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# **ROCKPORT STEEL GRILL GAZEBO**

MODEL #: 2506176



#### 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

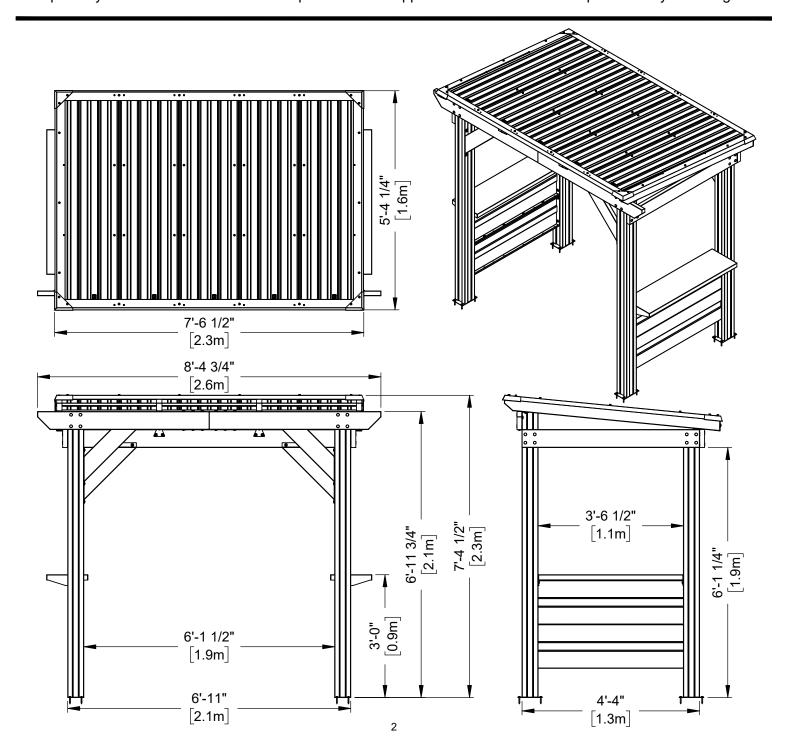
## OWNER'S MANUAL - BASIC SETUP DIMENSIONS & ASSEMBLY NOTES

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

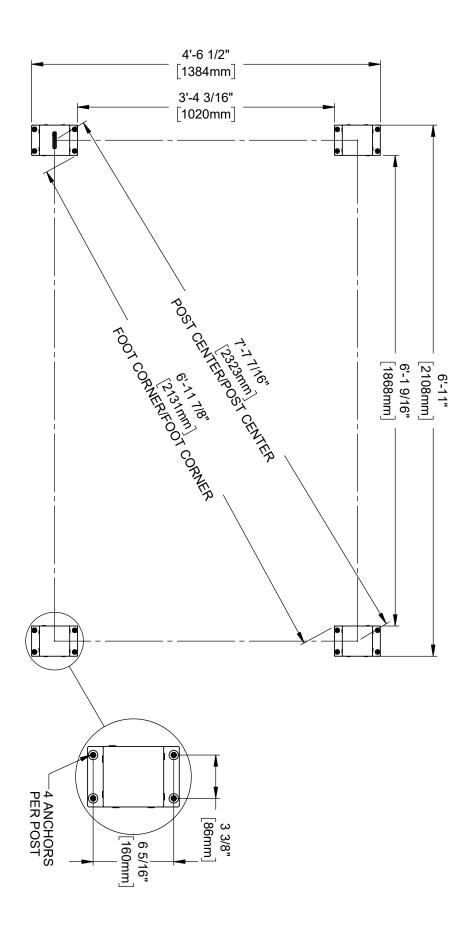
- Pay close attention to the items needed for each step. Make sure you are using the correct hardware for each step. Using incorrect hardware may result in improper assembly
- Remember to double check for underground utilities and overhead electrical lines

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**



# **OWNER'S MANUAL - PARTS IDENTIFICATION**

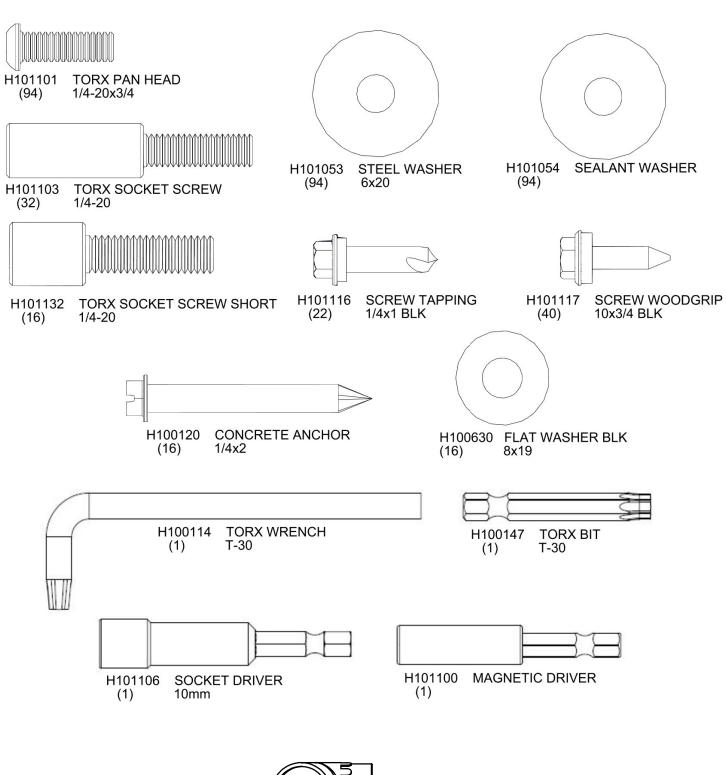
METAL COMPONENTS (NOT TO SCALE)

• •	A2 POST FRONT - A	Δ4Μ0162	ρ	
	(x1) 4 13/16"x7 1/16"x			
• •	B1 POST REAR - A			
• •	(x1) 4 13/16"x7 1/16"	x78 5/8" (	122x180x1997)	
• •	B2 POST REAR - A (x1) 4 13/16"x7 1/16"			
<ul><li>●</li><li></li></ul>	• •	X70 0/0 (	• • • • • • • • • • • • • • • • • • •	
	B3 SIDE BEAM - A (x2) 1 7/16"x5 1/4"x5			
• •			,	Đ Ø
<b>◎ •</b>	B4 BACK BEAM - A (x1) 1 7/16"x5 1/4"x8			• •
<ul><li>⊚</li><li>⊗</li></ul>			,	<ul><li> •</li><li> •</li></ul>
C1 FRONT BEAM - A4M (x1) 1 7/16"x5 1/4"x50 5/10		C2 (x1)	FRONT BEAM - A4 1 7/16"x5 1/4"x50 5	M01632 /16" (36x134x1278
F1 JOIST - A4M01638				
(x2) 1 9/16"x3 1/8"x63 5/8	' (40x80x1616)	F2 (x2)	OUTSIDE JOIST - 1 9/16"x3 1/8"x63 5	
D1 PANEL - A4M01642 (x2) 1 7/16"x10 5/8"x42 7/	8" (36x270x1089)	D2 (x2)	PANEL - A4M01643 1 7/16"x10 5/8"x42 7	
	,			
	D3 TABLE - A4M0 (x2) 3 3/16"x12"x42		306x1077)	
· ·	⊚ E1 PURLIN - A4M		. •	
	(x4) 13/16"x1 9/16"x		20x40x2280)	
C4 CORBEL - A4M01	637 3 5/16" (36x217x591)	C3 (x2)	CORBEL - A4M016 1 7/16"x8 9/16"x23 !	

