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PALISADE OUTDOOR BAR



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





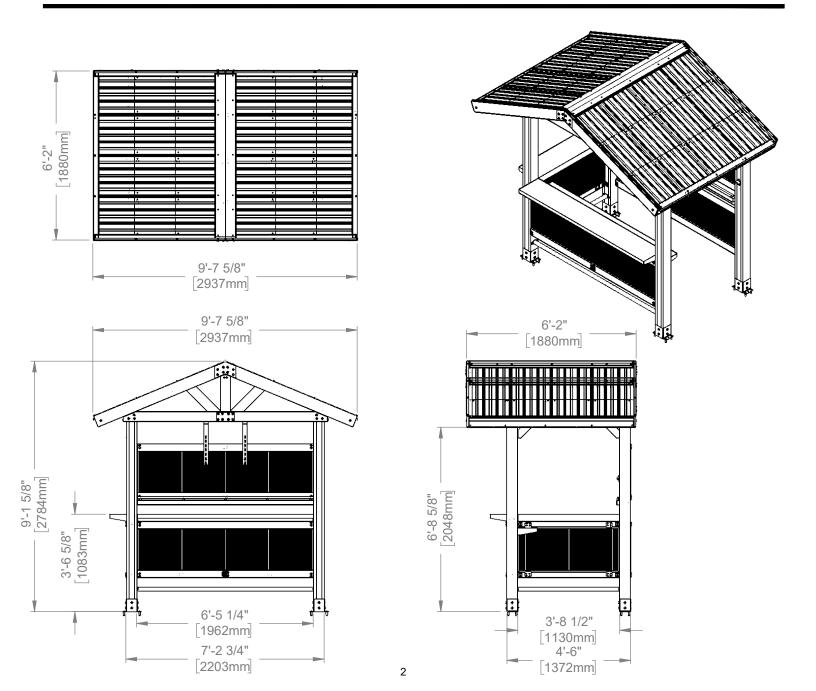
OWNER'S MANUAL - BASIC SETUP DIMENSIONS & ASSEMBLY NOTES

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

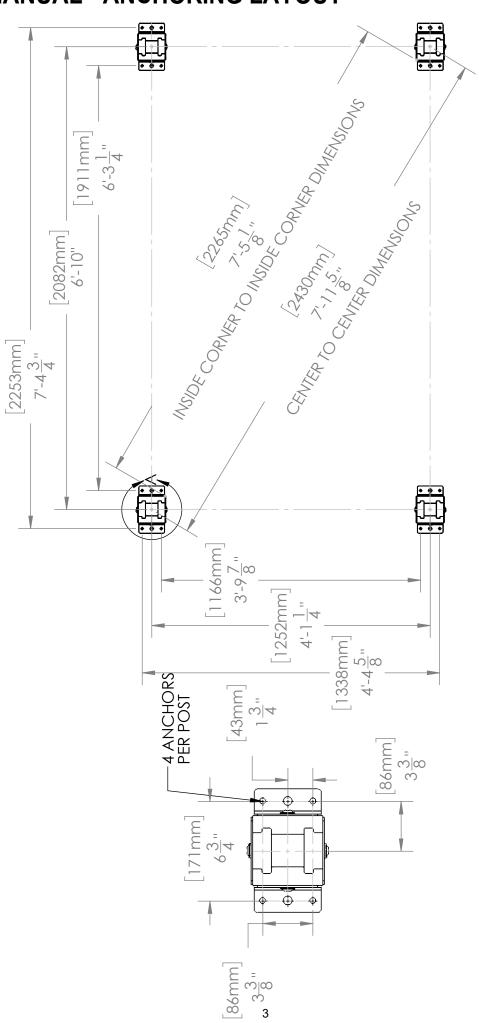
- Pay close attention to the items needed for each step. Make sure you are using the correct hardware for each step. Using incorrect hardware may result in improper assembly
- Remember to double check for underground utilities and overhead electrical lines

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.

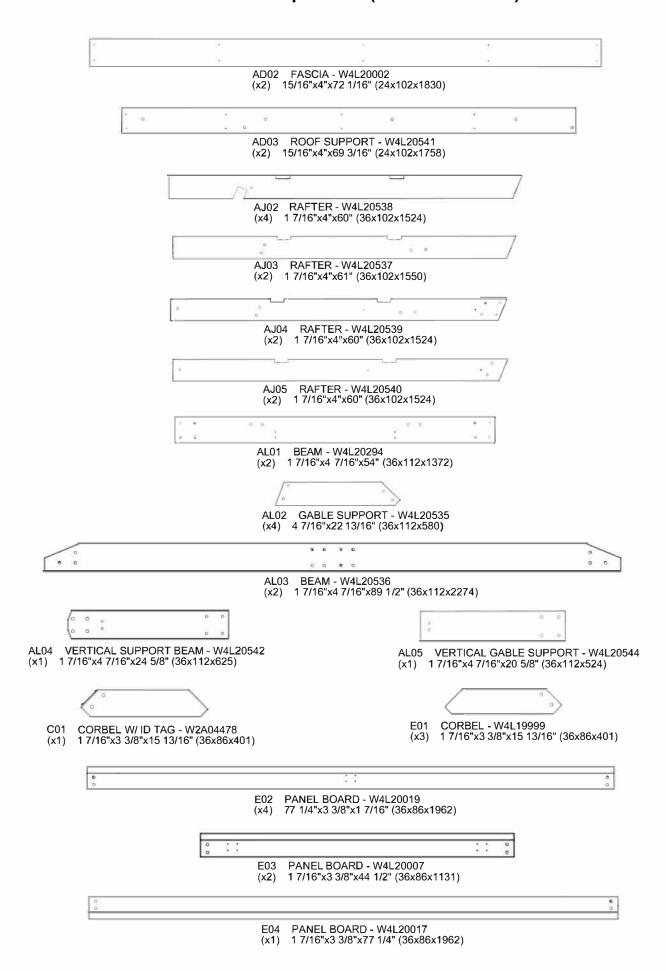
- The hardware to attach the post mounts to the structure is included.
- The hardware to mount the structure permanently to a concrete surface is included.
- The hardware to mount the structure permanently to a wood deck is NOT included and will need to be purchased separately. You must ensure there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



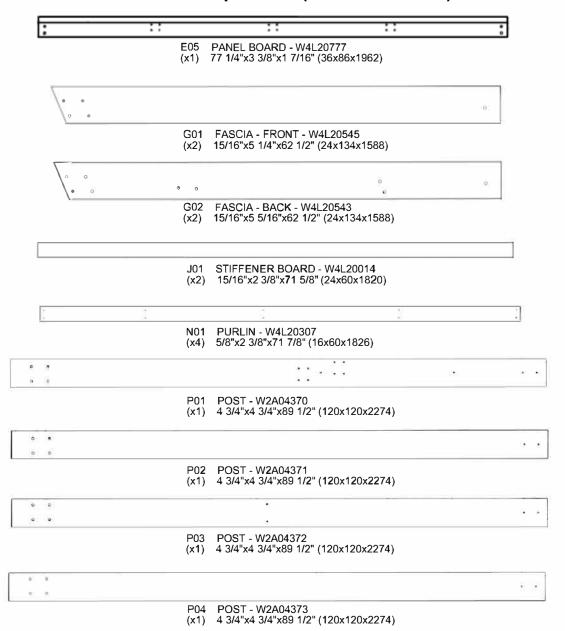
OWNER'S MANUAL - ANCHORING LAYOUT

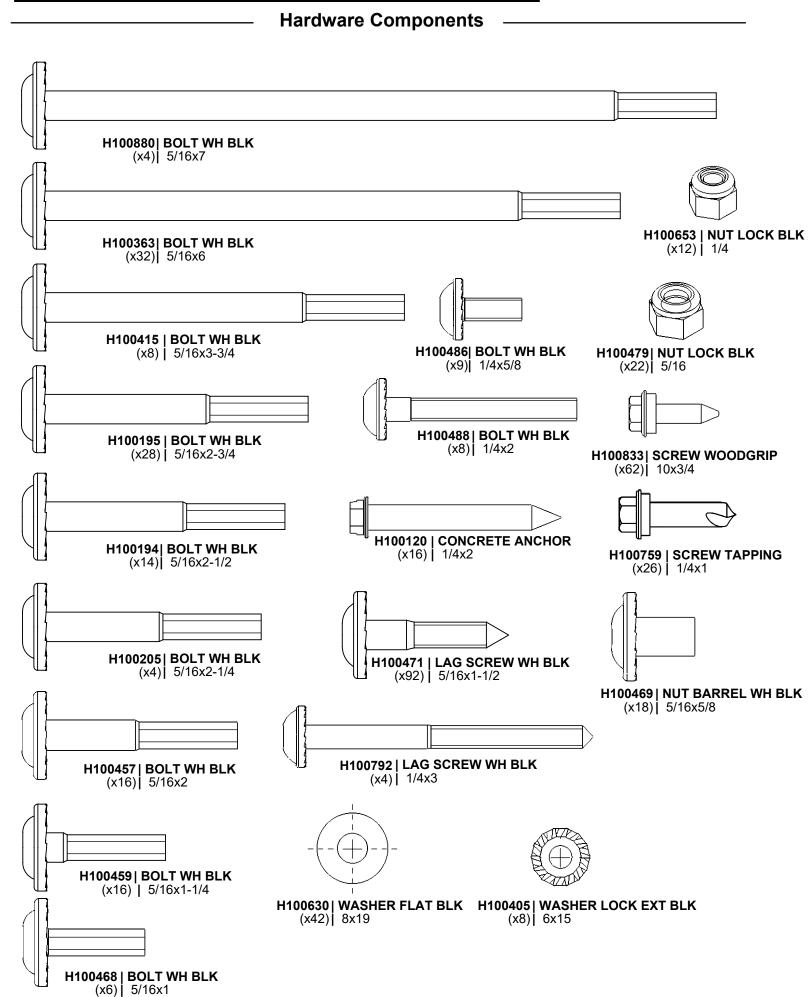


Wood Components (NOT TO SCALE)

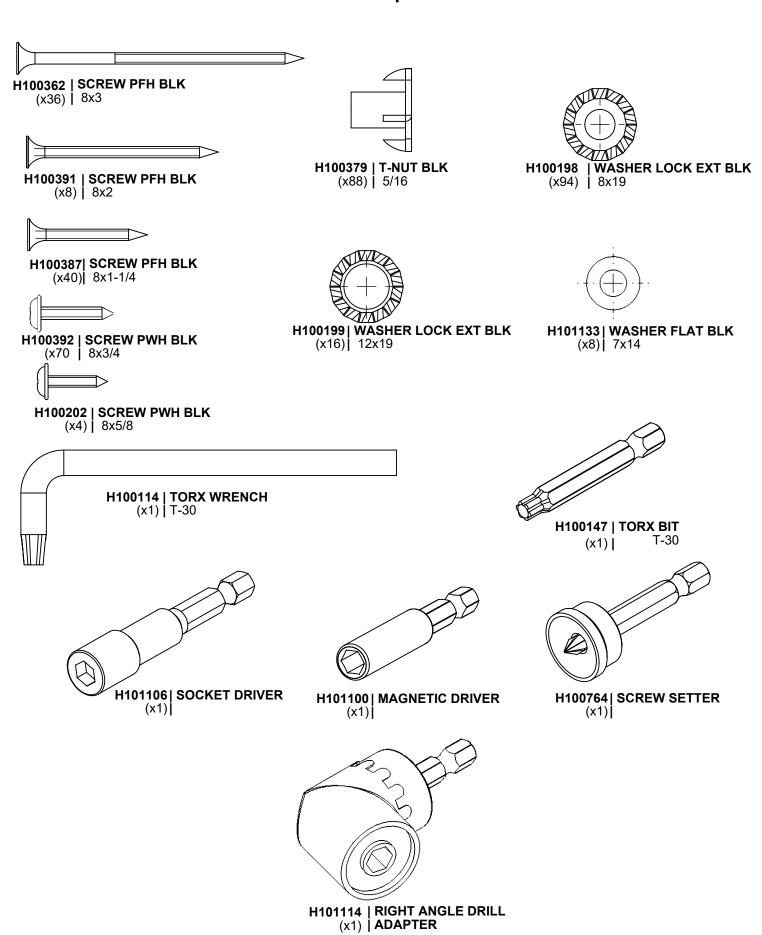


Wood Components (NOT TO SCALE)

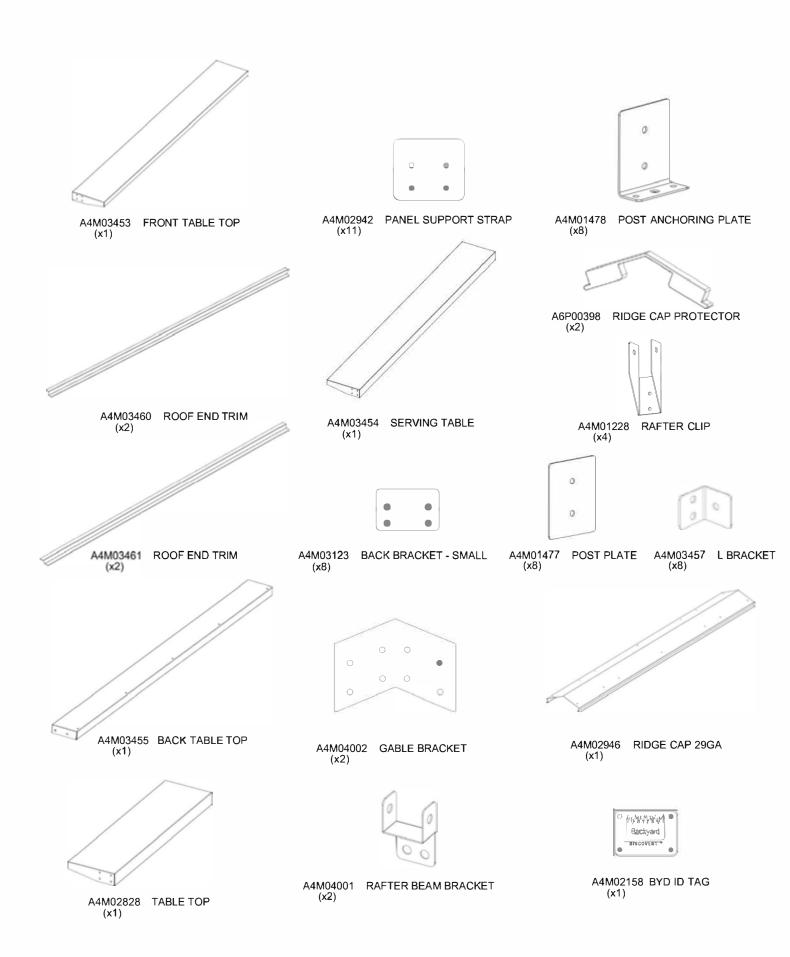




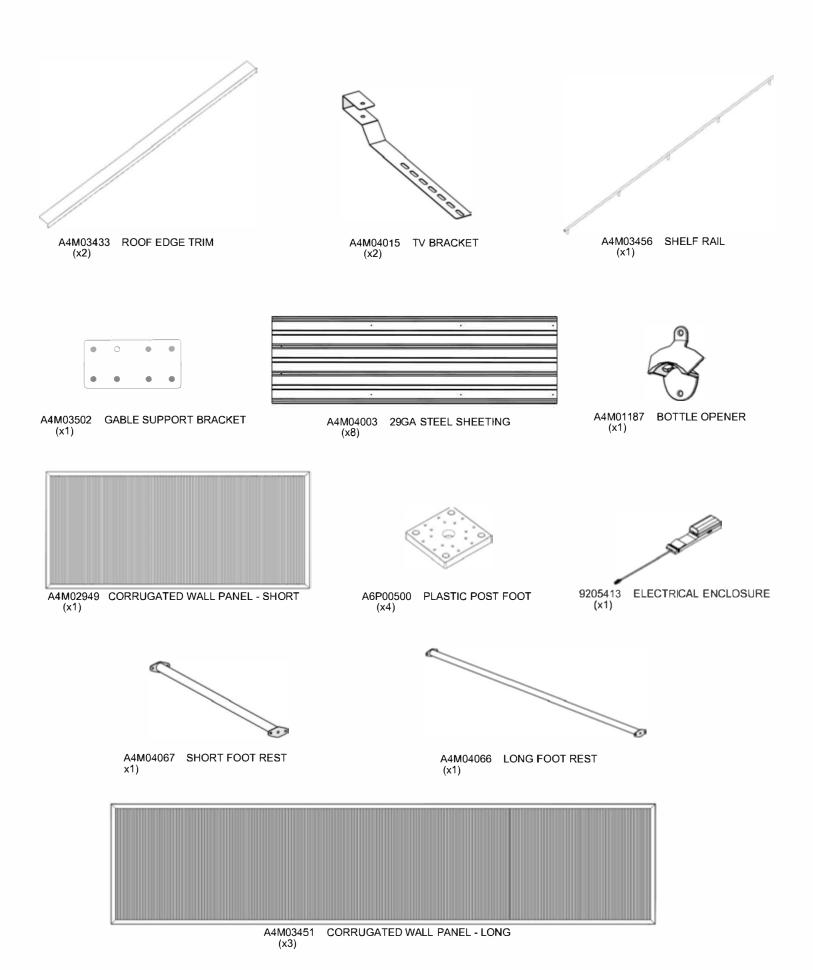
Hardware Components -



Accessory Components (NOT TO SCALE)



Accessory Components (NOT TO SCALE)



PRE-ASSEMBLY STEP 1 - SORTING WOOD 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.

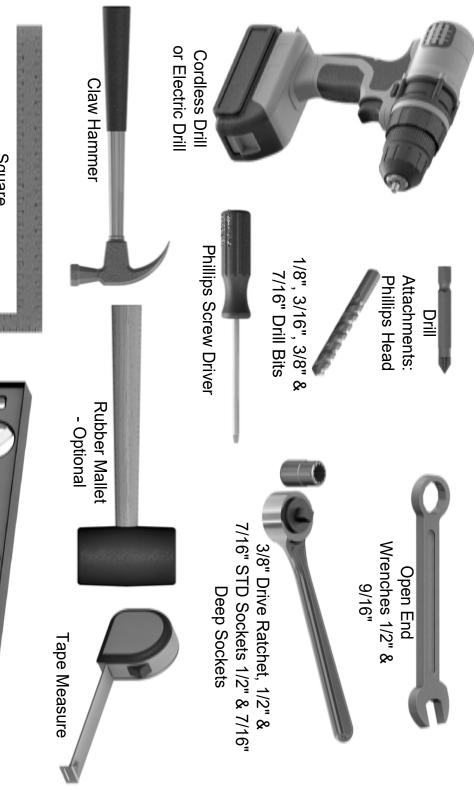


HARDWARE PARTS:

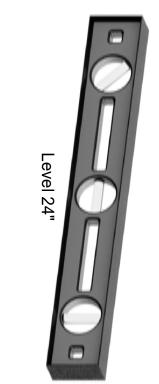
- We recommend that you have a separate table to organize the hardware.
- Hardware bags are printed with a seven-digit, alpha-numeric part number.
- You can organize your hardware by part number or group by hardware type (i.e. bolts, nuts, etc.).
- During assembly you only need to reference the last four digits of the number.



PRE-ASSEMBLY STEP 2 - TOOLS REQUIRED



Square



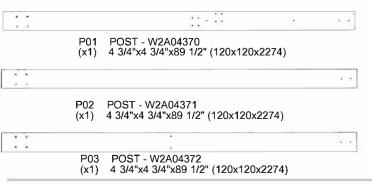
PRE-ASSEMBLY STEP 3 - CHOOSE YOUR ASSEMBLY METHOD

There are several types of assembly instructions available to you.

