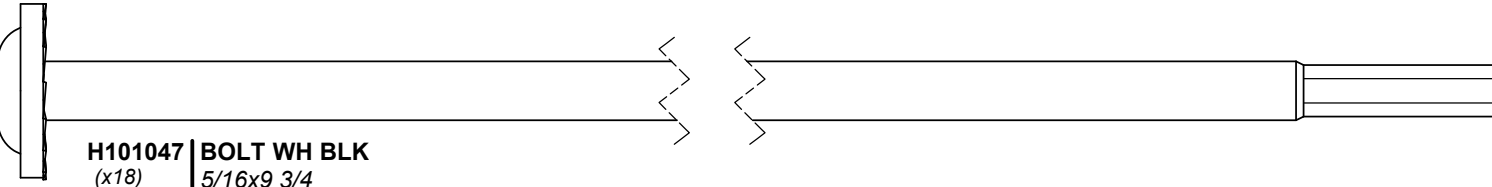
H100379 | T-NUT BLK
(x98) | 5/16



H100354 | BOLT WH BLK
(x4) | 5/16x6 1/2



H101046 | BOLT WH BLK
(x13) | 5/16x7 1/2



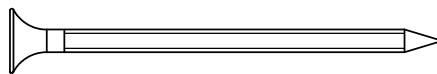
H101047 | BOLT WH BLK
(x18) | 5/16x9 3/4

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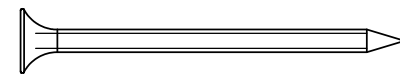
Hardware Components



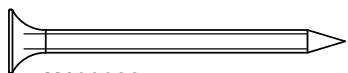
H100201 | SCREW PFH BLK
(x39) | 8x2-1/2



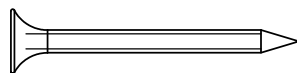
H100483 | SCREW PFH BLK
(x4) | 8x2 1/4



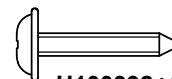
H100391 | SCREW PFH BLK
(x120) | 8x2



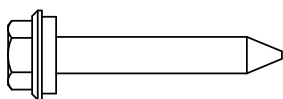
H100382 | SCREW PFH BLK
(x11) | 8x1 3/4



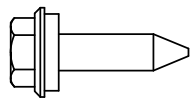
H100200 | SCREW PFH BLK
(x24) | 8x1 1/2



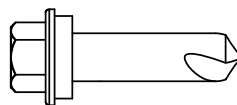
H100392 | SCREW PWH BLK
(x24) | 8x3/4



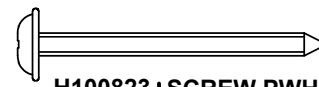
H100760 | SCREW WOODGRIP
(x188) | 10x1 1/4



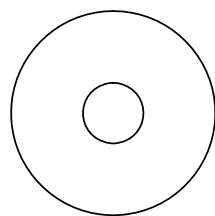
H100833 | SCREW WOODGRIP
(x22) | 10x3/4



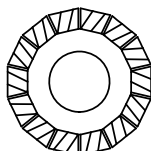
H100759 | SCREW TAPPING
(x22) | 1/4x1



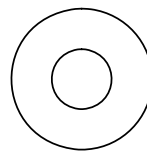
H100823 | SCREW PWH BLK
(x17) | 8x1-1/2



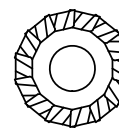
H100478 | WASHER FLAT BLK
(x82) | 8x27



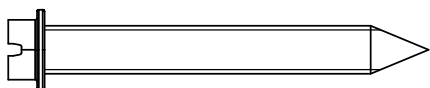
H100198 | WASHER LOCK EXT BLK
(x68) | 8x19



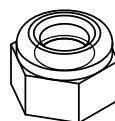
H100630 | WASHER FLAT BLK
(x26) | 8x19



H100405 | WASHER LOCK EXT BLK
(x22) | 6x15



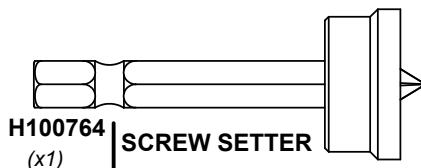
H100120 | SCREW CONCRETE ANCHOR
(x18) | 1/4x2



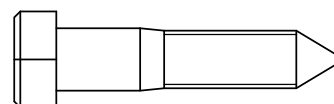
H100479 | NUT LOCK BLK
(x76) | 5/16



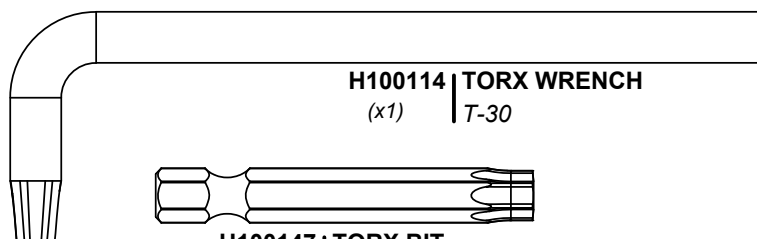
H100653 | NUT LOCK BLK
(x9) | 1/4



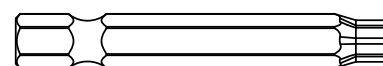
H100764 | SCREW SETTER
(x1) |



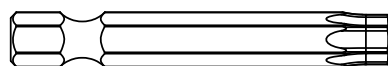
H100659 | LAG SCREW BLK
(x4) | 5/16x1 1/2



H100114 | TORX WRENCH
(x1) | T-30

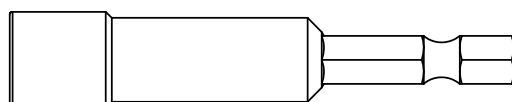
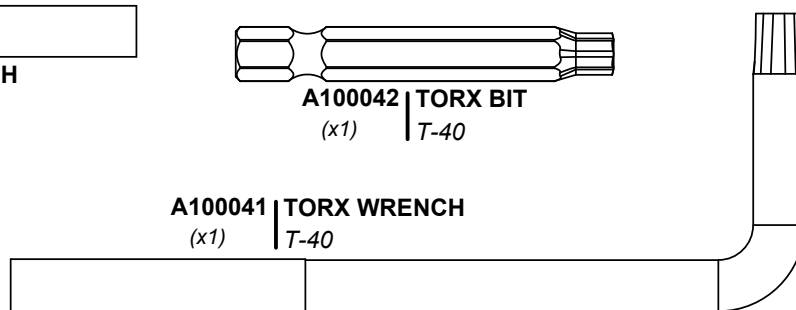


A100042 | TORX BIT
(x1) | T-40

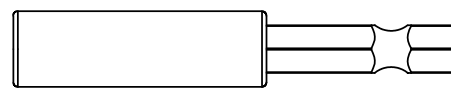


H100147 | TORX BIT
(x1) | T-30

A100041 | TORX WRENCH
(x1) | T-40



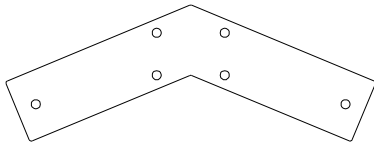
H101106 | HEX DRIVER
(x1) | 5/16



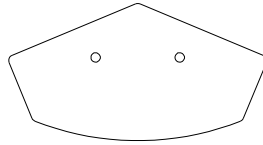
H101100 | MAGNETIC DRIVER
(x1) |

OWNER'S MANUAL - PARTS IDENTIFICATION

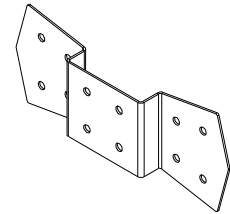
Accessory Components (Not to Scale)



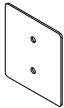
A4M01130 | GABLE BRACKET
(x2)



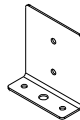
A4M01147 | PEAK SEAM BRACKET
(x2)



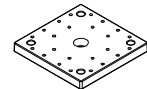
A4M01129 | GABLE BRACKET
(x4)



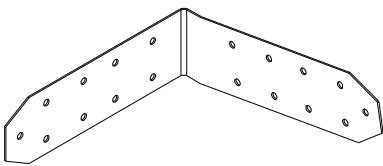
A4M00978 | POST PLATE
(x8)



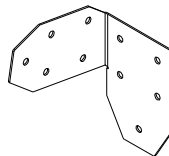
A4M00977 | POST ANCHORING PLATE
(x8)



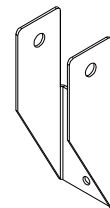
A6P00308 | 6x6 POST FOOT
(x4)



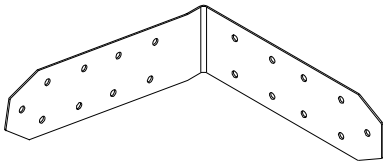
A4M01301 | RIGHT OUTSIDE BRACKET
(x2)



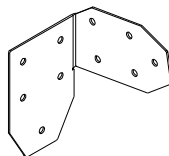
A4M01232 | LEFT ANGLE BRACKET
(x2)



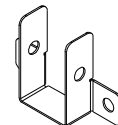
A4M01228 | RAFTER BRACKET
(x8)



A4M01302 | LEFT OUTSIDE BRACKET
(x2)



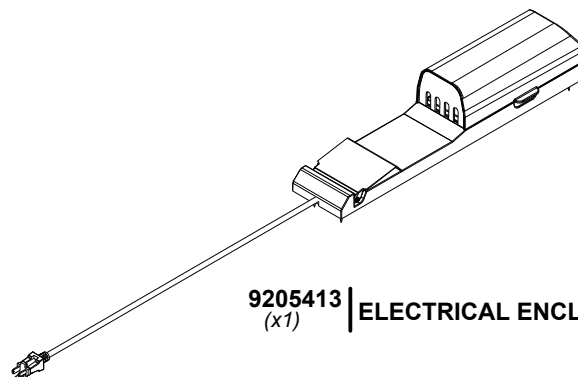
A4M01233 | RIGHT ANGLE BRACKET
(x2)



A4M01148 | TRUSS BRACKET
(x2)



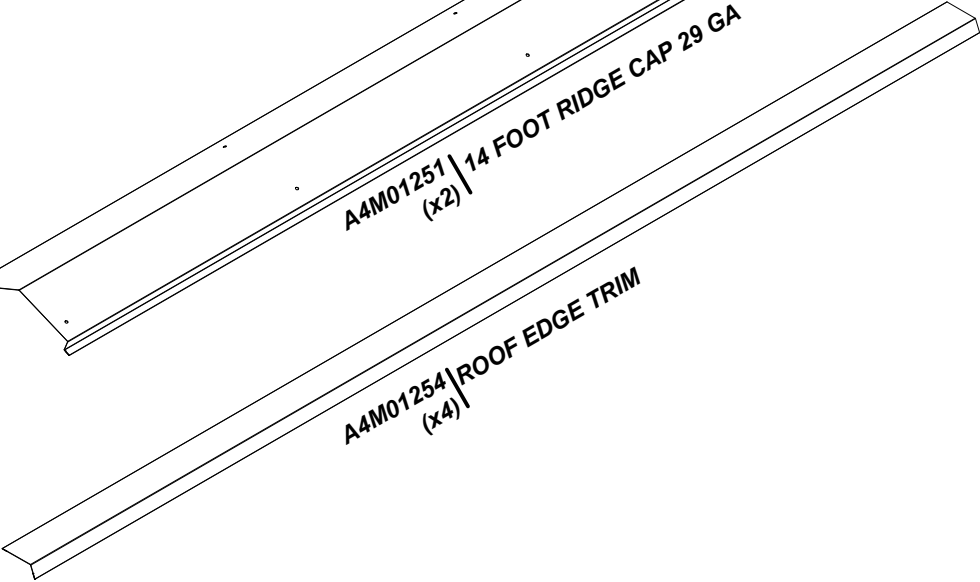
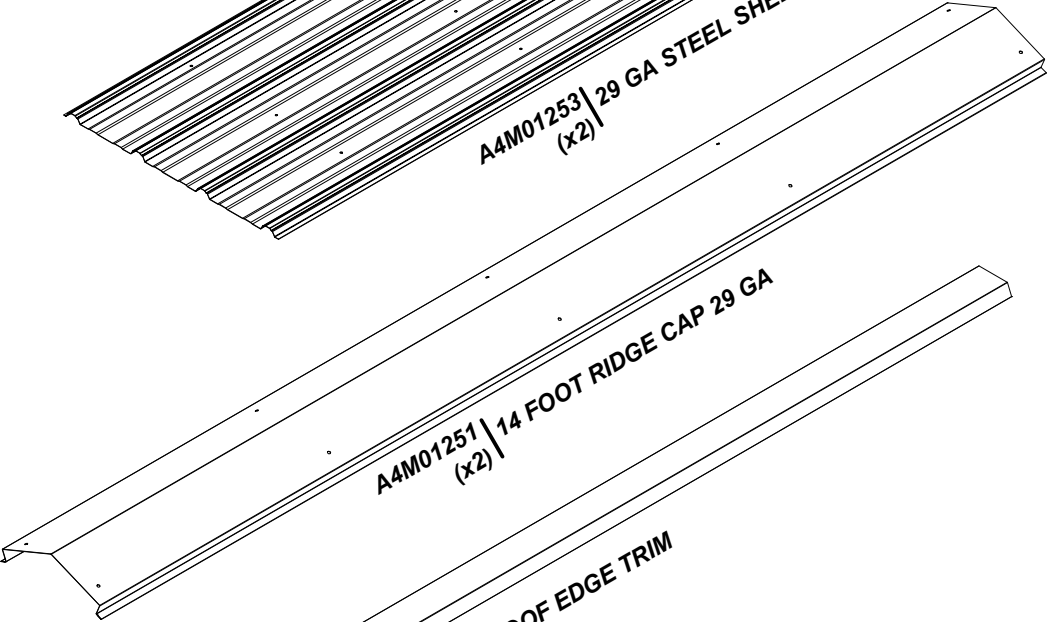
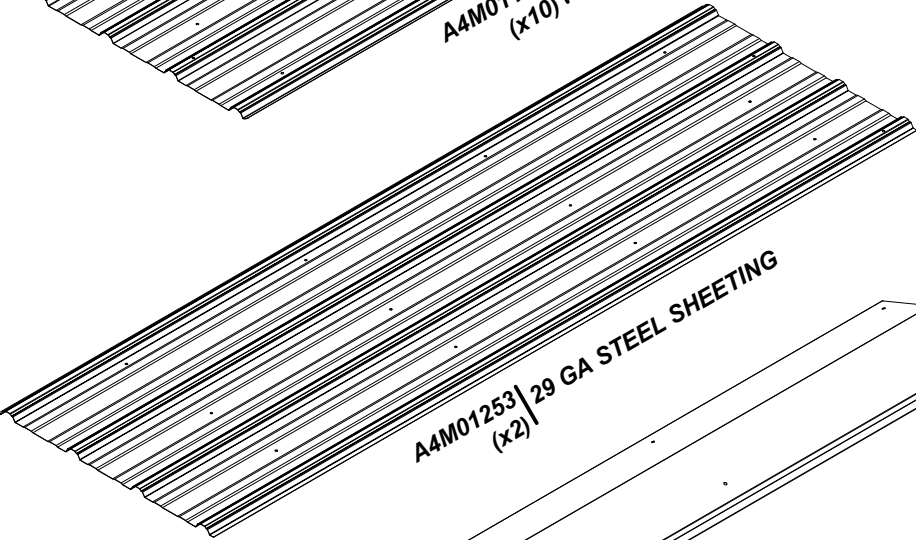
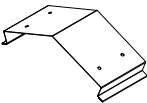
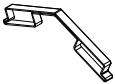
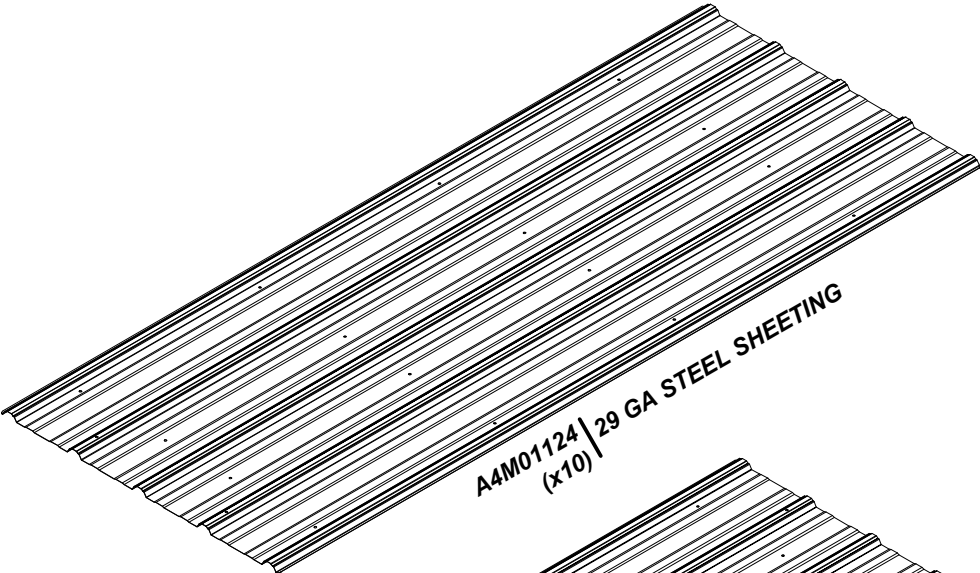
A100241 | BYD ID TAG
(x1) (SMALL)
WITHOUT AGES



9205413 | ELECTRICAL ENCLOSURE
(x1)

OWNER'S MANUAL - PARTS IDENTIFICATION

Accessory Components (Not to Scale)



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:

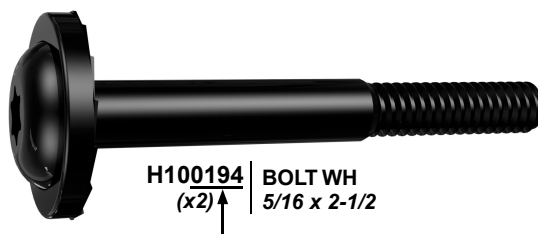
- Organize wood parts by the three-digit, alpha-numeric number stamped on each board (ex. P01).
- If there are multiple boards with the same stamped number, stack those pieces together.
- Stamps can be found on the flat surface of the boards or on the end of the boards.
- Allow yourself plenty of room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



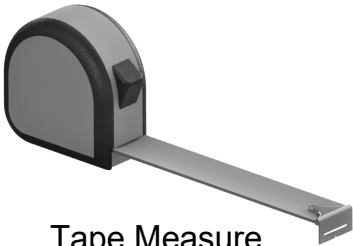
3/8" Drive Ratchet, 1/2" &
7/16" STD Sockets 1/2" & 7/16"
Deep Sockets



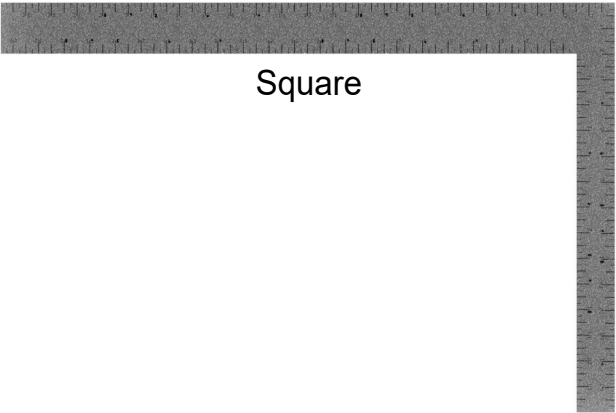
Claw Hammer



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.

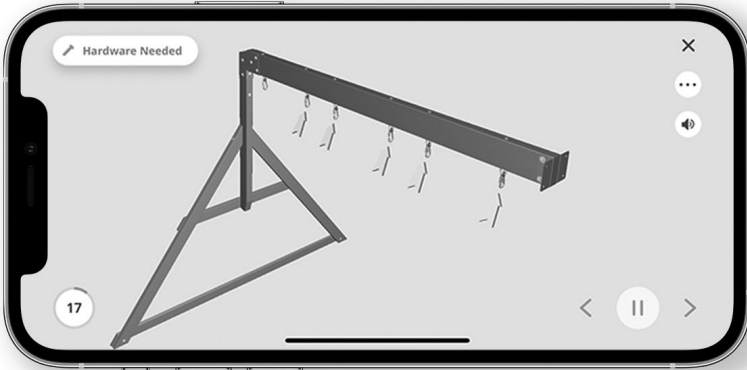
1. Printed Assembly Manual included with your set
2. BILT APP - 3D interactive instructions
3. Combination of the Printed Manual and BILT APP (Note: Step numbers can differ between the two methods)



Scan for easy 3D instructions

Download the BILT app
before you begin



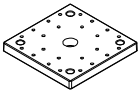


STEP 4 - GAZEBO ASSEMBLY

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



P01 | POST - W2A02873
(x2) | 6"x6"x89 1/2" (152x152x2274)



A6P00308 | 6x6 POST FOOT
(x4)

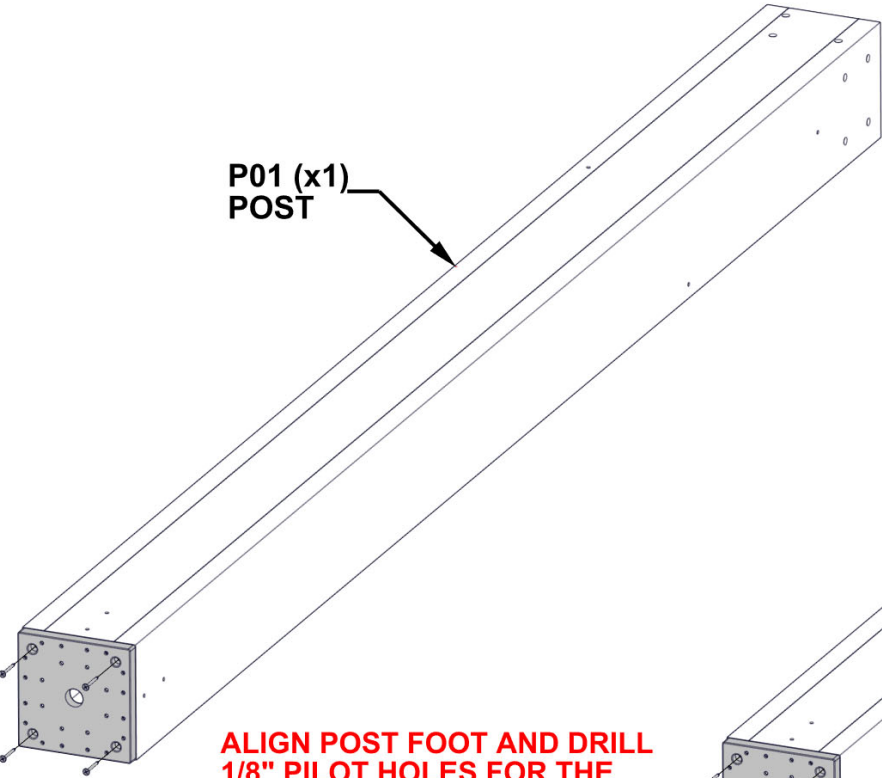


P02 | POST - W2A02874
(x2) | 6"x6"x89 1/2" (152x152x2274)

COMPLETE THIS STEP TWICE.

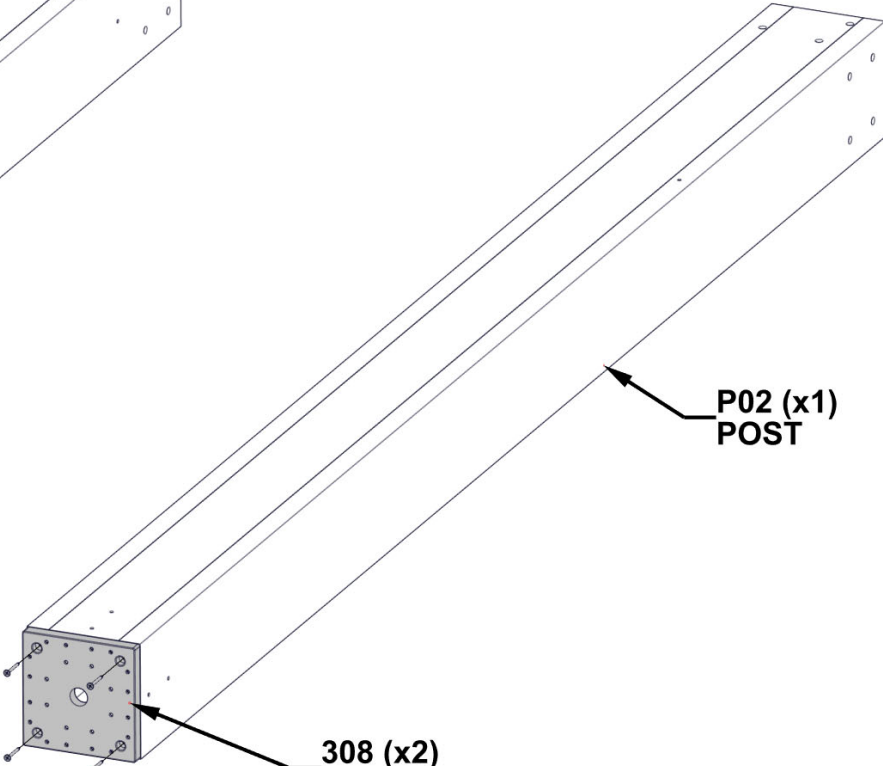
FOR EASE OF ASSEMBLY, WE RECOMMEND USING SAW HORSES FOR STEPS 4 - 9.

P01 (x1)
POST



ALIGN POST FOOT AND DRILL 1/8" PILOT HOLES FOR THE ATTACHMENT OF HARDWARE.