4

## **OWNER'S MANUAL - PARTS IDENTIFICATION**

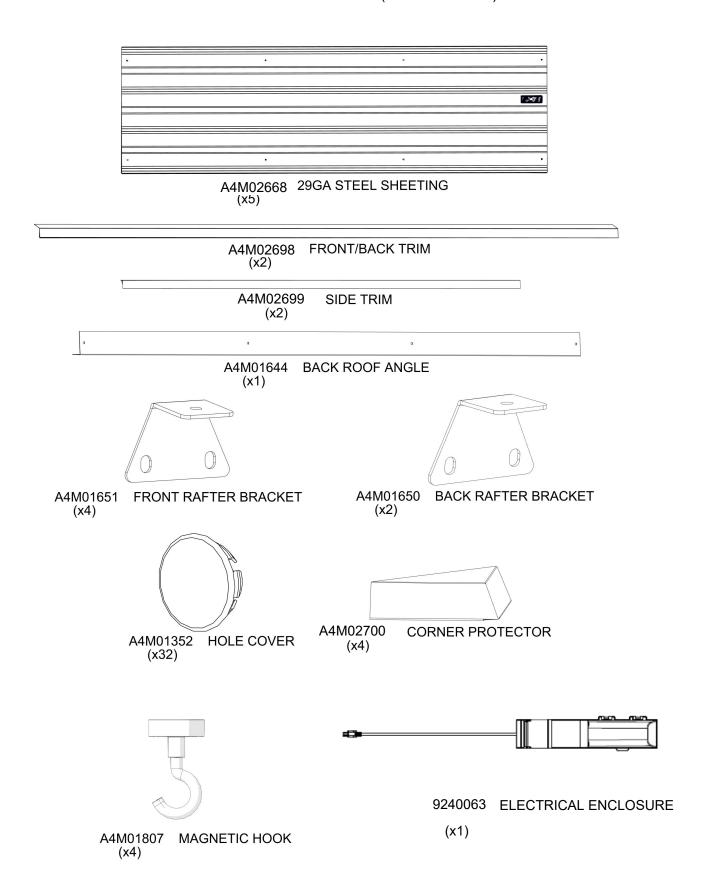
HARDWARE COMPONENTS (NOT TO SCALE)





## **OWNER'S MANUAL - PARTS IDENTIFICATION**

ACCESSORY COMPONENTS (NOT TO SCALE)



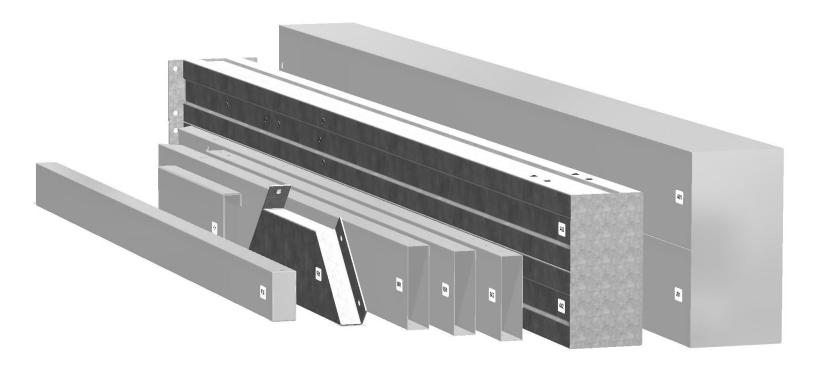
#### PRE-ASSEMBLY STEP 1 - SORTING PARTS

It is critical for ease of assembly that you take the time to sort and organize the parts and hardware.

#### **METAL PARTS:**

- Organize metal parts by the three-digit, alpha-numeric number stamped on each part (ex. P01).
- If there are multiple parts with the same stamped number, stack those pieces together.
- Stamps can be found on the flat surface of the parts or on the end of the parts.
- Allow yourself plenty of room the parts can take up a significant amount of space.

#### NOTE: CARTONS ARE NOT ORGANIZED BY PART NUMBER.

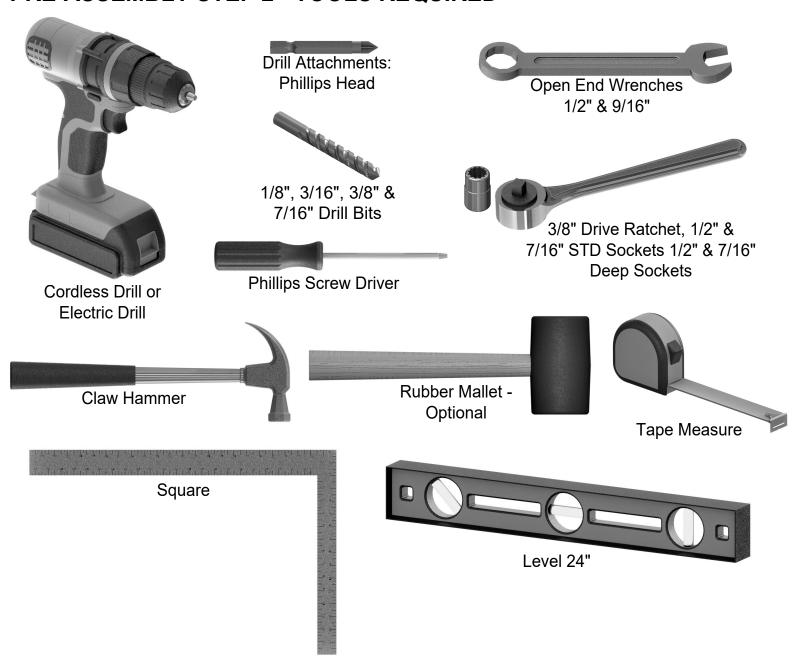


#### **HARDWARE PARTS:**

- 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



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

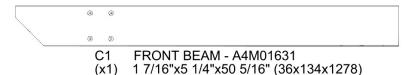
There are several types of assembly instructions available to you.

- 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 4 - BEAM ASSEMBLY**

QTY	PART NUMBER	DESCRIPTION
6	H101053	STEEL WASHER 6x20
6	H101054	SEALANT WASHER
6	H101101	TORX PAN HEAD 1/4-20x3/4"

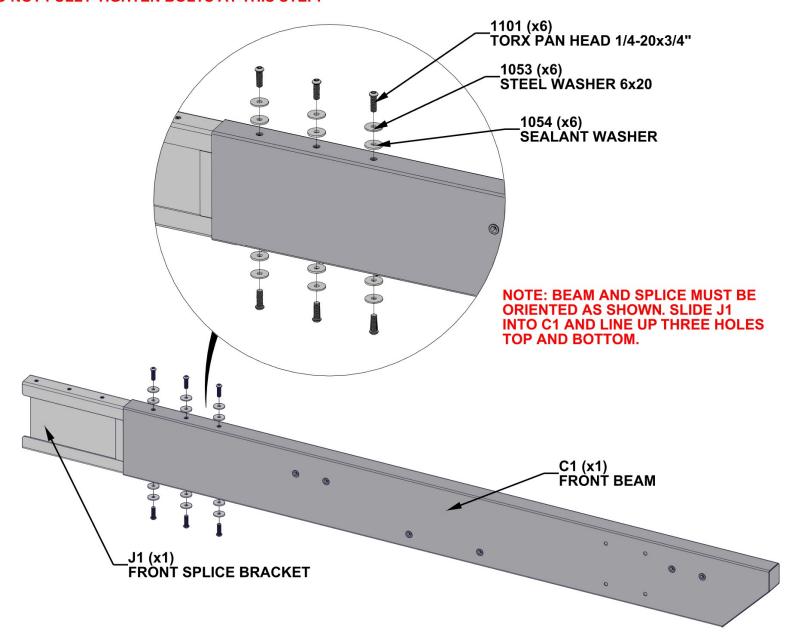




J1 FRONT SPLICE BRACKET - A4M01635 (x1) 1 5/16"x5 3/16"x15 3/4" (33x131x400)

FOR EASE OF ASSEMBLY, WE RECOMMEND USING SAW HORSES FOR STEPS 4 - 7.

#### DO NOT FULLY TIGHTEN BOLTS AT THIS STEP.



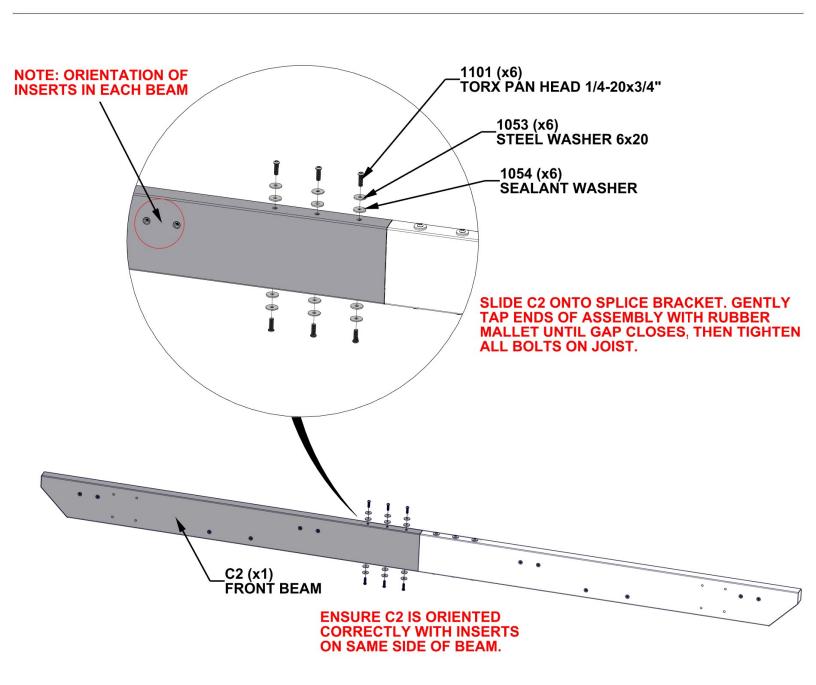
## **STEP 5 - BEAM ASSEMBLY**

QTY	PART NUMBER	DESCRIPTION
6	H101053	STEEL WASHER 6x20
6	H101054	SEALANT WASHER
6	H101101	TORX PAN HEAD 1/4-20x3/4"

