



# **Quality Built Pergolas**

## **Installation Instructions**

### **The Genuine Patio Pergola**

## **Step-by-Step “Easy assembly” Instructions**

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# **Introduction**

**Thank you for purchasing your new Patio Pergola from Quality Built Pergolas ([www.qualitybuiltpergolas.com](http://www.qualitybuiltpergolas.com))**

**Please follow our complete step-by-step instructions to ensure a proper installation of your new pergola. We are confident that you will be satisfied with your new Quality Built Pergola and pleased with such a beautiful addition to your backyard it will provide.**

**Congratulations and enjoy your new backyard!**

**\*\*Please read & follow the instructions provided\*\***

# Tools Needed



Cordless Drill w/Phillips Bit



3/8" & 1/2" Masonry & 1/2" Wood Bits

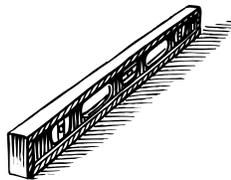


Pencil



Hammer

OR



Level



6' - 8'  
Step Ladder



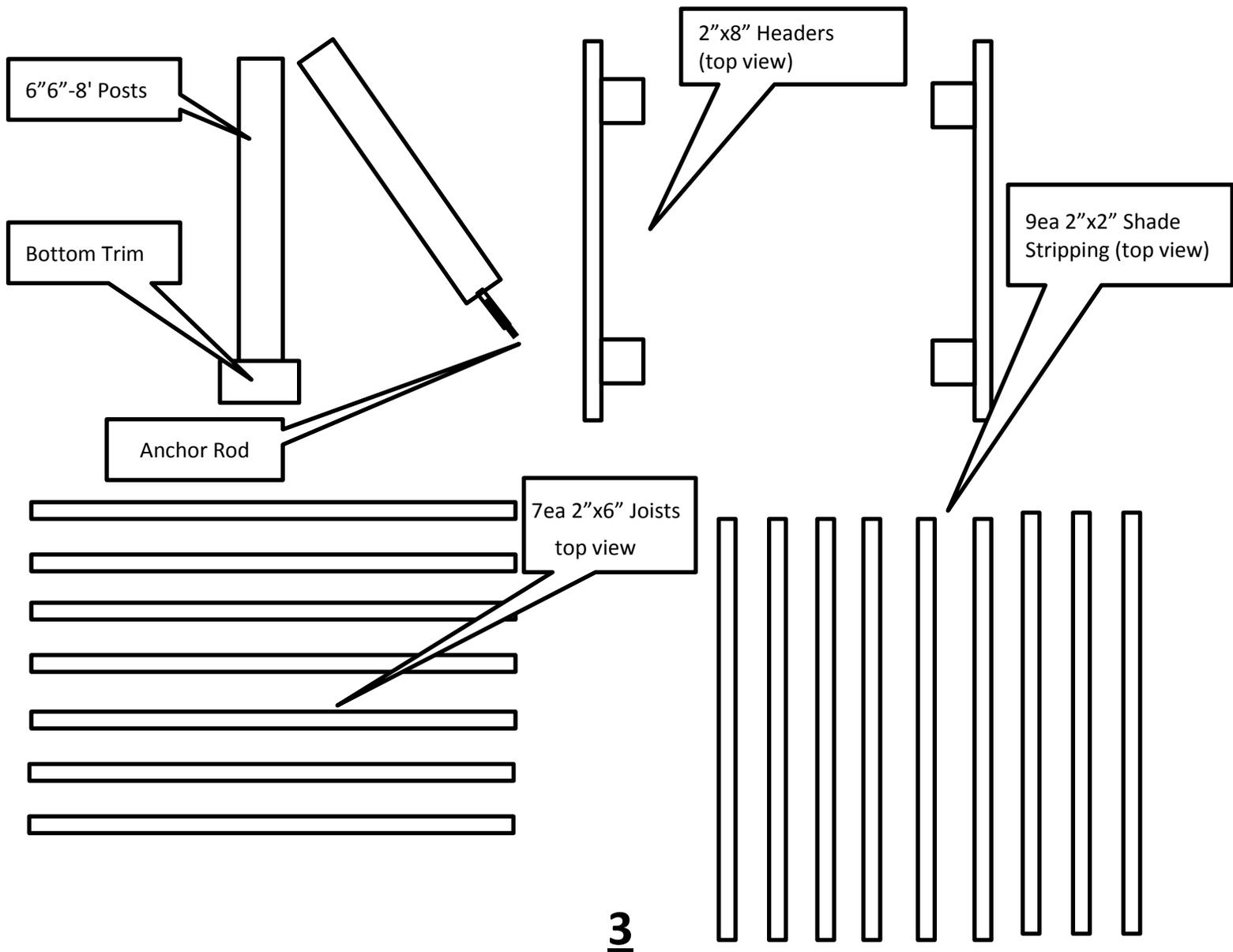
Square

1. Corded or Cordless Drill
2. 3/8" & 1/2" Masonry drill bits if on concrete surface Plus 1/2" Wood bit
3. Pencil or marker for post placement marking and Header/Joist layout
4. Hammer and or sledge hammer to pound down posts
5. Level to plumb posts and leveling Headers
6. Square to mark post placement on surface and use throughout to ensure proper square as the various components are assembled
7. 6'-8' Step Ladder

# Components

## Standard Components:

- ✓ 6"x6"-8' Posts
- ✓ 2"x8"- Headers
- ✓ 2"x6"- Joists 24" spacing
- ✓ 2"x2"- Shade Stripping 8" spacing
- ✓ 2"x6" Base Trim – 4 Bottom Trim sets (Top Trim is 3-sided)
- ✓ 6" Hardened Black Exterior Heavy Duty Screws with T-25 Bit
- ✓ 5LB Box 3" Exterior Screws with Bit included
- ✓ 1/2" Anchoring Rods + "L" Brackets with cement anchors