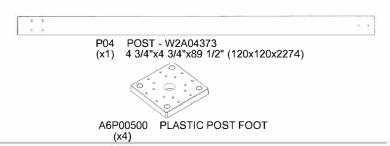
- 1. Printed Assembly Manual included with your set
- 2. BILT APP 3D interactive instructions
- 3. Combination of the Printed Manual and BILT APP (Note: Step numbers can differ between the two methods)



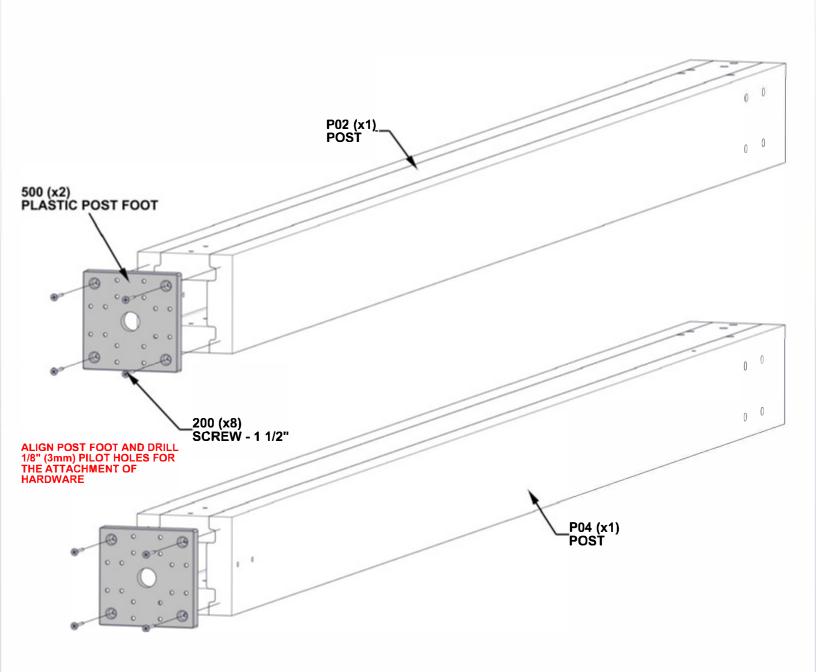
STEP 1 - OURDOOR BAR ASSEMBLY



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



- REPEAT THIS STEP FOR P01 AND P03



STEP 2 - OUTDOOR BAR ASSEMBLY



QTY	PART NUMBER	DESCRIPTION
4	H100195	BOLT WH 5/16x2 3/4 BLK
4	H100198	WASHER LOCK EXT 8x19
4	H1003 7 9	TNUT-5/16" BLK

E01 CORBEL - W4L19999 (x1) 1 7/16"x3 3/8"x15 13/16" (36x86x401)

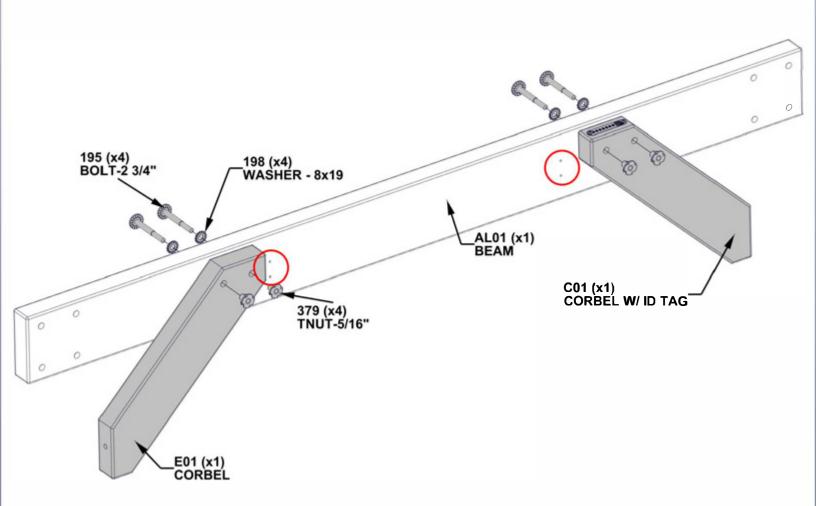
C01 CORBEL W/ ID TAG - W2A04478 (x1) 1 7/16"x3 3/8"x15 13/16" (36x86x401)

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AL01 BEAM - W4L20294 (x1) 1 7/16"x4 7/16"x54" (36x112x1372)

- NOTE ORIENTATION OF PILOT HOLES.

- INSERT T-NUTS FIRST.



STEP 3 - OUTDOOR BAR ASSEMBLY



E01	CORBEL - W4L19999
(x2)	17/16"x3 3/8"x15 13/16" (36x86x401)

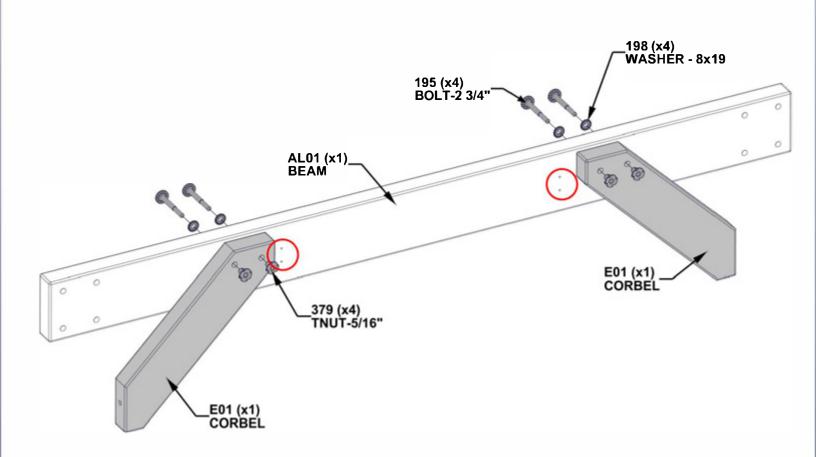
QTY	PART NUMBER	DESCRIPTION
4	H100379	TNUT-5/16" BLK
4	H100198	WASHER LOCK EXT 8x19
4	H100195	BOLT WH 5/16x2 3/4 BLK

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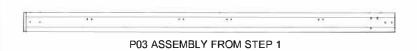
AL01 BEAM - W4L20294 (x1) 1 7/16"x4 7/16"x54" (36x112x1372)

- NOTE ORIENTATION OF PILOT HOLES.

- INSERT T-NUTS FIRST.

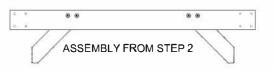


STEP 4 - OUTDOOR BAR ASSEMBLY

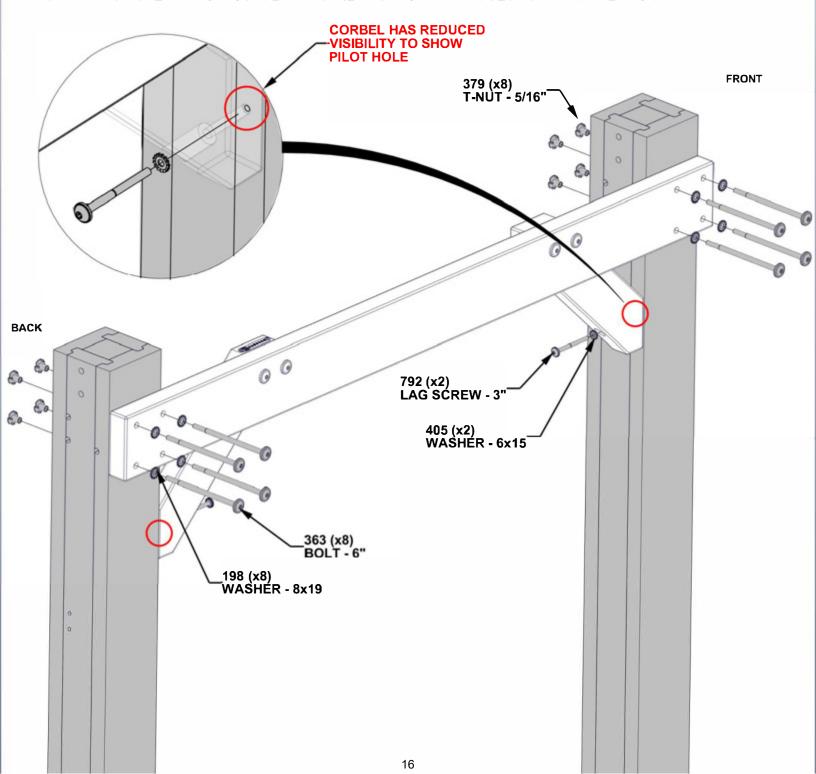


QTY	QTY PART NUMBER DESCRIPTION	
8 H100198		WASHER LOCK EXT 8x19
8	H100363	BOLT WH 5/16x6 BLK
8	H100379	T-NUT 5/16 BLK
2	H100405	WASHER LOCK EXT 6x15
2	H100792	LAG SCREW WH 1/4x3 BLK





- NOTE THE ORIENTATION OF PILOT HOLES FOR 792 LAG SCREW ON BOTH POST.
- INSERT T-NUTS FIRST.
- IMPORTANT TO NOTE THAT C01 CORBEL WITH THE PRODUCT ID TAG GOES TOWARDS THE BACK.



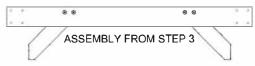
STEP 5 - OUTDOOR BAR ASSEMBLY

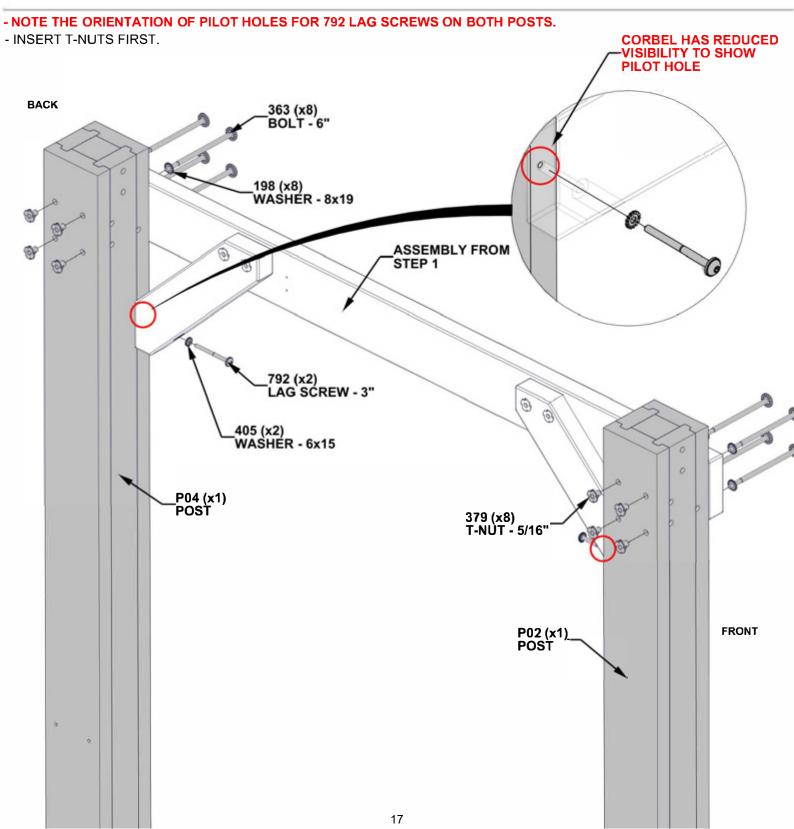
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P04 ASSEMBLY	FROM STEP 1	

QTY	PART NUMBER	DESCRIPTION
8	H100198	WASHER LOCK EXT 8x19
8	H100363	BOLT WH 5/16x6 BLK
8	H1003 7 9	T-NUT 5/16 BLK
2	H100405	WASHER LOCK EXT 6x15
2	H100792	LAG SCREW WH 1/4x3 BLK

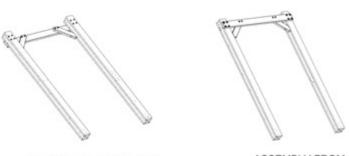
P02 ASSEMBLY FROM STEP 1

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STEP 6 - OUTDOOR BAR ASSEMBLY



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QTY PART NUMBER DESCRIPTION

WASHER LOCK EXT 8x19

BOLT WH 5/16x6 BLK

T-NUT 5/16 BLK

H100198

H100363

H100379

12

12

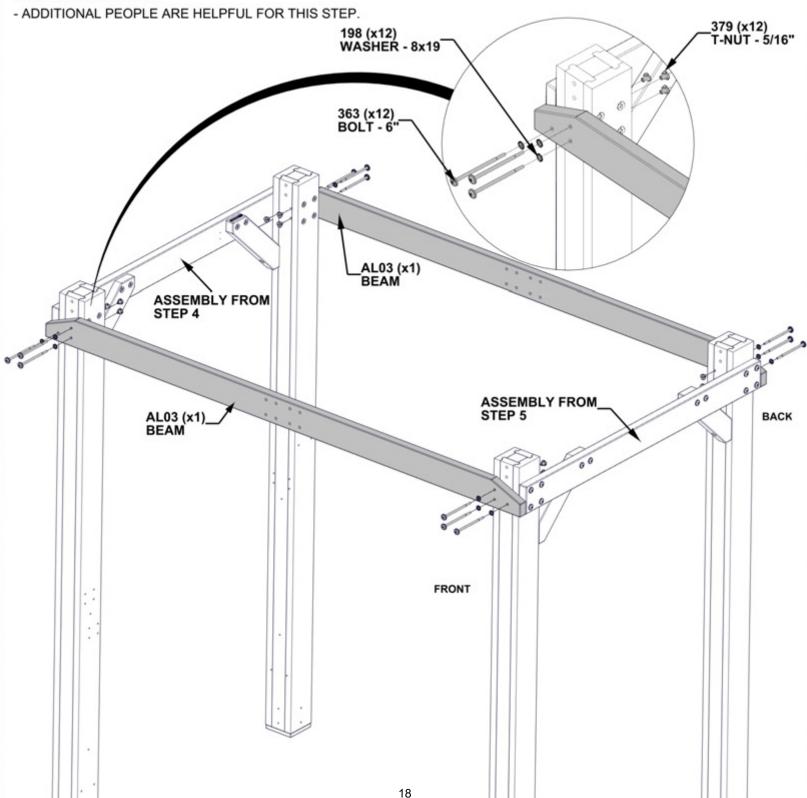
12

AL03 BEAM - W4L20536 (x2) 1 7/16"x4 7/16"x89 1/2" (36x112x2274)

ASSEMBLY FROM STEP 4

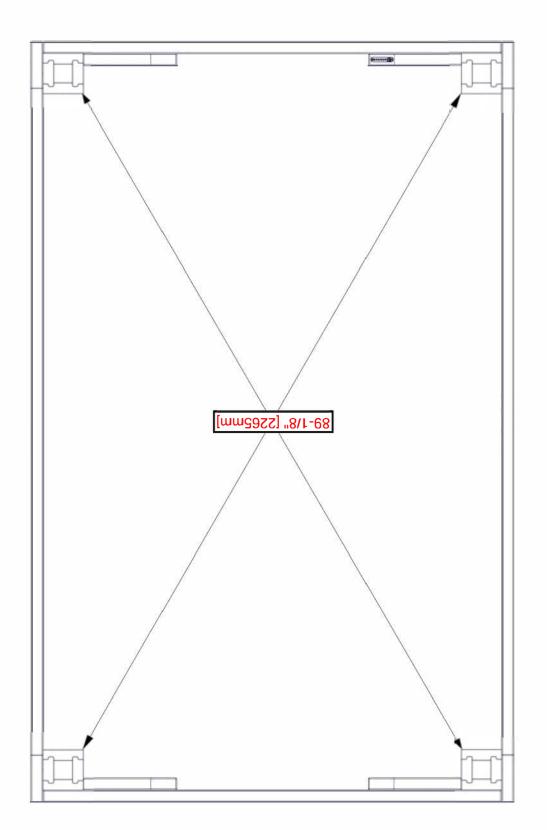
ASSEMBLY FROM STEP 5

- INSERT T-NUTS FIRST

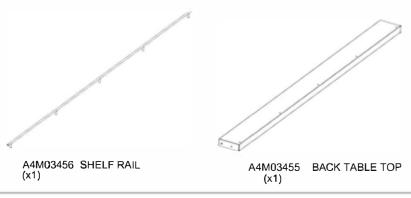


STEP 7 - OUTDOOR BAR ASSEMBLY

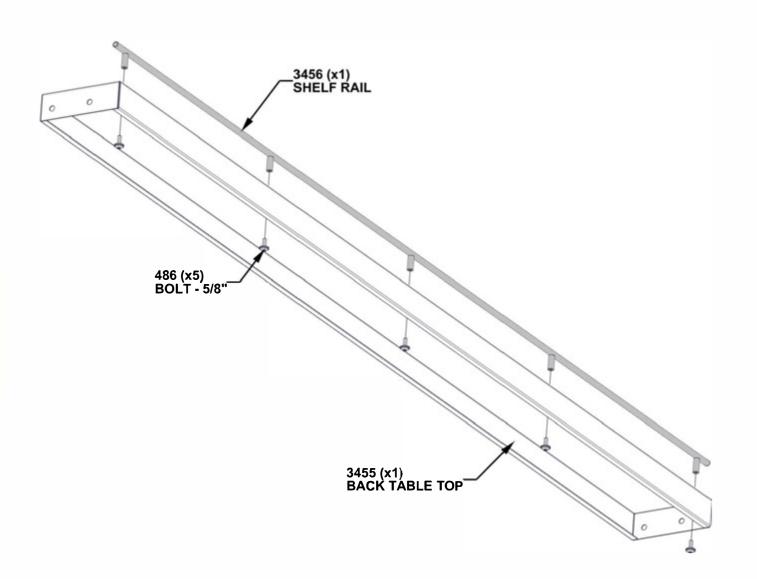
- **CRITICAL:**
- SQUARE UNIT BEFORE PROCEEDING TO NEXT STEPS.
- THE BELOW DIMENIONS ARE CRITICAL TO THE FINAL ASSEMBLY.
 MEASUREMENTS SHOULD BE WITHIN +/- 1/4" (6mm).
 MEASUREMENTS OUTSIDE OF TOLERANCE WILL LEAD TO ISSUES ON FUTURE ASSEMBLY
- STEPS.



STEP 8 - TABLE ASSEMBLY



200	QTY	PART NUMBER	DESCRIPTION
7	5	H100486	BOLT WH 1/4x5/8 BLK

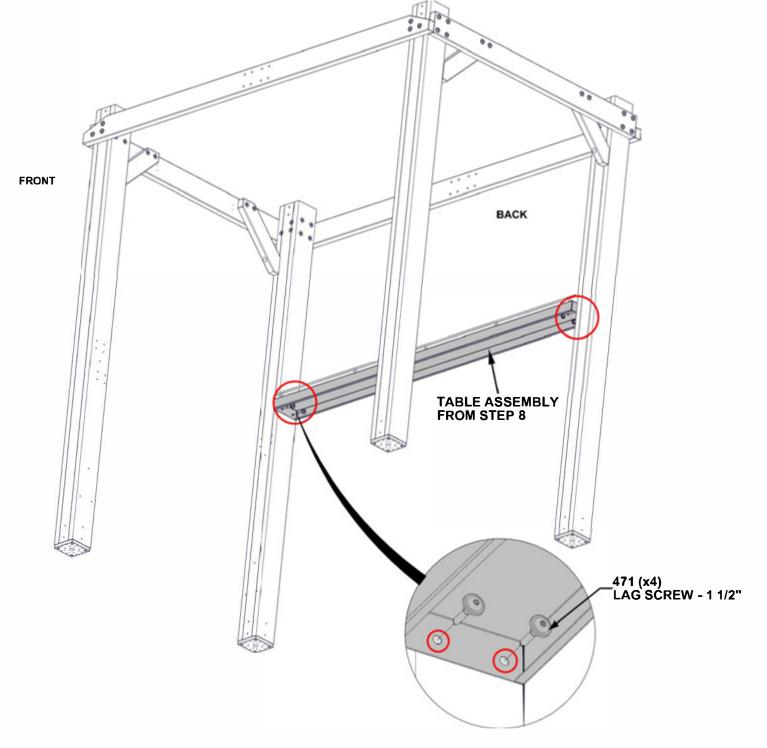


STEP 9 - TABLE ASSEMBLY



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

- TO ENSURE TABLE IS INSTALLED CORRECTLY, RAIL SHOULD GO TOWARD FRONT OF BAR.
- ALIGN HOLES IN TABLE WITH PILOT HOLES ON BOTH BACK POSTS AS SHOWN BELOW. ADDITIONAL PEOPLE ARE HELPFUL FOR THIS STEP.

