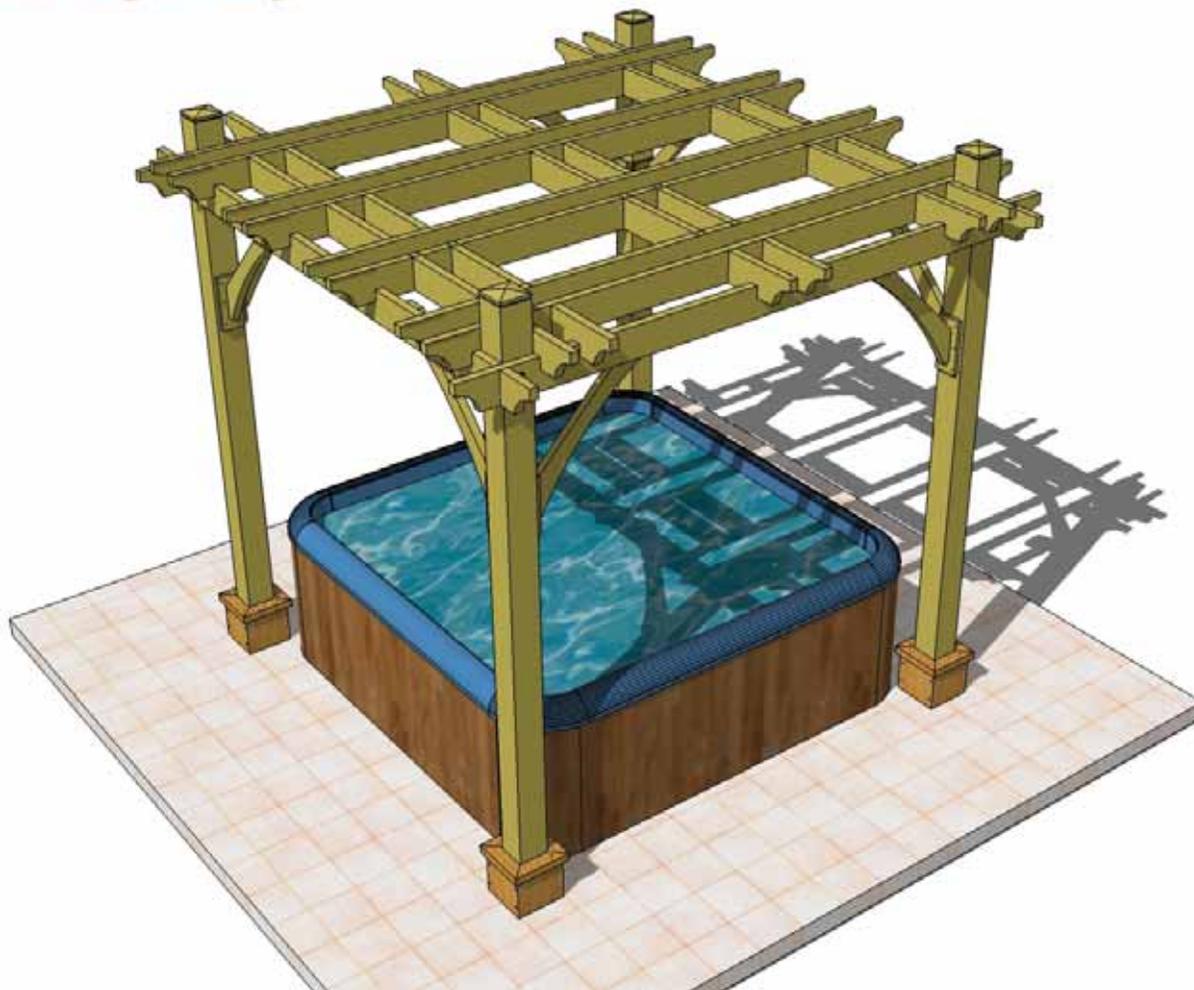




# 8x8 Spa Breeze Pergola Assembly Manual Outdoor Living Today

Revision 3.  
Feb 18th/2015



**Note:** Post Mounting Hardware is **NOT** included in this kit. Please confirm with your local building permit office to determine the correct hardware in your area.

If you plan to paint or stain your Pergola before assembly, be sure to scribe or mark the top edge of Joist where Stub Joists and Ladder Blockings are pre-marked. Painting or staining may cover up markings making it more difficult to align components later.

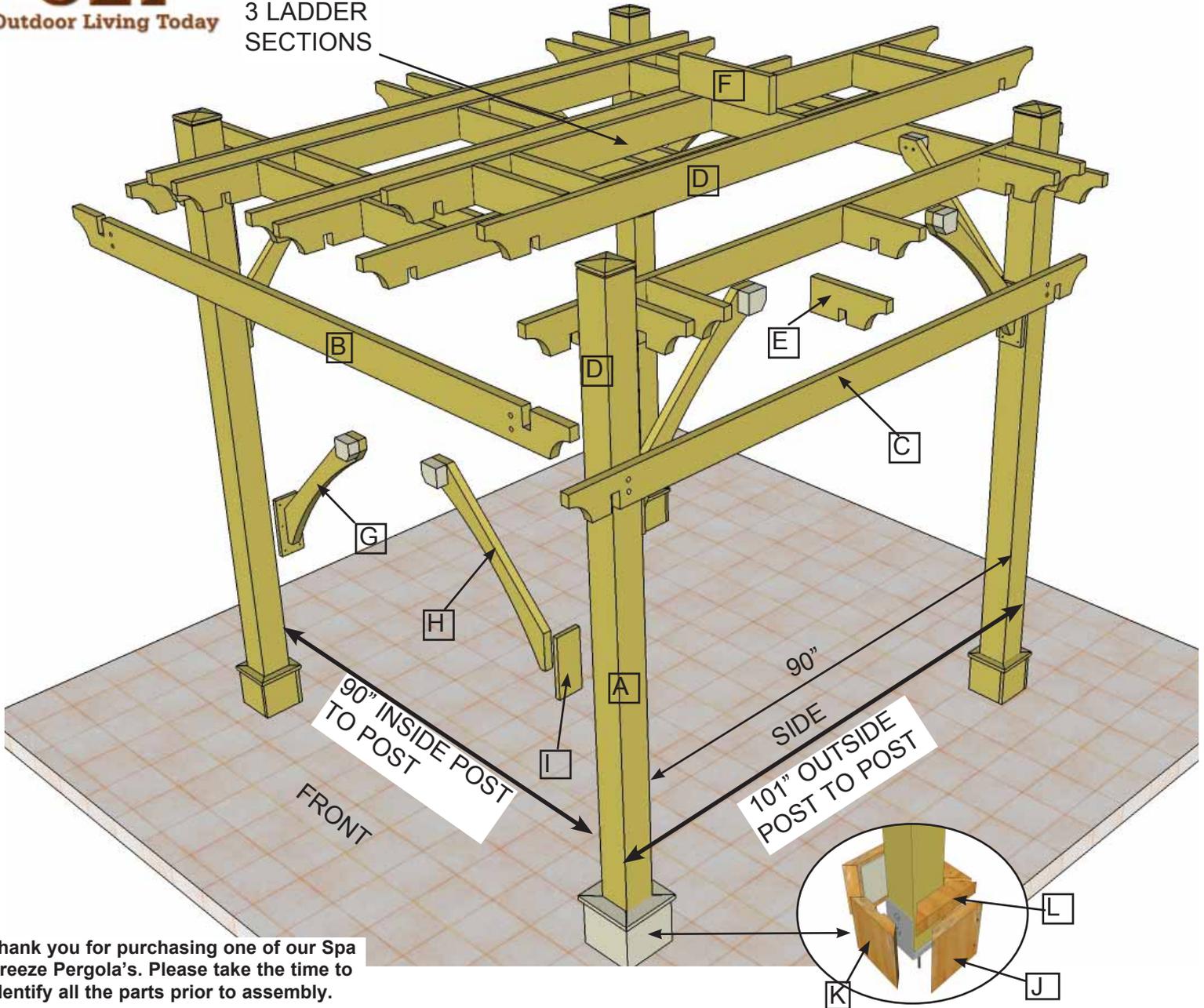
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**In the event of a missing or broken piece, simply call the Outdoor Living Today Customer Support Line @ 1-888-658-1658 within 30 days of the delivery of your purchase. It is our commitment to you to courier replacement parts, free of charge, within 10 business days of this notification. Replacement parts will not be provided free of charge after the 30 day grace period.**

# Packing Check List

## 8 x 8 Spa Breeze Pergola

Check Off Parts When Unpacking from Pallet



Thank you for purchasing one of our Spa Breeze Pergola's. Please take the time to identify all the parts prior to assembly.

### Parts Lists:

	T	W	L	Qty.
<b>A - Posts</b>	5 3/8"	5 3/8"	108"	4
<b>B - Girder (deep notch on top)</b>	1 1/2"	5 1/2"	119"	2
<b>C - Girder (deep notch on bottom)</b>	1 1/2"	5 1/2"	119"	2
<b>D - Joist (shallow notch on bottom)</b>	1 1/2"	5 1/2"	119"	8
<b>E - Stub Joist</b>	1 1/2"	5 1/2"	14 1/2"	12
<b>F - Ladder Blocking</b>	1 1/2"	5 1/2"	18 5/8"	18
<b>G - Left Corner Brackets</b>	1 1/2"	5 1/2"	34 3/4"	4
<b>H - Right Corner Brackets</b>	1 1/2"	5 1/2"	34 3/4"	4
<b>I - Corner Bracket Post Mount</b>	3/4"	4 1/2"	10 1/2"	8

### Post Skirting Kits - 4 Kits / Each includes:

<b>J - Post Skirtings with Cleat</b>	1 1/2"	9"	10"	2
<b>K - Post Skirtings- Dado Cut</b>	1 1/2"	9"	10"	2
<b>L- Post Skirting Caps</b>	1 1/2"	2 1/2"	10 5/8"	4

### Specifications:

**Wood Species** - Western Red Cedar  
**Grade** - Architectural Knotty or Better  
**Posts** - Laminated Western Red Cedar  
**Lag Screws and Washers** - Zinc Plated  
**4", 2 1/2" & 2" Screws** - Magna Guard  
**2" Screws for Brackets** - Stainless Steel  
**2" Finishing Nails** - Stainless Steel

### Overall Outside Dimensions:

119" x 119" x 108" high  
 Height (Ground to Bottom Girder) - 95 1/2"  
**Post Mounts** - Not Included with Kit  
**Recommended Post Mount**  
 Simpson Strong Tie - ABU66

# 8x8 SPA BREEZE PERGOLA HARDWARE PACKAGE

## Hardware Kit (Provided)

Note: screws and nails shown actual size.