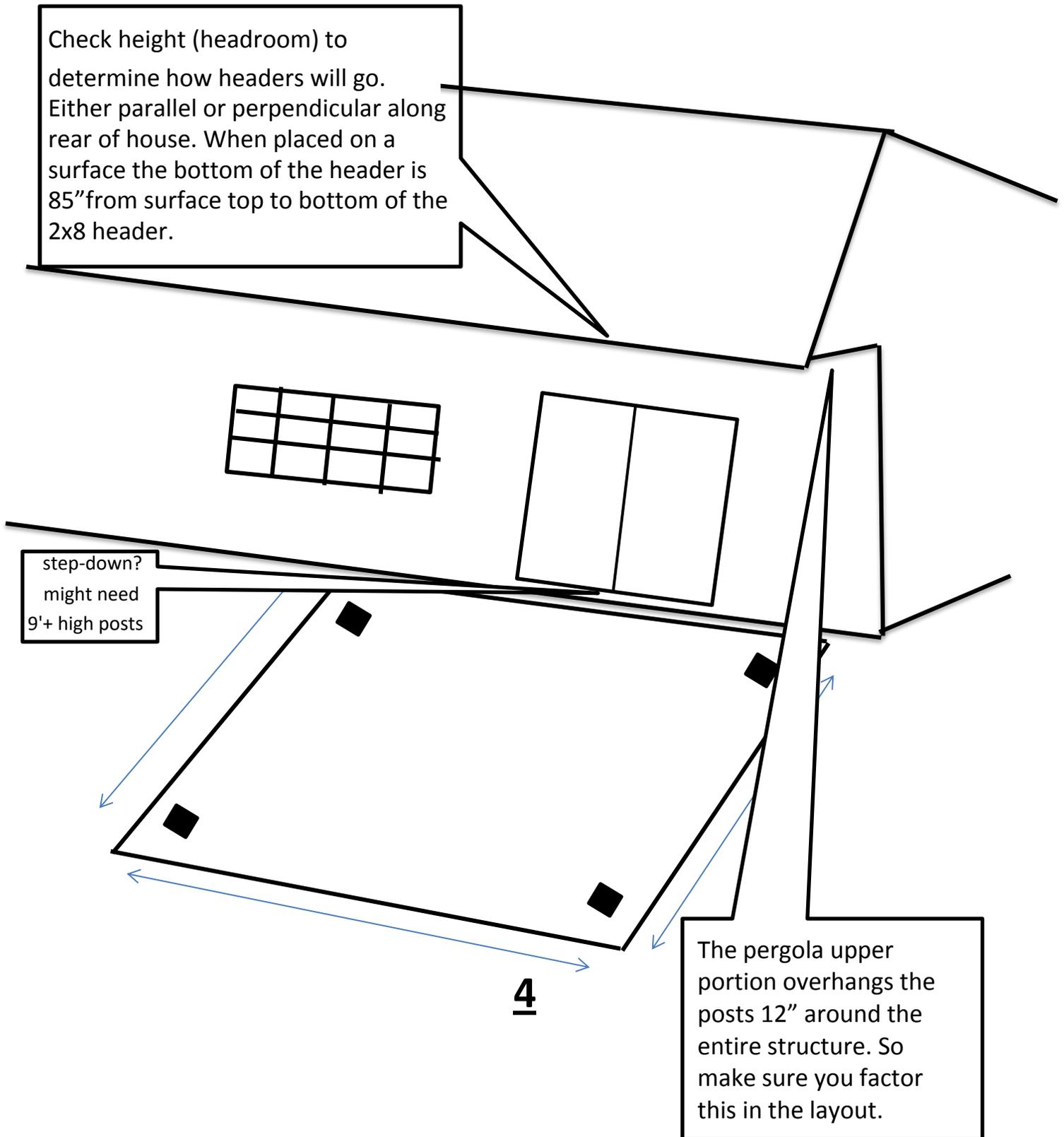
# Pergola Placement Layout

Check height (headroom) to determine how headers will go. Either parallel or perpendicular along rear of house. When placed on a surface the bottom of the header is 85" from surface top to bottom of the 2x8 header.