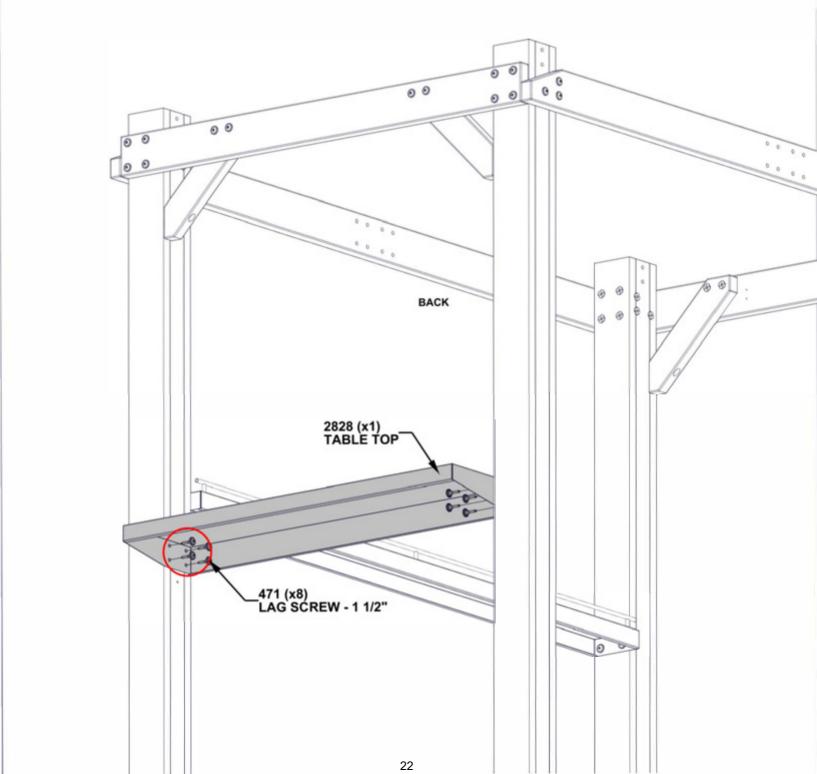


STEP 10 - TABLE ASSEMBLY



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

- ALIGN HOLES WITH PILOT HOLES ON BOTH POSTS. ADDITIONAL PEOPLE ARE HELPFUL FOR THIS STEP

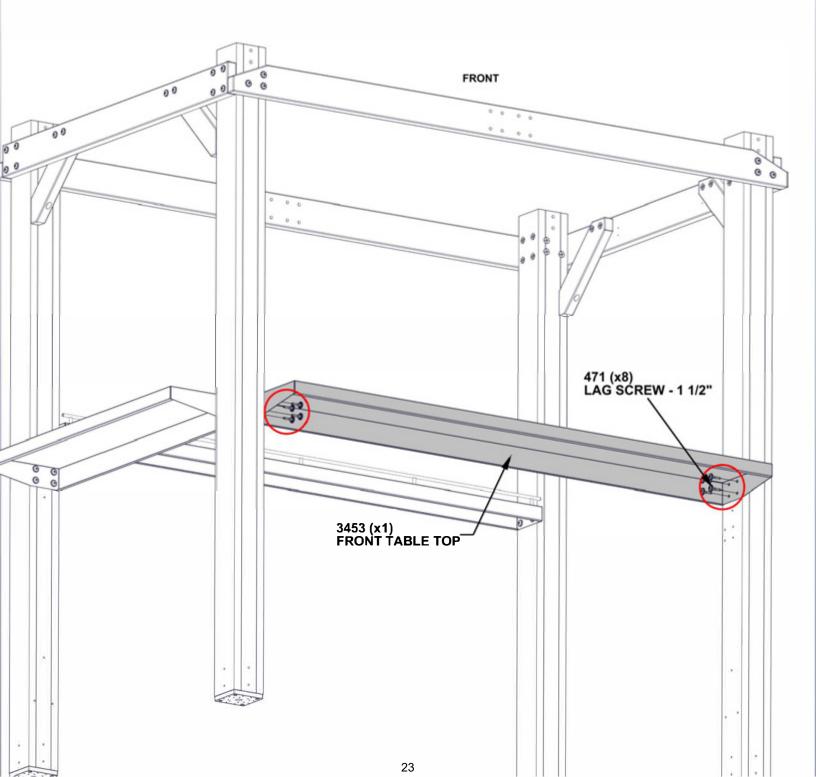


STEP 11 - TABLE ASSEMBLY



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

- ALIGN HOLES WITH TOP SET OF PILOT HOLES ON POSTS. ADDITIONAL PEOPLE ARE HELPFUL FOR THIS STEP.

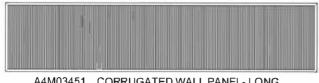


STEP 12A - BACK WALL ASSEMBLY QTY PART NUMBER | DESCRIPTION

PANEL BOARD - W4L20019

•	Q I	PARTITOMIDER	DESCRIPTION
	16	H100199	WASHER LOCK EXT 12x19
	16	H100392	SCREW PWH 8x3/4 BLK
	16	H100459	BOLT WH 5/16x1 1/4 BLK
	16	H100469	NUT BARREL WH 5/16X5/8 BLK

77 1/4"x3 3/8"x1 7/16" (36x86x1962)



A4M03451 CORRUGATED WALL PANEL- LONG (x2)



A4M02942 PANEL SUPPORT STRAP A4M03123 BACK BRACKET - SMALL (x4)



(8x)

- COMPLETE THIS STEP TWICE.

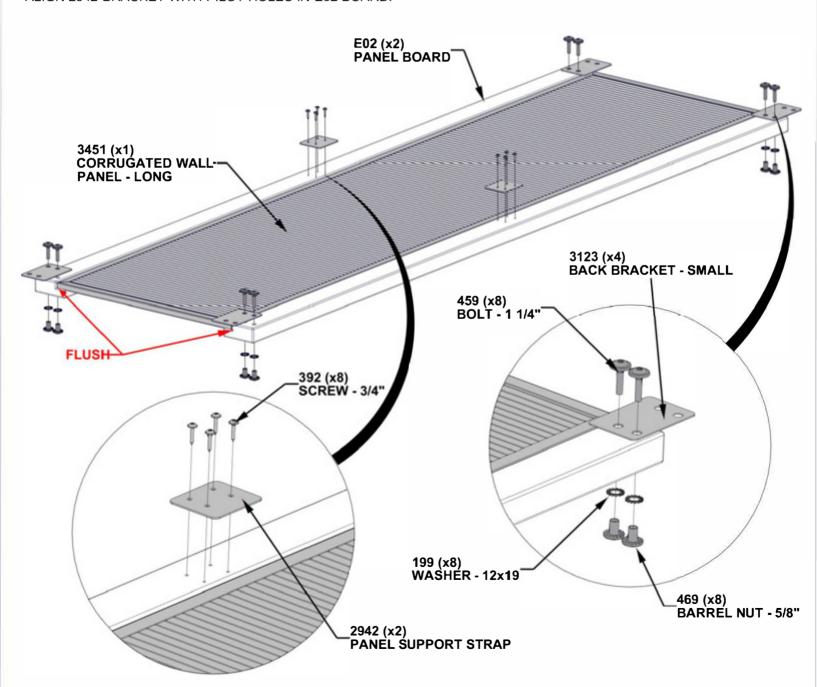
- SUPPORT STRAP MUST OVERLAP PANEL TO HOLD CORRUGATED SHEET IN PLACE.

- ENSURE E02 BOARDS ARE FLUSH WITH END OF WALL PANEL.

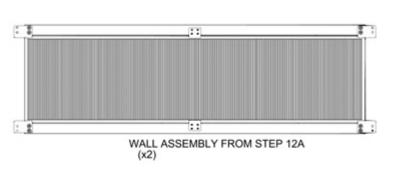
- NOTE POSITION OF SUPPORT STRAP 2942 AND BRACKET 3123 ARE ORIENTED CORRECTLY.

- SUPPORT STRAP MUST OVERLAP PANEL TO HOLD CORRUGATED SHEET IN PLACE.

- ALIGN 2942 BRACKET WITH PILOT HOLES IN E02 BOARD.

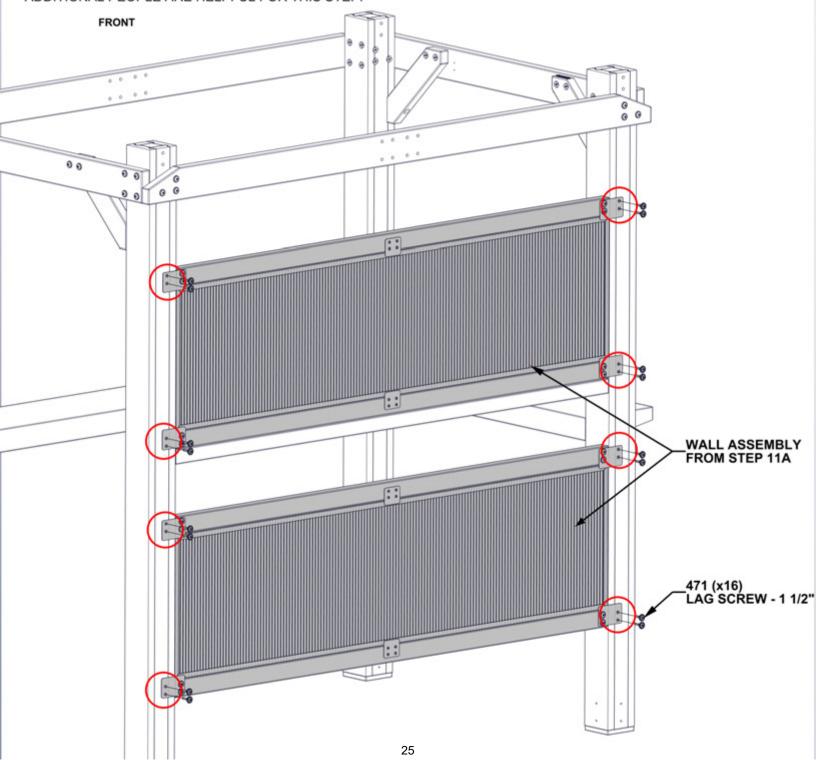


STEP 12B - BACK WALL ASSEMBLY



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

- MAY NEED TO LOOSEN TABLE HARDWARE FROM STEP 9 TO GET THE WALL PANELS TO FIT. AFTER PANELS ARE IN AND FASTENED, TIGHTEN TABLE BACK INTO PLACE.
- ALIGN BRACKET WITH PILOT HOLES ON POSTS.
- ADDITIONAL PEOPLE ARE HELPFUL FOR THIS STEP.



STEP 13A - SIDE WALL ASSEMBLY



A4M02949 CORRUGATED WALL PANEL - SHORT (x1)

E03 PANEL BOARD - W4L20007 (x2) 1 7/16"x3 3/8"x44 1/2" (36x86x1131)

QTY	PART NUMBER	DESCRIPTION
8	H100198	WASHER LOCK EXT 8x19
16	H100392	SCREW PWH 8x3/4 BLK
8	H100457	BOLT WH 5/16x2 BLK
8	H100479	NUT LOCK 5/16 BLK
8	H100630	WASHER FLAT 8x19 BLK

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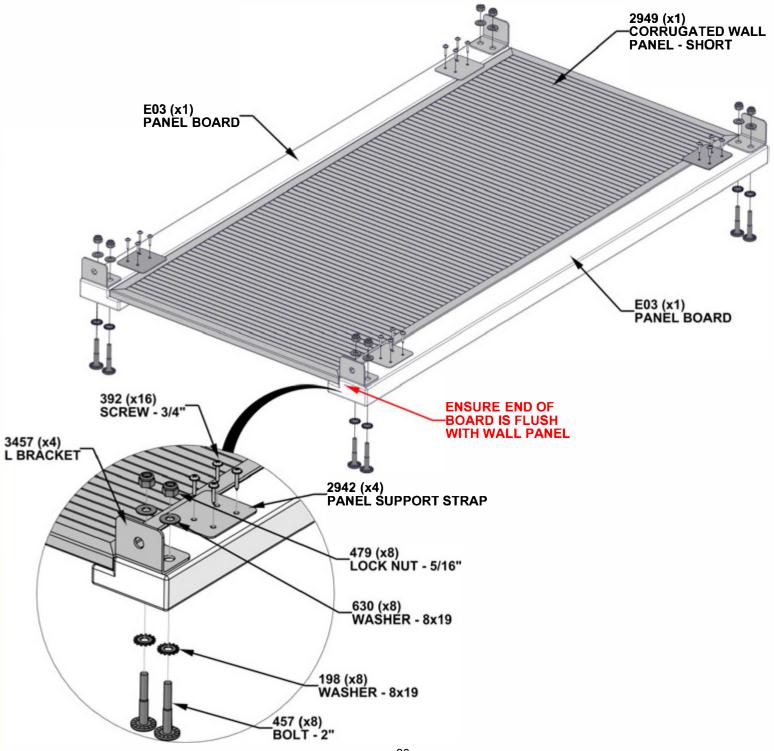
A4M02942 PANEL SUPPORT STRAP (x4)



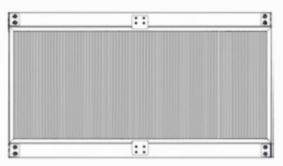
A4M03457 L BRACKET (x4)

- SUPPORT STRAP MUST OVERLAP PANEL TO HOLD CORRUGATED SHEET IN PLACE.

- ENSURE BRACKET 2942 AND 3457 ARE ORIENTED CORRECTLY.
- ALIGN 2942 BRACKET WITH PILOT HOLES IN E03 BOARDS.



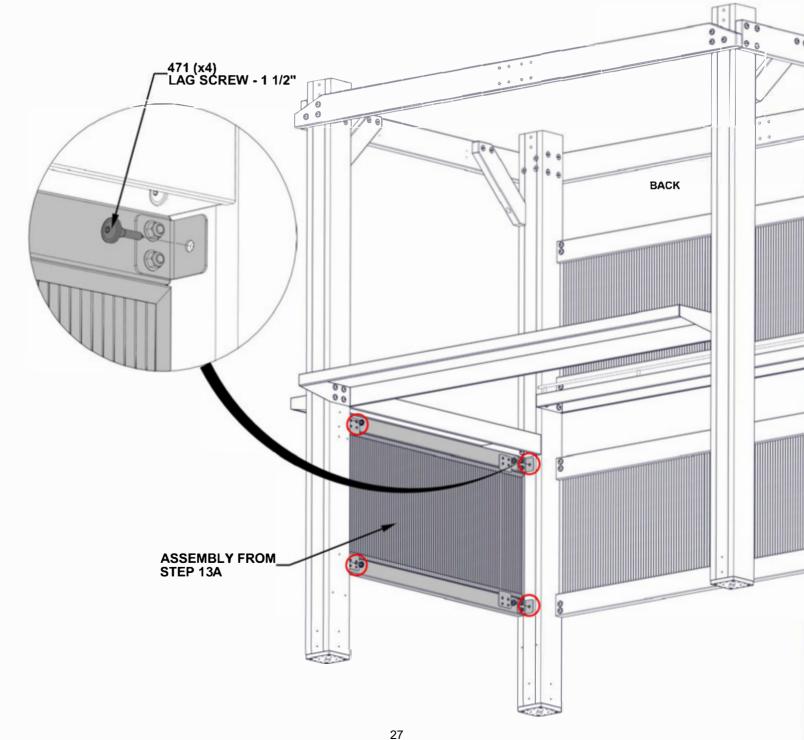
STEP 13B - SIDE WALL ASSEMBLY



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

ASSEMBLY FROM STEP 13A

- MAY NEED TO LOOSEN TABLE HARDWARE FROM STEP 10 TO GET THE WALL PANELS TO FIT. AFTER PANELS ARE IN AND FASTENED, TIGHTEN TABLE BACK INTO PLACE.
- ALIGN HOLES WITH PILOT HOLES ON POSTS. ADDITIONAL PEOPLE ARE HELPFUL FOR THIS STEP.



STEP 14A - FRONT WALL ASSEMBLY

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	E04	PANEL BOARD - W4L20017 1 7/16"x3 3/8"x77 1/4" (36x86x1962)	

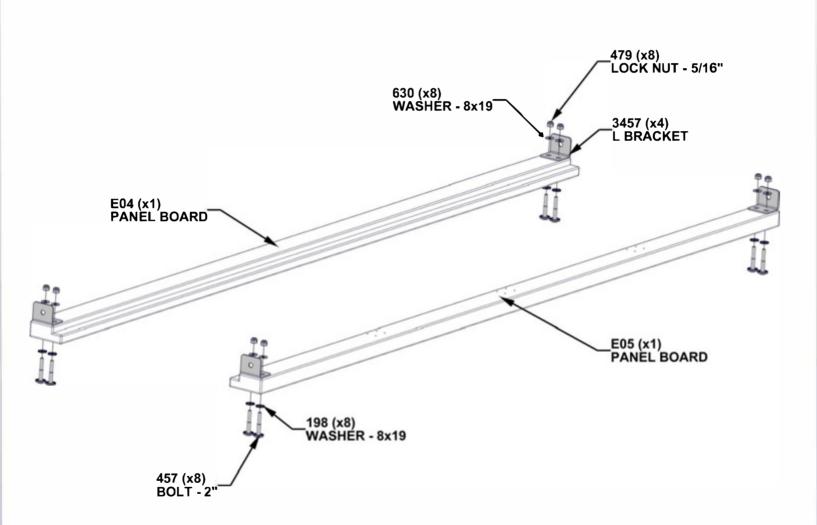
QTY	PART NUMBER	DESCRIPTION
8	H100198	WASHER LOCK EXT 8x19
8	H100457	BOLT WH 5/16x2 BLK
8	H100479	NUT LOCK 5/16 BLK
8	H100630	WASHER FLAT 8x19 BLK

: 3 3 5

E05 PANEL BOARD - W4L20777 (x1) 77 1/4"x3 3/8"x1 7/16" (36x86x1962)

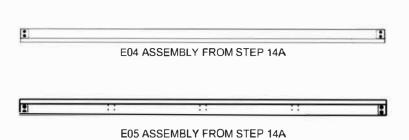


- NOTE ORIENTATION OF L-BRACKET WHEN INSTALLED.



STEP 14B - FRONT WALL ASSEMBLY

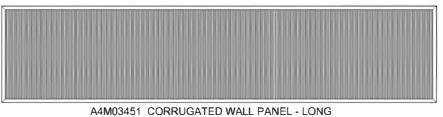
QTY	PART NUMBER	DESCRIPTION
4	H100471	LAG SCREW WH 5/16x1 1/2 BLK



- TO ENSURE PROPER INSTALLATION, PILOT HOLES ON E02 FROM PREVIOUS STEP NEEDS TO BE **ORIENTATED AS SHOWN BELOW.**
- ALIGN HOLES WITH PILOT HOLES ON POSTS. ADDITIONAL PEOPLE ARE HELPFUL FOR THIS STEP. 000 **BACK E04 ASSEMBLY** FROM STEP 14A 471 (x4) LAG SCREW - 1 1/2" **E05 ASSEMBLY FROM STEP 14A**

STEP 14C - FRONT WALL ASSEMBLY

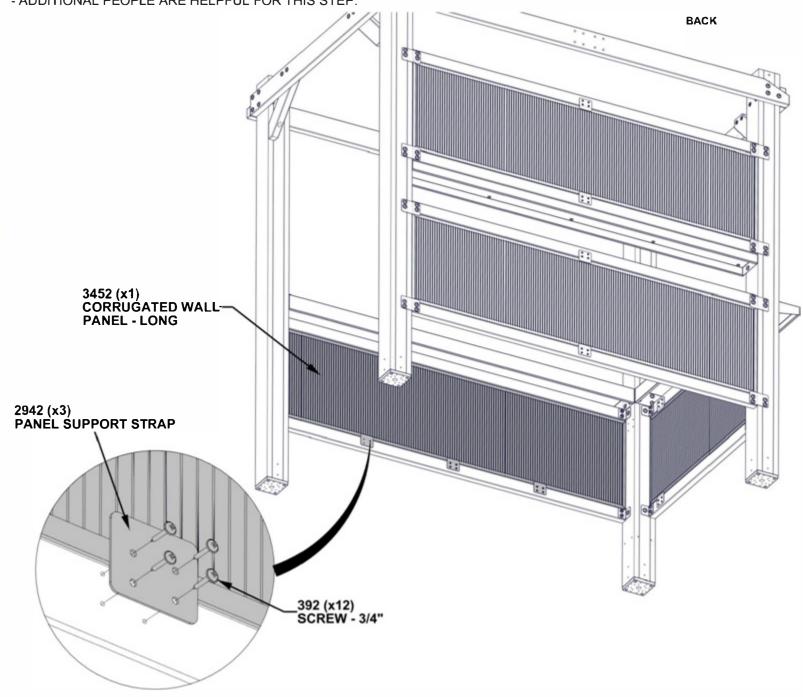
QTY	PART NUMBER	DESCRIPTION
12	H100392	SCREW PWH 8x3/4 BLK





A4M02942 PANEL SUPPORT STRAP

- MAY NEED TO LOOSEN TABLE HARDWARE FROM STEP 10 TO GET THE WALL PANELS TO FIT. AFTER PANELS ARE IN AND FASTENED, TIGHTEN TABLE BACK INTO PLACE.
- TOP OF CORRUGATED WALL PANEL WILL BE SECURED IN NEXT STEP.
- INSERT 3541 CORRUGATED WALL PANEL FIRST.
- ENSURE CORRECT ORIENTATION OF 2942 BRACKET.
- ALIGN PILOT HOLES ON LOWER BOARD WITH HOLES ON 2942 BRACKET AS SHOWN BELOW.
- ADDITIONAL PEOPLE ARE HELPFUL FOR THIS STEP.

