

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

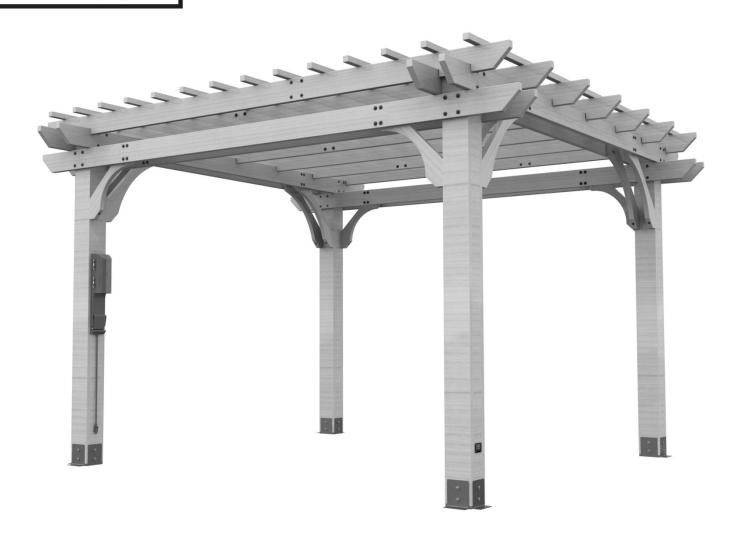
Basepoint Business Centre: Rivermead Drive, Westlea, Swindon SN5 7EX Phone: 0800-118-2476 J.P. Coenstraat 7, The Bridge, The Hague, 2595 WP, Netherlands Phone: 08005678990

BEAUMONT 12X12 PERGOLA

MODEL: # 2405028



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





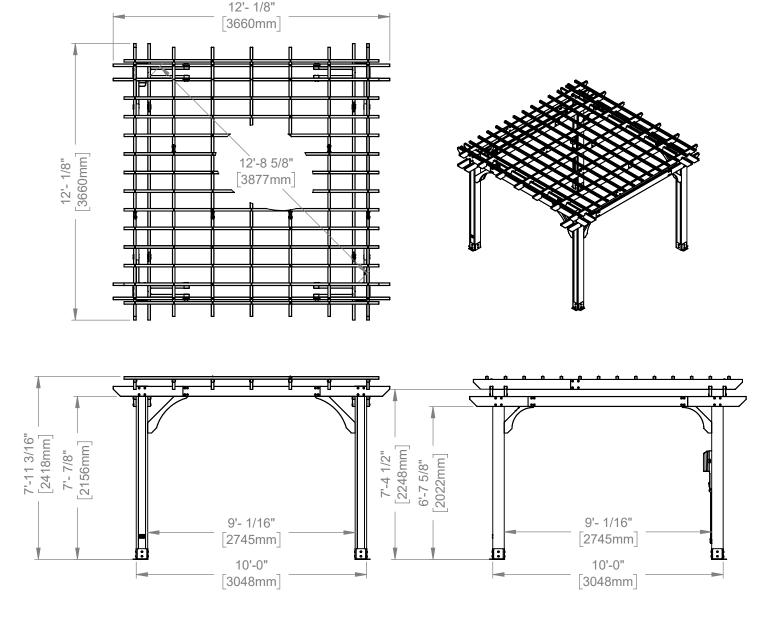
OWNER'S MANUAL - BASIC SETUP DIMENSIONS & ASSEMBLY NOTES

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

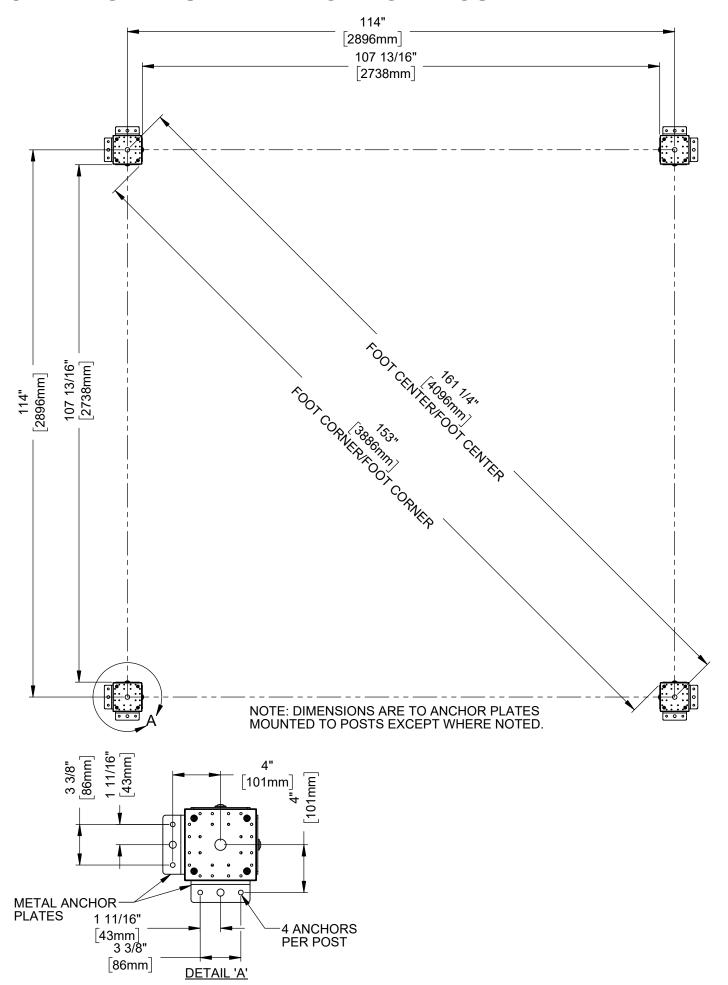
- Pay close attention to the items needed for each step. Make sure you are using the correct hardware for each step. Using incorrect hardware may result in improper assembly
- Remember to double check for underground utilities and overhead electrical lines

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.

