

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

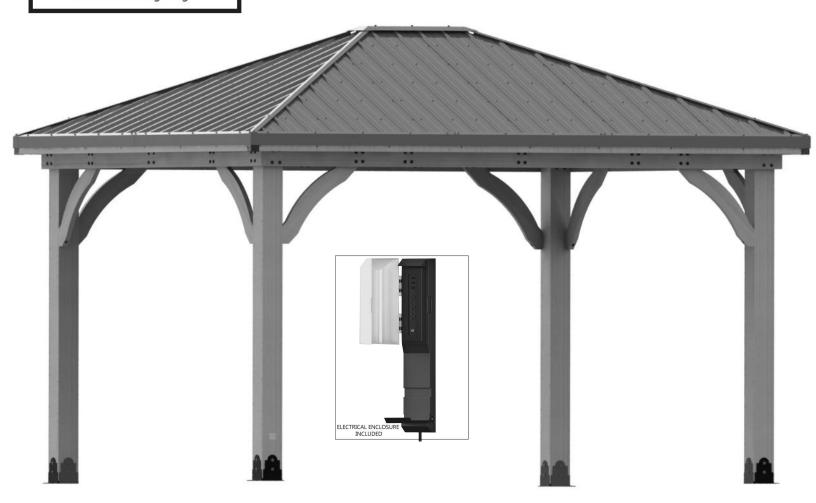
Basepoint Business Centre: Rivermead Drive, Westlea, Swindon SN5 7EX Phone: 0800-118-2476 J.P. Coenstraat 7, The Bridge, The Hague, 2595 WP, Netherlands Phone: 08005678990

# 14x12 Barrington Gazebo

MODEL #: 2406247



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





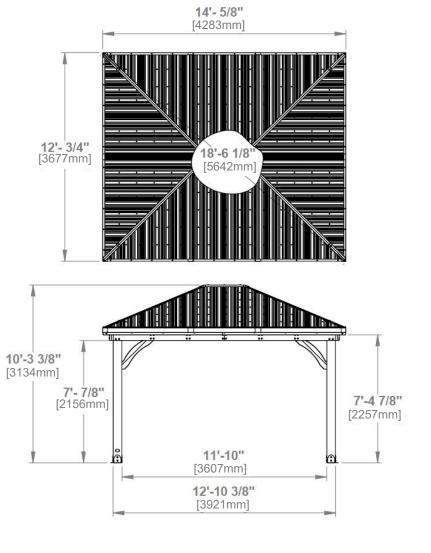
### OWNER'S MANUAL - BASIC SETUP DIMENSIONS & ASSEMBLY NOTES

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

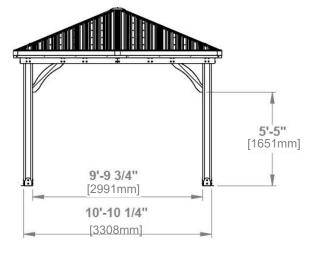
- Pay close attention to the items needed for each step. Make sure you are using the correct hardware for each step. Using incorrect hardware may result in improper assembly
- Remember to double check for underground utilities and overhead electrical lines

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.

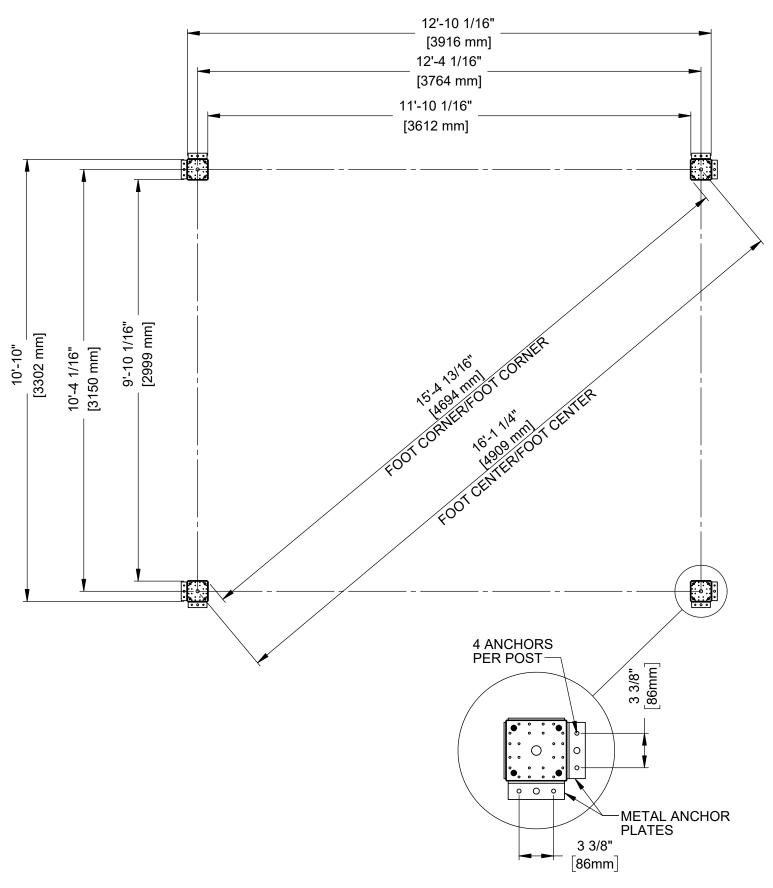
- The hardware to attach the post mounts to the structure is included.
- The hardware to mount the structure permanently to a concrete surface is included.
- The hardware to mount the structure permanently to a wood deck is NOT included and will need to be purchased separately. You must ensure there is ample structural support under the deck before permanently attaching.