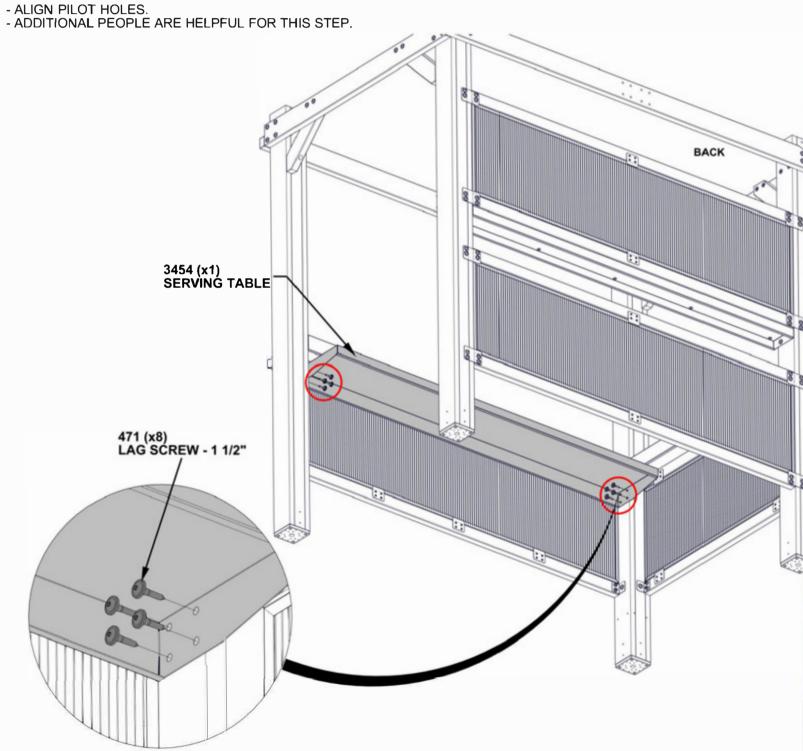


STEP 15 - TABLE ASSEMBLY

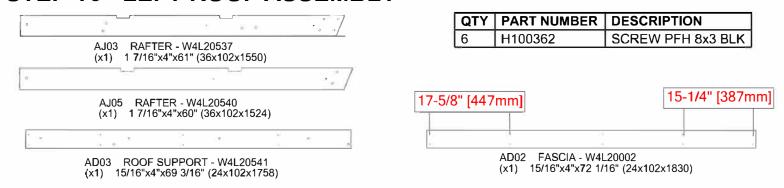


	QTY	PART NUMBER	DESCRIPTION
1	8	H100471	LAG SCREW WH 5/16x1 1/2 BLK

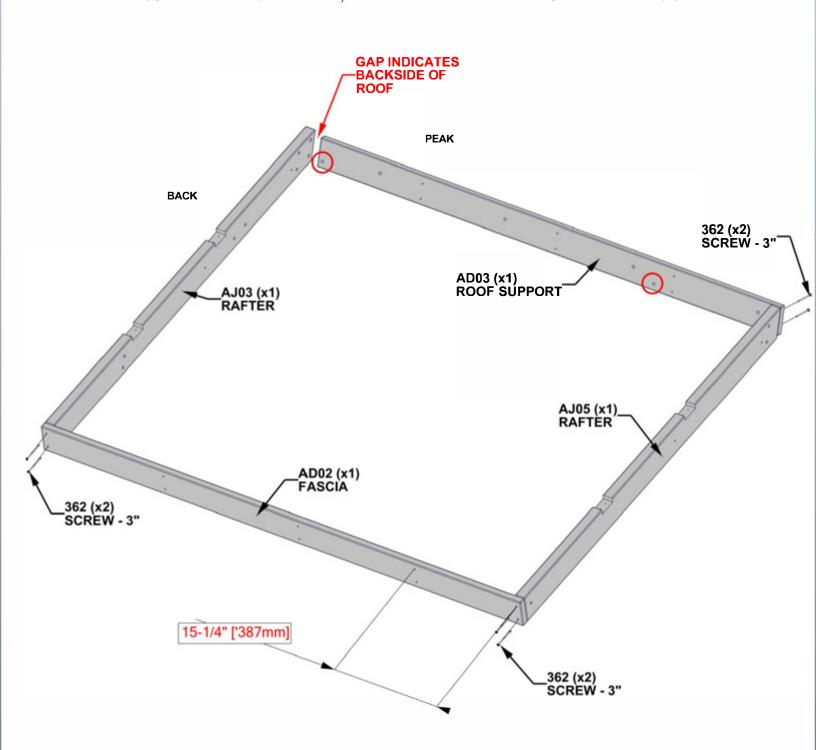
- MAY NEED TO LOOSEN TABLE HARDWARE FROM STEP 11 AND WALL PANEL FROM STEP 13 TO GET THE WALL PANELS TO FIT. AFTER PANELS ARE IN AND FASTENED, TIGHTEN TABLE BACK INTO PLACE.



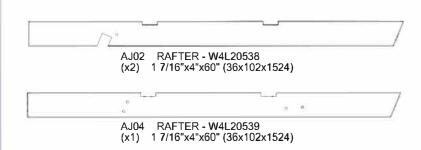
STEP 16 - LEFT ROOF ASSEMBLY



WARNING: TO ENSURE PROPER INSTALLATION, PAY ATTENTION TO THE LAYOUT OF THE HOLES SHOWN BELOW

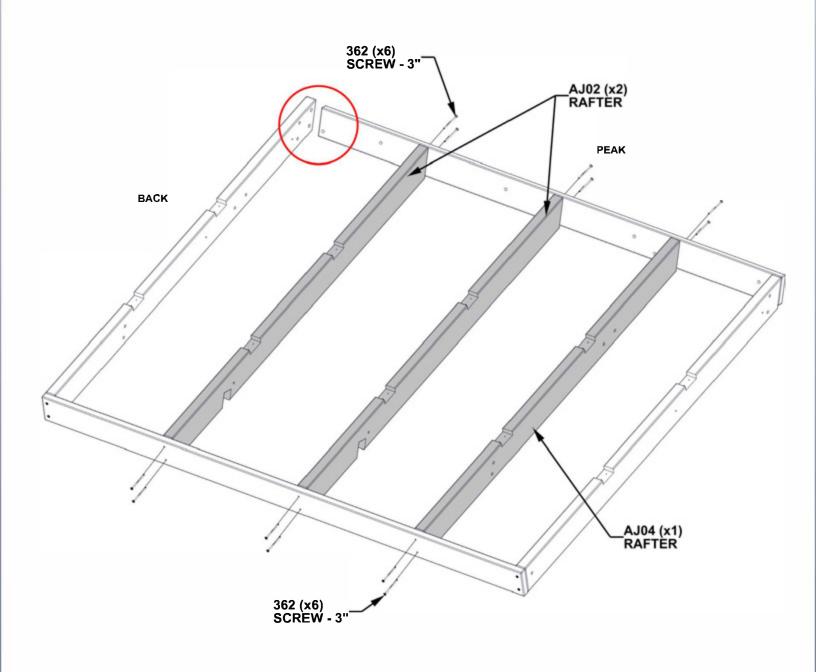


STEP 17 - LEFT ROOF ASSEMBLY



I	QTY	PART NUMBER	DESCRIPTION
	12	H100362	SCREW PFH 8x3 BLK

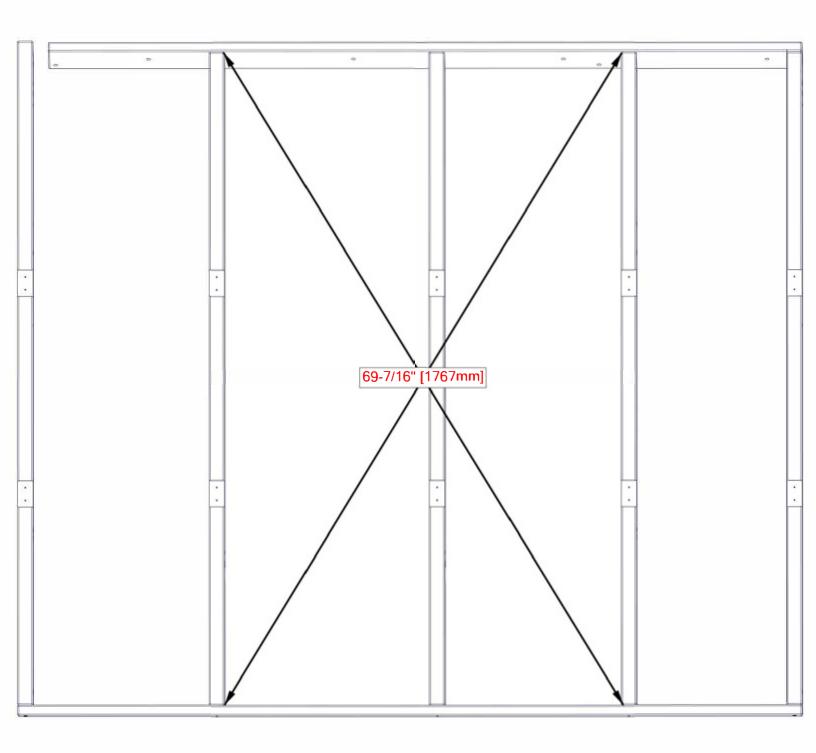
- GAP GOES TOWARD BACK.



STEP 18 - LEFT ROOF ASSEMBLY

CRITICAL:

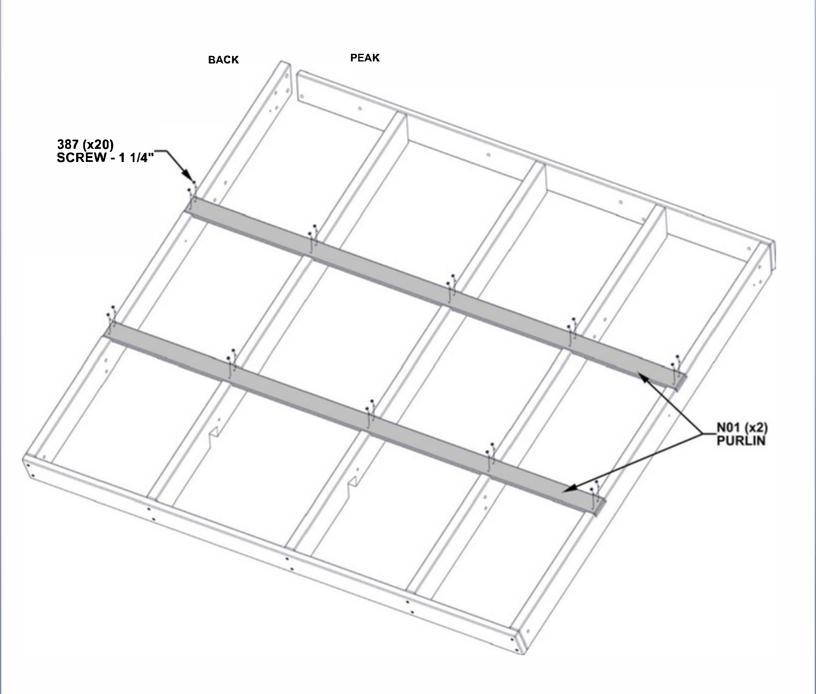
- SQUARE UNIT BEFORE PROCEEDING TO NEXT STEPS.
 THE BELOW DIMENSIONS ARE CRITICAL TO THE FINAL ASSEMBLY.
 MEASUREMENTS SHOUD BE WITHIN +/- 1/4" (6mm).
 MEASUREMENTS OUTISDE OF TOLERANCE WILL LEAD TO ISSUES ON FUTURE ASSEMBLY STEPS.



STEP 19 - LEFT ROOF ASSEMBLY

j	QTY	PART NUMBER	DESCRIPTION
Ö	20	H100387	SCREW PFH 8x1 1/4 BLK

N01 PURLIN - W4L20307 (x2) 5/8"x2 3/8"x71 7/8" (16x60x1826)

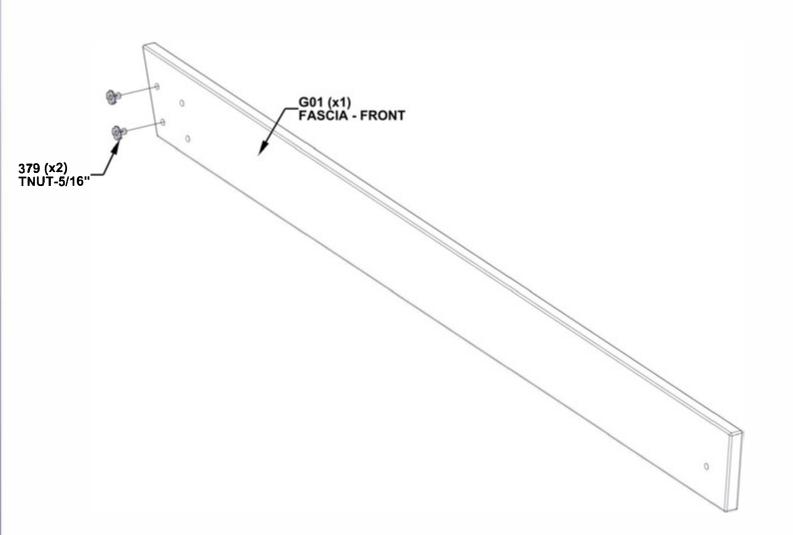


STEP 20 - LEFT ROOF ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
2	H100379	TNUT-5/16" BLK



G01 FASCIA - FRONT - W4L20545 (x1) 15/16"x5 1/4"x62 1/2" (24x134x1588)



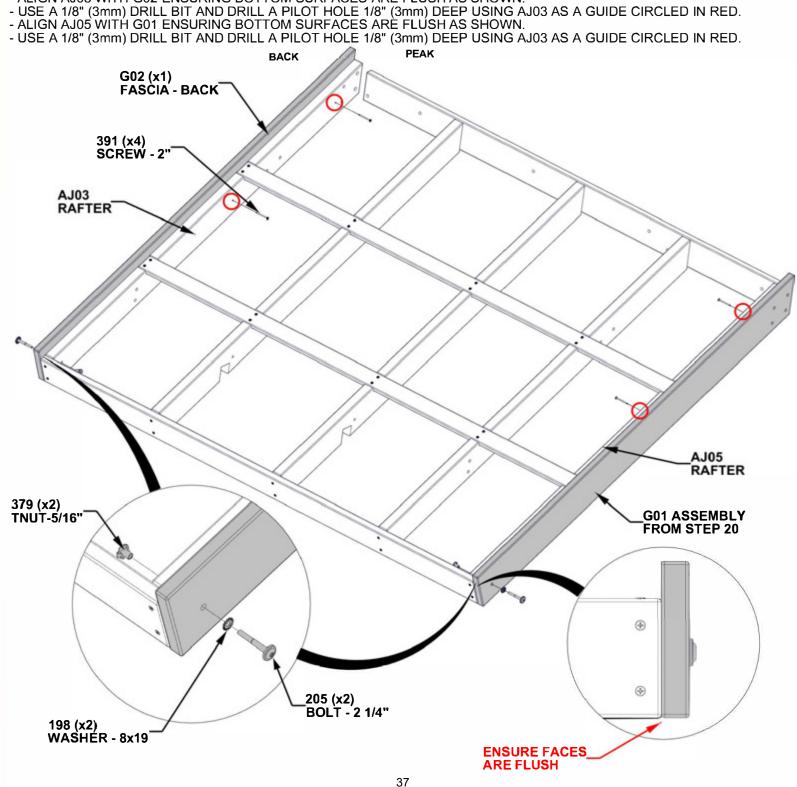
STEP 21 - LEFT ROOF ASSEMBLY

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		FASCIA - BACK - W4L20543 15/16"x5 5/16"x62 1/2" (24x134x1588)	
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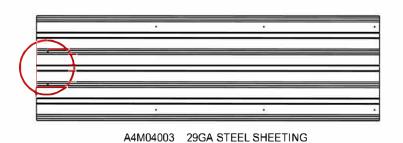
QTY	PART NUMBER	DESCRIPTION
2	H100198	WASHER LOCK EXT 8x19
2	H100205	BOLT WH 5/16x2 1/4 BLK
2	H1003 7 9	TNUT-5/16" BLK
4	H100391	SCREW PFH 8x2 BLK

G01 ASSEMBLY FROM STEP 20

- INSERT T-NUTS FIRST.
- ALIGN AJ03 WITH G02 ENSURING BOTTOM SURFACES ARE FLUSH AS SHOWN.



STEP 22 - LEFT ROOF ASSEMBLY

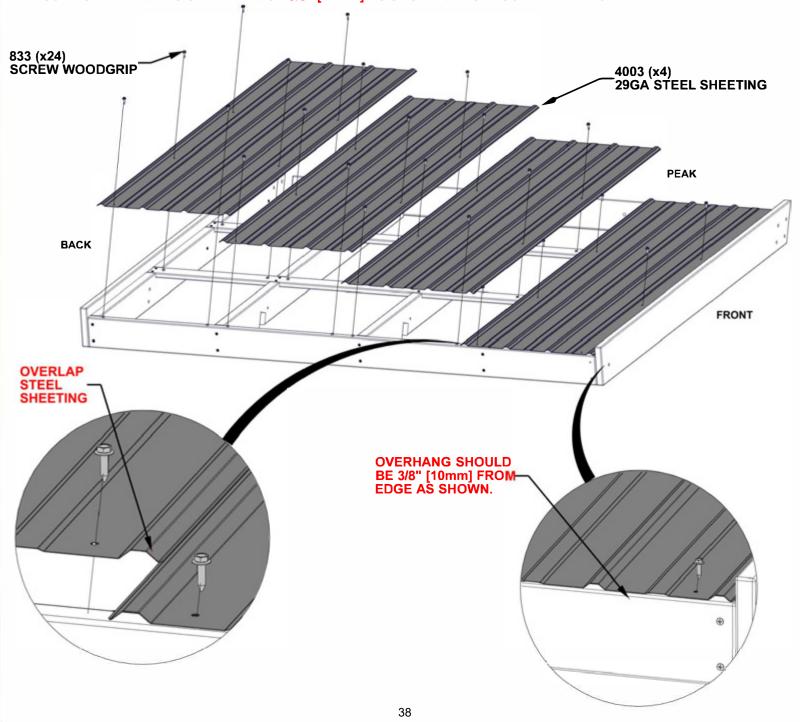


QTY	PART NUMBER	DESCRIPTION
24	H100833	SCREW WOODGRIP 10-16x3/4"

- WARNING : GLOVES ARE RECOMMENDED WHEN HANDLING STEEL.
- REMOVE PROTECTIVE BLUE FILM.

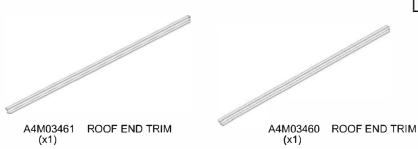
(x4)

- OVERLAP PANELS AS SHOWN.
- 1. THE END WITH 2 HOLES CLOSER TOGETHER, AS SHOWN ABOVE, INDICATES THE TOP OF THE PANEL.
- 2. WITH THE PEAK OF ROOF ON OPPOSITE END AS PICTURED, PLACE TIN SHEETS DOWN.
 3. STARTING AT THE FRONT SIDE AND WORKING TOWARD THE BACK SIDE OVER LAPPING BY ONE RIB.
- 4. ENSURE SHEETING HAS OVERHANG OF 3/8" [10mm] AS SHOWN BELOW. SCREW IN PLACE.

