

Octagon Vinyl Gazebo



Assembly Manual

Vinyl Gazebo Assembly Manual

Thank you for your purchase of this Gazebo. This manual is designed to simplify the assembly process, however we recommend having an experience carpenter involved in the project. Please read through the entire manual before starting!

The Gazebo put together for this manual was a 12' Oct. This manual can also be used for other sizes. It took 2 men, approximately 8 hours using the tools shown. However, it may take you longer since it will be a new project for you.

Take a deep breath and get at it; the satisfaction and enjoyment of this Gazebo is only a few hours away. Have fun!

You have purchased a product that consists of heavy, bulky pieces. With your purchase, you assume full responsibility to have the necessary manpower and/or equipment available to unload the items. You also agree that any damage that happens to the equipment, product, or individuals during the unloading process, or during the entire construction process, is your responsibility, and neither the seller, nor the manufacturer, will be held liable for any such damage.

Tools Required for Job



(2) 6'
Step
Ladders



Cordless
Drill



25' Tape
Measure



Utility
Knife



Ratchet with
5/8" Socket



Hammer
Drill



Hammer
Tacker



Speed
Square

Parts List



2 1/2" Decking Screws



2 1/2" White screws



3" Screw



1 3/4" Concrete
Screws



2" Nails



3/8" x 6 1/4" Roof Bolt



10 D Nails



Mr Clean Pad



Concrete drill bit



Hurricane Plates