© ©

C2 FRONT BEAM - A4M01632

(x1) 1 7/16"x5 1/4"x50 5/16" (36x134x1278)



#### STEP 6 - UPRIGHT ASSEMBLY

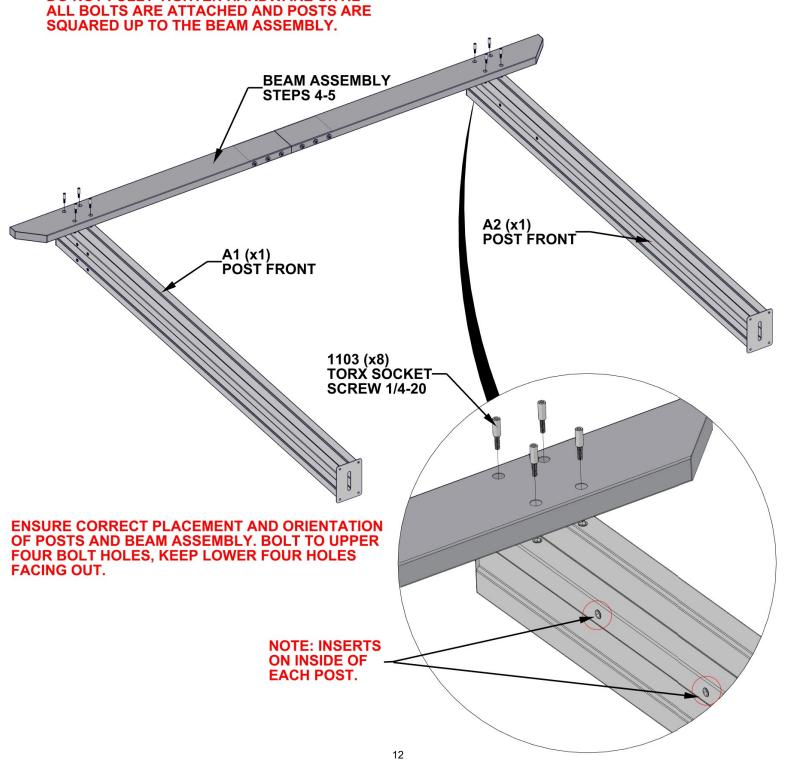
QTY	PART NUMBER	DESCRIPTION
8	H101103	TORX SOCKET SCREW 1/4-20

A1 POST FRONT - A4M01627
(x1) 4 13/16"x7 1/16"x83 7/8" (122x180x2131)

4 13/16"x7 1/16"x83 7/8" (122x180x2131)

DO NOT FULLY TIGHTEN HARDWARE UNTIL ALL BOLTS ARE ATTACHED AND POSTS ARE

(x1)



#### STEP 7 - UPRIGHT ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
8	H101103	TORX SOCKET SCREW 1/4-20

• •			
• •		D4	DOOT DEAD AMMONOO
		B1 (x1)	POST REAR - A4M01629 4 13/16"x7 1/16"x78 5/8" (122x180x1997)
	-		
• •		B2	POST REAR - A4M01630

P4 PACK PEAM A4M01634

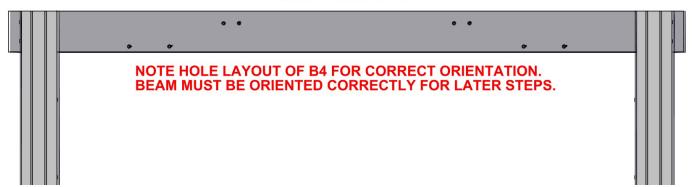
B4 BACK BEAM - A4M01634 (x1) 1 7/16"x5 1/4"x85 7/8" (36x134x2182)

B2 POST REAR - A4M01630 (x1) 4 13/16"x7 1/16"x78 5/8" (122x180x1997)

DO NOT FULLY TIGHTEN HARDWARE UNTIL ALL BOLTS ARE ATTACHED AND POSTS ARE SQUARED UP TO THE **BEAM ASSEMBLY.** B4 (x1) BACK BEAM B1 (x1) POST REAR 1103 (x8) TORX SÓCKET **SCREW 1/4-20** B2 (x1) POST REAR **NOTE: INSERTS** ON INSIDE OF **EACH POST.** 

ENSURE CORRECT PLACEMENT AND ORIENTATION OF POSTS AND BEAM. FOUR HOLES SHOULD FACE OUT AND TWO HOLES SHOULD FACE IN ON POSTS.

**INSIDE BACK VIEW** 



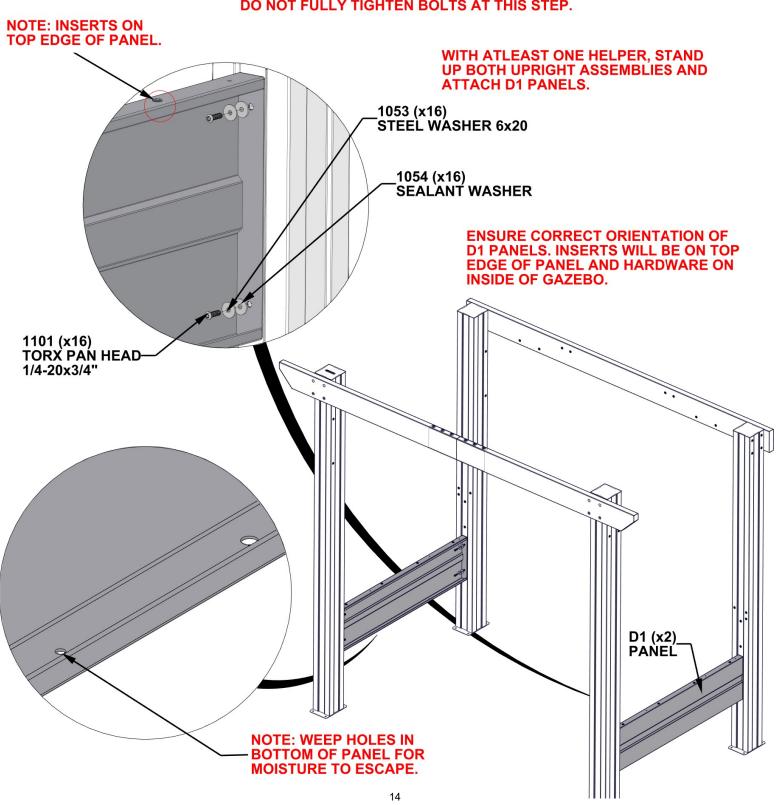
## **STEP 8 - GAZEBO ASSEMBLY**

QTY	PART NUMBER	DESCRIPTION
8	H101053	STEEL WASHER 6x20
8	H101054	SEALANT WASHER
8	H101101	TORX PAN HEAD 1/4-20x3/4"

PANEL - A4M01642 D1

(x2) 1 7/16"x10 5/8"x42 7/8" (36x270x1089)

#### DO NOT FULLY TIGHTEN BOLTS AT THIS STEP.



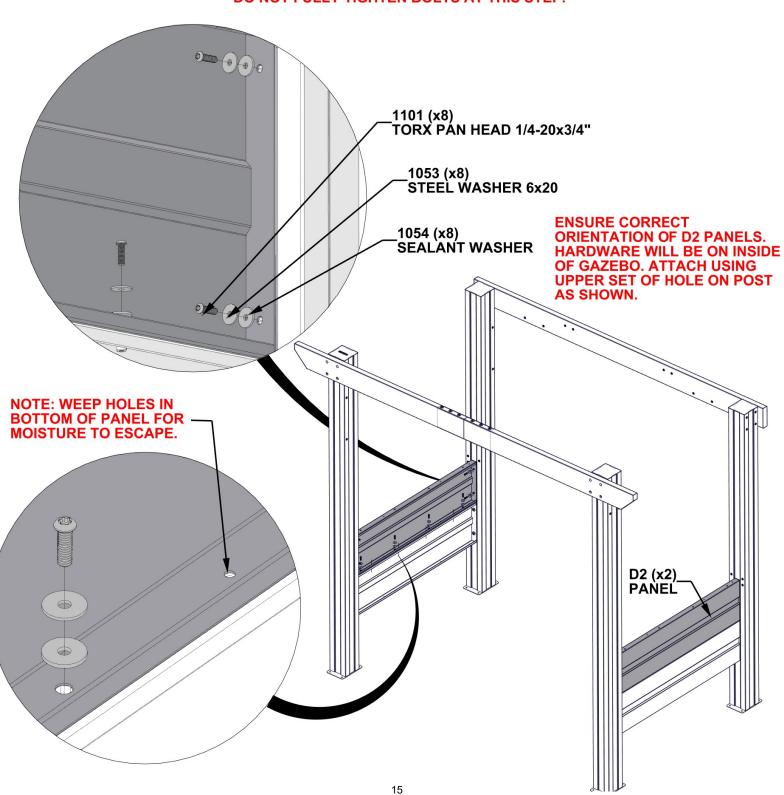
## **STEP 9 - GAZEBO ASSEMBLY**

QTY	PART NUMBER	DESCRIPTION
16	H101053	STEEL WASHER 6x20
16	H101054	SEALANT WASHER
16	H101101	TORX PAN HEAD 1/4-20x3/4"