Square Drive Bit



2" Stainless



2"



2" SS Finishing Nail



3" Lag Screw and Washer (16 each)



2 1/2"



4"



Wooden Dowel (8)

## Tools Required (Not Provided)



Hammer



Screw Gun/Drill



Tape Measure



Wood Clamp



9/16" Wrench



Level



Pliers



Ladder



1/8" & 1/4" Drill Bits

## Safety Equipment Required (Not Provided)



Safety Glasses



Work Gloves

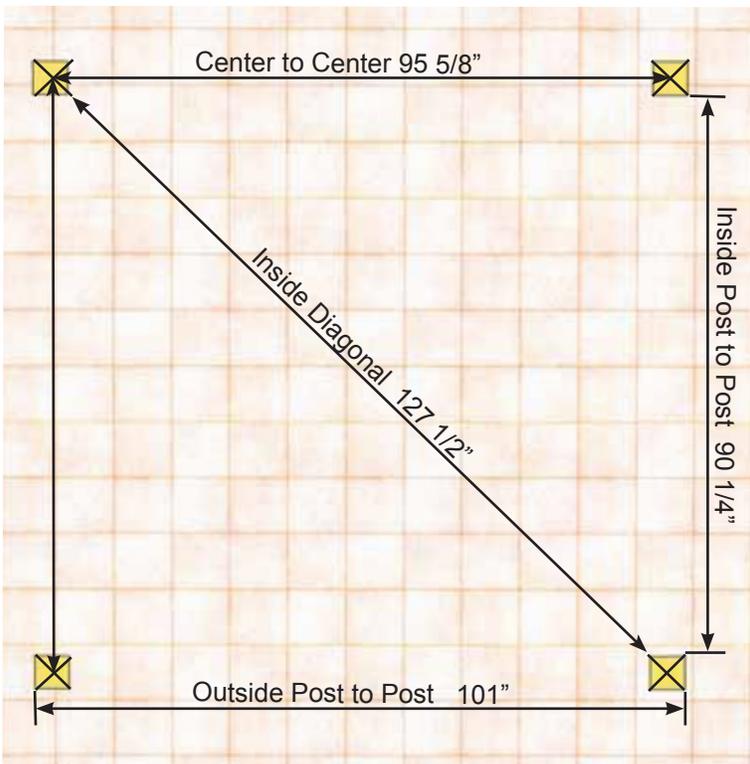
## Laying Out Your Footprint

To determine the proper placement of your Posts and Footings, refer to footprint detail illustration on the left.

Outside Post to Post measurements for the 8'x8'x Spa Breeze Pergola is **101" x 101"**.

Take diagonal measurements in both directions to confirm square.

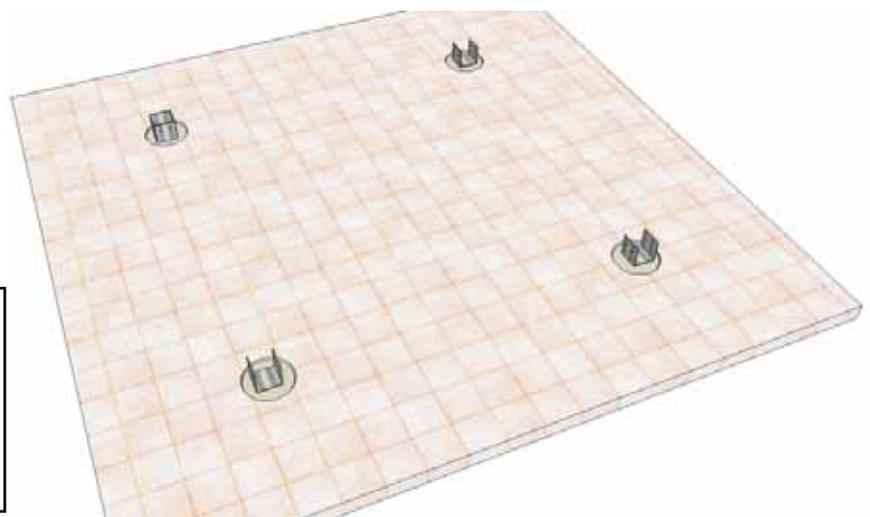
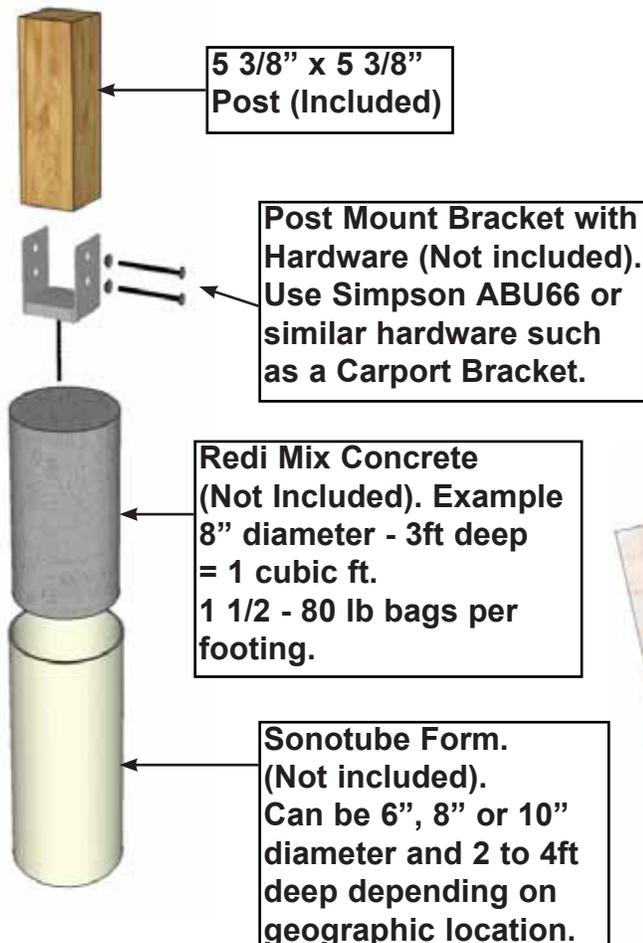
Mark out center to center post locations on the ground.



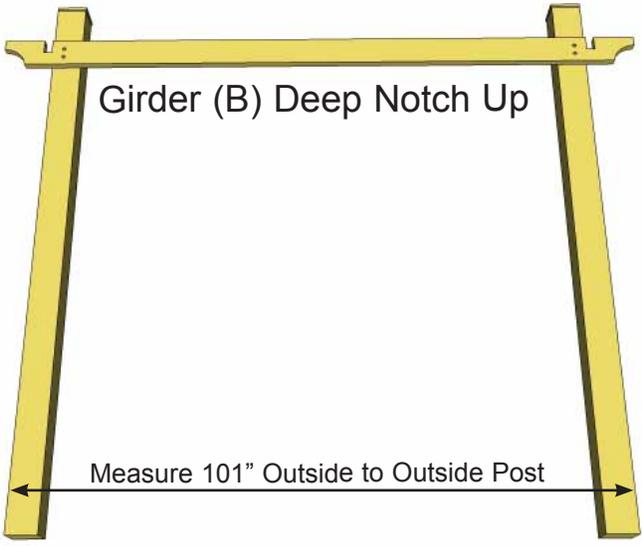
## Pouring Your Forms

1. Dig large enough hole (use measurements above) and deep enough to be below the frost line.
2. Place 2" of crushed gravel in the bottom of hole.
3. Cut Sonotube to proper length. Measure and cut tubes for each hole individually, as hole depths are likely to vary by a few inches.
4. Set the tube in hole. Use a level to ensure that tube is plumb in the hole and level at the top. Backfill by shoveling dirt into the hole around the outside of the tube.
5. Pour concrete into the sonotube. Set post mount bracket into the pier tops as you pour the concrete. Confirm center to center location for post mount brackets when pouring concrete.

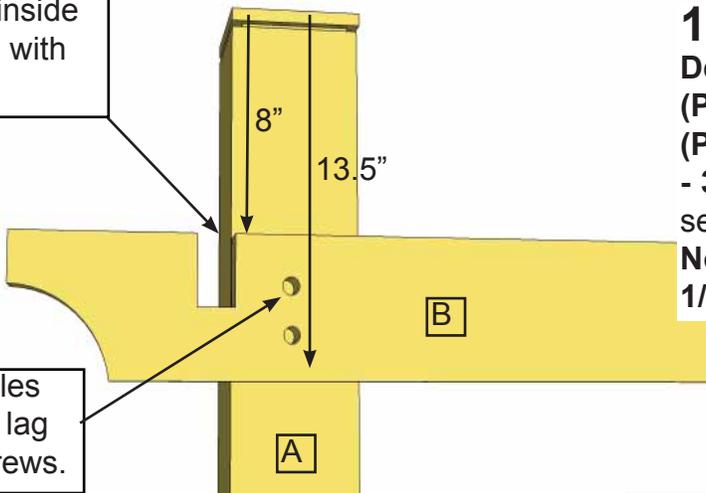
## Typical Post Footing for New Construction.