step-down?  
might need  
9'+ high posts

4

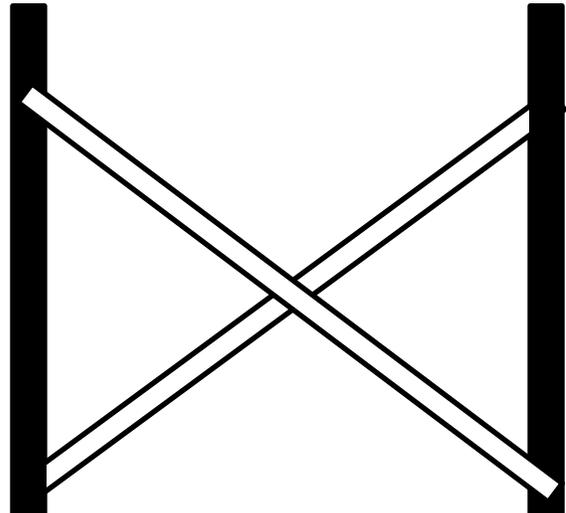
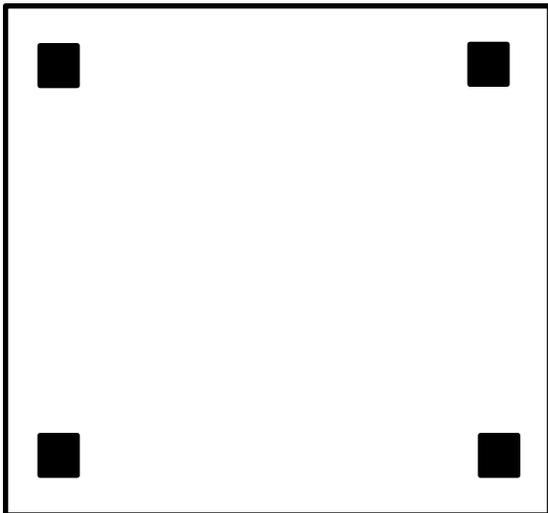
The pergola upper portion overhangs the posts 12" around the entire structure. So make sure you factor this in the layout.