D2 PANEL - A4M01643

(x2) 1 7/16"x10 5/8"x42 7/8" (36x270x1089)

#### DO NOT FULLY TIGHTEN BOLTS AT THIS STEP.

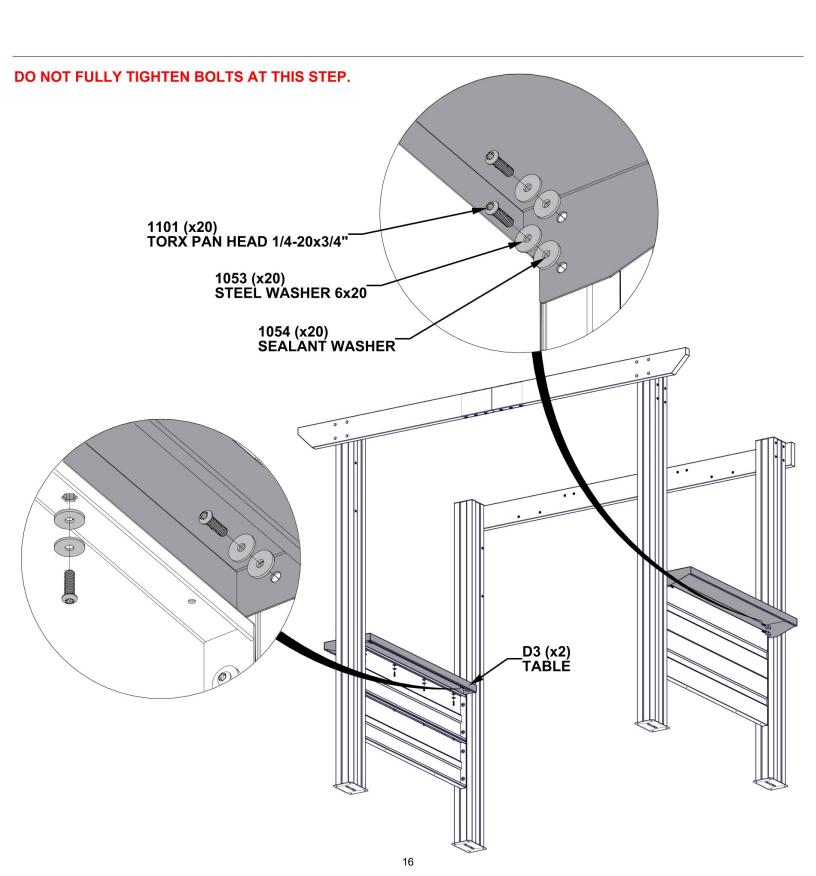


# **STEP 10 - GAZEBO ASSEMBLY**

QTY	PART NUMBER	DESCRIPTION
20	H101053	STEEL WASHER 6x20
20	H101054	SEALANT WASHER
20	H101101	TORX PAN HEAD 1/4-20x3/4"



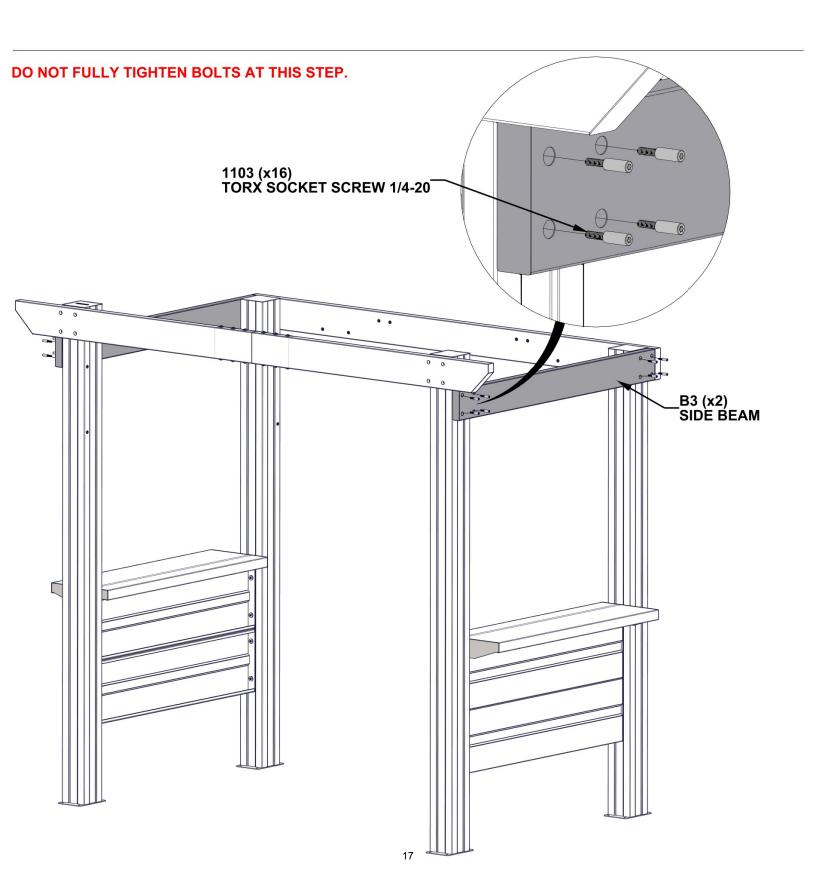
D3 TABLE - A4M01652 (x2) 3 3/16"x12"x42 3/8" (82x306x1077)



# **STEP 11 - GAZEBO ASSEMBLY**

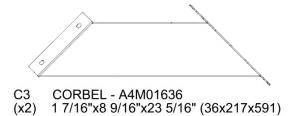
QTY	PART NUMBER	DESCRIPTION
16	H101103	TORX SOCKET SCREW 1/4-20

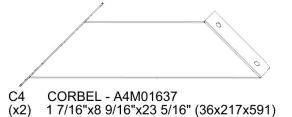
B3 SIDE BEAM - A4M01633 (x2) 1 7/16"x5 1/4"x52 1/16" (36x134x1322)

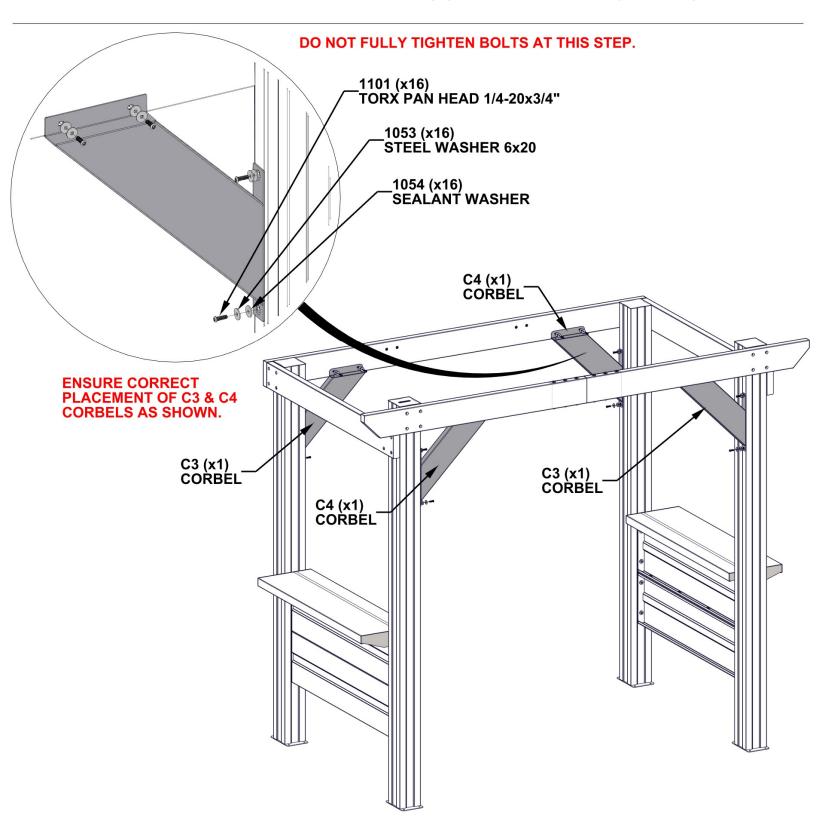


# **STEP 12 - GAZEBO ASSEMBLY**

QTY	PART NUMBER	DESCRIPTION
16	H101053	STEEL WASHER 6x20
16	H101054	SEALANT WASHER
16	H101101	TORX PAN HEAD 1/4-20x3/4"



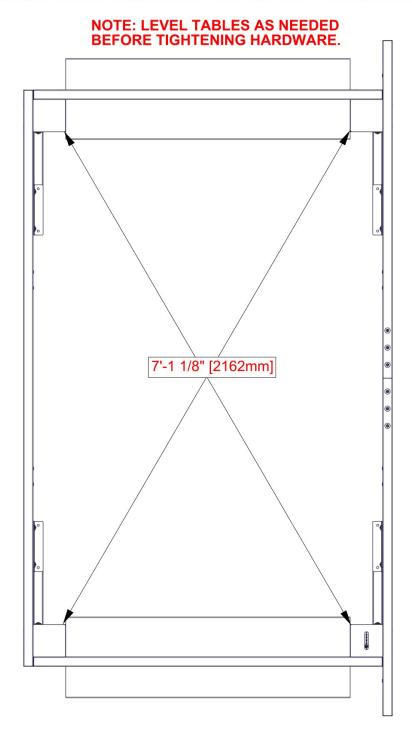




# **STEP 13 - SQUARE ASSEMBLY**

CRITICAL: SQUARE ASSEMBLY BEFORE PROCEEDING TO NEXT STEPS. ONCE ASSEMBLY IS SQUARED, FULLY TIGHTEN ALL HARDWARE.