**Important - Western Red Cedar Lumber and Timbers will have surface splitting that occurs as lumber seasons and dries to the moisture content in your area. Splitting or “checking”, as it is referred to, can be 1/8” to 1/4” wide and can run several feet. This does not diminish the structural integrity of the material in any way.**

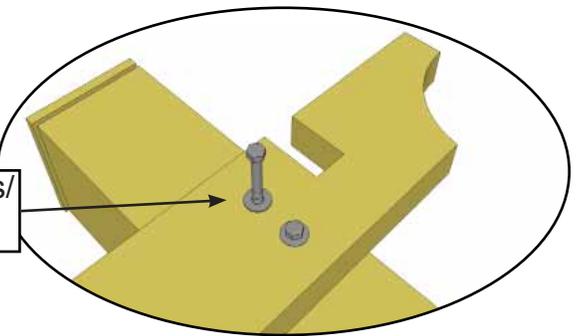


Deep Notch facing up and inside flush with post.



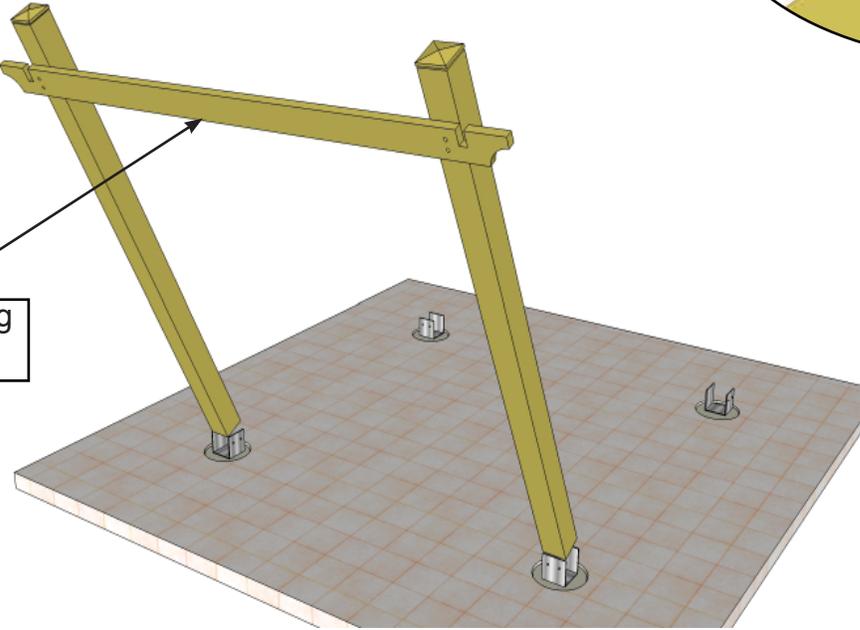
**1.** On flat level ground, lag screw the **Girder with Deep Notch On Top - 1 1/2" x 5 1/2" x 119"** (Part B) to two **Posts - 5 3/8" x 5 3/8" x 109"** (Part A) approximately 8" from top of posts with **2 - 3" long Lag Screws and Washers**. Complete 2 sets of girder/post assembly's.  
**Note; Pilot hole a shallow hole into post with 1/4" drill bit.**

Lag screws/washers.



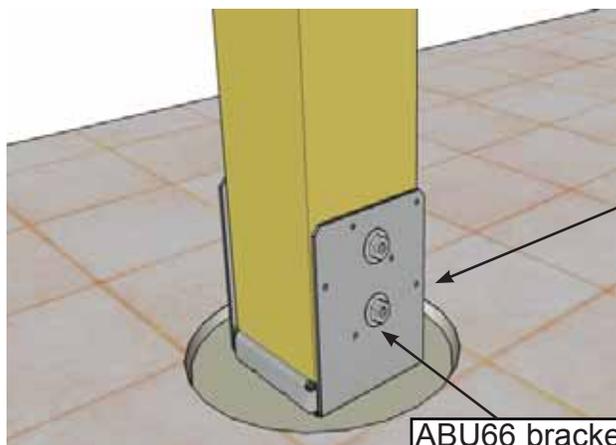
**Important-** You will require the assistance of 2 helpers to support the posts up to **Step 7.**

Girder facing out.

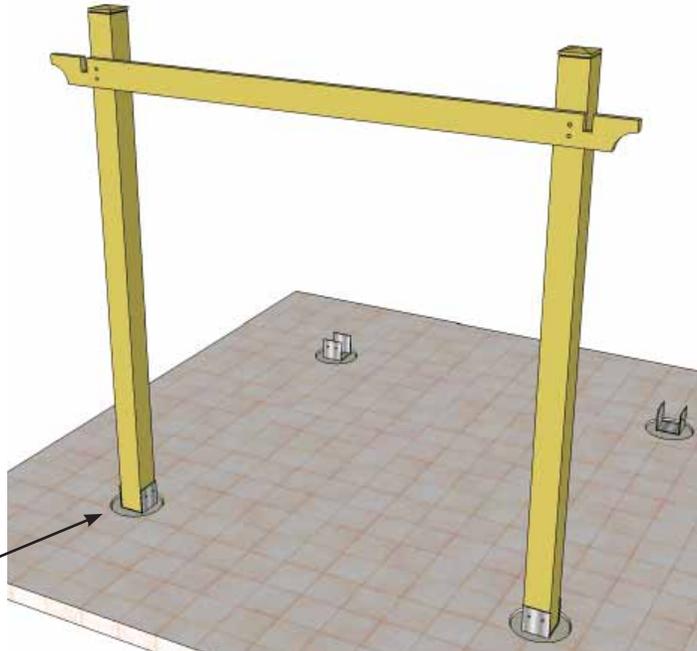


**2.** Lift up a completed post/girder Assembly slowly and carefully. **Make sure girder is facing outward.**

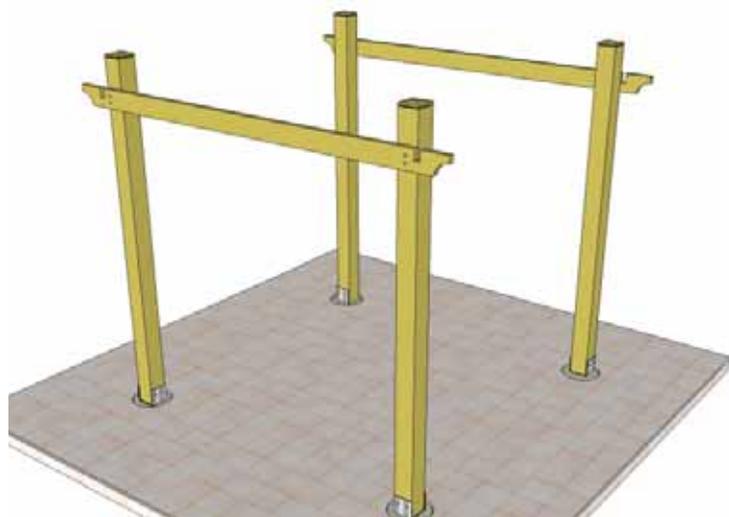
**3.** If Post Mount Hardware is installed, position bottom of posts in hardware.



ABU66 bracket shown.

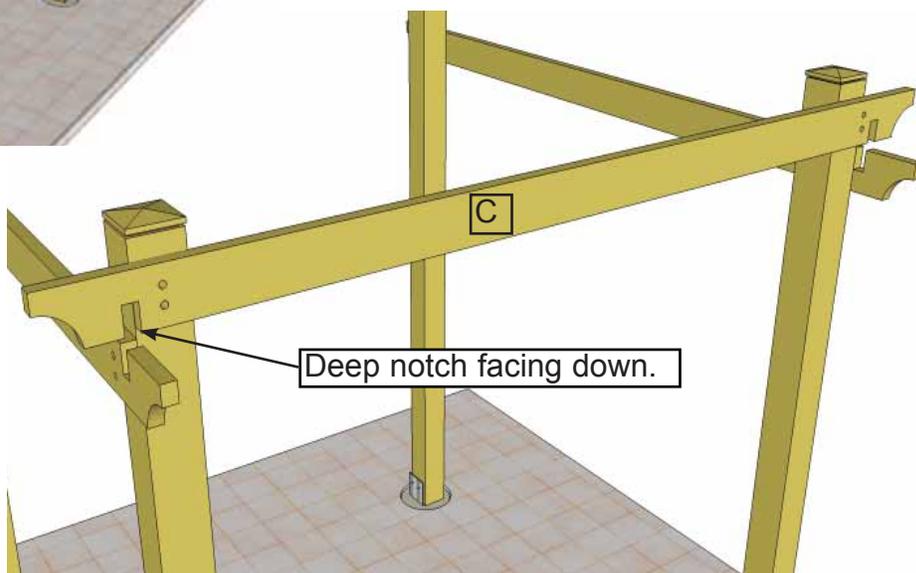


**4.** Secure post to post hardware with appropriate hardware such as bolts , lag bolts or a sufficient number of screws. **(Hardware Not Supplied)**

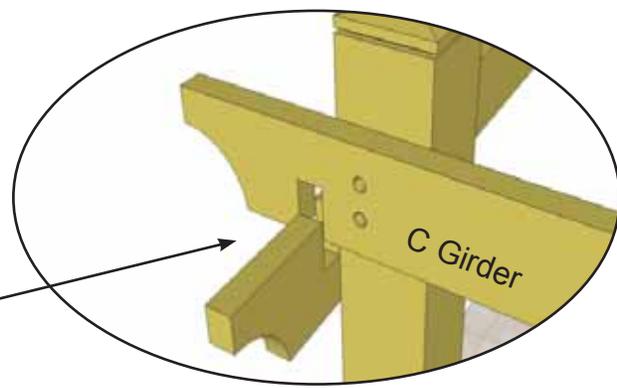
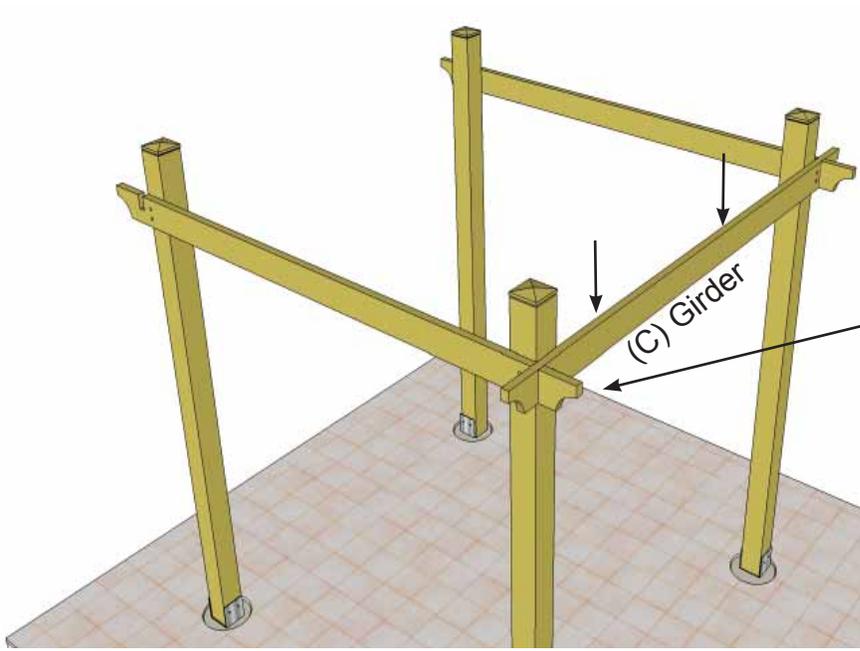


Lift, position and attach the second post/girder assembly to post hardware.