1" White Pan Head
Screws



2" Square Drive Bit



1 5/8" White
S. S. Screws



Railing Spacer Block



Ridge Tar Paper

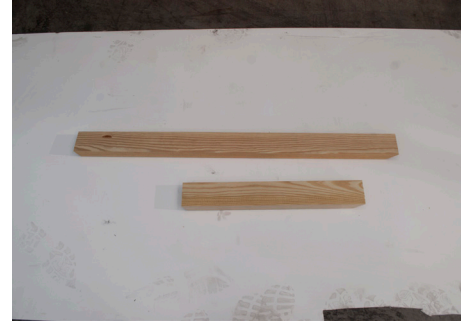
Parts List



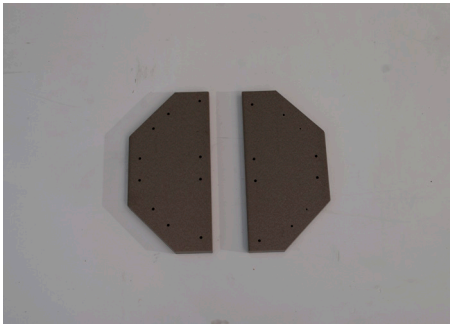
Double 2x4 Floor Joist



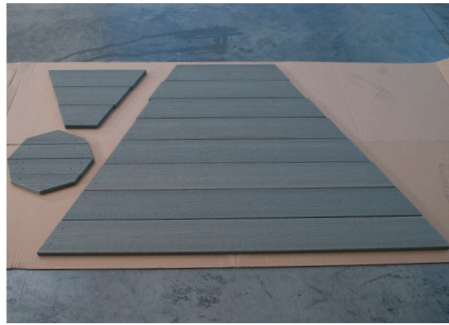
Floor Band Board



Diagonal Floor Joist



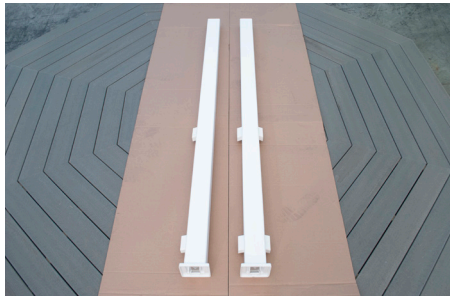
Floor Joist Connection Plate



Decking



Floor Trim



Posts



Brace Section



Hand Rail



Double 2x4 Rafter



Tongue & Groove Roof Boards



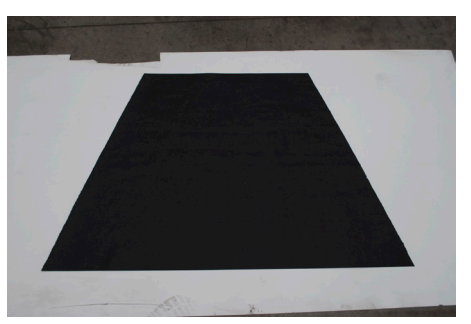
Roof Band Board



Rafter Connection



RoofTrim



Tar Paper

Floor Assembly



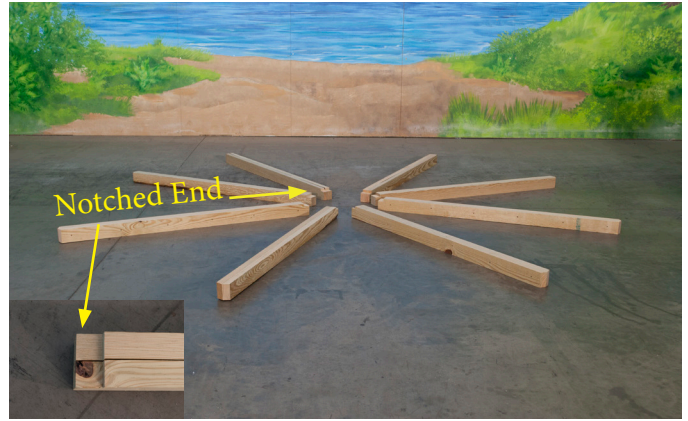
Set your Gazebo Package as close to the building site as possible.



Remove protective shrink wrap. Do not unwrap until you are ready to build. Keep dry and protected until you are ready to assemble the Gazebo.



Locate the Floor Joists.



Lay out the Floor Joists Ensure the notched ends are towards the Center and Facing Up.



Locate the 2x4 Band Boards. Place the Band Boards around the Perimeter of the 2x4 Joists.



Joists and Band Boards Placed.

Floor Assembly



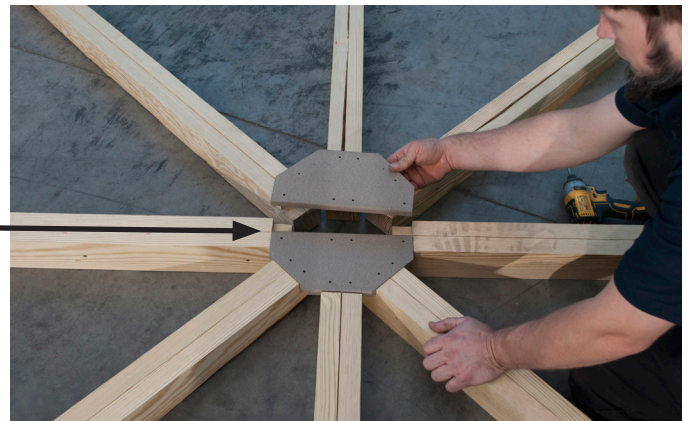
Align the short point of the 2x4 Band Board with the long point of the Joist and Fasten Band Board to Joist using (2) 3" Brown Screws through Pre-drilled Holes.



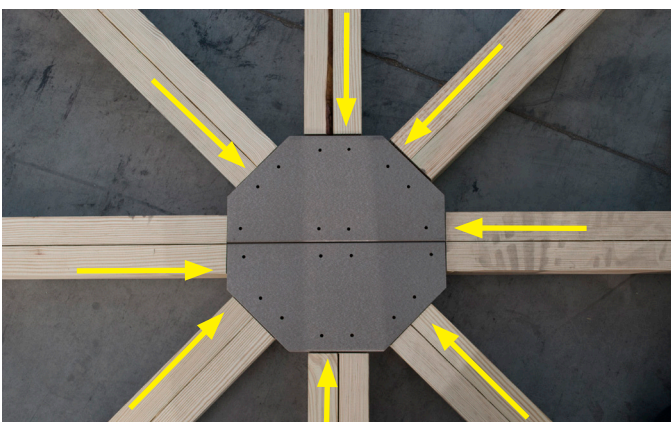
Align Long Point of adjacent 2x4 Band Board and attach to Joist using 3" Screws through pre-drilled holes.