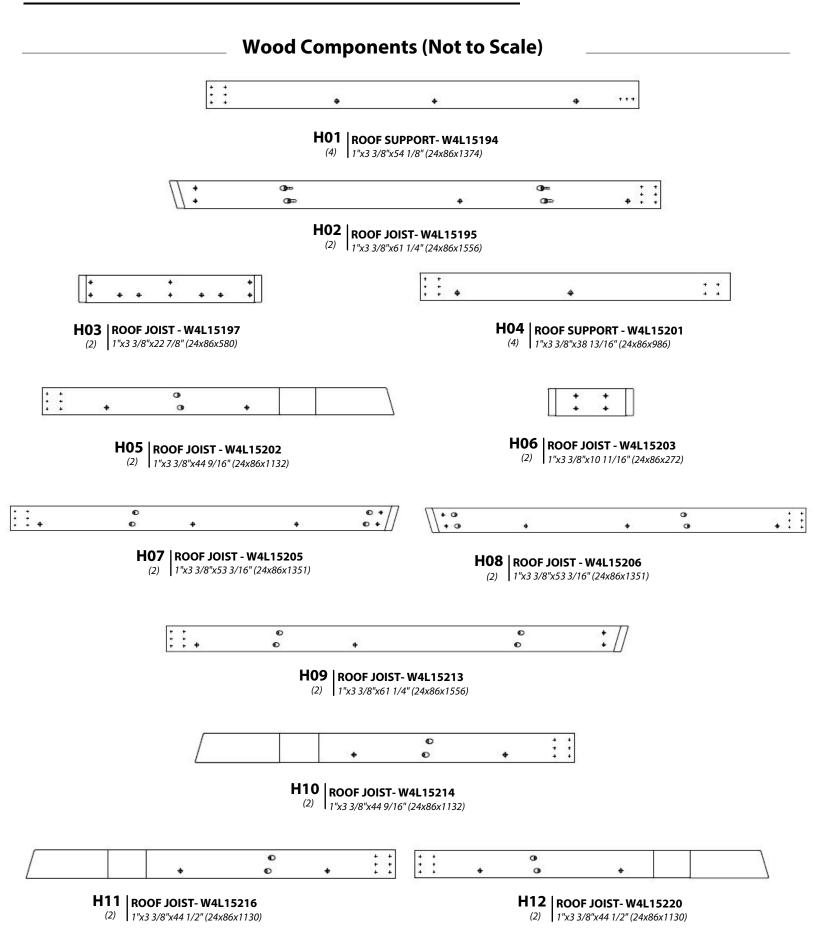




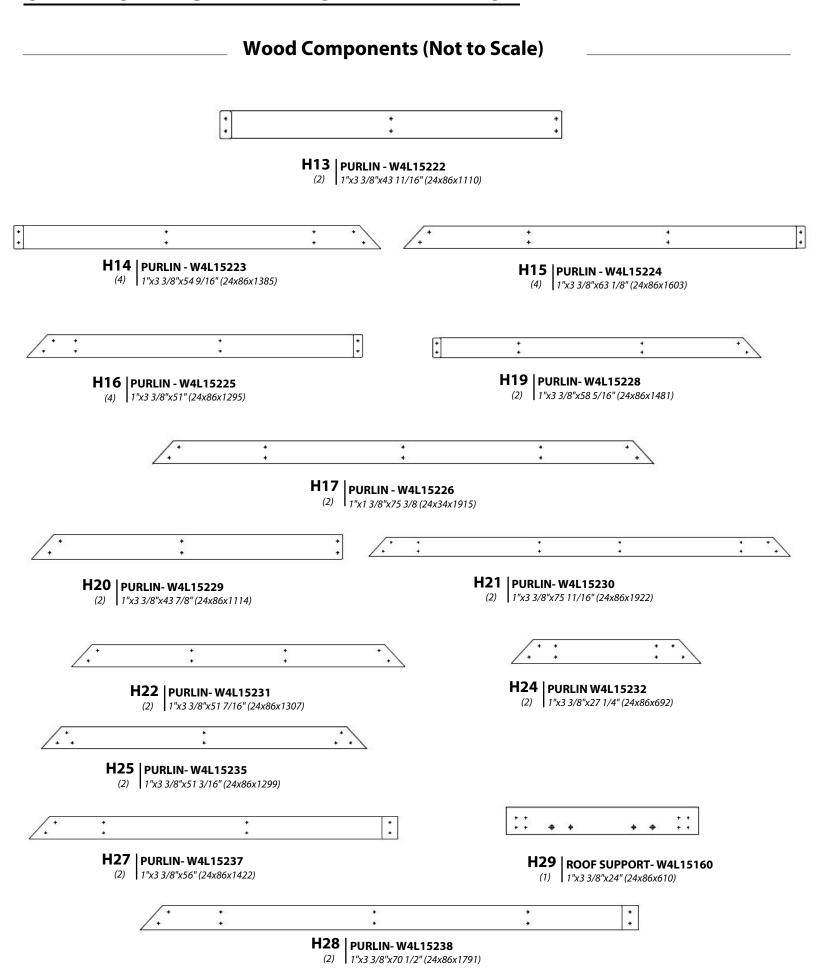


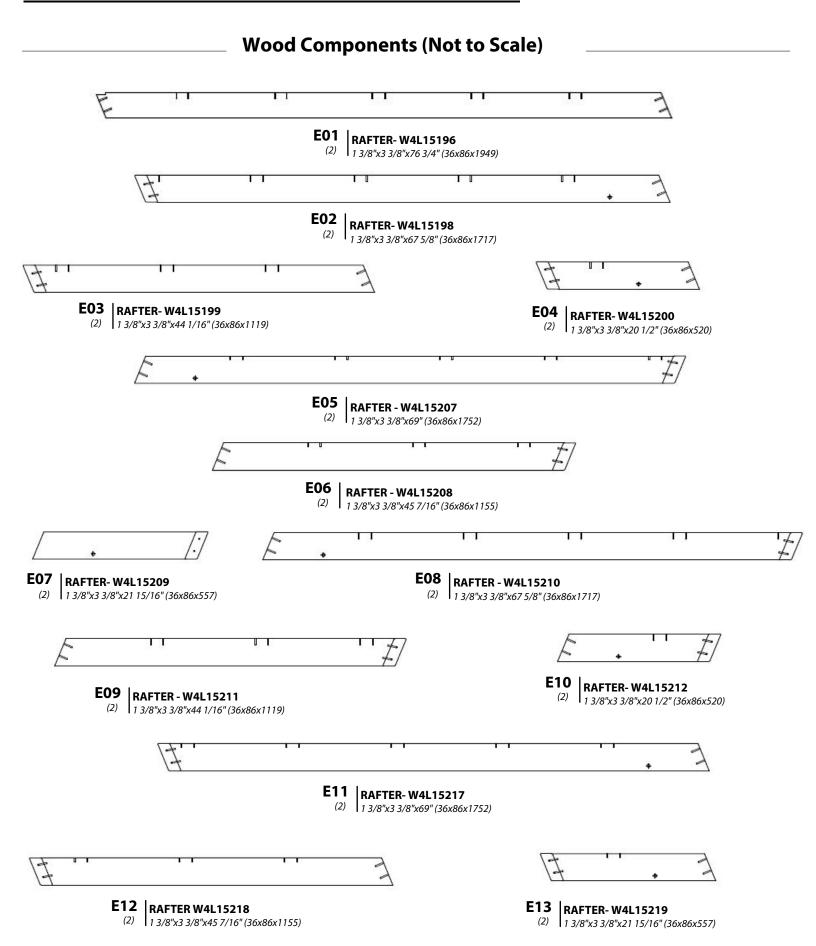
# **OWNER'S MANUAL - ANCHORING LAYOUT**

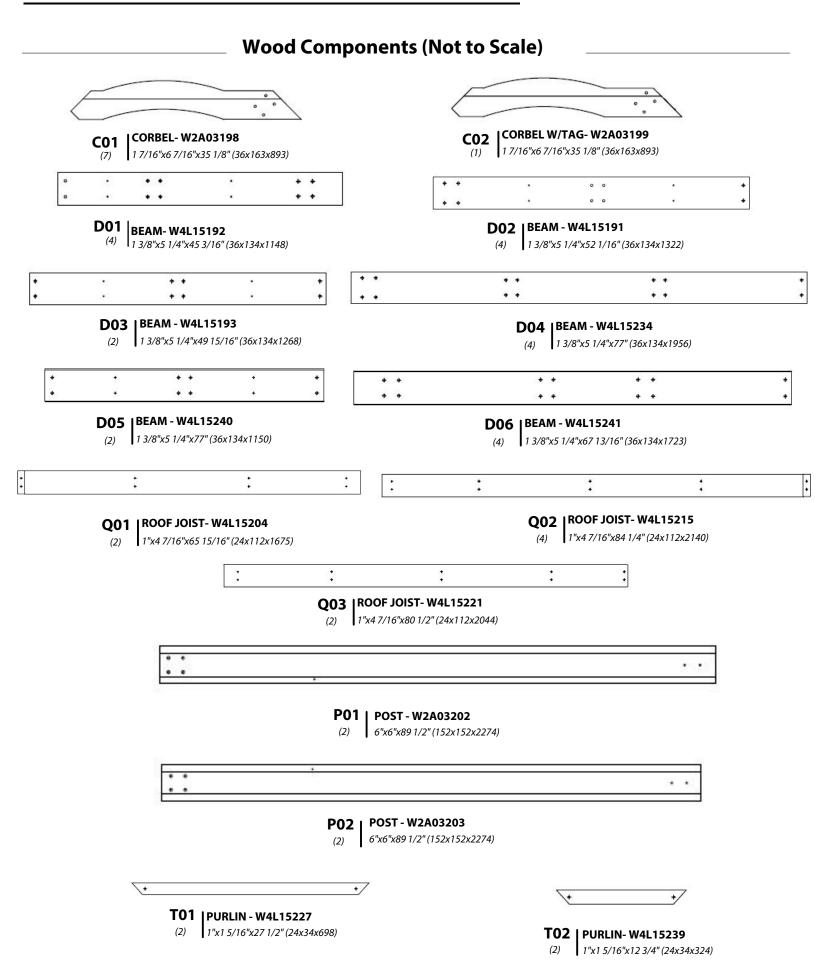




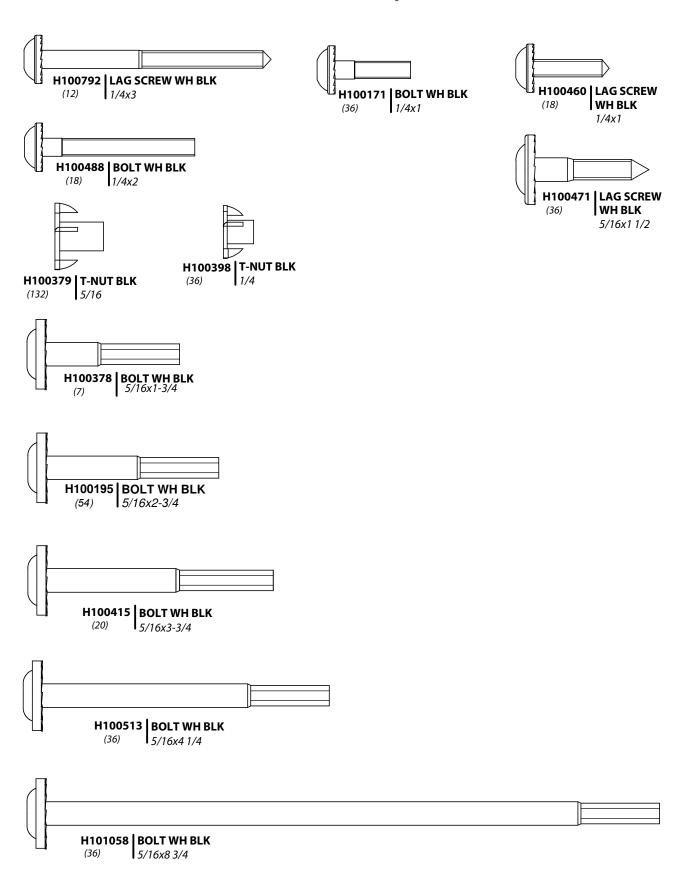
4

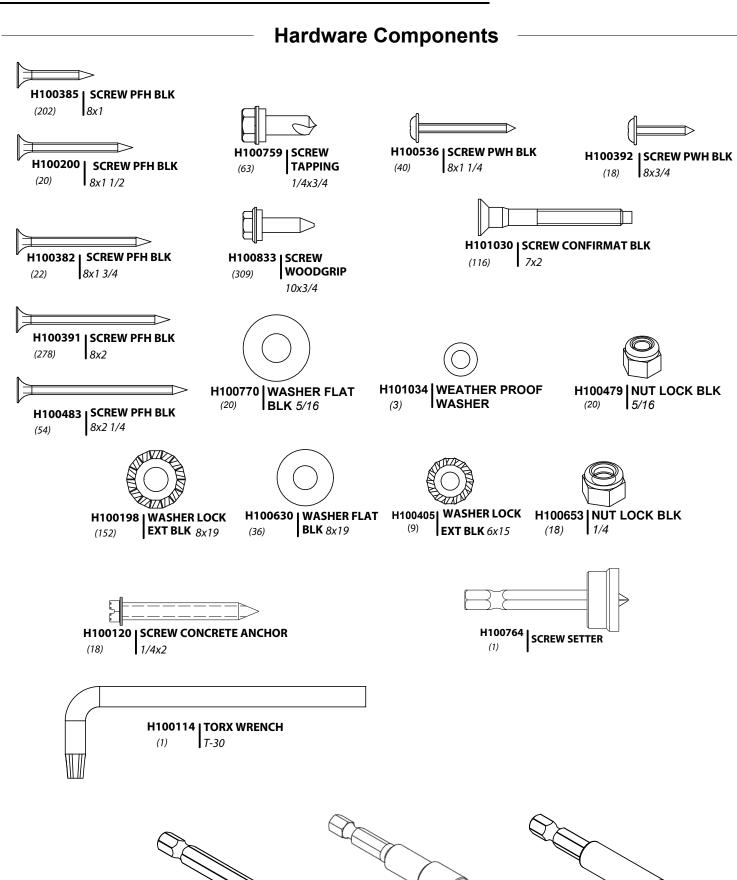






### **Hardware Components**



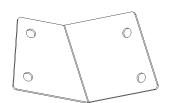


H101106 SOCKET DRIVER

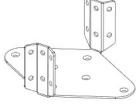
H101100 BIT ADAPTOR

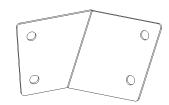
H100147 T-30 TORX BIT

#### **Accessory Components (Not to Scale)**

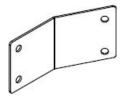


A4M01191 PANEL BRACKET





A4M01193 PANEL BRACKET



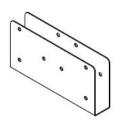
A4M 01238 PANEL BRACKET



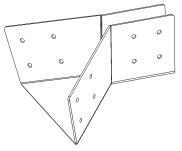
PANEL BRACKET



A4M01228 RAFTER CLIP



A4M01237 ROOF SUPPORT **SPLICE CLIP** 



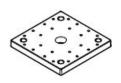
A4M01184 PANEL SUPPORT BRACKET



A4M01794 STEEL POST PLATE



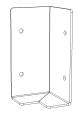
A4M01793 | STEEL POST (8) ANCHOR PLATE



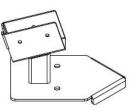
A6P00308 6x6 POST FOOT



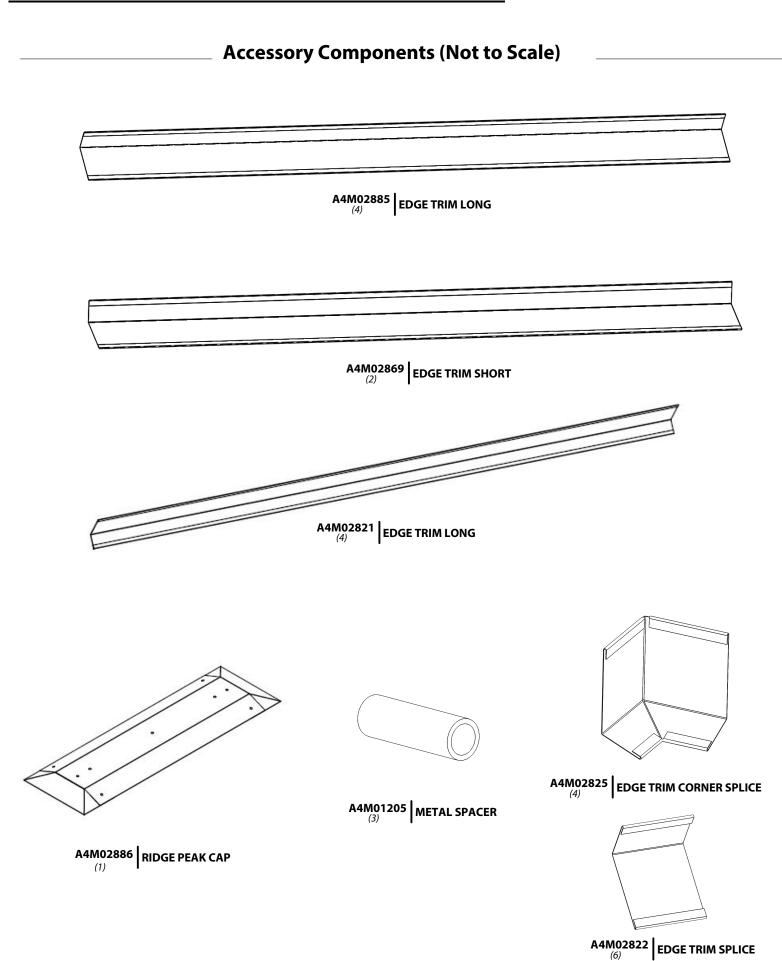
A4M02158| BYD ID TAG (SMALL) **WITHOUT AGES** 



A4M01185 CORNER BRACKET



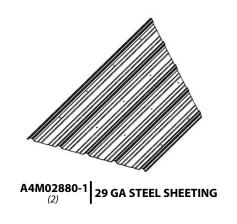
A4M01234 POST CLIP



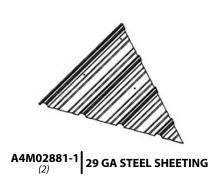
#### **Accessory Components (Not to Scale)**







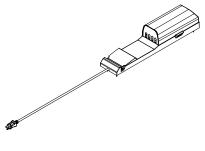






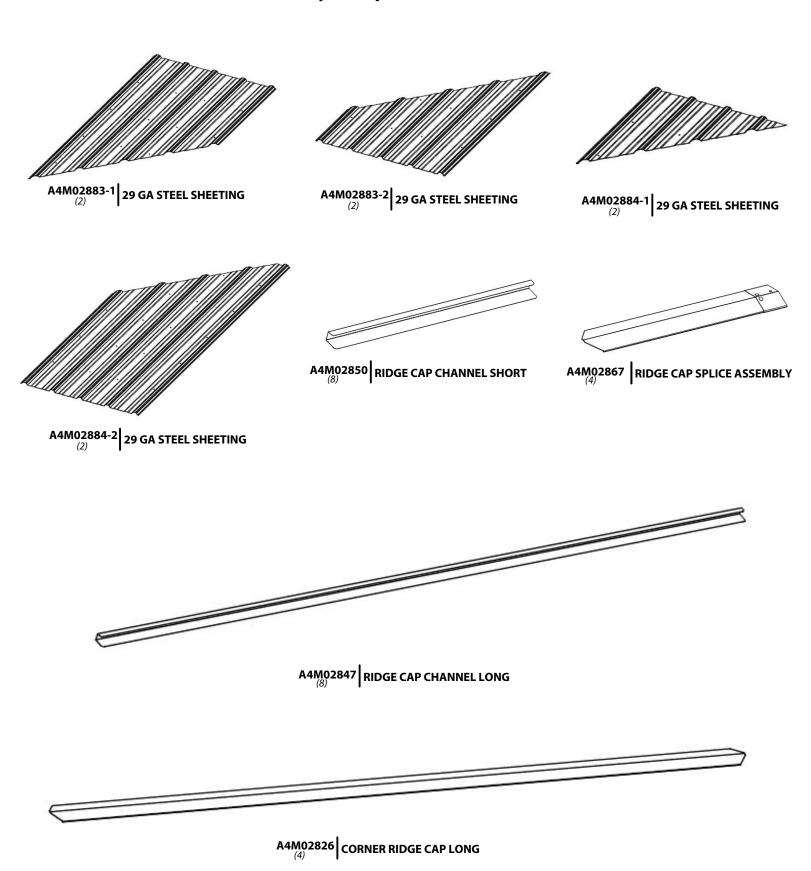






9240063 ELECTRICAL ENCLOSURE

#### **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





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



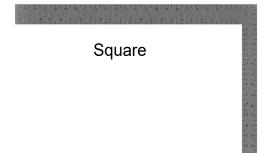
3/8 & 5/16" Nut Drivers



Tape Measure



Claw Hammer





Level 24"



Rubber Mallet -Optional



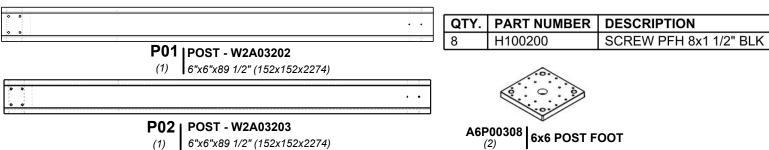
## PRE-ASSEMBLY STEP 3 - CHOOSE YOUR ASSEMBLY METHOD

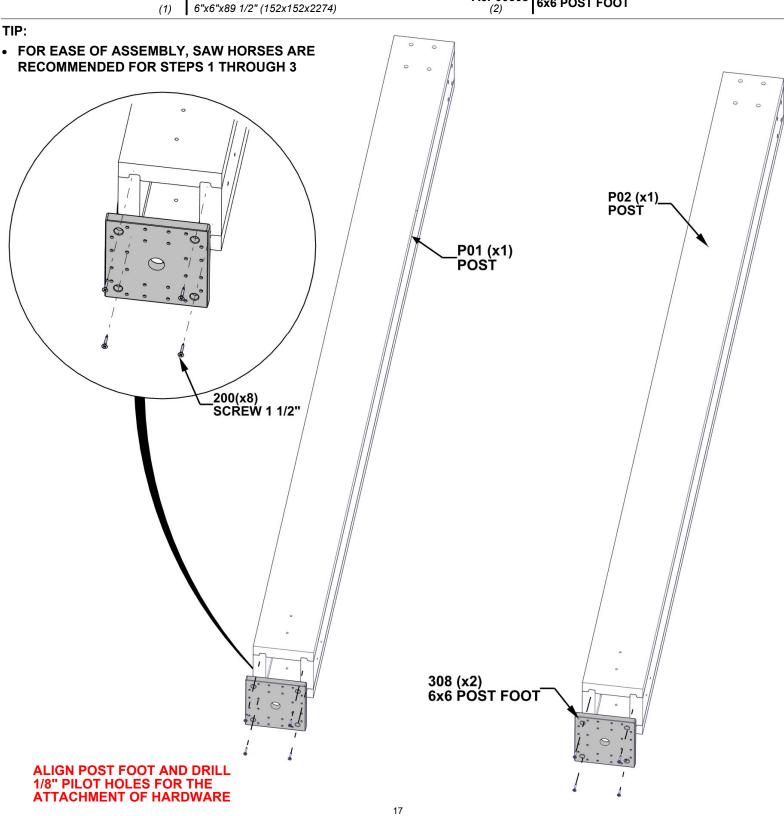
There are several types of assembly instructions available to you.

- 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**





# STEP 2 - 12FT BEAM ASSEMBLY

. 1	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

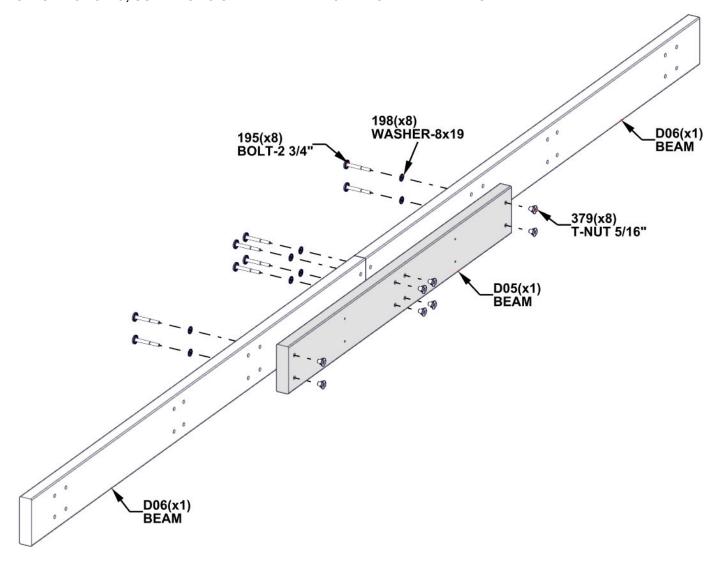
+	•	+ +	+	+	+ +	+ +	+ +
•	*	+ +	•	•	+ +	<b>+ +</b>	+ +

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.



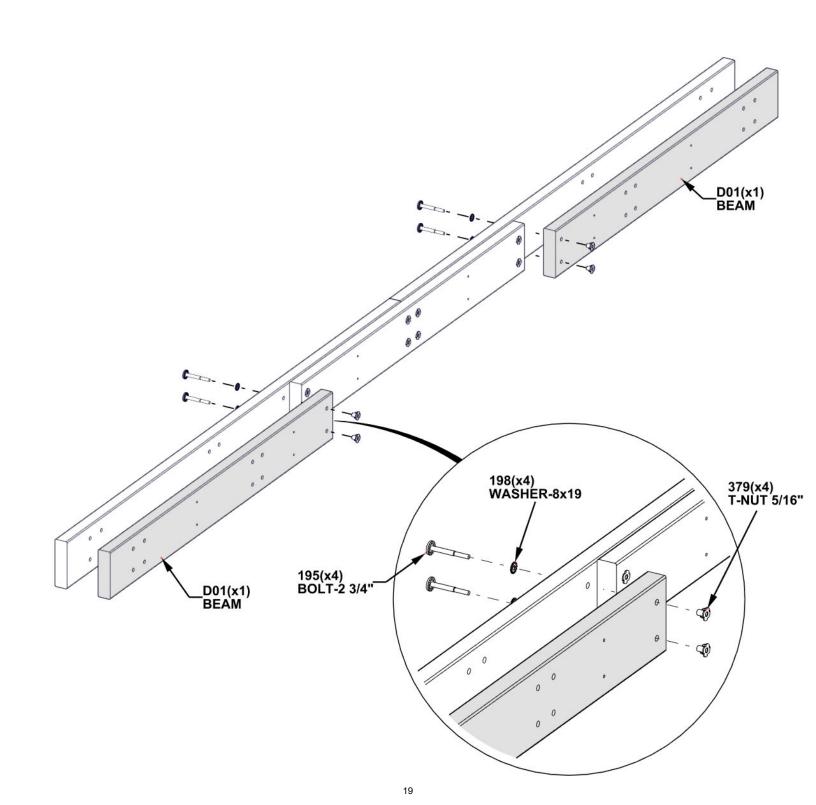
## **STEP 3 - 12FT BEAM ASSEMBLY**

		VOCUMENT		940	12/2
0	•	• •	•	+	+
0				*	+

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

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

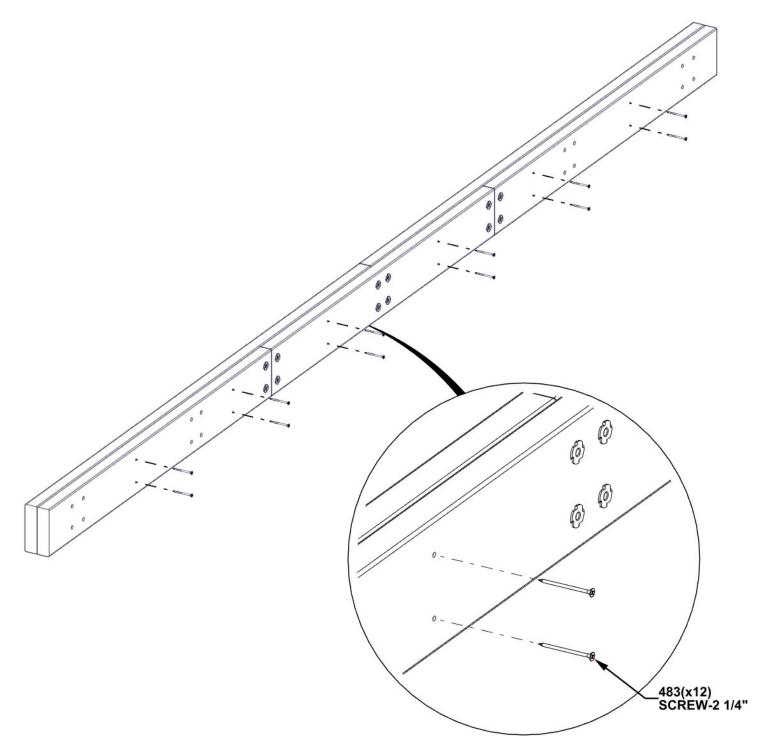
#### **INSERT T-NUTS FIRST**



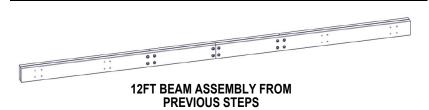
# **STEP 4 - 12FT BEAM ASSEMBLY**



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

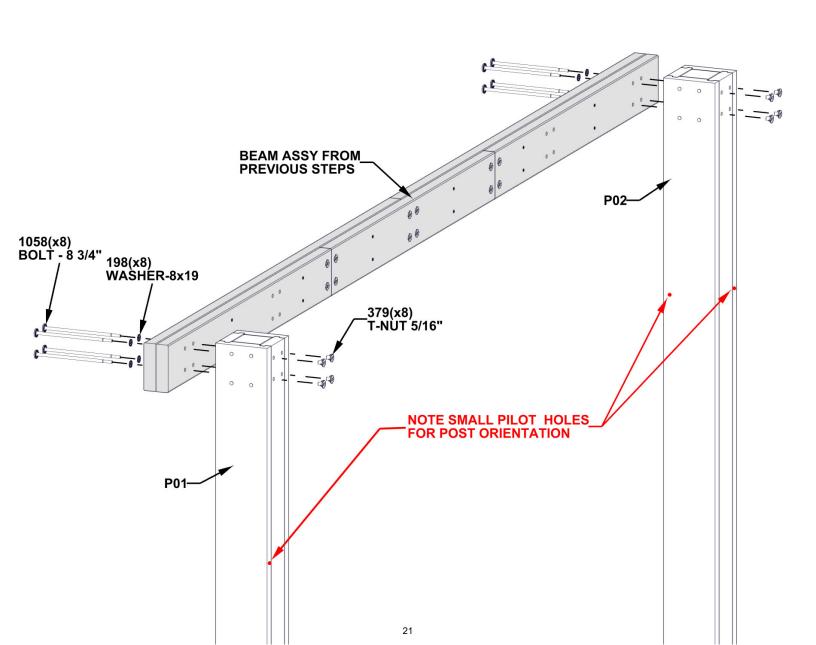


# **STEP 5 - 12FT BEAM ASSEMBLY**

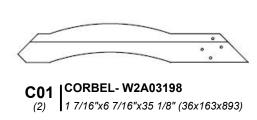


QTY	PART NUMBER	DESCRIPTION
8	H100198	WASHER LOCK EXT 8X19 BLK
8	H100379	T-NUT 5/16" BLK
8	H101058	BOLT WH 5/16x8 3/4 BLK

#### **INSERT T-NUTS FIRST**



# **STEP 6 - 12FT BEAM ASSEMBLY**

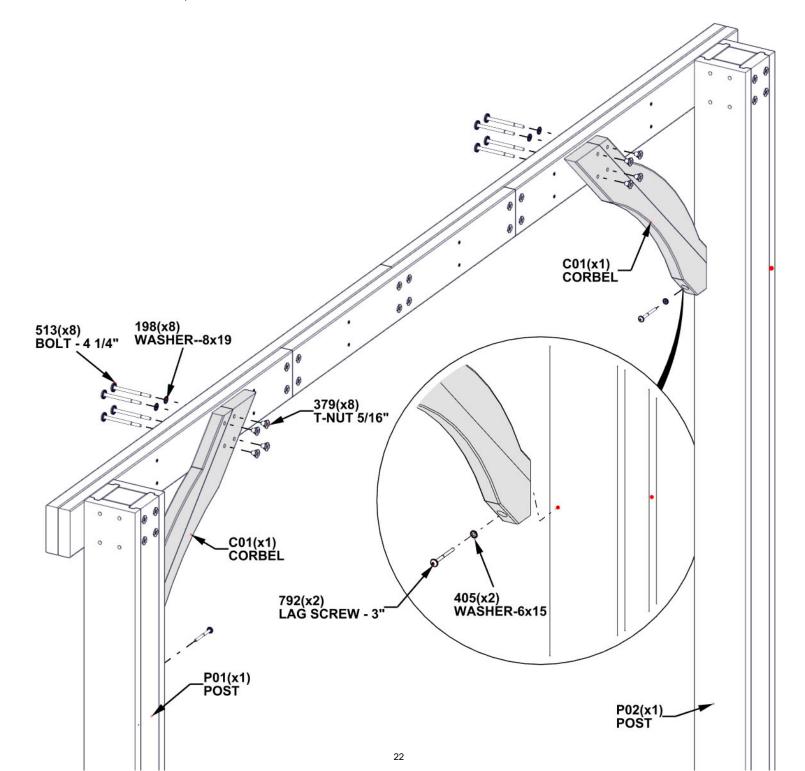


QTY	PART NUMBER	DESCRIPTION
8	H100198	WASHER LOCK EXT 8X19 BLK
8	H100513	BOLT WH 5/16x4 1/4 BLK
8	H100379	T-NUT 5/16" BLK
2	H100405	WASHER LOCK EXT 6X15 BLK
2	H100792	LAG SCREW WH 1/4x3 BLK