MEASUREMENTS TAKEN FROM INSIDE POST CORNER TO INSIDE POST CORNER.

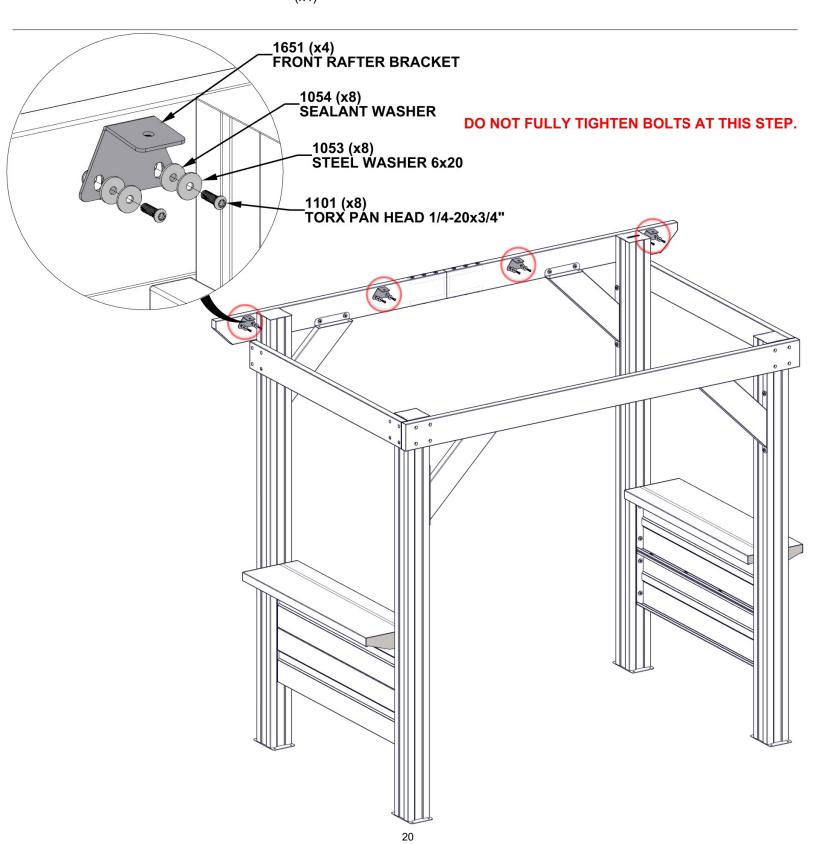


# **STEP 14 - GAZEBO ASSEMBLY**

QTY	PART NUMBER	DESCRIPTION
8	H101053	STEEL WASHER 6x20
8	H101054	SEALANT WASHER
8	H101101	TORX PAN HEAD 1/4-20x3/4"



A4M01651 FRONT RAFTER BRACKET (x4)

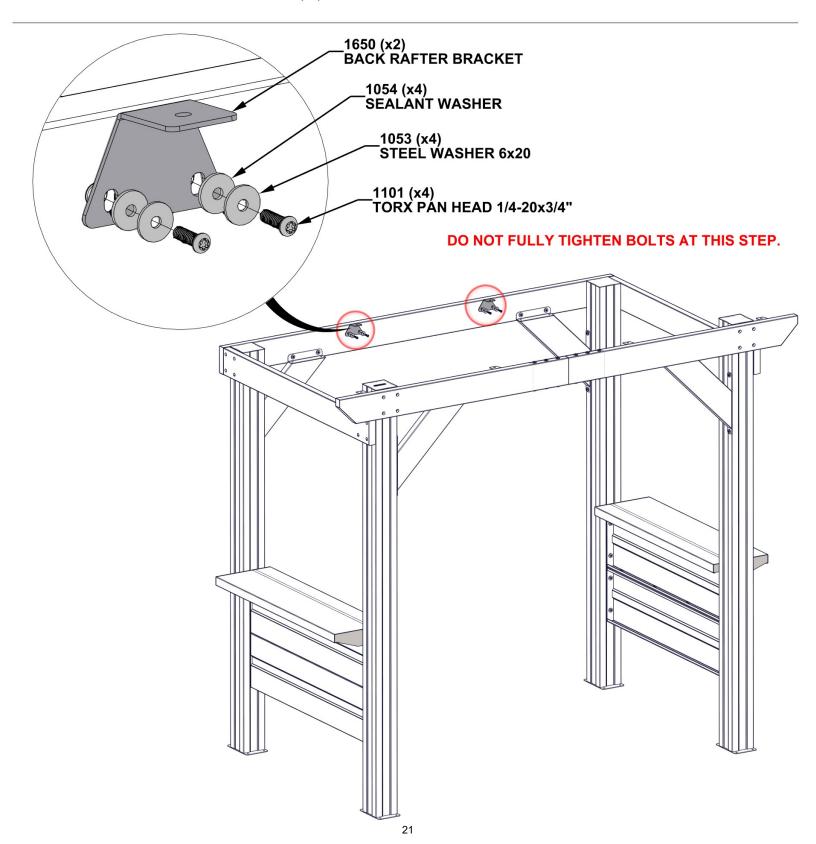


# **STEP 15 - GAZEBO ASSEMBLY**

QT	Y PART NUMBER	DESCRIPTION
4	H101053	STEEL WASHER 6x20
4	H101054	SEALANT WASHER
4	H101101	TORX PAN HEAD 1/4-20x3/4"

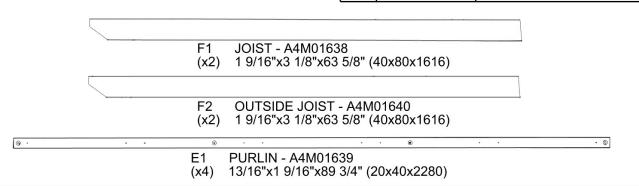


A4M01650 BACK RAFTER BRACKET (x2)