P02 (x1)
POST

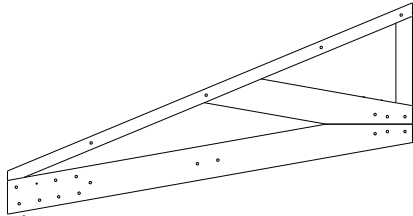


308 (x2)
6x6 POST FOOT

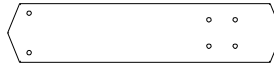
200 (x8)
SCREW-1 1/2"

STEP 5 - GAZEBO ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
16	H100205	BOLT WH 5/16x2 1/4 BLK
24	H100478	WASHER FLAT 8x27 BLK
24	H100479	NUT LOCK 5/16 BLK
4	H100483	SCREW PFH 8x2 1/4 BLK
8	H100881	BOLT WH 5/16x5 BLK



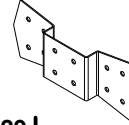
GT1 | GABLE TRUSS - W2A02875
(x4) | 1 7/16"x33 5/8"x64 9/16" (36x854x1640)



D01 | GABLE BOARD - W4L14992
(x4) | 1 3/8"x5 1/4"x24 1/4" (36x134x615)



D05 | GABLE BOARD - W4L14995
(x2) | 1 3/8"x1 1/2"x5 1/4" (36x38x134)

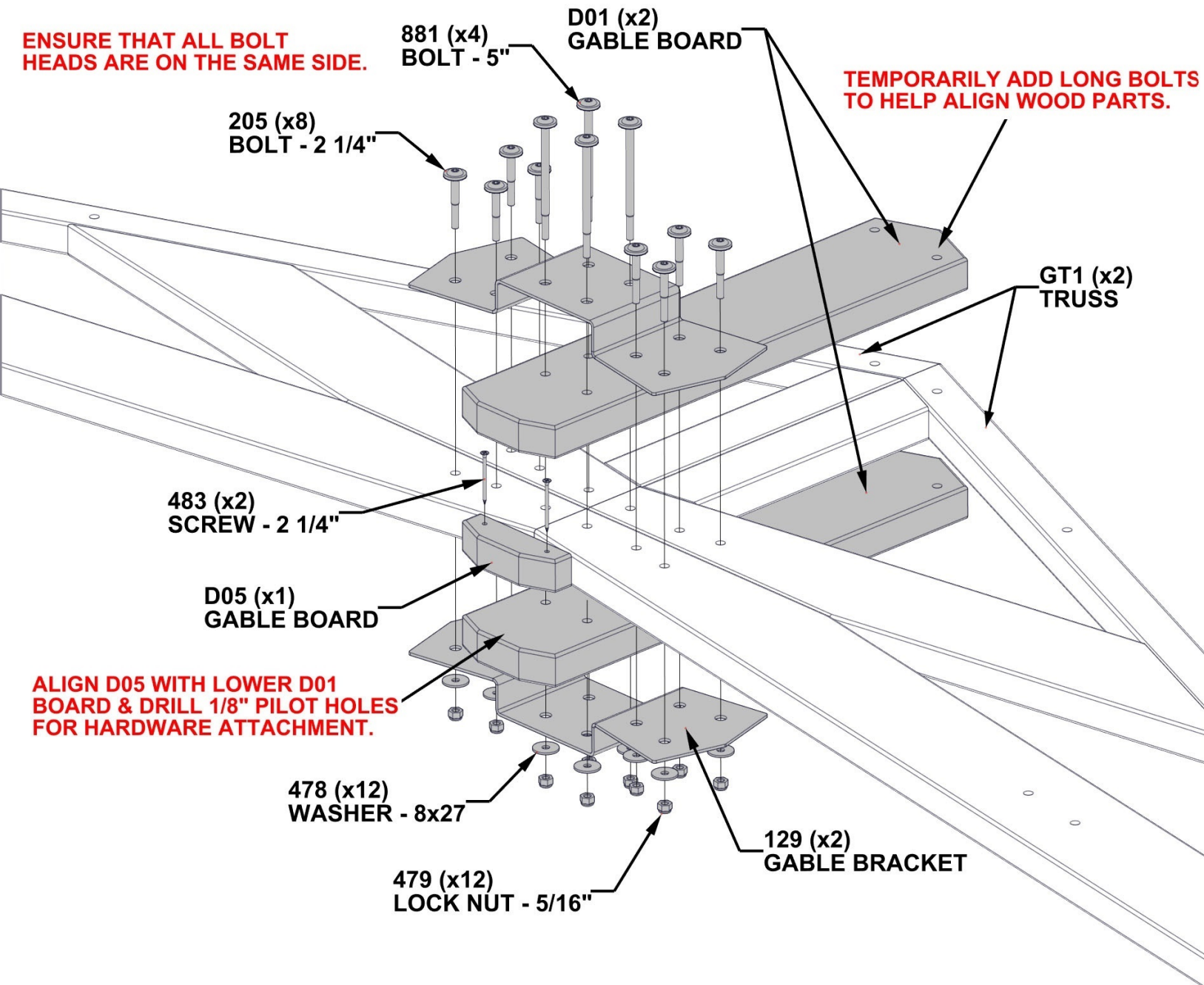


A4M01129 | GABLE BRACKET
(x4)

COMPLETE THIS STEP TWICE.

IF NEEDED FOR EASE OF ASSEMBLY, USE METAL BRACKET AS A GUIDE AND DRILL THROUGH USING A 7/16" - (10mm) DRILL BIT, THEN ASSEMBLE.

ENSURE THAT ALL BOLT HEADS ARE ON THE SAME SIDE.



STEP 6A - GAZEBO ASSEMBLY

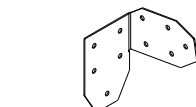
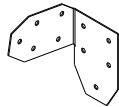
P01 POST - W2A02873
(x2) 6"x6"x89 1/2" (152x152x2274)

P02 POST - W2A02874
(x2) 6"x6"x89 1/2" (152x152x2274)

D02 TOP RAIL - W4L14998
(x4) 1 3/8"x5 1/4"x53 3/4" (36x134x1366)

D07 TOP RAIL - W4L15038
(x4) 1 3/8"x5 1/4"x82 1/4" (36x134x2091)

A4M01301 RIGHT OUTSIDE
(x2) BRACKET



A4M01302 LEFT OUTSIDE
(x2) BRACKET

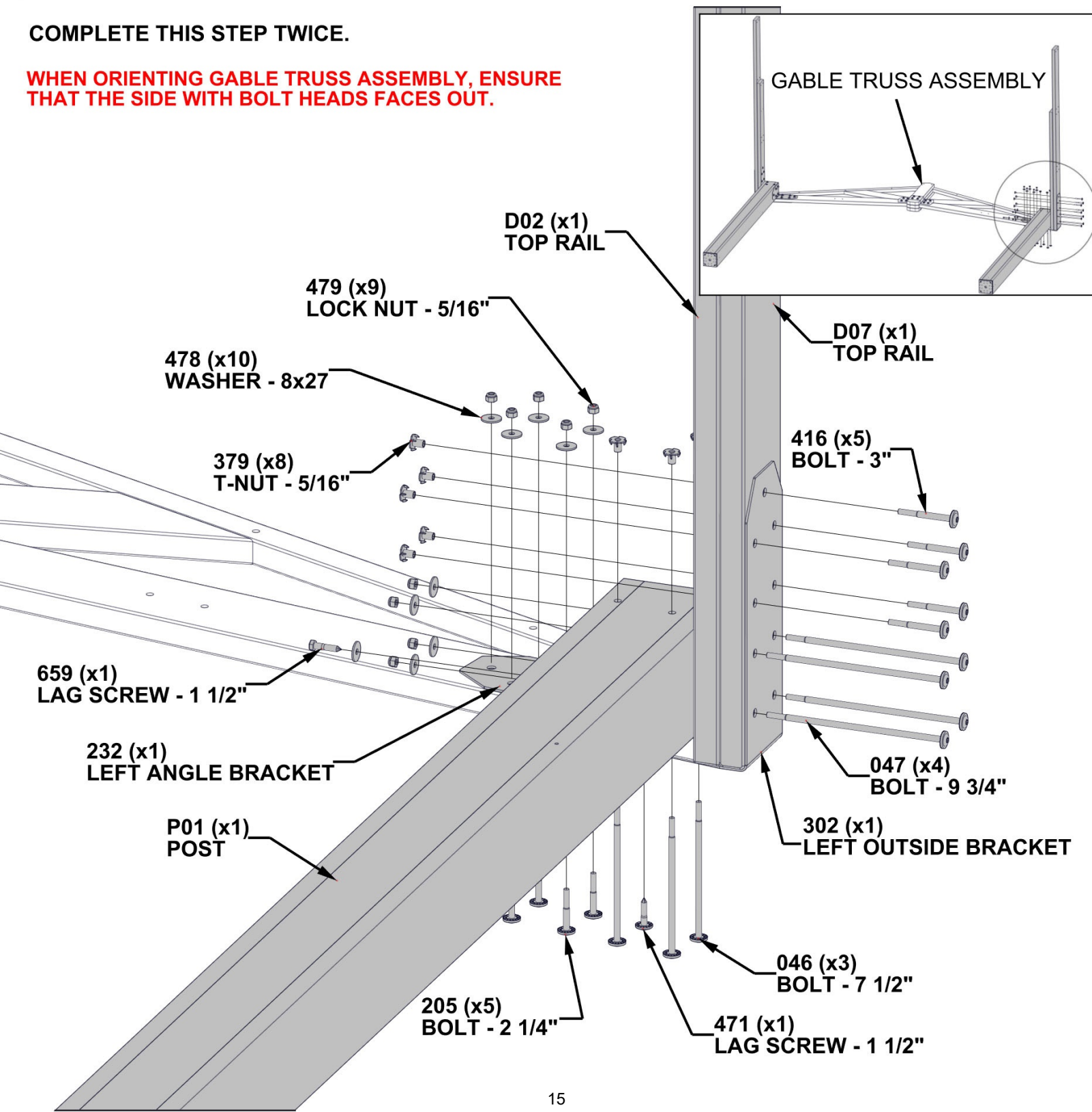
A4M01232 LEFT ANGLE
(x2) BRACKET

A4M01233 RIGHT ANGLE
(x2) BRACKET

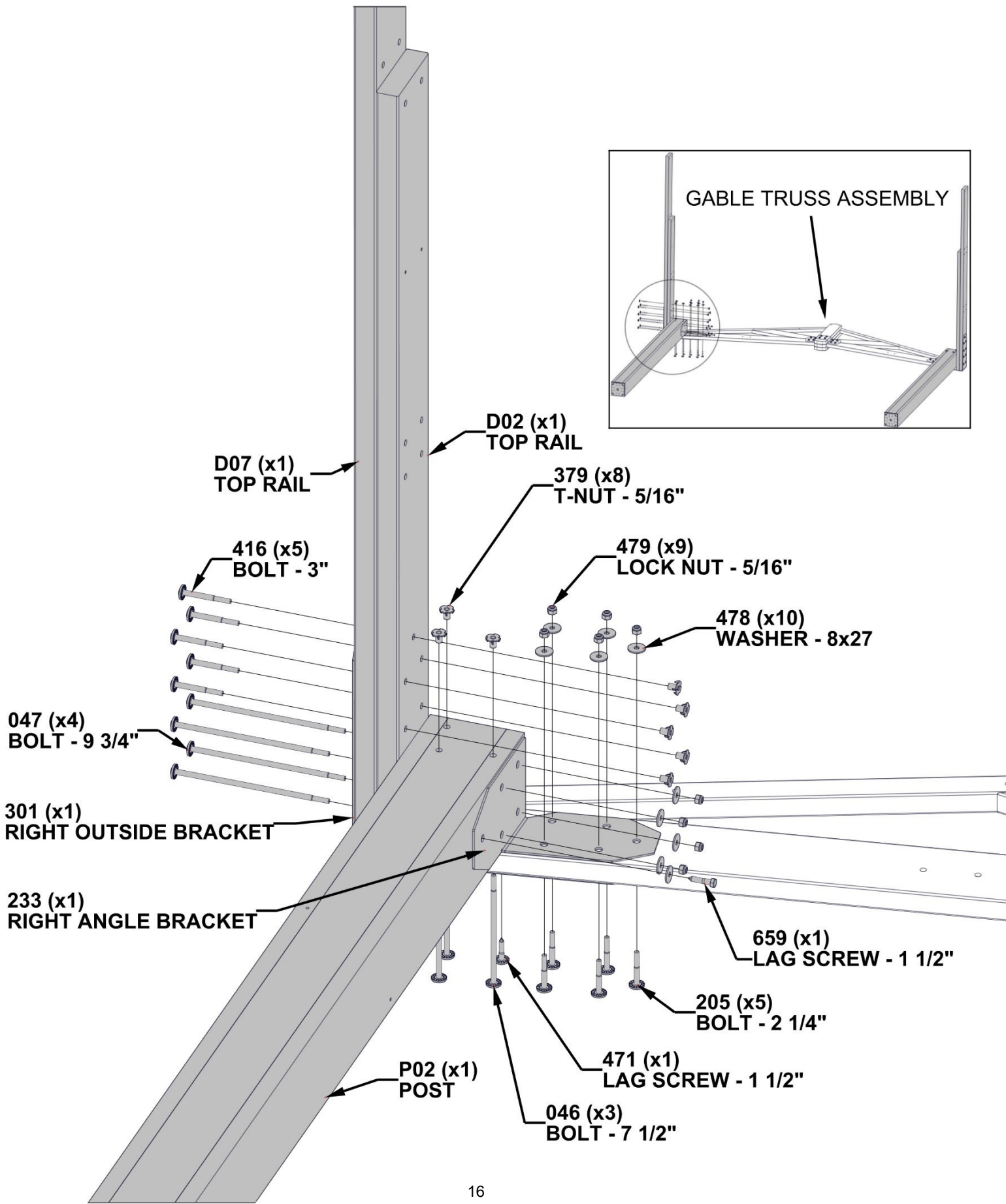
QTY	PART NUMBER	DESCRIPTION
20	H100205	BOLT WH 5/16x2 1/4 BLK
32	H100379	T-NUT 5/16 BLK
20	H100416	BOLT WH 5/16x3 BLK
4	H100471	LAG SCREW WH 5/16x1 1/2 BLK
40	H100478	WASHER FLAT 8x27 BLK
36	H100479	NUT LOCK 5/16 BLK
4	H100659	LAG SCREW HEX 5/16x1 1/2 BLK
12	H101046	BOLT WH 5/16x7 1/2 BLK
16	H101047	BOLT WH 5/16x9 3/4 BLK

COMPLETE THIS STEP TWICE.

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

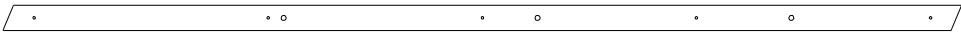


STEP 6B - GAZEBO ASSEMBLY



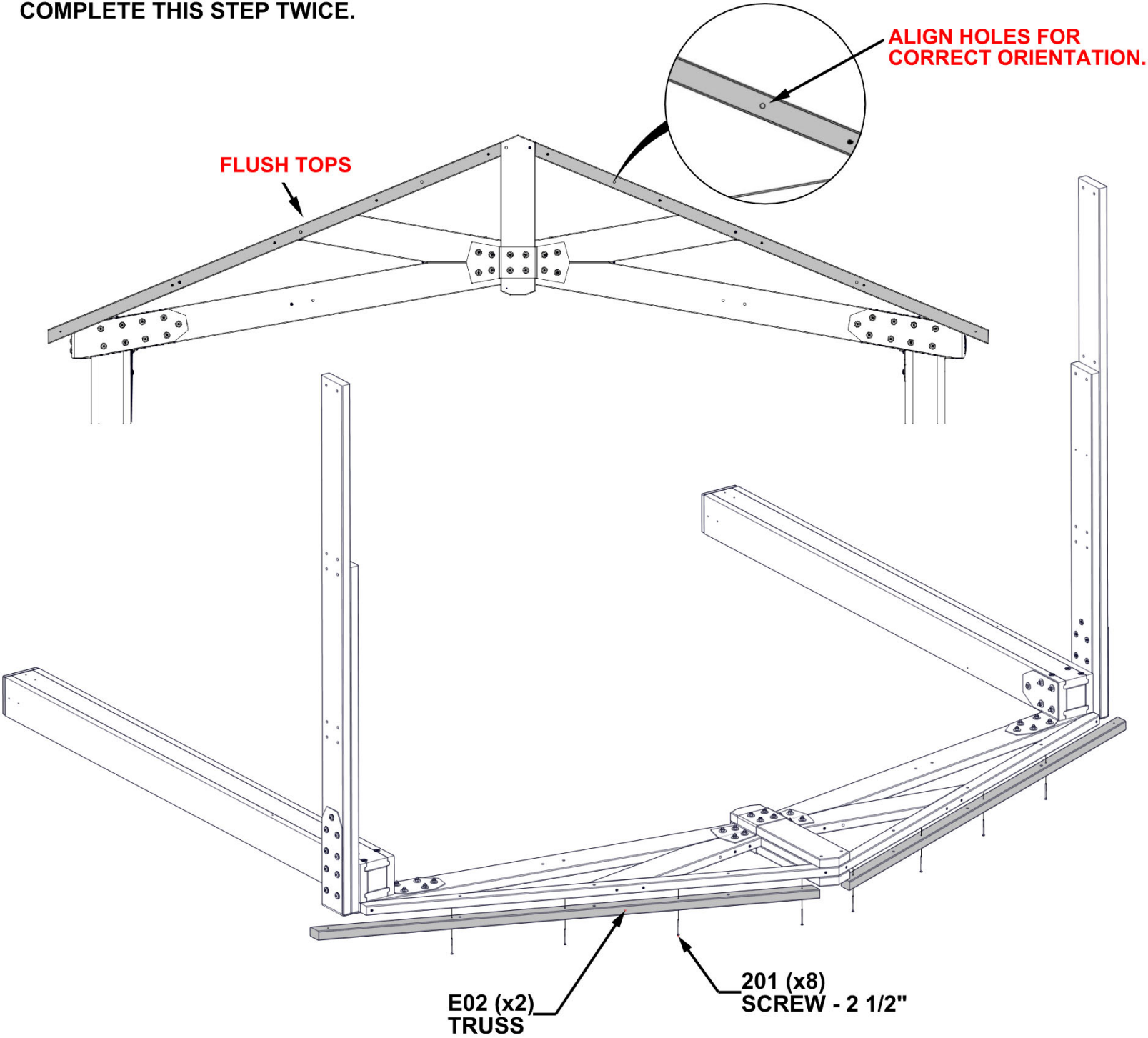
STEP 7 - GAZEBO ASSEMBLY

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



E02 | **TRUSS - W4L15001**
(x4) | 1 7/16"x1 15/16"x74 15/16" (36x50x1903)

COMPLETE THIS STEP TWICE.



STEP 8 - GAZEBO ASSEMBLY



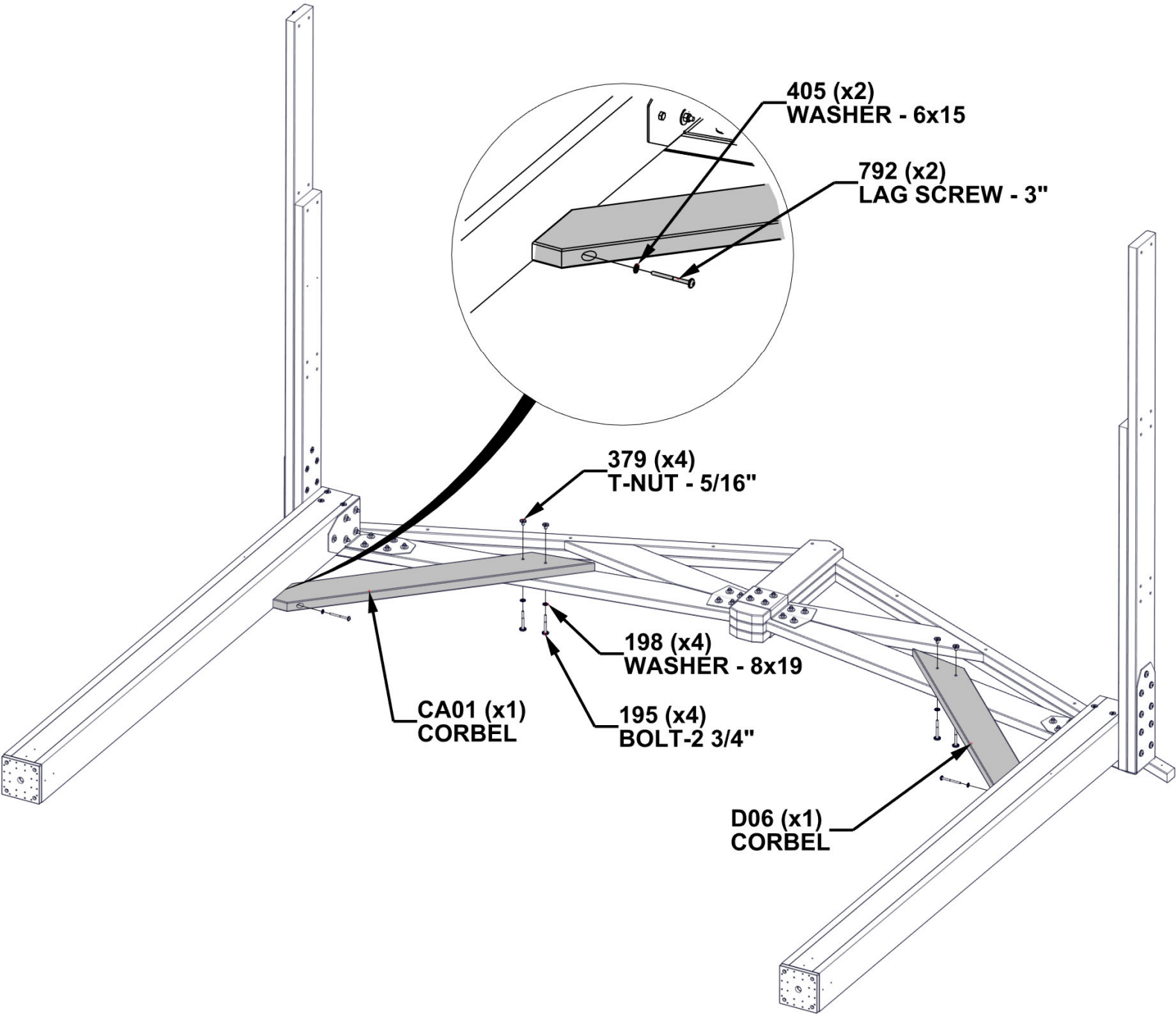
D06 | CORBEL - W4L14996
(x3) | 1 3/8"x5 1/4"x45 5/8" (36x134x1160)



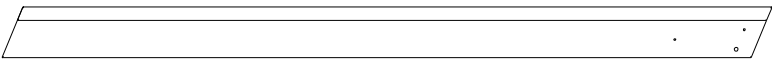
CA01 | CORBEL - W2A02879
(x1) | 1 7/16"x5 3/8"x46 1/16" (36x136x1160)

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

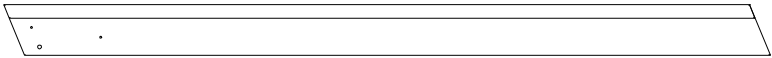
COMPLETE THIS STEP TWICE.
TWO D06 BOARDS WILL BE USED FOR OTHER SIDE.



STEP 9 - GAZEBO ASSEMBLY

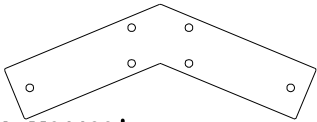


GP1 | GABLE PANEL - W2A02871
(x2) | 2 13/16"x5 1/4"x80 3/16" (72x134x2037)

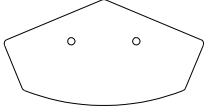


GP2 | GABLE PANEL - W2A02872
(x2) | 2 13/16"x5 1/4"x80 3/16" (72x134x2037)

QTY	PART NUMBER	DESCRIPTION
4	H100200	SCREW PFH 8x1 1/2 BLK
4	H100201	SCREW PFH 8x2 1/2 BLK
12	H100405	WASHER LOCK EXT 6x15
8	H100471	LAG SCREW WH 5/16x1 1/2 BLK
12	H100564	LAG SCREW WH 1/4x4 BLK

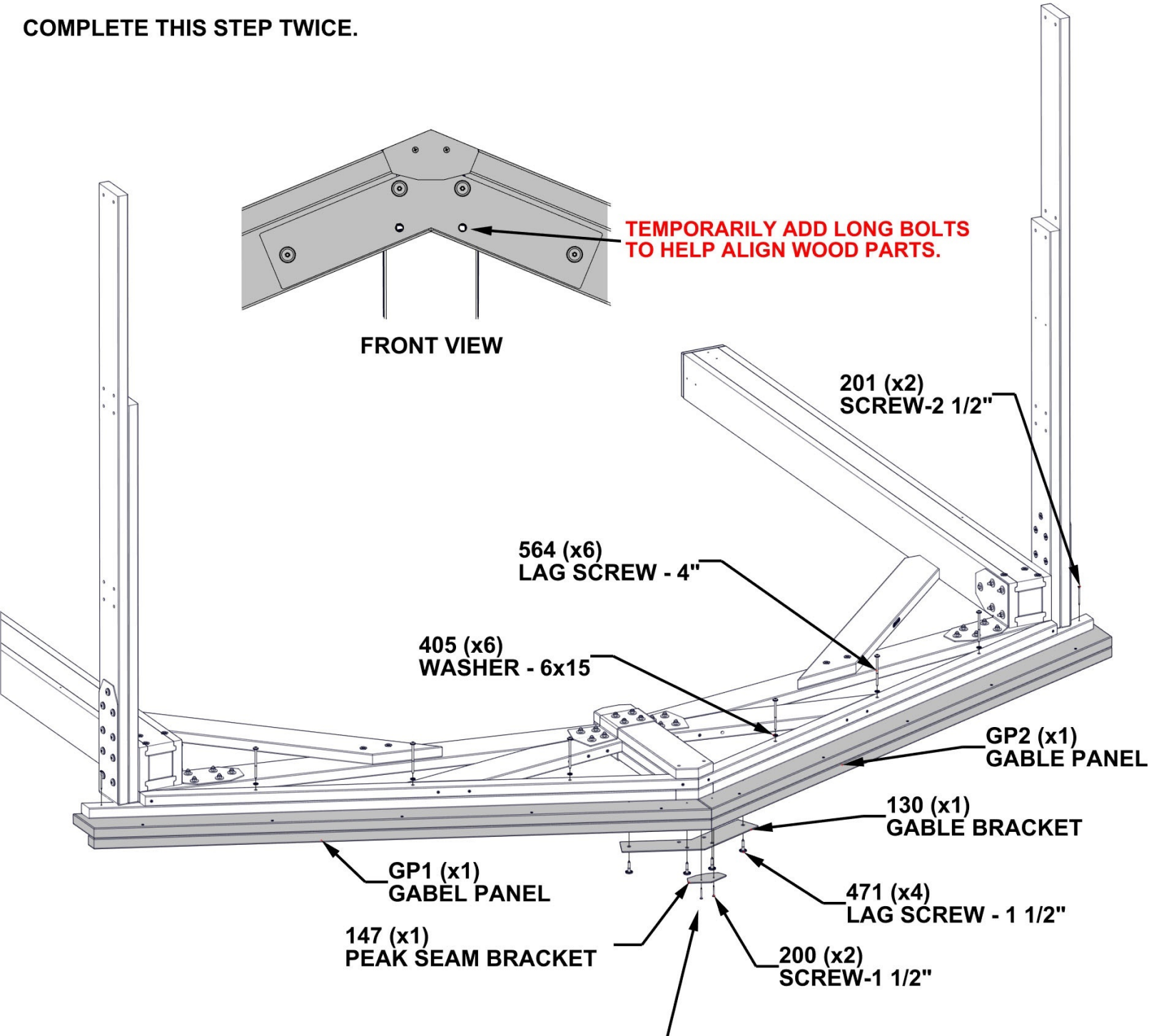


A4M01130 | GABLE BRACKET
(x2)



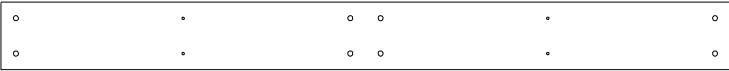
A4M01147 | PEAK SEAM BRACKET
(x2)

COMPLETE THIS STEP TWICE.



PRE-DRILL PILOT HOLES FOR SCREWS USING PEAK SEAM AS A GUIDE.