#### **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

+	83.5	+ +		+
	(3 <b>.</b> K)	+ +	*	+

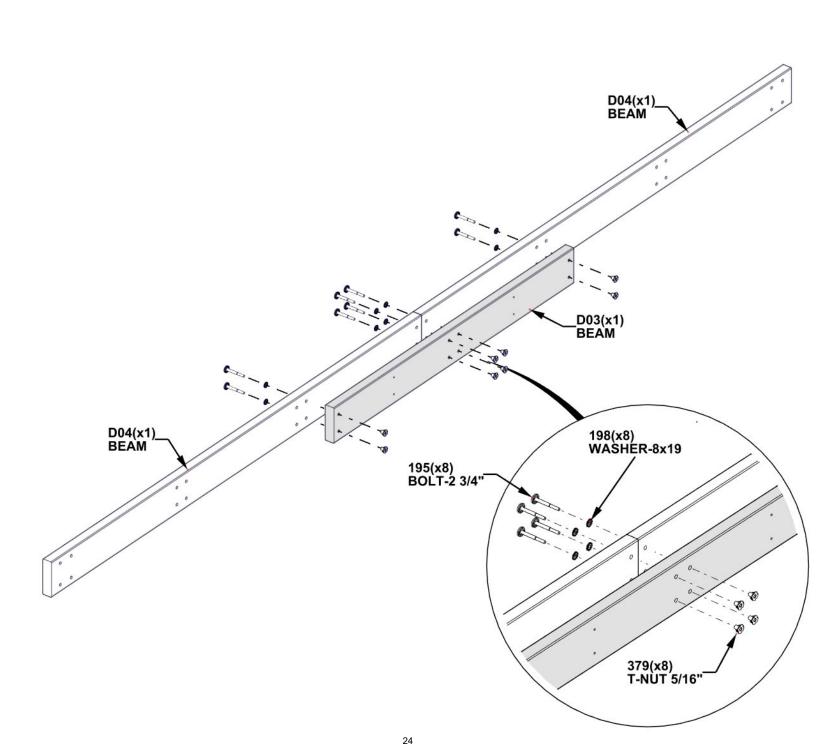
D03 | BEAM - W4L15193

(1) 1 3/8"x5 1/4"x49 15/16" (36x134x1268)

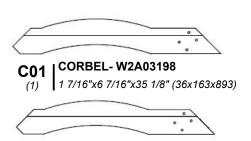
D04 | BEAM - W4L15234

(2) 1 3/8"x5 1/4"x77" (36x134x1956)

#### **INSERT T-NUTS FIRST**



## **STEP 8 - 14FT BEAM ASSEMBLY**



C02	CORBEL W/TAG- W2A03199
(1)	CORBEL W/TAG- W2A03199 1 7/16"x6 7/16"x35 1/8" (36x163x893)

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

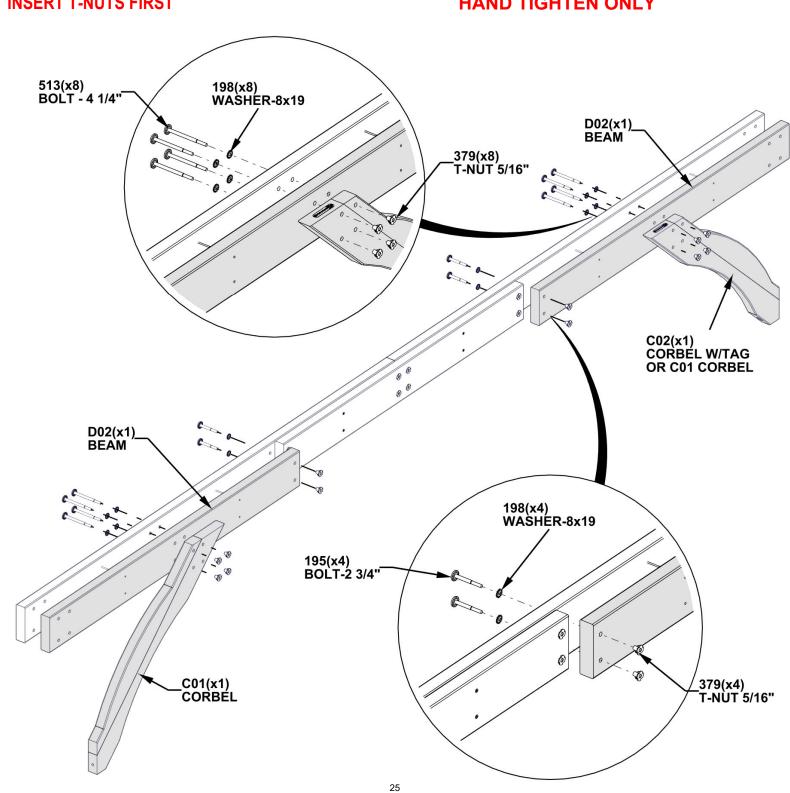
4	+	•	٥	۰	•	+
+	+		0	0	•	+

D02 | BEAM - W4L15191

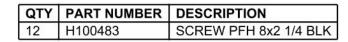
(2) 1 3/8"x5 1/4"x52 1/16" (36x134x1322)

#### **INSERT T-NUTS FIRST**

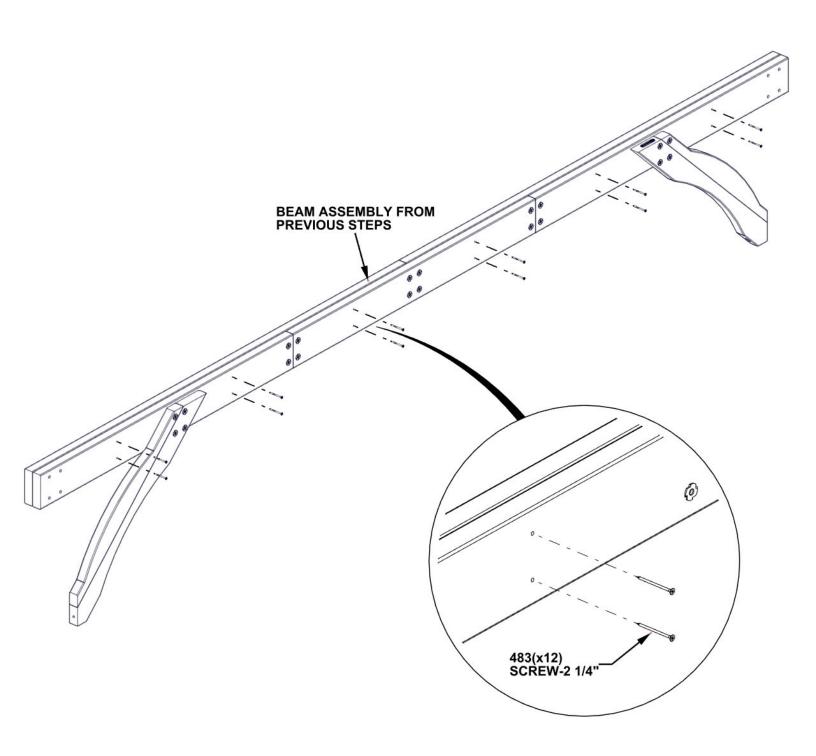
#### HAND TIGHTEN ONLY



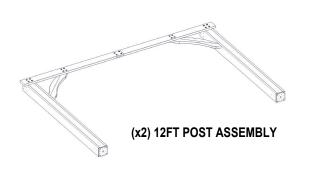
# **STEP 9 - 14FT BEAM ASSEMBLY**







## STEP 10 - 14FT BEAM ASSEMBLY

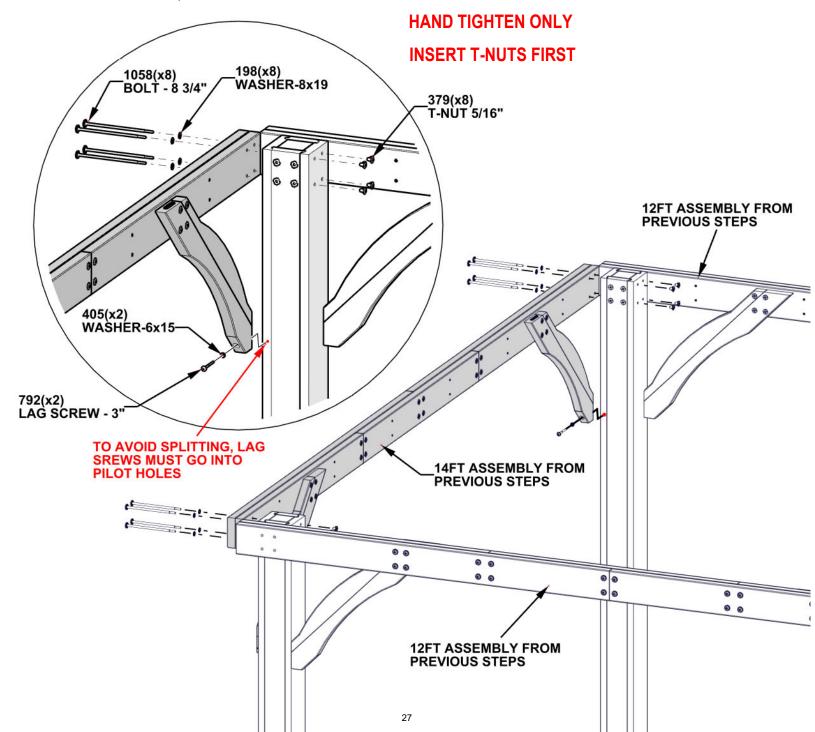


QTY	PART NUMBER	DESCRIPTION
8	H101058	BOLT WH 5/16x8 3/4 BLK
8	H100379	T-NUT 5/16" BLK
8	H100198	WASHER LOCK EXT 8X19 BLK
2	H100792	LAG SCREW WH 1/4x3 BLK
2	H100405	WASHER LOCK EXT 6X15 BLK



#### TIPS:

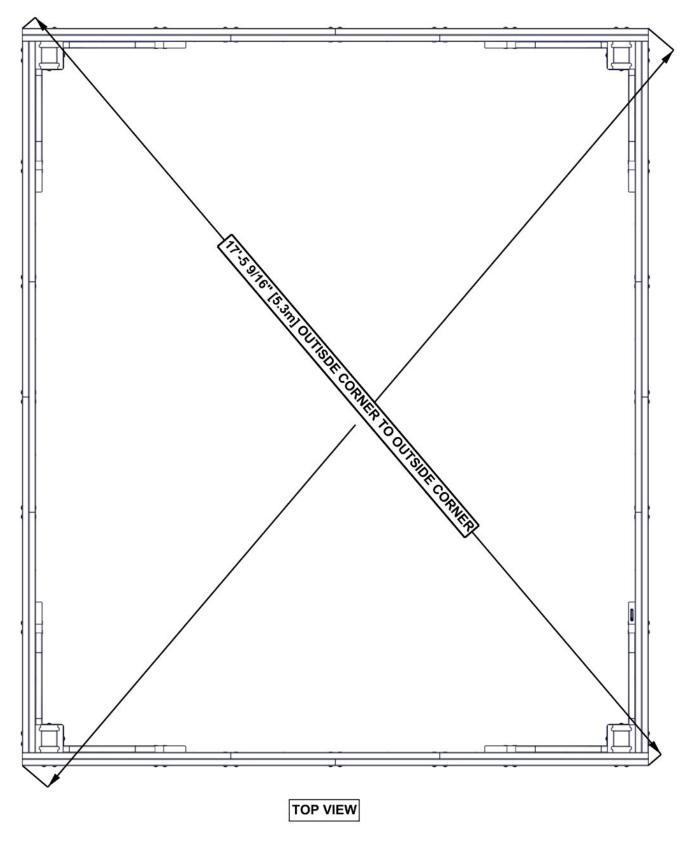
- THREE PEOPLE ARE HELPFUL FOR THIS STEP.
- MOVE THE 12FT POST ASSEMBLIES TO THEIR FINAL LOCATION WITH SOMEONE HOLDING EACH ASSEMBLY UPRIGHT.
- USING A THIRD PERSON, CONNECT THE 14FT BEAM ASSEMBLY TO THE POSTS TO MAKE THE GAZEBO FRAME.



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

# **STEP 11**

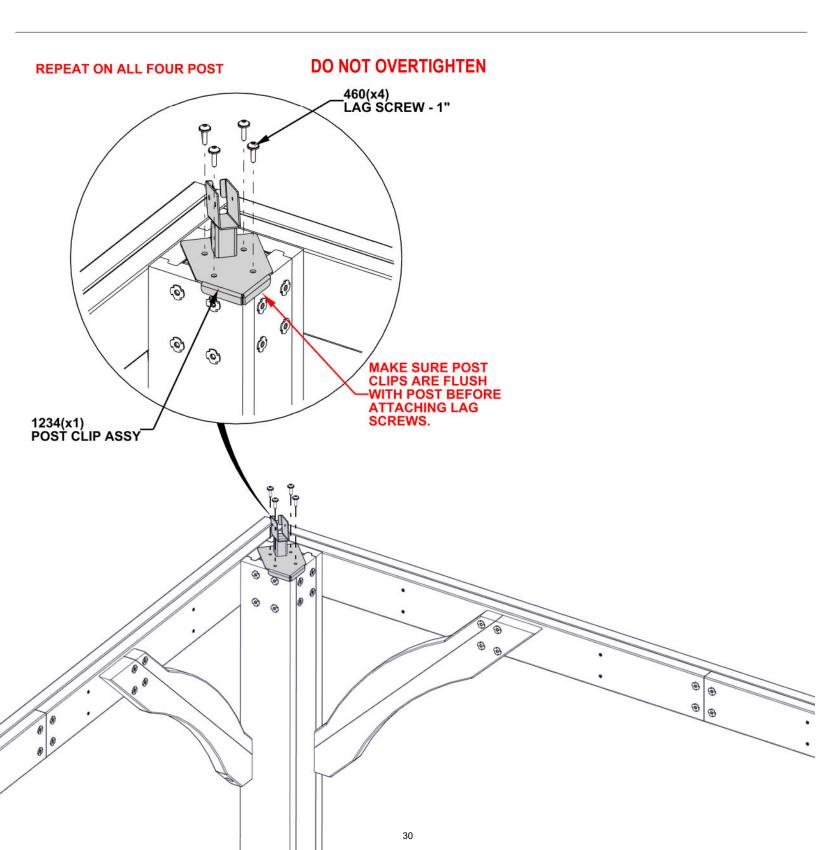
CRITICAL: SQUARE UNIT BEFORE PROCEEDING TO NEXT STEPS.
ONCE SQUARE, TIGHTEN ALL HARDWARE.



## **STEP 12 - ROOF SUPPORT ASSEMBLY**



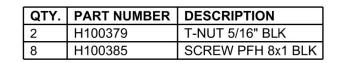
QTY	PART NUMBER	DESCRIPTION
16	H100460	LAG SCREW WH 1/4x1 BLK

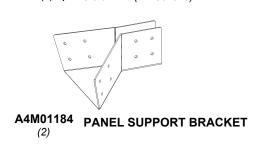


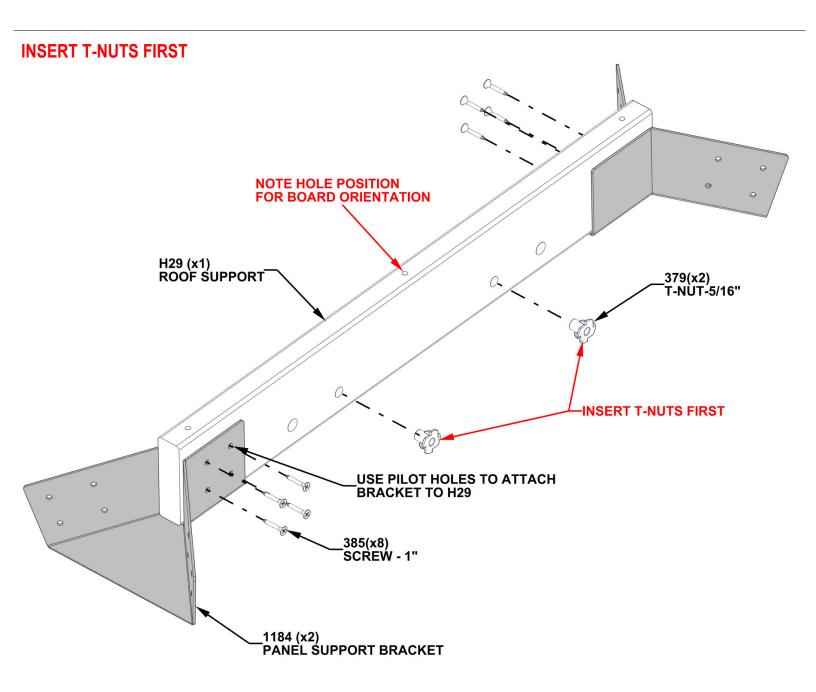
## **STEP 13 - ROOF SUPPORT ASSEMBLY**



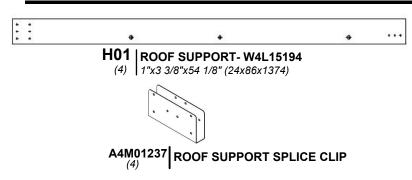
**H29** | ROOF SUPPORT- W4L15160 (1) | 1"x3 3/8"x24" (24x86x610)







### **STEP 14 - ROOF SUPPORT ASSEMBLY**



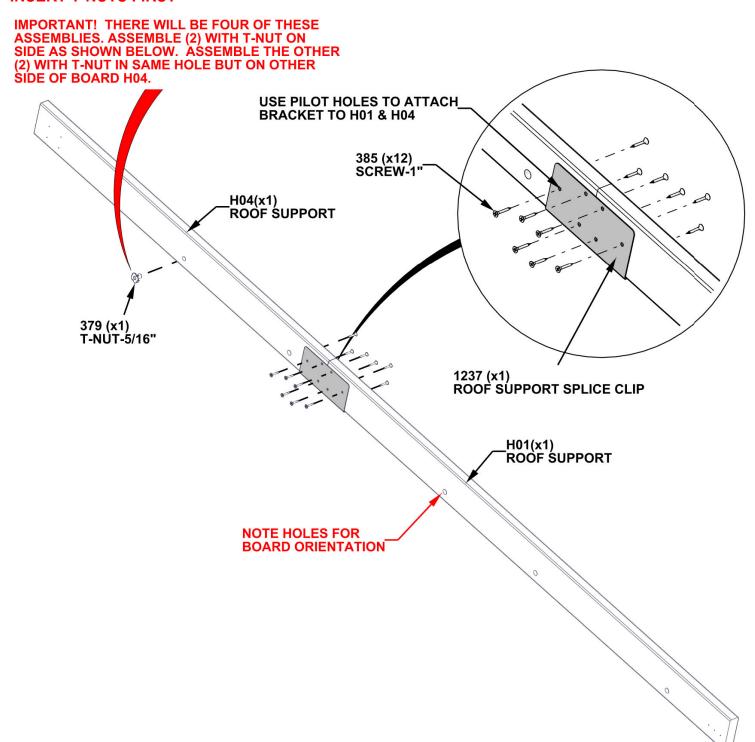


H04 | ROOF SUPPORT - W4L15201 (4) | 1"x3 3/8"x38 13/16" (24x86x986)