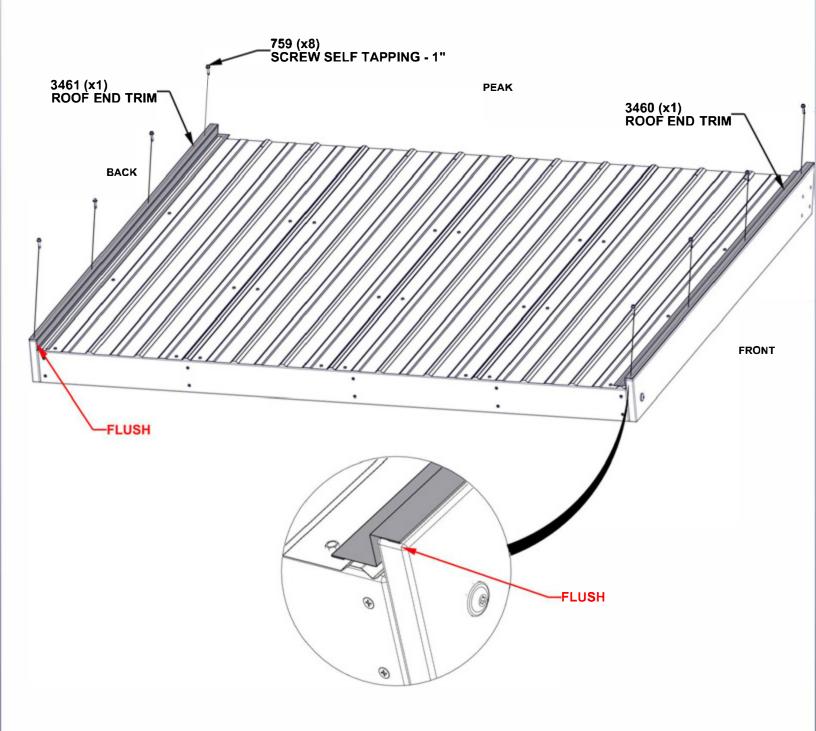


STEP 23 - LEFT ROOF ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
8	H100 7 59	SCREW WOODGRIP 10-16x3/4"



- WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL.
- REMOVE PROTECTIVE BLUE FILM.
- PLACE SCREWS INLINE WITH ROOF SHEET SCREWS. ENSURE THAT 3461 AND 3460 ARE FLUSH WITH ENDS.

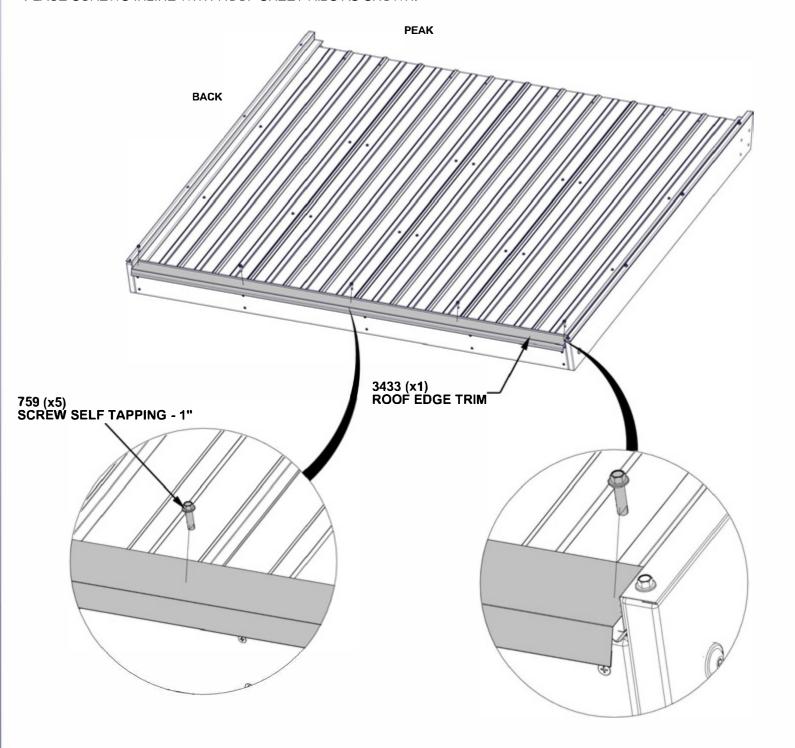


STEP 24 - LEFT ROOF ASSEMBLY

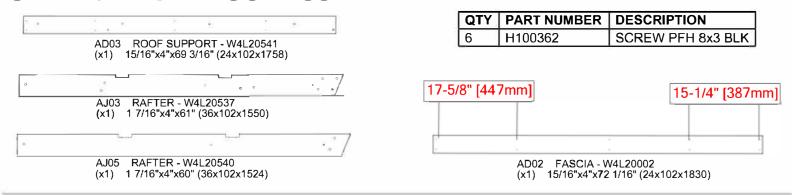


QTY	PART NUMBER	DESCRIPTION
5	H100 7 59	SCREW WOODGRIP 10-16x3/4"

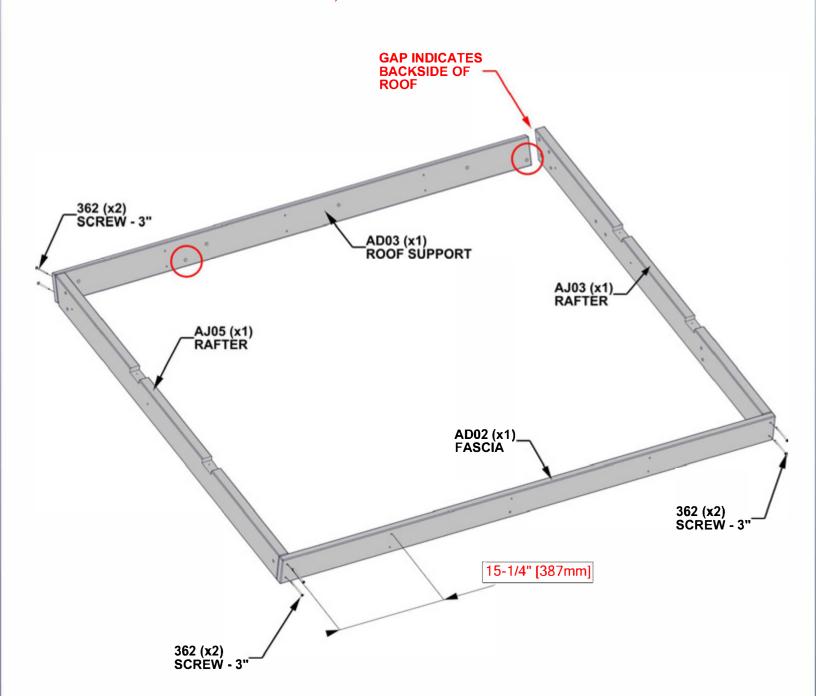
- WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL.
- REMOVE PROTECTIVE BLUE FILM.
- PLACE SCREWS INLINE WITH ROOF SHEET RIBS AS SHOWN.



STEP 25 - RIGHT ROOF ASSEMBLY



WARNING: TO ENSURE PROPER INSTALLATION, PAY ATTENTION TO THE LAYOUT OF THE HOLES SHOWN BELOW

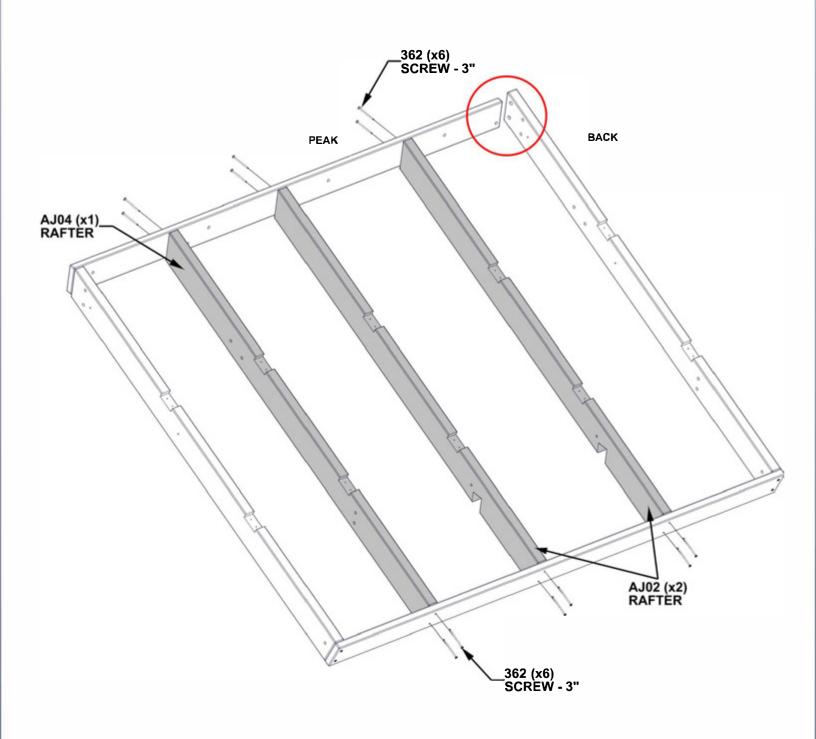


STEP 26 - RIGHT ROOF ASSEMBLY

AJ02 RAFTER - W4L20538 (x2) 1 7/16"x4"x60" (36x102x1524)		\	
(XZ) 17710 X1 X00 (00X10ZX10Z1)	(XZ) TITTO XT XXX (GOXTOZXTOZ I)		
0 0	0 0	(XZ) 17710 X	4 200 (30210221324)
9 8			
			T_4

Ī	QTY	PART NUMBER	DESCRIPTION
	12	H100362	SCREW PFH 8x3 BLK

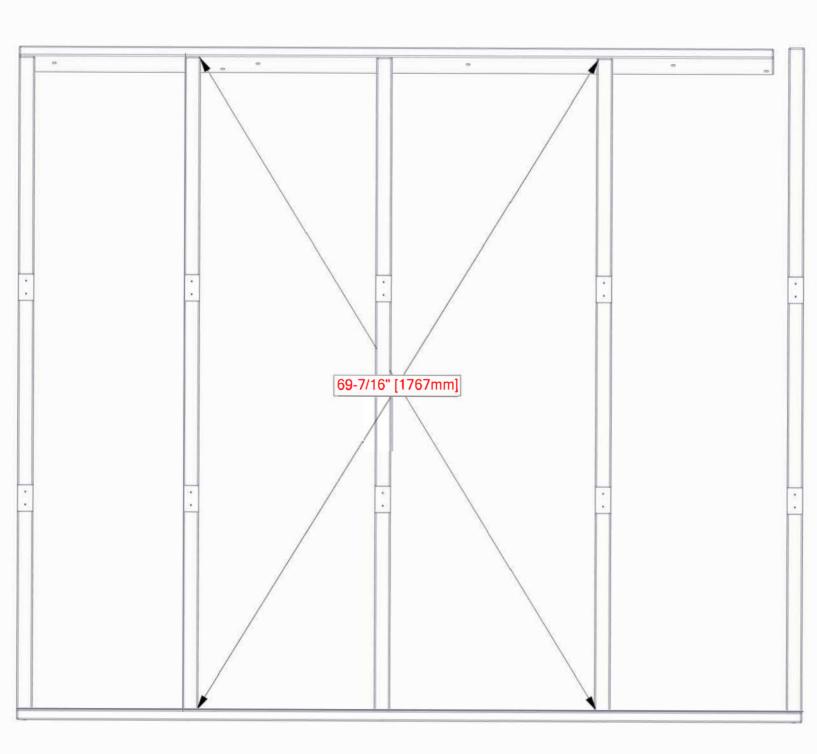
- GAP GOES TOWARD BACK.



STEP 27 - RIGHT ROOF ASSEMBLY

CRITICAL:

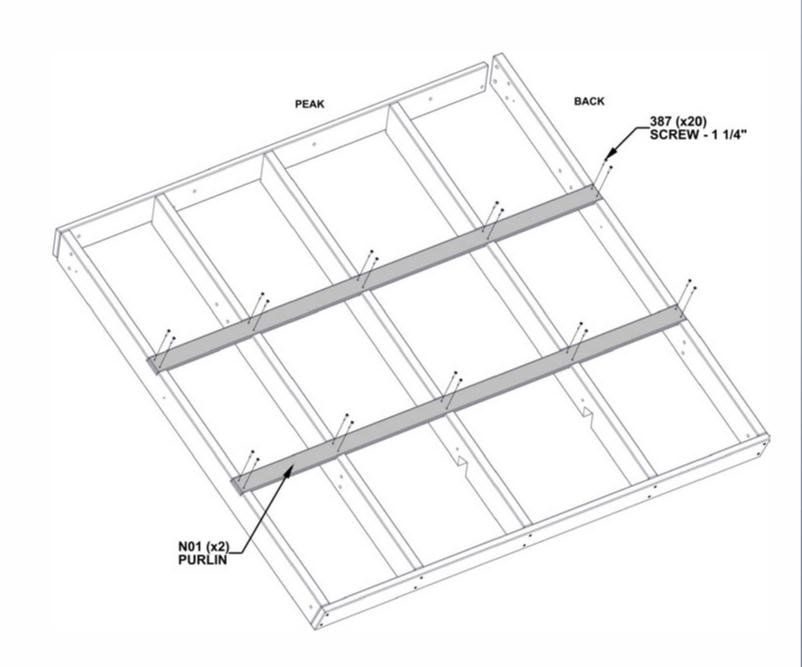
- SQUARE UNIT BEFORE PROCEEDING TO NEXT STEPS.
- THE BELOW DIMENSIONS ARE CRITICAL TO THE FINAL ASSEMBLY.
- MEASUREMENTS SHOUD BE WITHIN +/- 1/4" (6mm).
 MEASUREMENTS OUTISDE OF TOLERANCE WILL LEAD TO ISSUES ON FUTURE ASSEMBLY STEPS.



STEP 28 - RIGHT ROOF ASSEMBLY

j	QTY	PART NUMBER	DESCRIPTION
Ö	20	H100387	SCREW PFH 8x1 1/4 BLK

N01 PURLIN - W4L20307 (x2) 5/8"x2 3/8"x71 7/8" (16x60x1826)

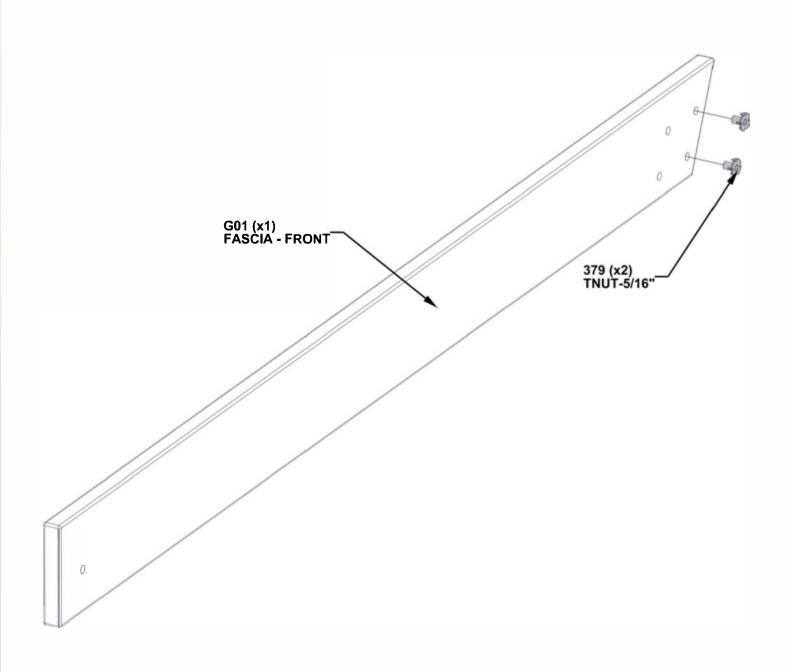


STEP 29 - LEFT ROOF ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
2	H100379	TNUT-5/16" BLK



G01 FASCIA - FRONT - W4L20545 (x1) 15/16"x5 1/4"x62 1/2" (24x134x1588)



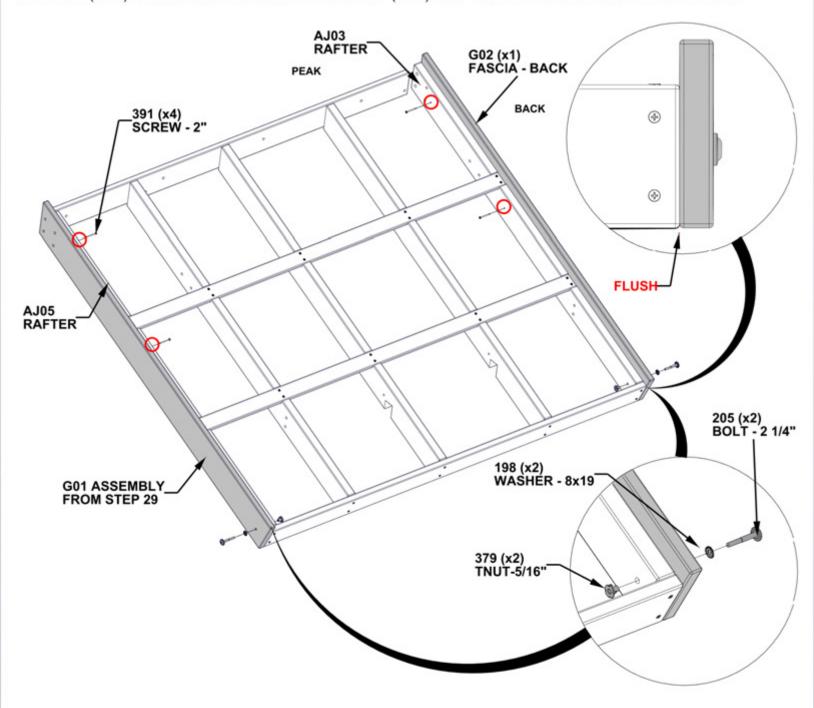
STEP 30 - RIGHT ROOF ASSEMBLY

			-
	G02 FASCIA - BACK (x1) 15/16"x5 5/16"x6	(- W4L20543 32 1/2" (24x134x1588)	
0			

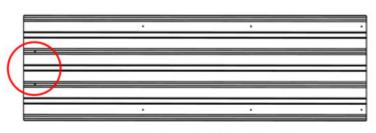
QTY	PART NUMBER	DESCRIPTION
2	H100198	WASHER LOCK EXT 8x19
2	H100205	BOLT WH 5/16x2 1/4 BLK
2	H100379	TNUT-5/16" BLK
4	H100391	SCREW PFH 8x2 BLK

- INSERT T-NUTS FIRST.

- ALIGN AJ03 WITH G02 ENSURING BOTTOM SURFACES ARE FLUSH AS SHOWN.
 USE A 1/8" (3mm) DRILL BIT AND DRILL A PILOT HOLE 1/4" (3mm) DEEP USING AJ03 AS A GUIDE CIRCLED IN RED.
 ALIGN AJ05 WITH G01 ENSURING BOTTOM SURFACES ARE FLUSH AS SHOWN.
- USE A 1/8" (3mm) DRILL BIT AND DRILL A PILOT HOLE 1/4" (3mm) DEEP USING AJ05 AS A GUIDE CIRCLED IN RED.



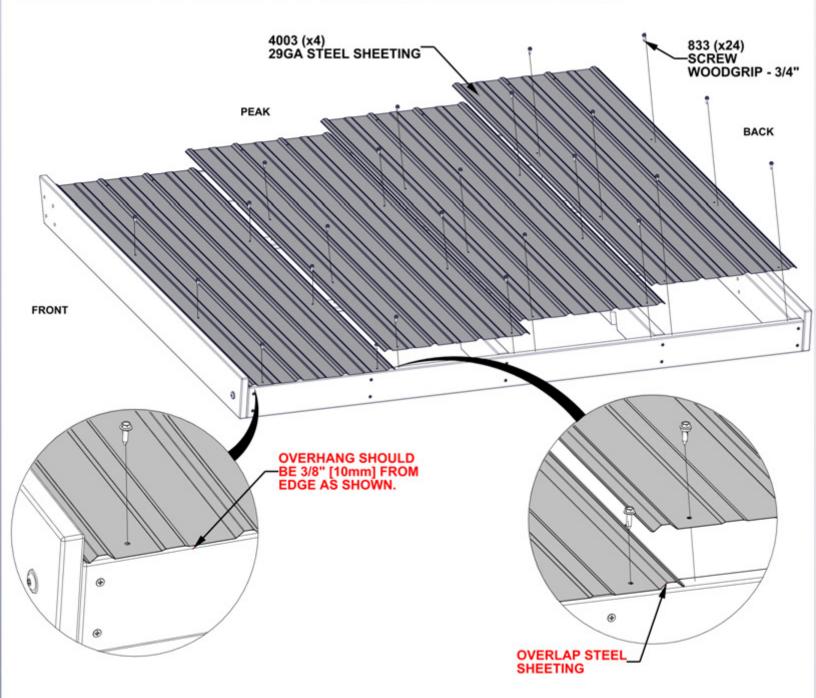
STEP 31 - RIGHT ROOF ASSEMBLY



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

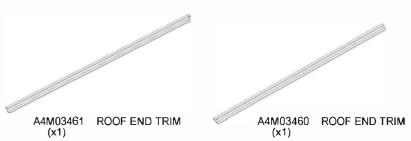
A4M04003 29GA STEEL SHEETING (x4)

- WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL.
- REMOVE PROTECTIVE BLUE FILM.
- OVERLAP PANELS AS SHOWN.
- 1. THE END WITH 2 HOLES CLOSER TOGETHER GOES TOWARD TOP.
- 2. WITH THE PEAK OF ROOF ON OPPOSITE END AS PICTURED, PLACE TIN SHEETS DOWN.
 3. STARTING AT THE FRONT SIDE AND WORKING TOWARD THE BACK SIDE OVER LAPPING BY ONE RIB.
- 4. ENSURE SHEETING HAS OVERHANG OF 3/8" [10mm] AS SHOWN BELOW. SCREW IN PLACE.