STEP 10 - GAZEBO ASSEMBLY

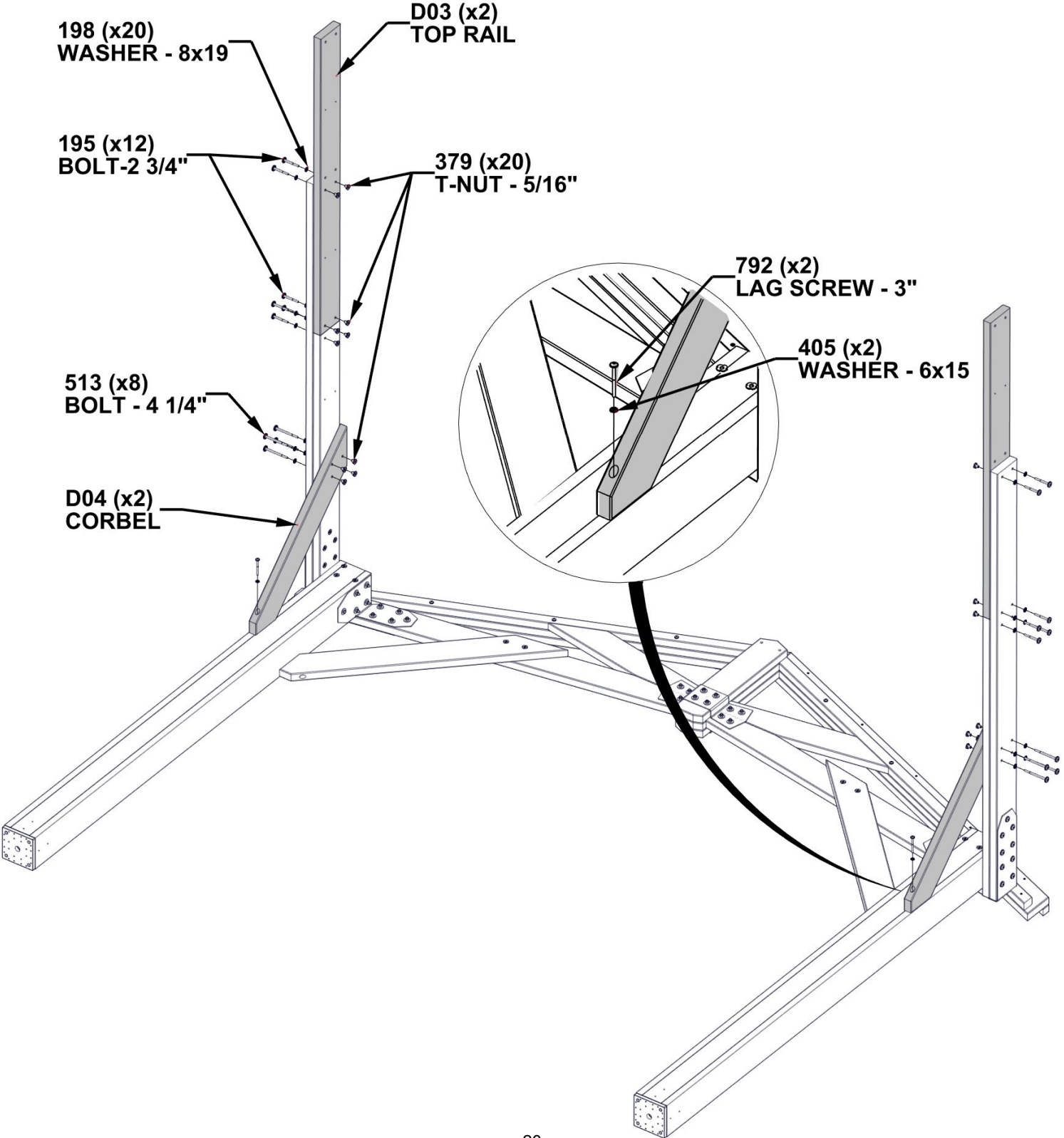


D03 | TOP RAIL - W4L14994
(x2) | 1 3/8"x5 1/4"x57" (36x134x1448)



D04 | CORBEL - W4L14997
(x2) | 1 3/8"x5 1/4"x35 7/8" (36x134x910)

QTY	PART NUMBER	DESCRIPTION
12	H100195	BOLT WH 5/16x2 3/4 BLK
20	H100198	WASHER LOCK EXT 8x19
20	H100379	T-NUT 5/16 BLK
2	H100405	WASHER LOCK EXT 6x15
8	H100513	BOLT WH 5/16x4 1/4 BLK
2	H100792	LAG SCREW WH 1/4x3 BLK

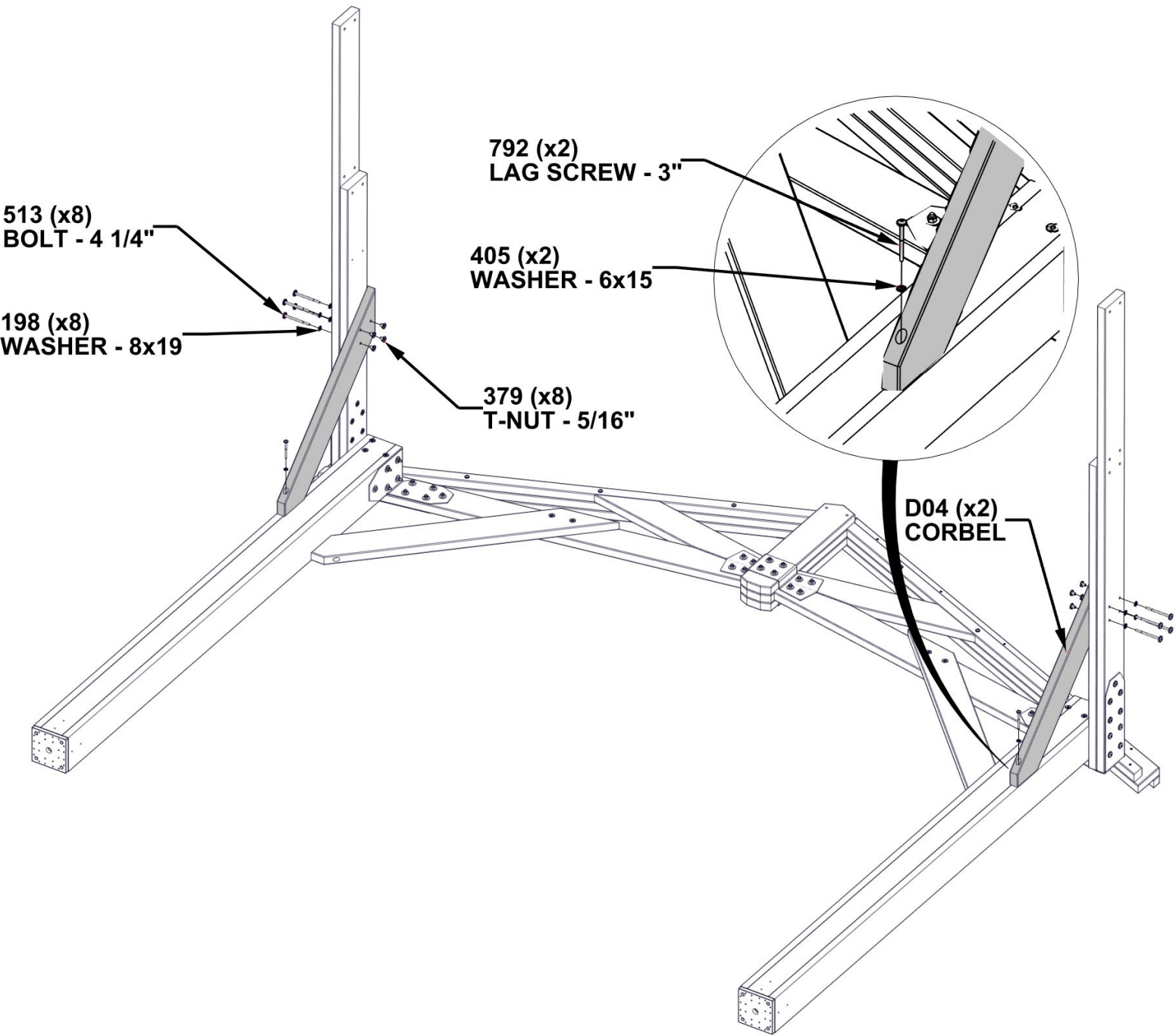


STEP 11 - GAZEBO ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
8	H100198	WASHER LOCK EXT 8x19
8	H100379	T-NUT 5/16 BLK
2	H100405	WASHER LOCK EXT 6x15
8	H100513	BOLT WH 5/16x4 1/4 BLK
2	H100792	LAG SCREW WH 1/4x3 BLK



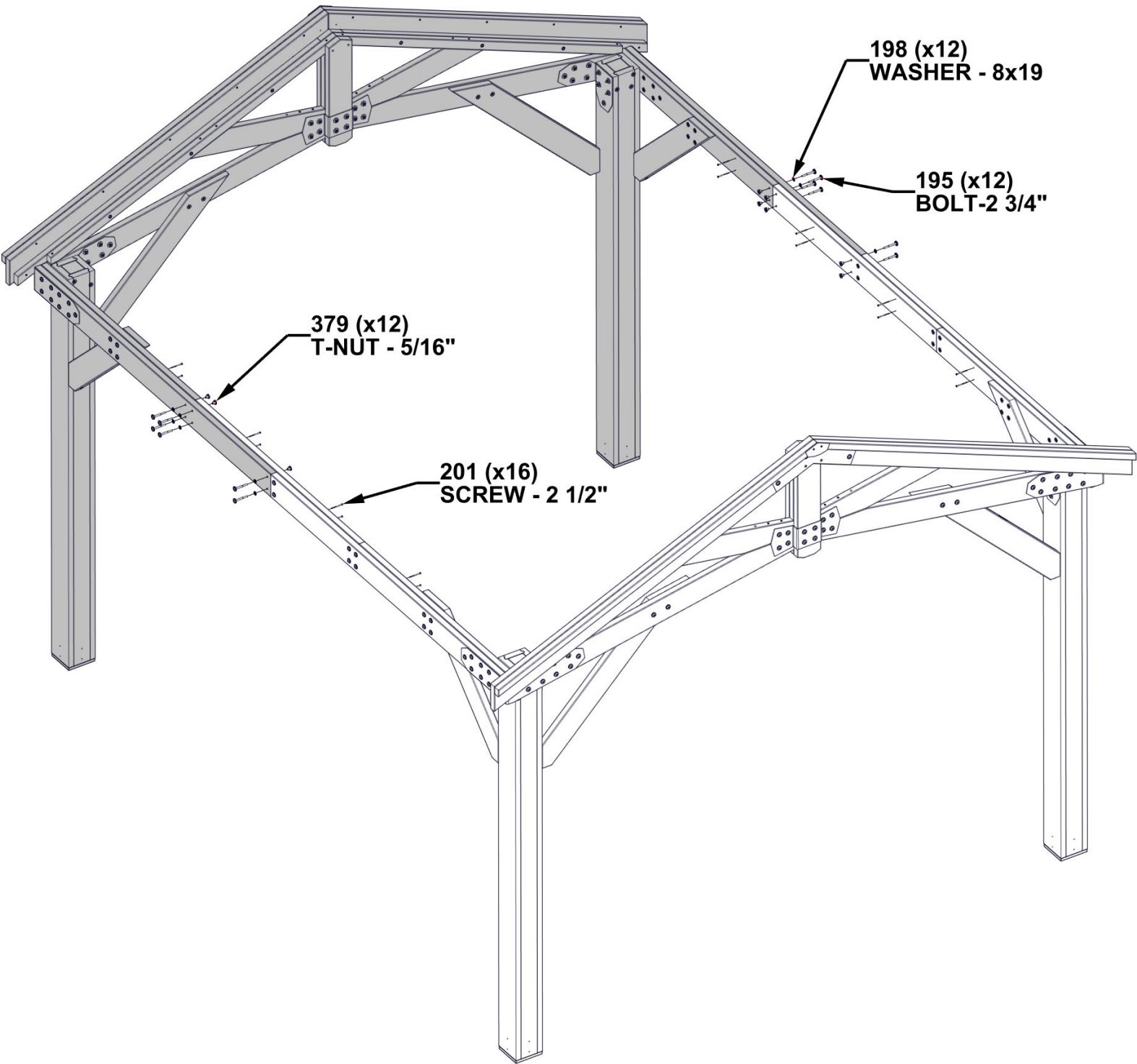
D04 CORBEL - W4L14997
(x2) 1 3/8"x5 1/4"x35 7/8" (36x134x910)



STEP 12 - GAZEBO ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
12	H100195	BOLT WH 5/16x2 3/4 BLK
12	H100198	WASHER LOCK EXT 8x19
16	H100201	SCREW PFH 8x2 1/2 BLK
12	H100379	T-NUT 5/16 BLK

FOR THIS STEP IT IS HELPFUL TO HAVE THREE ADDITIONAL PEOPLE TO HELP STAND UP ASSEMBLY AND ATTACH HARDWARE.



STEP 13 - GAZEBO ASSEMBLY

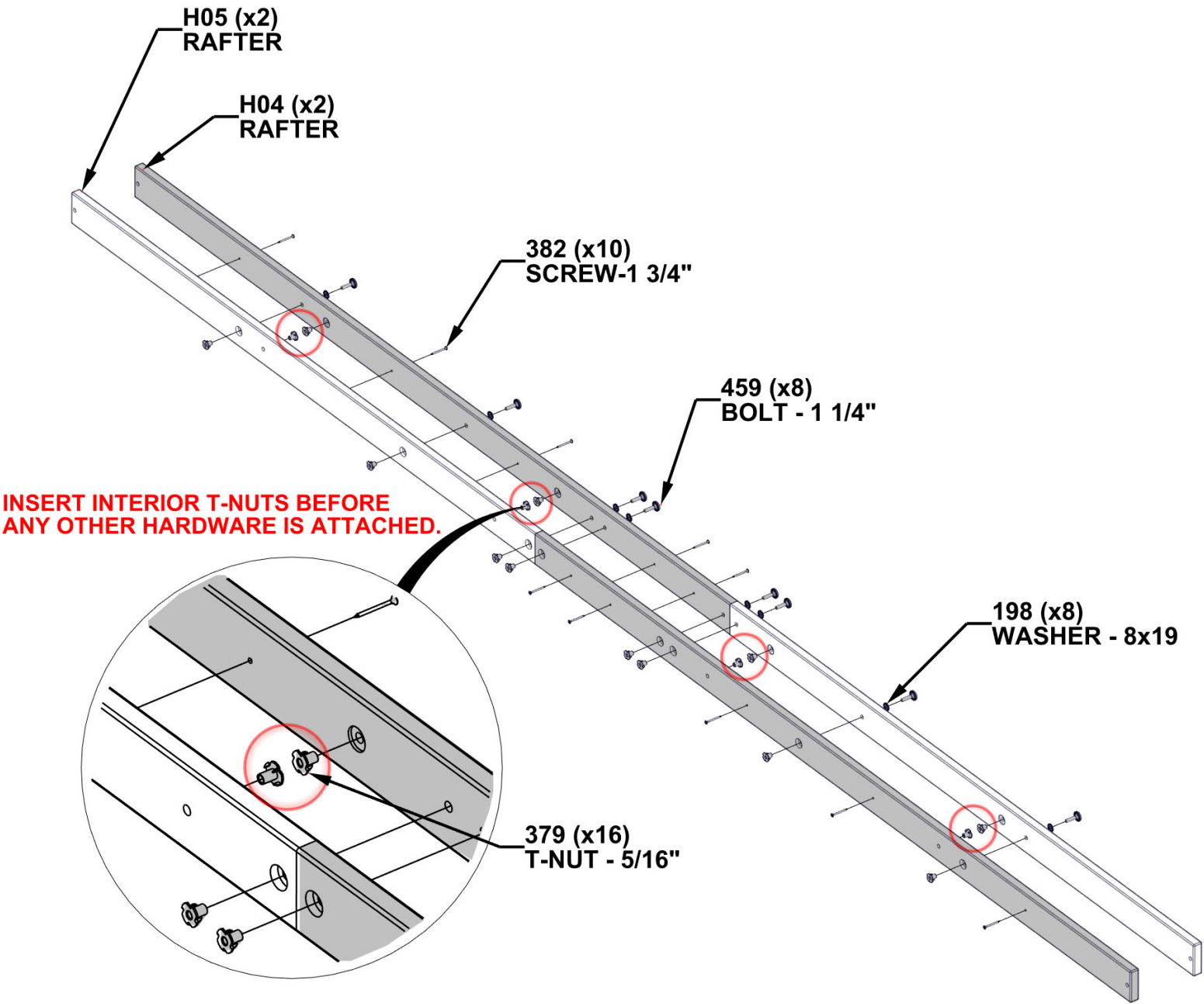
QTY	PART NUMBER	DESCRIPTION
8	H100198	WASHER LOCK EXT 8x19
16	H100379	T-NUT 5/16 BLK
10	H100382	SCREW PFH 8x1 3/4 BLK
8	H100459	BOLT WH 5/16x1 1/4 BLK



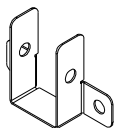
H04 | RAFTER - W4L14999
(x2) | 1"x3 3/8"x89 1/4" (24x86x2267)



H05 | RAFTER - W4L15000
(x2) | 1"x3 3/8"x69 1/2" (24x86x1766)



STEP 14 - GAZEBO ASSEMBLY

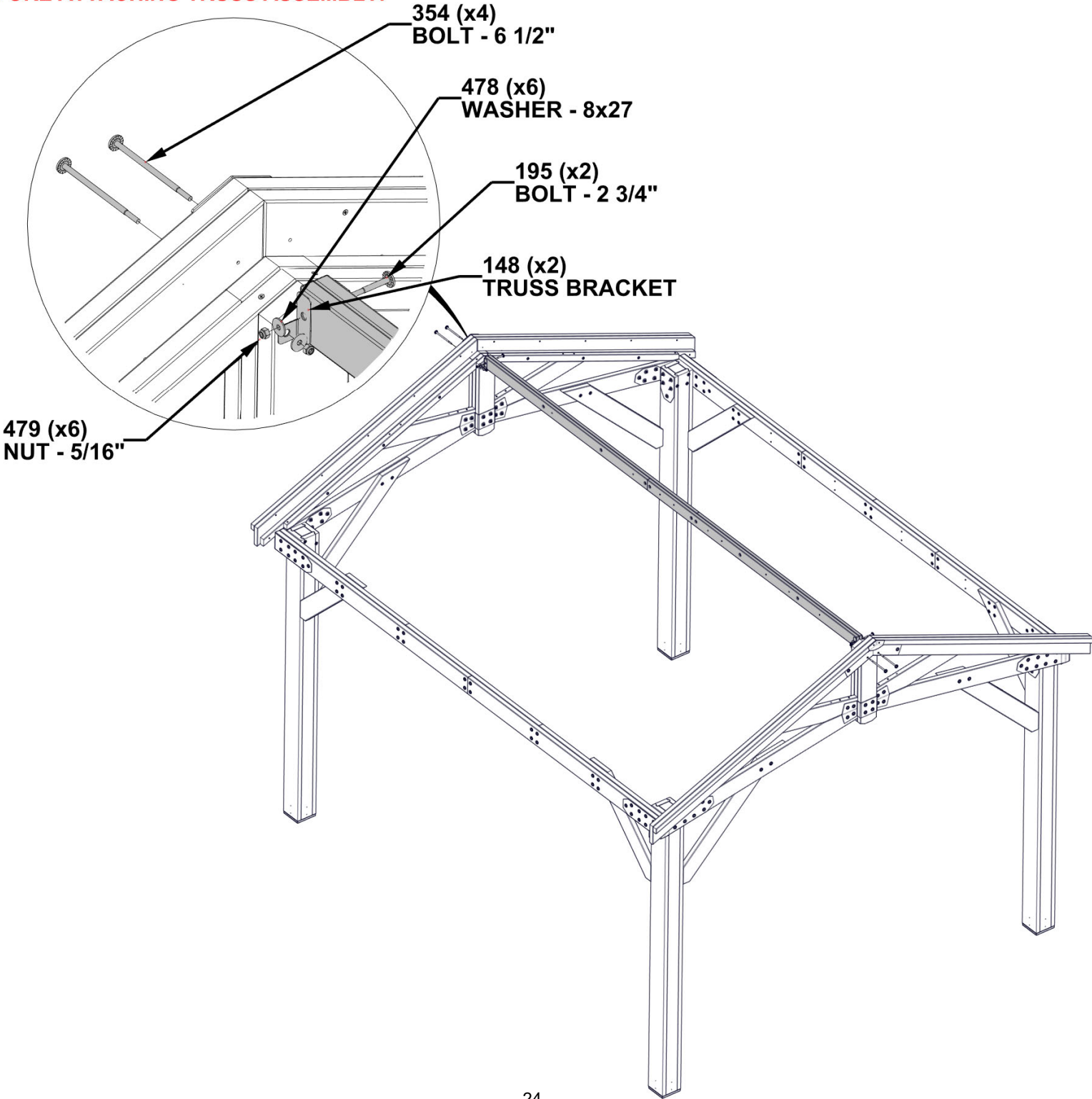


A4M01148 TRUSS BRACKET
(x2)

QTY	PART NUMBER	DESCRIPTION
2	H100195	BOLT WH 5/16x2 3/4 BLK
4	H100354	BOLT WH 5/16x6 1/2 BLK
6	H100478	WASHER FLAT 8x27 BLK
6	H100479	NUT LOCK 5/16 BLK

RAFTER ASSEMBLY FROM PREVIOUS STEP

ATTACH BOTH TRUSS BRACKETS
BEFORE ATTACHING TRUSS ASSEMBLY.



STEP 15 - GAZEBO ASSEMBLY

E01 | RAFTER - W4L14988
(x4) | 1 3/8"x3 3/8"x76 3/8" (36x86x1941)

E05 | RAFTER - W4L15004
(x2) | 1 3/8"x3 3/8"x76 3/8" (36x86x1941)

H02 | FASCIA - W4L14987
(x1) | 1"x3 3/8"x80 3/8" (24x86x2040)

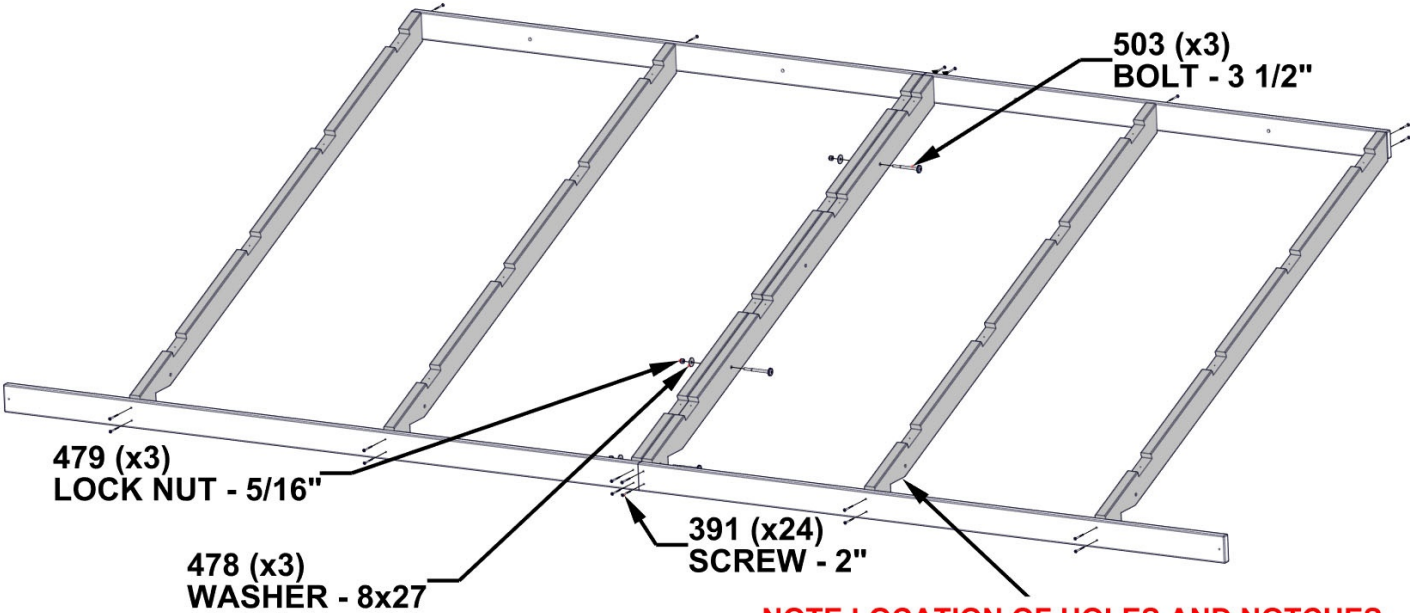
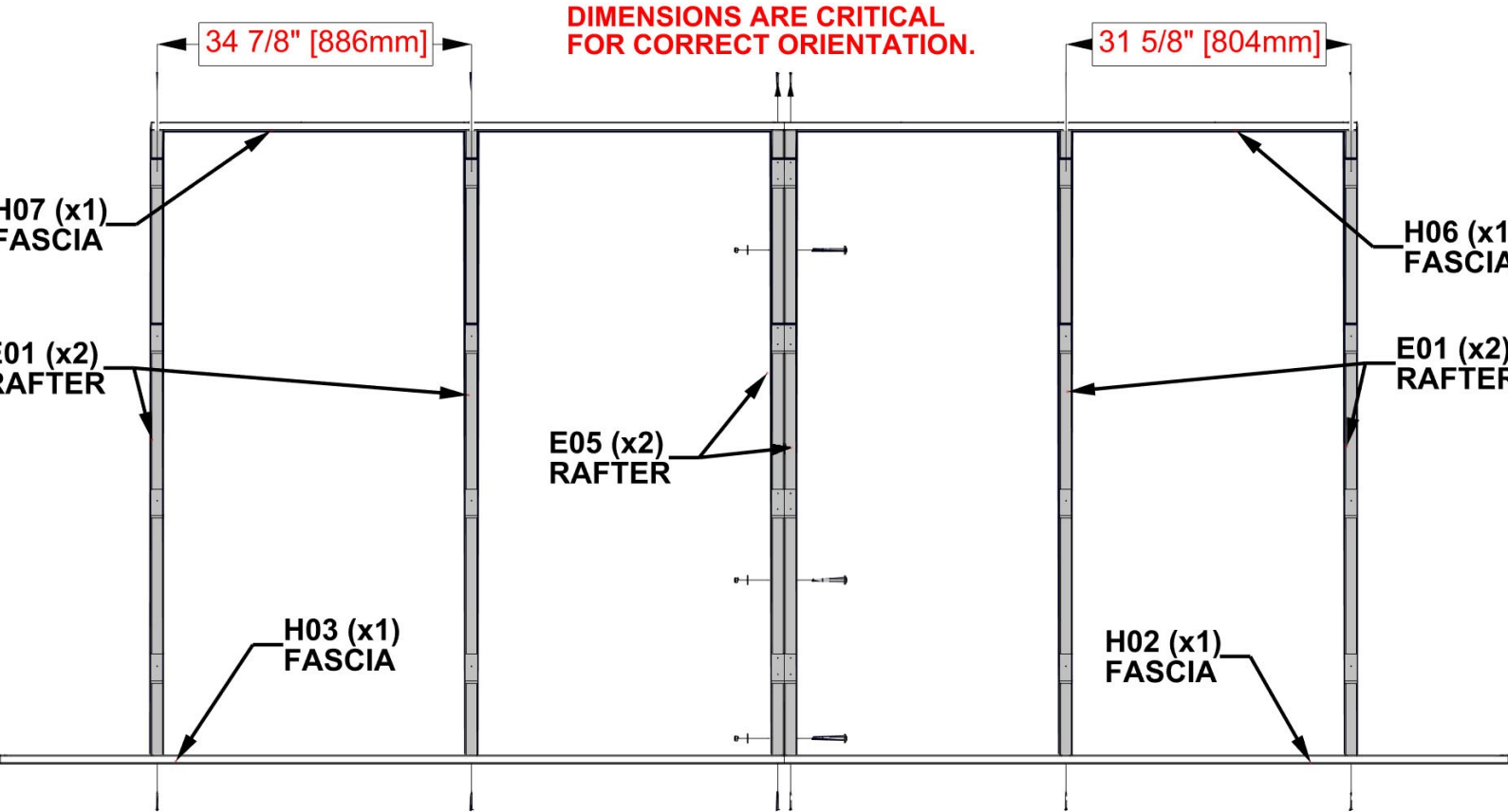
H03 | FASCIA - W4L14993
(x1) | 1"x3 3/8"x87" (24x86x2209)

QTY	PART NUMBER	DESCRIPTION
24	H100391	SCREW PFH 8x2 BLK
3	H100478	WASHER FLAT 8x27 BLK
3	H100479	NUT LOCK 5/16 BLK
3	H100503	BOLT WH 5/16x3 1/2 BLK

H06 | FASCIA - W4L15005
(x1) | 1"x3 3/8"x63 1/2" (24x86x1614)

H07 | FASCIA - W4L15006
(x1) | 1"x3 3/8"x70 1/8" (24x86x1783)

DO NOT REPEAT THIS STEP FOR SECOND 14FT PANEL. IT IS ASSEMBLED DIFFERENTLY STARTING IN STEP 24.