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

#### **REPEAT FOUR TIMES**

#### **INSERT T-NUTS FIRST**

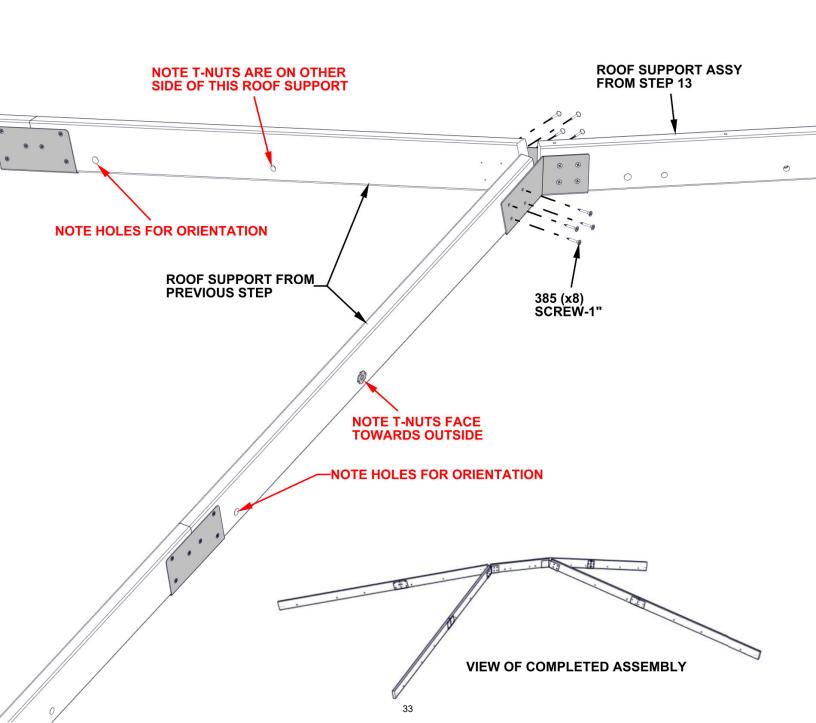


## **STEP 15 - ROOF SUPPORT ASSEMBLY**

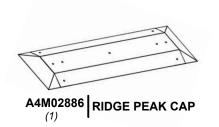


QTY.	PART NUMBER	DESCRIPTION
16	H100385	SCREW PFH 8x1 BLK

#### REPEAT ON OPPOSITE END OF ROOF SUPPORT BOARD



# **STEP 16 - ROOF SUPPORT ASSEMBLY**





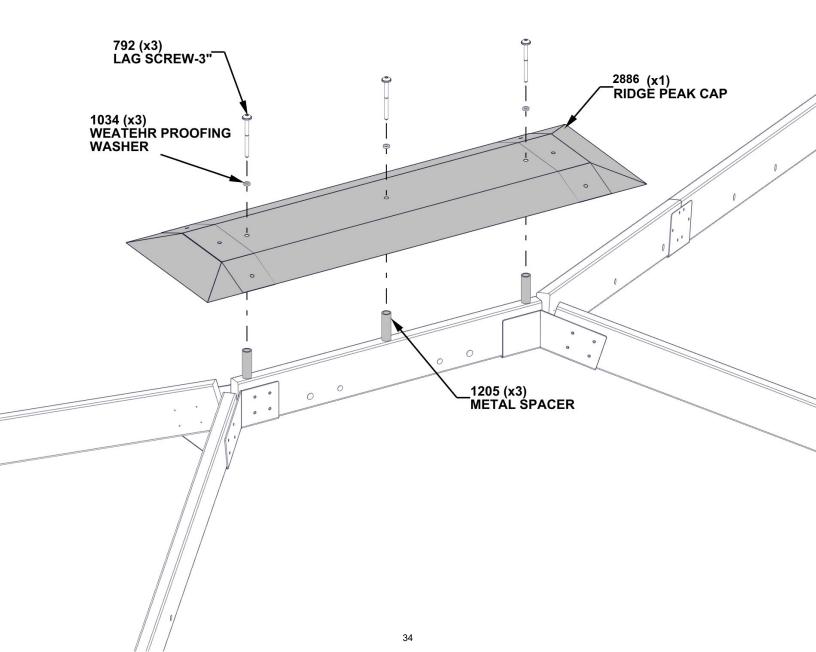
A4M01205	METAL SPACER

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

#### TIPS:

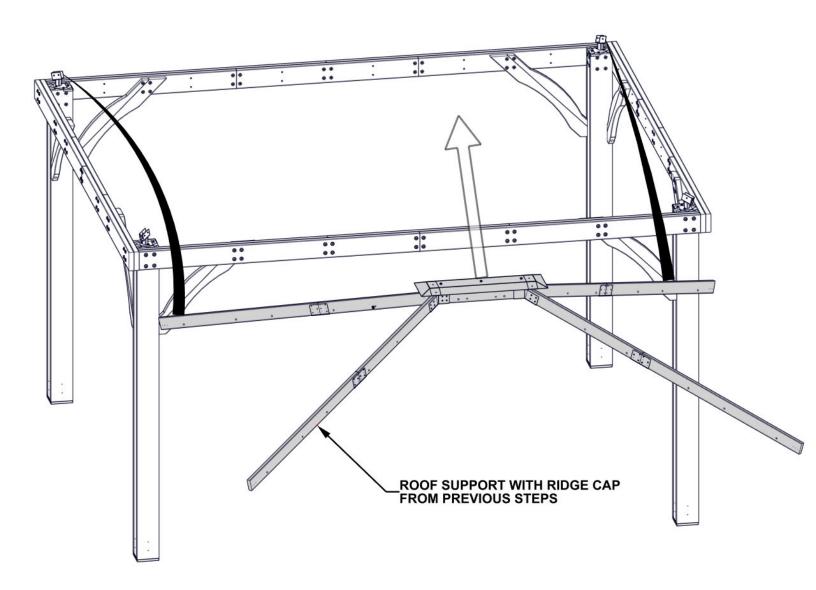
REMOVE PROTECTIVE BLUE FILM BEFORE ASSEMBLY

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



## **STEP 17 - SUPPORT ASSEMBLY**

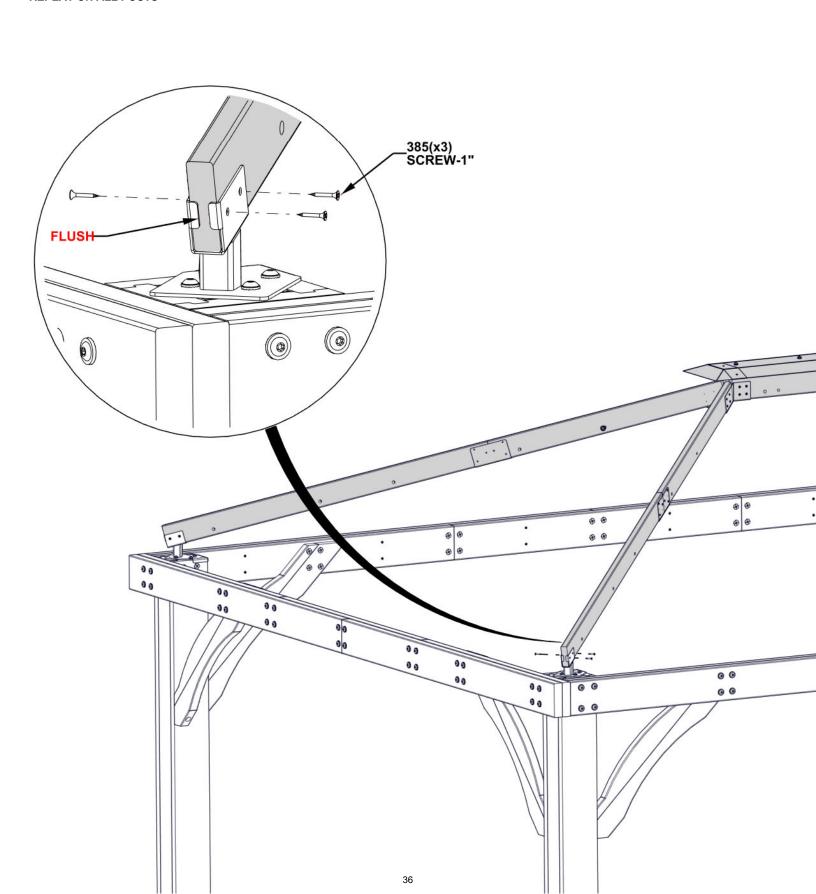
- THREE PEOPLE ARE HELPFUL FOR THIS STEP.
- POSITION A PERSON ON A LADDER IN THE CENTER OF THE BASE.
- LIFT ROOF SUPPORT UP AND OVER THE 14FT SIDE AND INSERT INTO CORNER POST CLIPS.



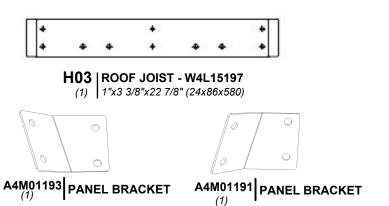
# **STEP 18 - ROOF SUPPORT ASSEMBLY**

QTY	PART NUMBER	DESCRIPTION
12	H100385	SCREW PFH 8x1 BLK

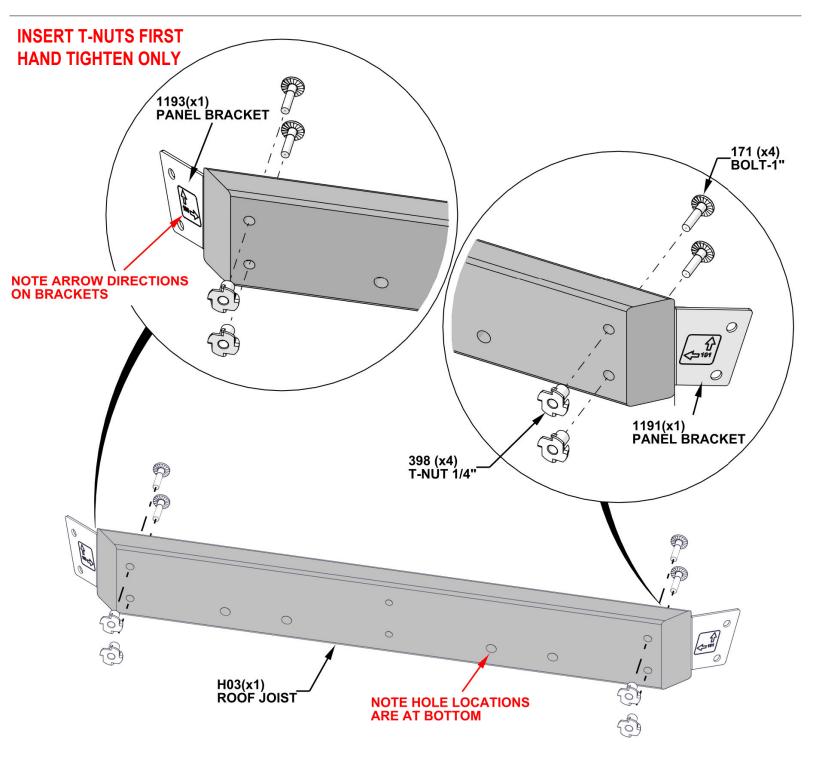
**REPEAT ON ALL POSTS** 



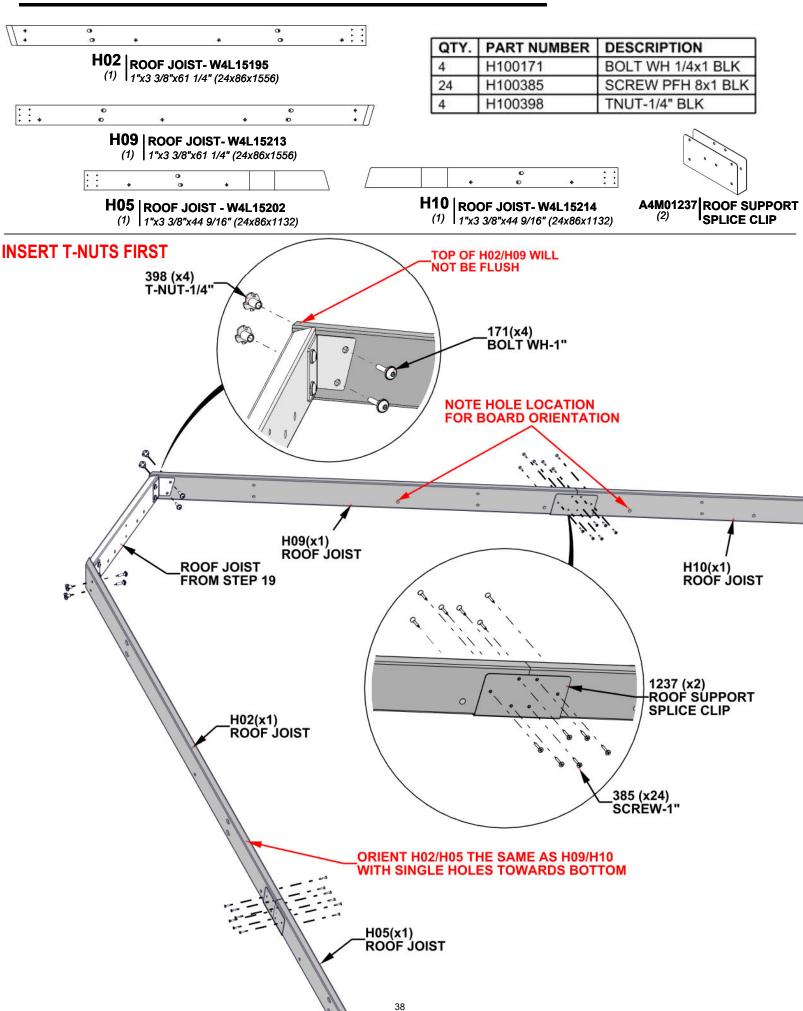
## **STEP 19 - 14FT ROOF PANEL ASSEMBLY**



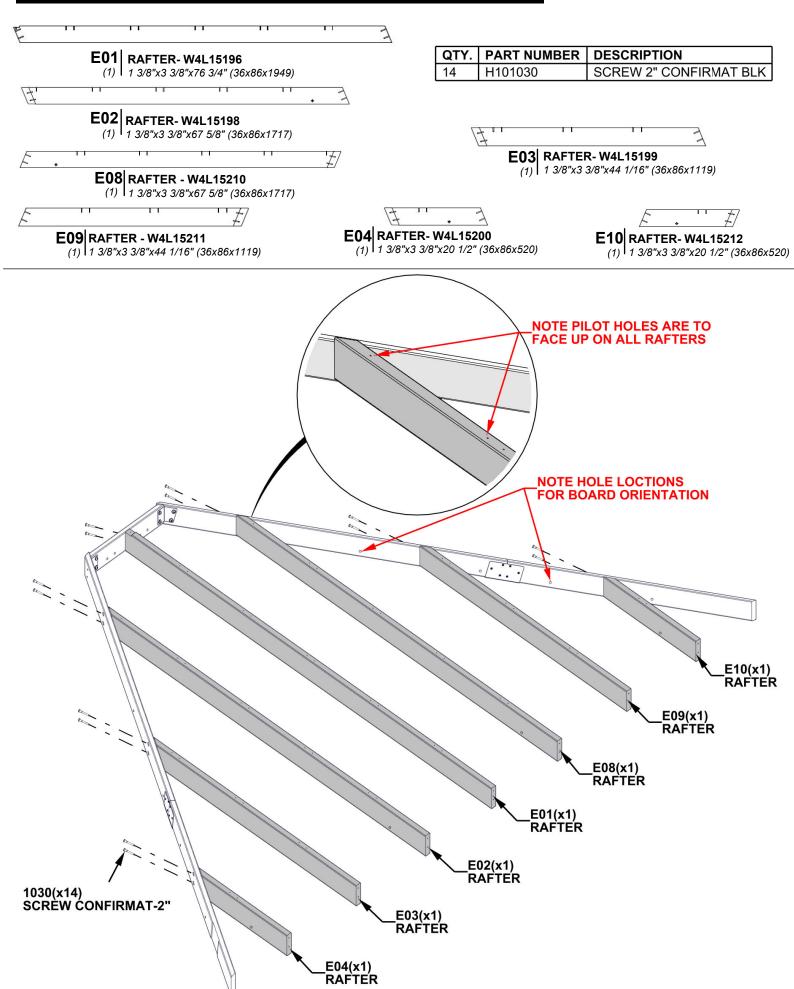
QTY.	PART NUMBER	DESCRIPTION
4	H100171	BOLT WH 1/4x1 BLK
4	H100398	T-NUT 1/4" BLK



#### **STEP 20 - 14FT ROOF PANEL ASSEMBLY**



## **STEP 21 - 14FT ROOF PANEL ASSEMBLY**



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#### **STEP 22A - 14FT ROOF PANEL ASSEMBLY**

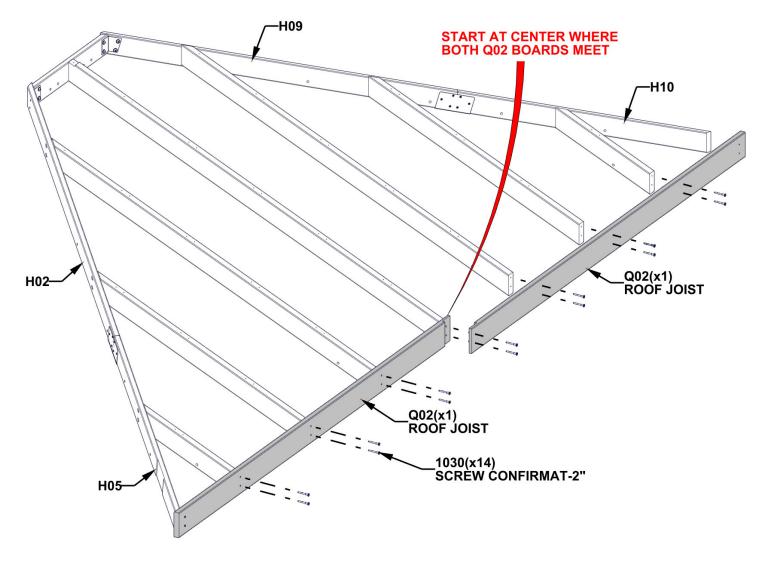
QTY.	PART NUMBER	DESCRIPTION
4	H100382	SCREW PFH 8x1 3/4 BLK
14	H101030	SCREW 2" CONFIRMAT BLK

100	545	681	580	final a
+	•	+	•	<b>+</b>
	+	+	•	
				10 10

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

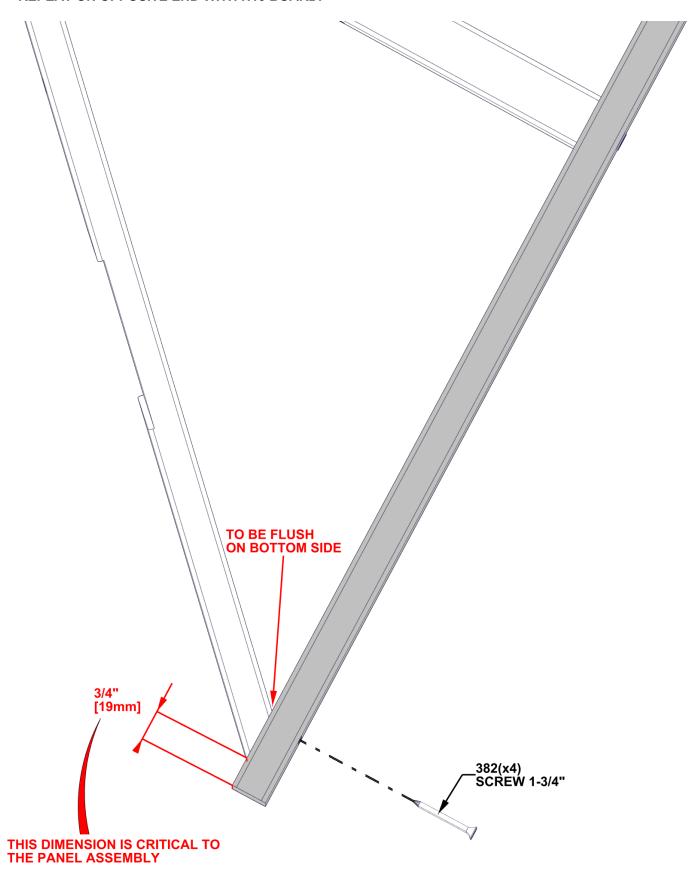
#### TIP:

• RAFTERS MAY NEED TO BE LOOSENED TO ATTACH Q02 TO H05/H10



## **STEP 22B - 14FT ROOF PANEL ASSEMBLY**

- 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.