Install remaining Band Boards using previous steps.



Locate the Connection Plates and place the Connection Plate into the notched Joists as shown.



Push each Joist against the Connection Plate and Center the Joists with the corners of the Connection plate.



The four holes in the center will not be used with this configuration.

Fasten Connection Plate to Joists using 3" Screws through predrilled holes.

Floor Assembly



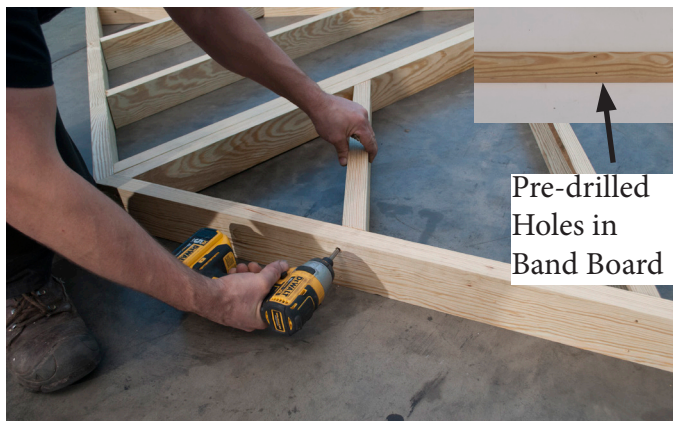
Locate the Diagonal Floor Joists.



Place the 45° angle against the Double Joist and the 22.5° against the Band board



Place All Single Joists into Place as shown.



Align the center of the 2x4 Single Joists with the pre-drilled Holes in the 2x4 Band Board. Fasten using (2) 3" Screws Through Pre-drilled holes.



Fasten the 45° angled end to the Double 2x4 Joist Using (2) 3" Screws.



Continue by attaching all remaining Single Joists.

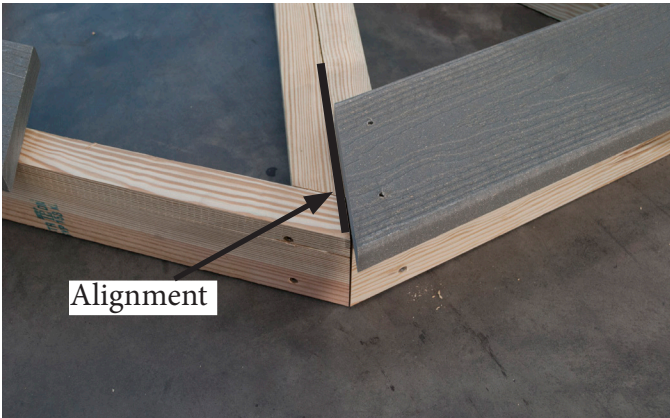
Floor Assembly



Locate the longest Floor Boards.



Place each of the long floor boards around the perimeter of the floor.



Align floor board at center of Double Joist.



Make Sure the overhang is consistent along the entire outside edge.

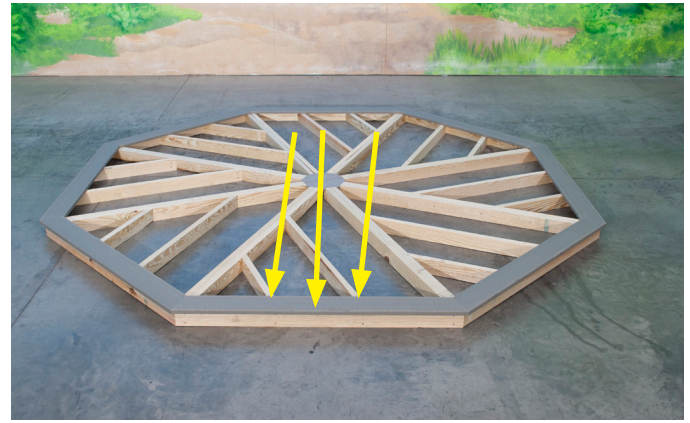


Fasten Floor Board to Joist using (4) 2 1/2" Decking Screws Through pre-drilled holes.