NOTE LOCATION OF HOLES AND NOTCHES.

STEP 16 - GAZEBO ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
32	H100391	SCREW PFH 8x2 BLK



E03 | SHEATHING BOARD - W4L14989
(x4) | 1 3/8"x3 3/8"x80 3/8" (36x86x2040)

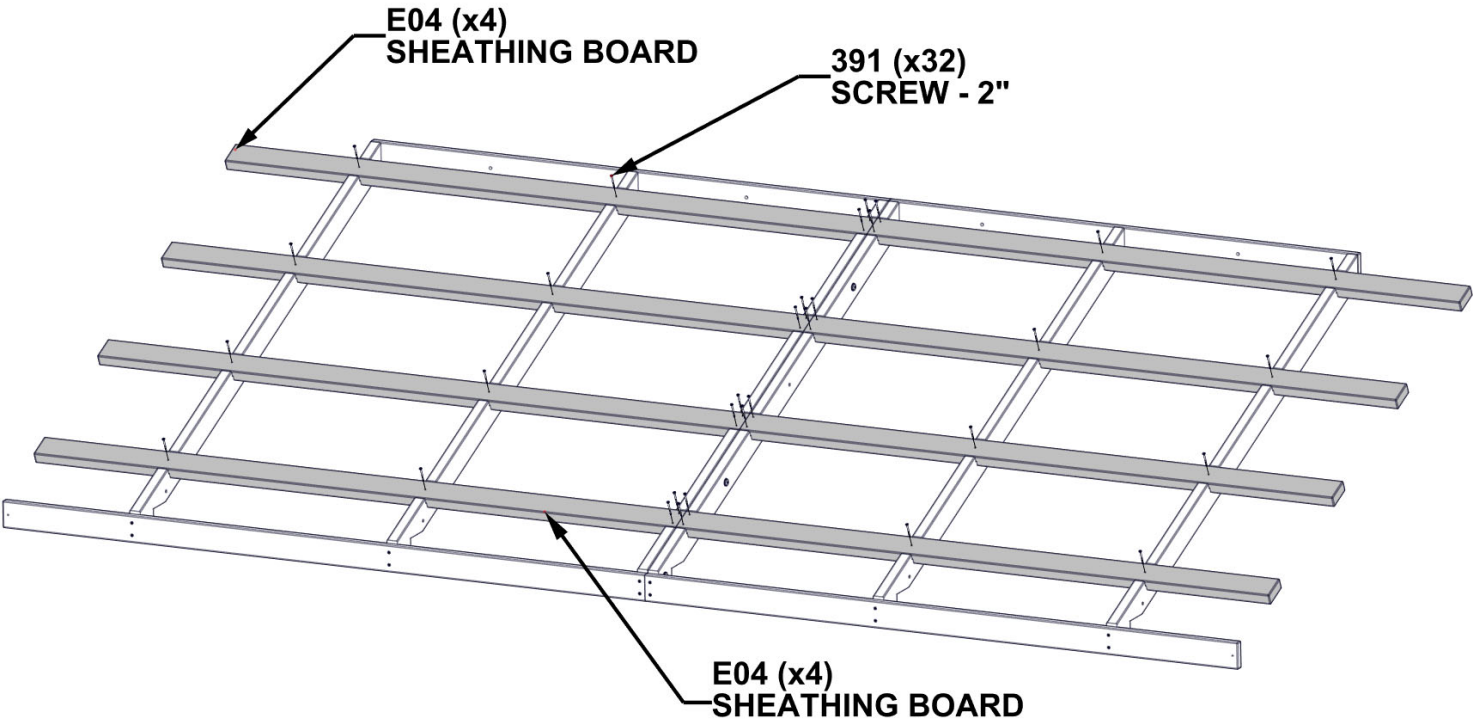
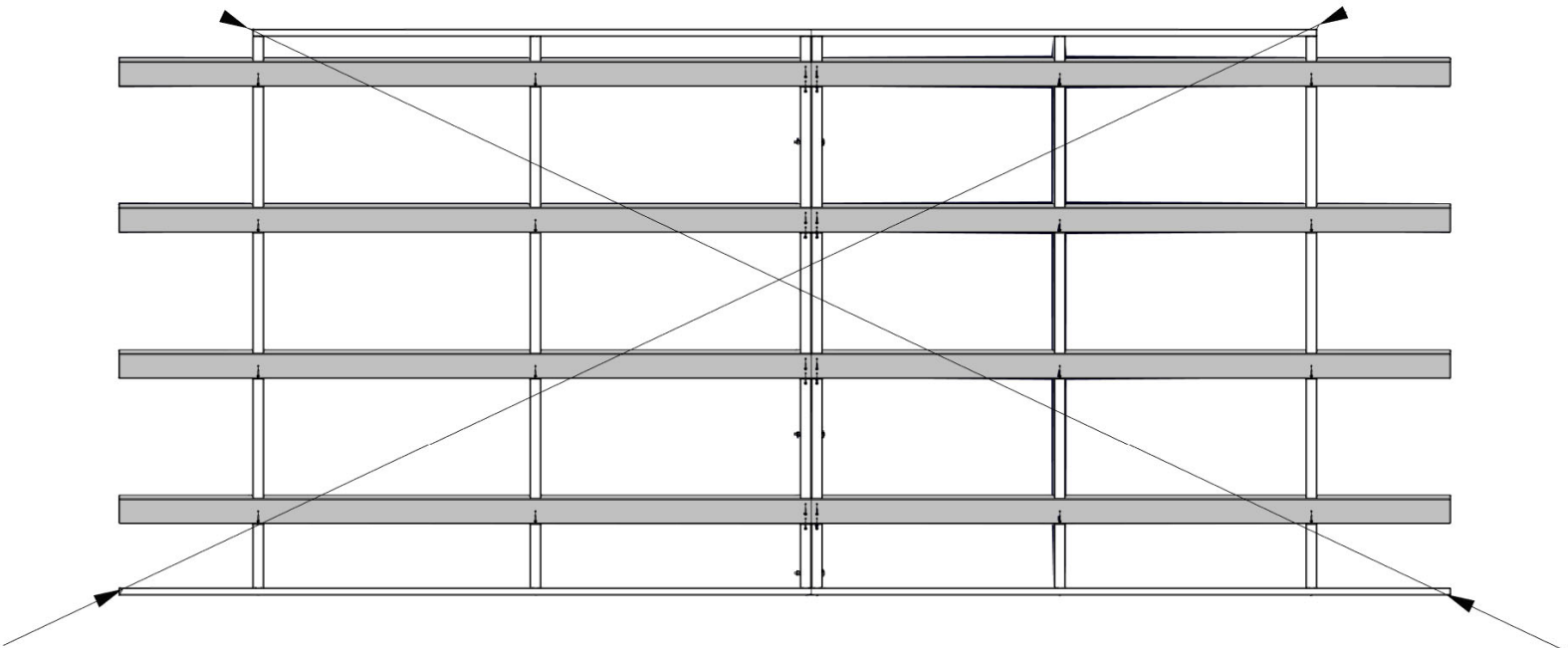


E04 | SHEATHING BOARD - W4L14990
(x4) | 1 3/8"x3 3/8"x87" (36x86x2209)

MEASURE ON THE DIAGONAL AS SHOWN TO ENSURE THAT ASSEMBLY IS SQUARE.

14'-1" [4.3m]

14'-1" [4.3m]

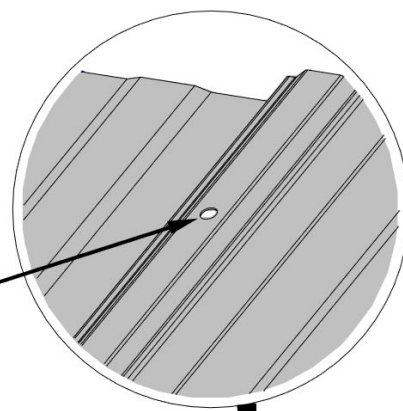


STEP 17 - GAZEBO ASSEMBLY

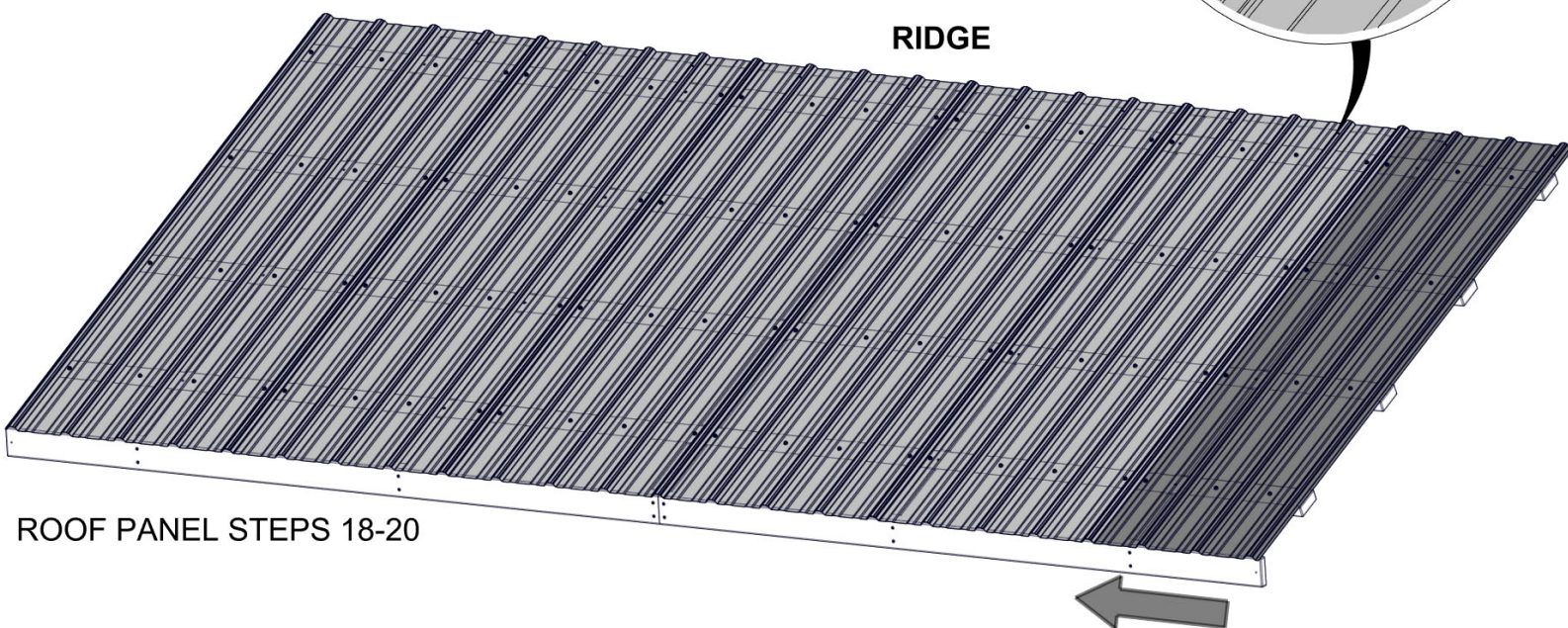
USE THIS PAGE TO FAMILIARIZE YOURSELF WITH THE ROOF PANEL AND ASSIST YOU IN STEPS 18-20.

TO ASSEMBLE THE ROOF PANEL, REMOVE PLASTIC FILM FROM EACH PANEL AS IT IS NEEDED. START AT THE END INDICATED, AND ASSEMBLE IN THE DIRECTION OF THE ARROW.

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



RIDGE



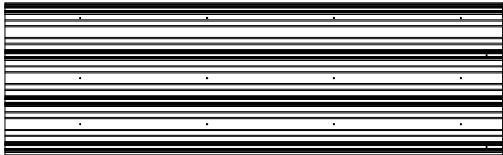
GLOVES SHOULD BE WORN WHEN HANDLING ROOF PANELS: EDGES ARE SHARP.

STEP 18 - GAZEBO ASSEMBLY

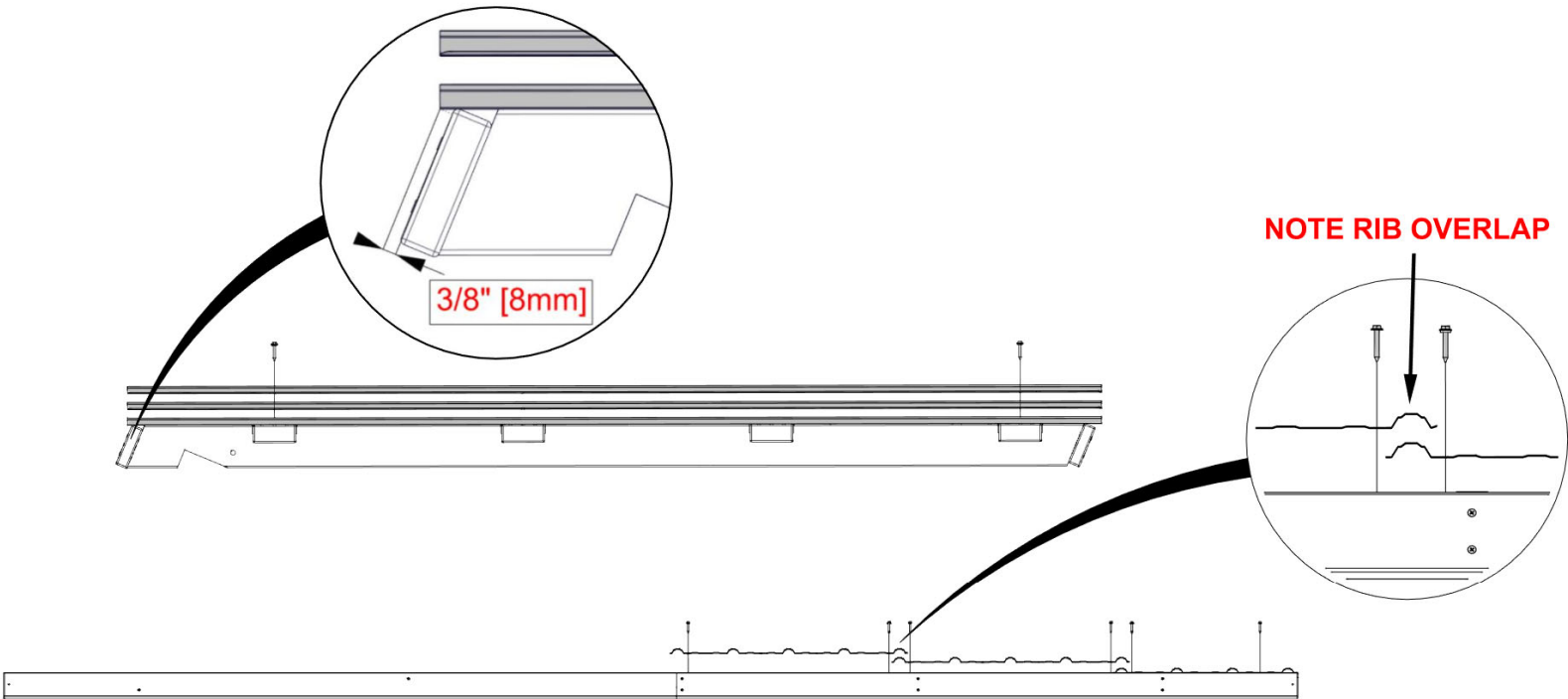
QTY	PART NUMBER	DESCRIPTION
12	H100760	SCREW WOODGRIP 10-16x1-1/4"



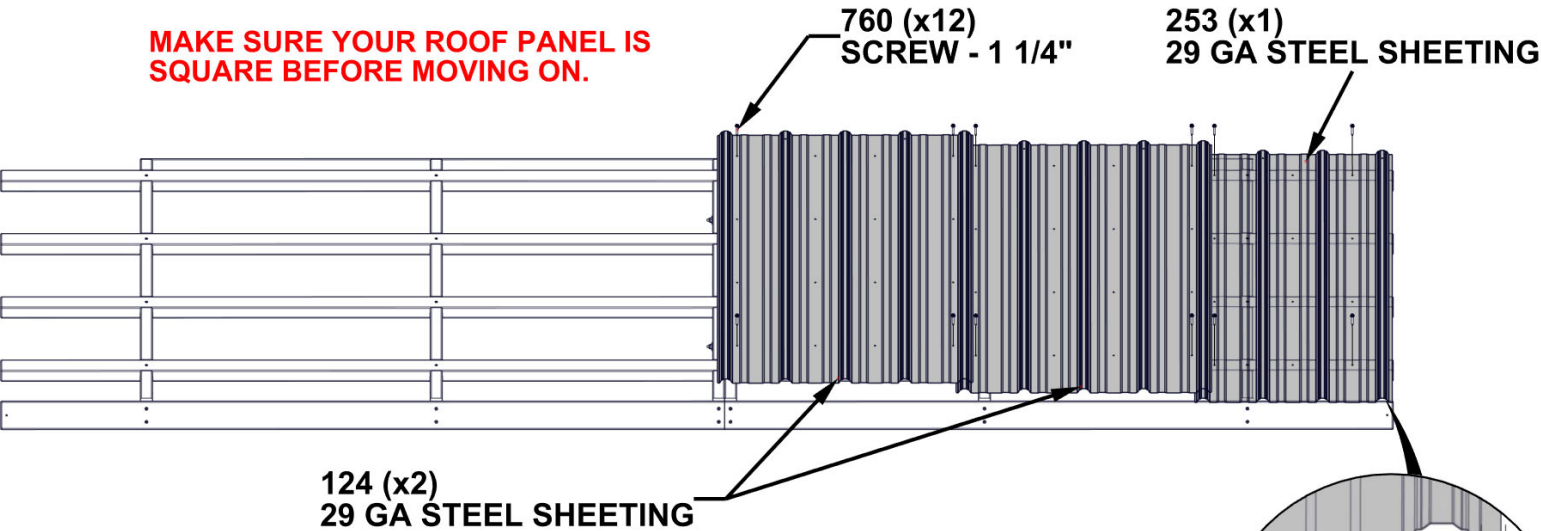
A4M01124 (x2) 29 GA STEEL SHEETING



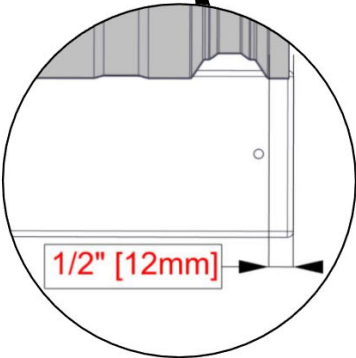
A4M01253 (x1) 29 GA STEEL SHEETING



MAKE SURE YOUR ROOF PANEL IS SQUARE BEFORE MOVING ON.

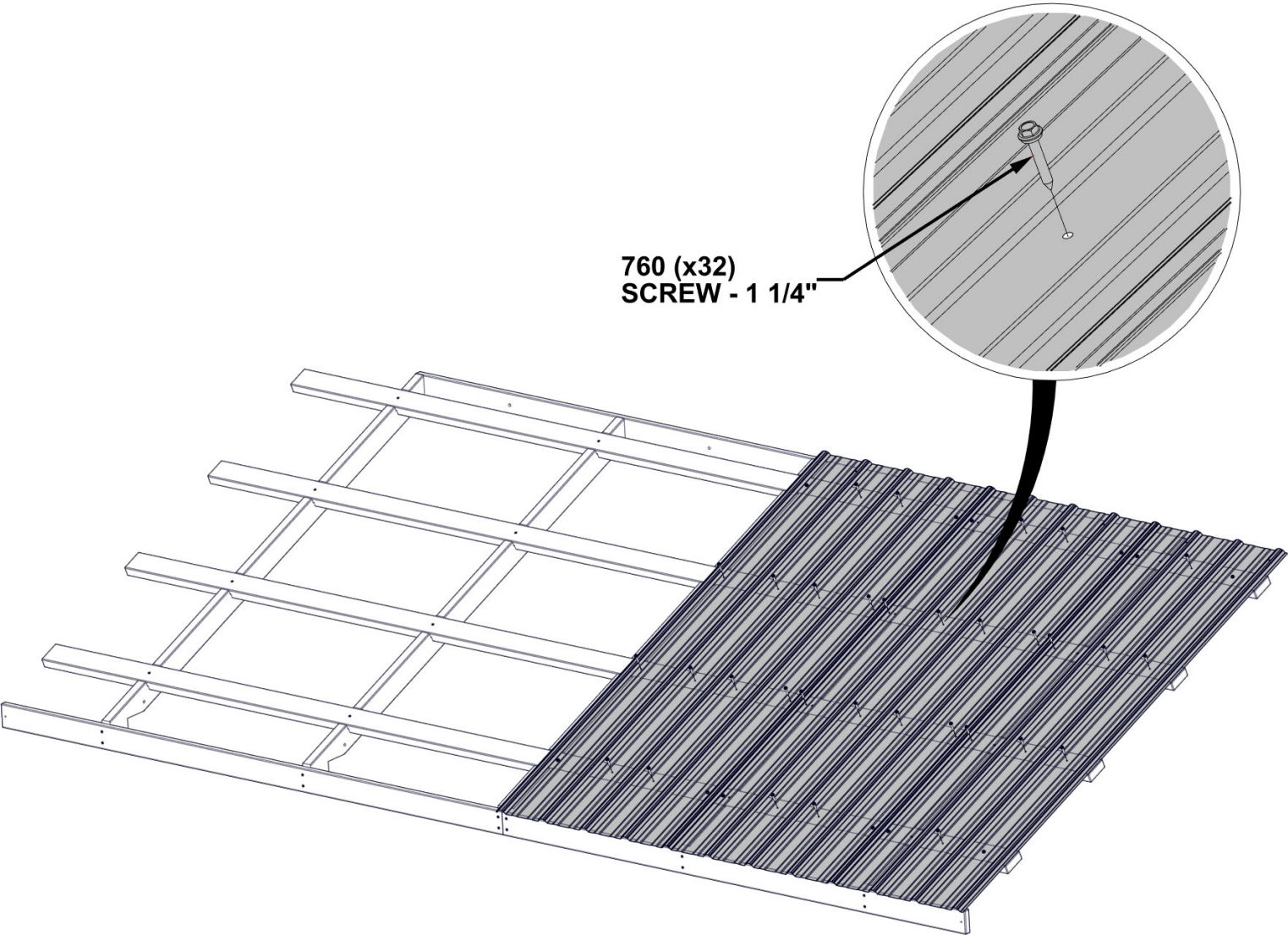


HOLD SHEETING INSIDE OF FRAME MEASURING FROM RIB AS SHOWN.