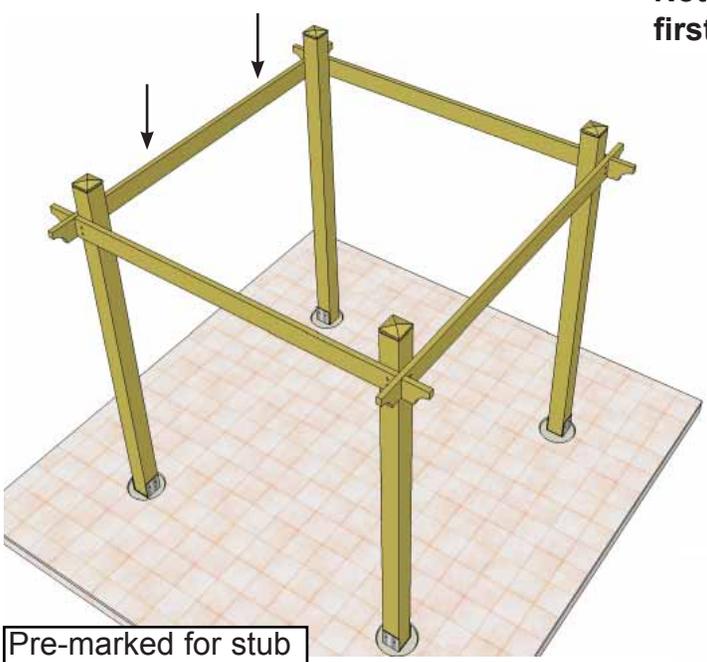
**5.** Locate Girder with Deep Notch on Bottom (C) and lift up between both completed post/girder assembly's.



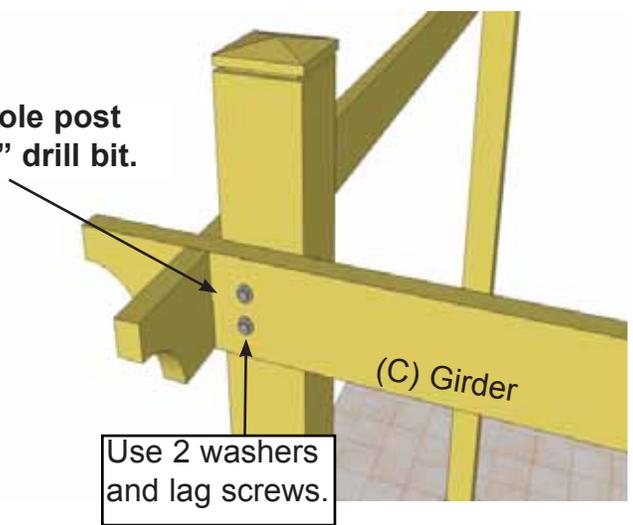
Deep notch facing down.



**6.** Carefully lower **(Part C) Girder with Deep Notch Facing Down - 1 1/2" x 5 1/2" x 119"** down into notch of (B) girders. Be careful not to twist the girder when positioning down into place. Lag screw girder to post. Drill shallow pilot hole first with 1/4" bit.



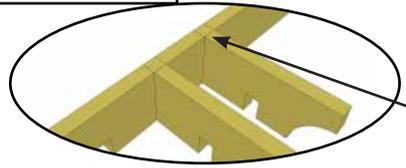
**Note; Pilot hole post first with 1/4" drill bit.**



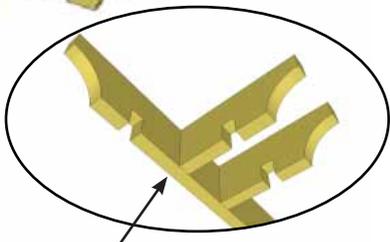
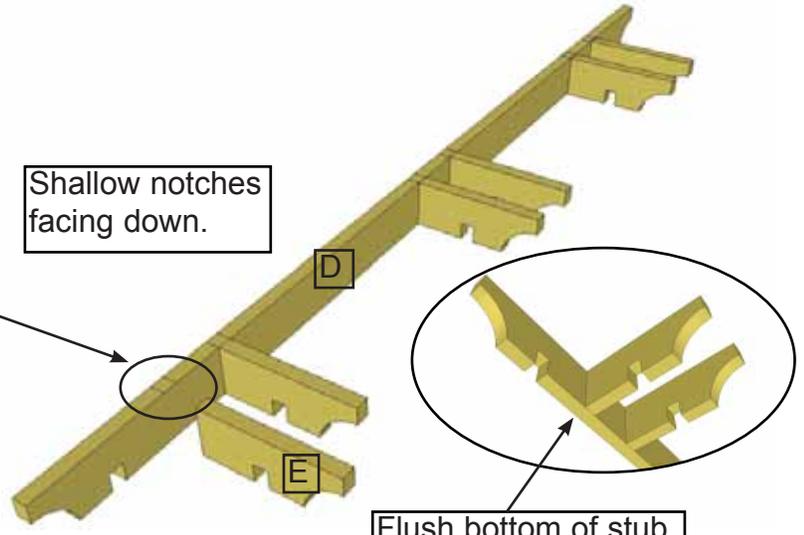
Use 2 washers and lag screws.

**7.** Lift, position and lag screw the second (C) girder to posts.

Pre-marked for stub joist placement.



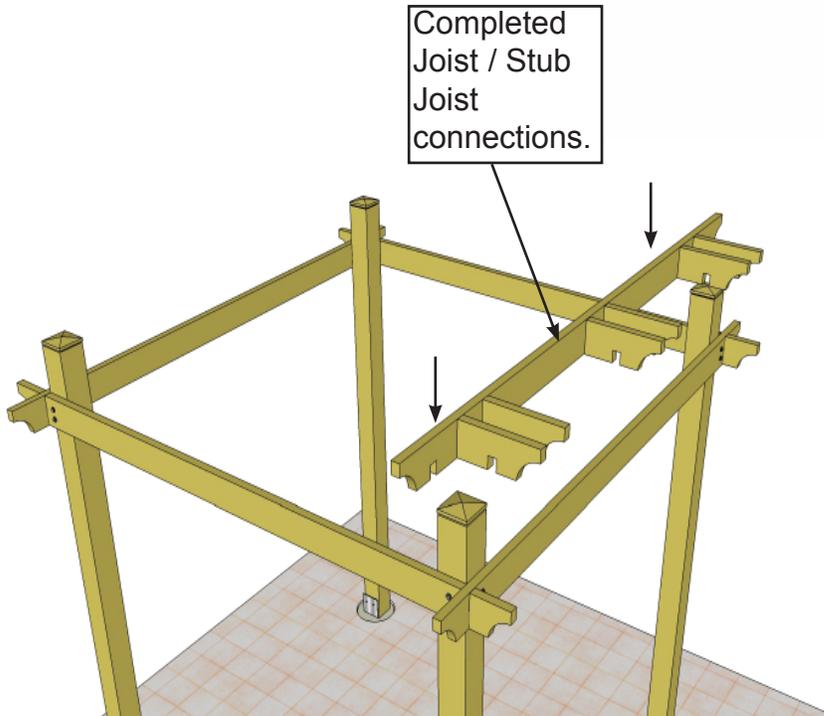
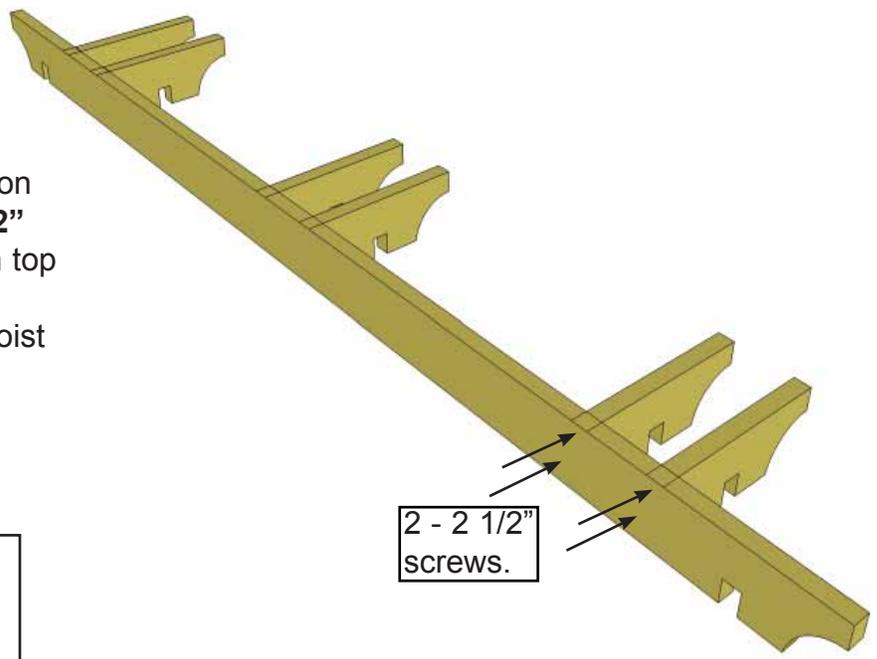
Shallow notches facing down.