Floor Assembly



Continue around the outside of the floor and attach all remaining long floor boards.



Pre-drill one $\frac{3}{16}$ " hole directly above each Diagonal Floor Joist and (1) hole in the center into Band Board. Then fasten the using (1) $2\frac{1}{2}$ " Decking screw at each pre-drilled location.



Using previous steps pre-drill each deck board and attach to joists below.



Locate the second Round of floor Joists.



Lay out the second Complete round of Floor Boards before attaching any of them.

Floor Assembly



Ensure angled ends are Tight together. There will be a small gap between each row. Make sure you have the same gap all the way around.



Fasten Second Round of Deck Boards using previous steps.

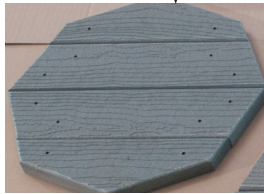


Continue to install the remaining deck boards.

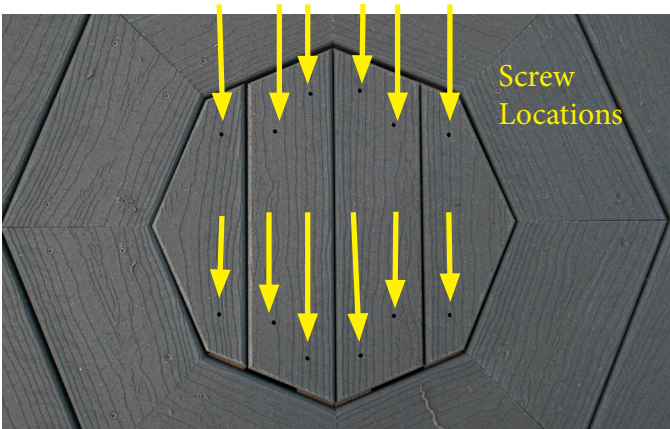
Floor Assembly



Locate the Center Deck Boards.



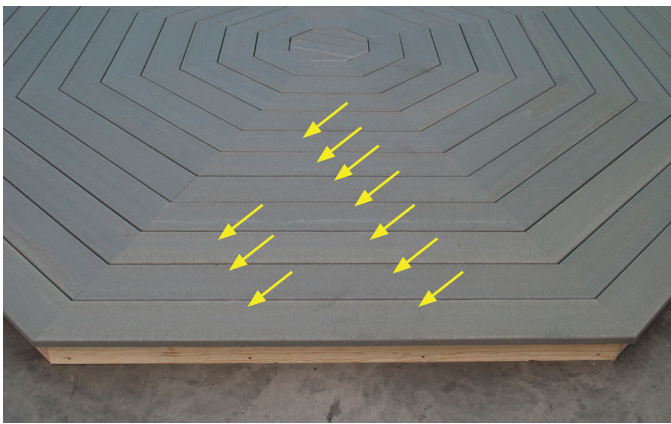
Place center deck boards as shown.



Space Deck Boards equally.



Fasten Center Deck Boards to Joist using 2 ½" deck Screws through all pre-drilled holes.

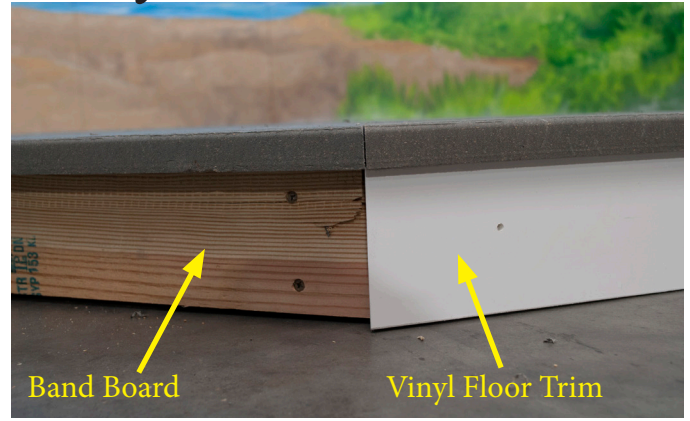


Using a 3/16" Drill Bit, drill through the decking into the single joist and fasten using 2 ½" Deck Screws.
(1) Screw in each Deck Board.