STEP 19 - GAZEBO ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
32	H100760	SCREW WOODGRIP 10-16x1-1/4"

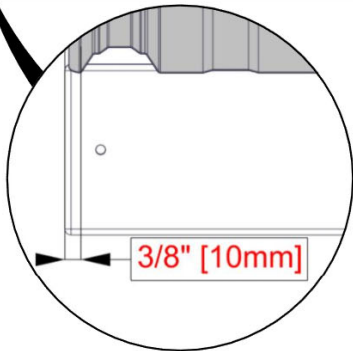
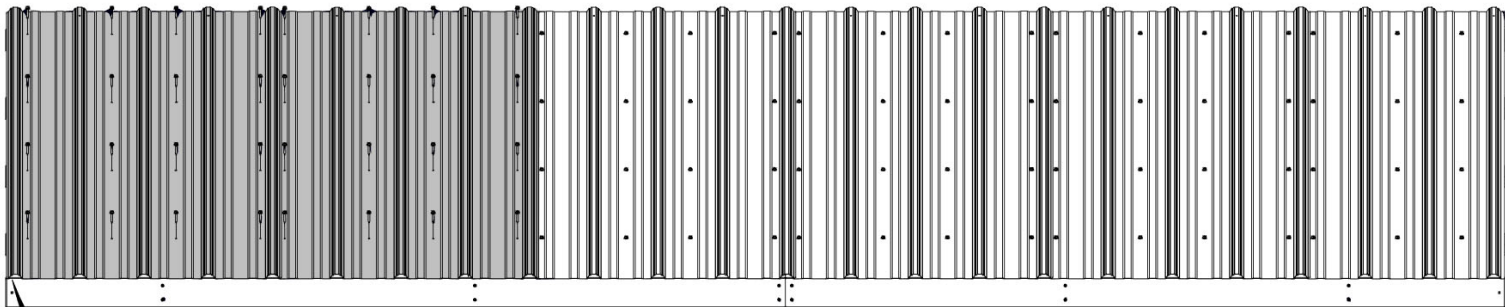


STEP 20 - GAZEBO ASSEMBLY

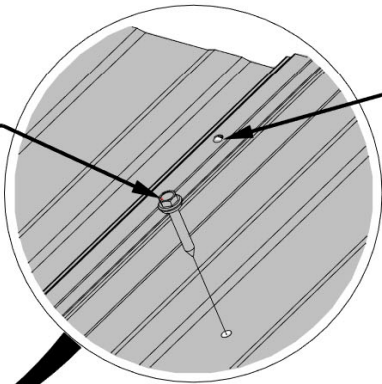
QTY	PART NUMBER	DESCRIPTION
48	H100760	SCREW WOODGRIP 10-16x1-1/4"



A4M01124 (x3) | 29 GA STEEL SHEETING

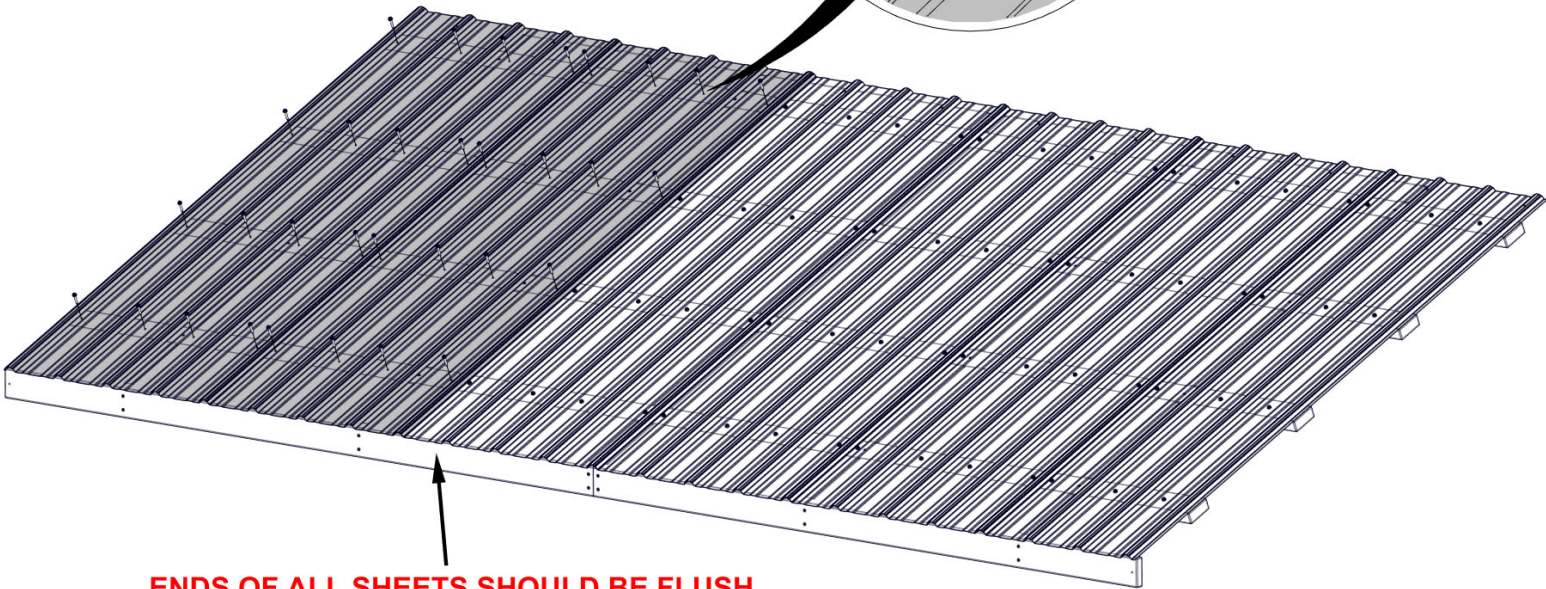


HOLD SHEETING INSIDE OF FRAME
MEASURING FROM RIB AS SHOWN.



760 (x48)
SCREW - 1 1/4"

NOTE THROUGH HOLES

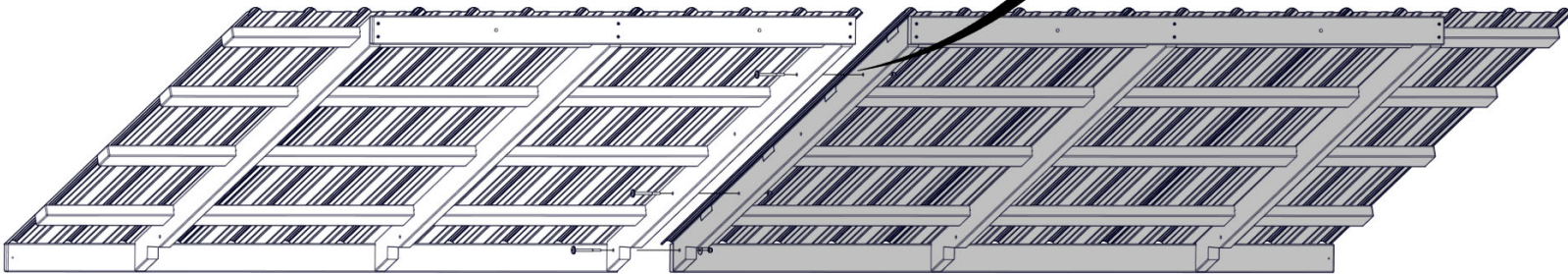
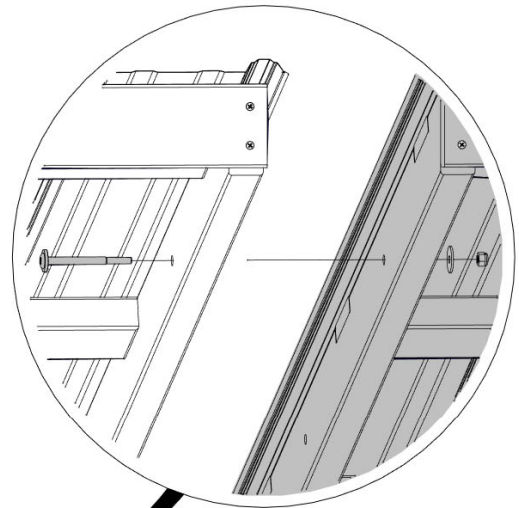


ENDS OF ALL SHEETS SHOULD BE FLUSH.

STEP 21 - GAZEBO ASSEMBLY

SEPARATE ROOF PANEL AT THIS TIME FOR EASE OF ASSEMBLING.

REMOVE HARDWARE AND SET TO THE SIDE AS IT WILL BE USED AGAIN AFTER BOTH ROOF PANELS ARE INSTALLED.

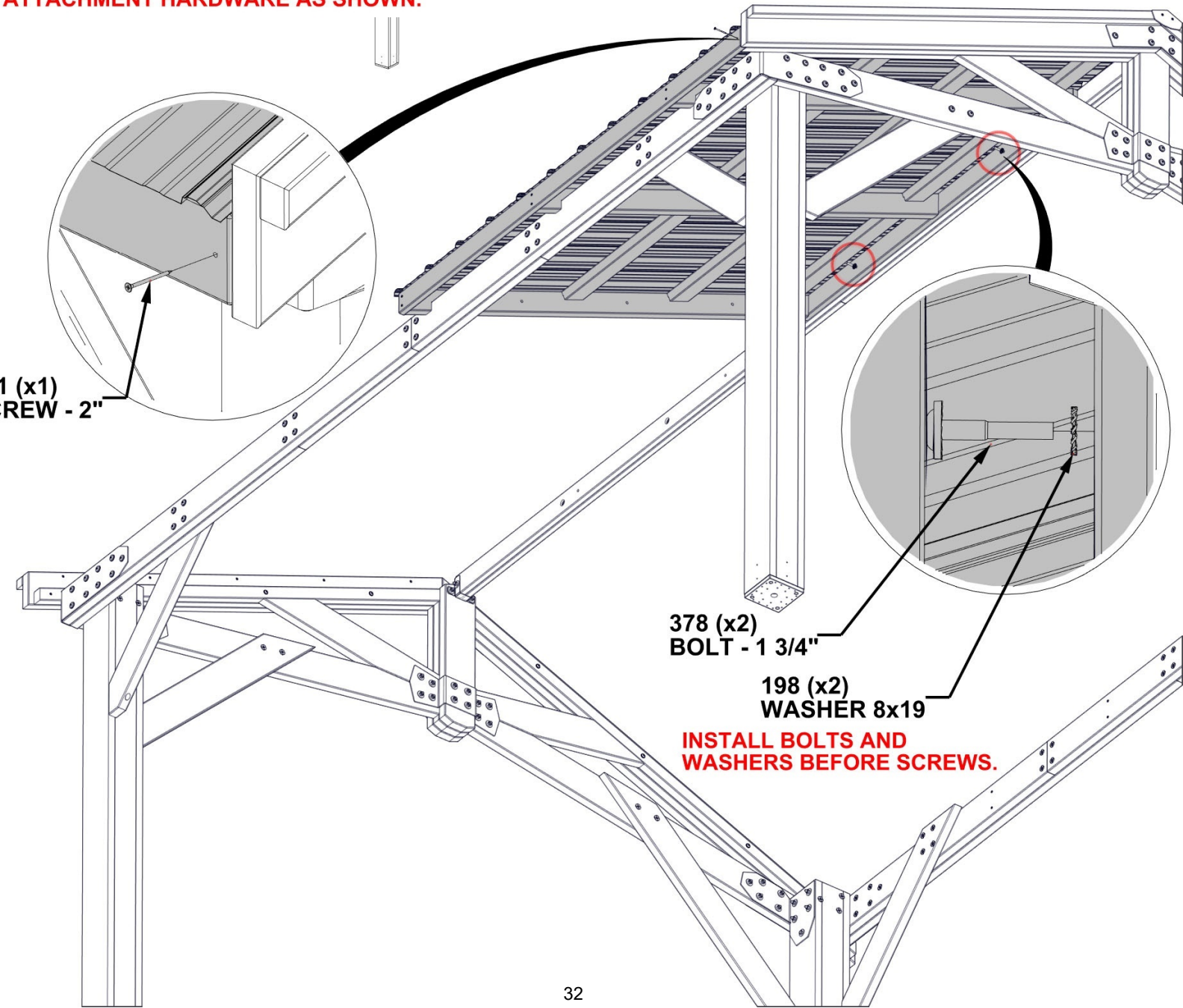


STEP 22 - GAZEBO ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
2	H100198	WASHER LOCK EXT 8x19
2	H100378	BOLT WH 5/16x1 3/4 BLK
1	H100391	SCREW PFH 8x2 BLK



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



391 (x1)
SCREW - 2"

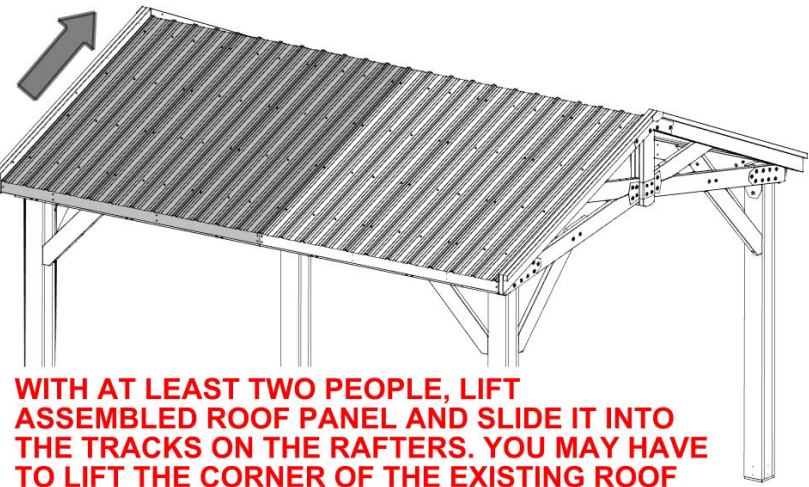
378 (x2)
BOLT - 1 3/4"

198 (x2)
WASHER 8x19

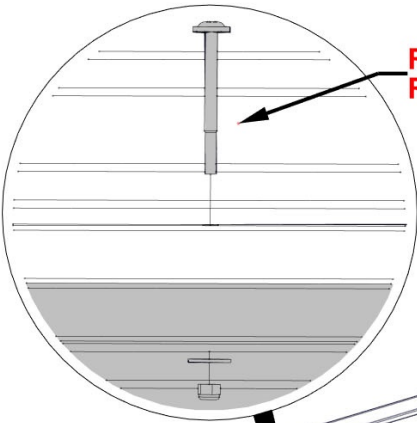
INSTALL BOLTS AND
WASHERS BEFORE SCREWS.

STEP 23 - GAZEBO ASSEMBLY

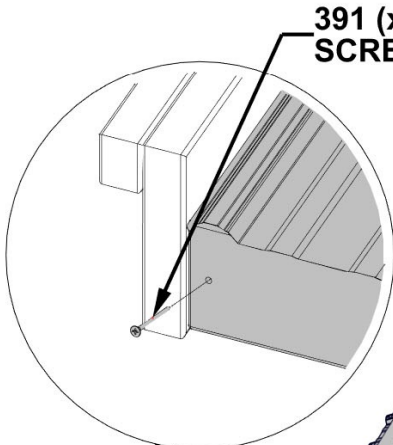
QTY	PART NUMBER	DESCRIPTION
2	H100198	WASHER LOCK EXT 8x19
2	H100378	BOLT WH 5/16x1 3/4 BLK
1	H100391	SCREW PFH 8x2 BLK



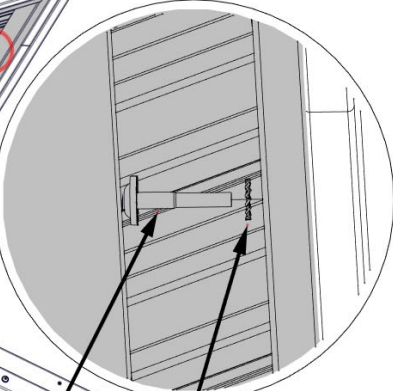
WITH AT LEAST TWO PEOPLE, LIFT ASSEMBLED ROOF PANEL AND SLIDE IT INTO THE TRACKS ON THE RAFTERS. YOU MAY HAVE TO LIFT THE CORNER OF THE EXISTING ROOF PANEL TO GET IT STARTED. ONCE IN PLACE, INSTALL ATTACHMENT HARDWARE AS SHOWN.



REATTACH PREVIOUSLY REMOVED HARDWARE



391 (x1)
SCREW - 2"

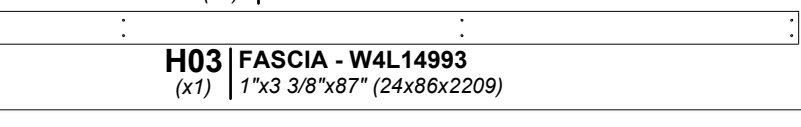
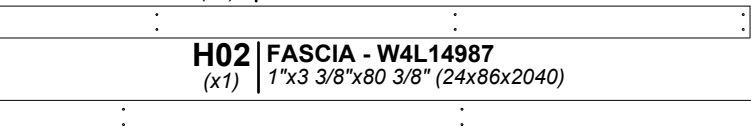
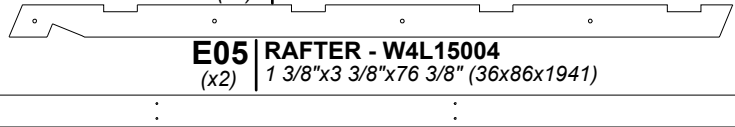
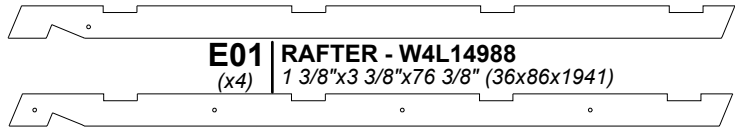


378 (x2)
BOLT - 1 3/4"

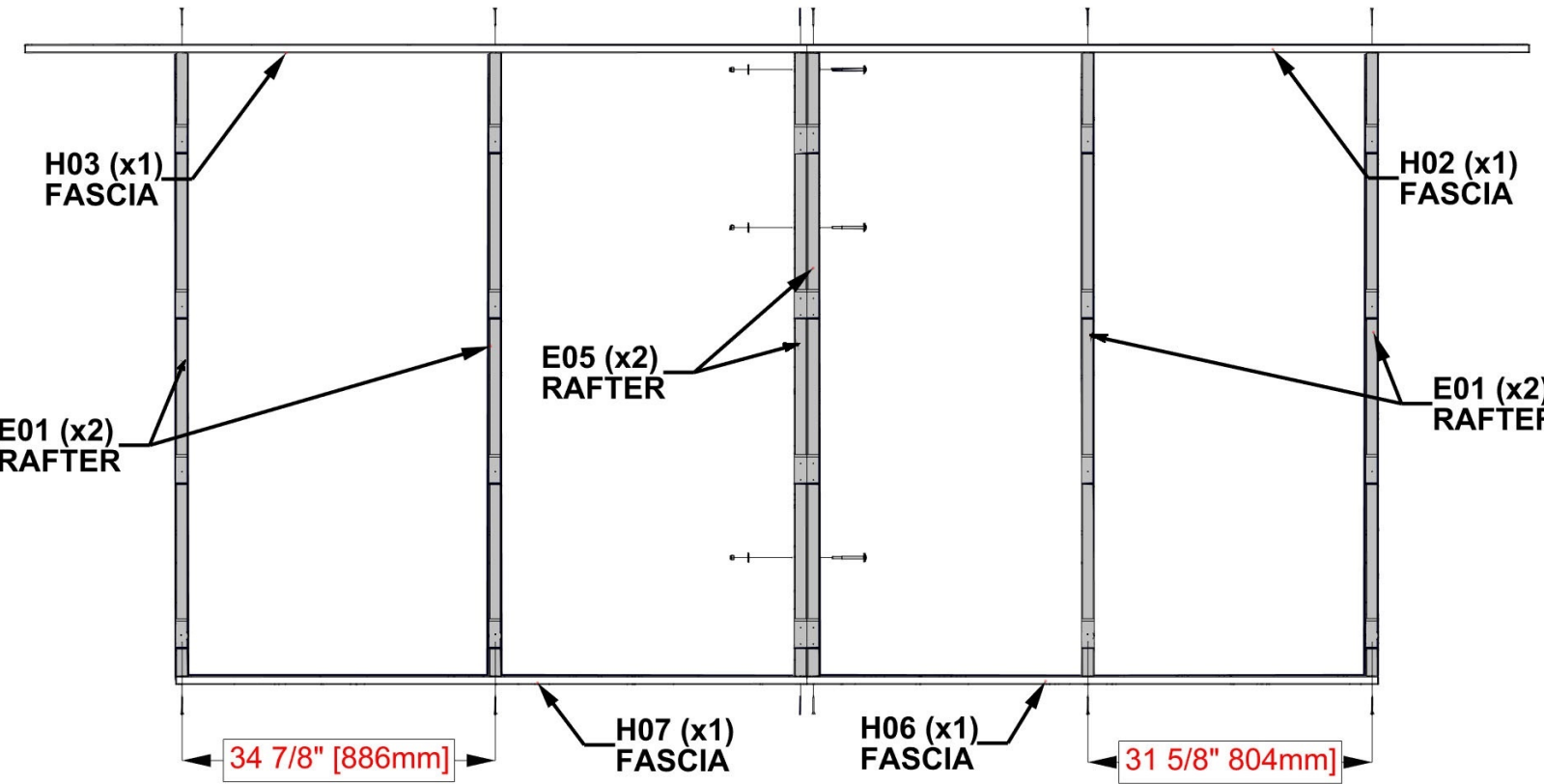
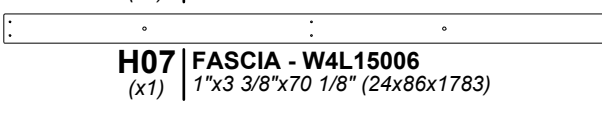
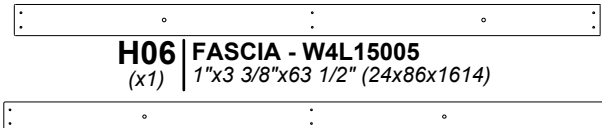
198 (x2)
WASHER - 8x19

INSTALL BOLTS AND WASHERS BEFORE SCREWS.

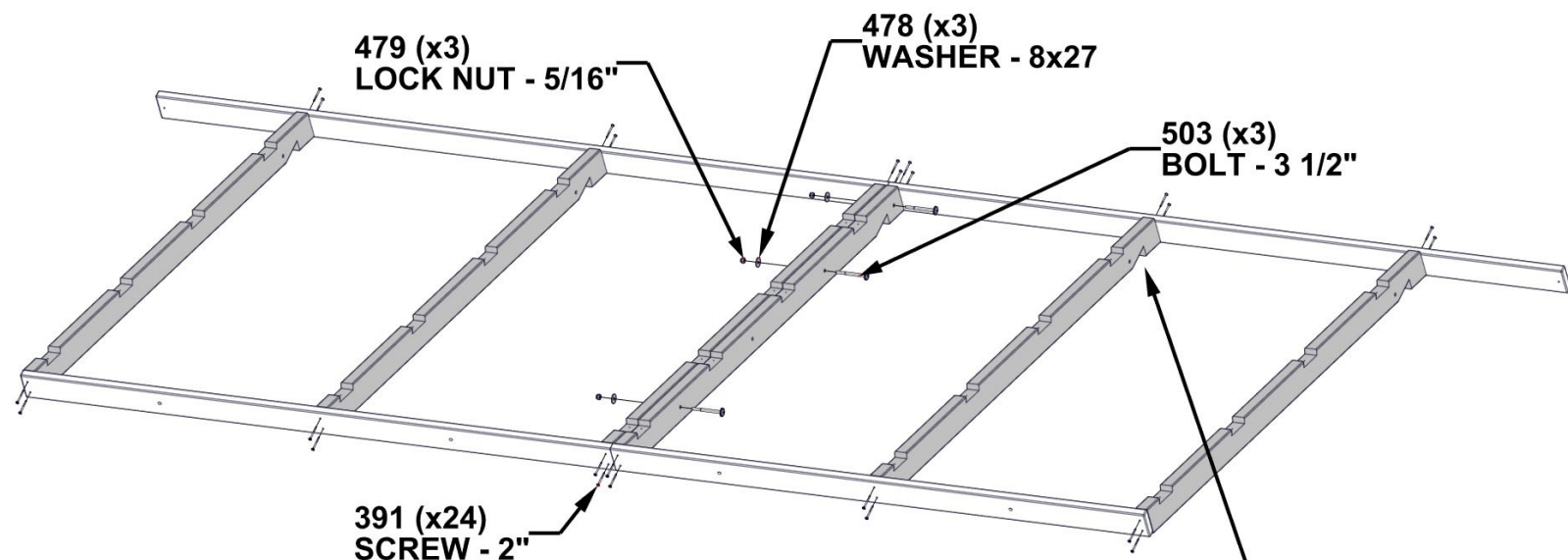
STEP 24 - GAZEBO ASSEMBLY



QTY	PART NUMBER	DESCRIPTION
24	H100391	SCREW PFH 8x2 BLK
3	H100478	WASHER FLAT 8x27 BLK
3	H100479	NUT LOCK 5/16 BLK
3	H100503	BOLT WH 5/16x3 1/2 BLK



DIMENSIONS ARE CRITICAL TO CORRECT ORIENTATION.



NOTE LOCATION OF HOLES AND NOTCHES.

STEP 25 - GAZEBO ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
32	H100391	SCREW PFH 8x2 BLK

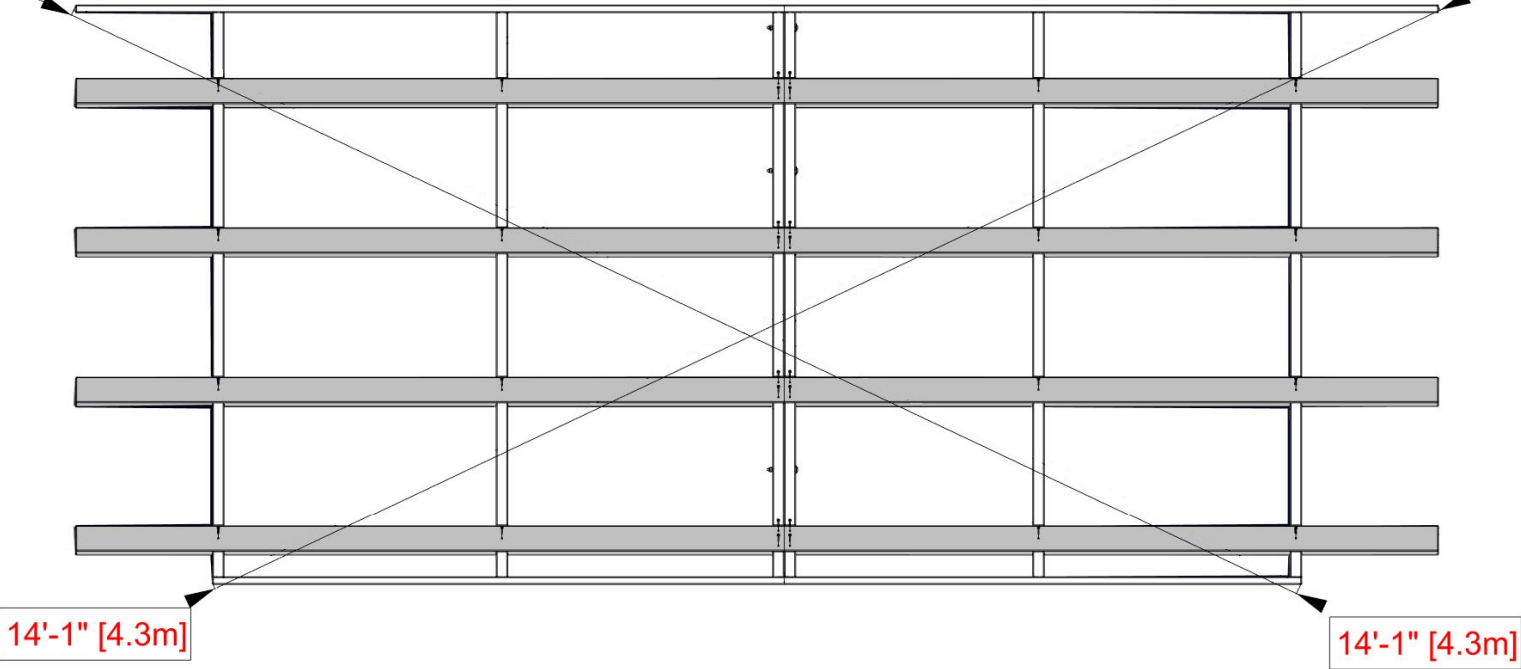


E03 | SHEATHING BOARD - W4L14989
(x4) 1 3/8"x3 3/8"x80 3/8" (36x86x2040)

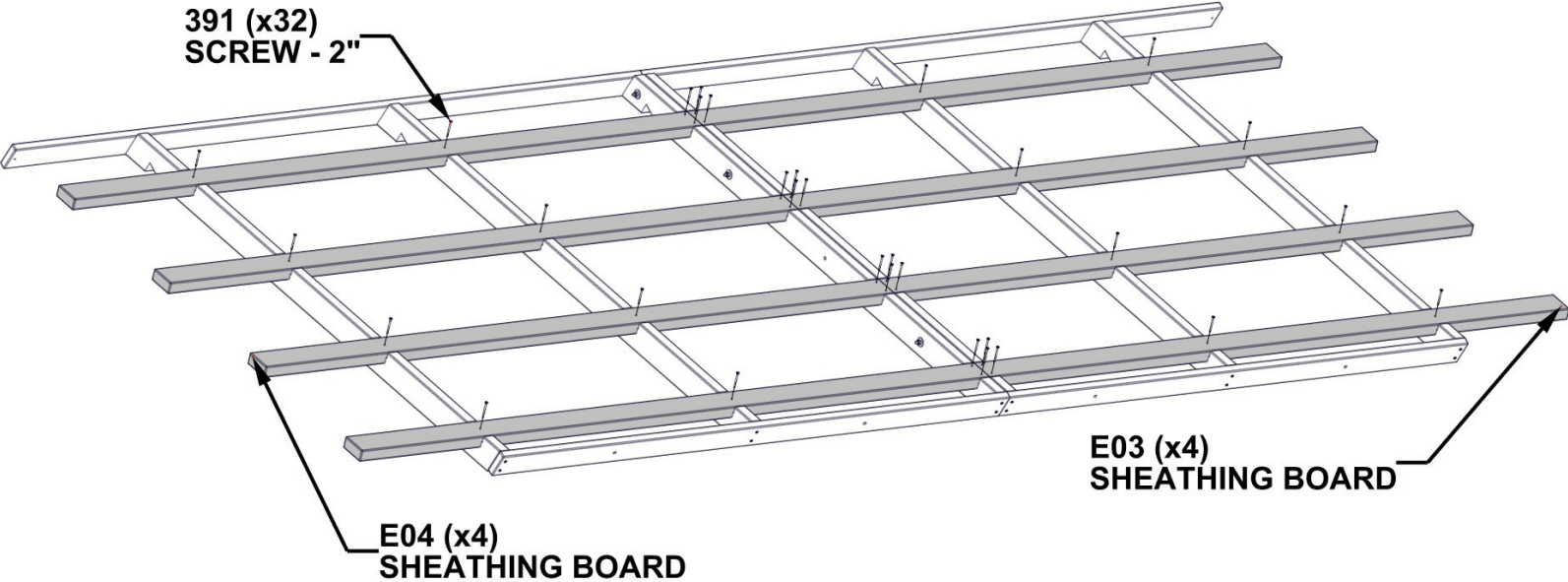


E04 | SHEATHING BOARD - W4L14990
(x4) 1 3/8"x3 3/8"x87" (36x86x2209)

MEASURE ON THE DIAGONAL AS SHOWN TO ENSURE THAT ASSEMBLY IS SQUARE.