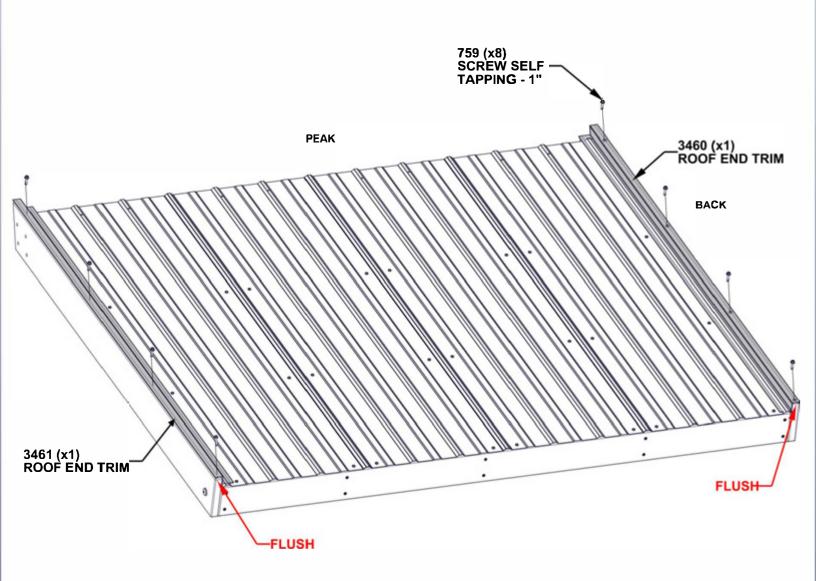


STEP 32 - RIGHT ROOF ASSEMBLY

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



- WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL.
- REMOVE PROTECTIVE BLUE FILM.
 PLACE SCREWS INLINE WITH ROOF SHEET SCREWS.
- ENSURE THAT 3461 AND 3460 ARE FLUSH WITH ENDS AS SHOWN.

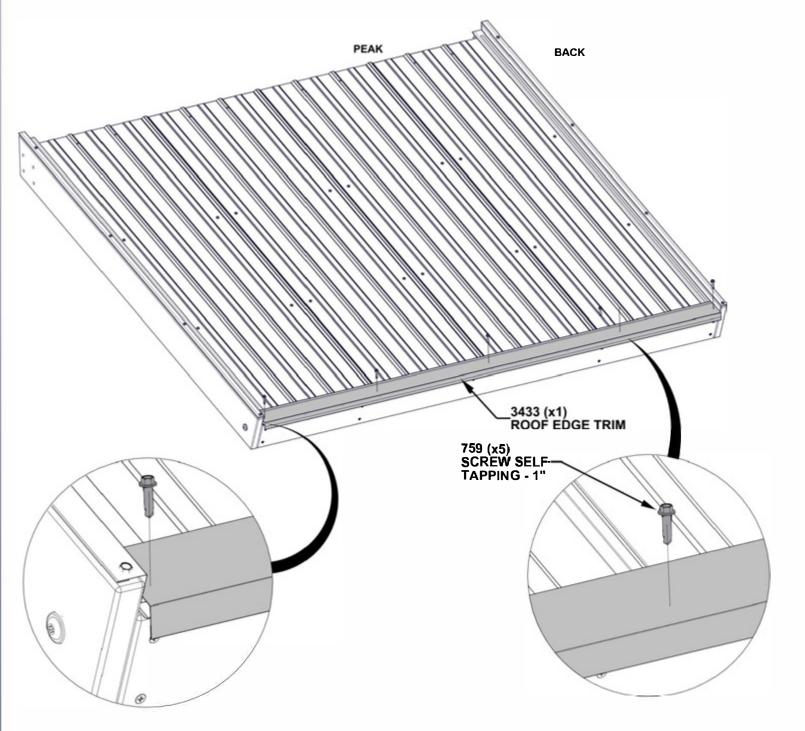


STEP 33 - RIGHT ROOF ASSEMBLY



QTY	PART NUMBER	DESCRIPTION
5	H100759	SCREW SELF TAPPING 1/4x3/4

- WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL. REMOVE PROTECTIVE BLUE FILM.
- PLACE SCREWS INLINE WITH ROOF SHEET RIBS AS SHOWN.



STEP 34 - RIDGE CAP ASSEMBLY



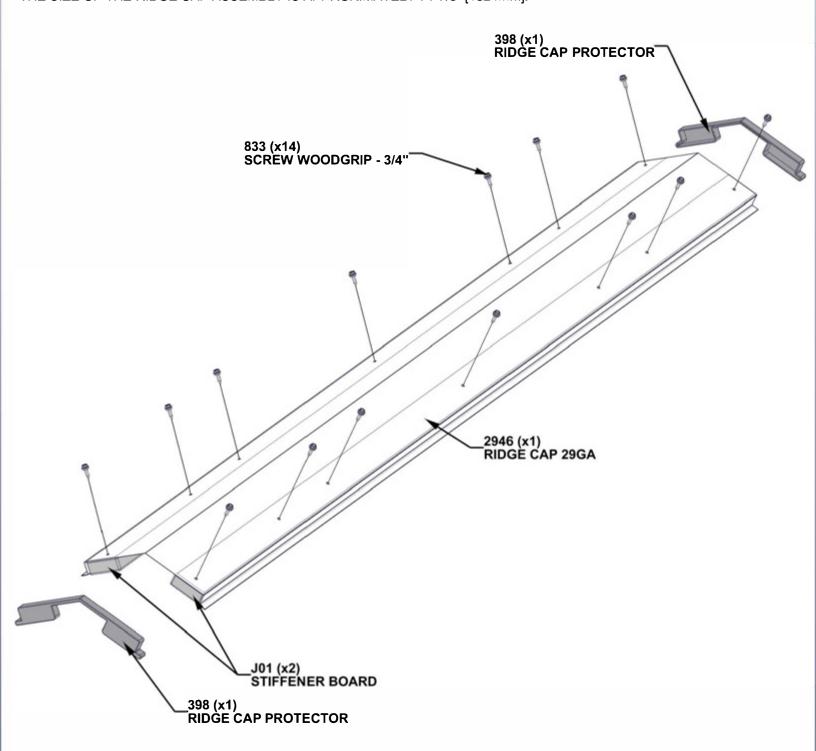
A4M02946 RIDGE CAP 29GA (x1)

A6P00398 RIDGE CAP PROTECTOR (x2)

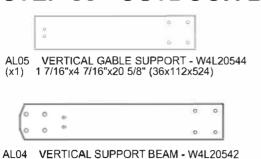
QTYPART NUMBERDESCRIPTION14H100833SCREW WOODGRIP 10-16x3/4"

J01 STIFFENER BOARD - W4L20014 (x2) 15/16"x2 3/8"x71 5/8" (24x60x1820)

- PLACE J01 IN RIDGE CAP, FASTEN DOWN, THEN ADD RIDGE CAP PROTECTOR TO ENDS.
- SET THIS COMPONENT ASIDE FOR LATER USE.
- THE SIZE OF THE RIDGE CAP ASSEMBLY IS APPROXIMATELY 71-7/8" [1824mm].



STEP 35 - OUTDOOR BAR ASSEMBLY



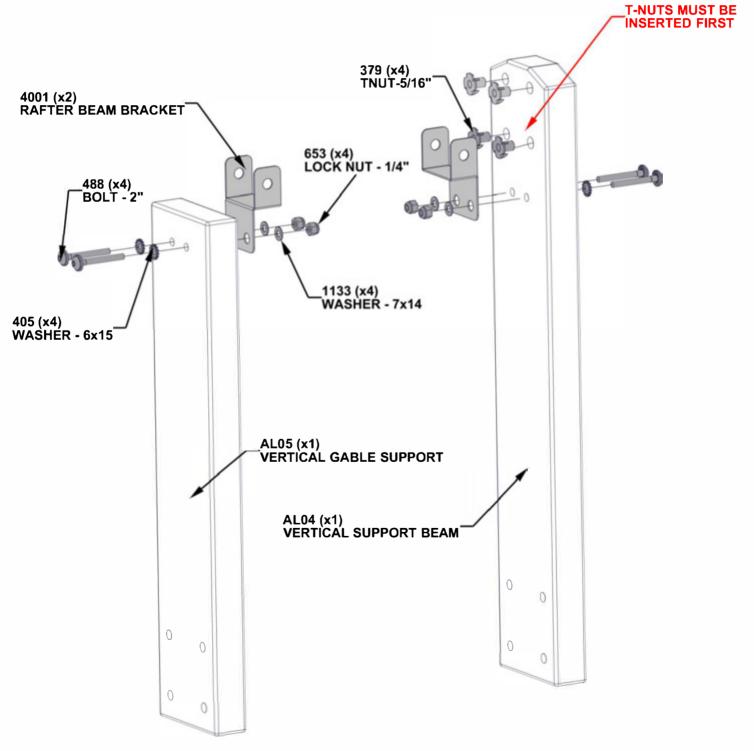
(x1) 1 7/16"x4 7/16"x24 5/8" (36x112x625)



QTY	PART NUMBER	DESCRIPTION
4	H100379	TNUT-5/16" BLK
4	H100405	WASHER LOCK EXT 6x15
4	H100488	BOLT WH 1/4x2 BLK
4	H100653	NUT LOCK 1/4 BLK
4	H101133	WASHER FLAT 7x14 BLK

A4M04001 RAFTER BEAM BRACKET (x2)

-INSERT T-NUTS FIRST, FAILURE TO DO SO WILL RESULT IN INCORRECT INSTALLATION OF THE ROOF.



STEP 36 - OUTDOOR BAR ASSEMBLY,

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AL04	ASSEMBLY	FROM PREVIOUS STEP
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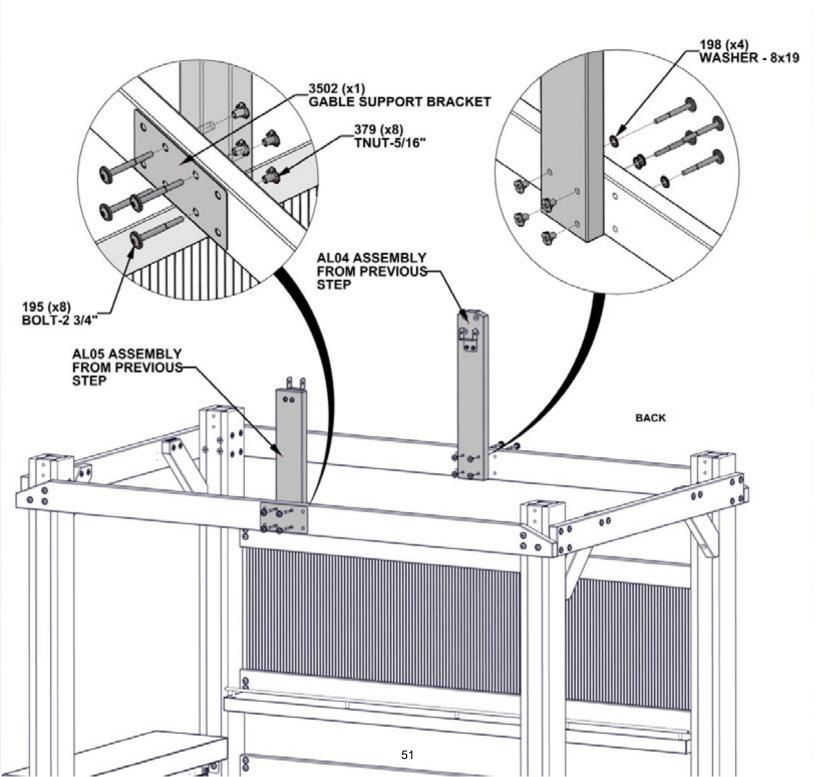
AL05 ASSEMBLY FROM PREVIOUS STEP

QTY	PART NUMBER	DESCRIPTION
8	H100195	BOLT WH 5/16x2 3/4 BLK
4	H100198	WASHER LOCK EXT 8x19
8	H100379	TNUT-5/16" BLK



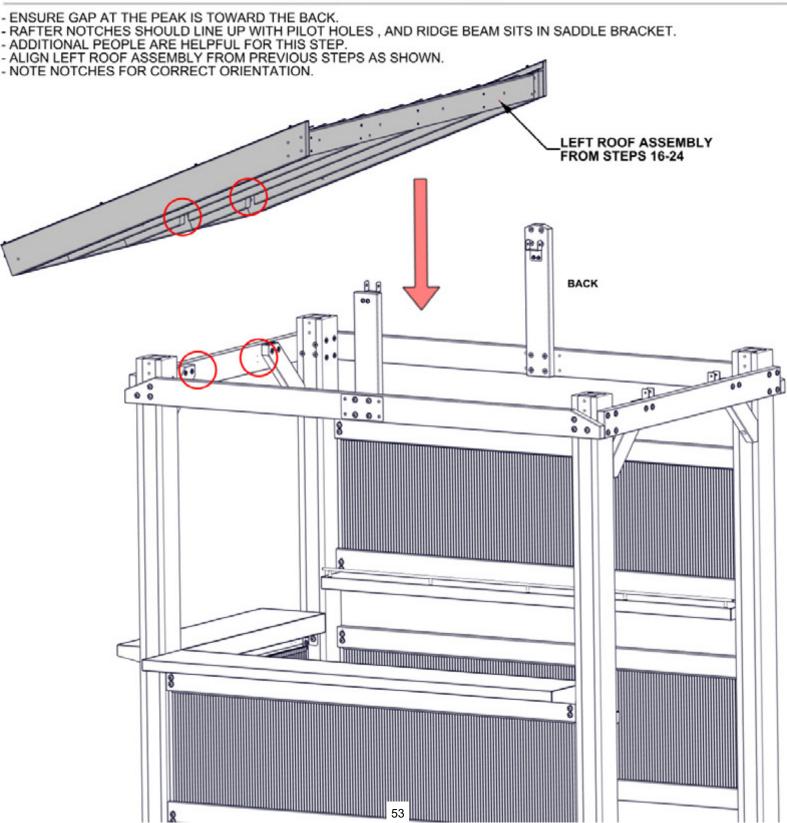
A4M03502 GABLE SUPPORT BRACKET (x1)

- INSERT T-NUTS FIRST. T-NUTS ARE INSERTED INTO AL02 AND AL05 BOARDS.



STEP 37 - OUTDOOR BAR ASSEMBLY

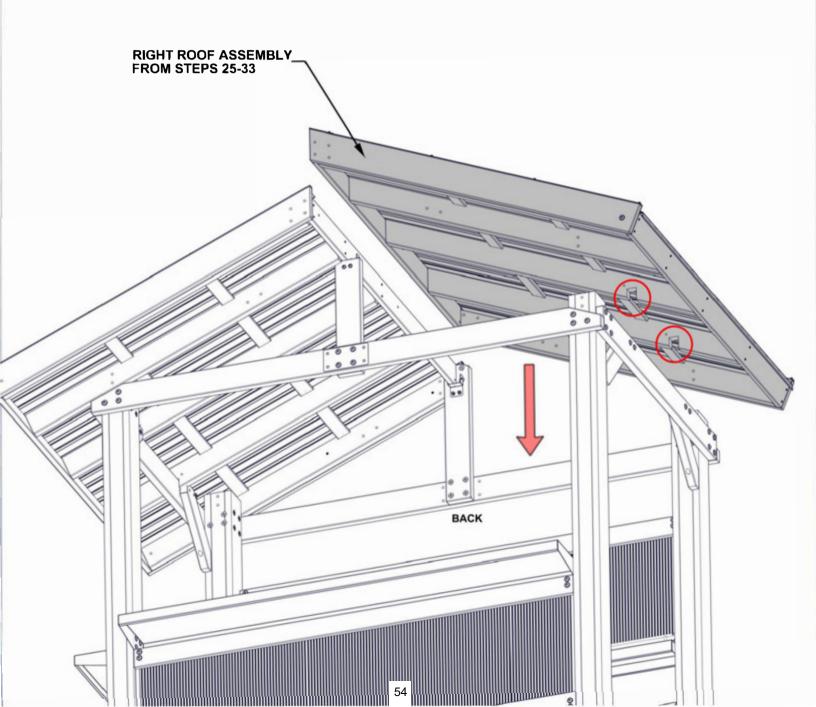




STEP 38 - OUTDOOR BAR ASSEMBLY

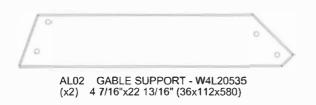


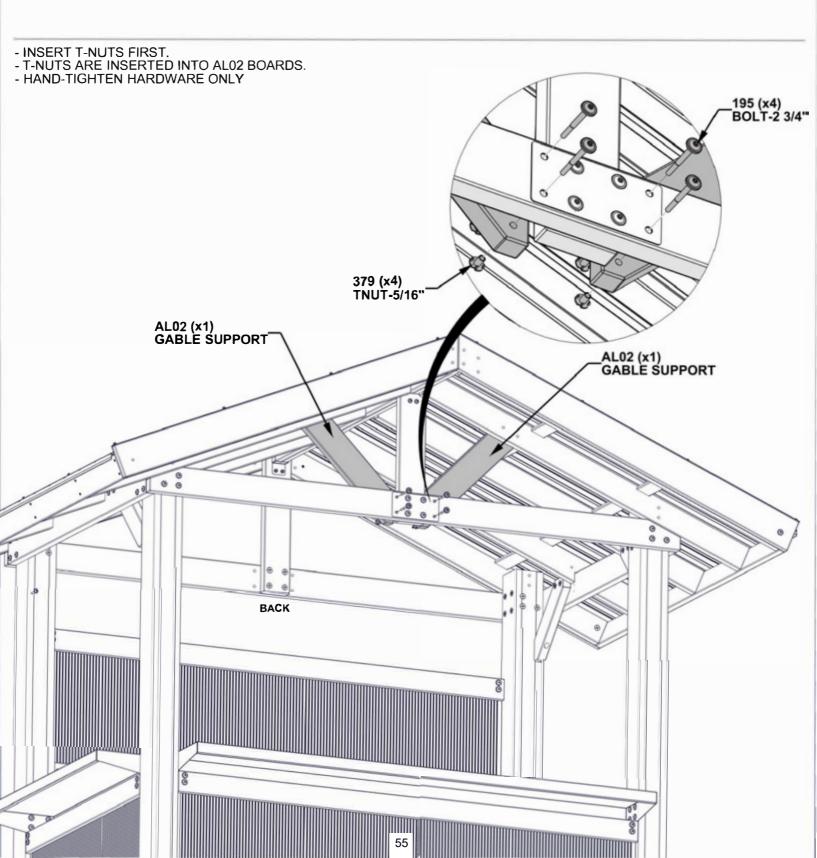
- ENSURE GAP AT THE PEAK IS TOWARD THE BACK. RAFTER NOTCHES SHOULD LINE UP WITH PILOT HOLES, AND RIDGE BEAM SITS IN SADDLE BRACKET. ADDITIONAL PEOPLE ARE HELPFUL FOR THIS STEP.
- ALIGN LEFT ROOF ASSEMBLY FROM PREVIOUS STEPS AS SHOWN.
- NOTE NOTCHES FOR CORRECT ORIENTATION.