# Posts Layout

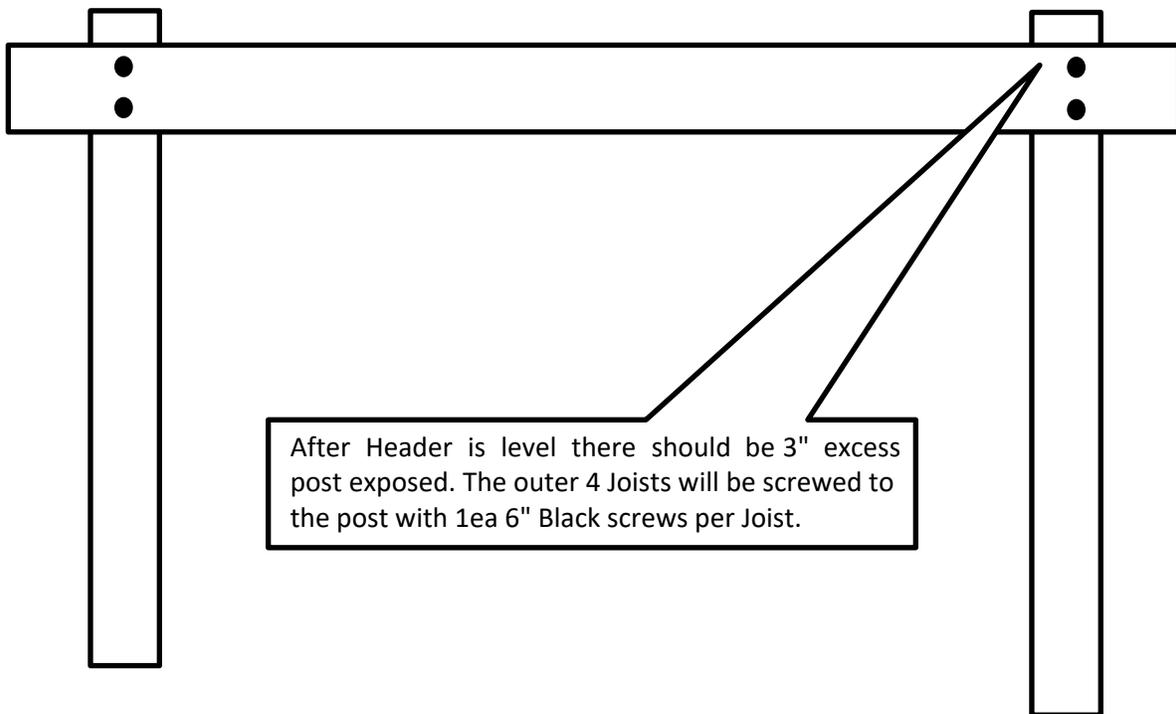
1. Mark posts placement on concrete patio, wood deck, paver area, or on-ground atop footings (in Lawn). On surfaces, drill 1/2" diameter X 4" to 6" deep hole for rods to be placed into. Make sure holes measure 9'-6" width and length each direction to allow the posts to be set at 9'-6" outside-to-outside. After adding the 12' full lengths of polycarbonate panels this will create a 12'x12' pergola factoring in a 12" overhang on all sides of the pergola. The Roof panels overhangs are 3" all around which helps protect the wood canopy as well.
2. Drill 1/2" holes for anchor rods into posts centers 4"-6" deep into each.
3. Set posts in place aligning rods to holes. May have to tap down post from atop a ladder to ensure posts set on surface. (Do not over hammer down posts as to not damage concrete surface or posts)
4. Using the 2"x2" shade stripping, temporarily screw 8ea to the posts for plumb/level purposes. 2ea side – see illustration below.