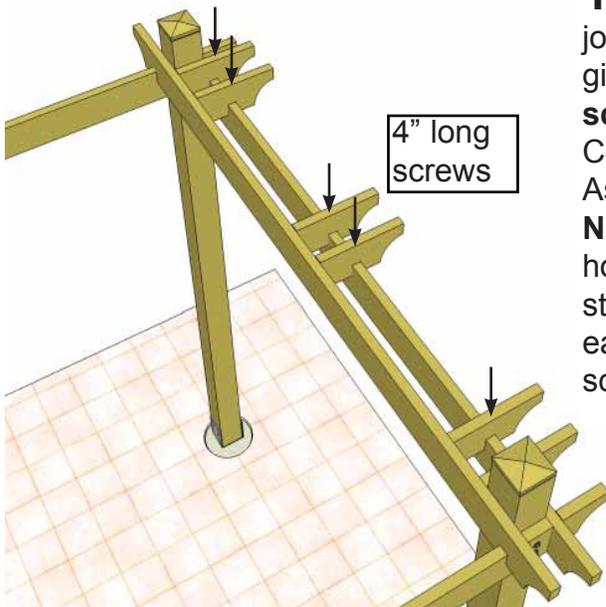
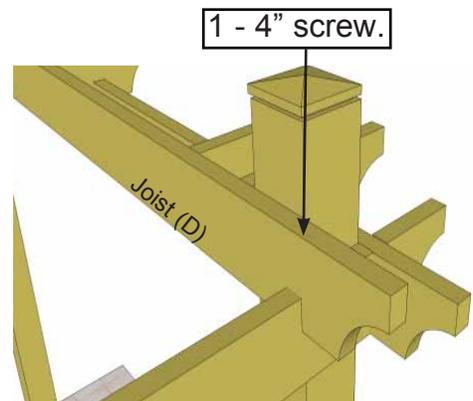
Flush bottom of stub with bottom of joist.

**8.** On level ground, position **1 Joist - 1 1/2" x 5 1/2" x 119"** (**Part D**) and **8 Stub Joists - 1 1/2" x 5 1/2" x 14 1/2"** (**Part E**). Joists are pre-marked on top edge for stub joist and blocking positioning. Make sure to flush bottom of stub joist with bottom of joist. When complete, more important to have a nice fit on bottom rather than top.

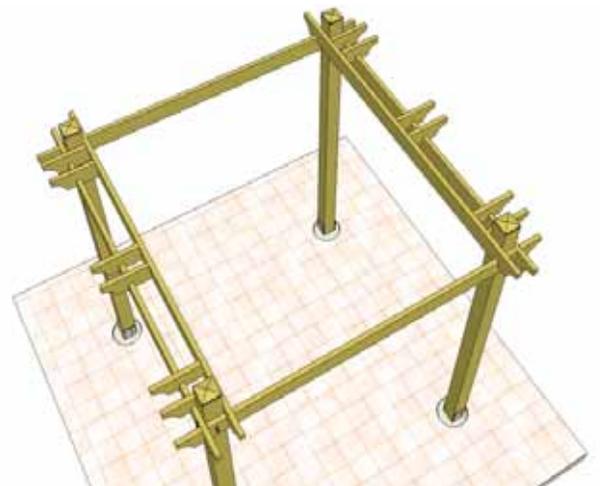
**9.** With stub joists positioned correctly on joist, attach each stub joist with **2 - 2 1/2" screws**. Stub joists should be flush with top and bottom of joist with all notches facing down. There are two joist / stub joist assembly's, complete both now.



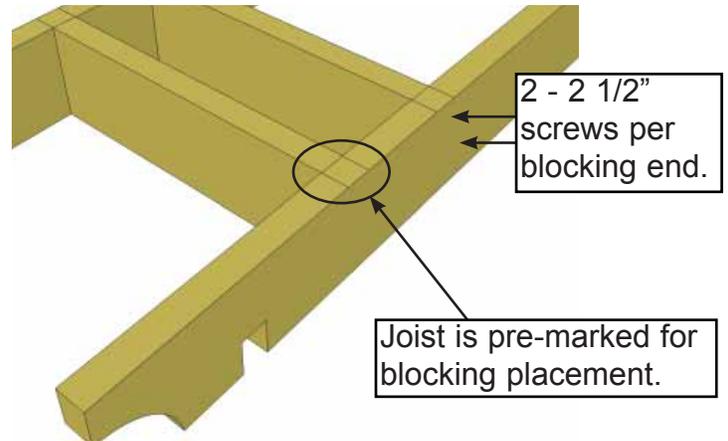
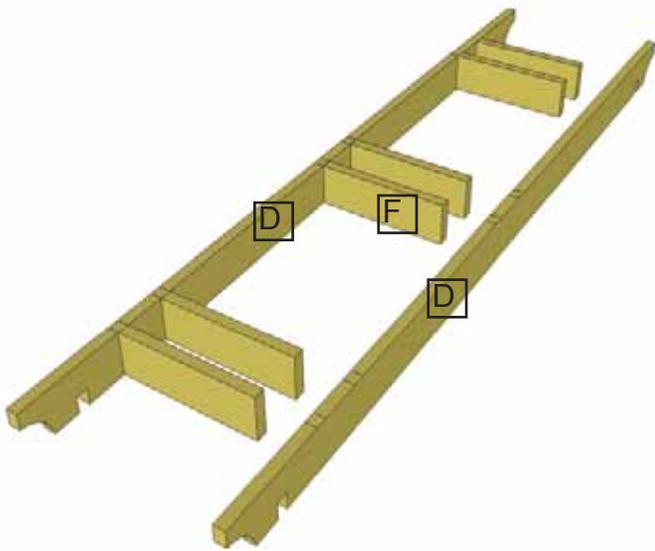
**10.** Carefully lift up completed joist / stub joist assembly and fit notches onto girder.



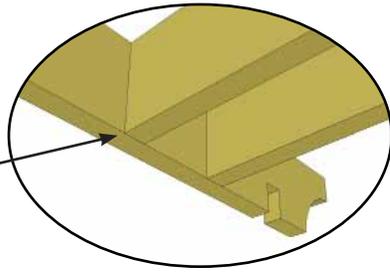
**11.** Attach all stub joists and joist to girder with **1 - 4" screw** per piece. Complete both Assembly's  
**Note:** Drill 1/8" pilot holes in joists and stub joists to make it easier to screw in 4" screws.



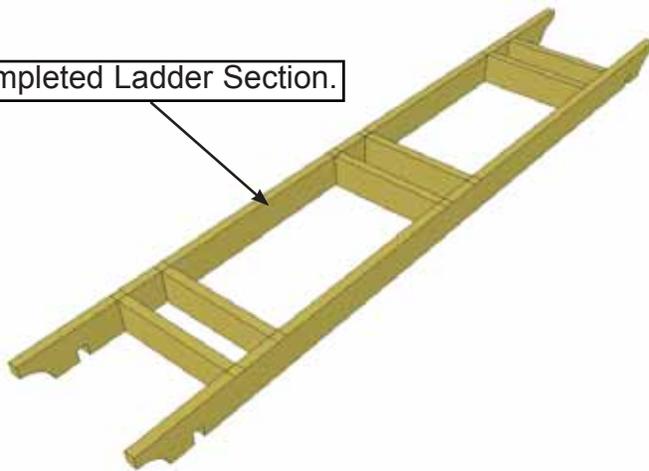
**12.** On a flat surface, position **Ladder Blocking (F)** where marked on top edge of joist (D) and screw with **2 - 2 1/2" screws** per end. Ladder blocking should be flush with top and bottom of joist with all notches facing down.



Make sure to flush bottom of blocking with bottom of joist. When complete, more important to have a nice fit on bottom rather than top since you will be looking up while under the pergola.

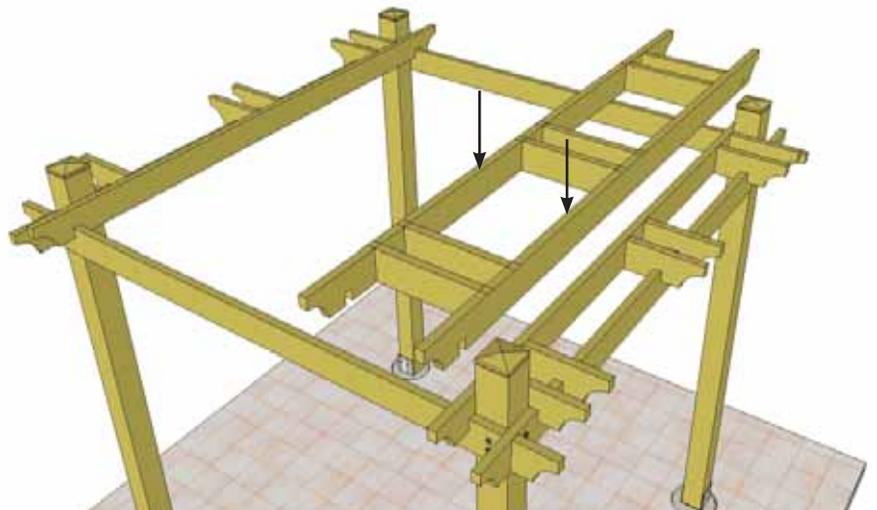


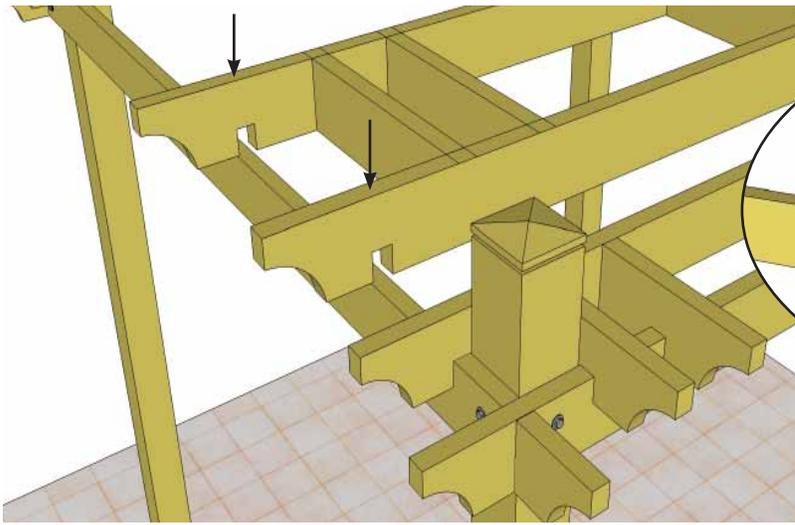
Completed Ladder Section.