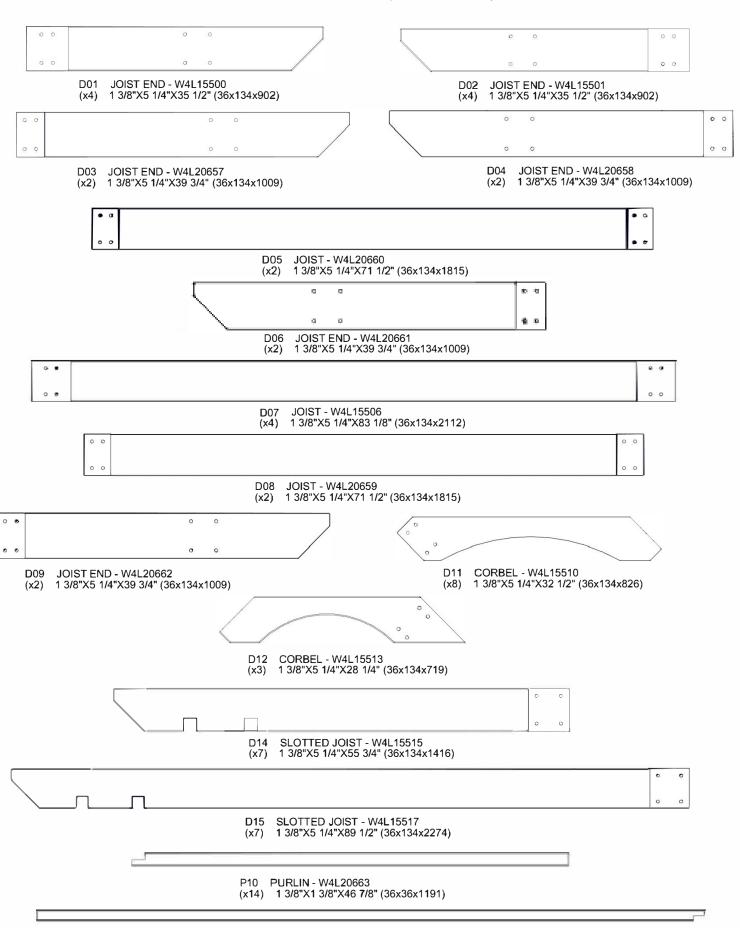
- The hardware to attach the post mounts to the structure is included.
- The hardware to mount the structure permanently to a concrete surface is included.
- The hardware to mount the structure permanently to a wood deck is NOT included and will need to be purchased separately. You must ensure there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



OWNER'S MANUAL - ANCHORING LAYOUT

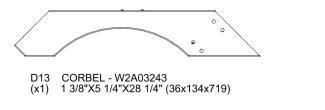


WOOD COMPONENTS (NOT TO SCALE)



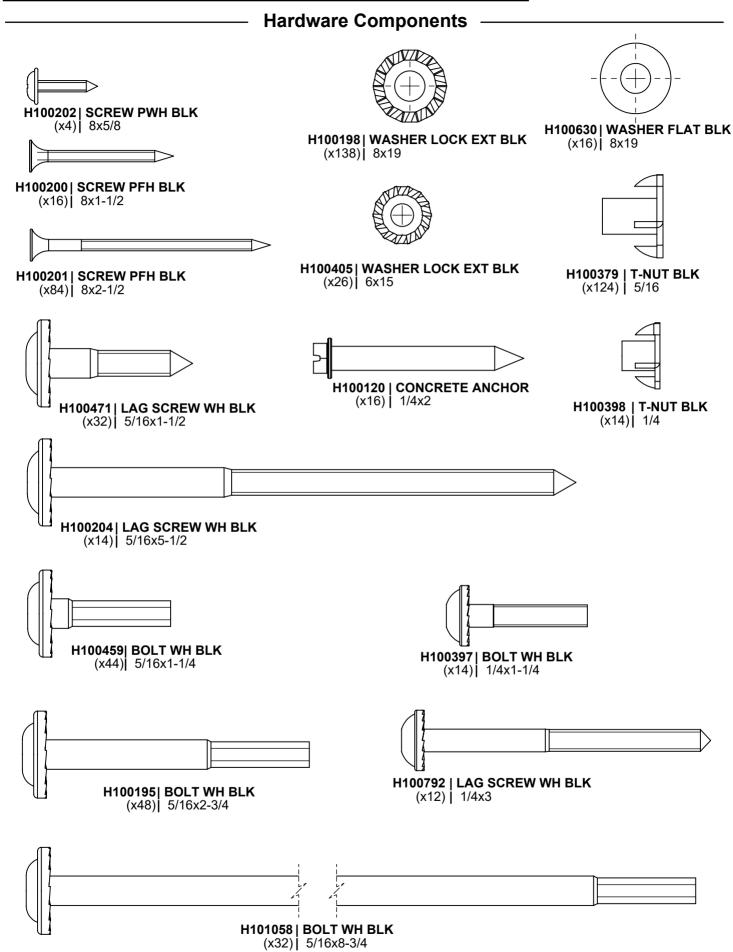
P11 PURLIN - W4L20664 (x14) 1 3/8"X1 3/8"X87 3/8" (36x36x2219)

WOOD COMPONENTS (NOT TO SCALE)

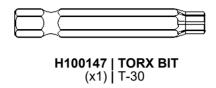


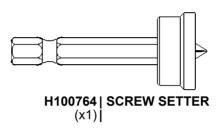
0	0	
•	٥	
		P01 POST - W2A04448 (x2) 6"X6"X89 1/2" (152x152x2274)
o	•	
٥	0	•

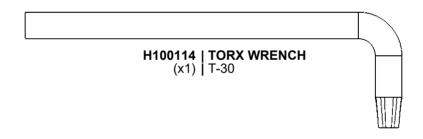
P02 POST - W2A04449 (x2) 6"X6"X89 1/2" (152x152x2274)

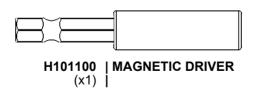


Hardware Components -



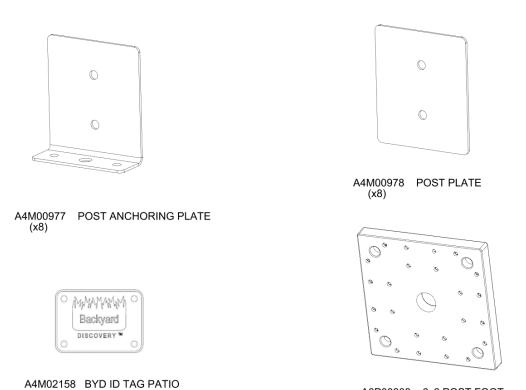






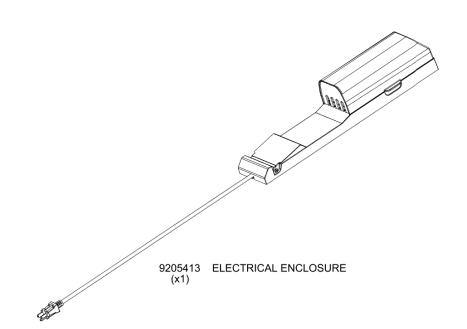
(x1)

ACCESSORY COMPONENTS (NOT TO SCALE)



A6P00308 6x6 POST FOOT

(x4)



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 OR STEP NUMBER.