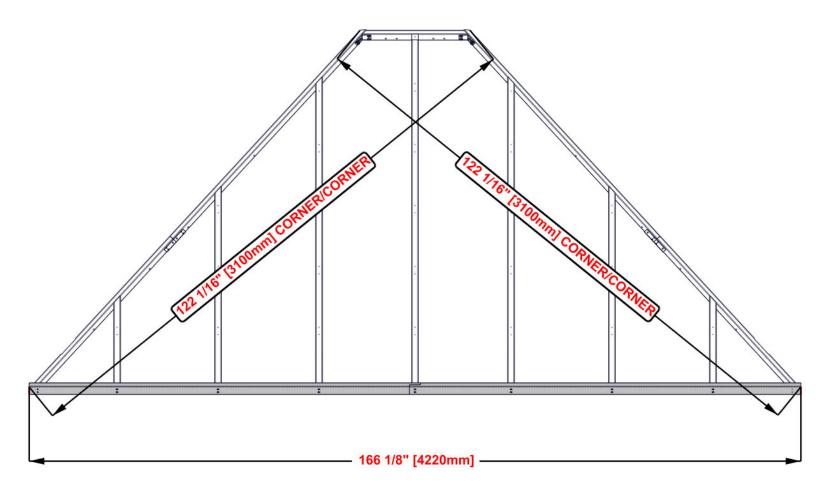
## **STEP 22C - 14FT ROOF PANEL ASSEMBLY**

#### TIP:

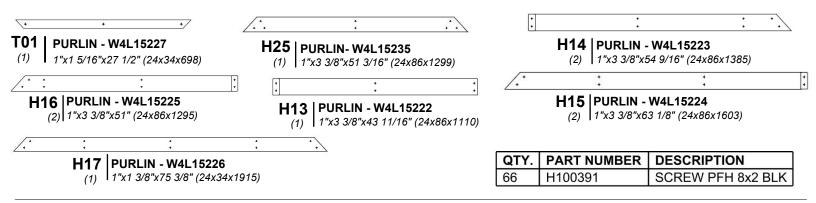
• LOOSEN HARDWARE TO ADJUST FOR SQUARING IF NEEDED

#### **CRITICAL:**

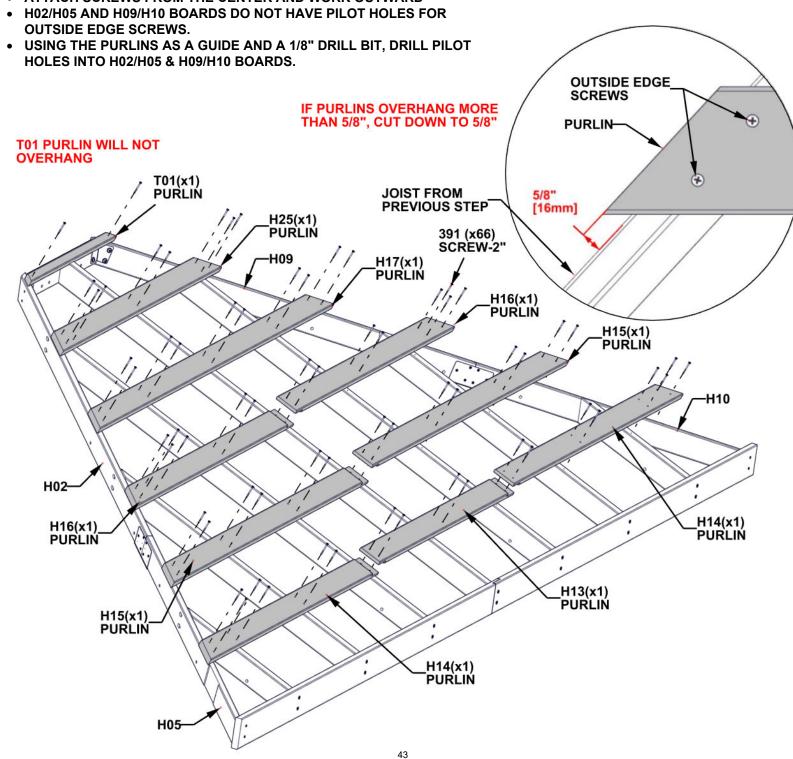
- SQUARE UNIT BEFORE PROCEEDING TO NEXT STEPS.
- THE BELOW DIMENSIONS ARE CRITICAL TO THE FINAL ROOF ASSEMBLY.
- MEASUREMENTS SHOULD BE WITHIN +/- 1/4".
- MEASUREMENTS OUTSIDE OF TOLERANCE WILL LEAD TO THE INABILITY TO ASSEMBLE THE ROOF.



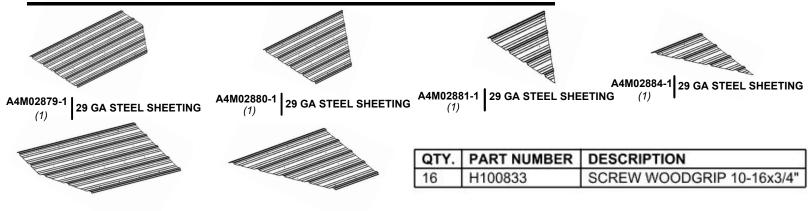
#### **STEP 23 - 14FT ROOF PANEL ASSEMBLY**



- ALIGN PURLIN PILOT HOLES WITH RAFTER PILOT HOLES
- ATTACH SCREWS FROM THE CENTER AND WORK OUTWARD



#### STEP 24 - 14FT ROOF PANEL ASSEMBLY



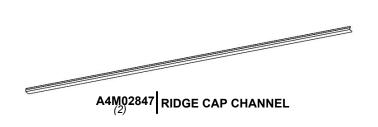
A4M02882-1 29 GA STEEL SHEETING (1) 29 GA STEEL SHEETING (1) 29 GA STEEL SHEETING

#### 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. OVERLAP SHEETING** WARNING: GLOVES ARE RECOMMENDED BY ONE RIDGE WHEN HANDLING STEEL ROOF PIECES **PURLIN** Q02 **SHEETING TO** BE FLUSH 2881-1(x 1) 29GA SHÉETING 2880-1 (x 1) 29GA SHÉETING Q02 2879-1 (x 1) 29GA SHÉÉTING 2882-1 (x 1) 29GA SHÉETING 2883-1 (x 1) 29GA SHEETING Q02 2884-1 (x 1) 29GA SHÉETING

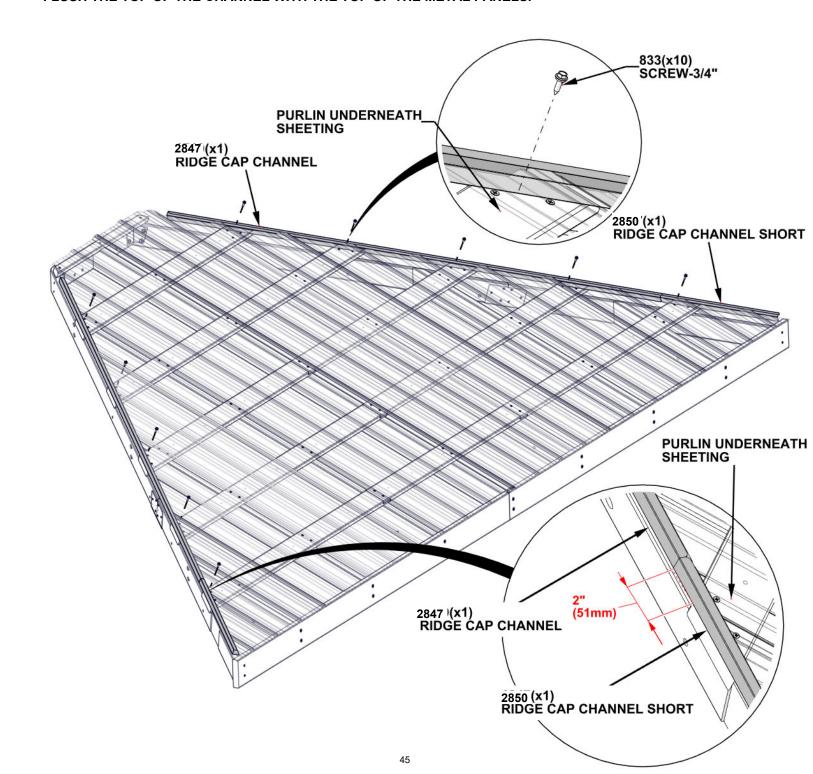
## **STEP 25 - 14FT ROOF PANEL ASSEMBLY**



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

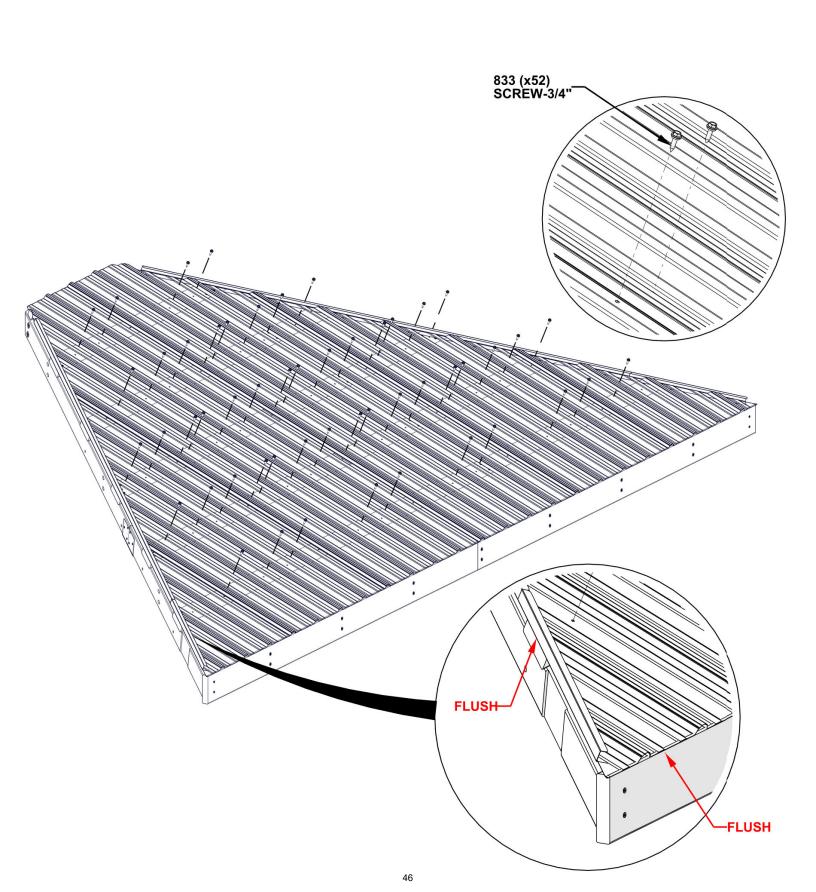
A4M02850 RIDGE CAP CHANNEL SHORT

- 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.



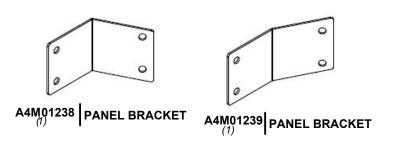
# **STEP 26 - 14FT ROOF PANEL ASSEMBLY**

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

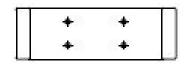


## REPEAT 14FT ROOF PANEL ASSEMBLY STEPS 19 THROUGH 26

## **STEP 27 - 12FT ROOF PANEL ASSEMBLY**

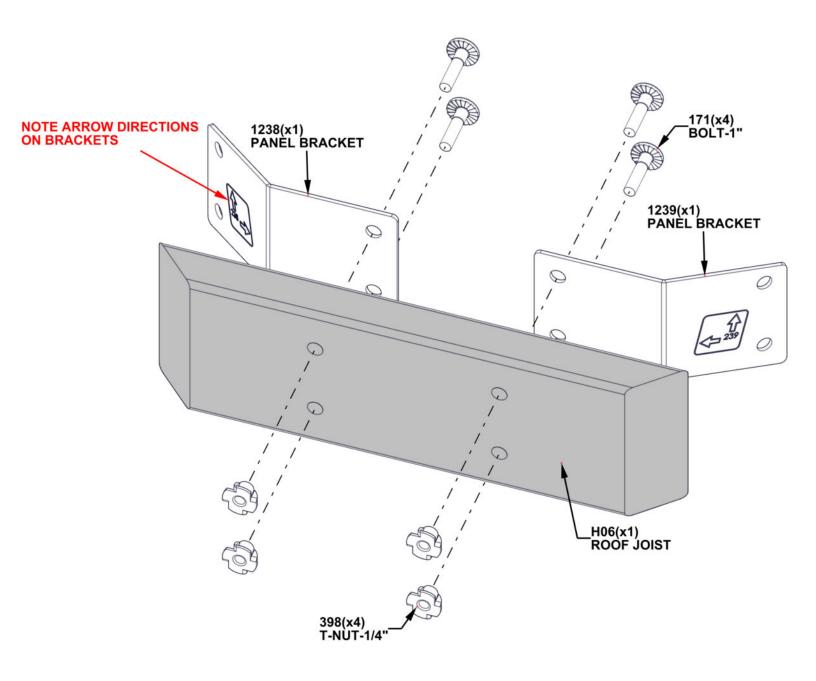


QTY.	PART NUMBER	DESCRIPTION
4	H100171	BOLT WH 1/4x1 BLK
4	H100398	T-NUT 1/4 BLK

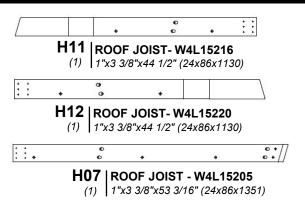


**H06** | ROOF JOIST - W4L15203 (1) | 1"x3 3/8"x10 11/16" (24x86x272)

# INSERT T-NUTS FIRST HAND TIGHTEN ONLY



## STEP 28 - 12FT ROOF PANEL ASSEMBLY



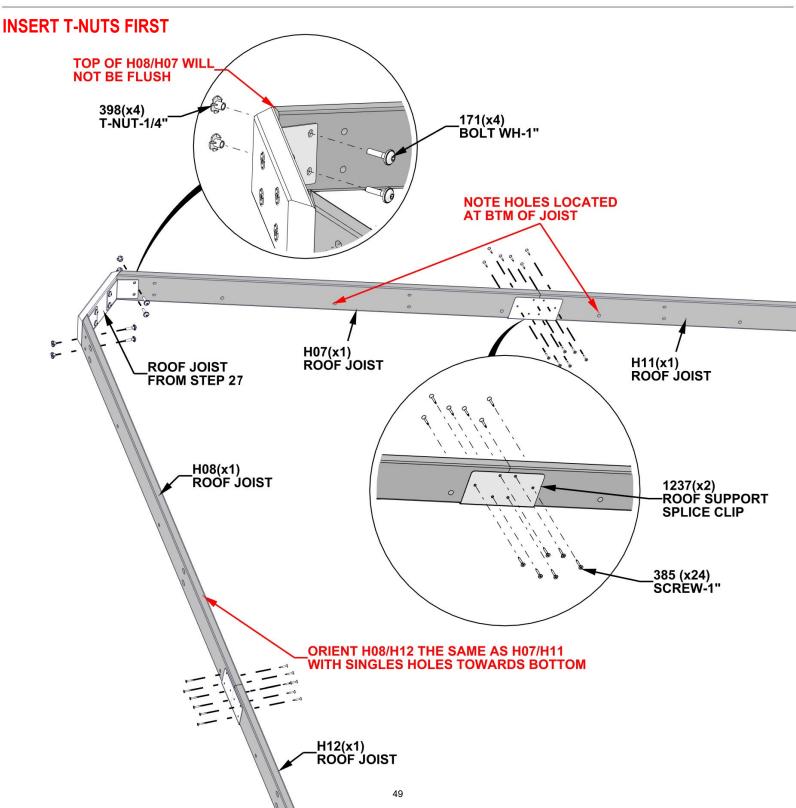
QTY.	PART NUMBER	DESCRIPTION
4	H100171	BOLT WH 1/4x1 BLK
24	H100385	SCREW PFH 8x1 BLK
4	H100398	T-NUT 1/4 BLK

100 **.** : :

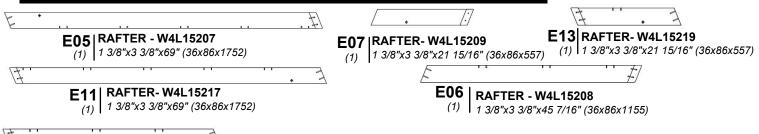
> H08 | ROOF JOIST - W4L15206 (1) 1"x3 3/8"x53 3/16" (24x86x1351)



A4M01237 ROOF SUPPORT SPLICE CLIP

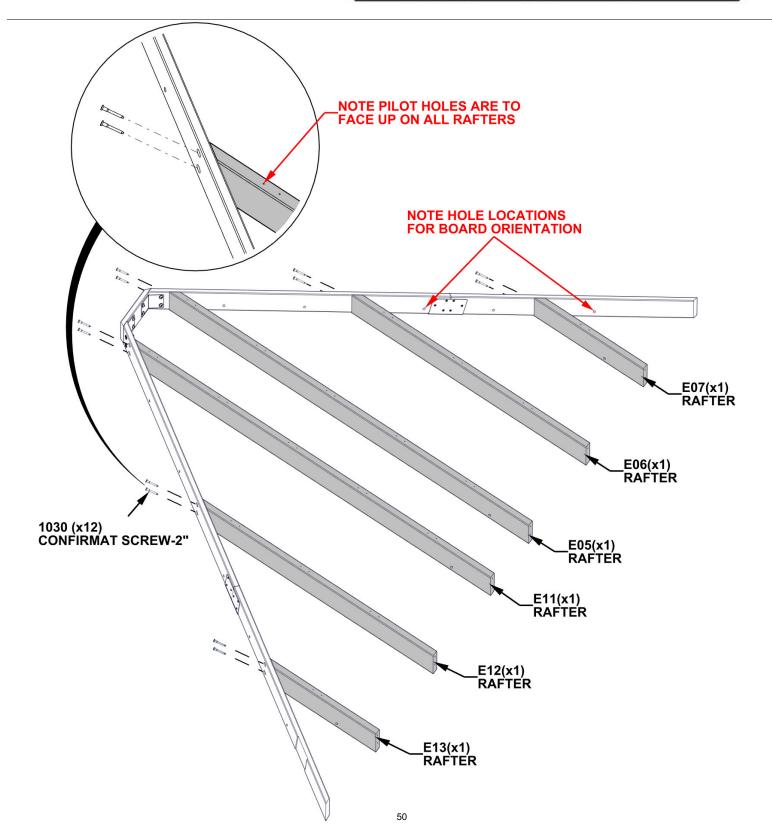


## **STEP 29 - 12FT ROOF PANEL ASSEMBLY**



E12 | RAFTER W4L15218 (1) | 1 3/8"x3 3/8"x45 7/16" (36x86x1155)