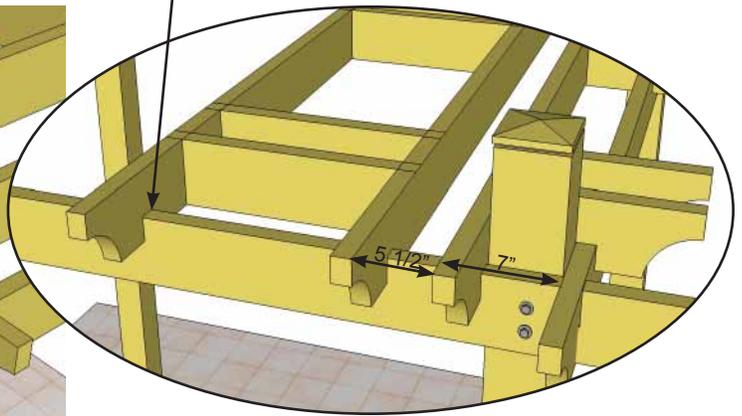
**13.** Complete all three ladder sections on the ground prior to moving to **Step 14.**

**14.** Carefully lift up one of the ladder sections between girders. **You will require a helper to assist in lifting ladder sections.**

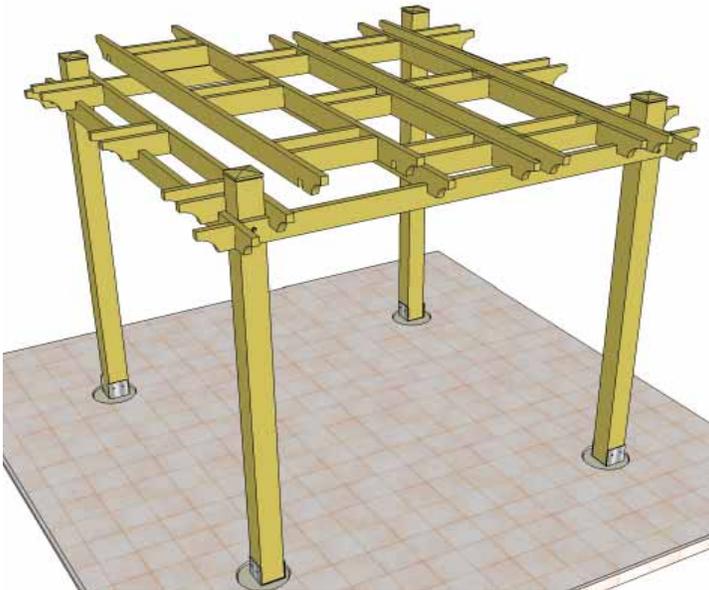
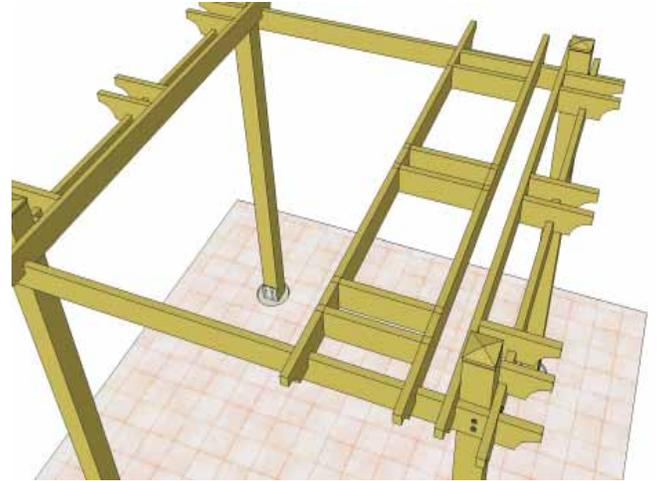




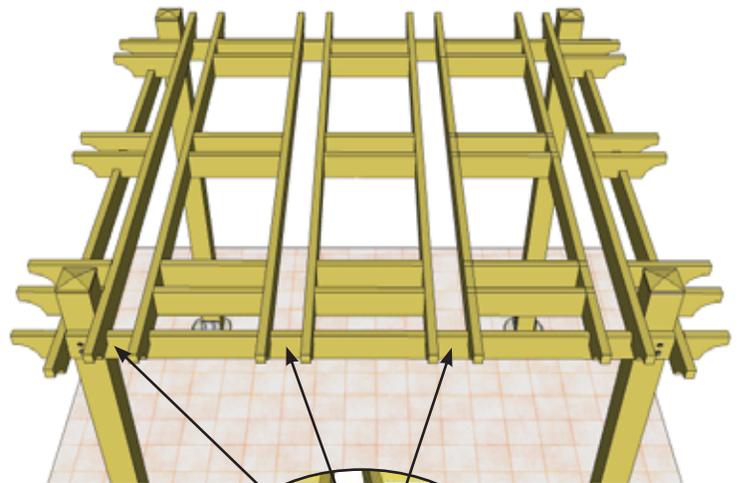
Notch slips onto girder.



**15.** Carefully slide joist notches of ladder section onto girder. Try to align notches so they fall into place all at once. With notches of ladder section all sitting correctly on girder, slide section approximately 7" from post. Check alignment of opposite end of ladder section.

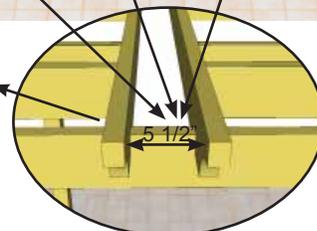


**16.** Set all remaining ladder sections in place on girder spacing each **approximately 5 1/2"** apart.

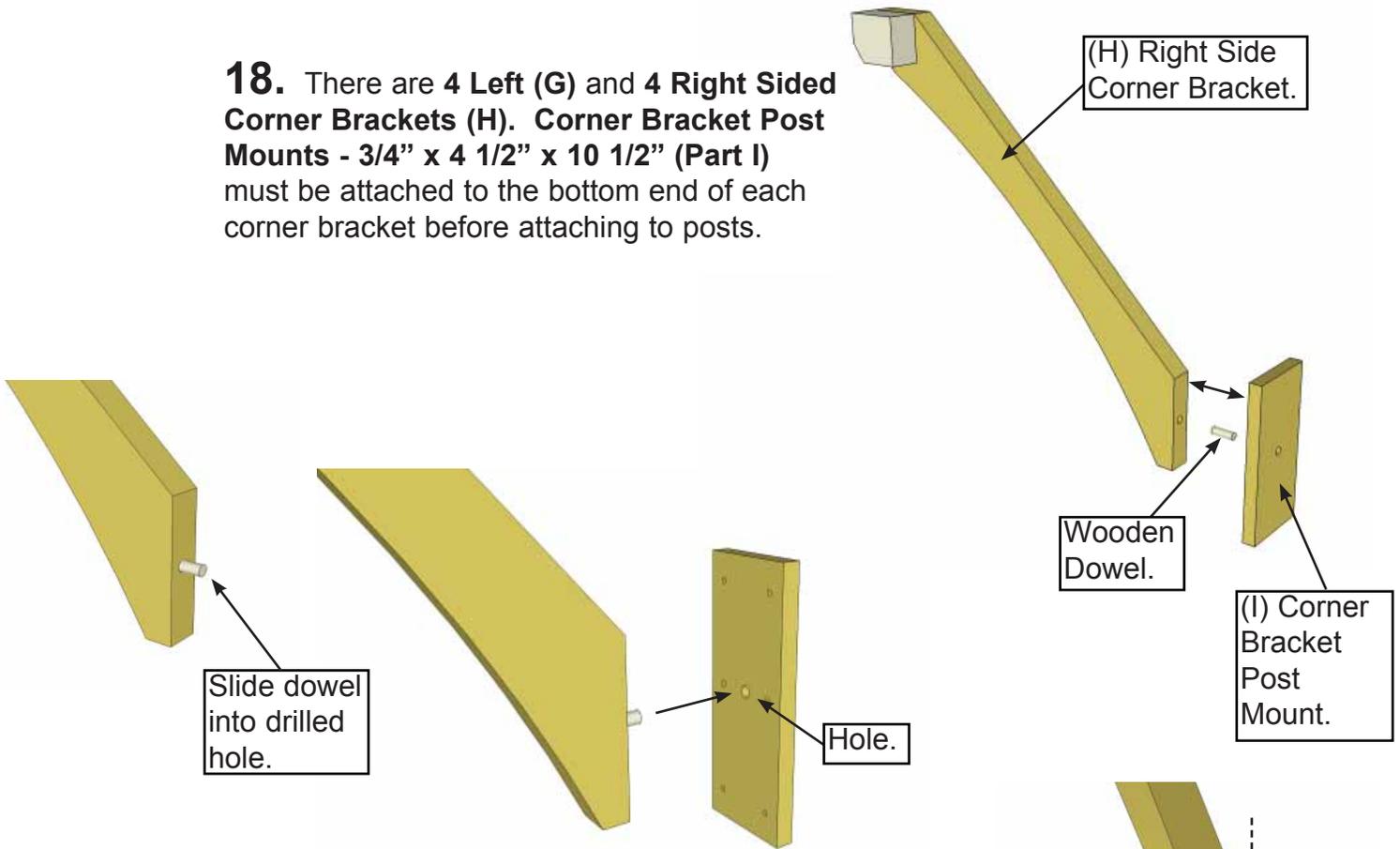


**17.** With all ladder sections in place, check once more for equal spacing. When satisfied with ladder section positioning, attach to girders with **4 - 4" screws** per ladder. Screw from top edge of joist down into girder. Pilot hole again with 1/8" bit first to help with screwing.