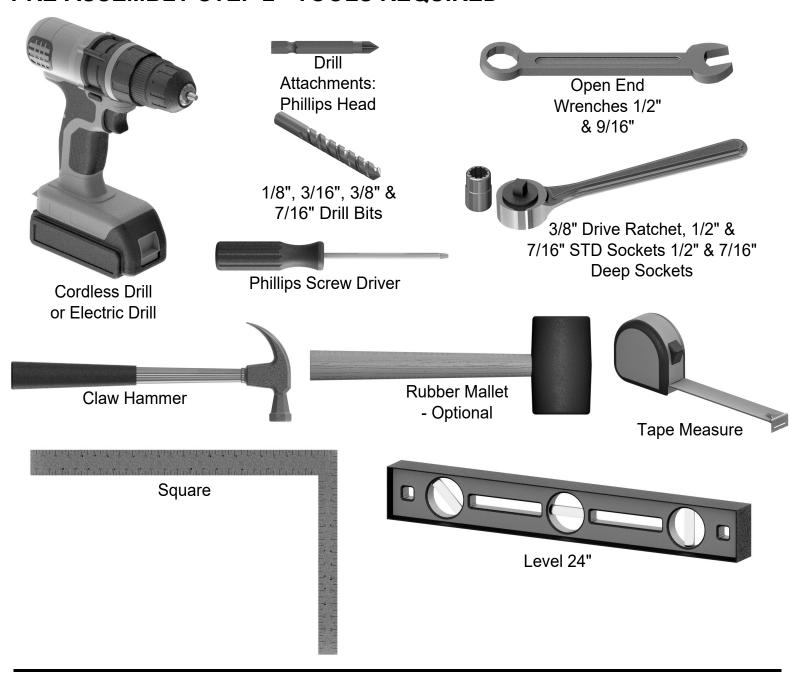


HARDWARE PARTS:

- 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 (e.g. 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 1 - PERGOLA ASSEMBLY

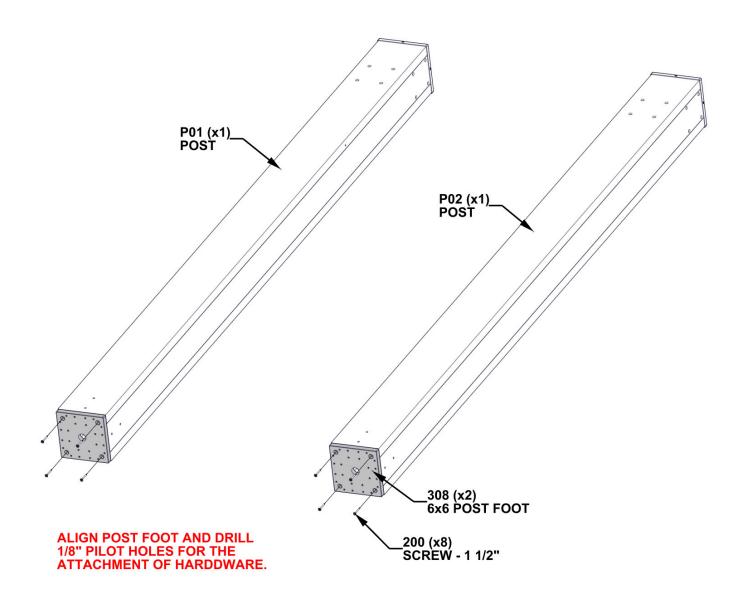
0 0	"	1211 12
	P01 POST - W2A04448	
	(x2) 6"X6"X89 1/2" (152x152x2274)	
a 9	-	
o b		
	P02 POST - W2A04449	

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

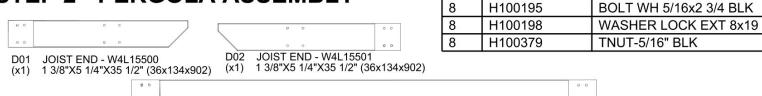


A6P00308 6x6 POST FOOT (x4)

- FOR EASE OF ASSEMBLY, WE RECOMMEND USING SAWHORSES FOR STEPS 1-7.
- COMPLETE THIS STEP TWICE.