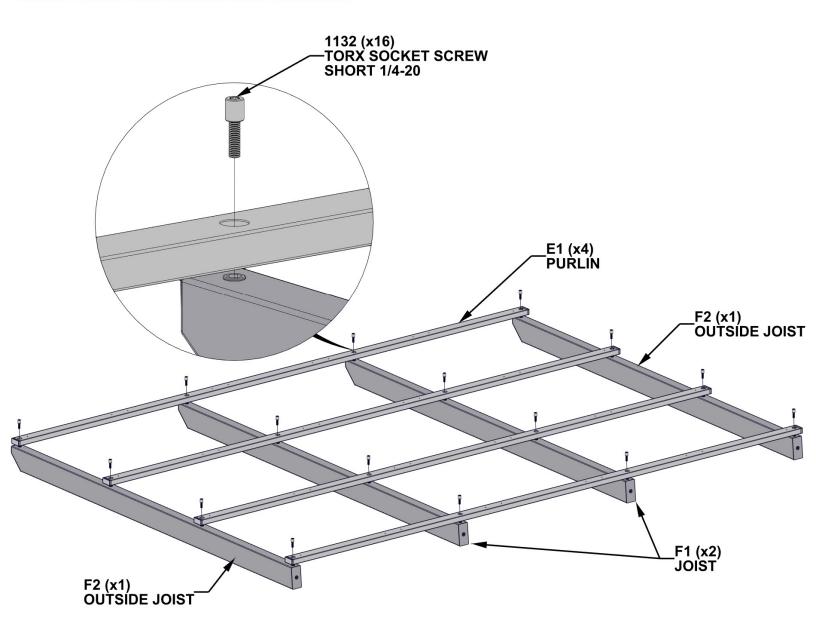


# **STEP 16 - ROOF PANEL ASSEMBLY**

7	QTY	PART NUMBER	DESCRIPTION
	16	H101132	TORX SOCKET SCREW SHORT 1/4-20



#### DO NOT FULLY TIGHTEN BOLTS AT THIS STEP.

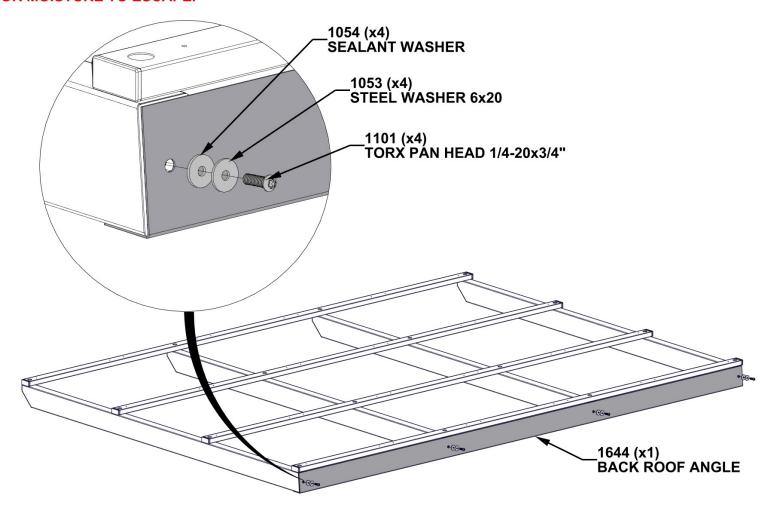


# **STEP 17A - ROOF PANEL ASSEMBLY**

QTY	PART NUMBER	DESCRIPTION
4	H101053	STEEL WASHER 6x20
4	H101054	SEALANT WASHER
4	H101101	TORX PAN HEAD 1/4-20x3/4"



DO NOT FULLY TIGHTEN BOLTS AT THIS STEP. WEEP HOLES IN BOTTOM OF ROOF ANGLE ARE FOR MOISTURE TO ESCAPE.