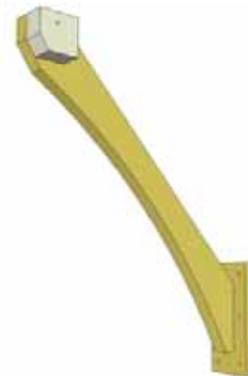
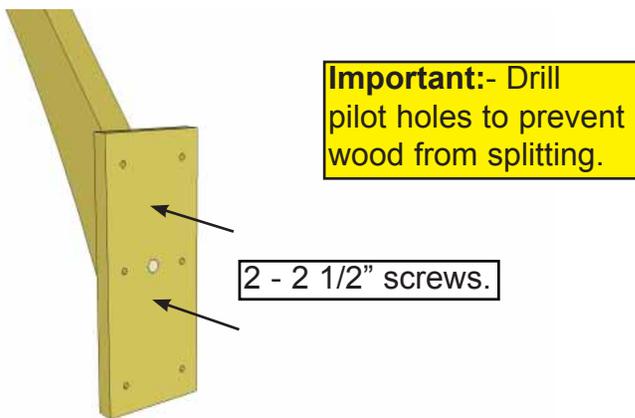
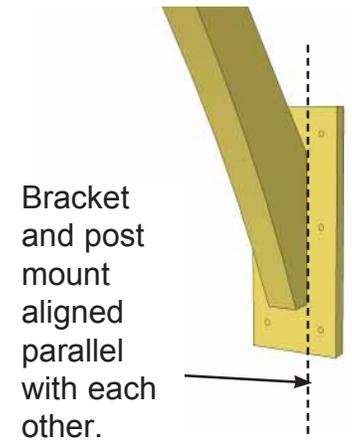
Pilot hole joist first and secure with 4" screws/ladder section.



**18.** There are 4 **Left (G)** and 4 **Right Sided Corner Brackets (H)**. **Corner Bracket Post Mounts - 3/4" x 4 1/2" x 10 1/2" (Part I)** must be attached to the bottom end of each corner bracket before attaching to posts.

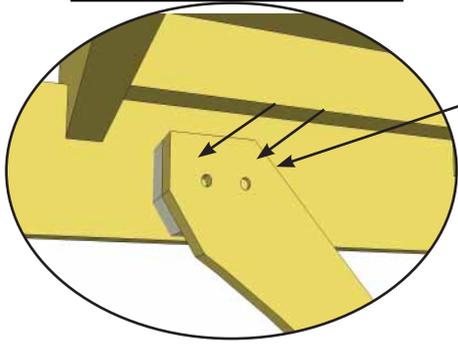


**19.** To assist you with bracket and post mount alignment, both the end of the bracket and post mount have been drilled for a **Wooden Dowel**. Wooden dowels are found in the **Hardware Kit Bag**. Insert a wooden dowel in end of corner bracket first and then push post mount onto dowel until bracket and post mount are flush together. Align post mount parallel with bracket.



**20.** With bracket and post mount correctly aligned, screw post mount to bracket with **2 - 2 1/2" screws**. **Important- Drill 1/8" pilot holes in post mounts and bracket to prevent wood from splitting!** Complete all remaining brackets / post mount connections.

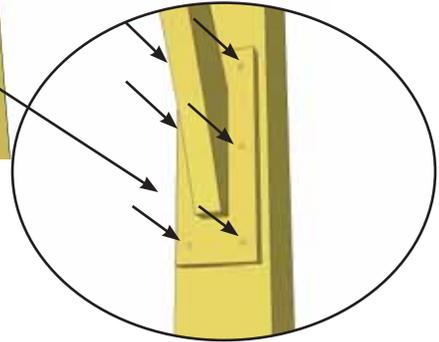
4" screws countersunk  
1/2" below surface.



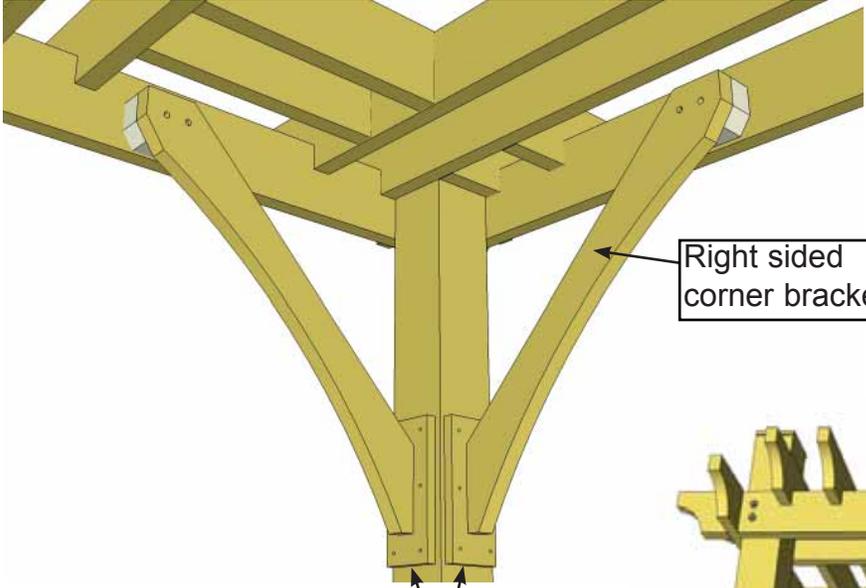
Bracket  
spacer flush  
with bottom  
of girder.

Left sided  
corner bracket.

**Important-** Posts may need to be aligned so they are true and square to mount corner brackets correctly. Use a **Level** to determine correct post position.



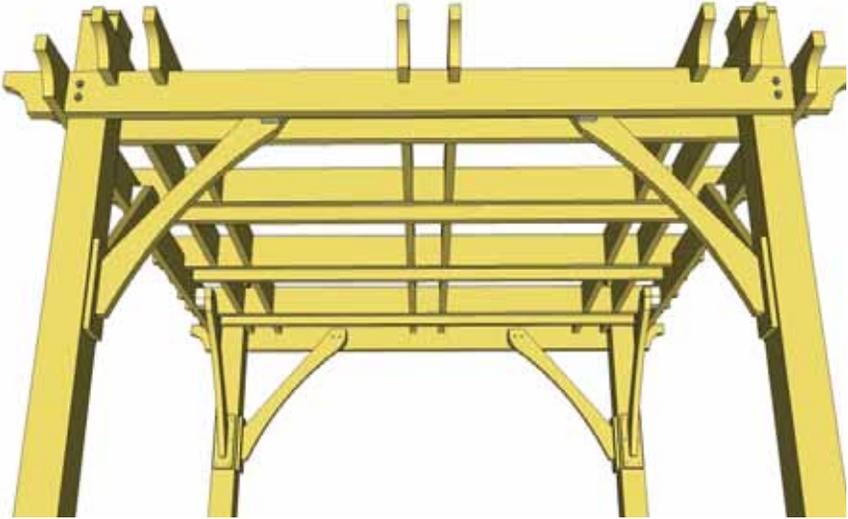
**21.** Lift completed left sided corner bracket up and align bottom of bracket spacer flush with bottom of girder. At bottom of corner bracket, align post mount evenly and tight against post. When correctly aligned, secure at top with **2 - 4" screws**. To secure post mount, use **6 - 2" Stainless Steel Screws**. Note, post mount and top of bracket are pre-drilled.



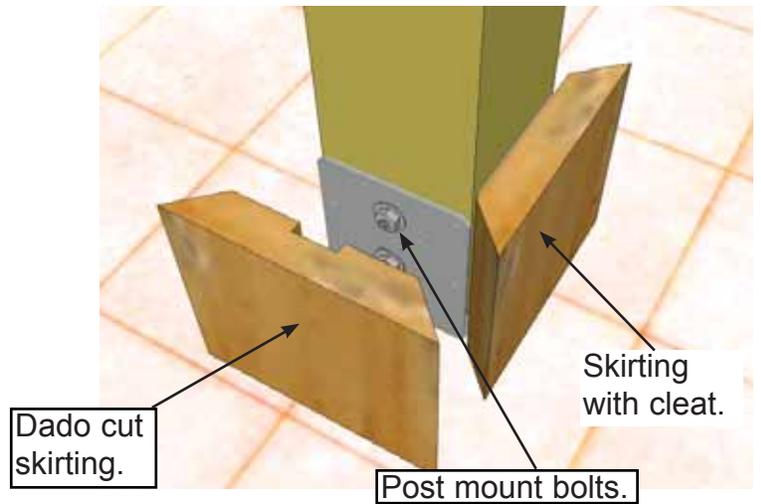
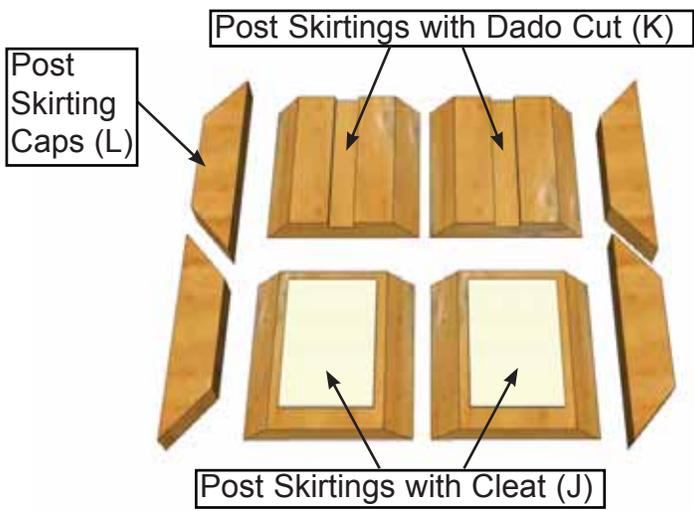
Right sided  
corner bracket.