STEP 2 - PERGOLA ASSEMBLY



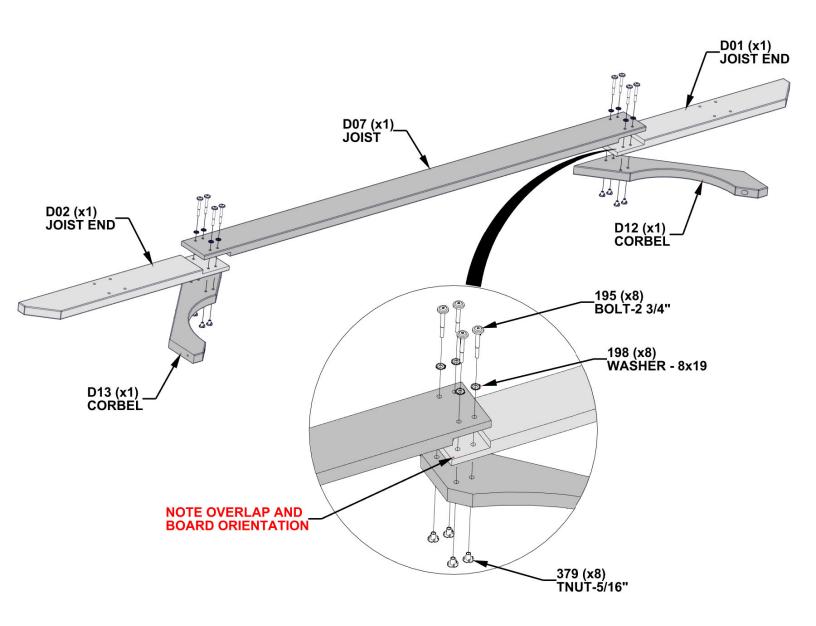


QTY

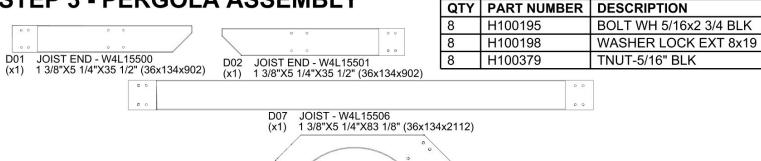
PART NUMBER

DESCRIPTION

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

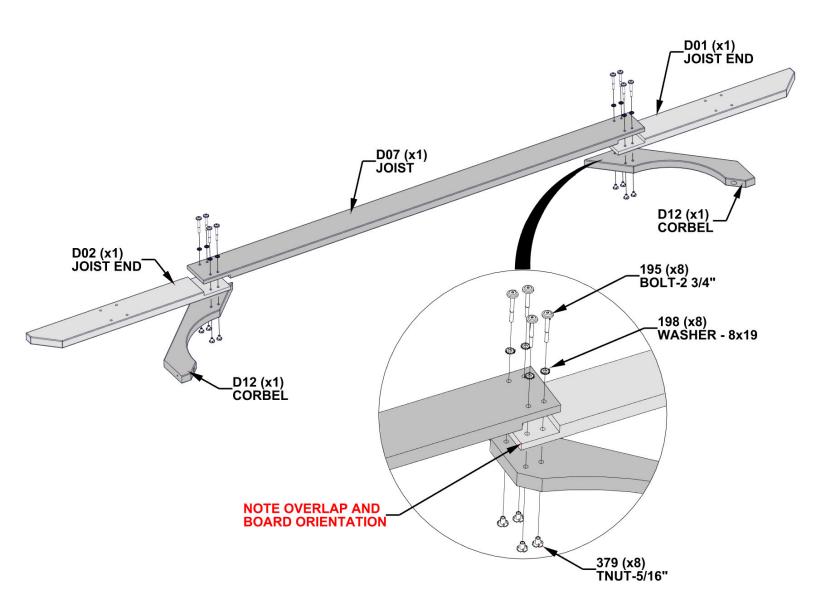


STEP 3 - PERGOLA ASSEMBLY

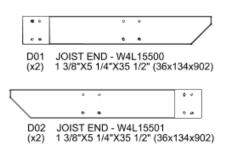


D12 CORBEL - W4L15513 (x2) 1 3/8"X5 1/4"X28 1/4" (36x134x719)

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



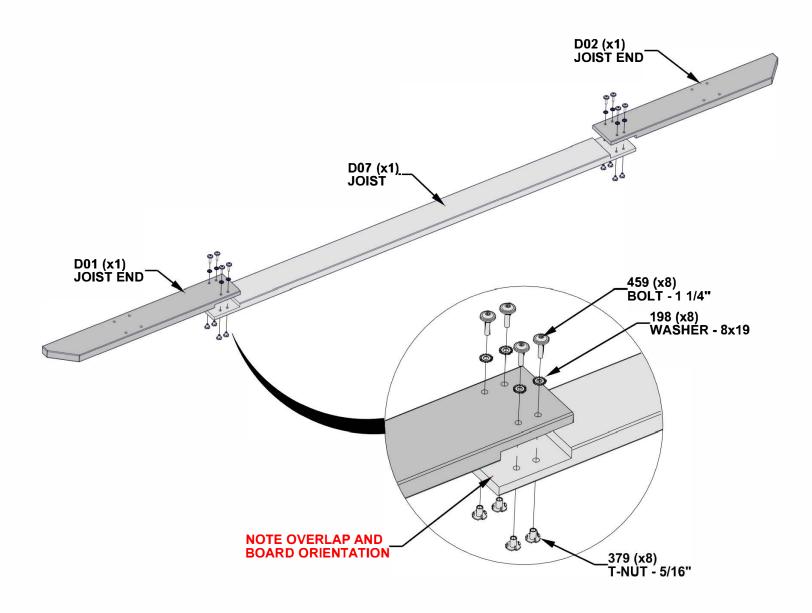
STEP 4 - PERGOLA ASSEMBLY



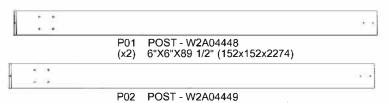
QTY	PART NUMBER	DESCRIPTION
16	H100198	WASHER LOCK EXT 8x19
16	H1003 7 9	T-NUT 5/16 BLK
16	H100459	BOLT WH 5/16x1 1/4 BLK

D07 JOIST - W4L15506 (x2) 1 3/8"X5 1/4"X83 1/8" (36x134x2112)

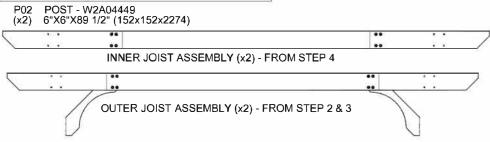
- INSERT T-NUTS FIRST.
- HAND TIGHTEN ONLY.
- COMPLETE THIS STEP TWICE.



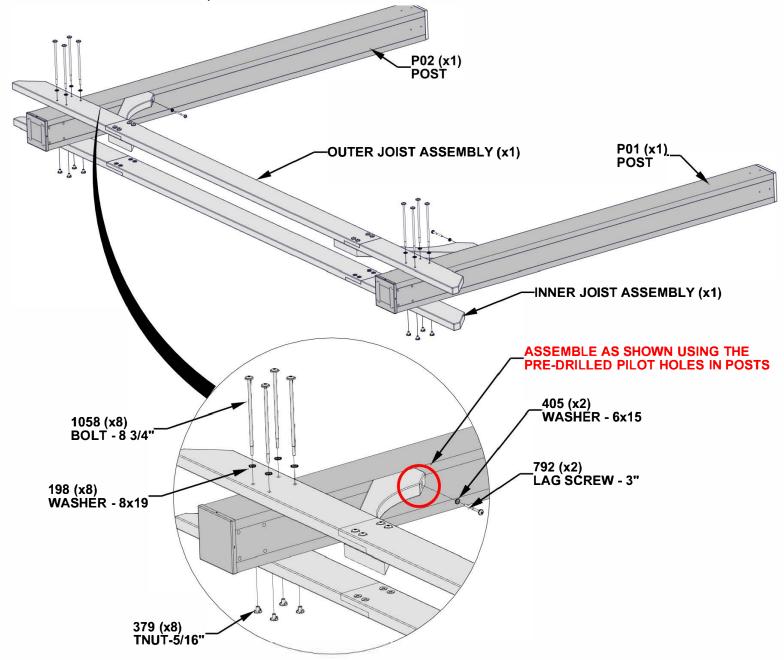
STEP 5 - PERGOLA ASSEMBLY



QTY	PART NUMBER	DESCRIPTION	
16	H100198	WASHER LOCK EXT 8x19	
16	H100379	TNUT-5/16" BLK	
4	H100405	WASHER LOCK EXT 6x15	
4	H100792	LAG SCREW WH 1/4x3 BLK	
16	H101058	BOLT WH 5/16x8 3/4 BLK	