Floor Assembly



Locate the Vinyl Floor Trim



Place the Vinyl Floor Trim Under the Deck Boards and flush with the corner of the 2x4 Band Board.



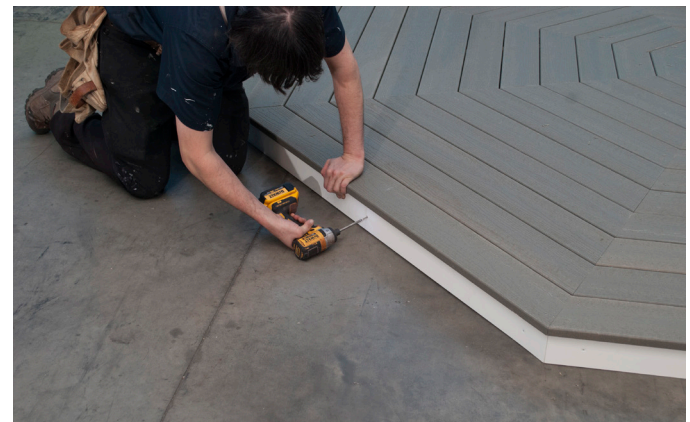
Fasten the Vinyl Floor Trim to the 2x4 Band Board using 1 5/8" White Screws through pre-drilled holes.



Fasten at (3) locations.



Align adjacent Vinyl Floor Trim and fasten using previous steps.



Install all remaining Vinyl Floor Trim.

Post and Rail Assembly



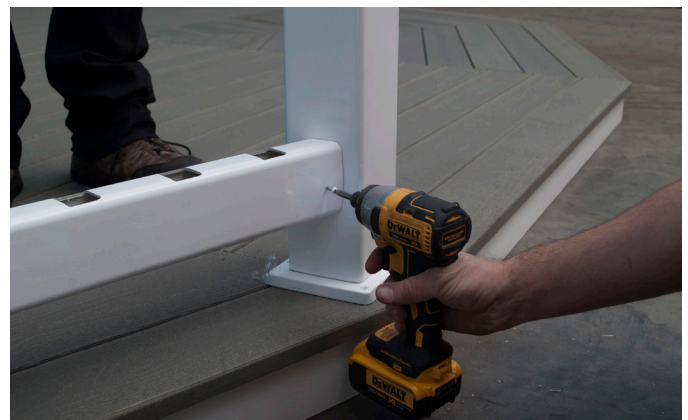
Locate the Door Post.
(Door Post has (2) Railing Inserts only)
(Ensure the long point is facing up and towards the inside of the gazebo)



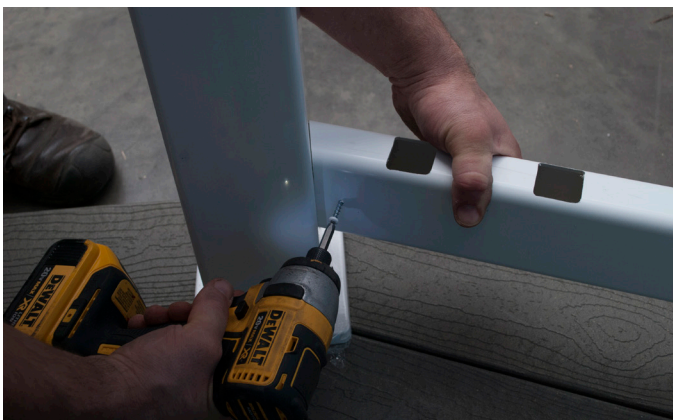
Locate the Bottom Rail Pieces



Slide Bottom Rail onto the Railing Insert, making sure the Spindle holes are facing up. Use the provided Spacer Block to hold the other end. (Note: make sure the Bottom Rail is tight against the Post.)



Fasten Bottom Rail to the Railing Insert on the outside using (1) 1" Pan Head Screw.



Fasten Bottom Rail to the Railing Insert on the inside using (1) 1" Pan Head Screw.



Locate the 1 1/2" Square Spindles

Post and Rail Assembly



Place the Spindles into the Bottom Rail.