Note: 1ea 2x2 for bracing should be on each side of posts



# Header Installation

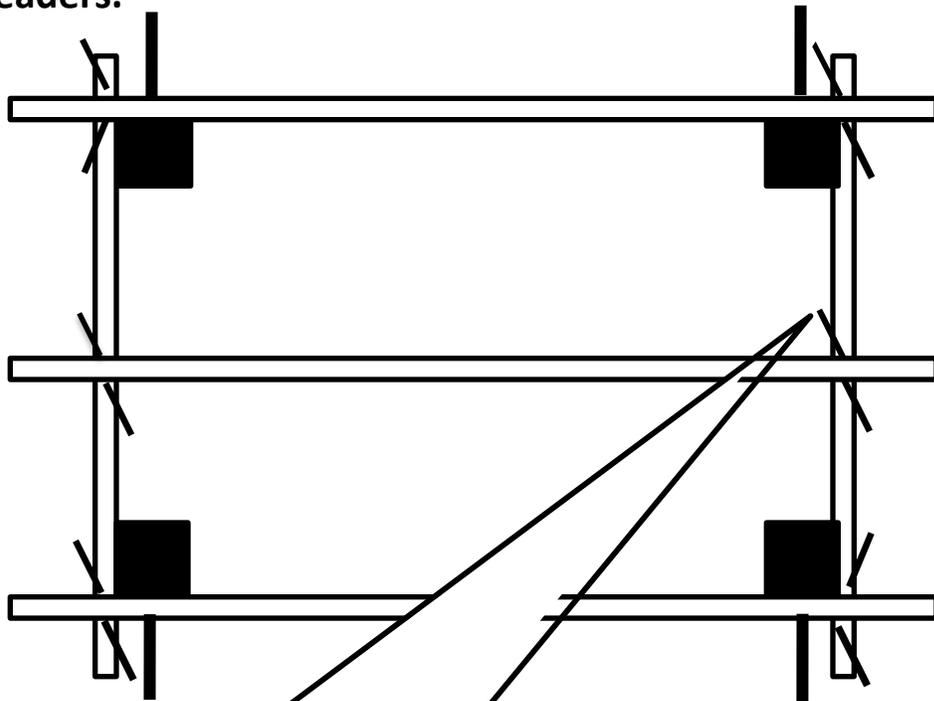
1. The two 2x8 Headers need to be marked (on top) for the 5ea inner 2x6 joists placement at 24" spacing. Set outer 4 Joists first by screwing the Joists into posts that stick up 3" up over the Headers and making sure that there is a 12" overhang past the outside of the 6x6 posts. In most cases there is a fall out toward the yard on the concrete pad. If the headers are affixed 3" down from the top of the posts there should be a natural slope for water run off. Note: make sure that the panels run perpendicular to the 2" X 2" Shade Stripping that they will be screwed to
2. There should be a quantity of 8ea Black 6" screws for the two headers.



# Joist Placement Layout

1. Three 2x6 Joists need to be marked on top for 2x2 shade stripping set at 16" on-center. Place one in the middle and the other 2 on each outer sides of the posts.
2. The joists should be fastened with the 3-1/2" screws provided. 4 screws per joist toe nailed into the headers. See Illustration below.
3. Make sure joists have same overhang on both sides of outer Headers.