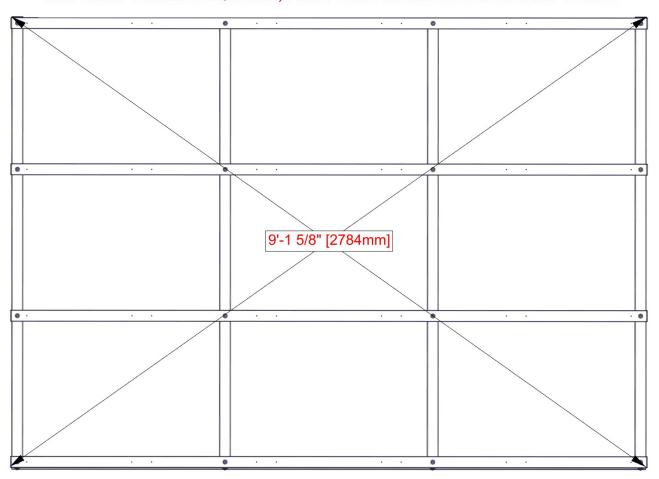
## **STEP 17B - ROOF PANEL ASSEMBLY**

TIP: LOOSEN HARDWARE TO ADJUST FOR SQUARING IF NEEDED

#### **CRITICAL:**

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

#### ONCE ROOF PANEL IS SQUARED, FULLY TIGHTEN ALL BOLTS ON ROOF PANEL.

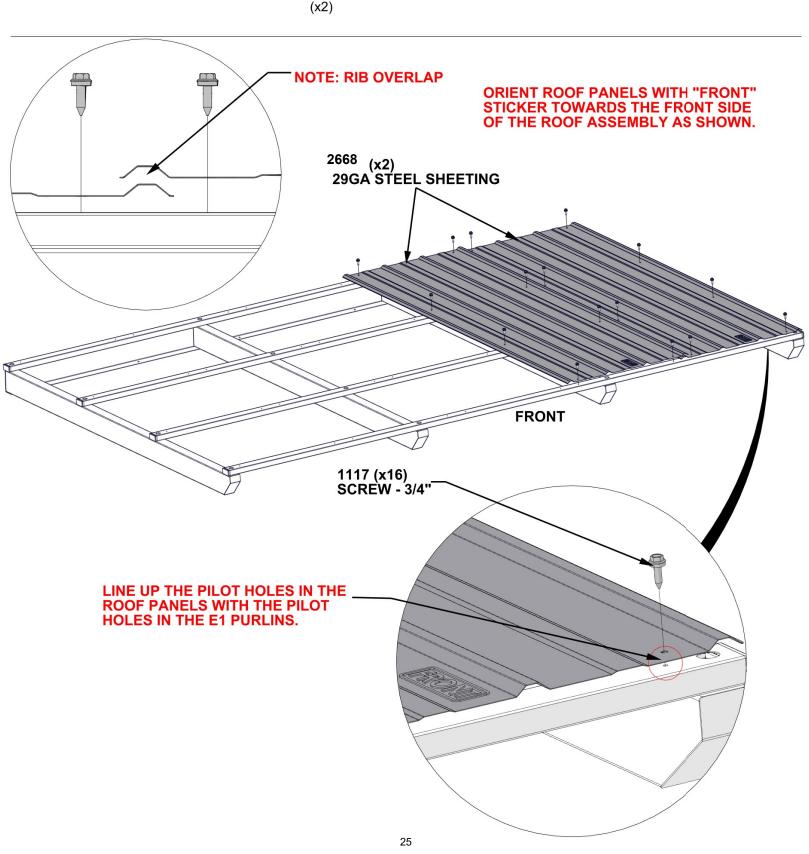


# STEP 18 - ROOF PANEL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
16	H101117	SCREW WOODGRIP 10-16x3/4" BLK



A4M02668 29GA STEEL SHEETING

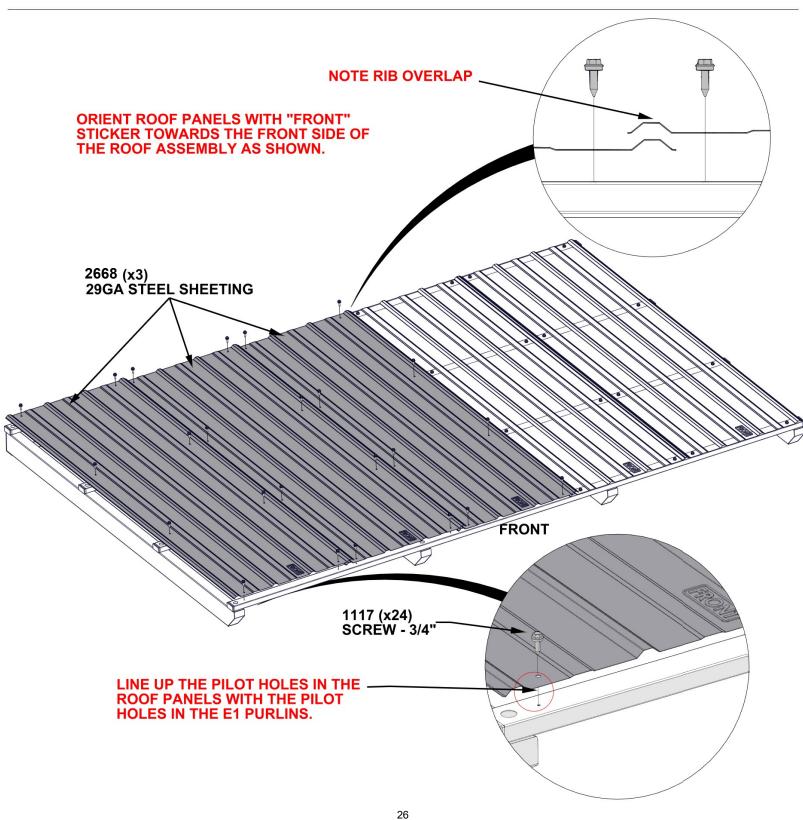


## **STEP 19 - ROOF PANEL ASSEMBLY**

PART NUMBER **DESCRIPTION** H101117 SCREW WOODGRIP 10-16x3/4 BLK

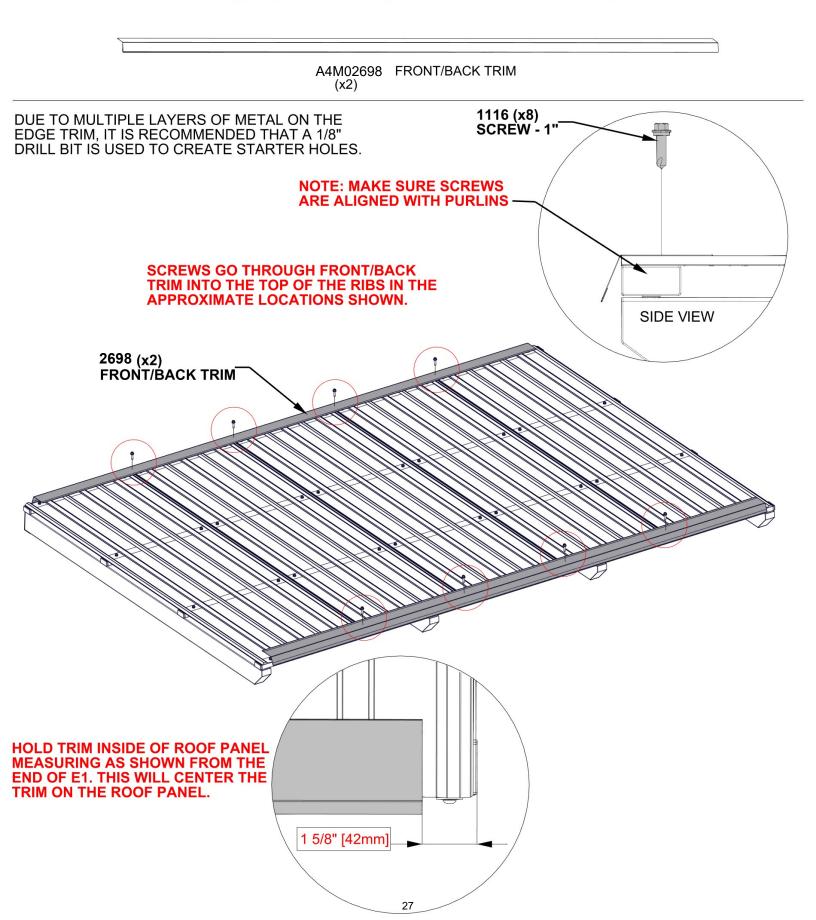


A4M02668 29GA STEEL SHEETING (x3)



#### STEP 20 - ROOF PANEL ASSEMBLY

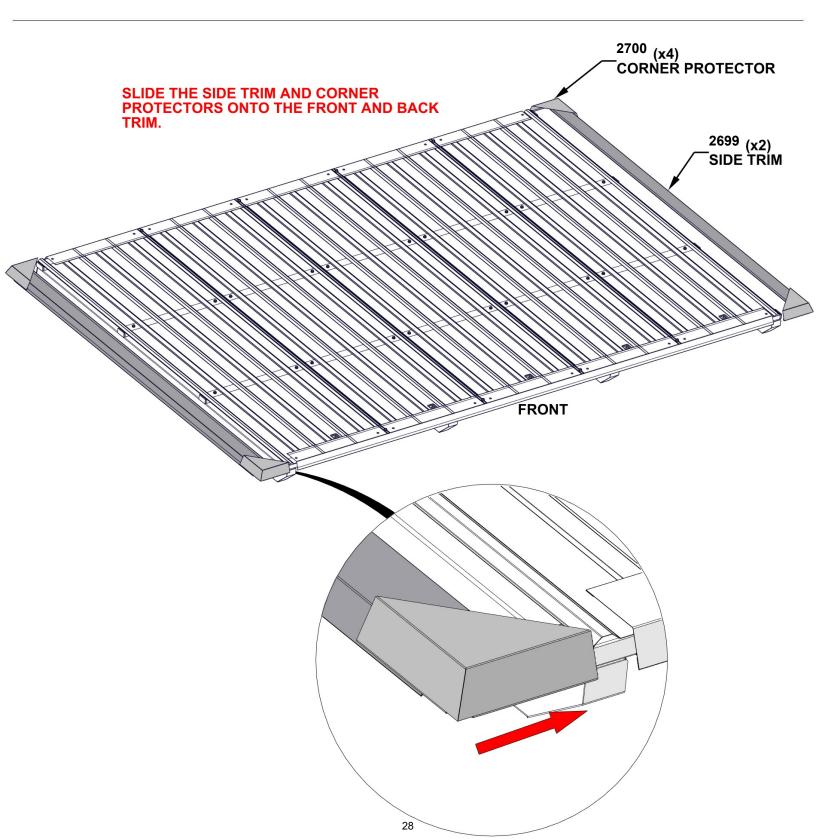
QTY	PART NUMBER	DESCRIPTION
8	H101116	SCREW SELF TAPPING 1/4x1 BLK



## STEP 21A - ROOF PANEL ASSEMBLY

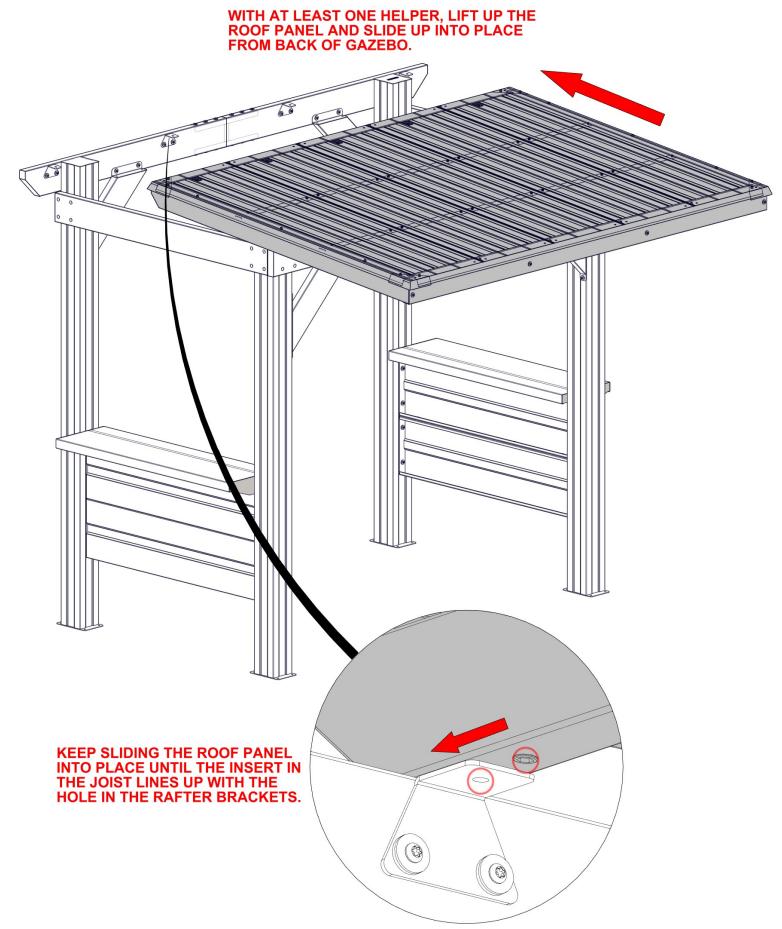
A4M02699 SIDE TRIM
(x2)

A4M02700 CORNER PROTECTOR
(x4)



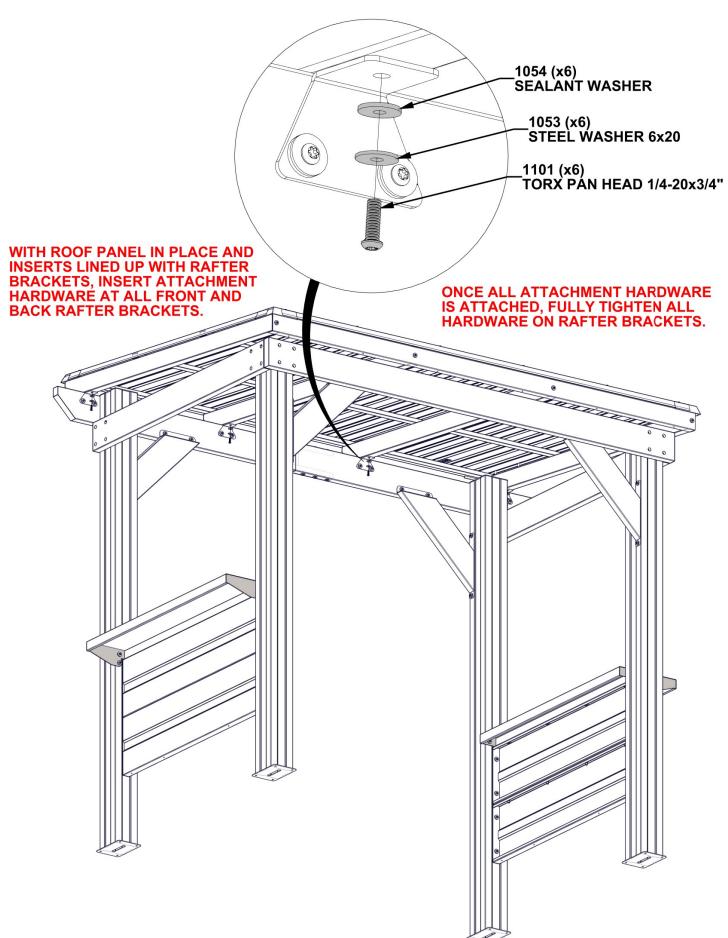
# **STEP 21B - ROOF PANEL** QTY PART NUMBER DESCRIPTION 14 H101116 SCREW SELF TAPPING 1/4x1 BLK **ASSEMBLY** DUE TO MULTIPLE LAYERS OF METAL ON THE EDGE TRIM, IT IS RECOMMENDED THAT A 1/8" DRILL BIT IS USED TO CREATE STARTER HOLES. 0 **ENSURE THAT SCREWS ARE EVENLY SPACED** 0 OUT ON THE CORNER PROTECTORS AS SHOWN. 1116 (x14) SCREW - 1" **ENSURE THAT SCREWS GO** THROUGH THE TOP POTION OF THE STEEL SHEETING RIB IN THE APPROXIMATE LOCATIONS SHOWN.