**391 (x32)
SCREW - 2"**

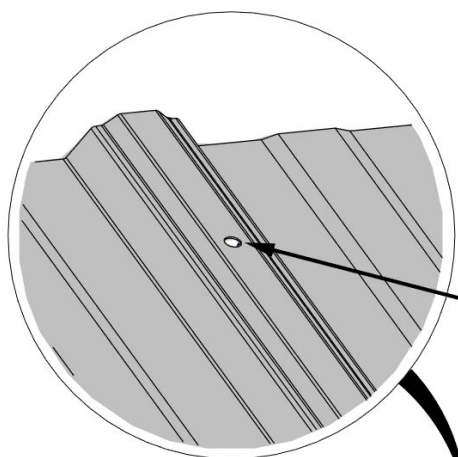


**E03 (x4)
SHEATHING BOARD**

**E04 (x4)
SHEATHING BOARD**

STEP 26 - GAZEBO ASSEMBLY

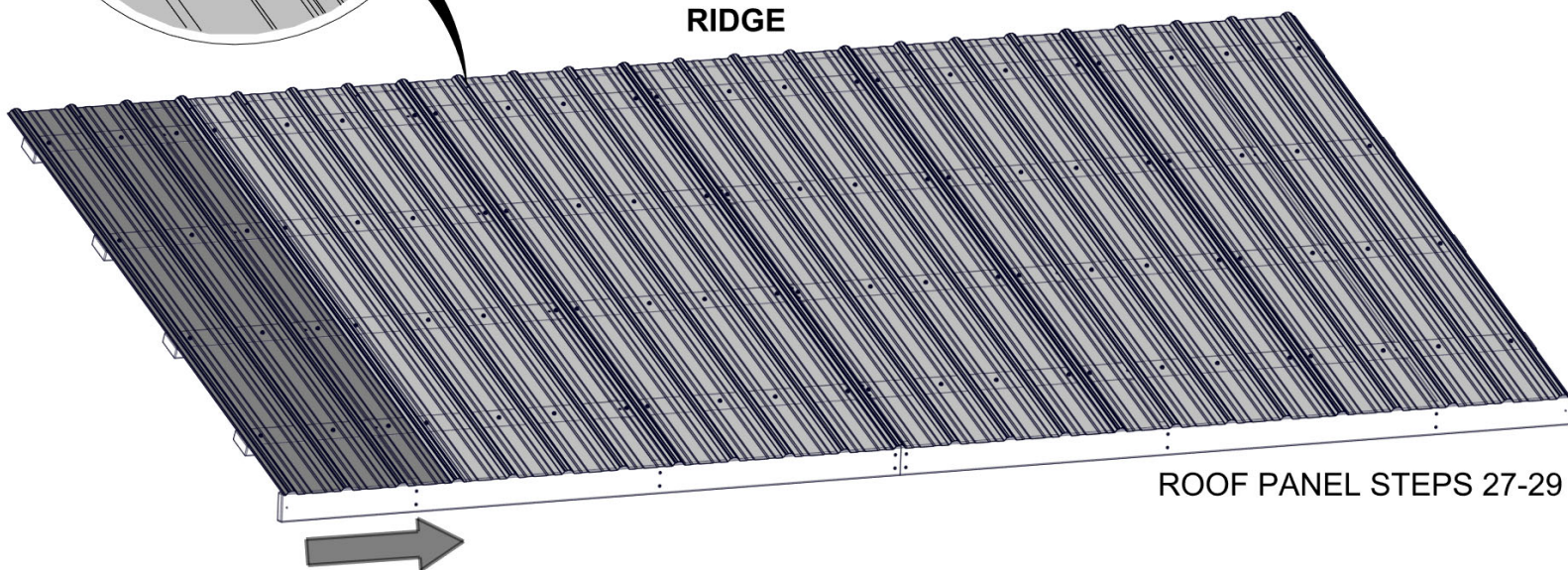
USE THIS PAGE TO FAMILIARIZE YOURSELF WITH THE ROOF PANEL AND ASSIST YOU IN STEPS 27-29.



TO ASSEMBLE THE ROOF PANEL, REMOVE PLASTIC FILM FROM EACH PANEL AS IT IS NEEDED. START AT THE END INDICATED, AND ASSEMBLE IN THE DIRECTION OF THE ARROW.

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

RIDGE



ROOF PANEL STEPS 27-29

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

STEP 27 - GAZEBO ASSEMBLY

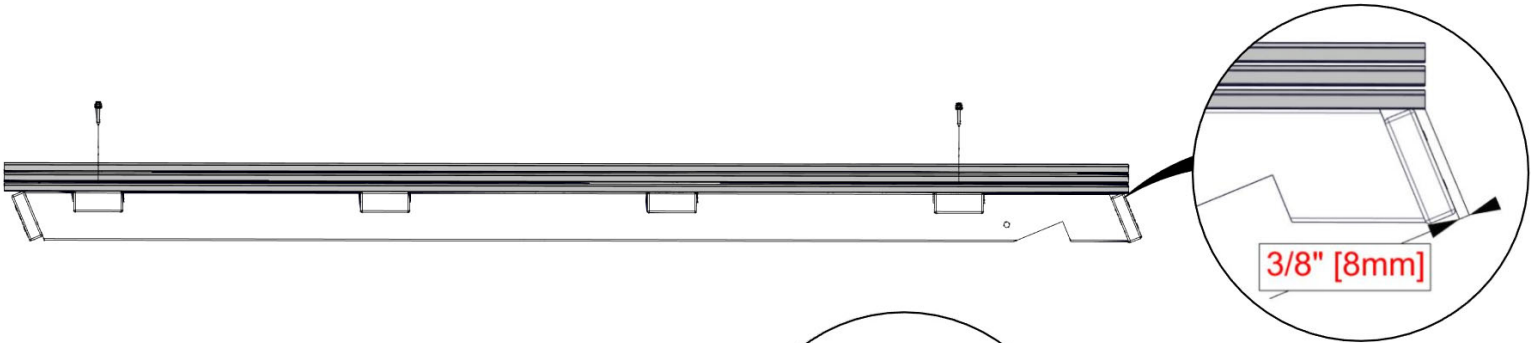
QTY	PART NUMBER	DESCRIPTION
12	H100760	SCREW WOODGRIP 10-16x1-1/4"



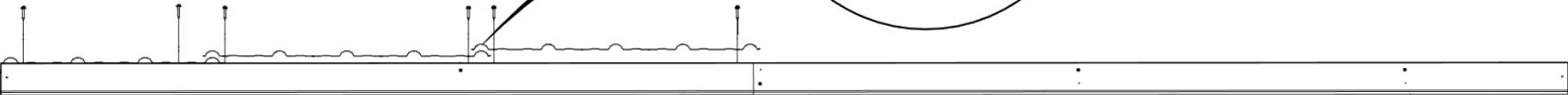
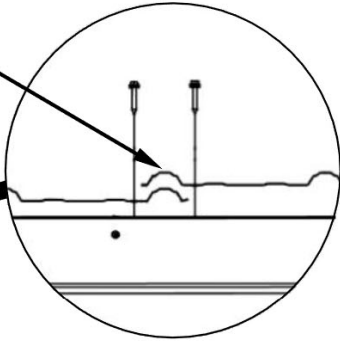
A4M01124
(x2) 29 GA STEEL SHEETING



A4M01253
(x1) 29 GA STEEL SHEETING



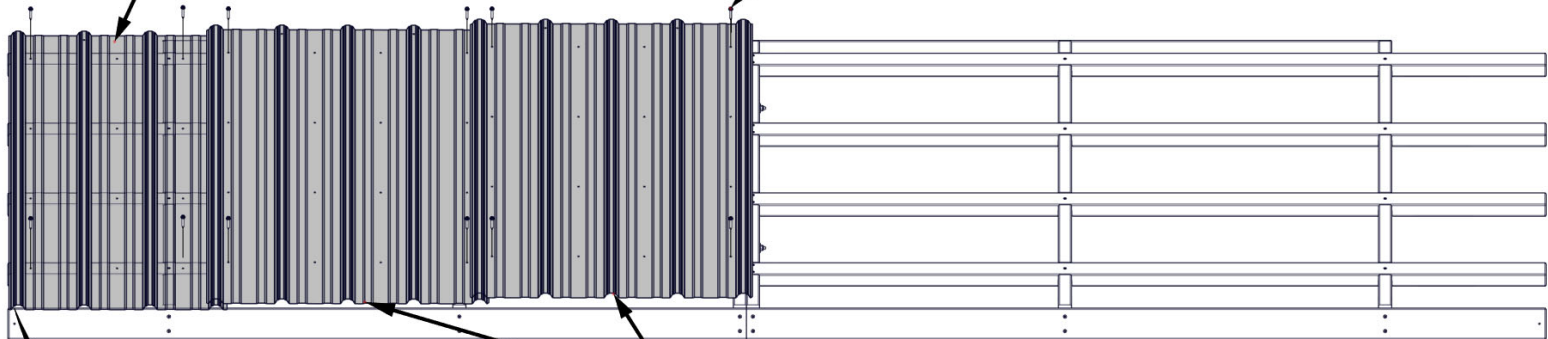
NOTE RIB OVERLAP



253 (x1)
29 GA STEEL SHEETING

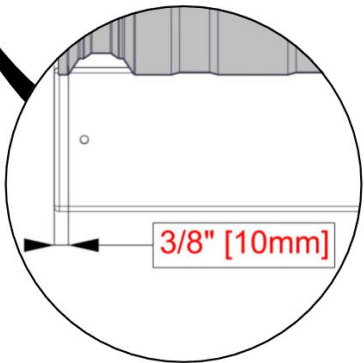
760 (x12)
SCREW - 1 1/4"

MAKE SURE YOUR ROOF PANEL IS
SQUARE BEFORE MOVING ON.



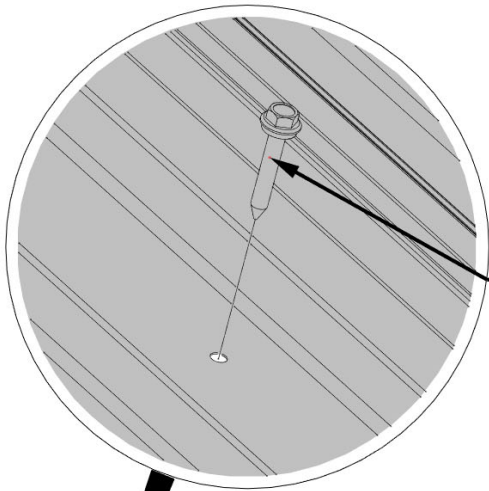
124 (x2)
29 GA STEEL SHEETING

HOLD SHEETING INSIDE OF FRAME
MEASURING FROM RIB AS SHOWN.

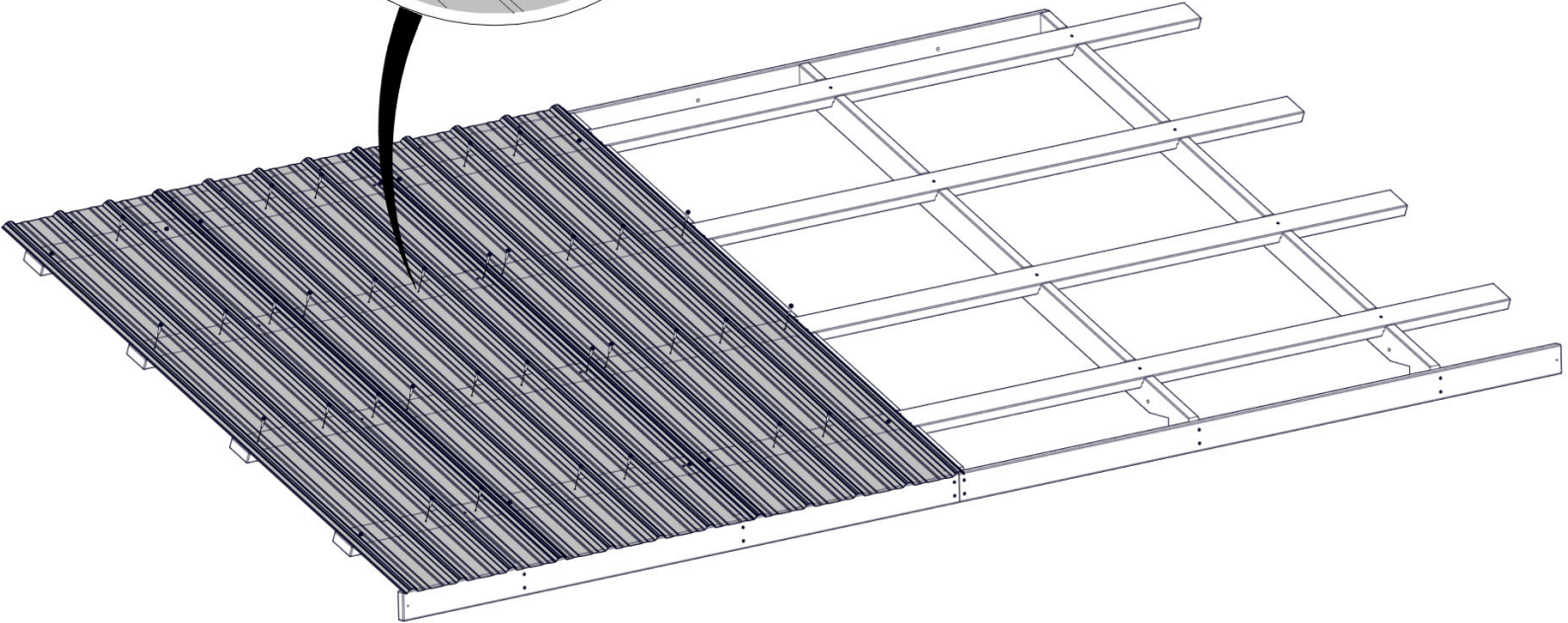


STEP 28 - GAZEBO ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
32	H100760	SCREW WOODGRIP 10-16x1-1/4"



760 (x32)
SCREW - 1 1/4"

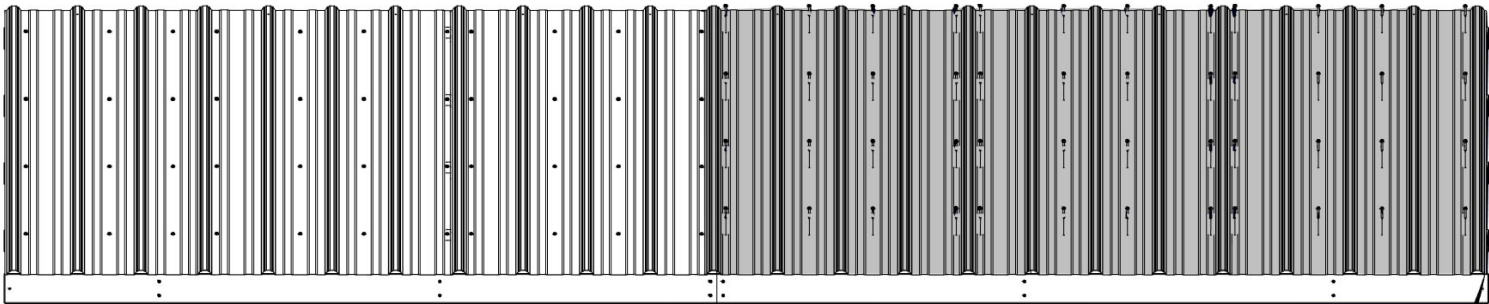


STEP 29 - GAZEBO ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
48	H100760	SCREW WOODGRIP 10-16x1-1/4"



A4M01124 (x3) | 29 GA STEEL SHEETING

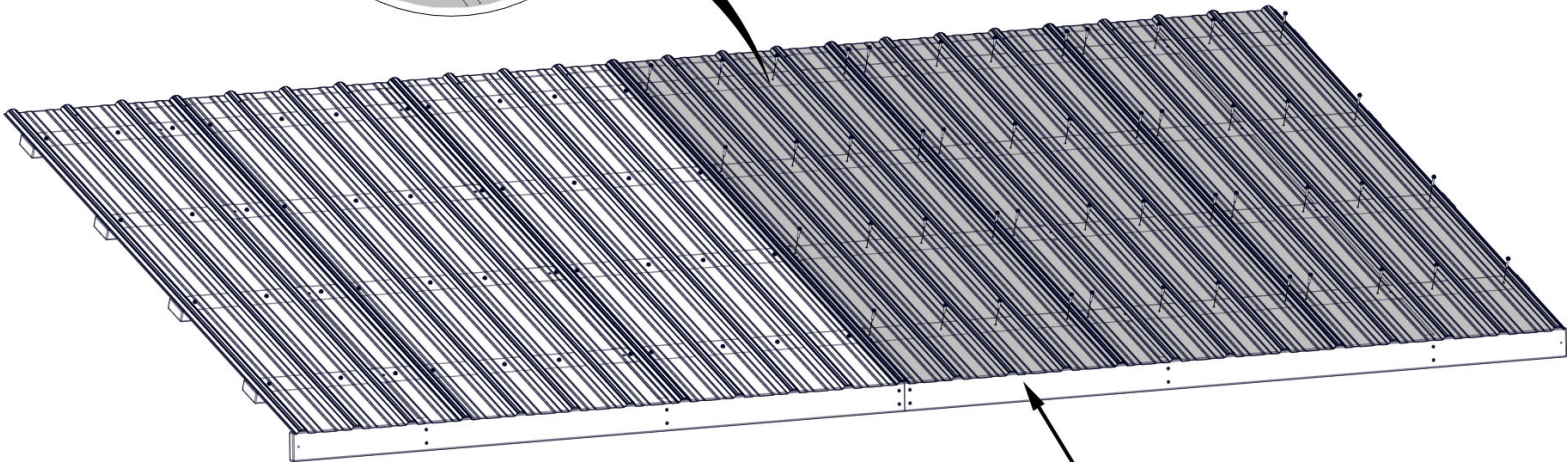


HOLD SHEETING INSIDE OF FRAME
MEASURING FROM RIB AS SHOWN.

760 (x48)
SCREW - 1 1/4"

NOTE THROUGH HOLES

1/2" [12mm]

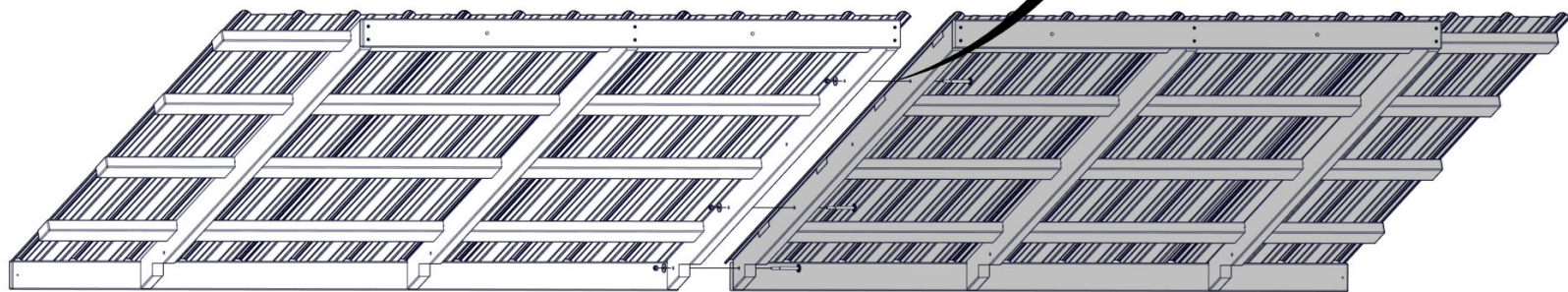
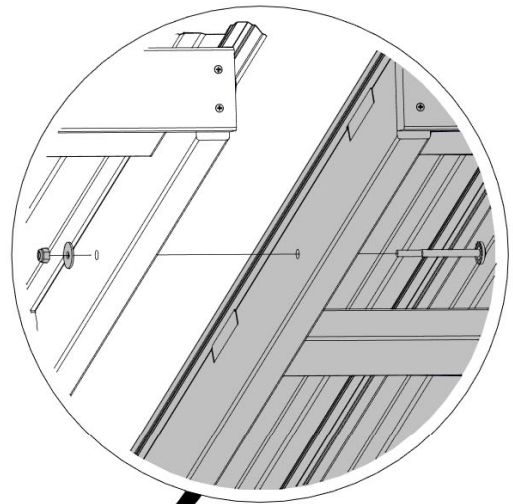


ENDS OF ALL SHEETS SHOULD BE FLUSH.

STEP 30 - GAZEBO ASSEMBLY

SEPARATE ROOF PANEL AT THIS TIME FOR EASE OF ASSEMBLING.

REMOVE HARDWARE AND SET TO THE SIDE AS IT WILL BE USED AGAIN AFTER BOTH ROOF PANELS ARE INSTALLED.

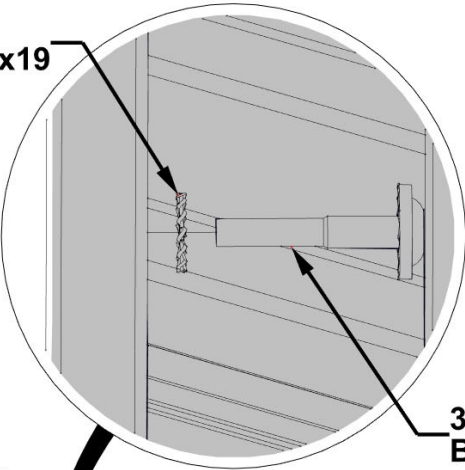


STEP 31 - GAZEBO ASSEMBLY

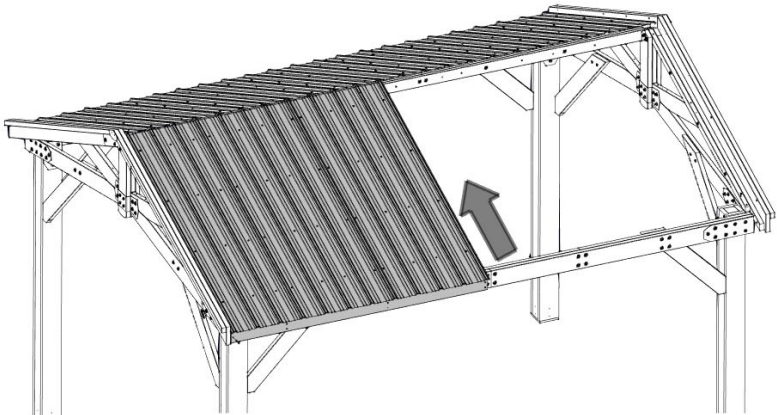
QTY	PART NUMBER	DESCRIPTION
2	H100198	WASHER LOCK EXT 8x19
2	H100378	BOLT WH 5/16x1 3/4 BLK
1	H100391	SCREW PFH 8x2 BLK

INSTALL BOLTS AND WASHERS BEFORE SCREWS.