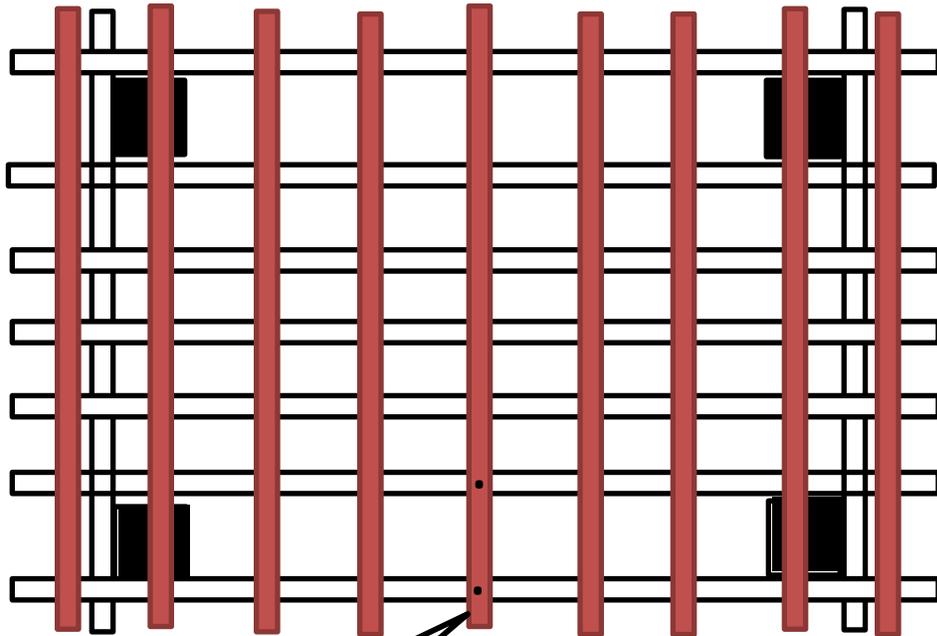
TOP VIEW



Place screws according to drawing above to maximize strength. Set first 3 Joists marked on top for the 2x2 shade stripping first. Make sure Joists are level as well.

# Shade Stripping Installation

1. Start in Center atop Joists and work toward each outside screwing through each 2x2 into each joist from top down.
2. Install the 2x2's still tied to the posts for bracing last.
3. Make sure when screwing down 2x2's to straighten joists as you proceed. Example: have someone sight the joists from 10' beyond the structure ensuring that they are straight before they are fastened permanently to the 2x2's.



Start at center and work outward on each side of the center 2x2 installed. Make sure overhangs match also. Screw downward into each Joist.

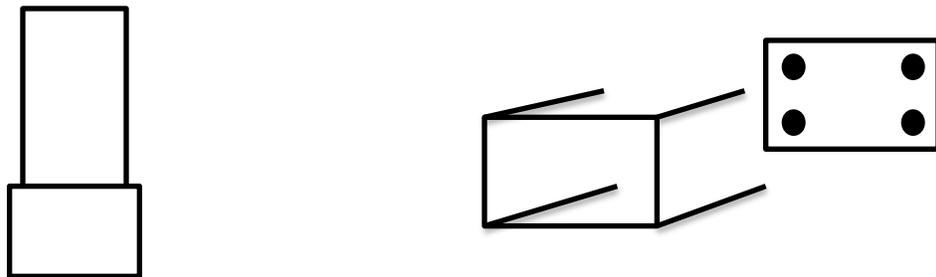
**NOTE:**

All Headers and Joists need to be pre-marked on top for 24" & 16" spacing placement. Making it easier to assemble.

# Base & Top Trim Installation & Maintenance and care

1. Using screws provided, attach base trim to the bottom of each post. Make sure the trim sets up a 1/4" to 1/2" from the surface and that you level the trim on all sides. A simple pencil mark on all sides of 6x6's to mark the trim will work. See illustration below. Additionally, The Top trim is 3-sided to fit next to top of Headers. DO NOT CAULK

Note: recess screw heads flush to wood surface



1. If you decide to paint or Stain you can apply to any scratches or marks made during installation. Save your paint or stain to match when you apply additional coats in the future.
2. If you do decide to paint or stain it is recommended to re-coat your pergola every 2-3 years or sooner to ensure it will last you a lifetime. An exterior quality paint or stain is recommended. Semi-transparent stains do not last as long or protect against the sun's strong UV Rays. All wood splits and cracks somewhat over time so when noticing this, simply use exterior wood filler that you can stain or paint over if need be. HOWEVER, most people leave it natural

# Quality Built Pergolas Do-it Yourself Kits

12' x 12' Genuine Patio Pergolas  
Consumer Voted #1 easiest to assemble