# **STEP 22A - ROOF PANEL ATTACHMENT**



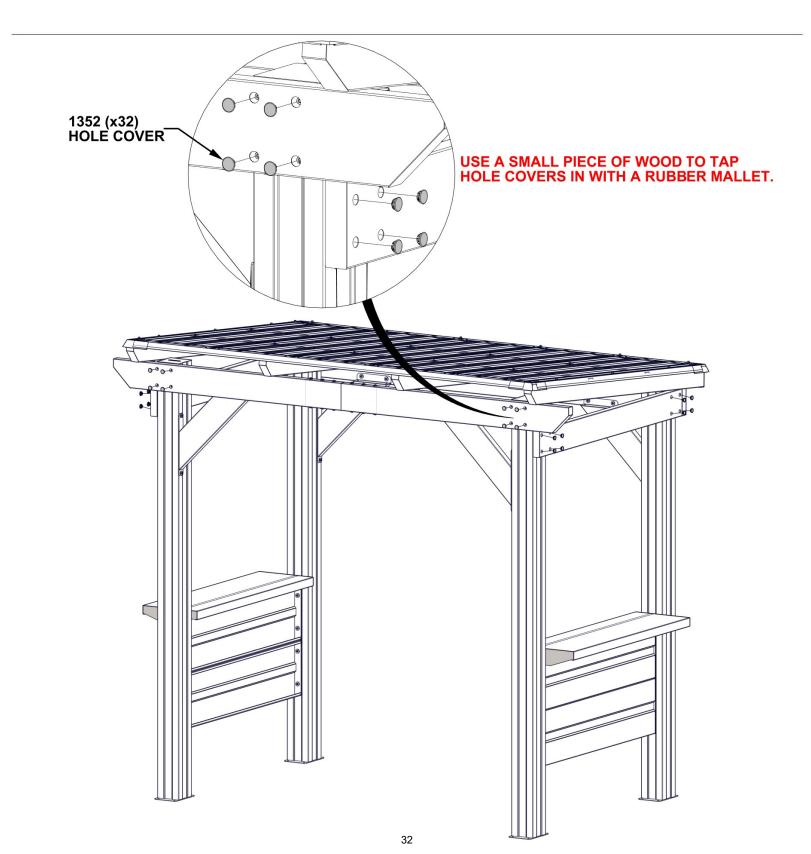
# STEP 22B - ROOF PANEL ATTACHMENT

QTY	PART NUMBER	DESCRIPTION
6	H101053	STEEL WASHER 6x20
6	H101054	SEALANT WASHER
6	H101101	TORX PAN HEAD 1/4-20x3/4"



# **STEP 23 - GAZEBO ASSEMBLY**



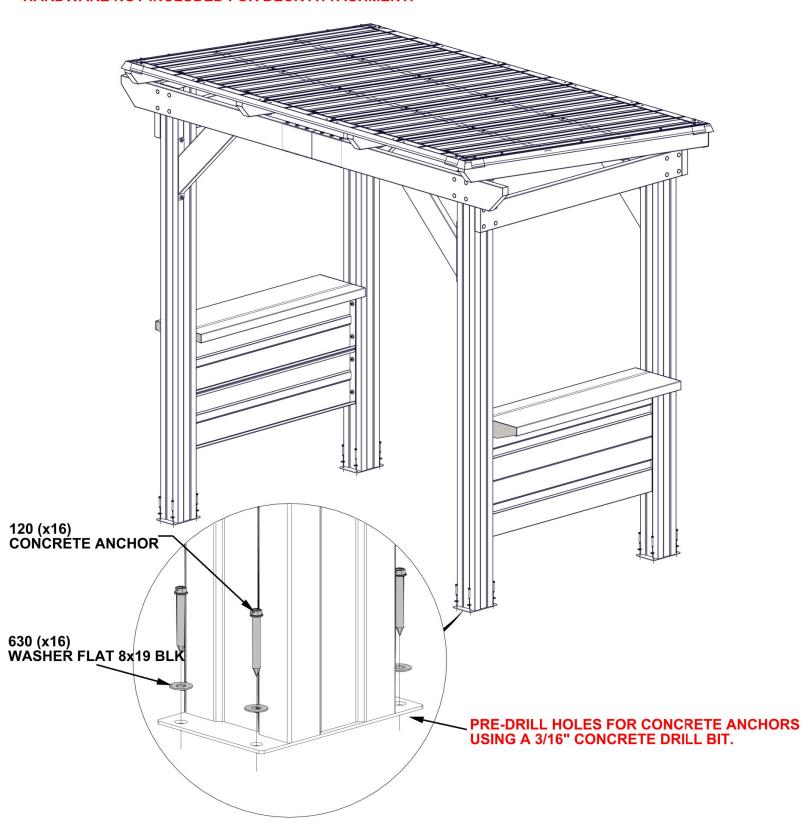


## **STEP 24 - GAZEBO ASSEMBLY**

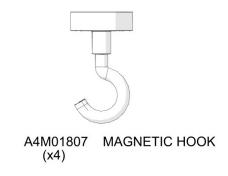
QTY	PART NUMBER	DESCRIPTION
16	H100120	CONCRETE ANCHOR 1/4"x2"
16	H100630	WASHER FLAT 8x19 BLK

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

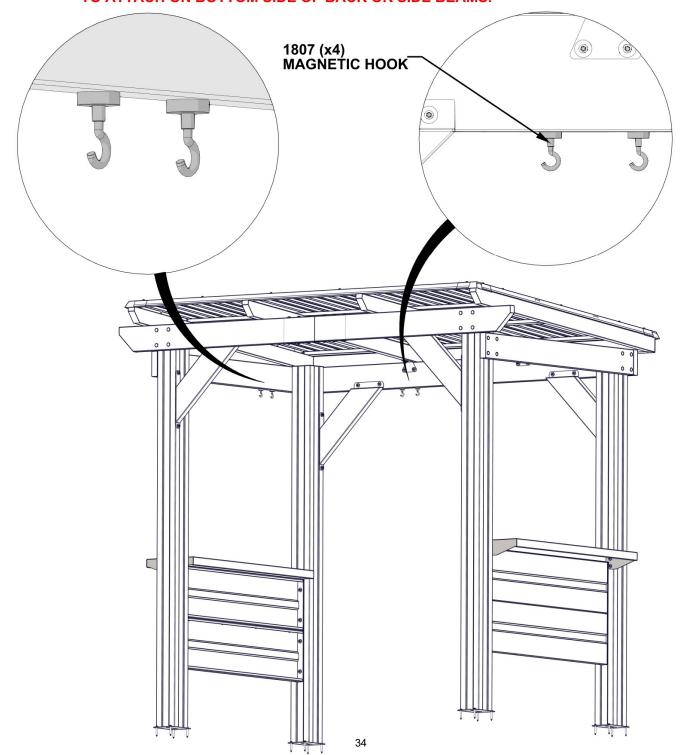
FOR INSTALLATION ON WOOD DECK, YOU MUST ENSURE THERE IS AMPLE STRUCTURAL SUPPORT UNDER THE DECK. HARDWARE NOT INCLUDED FOR DECK ATTACHMENT.



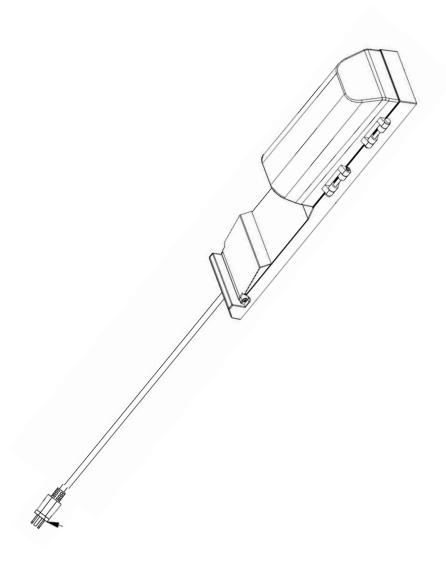
# **STEP 25 - GAZEBO ASSEMBLY**



MAGNETIC HOOKS CAN BE ATTACHED ON ANY METAL SURFACE ON THE GAZEBO. FOR MAXIMUM STRENGTH AND SUPPORT, IT IS RECOMMENDED TO ATTACH ON BOTTOM SIDE OF BACK OR SIDE BEAMS.



# **ELECTRICAL ENCLOSURE**



9240063 ELECTRICAL ENCLOSURE

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.