Q	TY.	PART NUMBER	DESCRIPTION
12	2	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

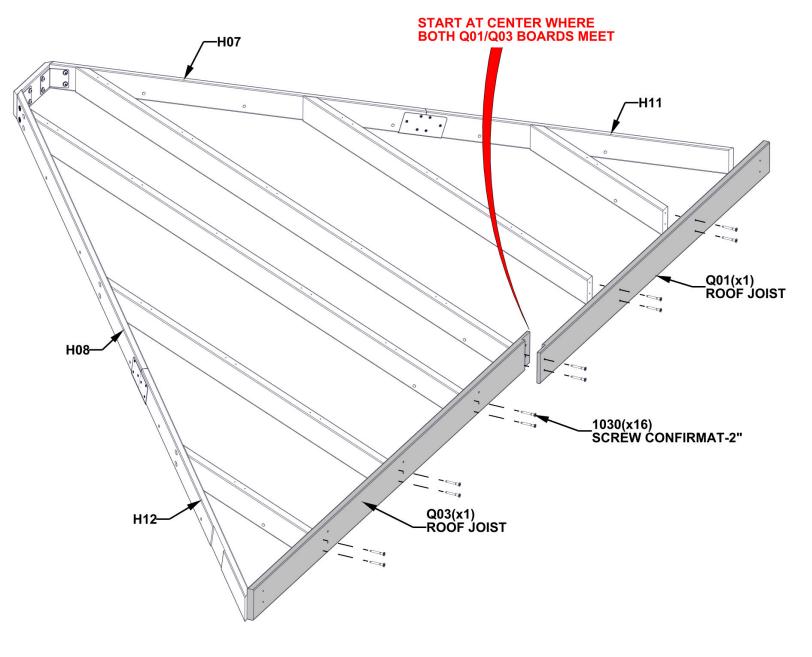
	O03 1800	F JOIST- W4I 1522	1			001 IROOF	IOIST- W4I 15204	
•	<u> </u>	· ·		1	:	<u> </u>	<u> </u>	Ţ,
					1	on on		

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

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

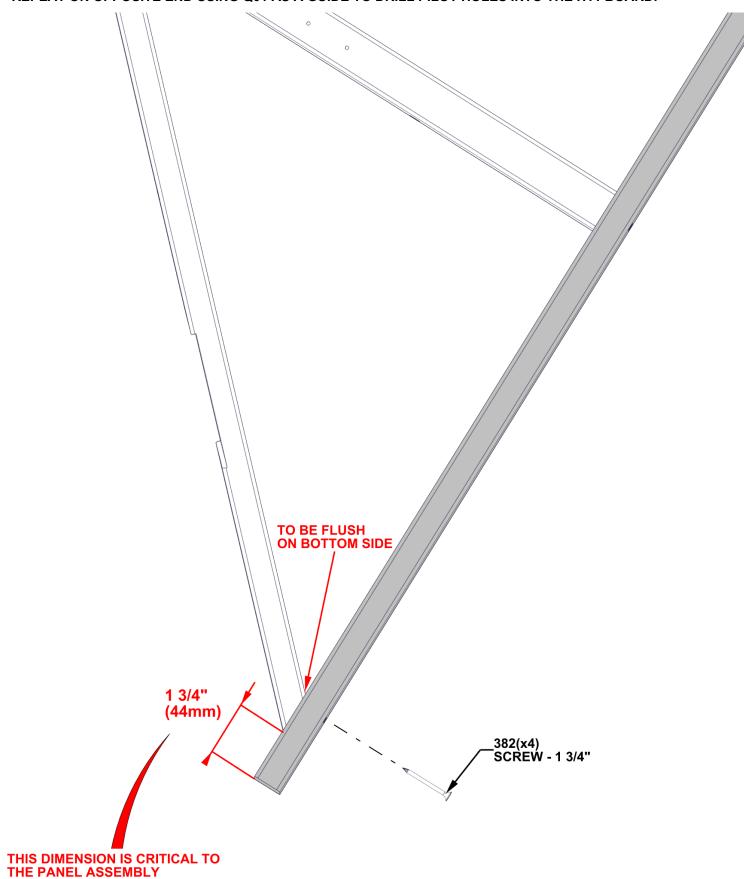
#### TIP:

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



## **STEP 30B - 12FT ROOF PANEL ASSEMBLY**

- 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.



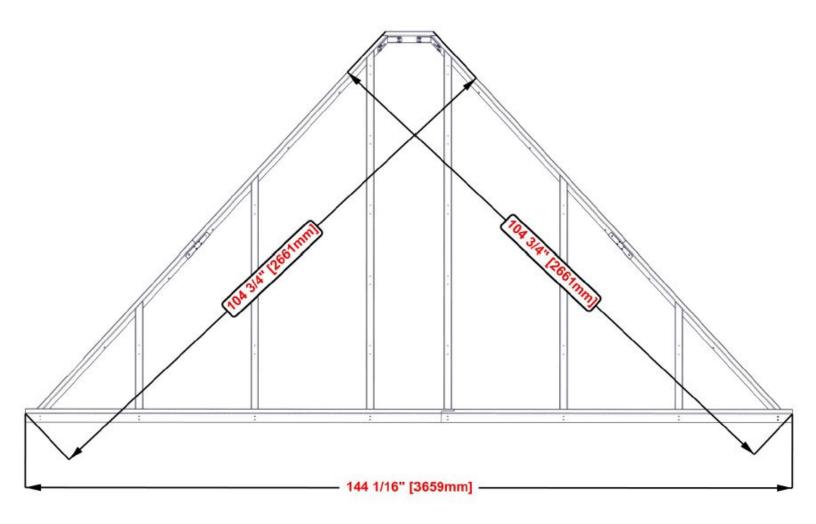
## **STEP 30C - 12FT ROOF PANEL ASSEMBLY**

#### TIP:

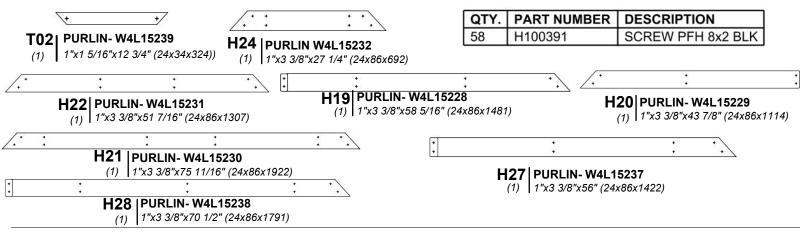
• LOOSEN HARDWARE TO ADJUST FOR SQUARING IF NEEDED

#### **CRITICAL:**

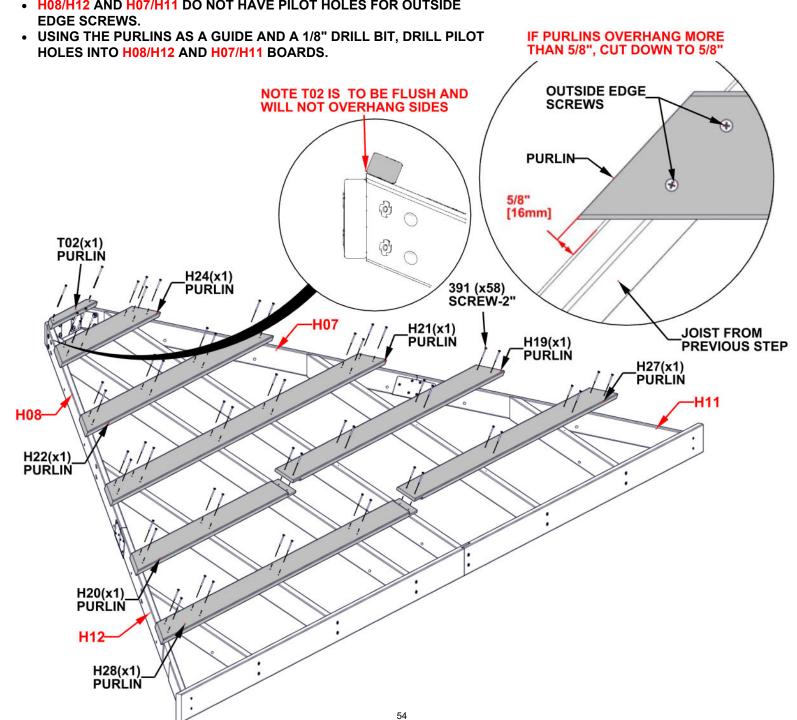
- SQUARE UNIT BEFORE PROCEEDING TO NEXT STEPS.
- THE BELOW DIMENSIONS ARE CRITICAL TO THE FINAL ROOF ASSEMBLY.
- MEASUREMENTS SHOULD BE WITHIN +/- 1/4".
- MEASUREMENTS OUTSIDE OF TOLERANCE WILL LEAD TO THE INABILITY TO ASSEMBLE THE ROOF.



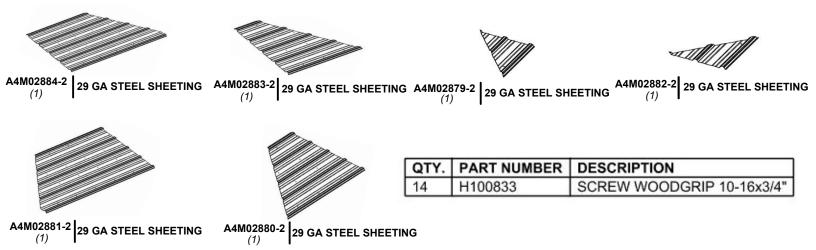
#### STEP 31 - 12FT ROOF PANEL ASSEMBLY



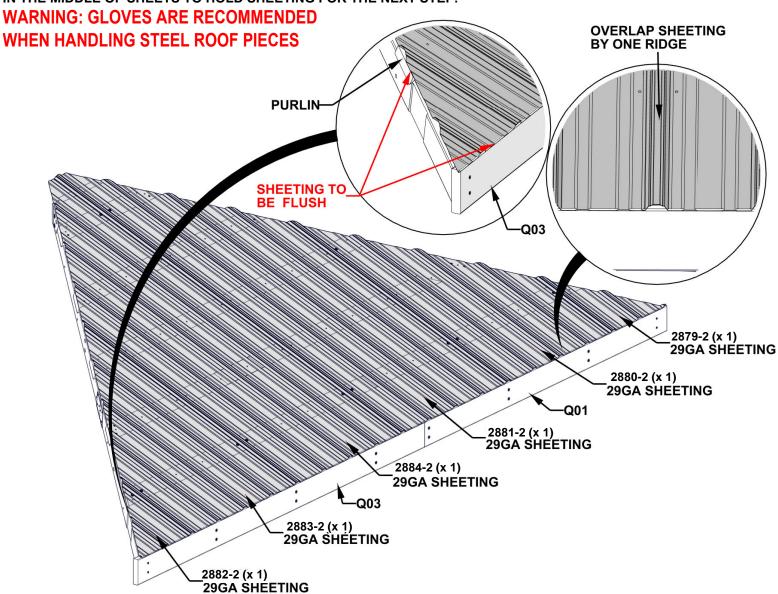
- ALIGN PURLIN PILOT HOLES WITH RAFTER PILOT HOLES
- ATTACH SCREWS FROM THE CENTER AND WORK OUTWARD
- H08/H12 AND H07/H11 DO NOT HAVE PILOT HOLES FOR OUTSIDE



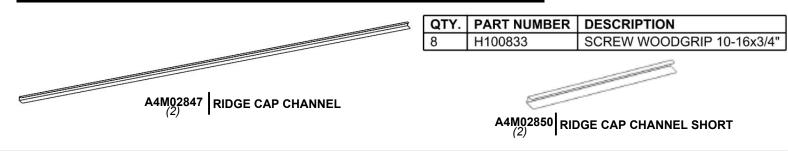
#### **STEP 32 - 12FT ROOF PANEL ASSEMBLY**



- 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.

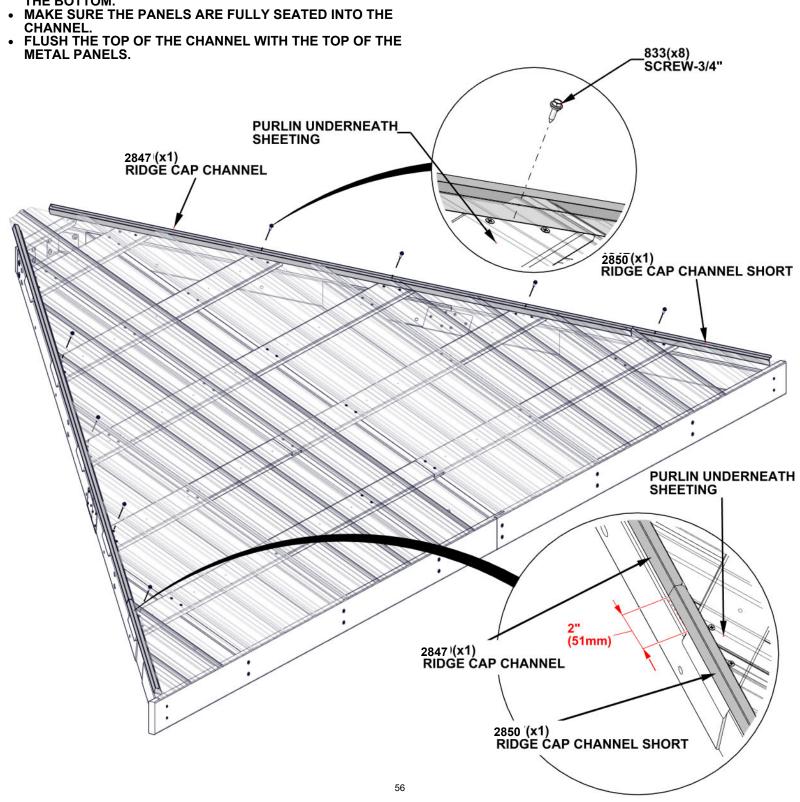


## **STEP 33 - 12FT ROOF PANEL ASSEMBLY**



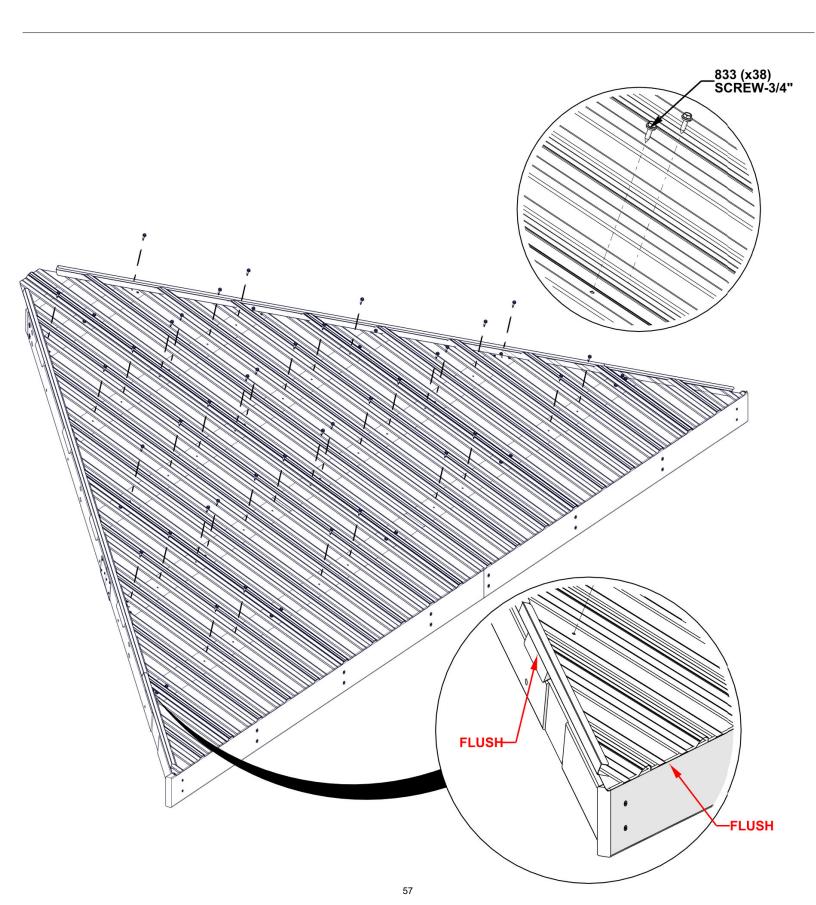
#### TIPS:

 POSITION THE RIDGE CAP CHANNEL OVER THE EDGE OF THE ROOF PANELS WITH THE WIDER SIDE OF THE CHANNEL ON THE BOTTOM.