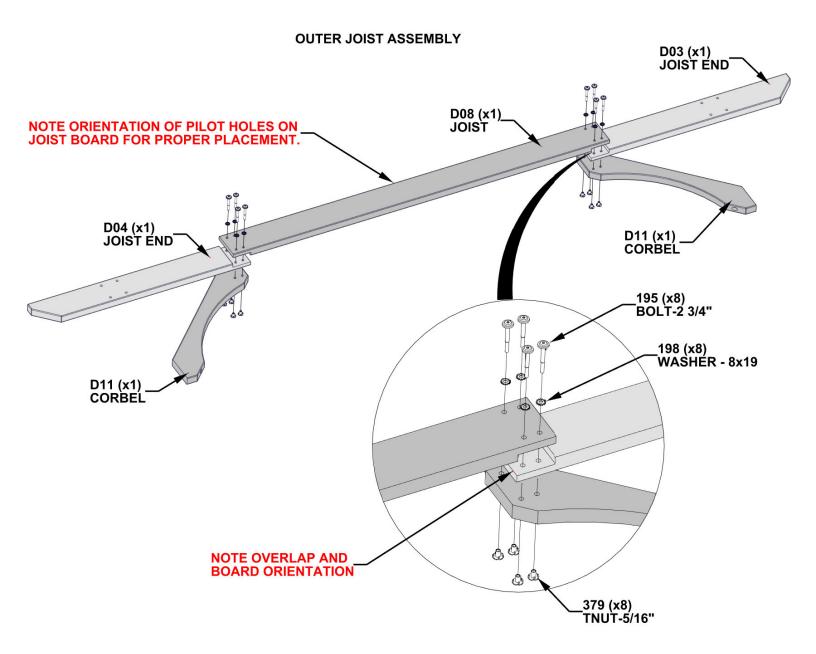
- INSERT T-NUTS FIRST.
- FULLY TIGHTEN HARDWARE FROM STEPS 2 4.
- COMPLETE THIS STEP TWICE.
- IF BOLT DOES NOT ENGAGE, CHECK FOR SAWDUST BUILD UP IN HOLES.



PART NUMBER DESCRIPTION STEP 6 - PERGOLA ASSEMBLY QTY 16 H100195 BOLT WH 5/16x2 3/4 BLK H100198 WASHER LOCK EXT 8x19 16 16 H100379 TNUT-5/16" BLK JOIST - W4L20659 1 3/8"X5 1/4"X71 1/2" (36x134x1815) D08 (x2)JOIST END - W4L20658 1 3/8"X5 1/4"X39 3/4" (36x134x1009) D03 JOIST END - W4L20657 1 3/8"X5 1/4"X39 3/4" (36x134x1009) (x2)

D11 CORBEL - W4L15510 (x4) 1 3/8"X5 1/4"X32 1/2" (36x134x826)

- INSERT T-NUTS FIRST.
- COMPLETE THIS STEP TWICE.



STEP 7 - PERGOLA ASSEMBLY

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0 0	

 QTY
 PART NUMBER
 DESCRIPTION

 16
 H100195
 BOLT WH 5/16x2 3/4 BLK

 16
 H100198
 WASHER LOCK EXT 8x19

 16
 H100379
 TNUT-5/16" BLK

D05 JOIST - W4L20660 (x2) 1 3/8"X5 1/4"X71 1/2" (36x134x1815)



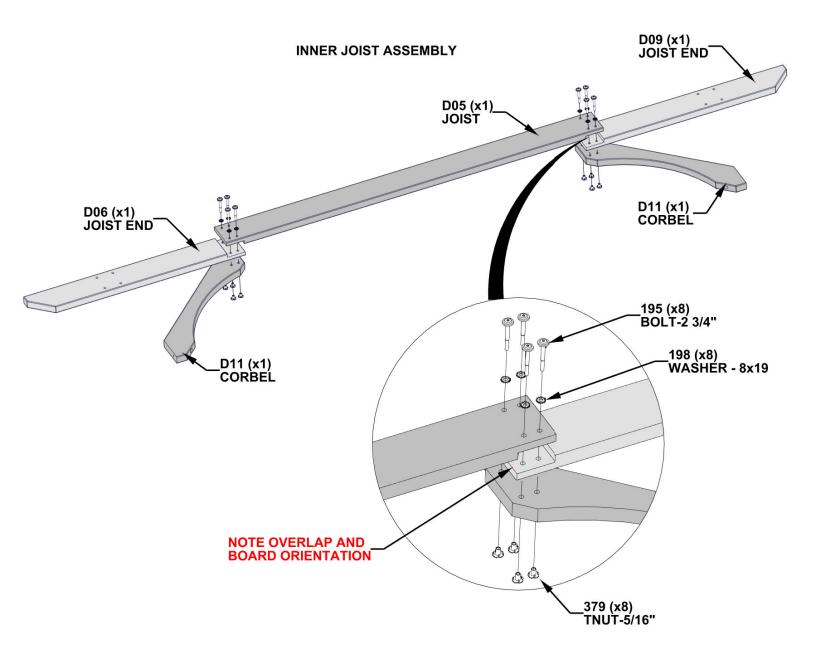
D11 CORBEL - W4L15510

0 0

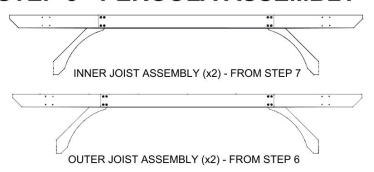
D06 JOIST END - W4L20661 (x2) 1 3/8"X5 1/4"X39 3/4" (36x134x1009) D11 CORBEL - W4L15510 (x4) 1 3/8"X5 1/4"X32 1/2" (36x134x826) D09 JOIST END - W4L20662 (x2) 1 3/8"X5 1/4"X39 3/4" (36x134x1009)

- INSERT T-NUTS FIRST.