Working your way across place the Spindles into the holes of the T Rail.



Fasten T Rail to Railing inserts on the inside and outside using 1" Pan Head Screws through predrilled holes.



Locate a Standard Post with Four Railing Inserts



Slide top and bottom Railing pieces onto Railing Inserts as Shown.

Post and Rail Assembly



Push Railing sections tight against post and attach using 1" Pan Head Screws through pre-drilled holes as shown.



Using Previous steps install all remaining Railing Sections.



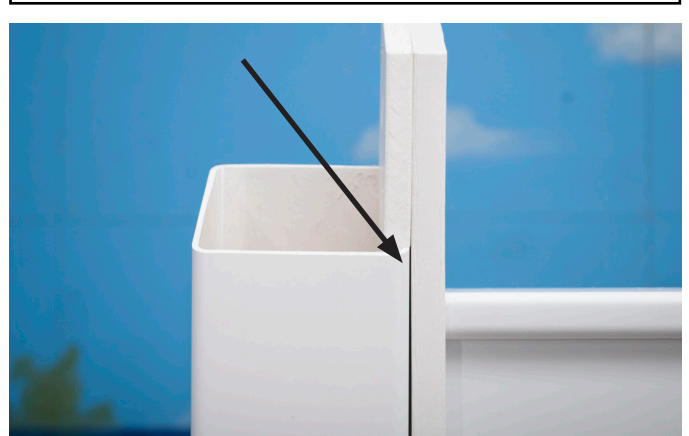
Railings installed.



Locate the Brace Sections.

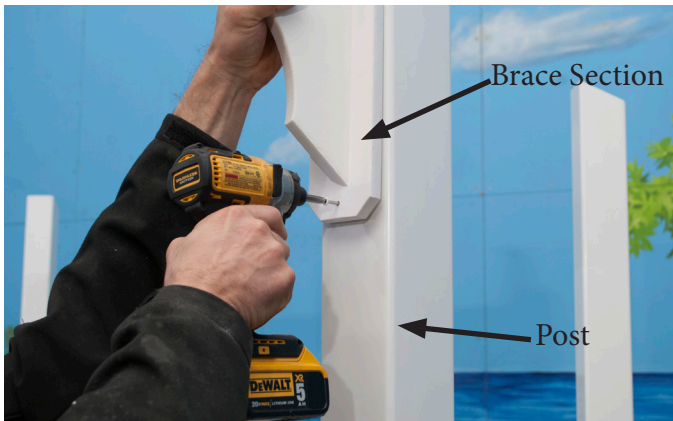


Place the Grooved Slot over vinyl sleeve.



Ensure Brace Section is tight against the the Post.

Post and Rail Assembly



Center Brace Section On Post and Fasten using 2 ½" White Screws Through all Pre-drilled Holes.



Using Previous steps install remaining Brace Sections.



Brace Sections installed.

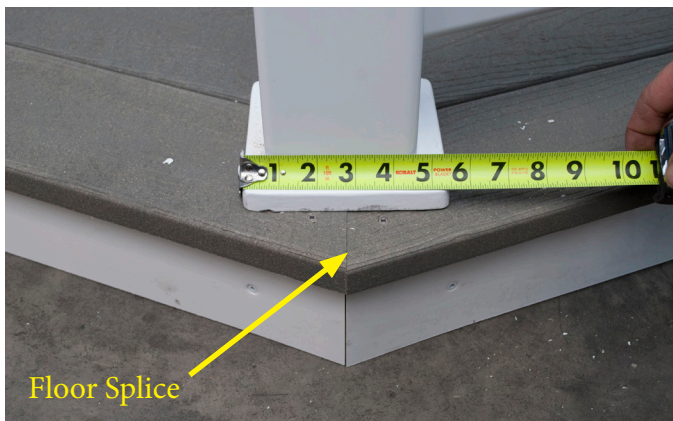


Measure the opening at the doorway



Now measure the bottom of the doorway and adjust to make the same dimension as the top.

Post and Rail Assembly



Center Post on floor splice.