STEP 39 - OUTDOOR BAR ASSEMBLY

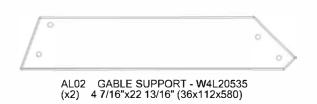
QTY	PART NUMBER	DESCRIPTION
4	H100195	BOLT WH 5/16x2 3/4 BLK
4	H100379	TNUT-5/16" BLK

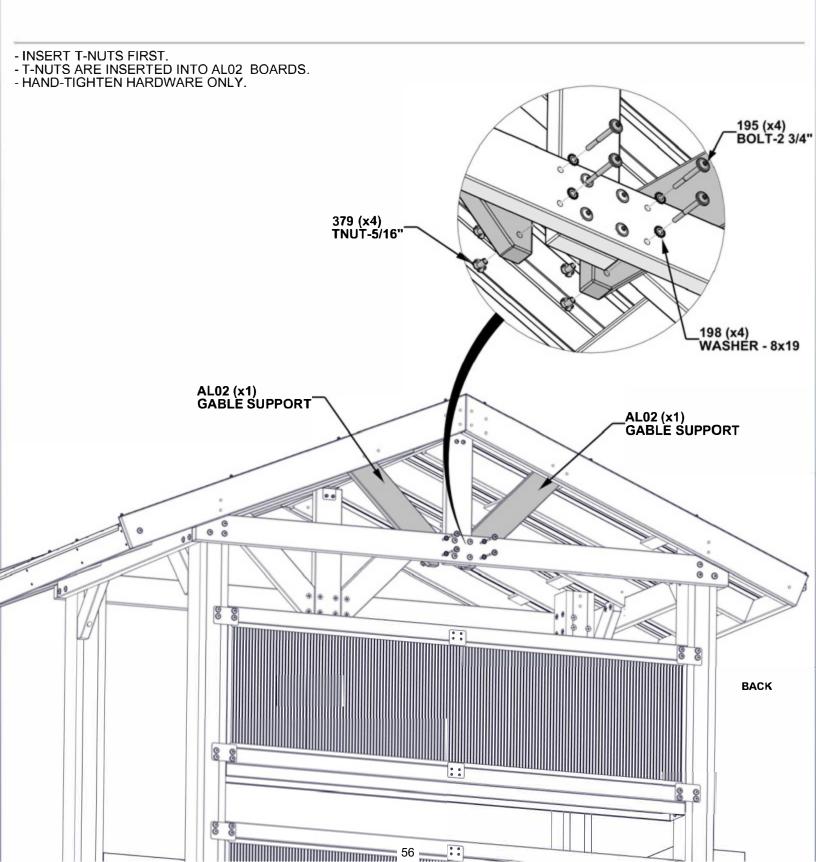




STEP 40 - OUTDOOR BAR ASSEMBLY,

QTY	PART NUMBER	DESCRIPTION
4	H100195	BOLT WH 5/16x2 3/4 BLK
4	H100198	WASHER LOCK EXT 8x19
4	H1003 7 9	TNUT-5/16" BLK

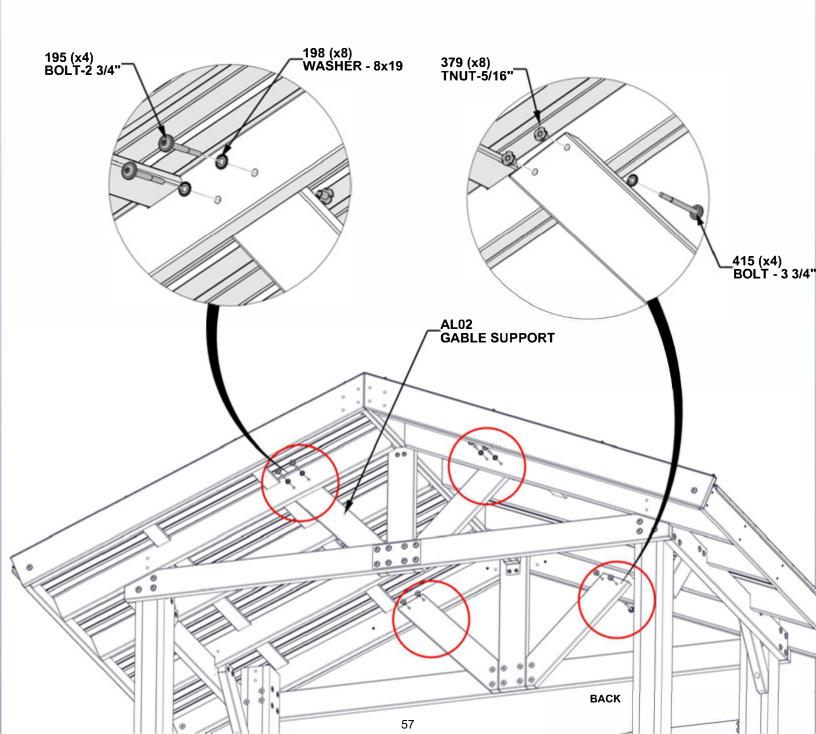




STEP 41 - OUTDOOR BAR ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
4	H100195	BOLT WH 5/16x2 3/4 BLK
8	H100198	WASHER LOCK EXT 8x19
8	H100379	TNUT-5/16" BLK
4	H100415	BOLT WH 5/16x3 3/4 BLK

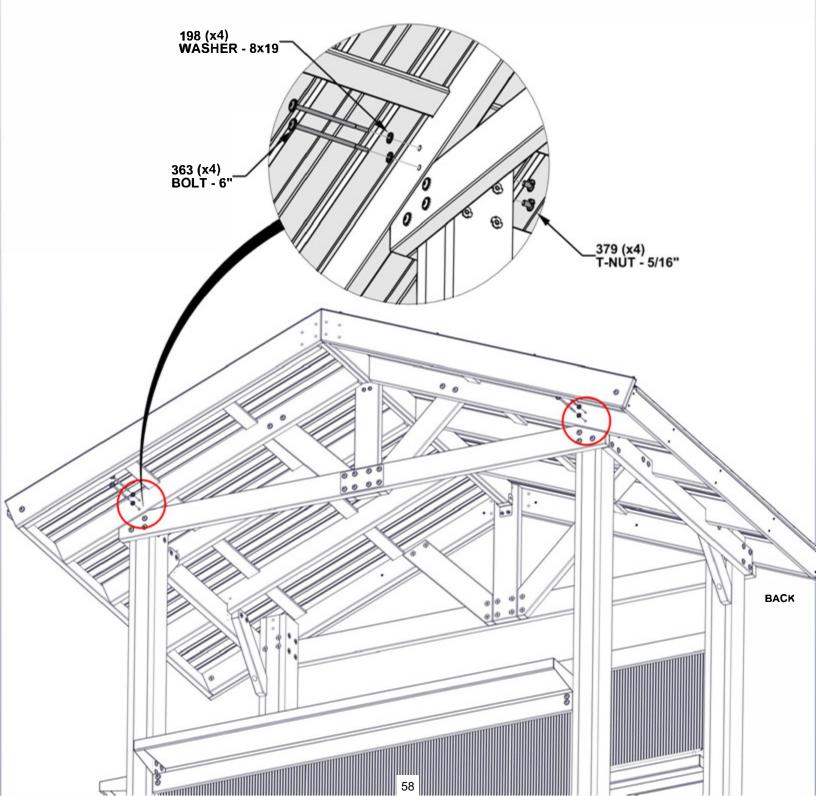
- INSERT T-NUTS FIRST AND INTO THE FOUR AL02 BOARDS INSTALLED IN STEPS 39 AND 40. HAND-TIGHTEN HARDWARE ONLY.



STEP 42 - OUTDOOR BAR ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
4	H100198	WASHER LOCK EXT 8x19
4	H100363	BOLT WH 5/16x6 BLK
4	H1003 7 9	T-NUT 5/16 BLK

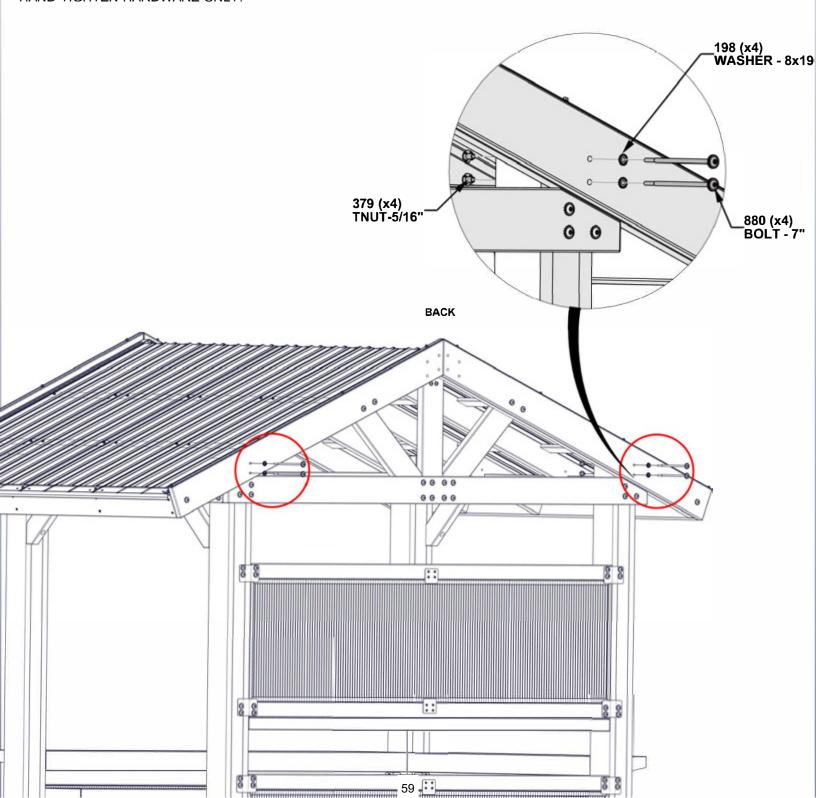
- INSERT T-NUTS FIRST. HAND-TIGHTEN HARDWARE ONLY.



STEP 43 - OUTDOOR BAR ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
4	H100198	WASHER LOCK EXT 8x19
4	H100379	TNUT-5/16" BLK
4	H100880	BOLT WH 5/16x7 BLK

- INSERT T-NUTS FIRST. HAND-TIGHTEN HARDWARE ONLY.

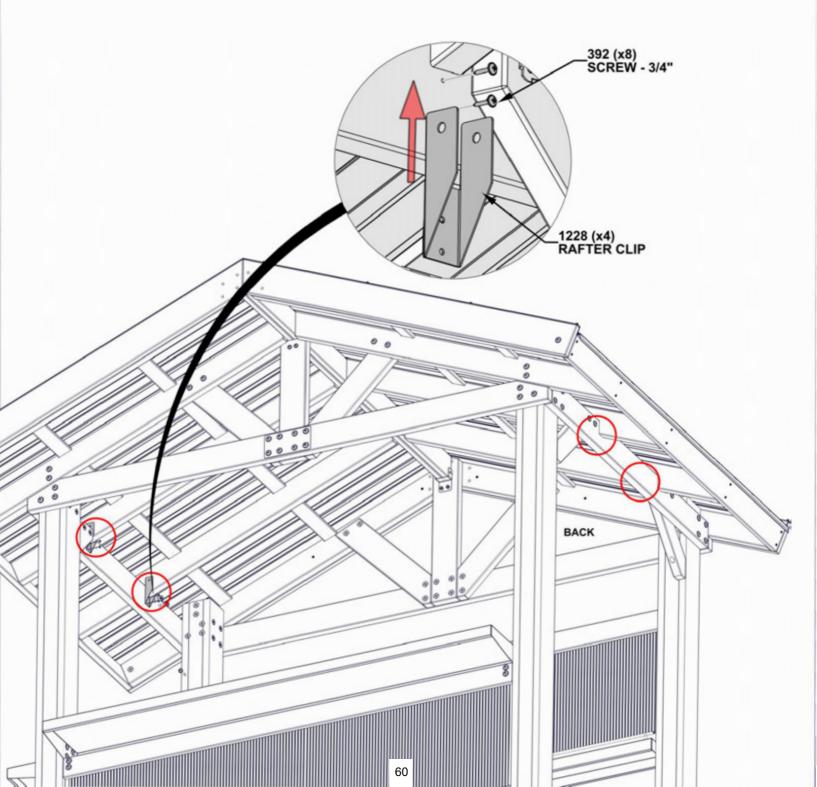


STEP 44 - OUTDOOR BAR ASSEMBLY



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

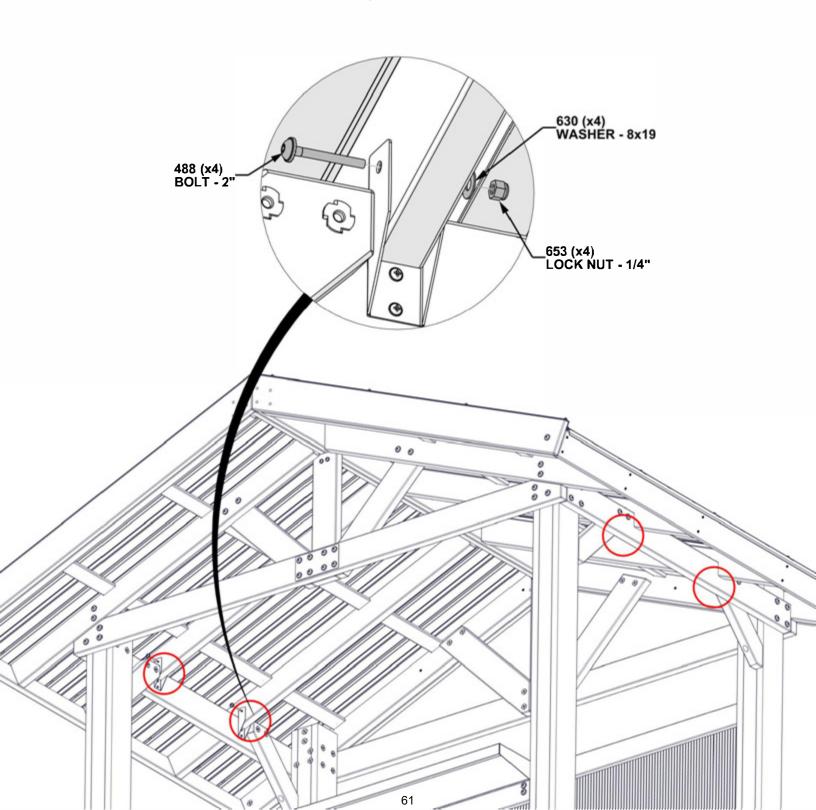
- PLACE FLAT SIDE OF RAFTER CLIP (1228) AGAINST BEAM AND SLIDE UP, ALIGN PILOT HOLES, THEN FASTEN WITH SCREWS AS SHOWN BELOW.



STEP 45 - OUTDOOR BAR ASSEMBLY

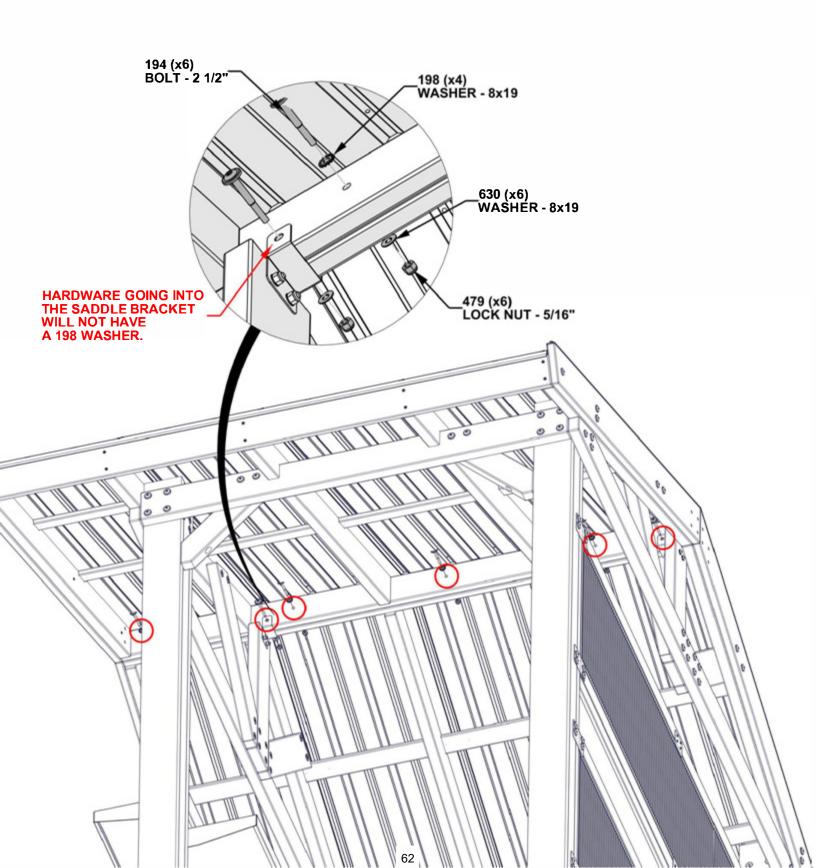
QTY	PART NUMBER	DESCRIPTION
4	H100488	BOLT WH 1/4x2 BLK
4	H100630	WASHER FLAT 8x19 BLK
4	H100653	NUT LOCK 1/4 BLK

- HAND-TIGHTEN HARDWARE ONLY. AFTER ALL HARDWARE HAS BEEN HAND TIGHTENED, COMPLETELY TIGHTEN HARDWARE FROM STEPS 39-45.

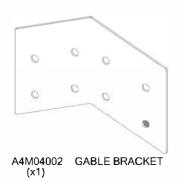


STEP 46 - OUTDOOR BAR ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
6	H100194	BOLT WH 5/16x2 1/2 BLK
4	H100198	WASHER LOCK EXT 8x19
6	H100479	NUT LOCK 5/16 BLK
6	H100630	WASHER FLAT 8x19 BLK



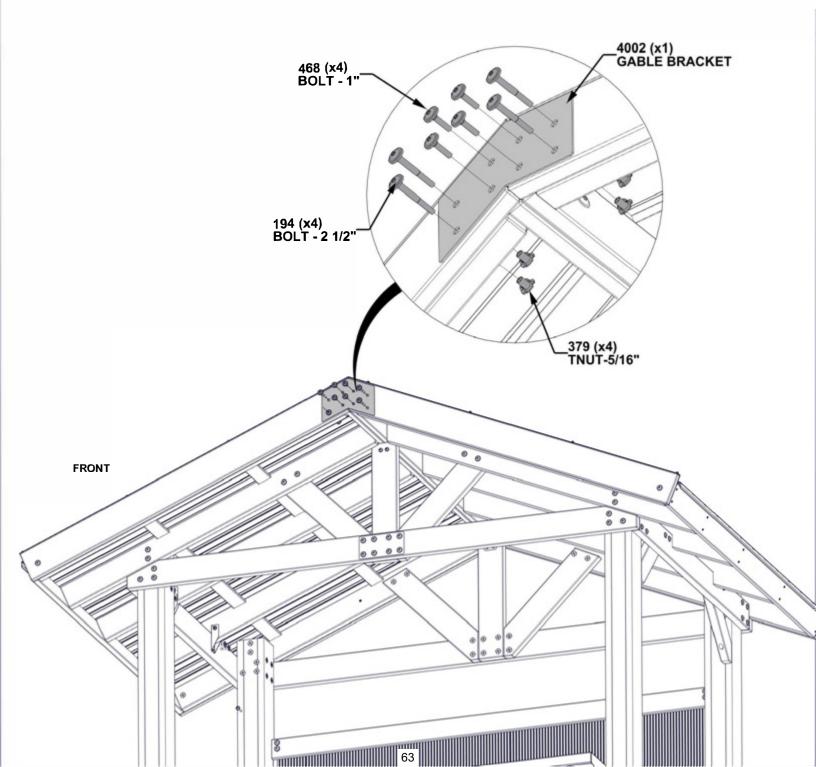
STEP 47 - OUTDOOR BAR ASSEMBLY



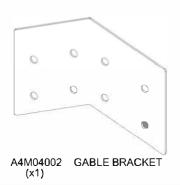
QTY	PART NUMBER	DESCRIPTION
4	H100468	BOLT WH 5/16x1 BLK
4	H1003 7 9	TNUT-5/16"BLK
4	H100194	BOLT WH 5/16x2 1/2 BLK

- INSERT T-NUTS FIRST AND ONLY IN OUTSIDE FOUR HOLES.

- 194 BOLTS GO IN THE OUTSIDE HOLES, 468 BOLTS GO IN THE INSIDE HOLES. 468 BOLT WILL FASTEN INTO T-NUTS INSTALLED IN STEPS 20 AND 29.