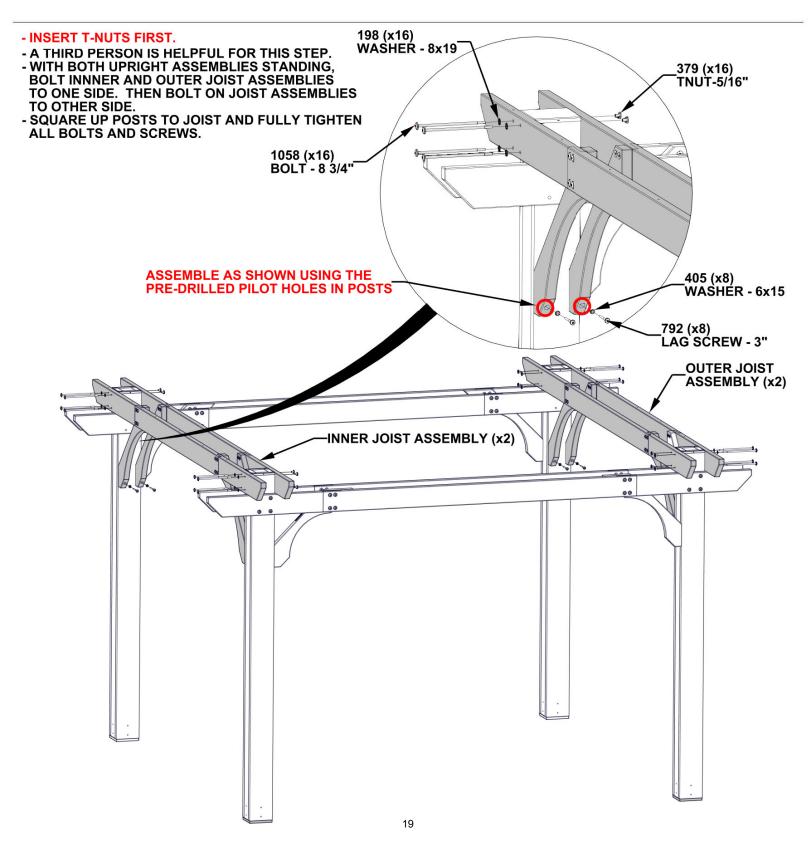
- COMPLETE THIS STEP TWICE.



STEP 8 - PERGOLA ASSEMBLY



QTY	PART NUMBER	DESCRIPTION	
16	H100198	WASHER LOCK EXT 8x19	
16	H100379	TNUT-5/16" BLK	
8	H100405	WASHER LOCK EXT 6x15	
8	H100792	LAG SCREW WH 1/4x3 BLK	
16	H101058	BOLT WH 5/16x8 3/4 BLK	



STEP 9 - PERGOLA ASSEMBLY



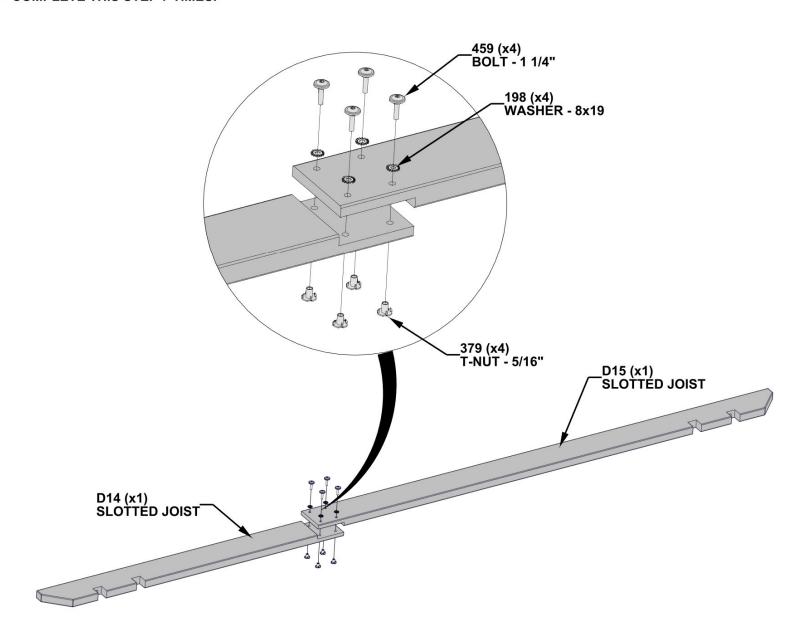
QTY	PART NUMBER	DESCRIPTION
28	H100198	WASHER LOCK EXT 8x19
28	H100379	T-NUT 5/16 BLK
28	H100459	BOLT WH 5/16x1 1/4 BLK



D15 SLOTTED JOIST - W4L15517 (x7) 1 3/8"X5 1/4"X89 1/2" (36x134x2274)

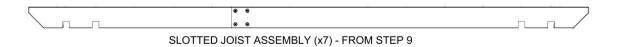
- INSERT T-NUTS FIRST.

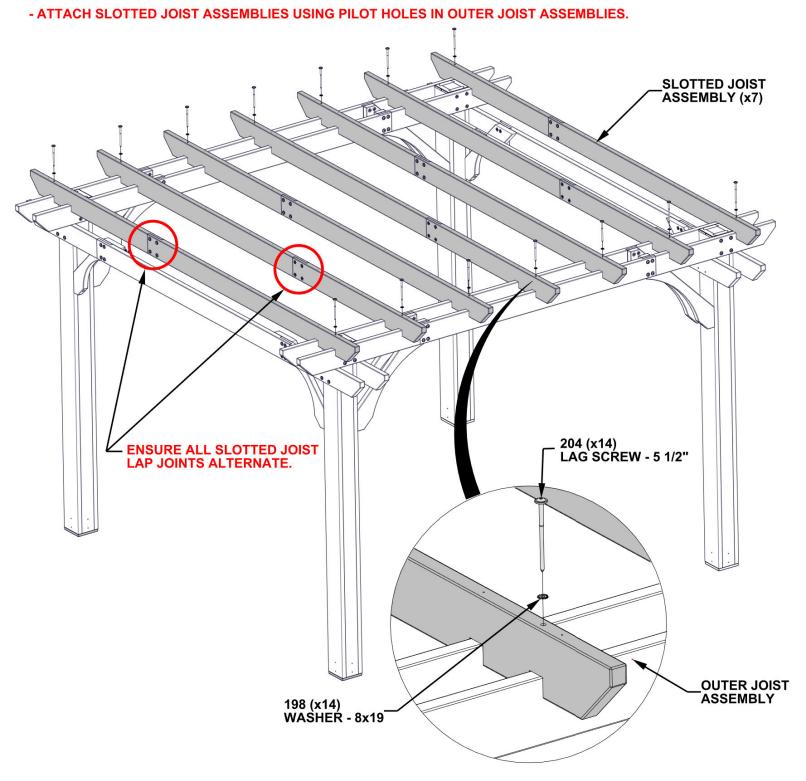
- COMPLETE THIS STEP 7 TIMES.