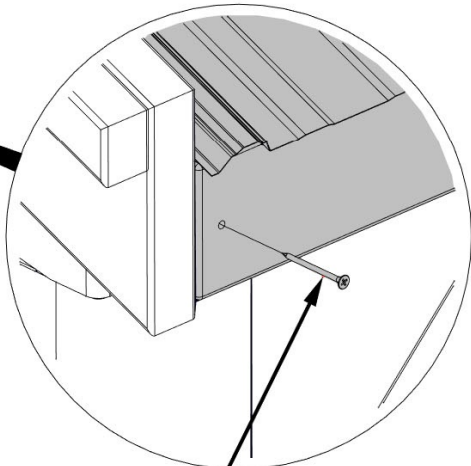
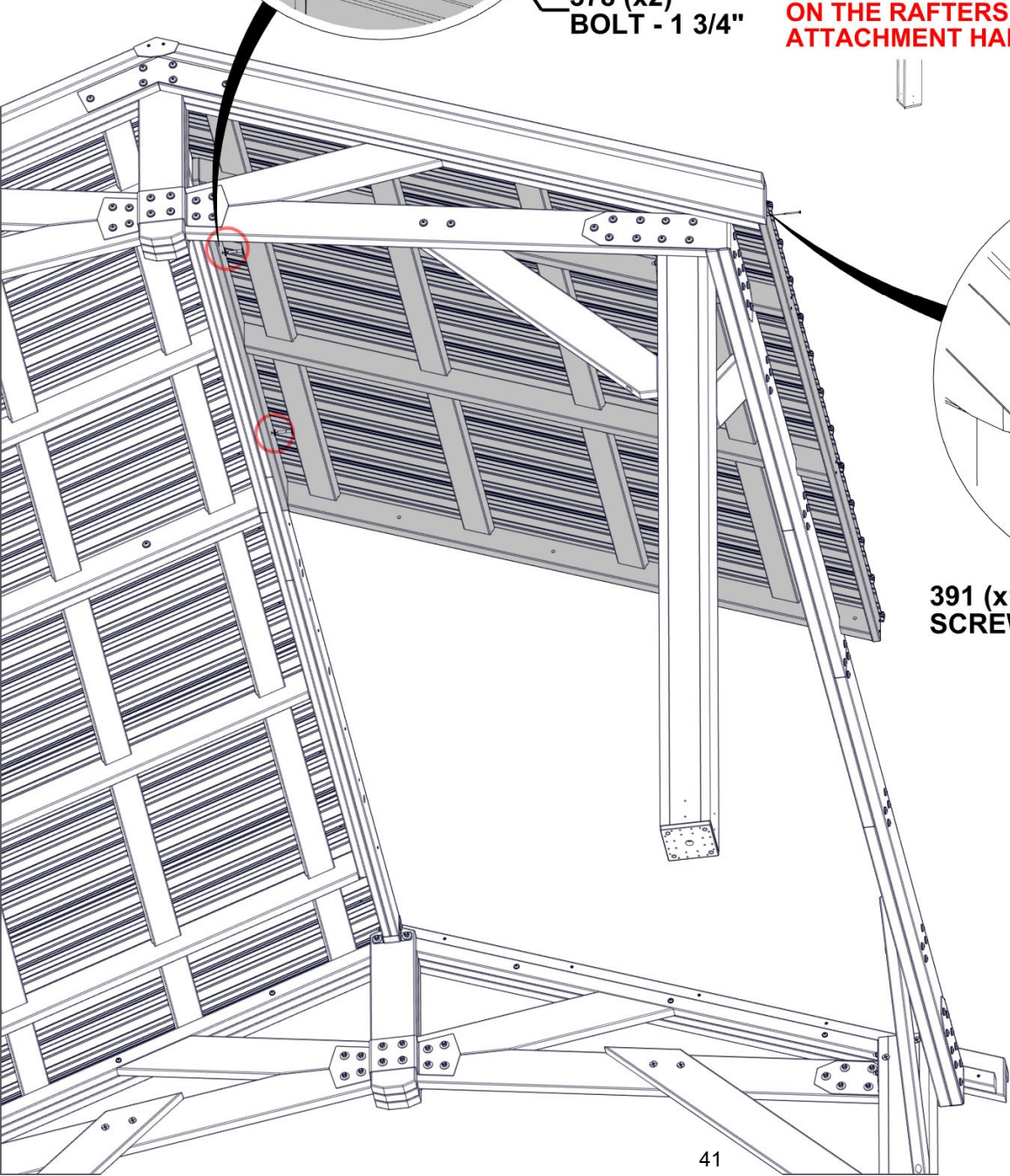
198 (x2)
WASHER 8x19



378 (x2)
BOLT - 1 3/4"



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

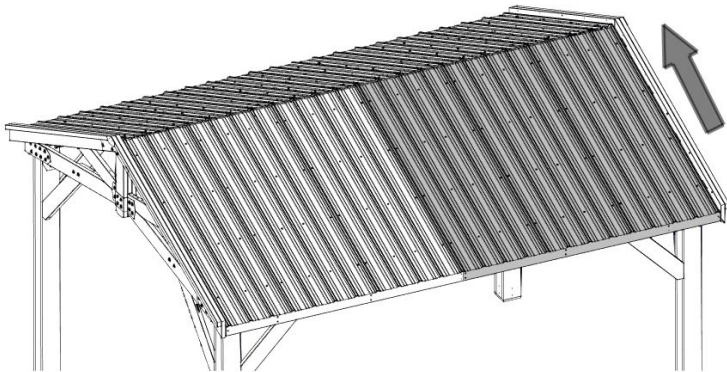
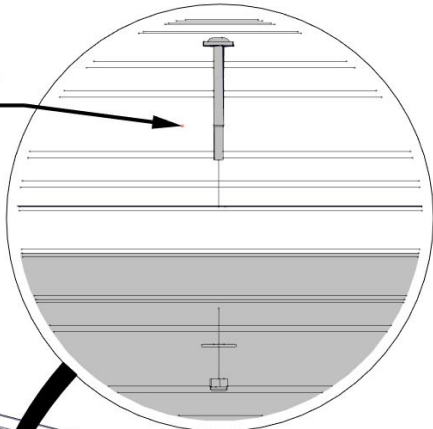


391 (x1)
SCREW - 2"

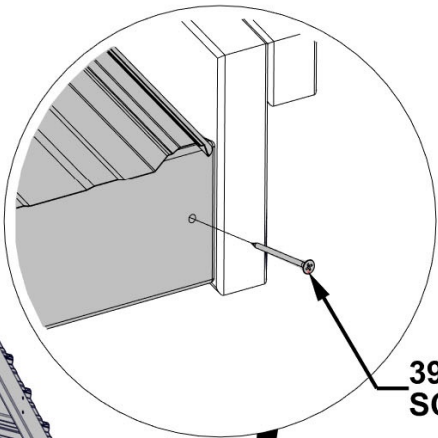
STEP 32 - GAZEBO ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
2	H100198	WASHER LOCK EXT 8x19
2	H100378	BOLT WH 5/16x1 3/4 BLK
1	H100391	SCREW PFH 8x2 BLK

**REATTACH PREVIOUSLY
REMOVED HARDWARE**

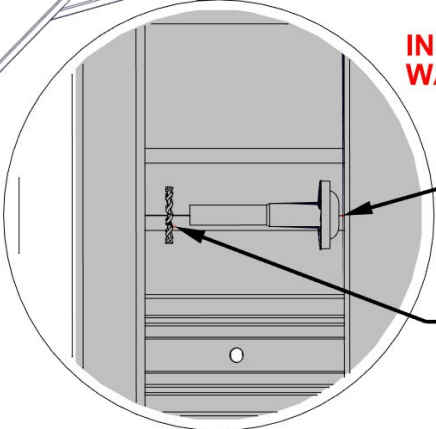


**WITH AT LEAST TWO PEOPLE, LIFT
ASSEMBLED ROOF PANEL AND SLIDE IT INTO
THE TRACKS ON THE RAFTERS. YOU MAY HAVE
TO LIFT THE CORNER OF THE EXISTING ROOF
PANEL TO GET IT STARTED. ONCE IN PLACE,
INSTALL ATTACHMENT HARDWARE AS SHOWN.**



**391 (x1)
SCREW - 2"**

**INSTALL BOLTS AND
WASHERS BEFORE SCREWS.**



**378 (x2)
BOLT - 1 3/4"**

**198 (x2)
WASHER - 8x19**

STEP 33 - GAZEBO ASSEMBLY

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

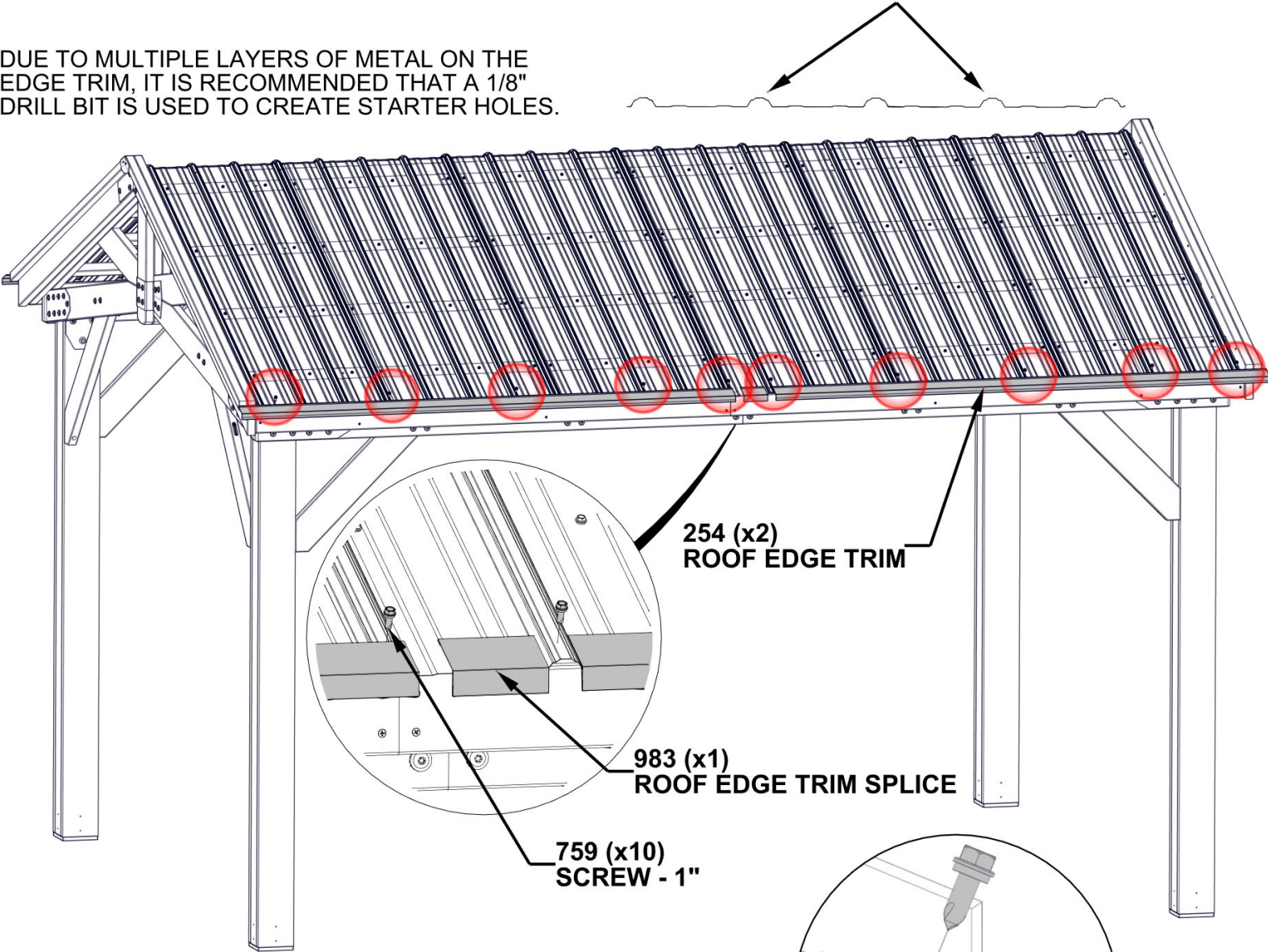
A4M01254
(x4) ROOF EDGE TRIM

A4M00983
(x2) ROOF EDGE TRIM SPLICE

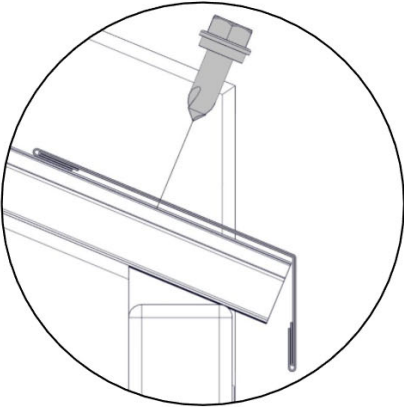
COMPLETE ON BOTH SIDES.

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



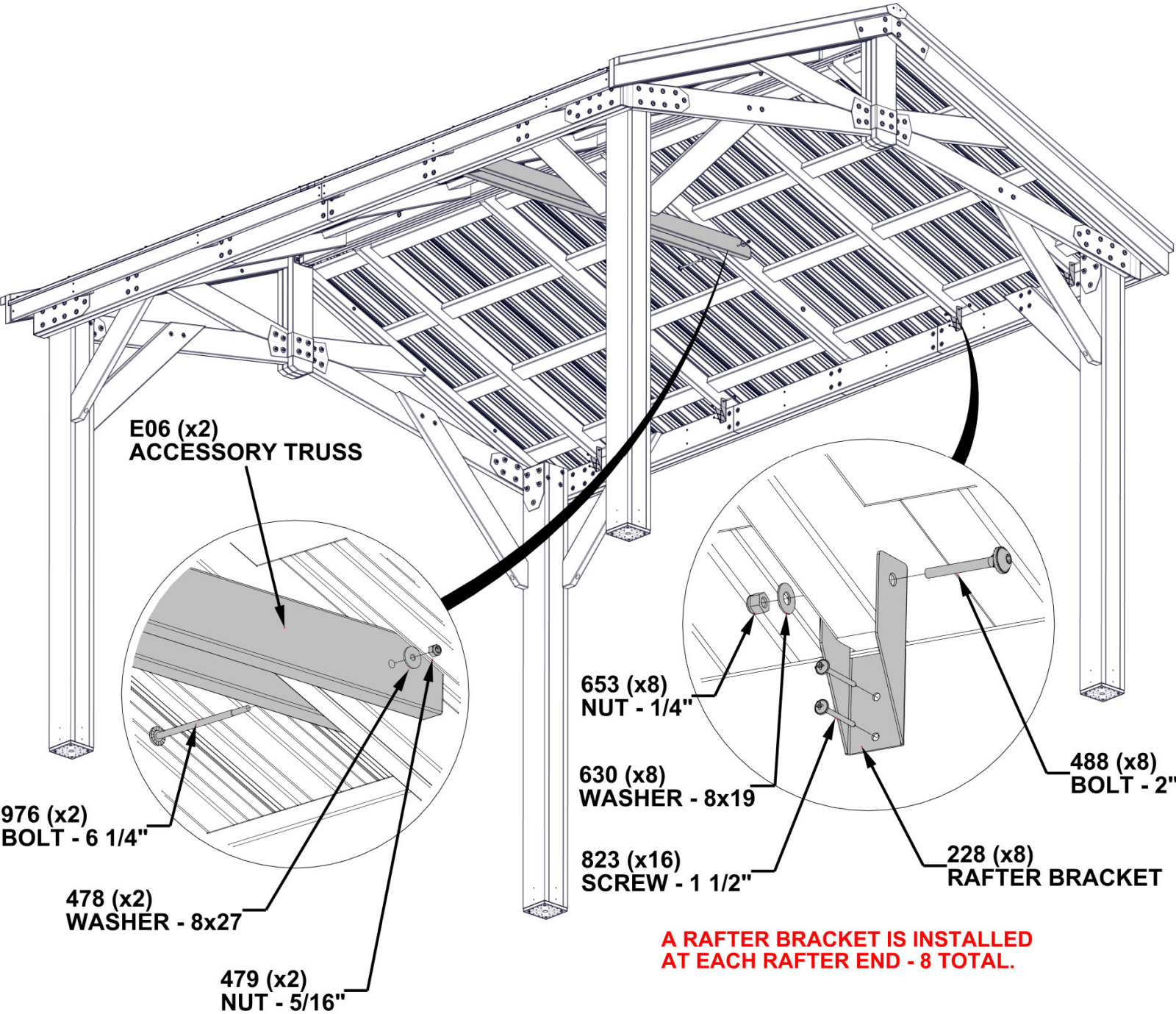
SIDE VIEW

STEP 34 - GAZEBO ASSEMBLY



QTY	PART NUMBER	DESCRIPTION
2	H100478	WASHER FLAT 8x27 BLK
2	H100479	NUT LOCK 5/16 BLK
8	H100488	BOLT WH 1/4x2 BLK
8	H100630	WASHER FLAT 8x19 BLK
8	H100653	NUT LOCK 1/4 BLK
16	H100823	SCREW PWH 8x1 1/2 BLK
2	H100976	BOLT WH 5/16x6 1/4 BLK

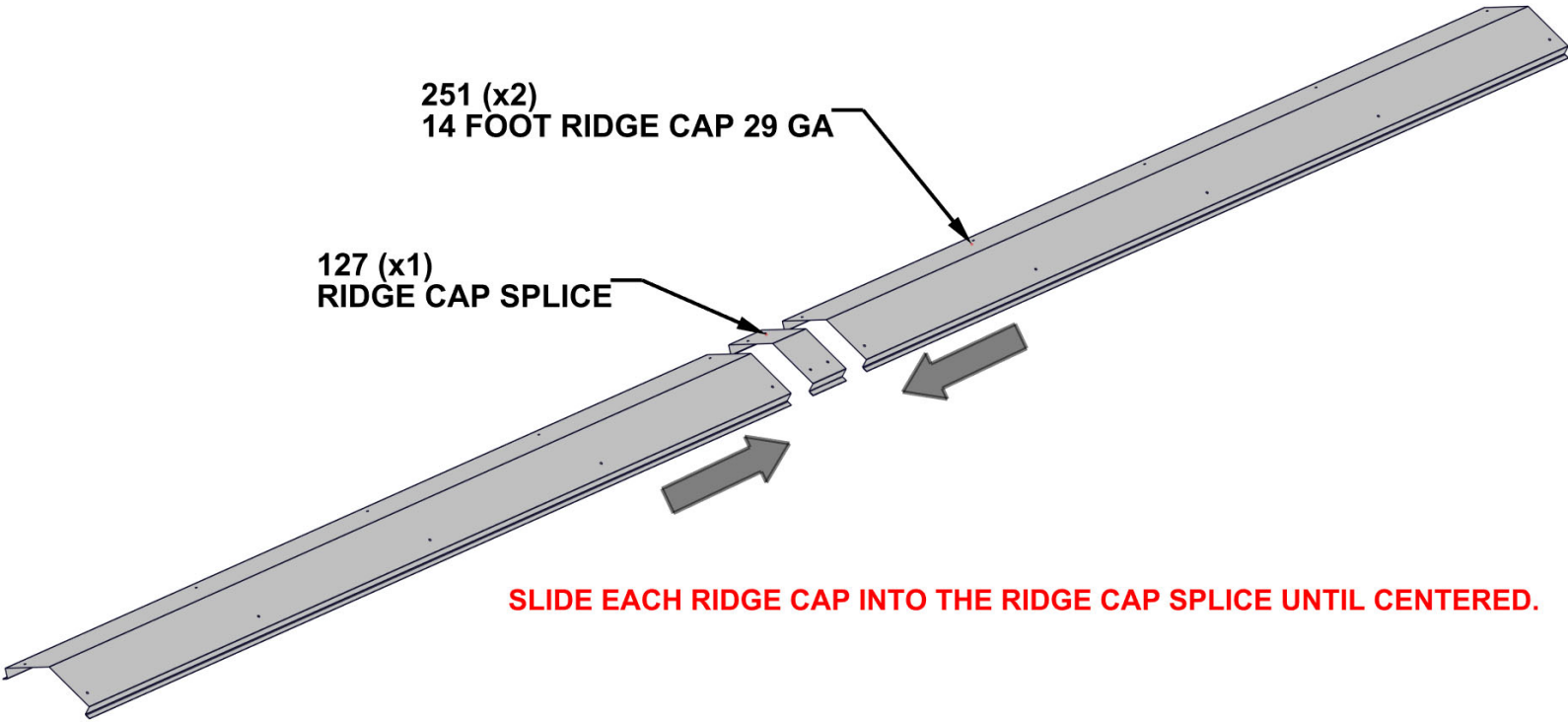
E06 **ACCESSORY TRUSS - W4L14991**
(x2) 1 3/8"x3 3/8"x73 13/16" (36x86x1875)



STEP 35 - GAZEBO ASSEMBLY

A4M01127
(x1) | RIDGE CAP SPLICE

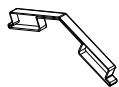
A4M01251 | 14 FOOT RIDGE CAP 29 GA
(x2)



SLIDE EACH RIDGE CAP INTO THE RIDGE CAP SPLICE UNTIL CENTERED.

STEP 36 - GAZEBO ASSEMBLY

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



A6P00398
(x2) | RIDGE CAP PROTECTOR

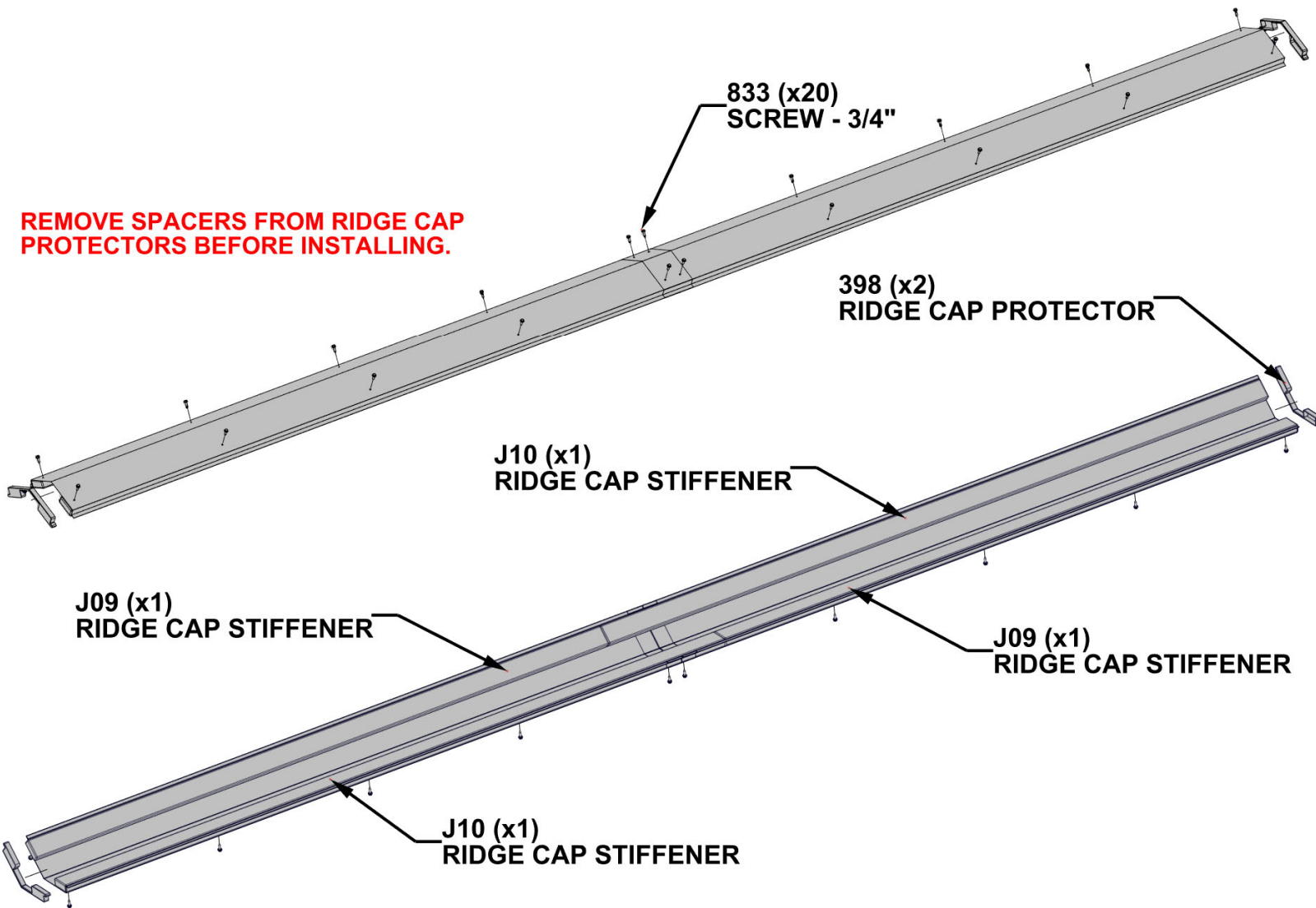


J09 | RIDGE CAP STIFFENER - W4L15002
(x2) | 1"x2 3/8"x77 5/8" (24x60x1973)



J10 | RIDGE CAP STIFFENER - W4L15003
(x2) | 1"x2 3/8"x89 1/2" (24x60x2273)

ASSEMBLE BY ALIGNING THE HOLES ON EACH RIDGE CAP TO THE HOLES IN THE RIDGE CAP SPLICE.
FINAL LENGTH - 13'-11 3/8" [4250mm]



RIDGE CAP MUST BE LIFTED FROM THE MIDDLE TO PREVENT DAMAGE BEFORE INSTALLATION.

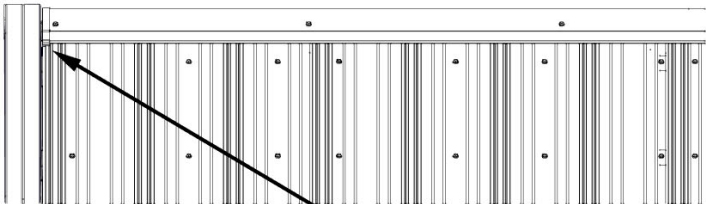
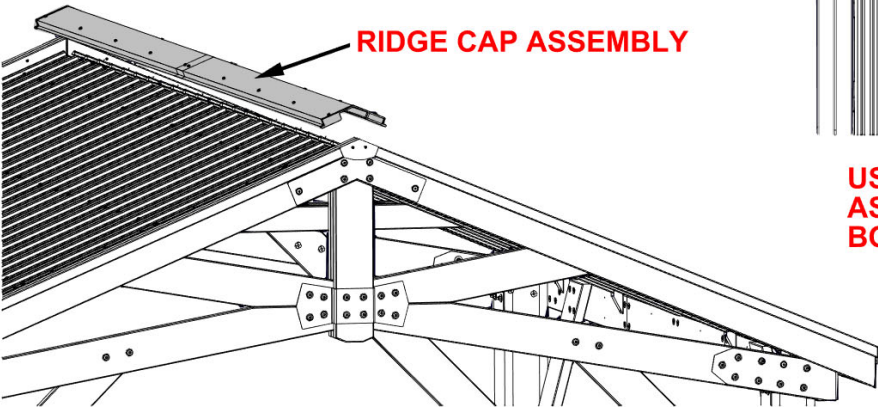
STEP 37 - GAZEBO ASSEMBLY

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

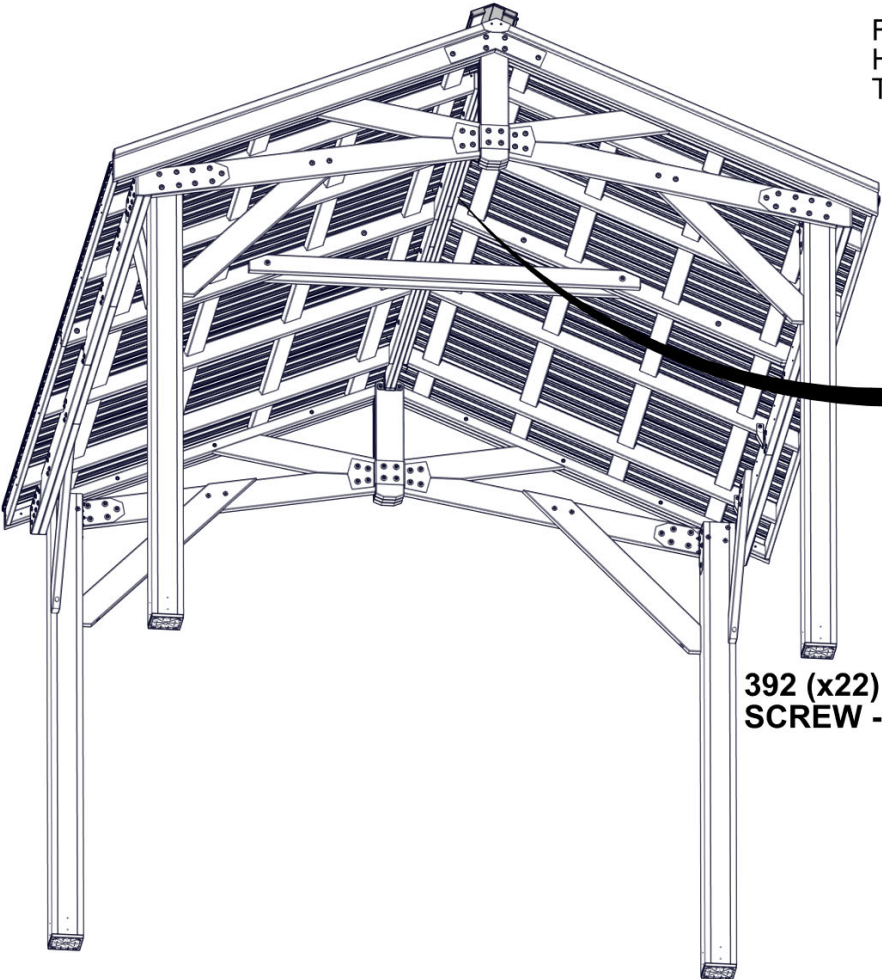


RIDGE CAP ASSEMBLY - FROM PREVIOUS STEPS

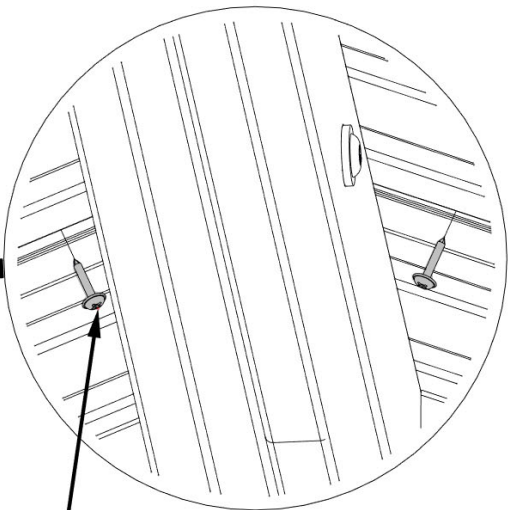
**DO NOT CLIMB ON ROOF TO INSTALL:
RIDGE CAP HAS BEEN DESIGNED TO
INSTALL WITH THE USE OF A LADDER.**



**USING AN ADULT HELPER, SLIDE RIDGE CAP
ASSEMBLY ACROSS THE ROOF RIDGE UNTIL
BOTH ENDS SIT INSIDE RAFTERS AS SHOWN.**



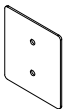
FOR PROPER INSTALLATION, USE AN ADULT
HELPER TO KEEP DOWNWARD PRESSURE ON
THE RIDGE CAP WHILE SCREWING IN SCREWS.