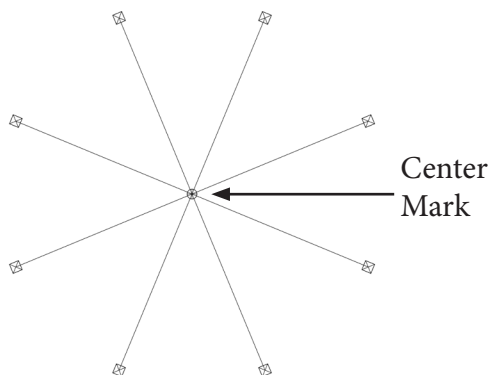


Space each post an equal distance from the edge of the Floor.



After all Posts and the Doorway are equally spaced and aligned, Fasten Posts to Floor at each corner using (4) 2 ½" White Screws.

If You did not purchase a floor with your gazebo, Follow the next 2 steps to fasten the post.



Make a mark at the Center of where you want the gazebo. Measure Equal distance from the Center Mark to each Post.

If Attaching to concrete, use 1 ¾" Concrete Screws. If attaching to Wood Deck, use 2 ½" White Screws.

Roof Assembly



Prepare Roof Bolts by putting (1) nut and (1) washer on one end of the Roof Bolts as shown. Do not tighten Nut.



Locate the Double 2x4 Rafters.



Place the Double 2x4 Rafter into the slot at the top of the Post and align the hole in the Rafter to the holes in the Brace Section.



Place the Roof Bolt through the predrilled holes in the Brace Section.

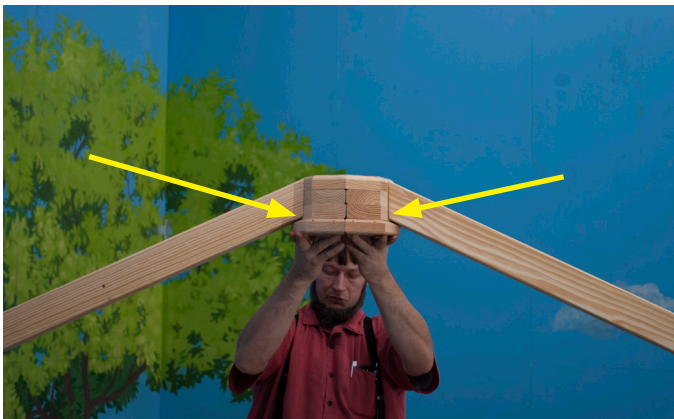


Put a washer and nut on the opposite end and hand tighten.



Using Previous steps install the Rafter directly opposite the previously installed Rafter.

Roof Assembly



Locate the Compression Ring.
Lift Compression Ring into place and pull rafters down against the lip.



Attach Rafters to Compression Ring from the bottom up using (2) 3" Screws per Rafter.



Using Previous steps install another Rafter as Shown.



Continue to install the next Rafter opposite the third Rafter.



Continue to install all remaining Rafters using previous steps.



Ensure all Rafters are fastened to the Compression Ring.

Roof Assembly



Locate the Roof Band Board.



Place edge of Roof Band Board in center of the Rafter.



Fasten the Roof Band Board to the Rafter using (2) 3" Screws through pre-drilled holes.



If the Roof Band Board is Short on the opposite side push up on the 2x4 Double Rafter as shown on next step.



Push up on the Double Rafters in the center until the Roof Band Board is center of the Rafter and Fasten using (2) 3" Screws through pre-drilled holes.



Roof Band Board aligned and attached.

Roof Assembly



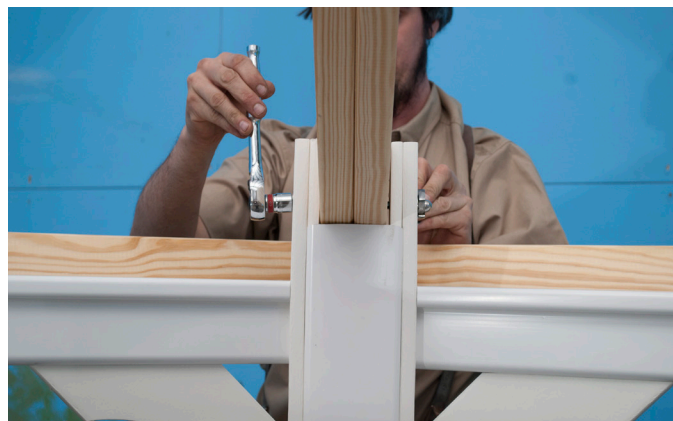
Lift next Roof Band Board into place.