**22.** Align and attach a right sided corner bracket on post as per **Step 21**. Make sure both brackets are aligned on post at the same height before attaching.

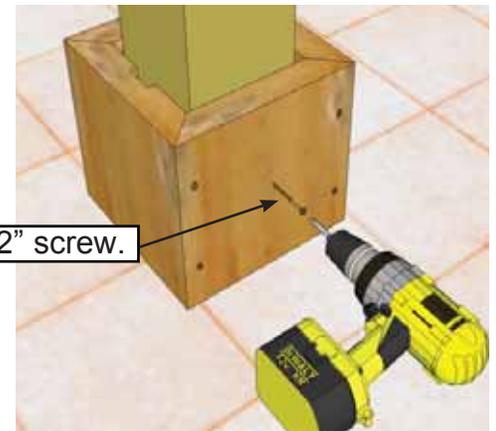
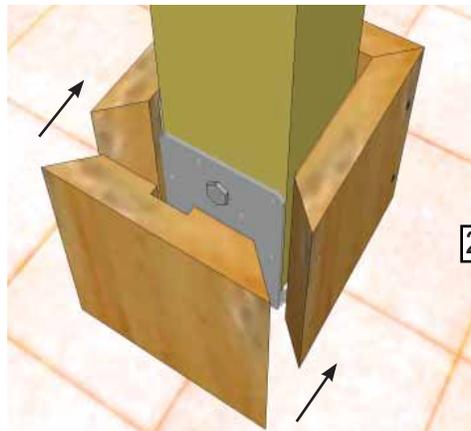
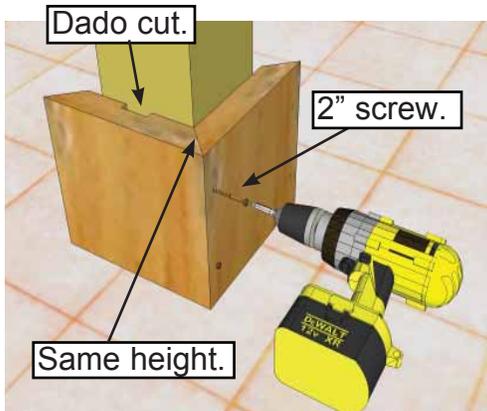
Align corner  
bracket on post at  
same height.



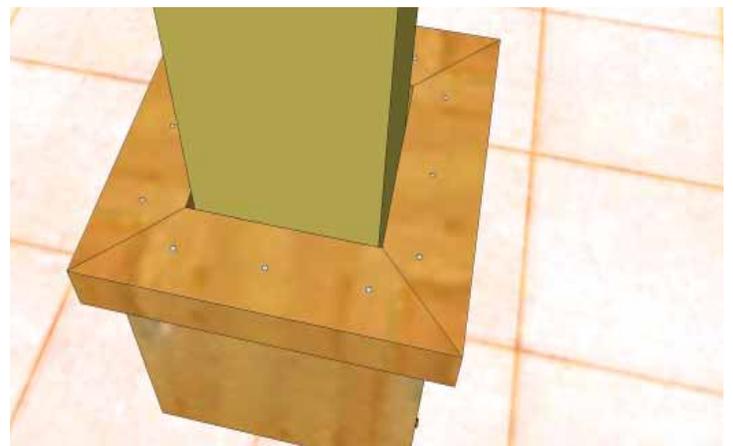
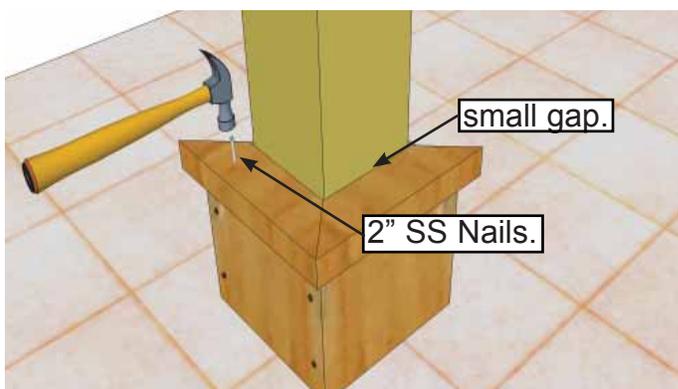
**23.** Complete remaining left and right sided corner bracket attachments.



**24.** Locate all Post Skirting pieces. Position 2 post skirtings around the base of post as shown above. Use 1 Post Skirting with Cleat - 1 1/2" x 9" x 10" (Part J) and a Post Skirting with Dado Cut - 1 1/2" x 9" x 10" (Part K) initially. Cleat piece should be aligned opposite post mount hardware and dado piece aligned with post mount bolts (hardware).



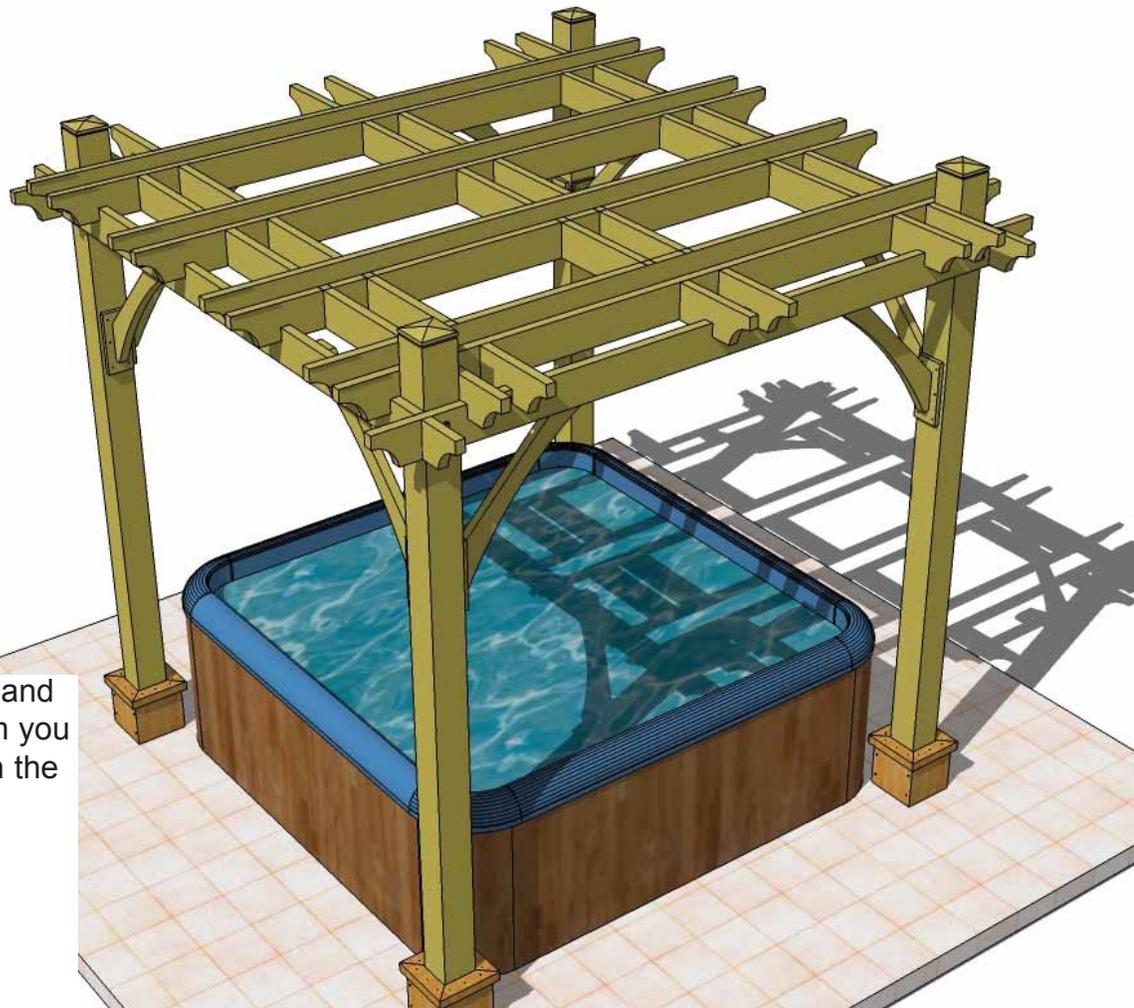
**25.** With your helpers assistance, screw Part J & K pieces together with 2 - 2" screws at pre-drilled locations. Make sure pieces are aligned on edges and top and bottom. Cleated skirting piece are pre-drilled. Complete remaining skirting pieces around the post. Position skirting unit evenly around post. Secure to post by screwing 1 - 2 1/2" screw into the center of each cleated skirting piece (J).



**26.** Position Post Skirting Caps - 1 1/2" x 2 1/2" x 10 5/8" (Part L) on top of skirting unit and against post. Do a dry run first to confirm fit. There will be a small gap between post and inside of cap. Attach caps down into skirting tops with 3 - 2" Stainless Steel Finishing Nails per piece. Complete remaining post skirtings.

## Congratulations on building your 8x8 Spa Breeze Pergola

**Note;** Our Pergolas are shipped as an unfinished product. If exposed to the elements, the western red cedar lumber will weather to a silvery-gray color. If you prefer to keep the cedar lumber looking closer to the original color, we suggest that you treat the wood with a good oil base wood stain. You may also wish to paint your new pergola rather than stain it. In both cases we recommend that you consult with a paint and stain dealer in your area.



We value your feedback and would like to hear back from you on how well we are doing in the following areas:

1. Customer Service
2. On Time Shipping
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