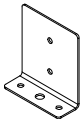
**INSTALL SCREWS THROUGH PILOT
HOLES IN ROOF PANELS INTO
RIDGE CAP STFFENER BOARDS.**

STEP 38 - GAZEBO ASSEMBLY

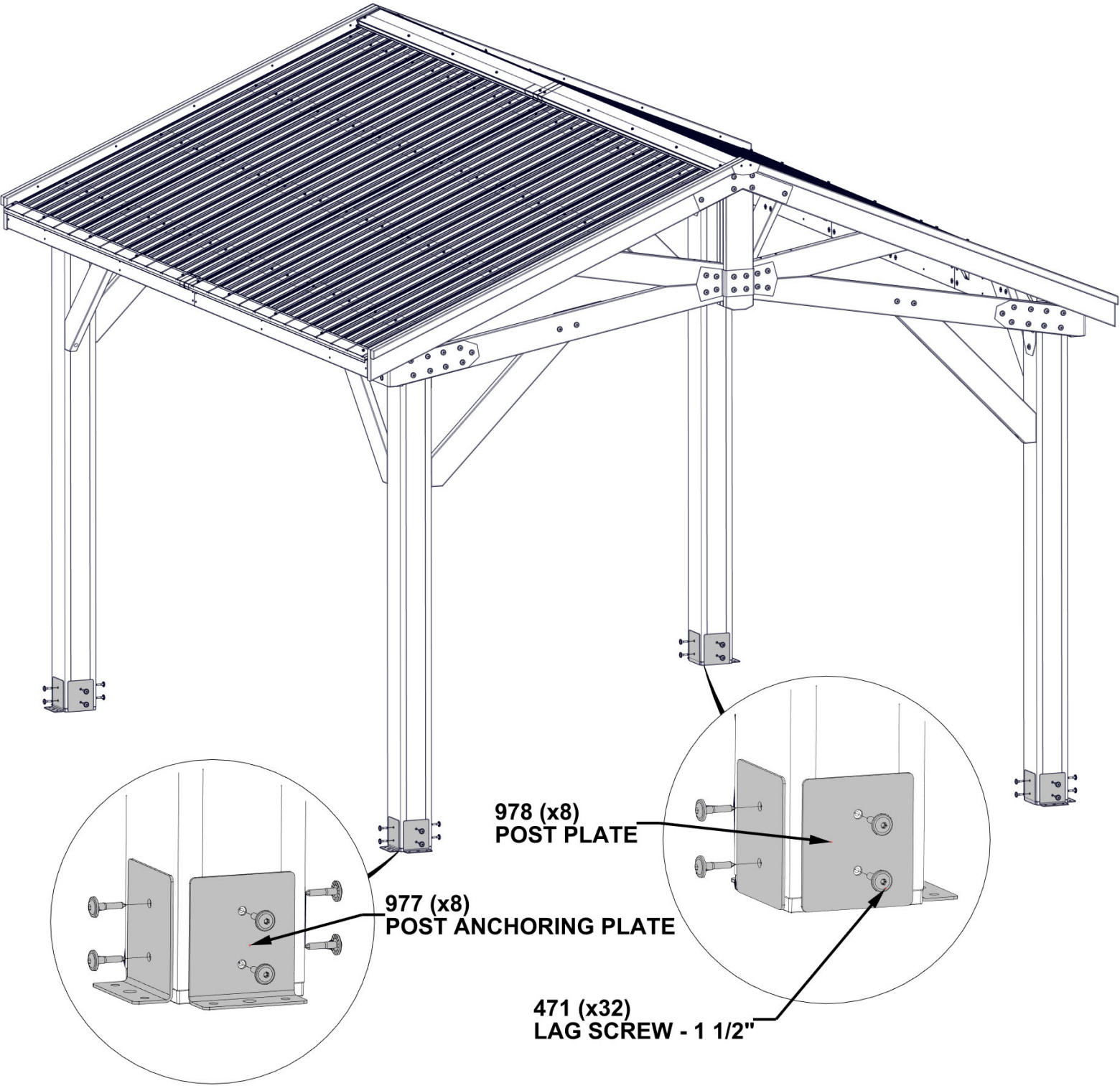
QTY	PART NUMBER	DESCRIPTION
32	H100471	LAG SCREW WH 5/16x1 1/2 BLK



A4M00978
(x8) POST PLATE



A4M00977
(x8) POST ANCHORING PLATE

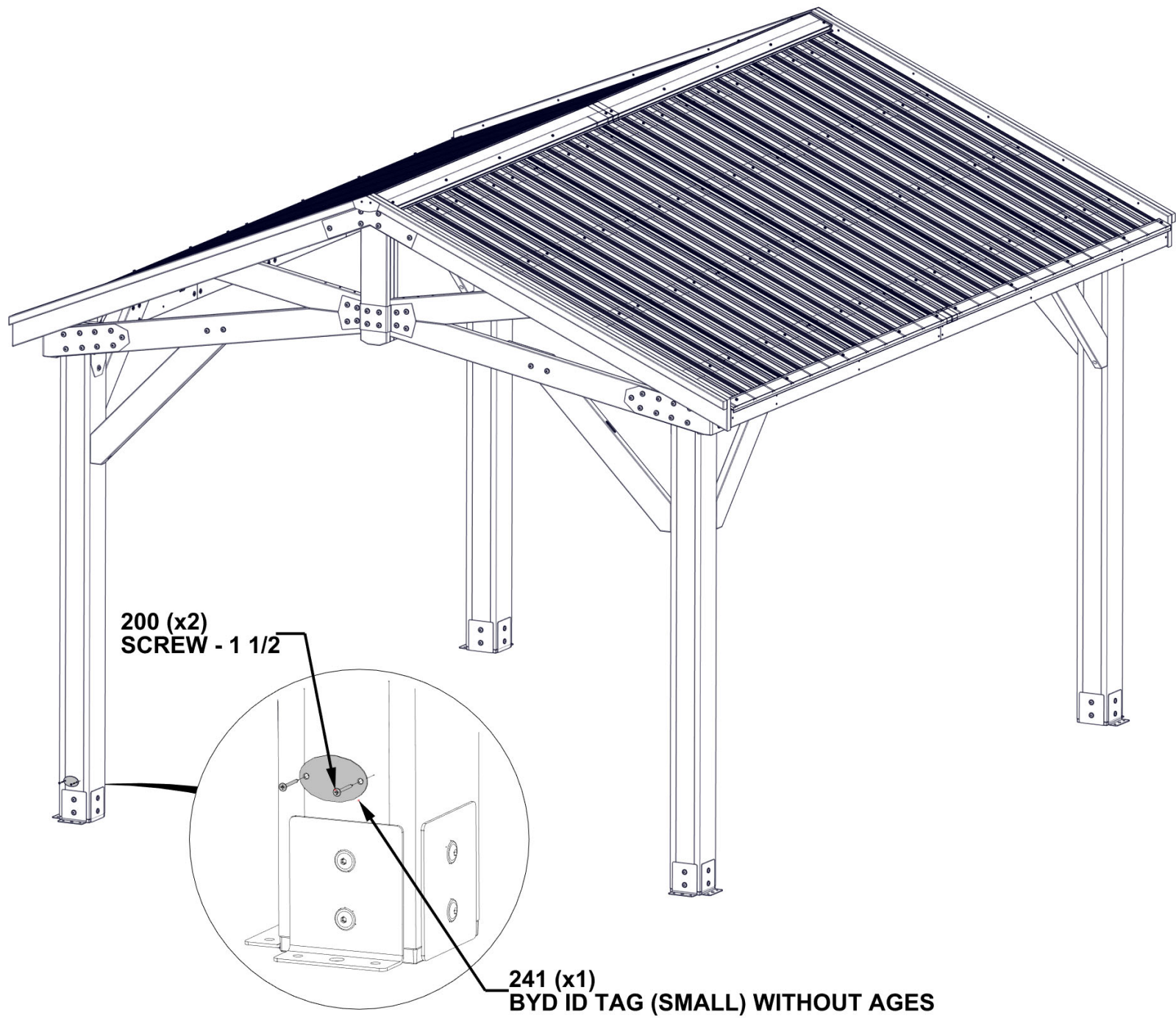


STEP 39 - GAZEBO ASSEMBLY

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



A100241 (x1) BYD ID TAG (SMALL) WITHOUT AGES

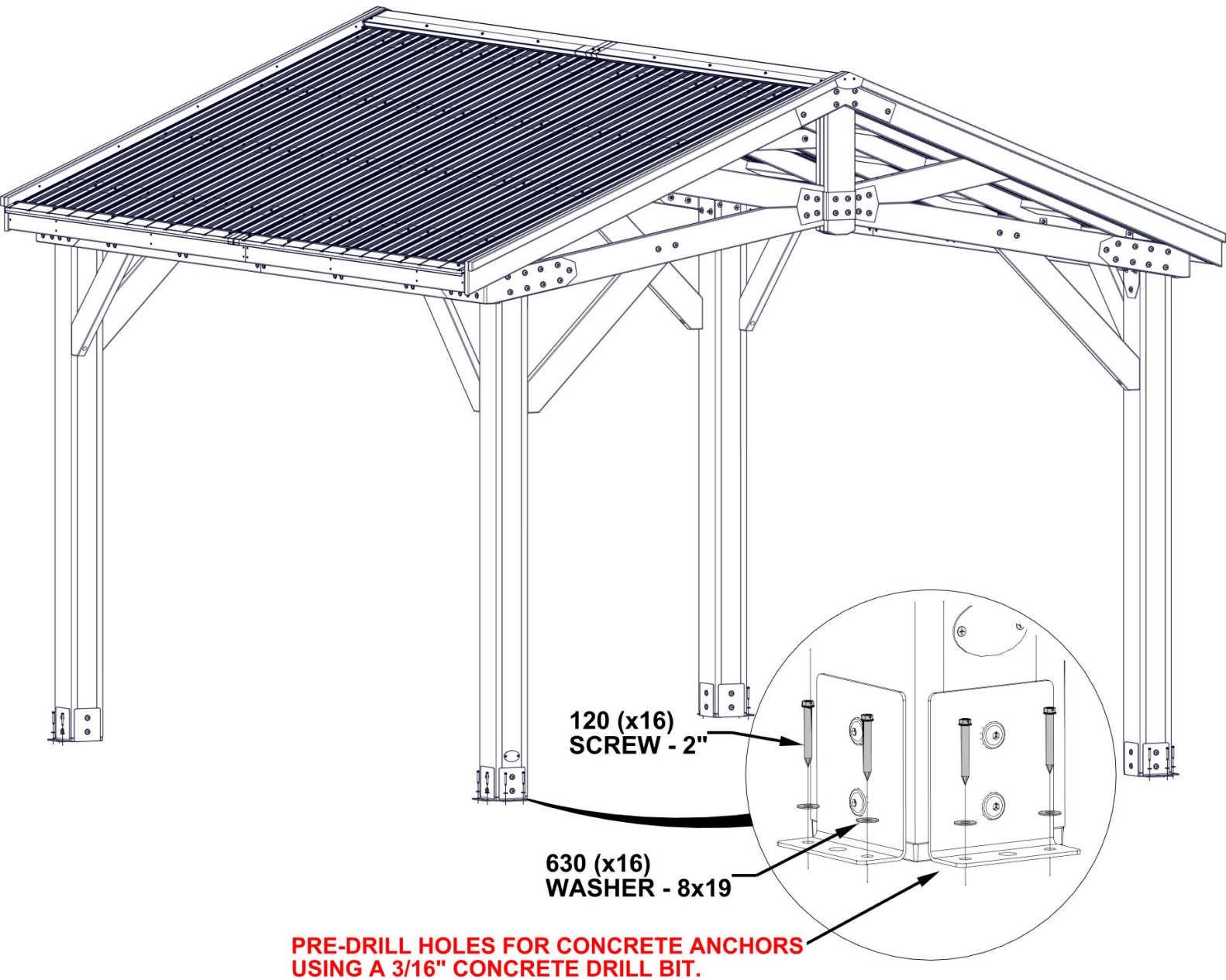


STEP 40 - GAZEBO ASSEMBLY

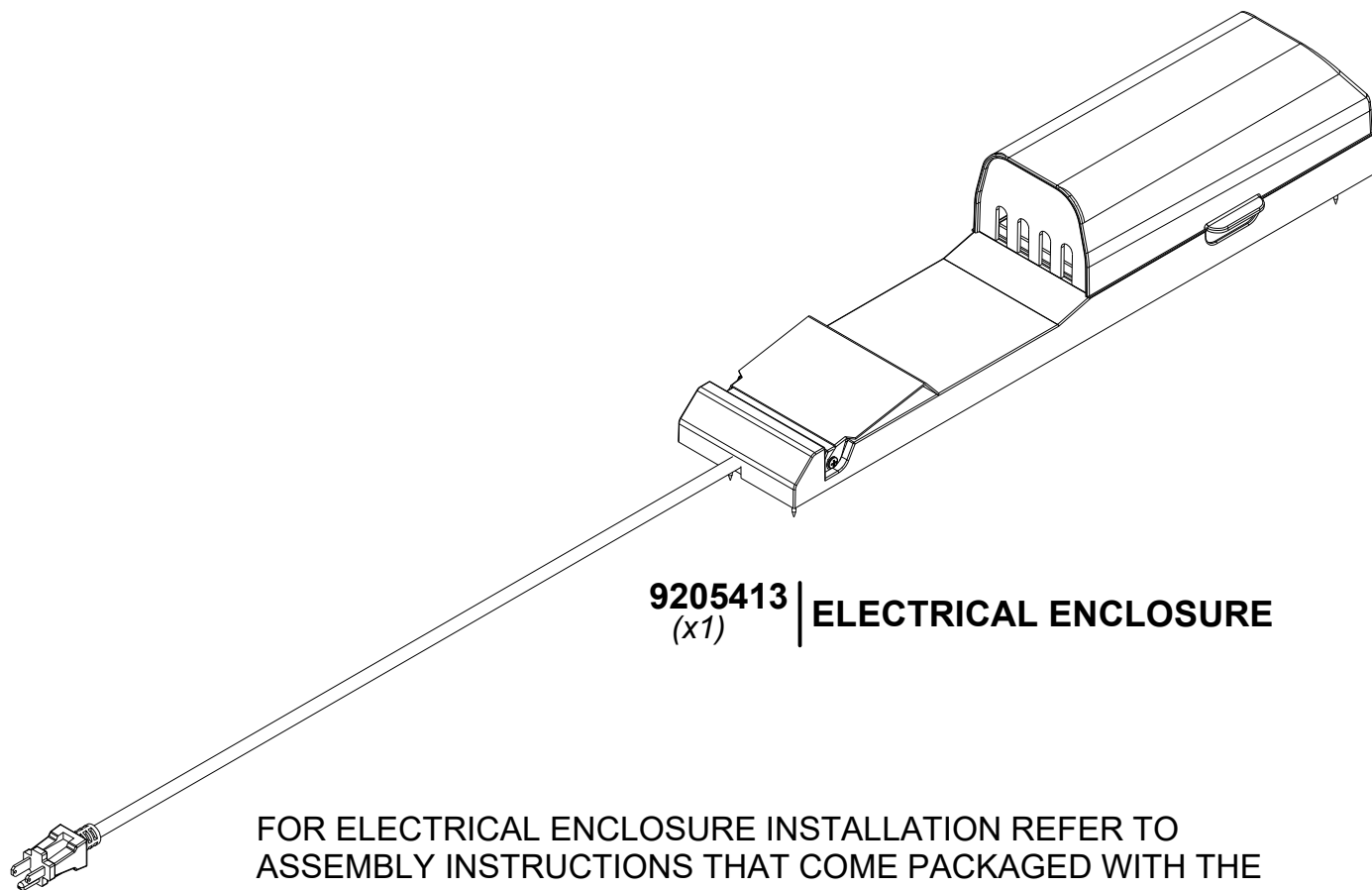
QTY	PART NUMBER	DESCRIPTION
16	H100120	SCREW CONCRETE ANCHOR
16	H100630	WASHER FLAT 8x19 BLK

MANUFACTURER RECOMMENDS INSTALLATION ON CONCRETE SURFACE OR CONCRETE POST PAD AS SHOWN BELOW.

FOR INSTALLATION ON WOOD DECK, YOU MUST ENSURE THERE IS AMPLE STRUCTURAL SUPPORT UNDER THE DECK. HARDWARE NOT INCLUDED FOR DECK ATTACHMENT.



ELECTRICAL ENCLOSURE



9205413 | **ELECTRICAL ENCLOSURE**
(x1)

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

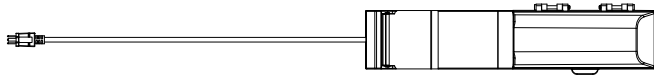


PowerPort™

Model # 9205413
Wood Post Mounting Instructions



MANUFACTURED BY:
Backyard Discovery
3305 Airport Drive
Pittsburg, KS 66762
800-856-4445

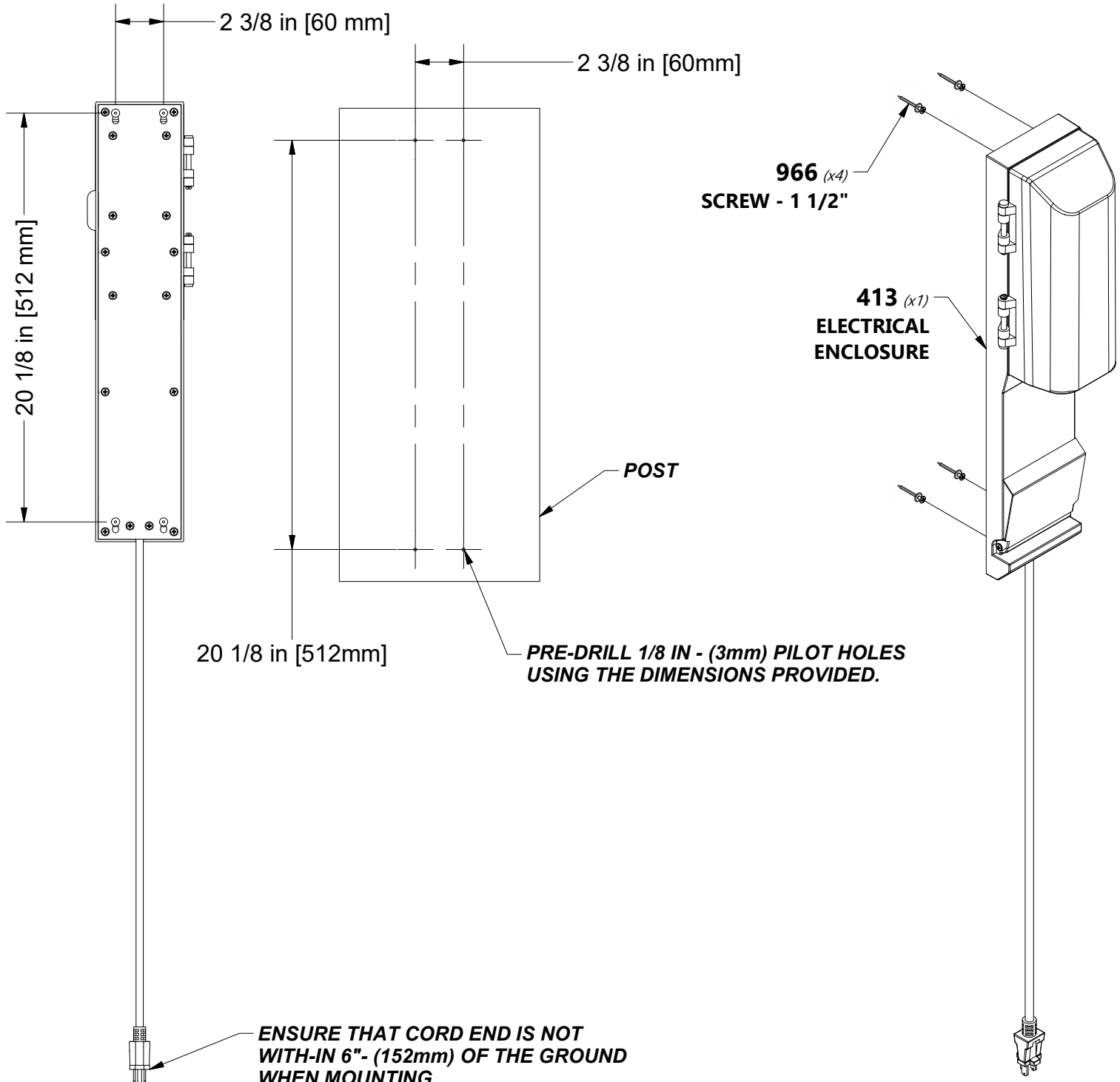


9205413 | ELECTRICAL ENCLOSURE
(x1)



H100966 | SCREW RAISED HEAD
(x4) | 8x1 1/2

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





PowerPort

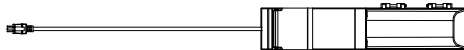
Model # 9205413
Metal Post Mounting Instructions



MANUFACTURED BY:
Backyard Discovery
3305 Airport Drive
Pittsburg, KS 66762
800-856-4445



A4M01292 | MOUNTING BRACKET
(x2)

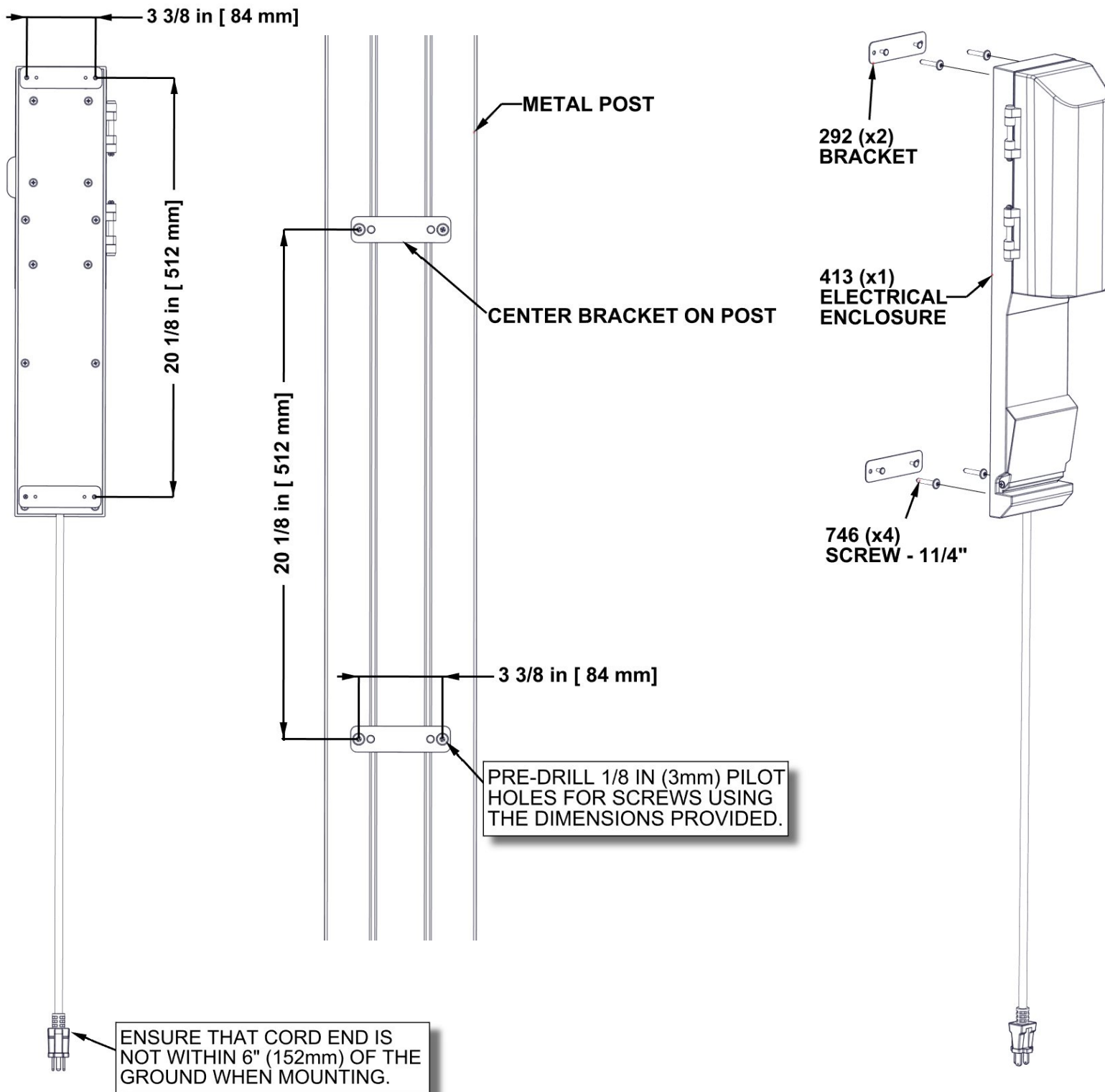


9205413 | ELECTRICAL ENCLOSURE
(x1)



H100746 | SCREW TAPPING
(x4) 10x1 1/4

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



FCC MARKING:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC INSTRUCTIONS:

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

For a Class B digital device or peripheral, the instructions furnished the user shall include the following or similar statement, placed in a prominent location in the text of the manual:

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.