# **STEP 34 - 12FT ROOF PANEL ASSEMBLY**

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



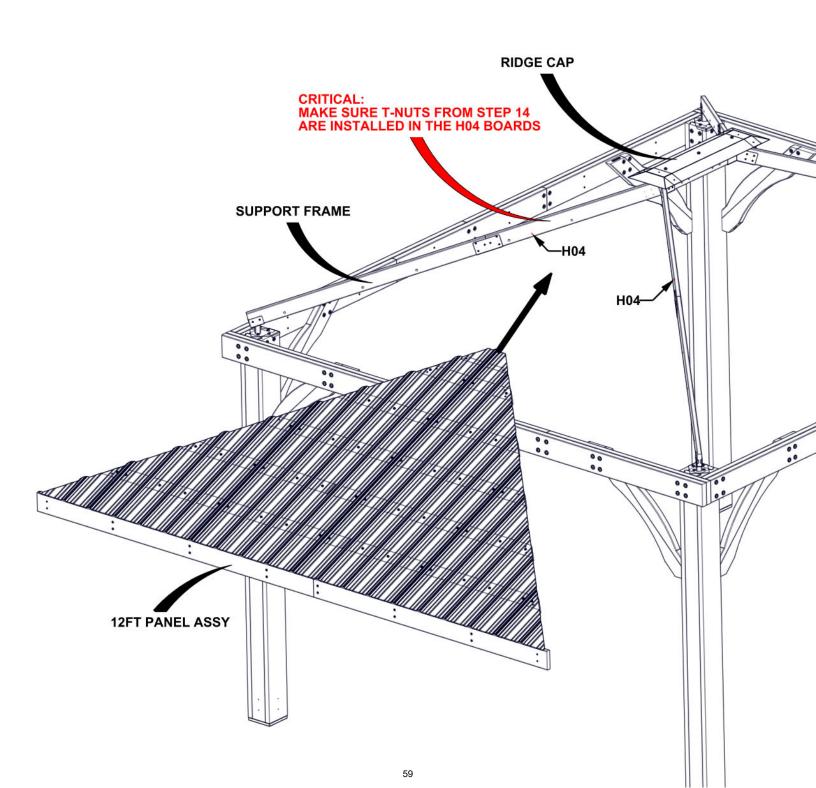
### REPEAT 12FT ROOF PANEL ASSEMBLY STEPS 27 THROUGH 34

## **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.

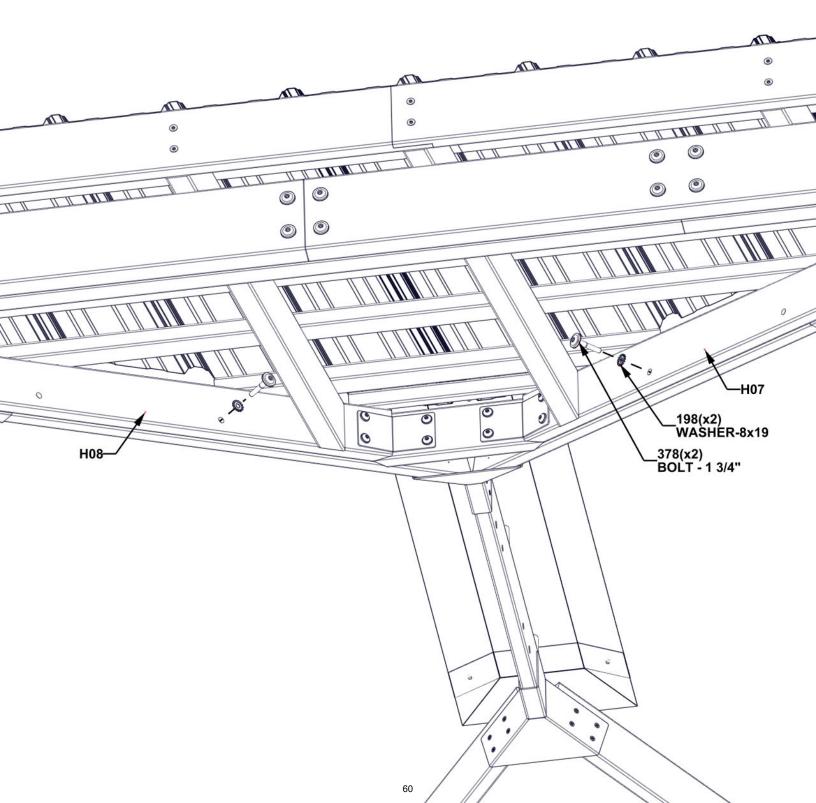
WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL ROOF PIECES



## **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

- 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



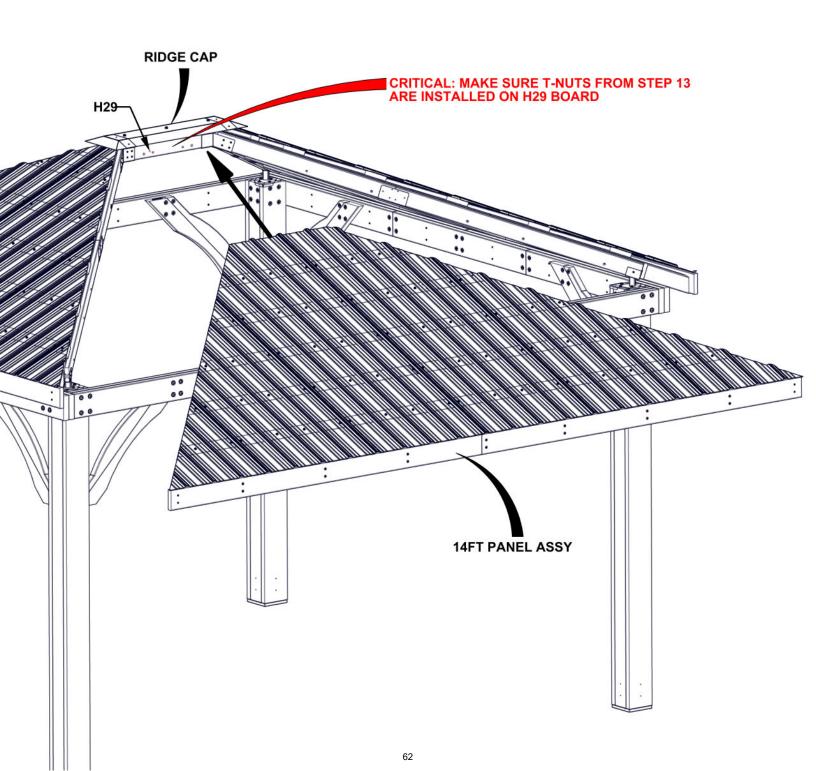
# REPEAT 12FT ROOF PANEL INSTALLATION STEPS 35A & 35B

# **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

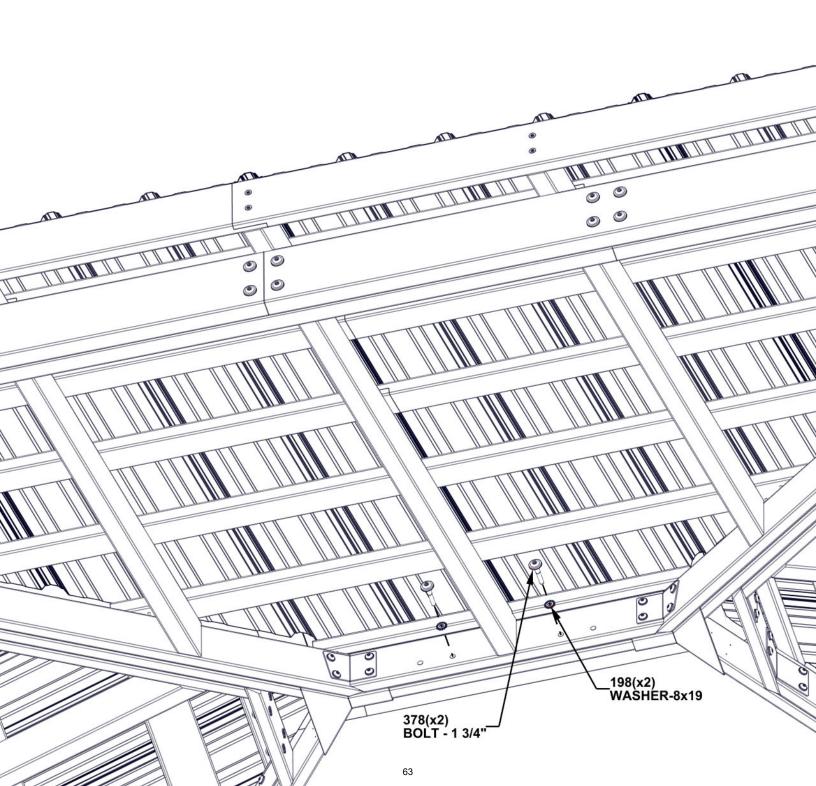


# **STEP 36B - 14FT ROOF PANEL ATTACHMENT**

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

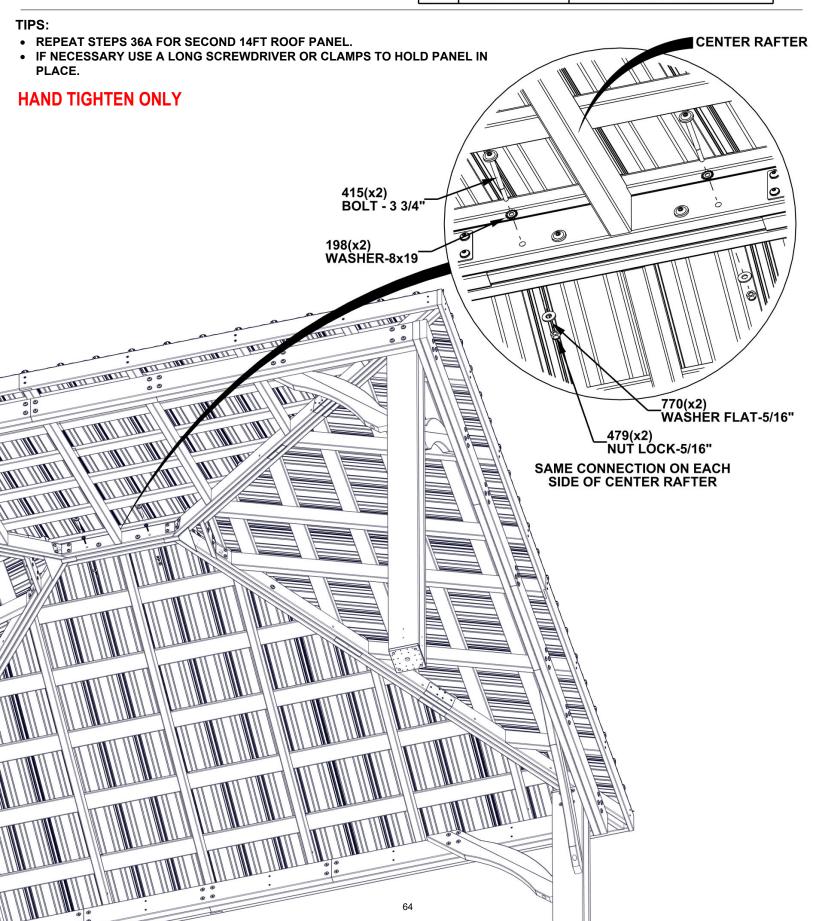
#### TIPS:

• IF NECESSARY, USE A LONG SCREWDRIVER OR CLAMPS TO HOLD PANELS IN PLACE.



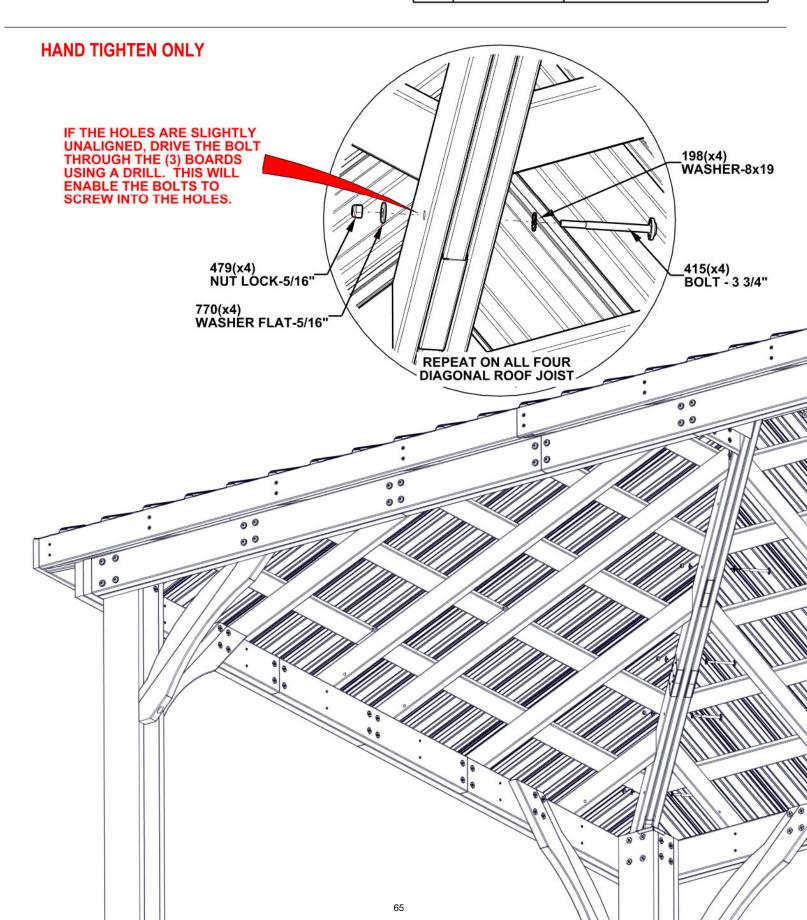
## **STEP 37A - 14FT ROOF PANEL ATTACHMENT**

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



## **STEP 37B - 14FT ROOF PANEL ATTACHMENT**

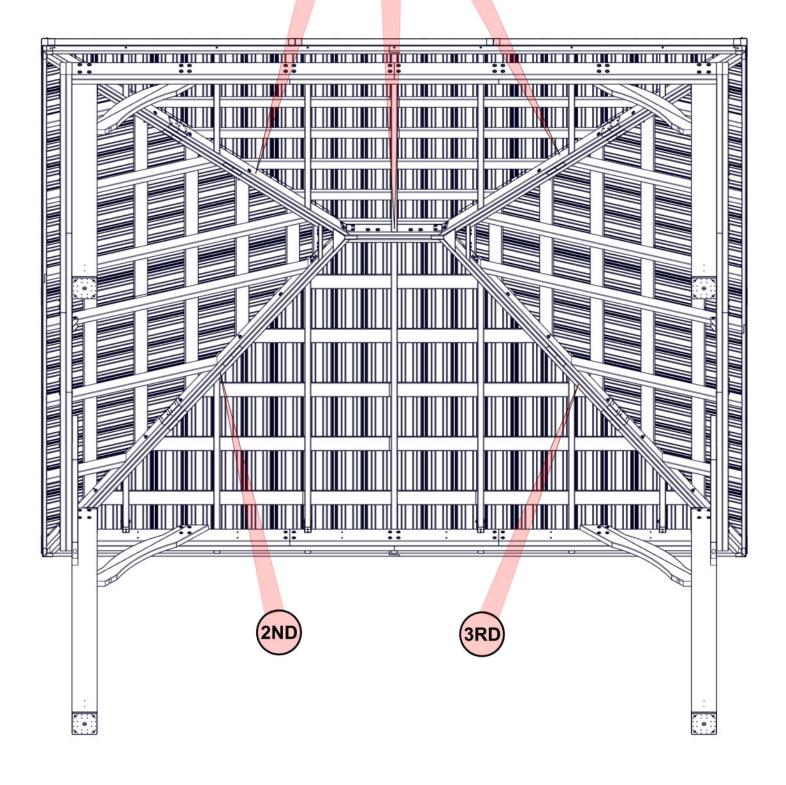
QTY	PART NUMBER	DESCRIPTION
16	H100198	WASHER LOCK EXT 8X19 BLK
16	H100415	BOLT WH 5/16x3 3/4 BLK
16	H100479	NUT LOCK 5/16 BLK
16	H100770	WASHER FLAT 5/16 BLK



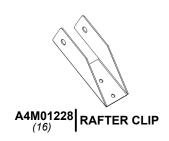
#### **STEP 38 - ROOF PANEL ATTACHMENT**

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



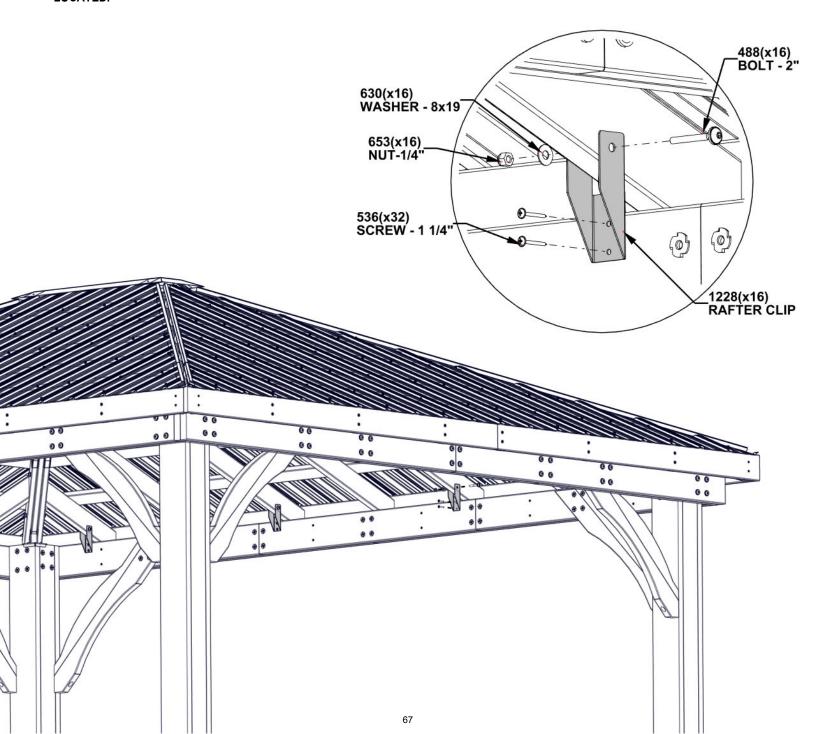


## **STEP 39 - ROOF ASSEMBLY**



QTY	PART NUMBER	DESCRIPTION
16	Control of the Contro	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

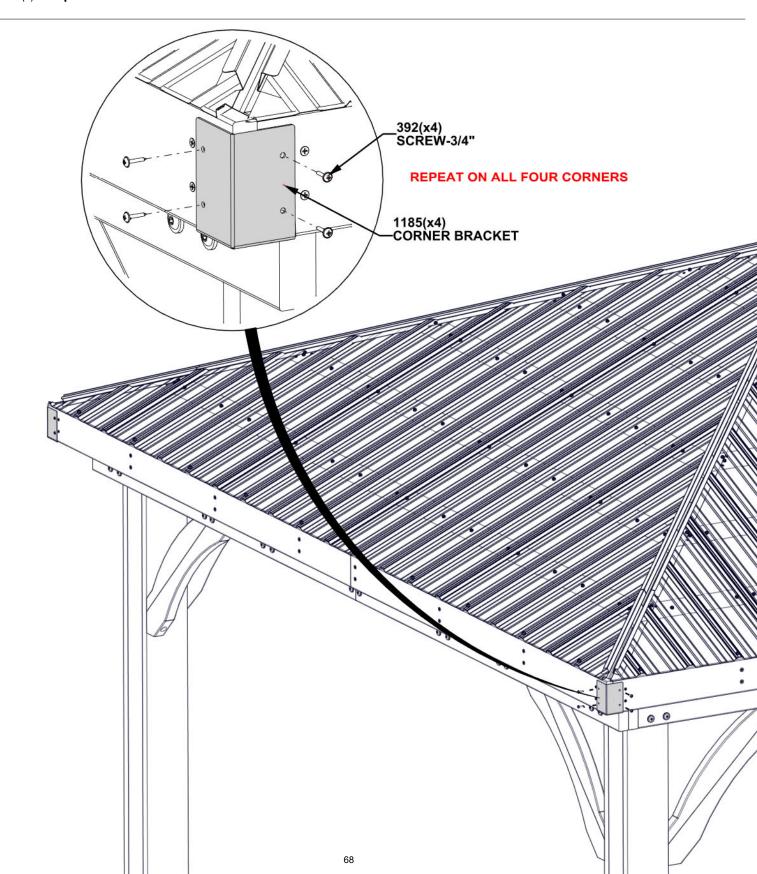
- ATTACH RAFTER CLIPS FIRST WITH 2" BOLTS.
- USING THE BRACKET AS A TEMPLATE AND A 1/8" DRILL BIT, DRILL PILOT HOLES FOR THE H100536 SCREWS.
- DRILL PILOT HOLES APPROXIMATELY 1/2" DEEP.
- NOTE THERE ARE NO RAFTER CLIPS WHERE CORBELS ARE LOCATED.