STEP 10 - PERGOLA ASSEMBLY

QTY	PART NUMBER	ER DESCRIPTION		
14	H100198	WASHER LOCK EXT 8x19		
14	H100204	LAG SCREW WH 5/16x5 1/2 BLK		





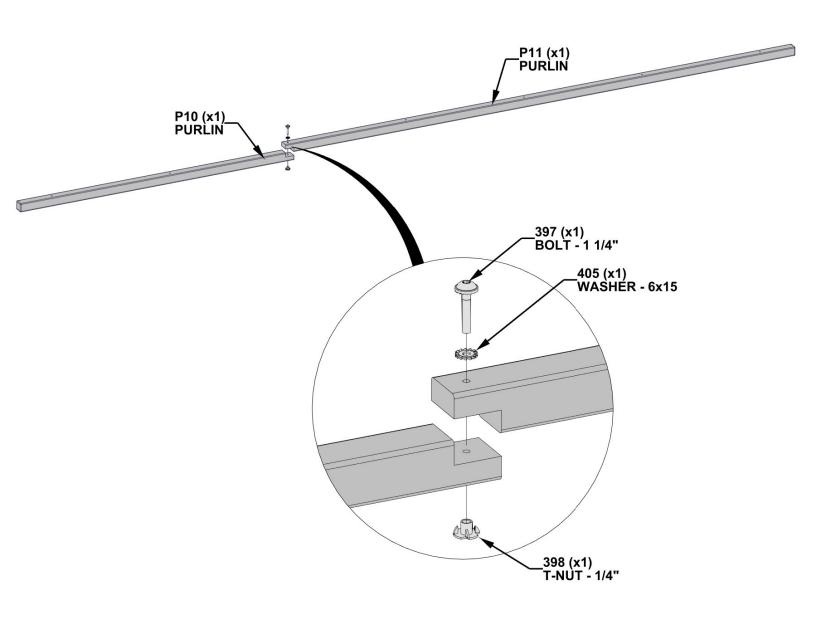
STEP 11 - PERGOLA ASSEMBLY

100	QTY	PART NUMBER	DESCRIPTION
	14	H100397	BOLT WH 1/4x1 1/4 BLK
	14	H100398	T-NUT 1/4 BLK
	14	H100405	WASHER LOCK EXT 6x15

P10 PURLIN - W4L20663 (x14) 1 3/8"X1 3/8"X46 7/8" (36x36x1191)

P11 PURLIN - W4L20664 (x14) 1 3/8"X1 3/8"X87 3/8" (36x36x2219)

- INSERT T-NUTS FIRST.
- COMPLETE THIS STEP FOURTEEN TIMES.

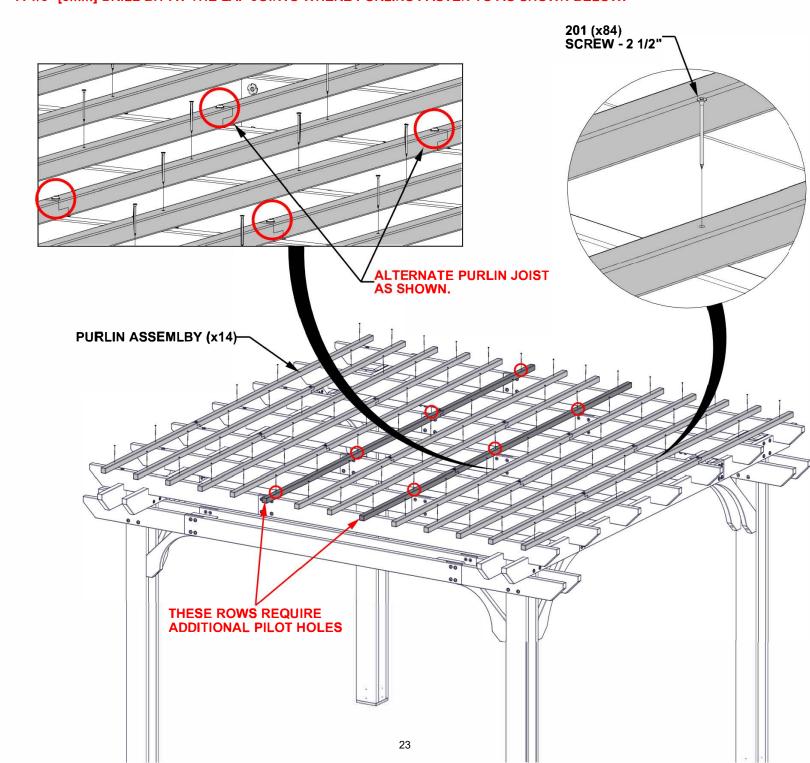


STEP 12 - PERGOLA ASSEMBLY

j	QTY	PART NUMBER	DESCRIPTION
ì	84	H100201	SCREW PFH 8x2 1/2 BLK

PURLIN ASSEMBLY (x14) - FROM STEP 11

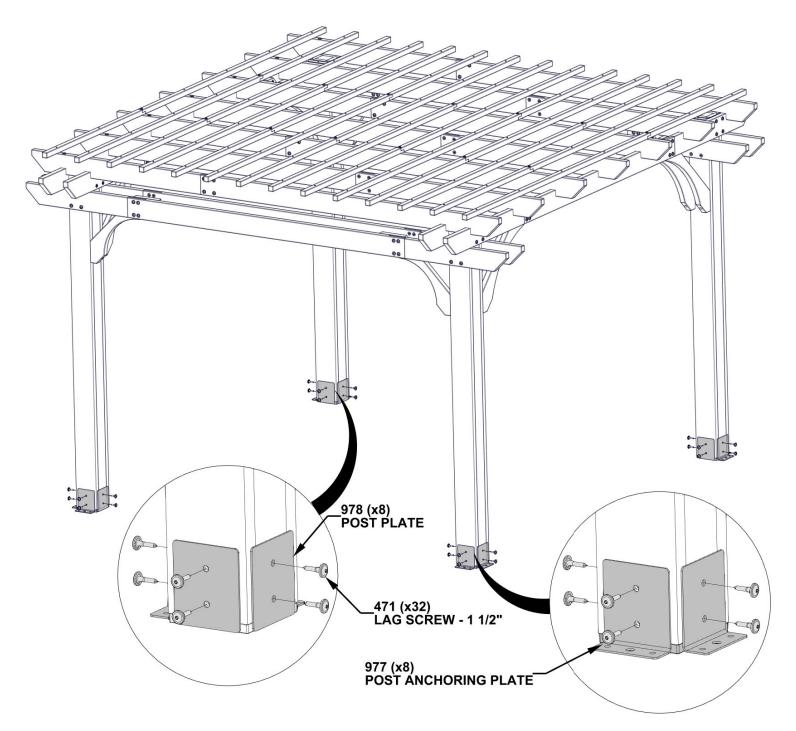
- ALIGN PILOT HOLES.
- WHEN LIFTING UP EACH PURLIN ASSEMBLY, ENSURE THAT JOINTS ARE SUPPORTED AND PURLIN IS KEPT LEVEL.
 TO AVOID WOOD SPLITTING OUT, IT IS RECOMMENDED THAT A 1/8" [3mm] DEEP PILOT HOLE IS MADE USING A 1/8" [3mm] DRILL BIT AT THE LAP JOINTS WHERE PURLINS FASTEN TO AS SHOWN BELOW.