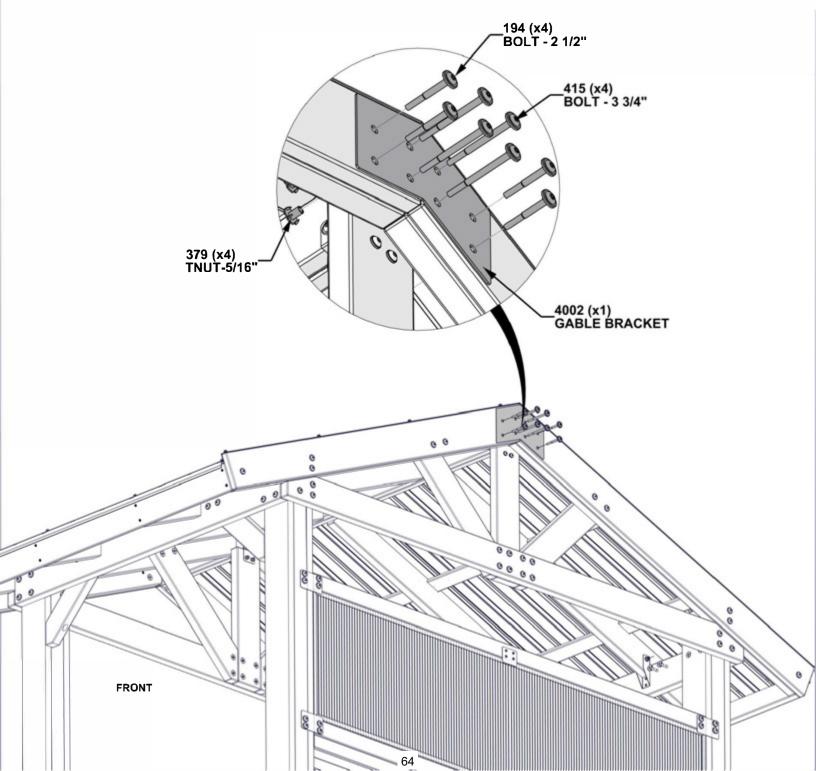
STEP 48 - OUTDOOR BAR ASSEMBLY



QTY	PART NUMBER	DESCRIPTION
4	H100194	BOLT WH 5/16x2 1/2 BLK
4	H100379	TNUT-5/16" BLK
4	H100415	BOLT WH 5/16x3 3/4 BLK

- INSERT T-NUTS FIRST AND ONLY IN OUTSIDE FOUR HOLES.

- 194 BOLTS GO IN THE OUTSIDE HOLES, 415 BOLTS GO IN THE INSIDE HOLES. 415 BOLT WILL FASTEN INTO T-NUTS INSTALLED IN STEP 35.



STEP 49 - OUTDOOR BAR ASSEMBLY

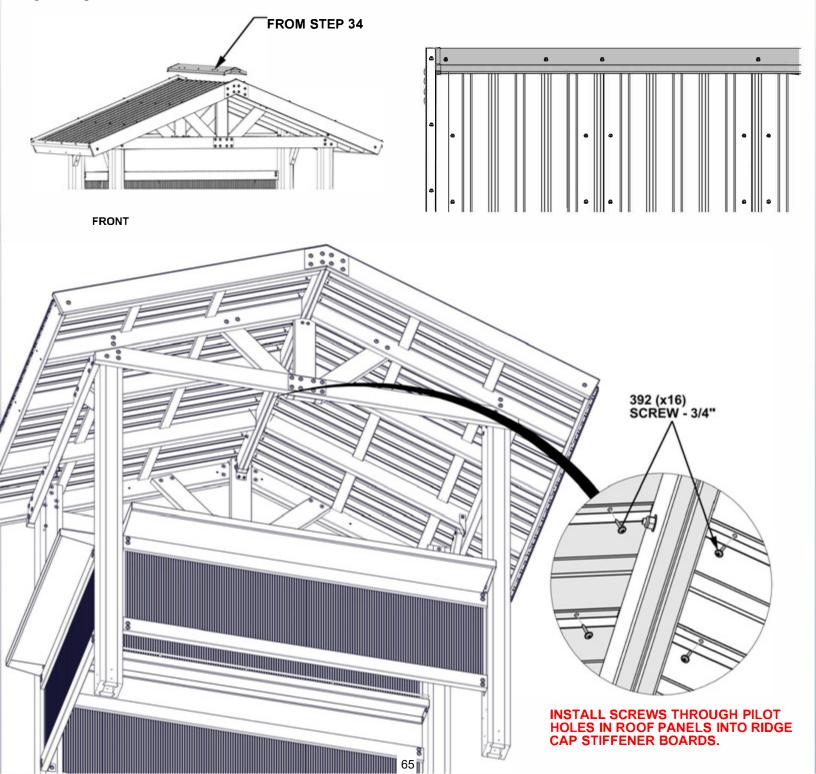


	QTY	PART NUMBER	DESCRIPTION
1	16	H100392	SCREW PWH 8x3/4 BLK

RIDGE CAP ASSEMBLY FROM STEP 34

DO NOT CLIMB ON ROOF TO INSTALL. RIDGE CAP AS BEEN DESIGNED TO INSTALL FROM A LADDER FROM UNDERNEATH.

- FOR PROPER INSTALLATION, USE AN ADULT HELPER TO KEEP DOWNWARD PRESSURE ON THE RIDGE CAP WHILE FASTENING.



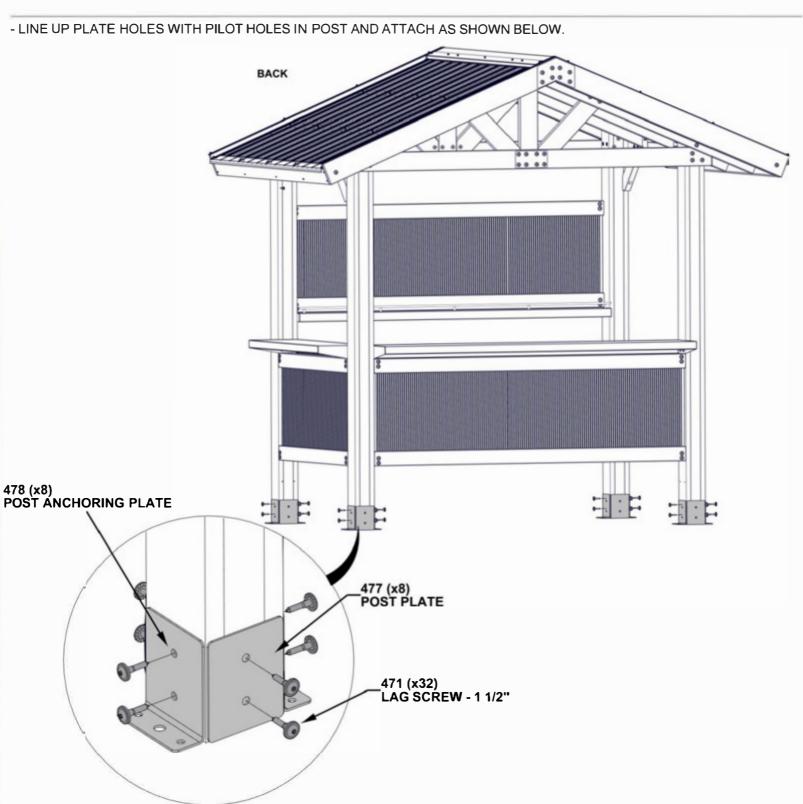
STEP 50 - OUTDOOR BAR ASSEMBLY





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

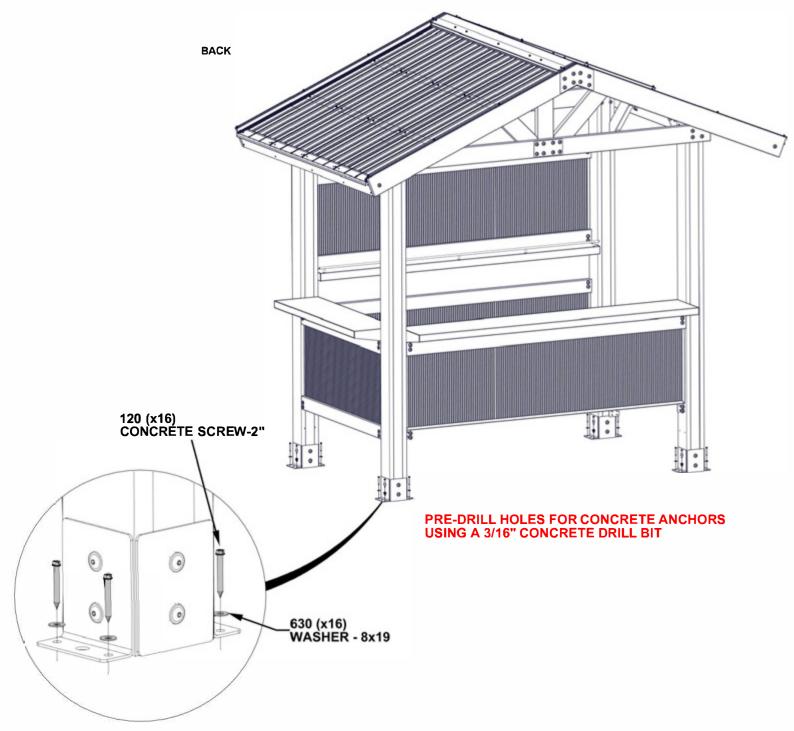
A4M01478 POST ANCHORING PLATE (x8)



STEP 51 - OUTDOOR BAR ASSEMBLY

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

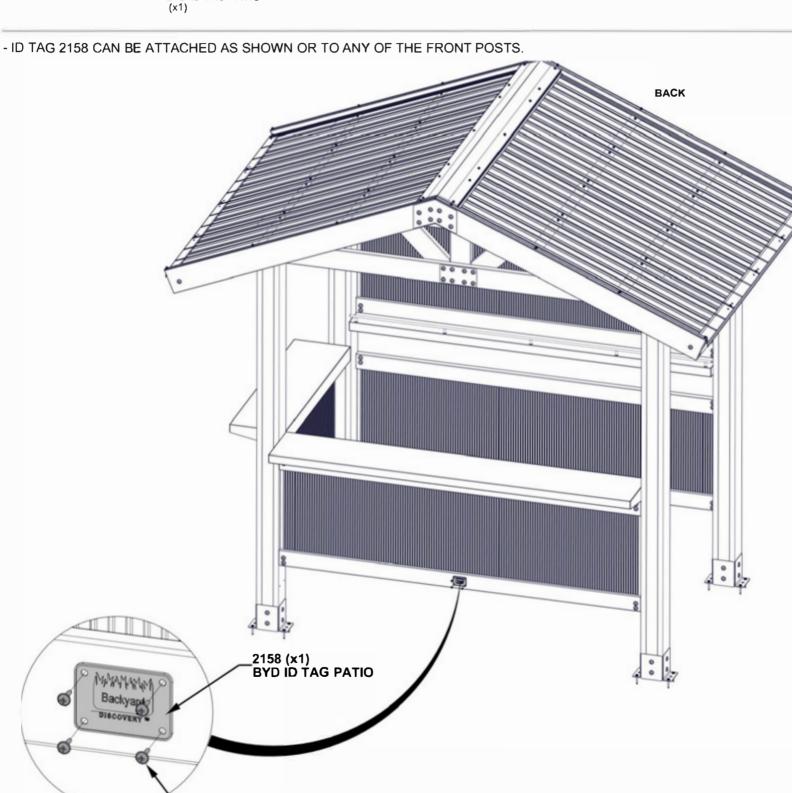
- MANUFACTURER RECOMMENDS INSTALLATION ON CONCRETE SURFACE OR CONCRETE POST PAD AS SHOWN BELOW. FOR INSTALLATION ON WOOD DECK, YOU MUST ENSURE THERE IS AMPLE STRUCTURAL SUPPORT UNDER THE DECK. HARDWARE NOT INCLUDED FOR DECK ATTACHMENT.



STEP 52 - OUTDOOR BAR ASSEMBLY

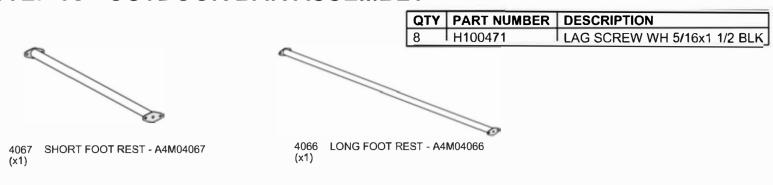


QTY	PART NUMBER	DESCRIPTION
4	H100202	SCREW PWH 8x5/8 BLK

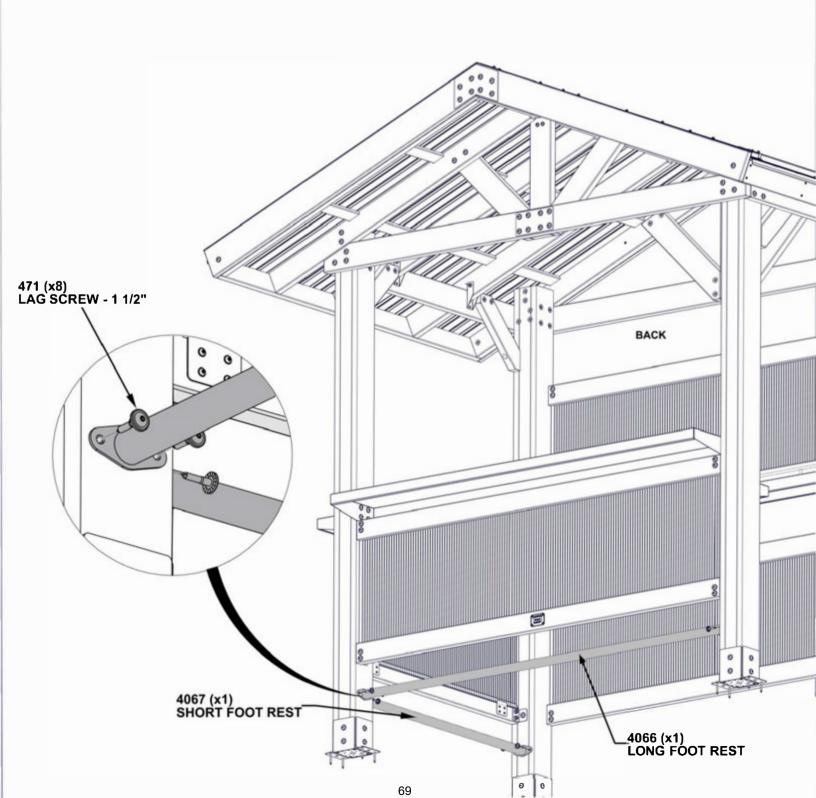


202 (x4) SCREW - 5/8"

STEP 53 - OUTDOOR BAR ASSEMBLY

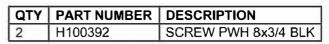


- ALIGN FOOT RESTS WITH PILOT HOLES IN POSTS.

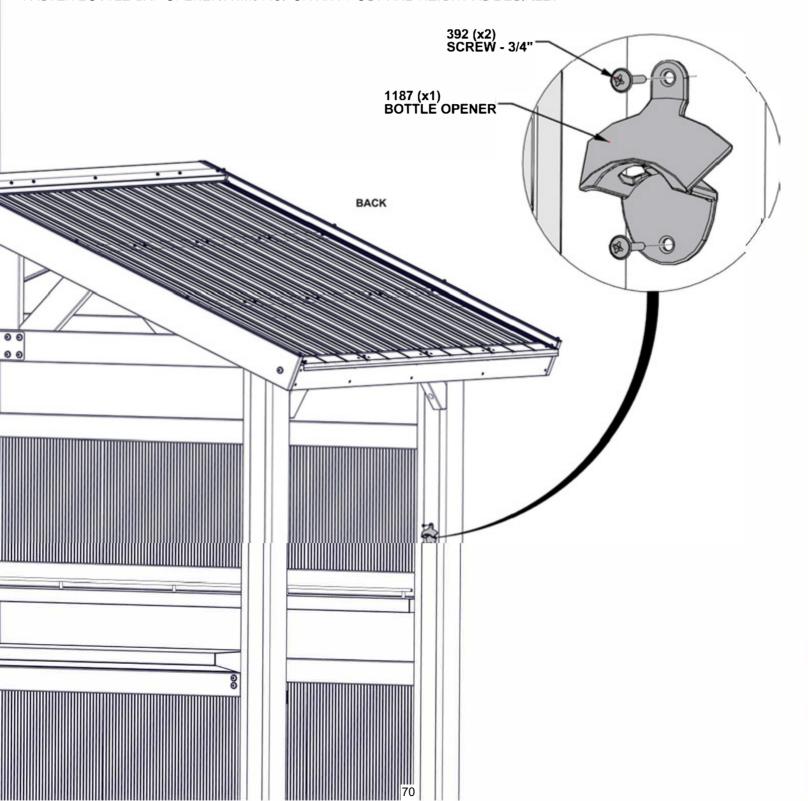


STEP 54 - OUTDOOR BAR ASSEMBLY

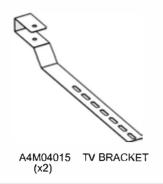




- FASTEN BOTTLE CAP OPENER A4M01187 ON ANY POST AND HEIGHT AS DESIRED.



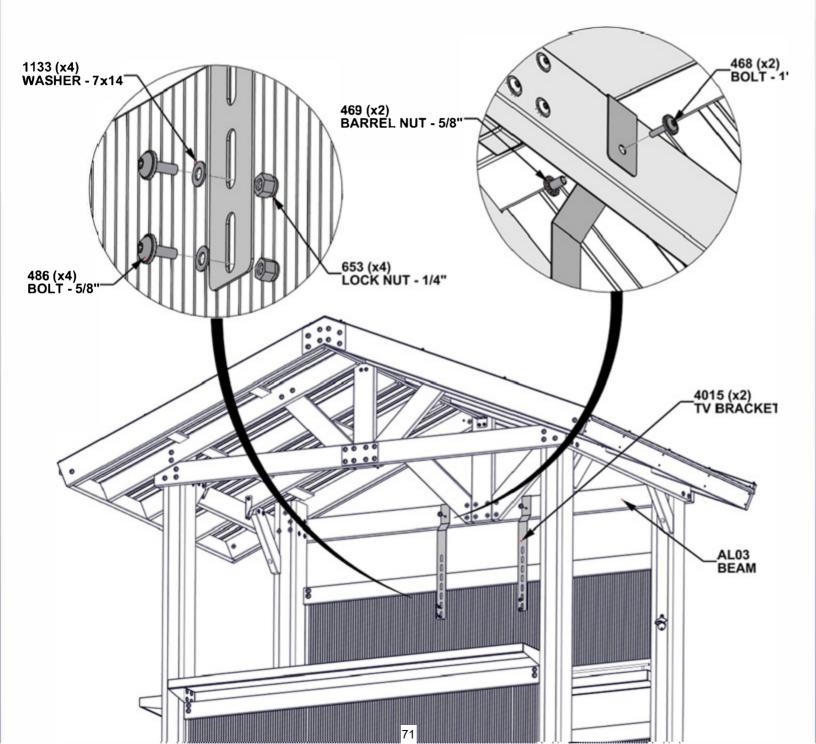
STEP 55 - OUTDOOR BAR ASSEMBLY (OPTIONAL)



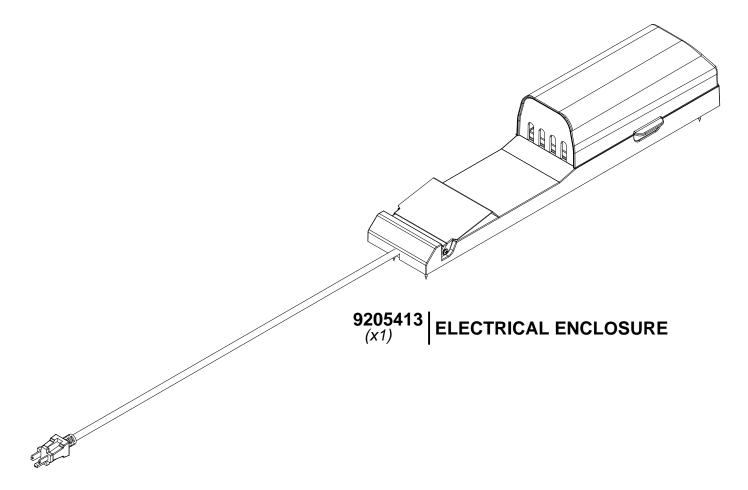
QTY	PART NUMBER	DESCRIPTION
2	H100468	BOLT WH 5/16x1 BLK
2	H100469	NUT BARREL WH 5/16X5/8 BLK
4	H100486	BOLT WH 1/4x5/8 BLK
4	H100653	NUT LOCK 1/4 BLK
4	H101133	WASHER FLAT 7x14 BLK

- THIS STEP IS OPTIONAL.

- TV BRACKET 4015 CAN BE MOUNTED AS NEEDED TO FIT YOUR TV. TV BRACKET MAY NOT BE COMPATIBLE WITH ALL TV MOUNTS. TV MOUNT PLATE IS NOT INCLUDED.
- PLACE BRACKET OVER AL03 REAR BEAM AND USED THE HOLE AS A GUILD TO DRILL A 7/16" [10mm] THROUGH HOLE.
- AFTER HOLE HAS BEEN DRILLED, MOUNT BRACKET 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.