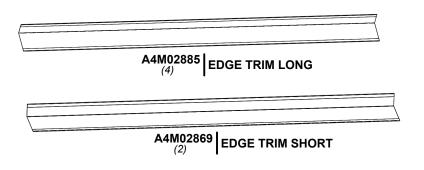
# **STEP 40 - ROOF ASSEMBLY**



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



#### STEP 41 - 14FT ROOF TRIM



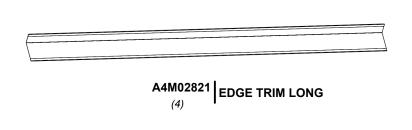
	PART NUMBER	DESCRIPTION
24	H100759	SCREW SELF TAPPING 1/4x1



A4M02822 EDGE TRIM SPLICE A4M02825 EDGE TRIM CORNER (4)

- 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** 759(x12) SCREW-1" FIRST HIGH RIDGE IN TIN START FIRST SCREW AT THE FIRST HIGH RIDGE IN SHEETING. ATTACH AT EVERY OTHER HIGH RIDGE. 2825 (x4) **EDGÈ TRIM** 0 **CORNER SPLICE** 2885 (x1) EDGE TRIM LONG 2822(x1) EDGE TRIM SPLICE 2869 (x1) EDGE TRIM SHORT 2822 (x1) 00 **EDGÈ TRIM SPLICE** 2885 (x1) EDGE TRIM LONG NOTE: EDGE TRIM "2869" IS ONLY USED ON 14FT SIDES AND LOCATED IN THE MIDDLE. **REPEAT ON OPPOSITE 14FT SIDE** 69

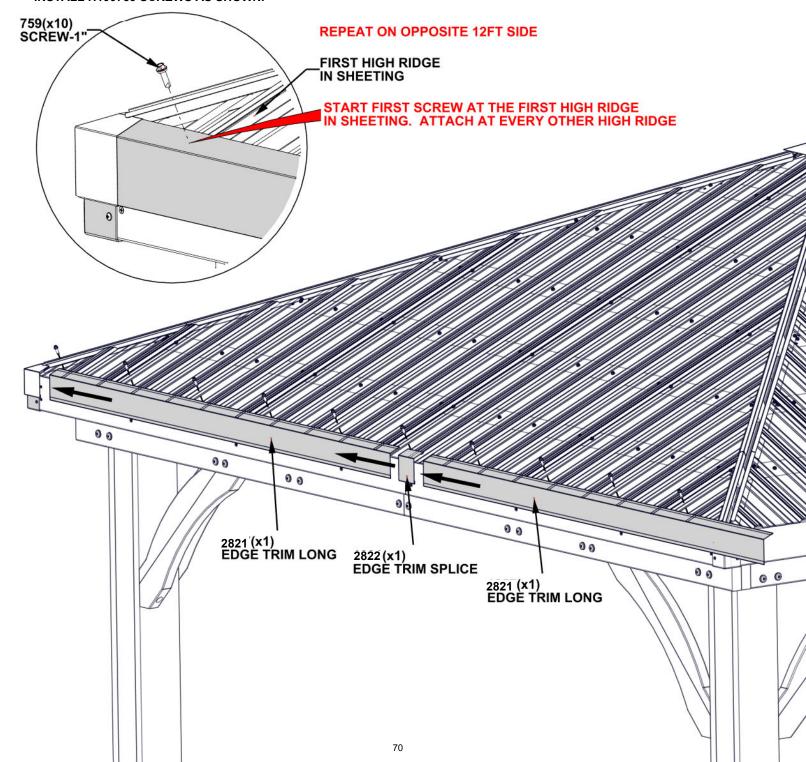
## STEP 42 - 12FT ROOF TRIM



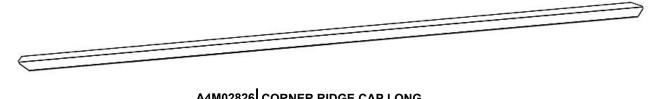
QTY	PART NUMBER	DESCRIPTION
20	H100759	SCREW SELF TAPPING 1/4x1

A4M02822 EDGE TRIM SPLICE

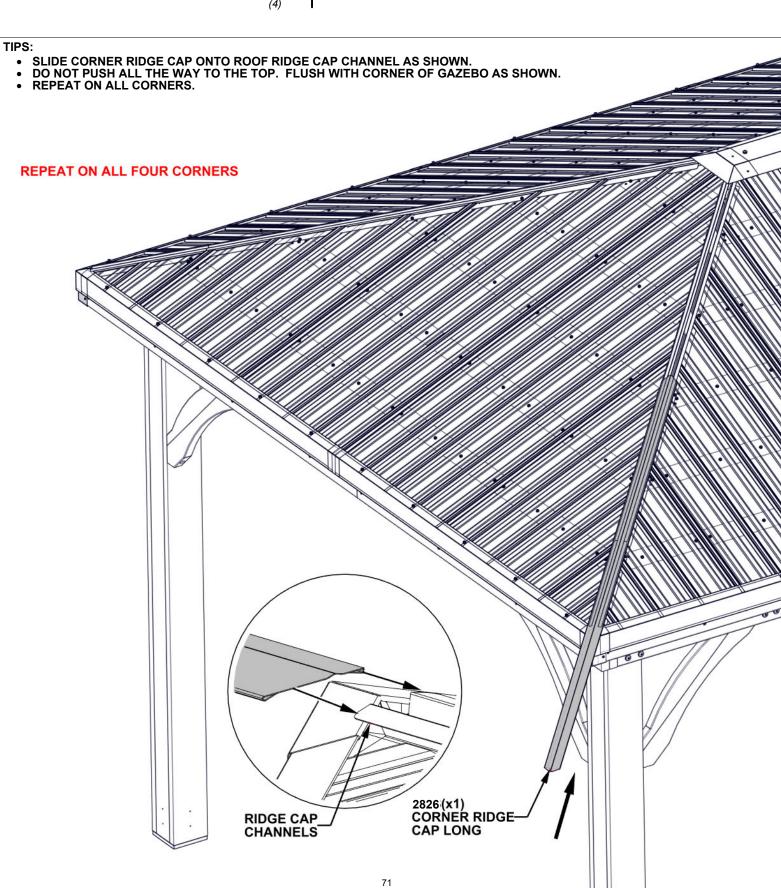
- START ON THE LEFT SIDE OF A 12FT PANEL.
  SLIDE EDGE TRIM PIECES TOGETHER AS SHOWN BELOW.
  MAKE SURE ALL PANELS ARE COVERED BEFORE INSTALLING SCREWS.
- INSTALL H100759 SCREWS AS SHOWN.



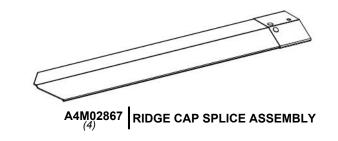
## **STEP 43 - ROOF ASSEMBLY**

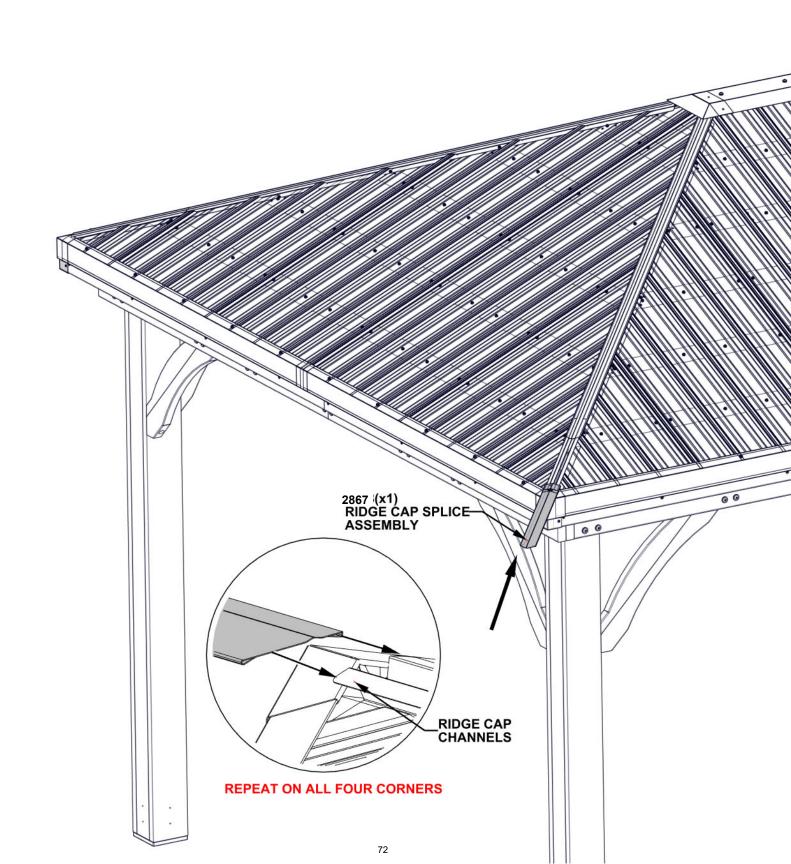


## A4M02826 CORNER RIDGE CAP LONG



# STEP 44 - ROOF ASSEMBLY





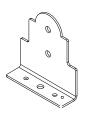
# STEP 45 - ROOF ASSEMBLY

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

# **REPEAT ON ALL FOUR CORNERS** \_759(x3) SCREW-1" RIDGE CAP SPLICE ASSEMBLY FROM PREVIOUS STEP FLUSH TO\_ END 73

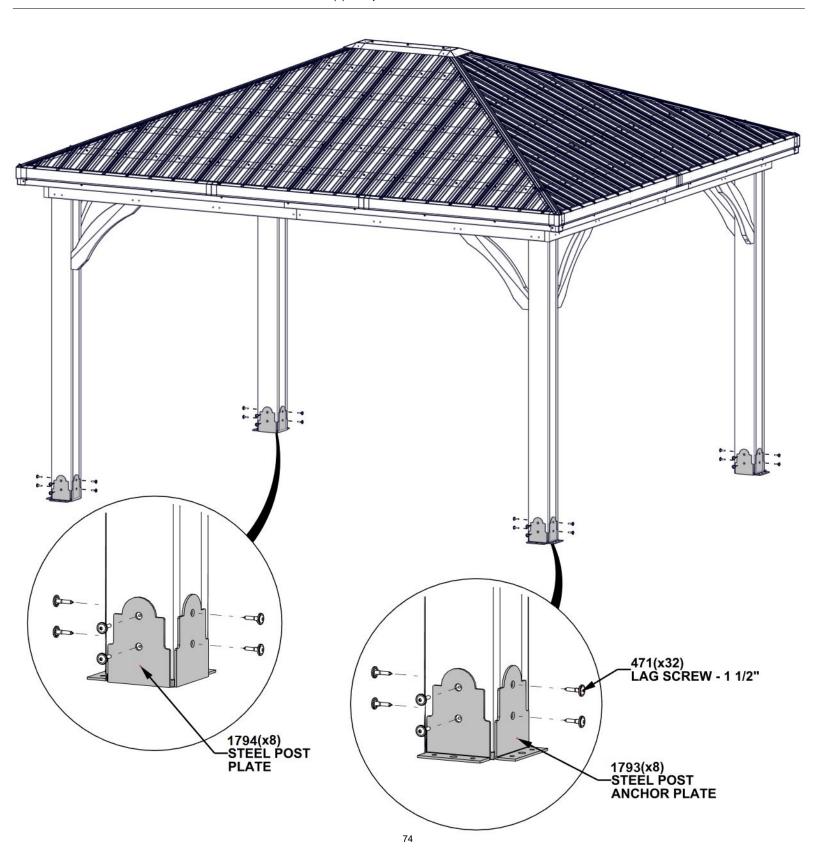
# STEP 46 - GAZEBO ASSEMBLY





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

A4M01793 ANCHORING PLATE

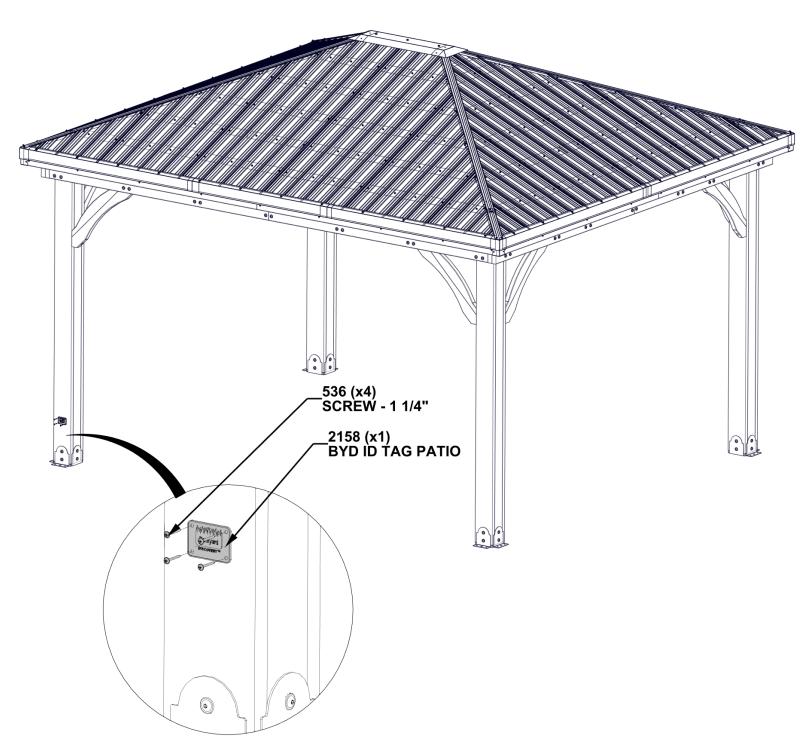


#### **STEP 47 - GAZEBO ASSEMBLY**



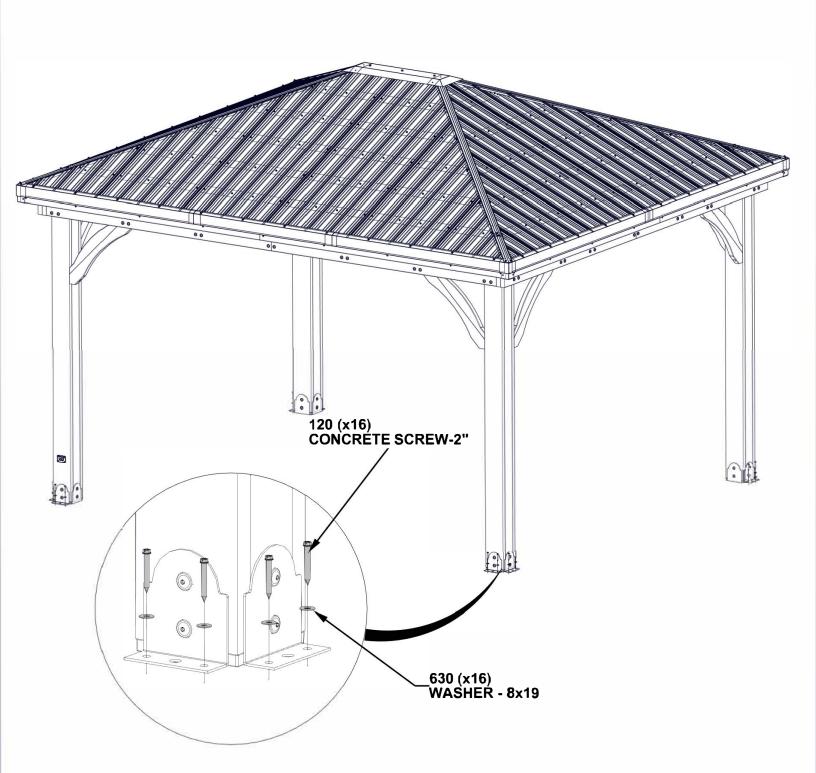
A4M02158 BYD ID TAG PATIO (x1)

QTY	PART NUMBER	DESCRIPTION
4	H100536	SCREW PWH 8x1 1/4 BLK

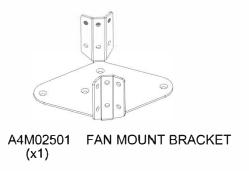


#### **STEP 48 - GAZEBO ASSEMBLY**

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

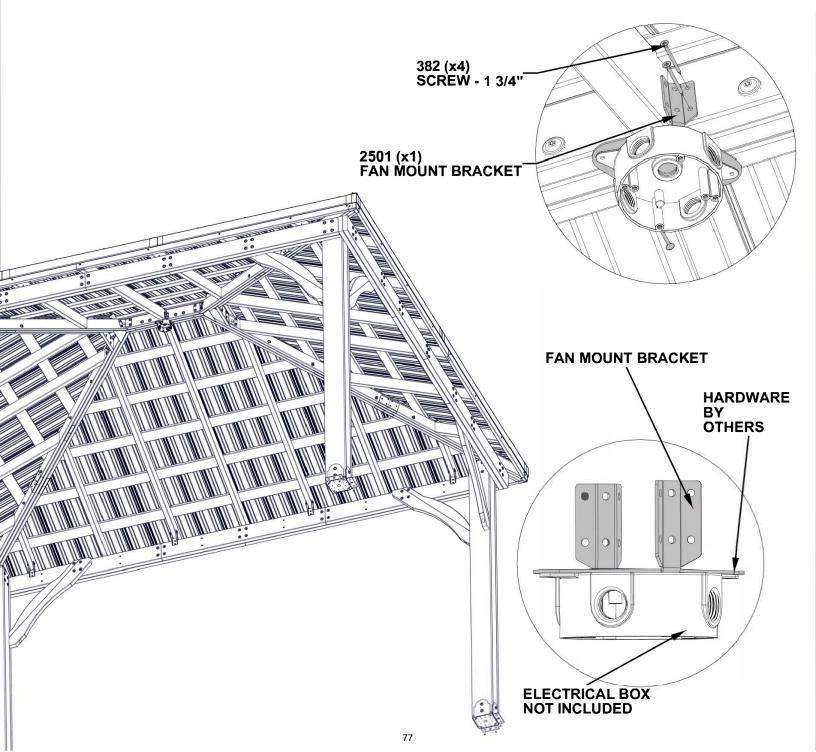


#### **STEP 49 - GAZEBO ASSEMBLY (OPTIONAL)**

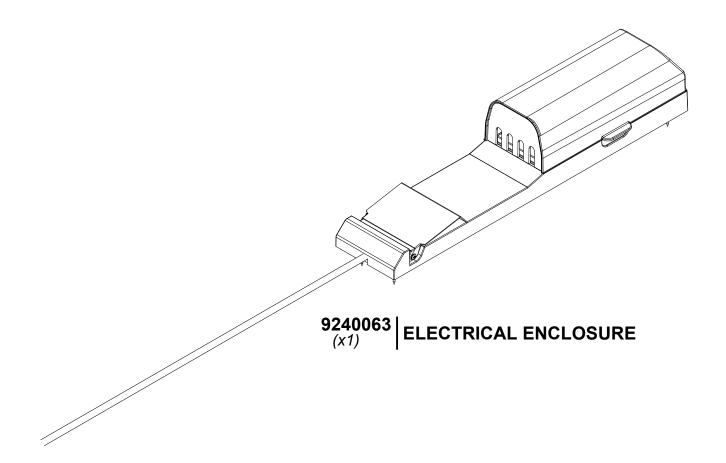


QTY	PART NUMBER	DESCRIPTION
4	H100382	SCREW PFH 8x1 3/4 BLK

- ATTACH YOUR ELECTRICAL BOX (SOLD SEPERATELY) WITH THE PROVIDED HOLES IN FAN MOUNT BRACKET. PLACE FAN MOUNT BRACKET ON RIDGE BEAMS AND MOVE TO DESIRED FAN LOCATION.
- ROTATE BRACKET UNTIL MOUNTING FLANGES ALIGHN BEST WITH RIDGE BEAMS.
- USE A 1/8" (3mm) DRILL BIT AND DRILL PILOT HOLES AND ATTACH AS SHOWN.



# **PowerPort**™



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.