STEP 13 - PERGOLA ASSEMBLY

			· · · · · · · · · · · · · · · · · · ·		
			QTY	PART NUMBER	DESCRIPTION
			32	H100471	LAG SCREW WH 5/16x1 1/2 BLK
		Contraction of the Contraction o			
	0		0		
	0		0		
	666				
A4M00977 (x8)	POST ANCHORING PLATE	A4M00978 (x8)	POST PLATE		

- ALL 977 STEEL POST ANCHORING PLATES MOUNTS ON THE OUTSIDE OF POSTS AS SHOWN. ALL 978 STEEL POST PLATES MOUNTS ON THE INSIDES OF THE POST AS SHOWN.

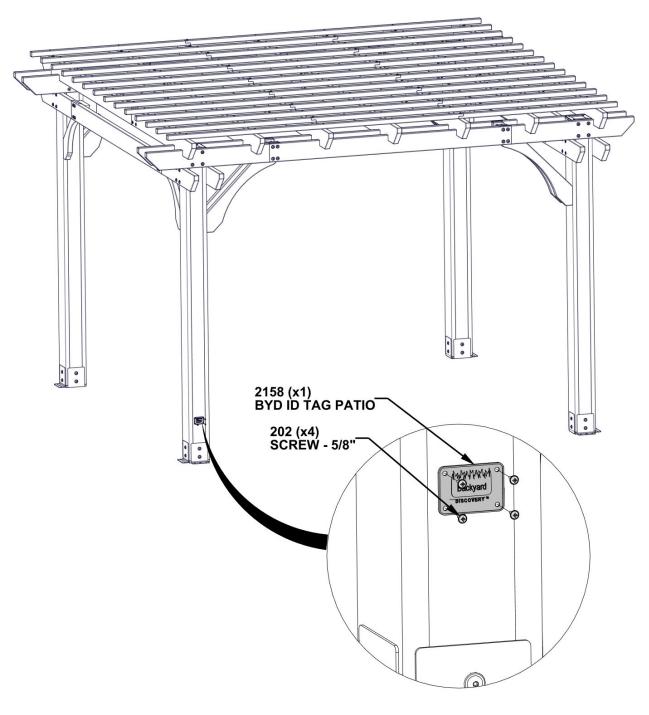


STEP 14 - PERGOLA ASSEMBLY



A4M02158 BYD ID TAG PATIO (x1)

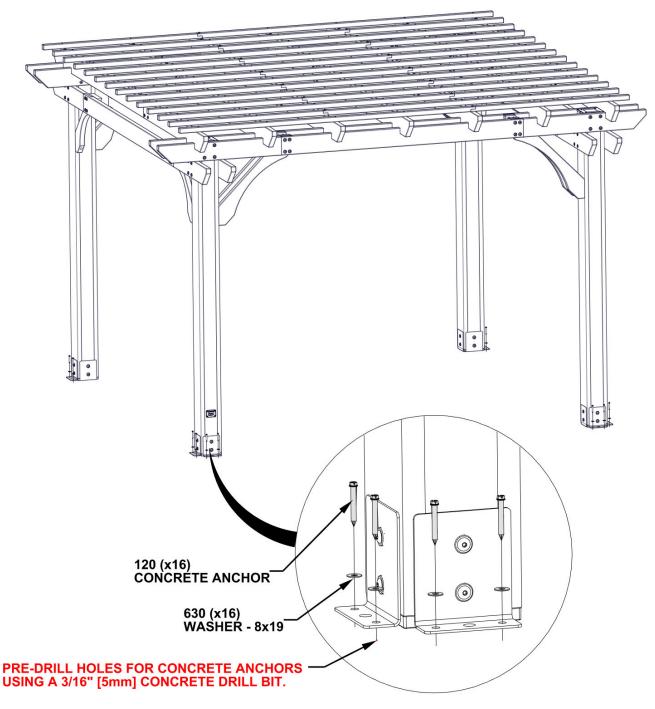
QTY	PART NUMBER	DESCRIPTION
4	H100202	SCREW PWH 8x5/8 BLK



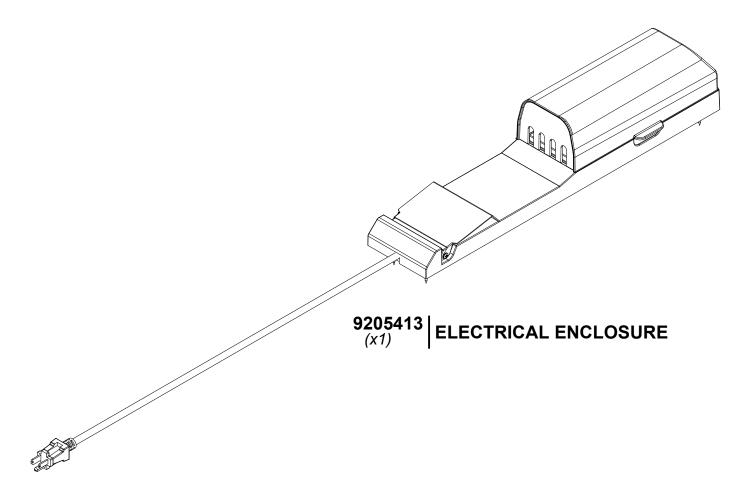
STEP 15 - PERGOLA ASSEMBLY

QT	Y 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 DECKS, YOU MUST ENSURE THERE IS AMPLE STRUCTURAL SUPPORT UNDER THE DECK. HARDWARE NOT INCLUDED FOR DECK ATTACHMENT.



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.