Align the end with the previously installed Roof Band Board and attach with 3" screws.



Continue by attaching all remaining Roof Band Boards to Rafters.



Tighten Roof Bolts at all Post locations, using a $\frac{5}{8}$ " socket and wrench.

Roof Sheeting



Locate the 1x6 T&G Boards, Start with the longest one.



Center 1x6 T&G Board at Rafter Splice, align Flush with Band Board.



Fasten 1x6 T&G Boards to Rafters at each end using (2) 2" Nails per End.



Align the 1x6 T&G Board to the Band Board and Fasten in the center Using (1) 2" Nail.



Locate the second to largest 1x6 T&G Board and place the Tongue into the groove and fasten at each end using (2) 2" Nails per end.



Using Previous steps work your way towards the peak of the roof.

Roof Sheeting



Using previous steps install all remaining 1x6 T&G Boards in each section.



All T&G Boards Installed.



Locate the Hurricane Plates and bend slightly in the center.



Place the Hurricane Plate on top of the 1x6 T&G Boards.



Center the Hurricane Plate between the two roof panels and fasten the plate to the rafters and the Band Board below using (12) 10 D Nails.

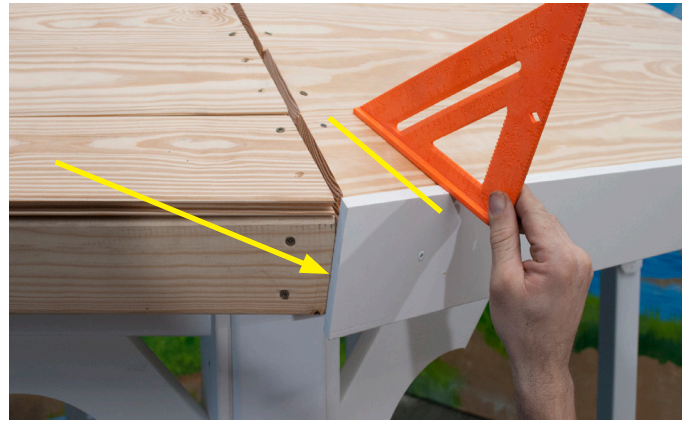


Hurricane Plate Installed.
Install all remaining Hurricane Plates.

Roof Facia



Locate the Vinyl Fascia Board.



Align the top of the Facia Board with the top of the 1x6 T&G Boards and flush with the 2x4 Band Board at each end.



Fasten Vinyl Facia to 2x4 Band Board at each end using (1) 1 5/8" White Head Screws through pre-drilled holes.



Fasten Vinyl Facia to 2x4 Band Board in the center using (1) 1 5/8" White Screw.



Align adjacent Vinyl Face Board and attach to 2x4 Band Board using previous steps.



Install all remaining Vinyl Facia using previous steps.

Tar Paper



Locate the pre-cut Tar Paper.



Start by placing the Large piece at the bottom as shown.



Fasten Tar Paper to T&G Boards using a Hammer Tacker.



Place the Small Precut Tar Paper on top of the large tar paper and overlap the tar paper by 2 inches. Fasten Tar Paper using previous steps.



Install all remaining Tar Paper on roof.

Tar Paper



Locate the Ridge Tar Paper.



Center the Ridge Tar Paper and Fasten at the bottom using a Hammer Tacker.



Roll Tar Paper up the Ridge and Fasten Tar Paper to Ridge approximately every 6 inches.



Using Previous steps install remaining Ridge Tar Paper.



Tar Paper installed.

Shingles not Included

Congratulations!

Enjoy your New Gazebo



YardCraft
by Lapp Structures
rediscover life outdoors

YardCraft.com

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