



Sonoma 16 Pergola

Manual and Installation Instructions



Please read these instructions before removing parts from crate

Introduction

Thank you for your purchase from The Outdoor GreatRoom Company. This pergola has been engineered and manufactured in the USA. The purpose of this manual is to make the installation and assembly simpler. Outdoor GreatRoom company recommends visiting with your local authority for building codes, restrictions, or requirements for this product. Please read the manual through before starting the project.

This pergola is made of premium grade kiln dried Douglas Fir. Douglas Fir, if maintained properly, will last a very long time, similar to life of both Cedar and Redwood. All finished pieces have been dipped in stain to ensure penetration. It is recommended that the pergola receive a clear, oil based stain yearly to maintain the color, minimize warping and prevent rotting. Every few years a colored oil based stain should be used to keep the original color.

Important:

- **Anchoring Required—Contact your local authority for details**
- **Read instructions prior to assembly**
- **Assistance is required and we recommend at least 2 people for installation**
- **Do not let wood pergolas touch bare ground. Over time this can cause moisture damage and rotting of wood.**
- **If you have questions contact the place of purchase**

Douglas Fir Lumber may have surface splits. This occurs while the lumber dries and seasons. This characteristic is also known as “checking” in the lumber industry. These can be upwards of 1/8” running inches to feet in length. These characteristics do not deter the structural strength and integrity of the product nor does it affect or void the warranty.

Before Beginning, make sure that all components listed on the next page were included with your hardware kit. Contact your dealer if any parts are missing.

Tools Required

- Corded or Cordless Drill
- Measuring Tape
- Level
- Metric Socket Set
- Rubber Mallet
- Step Ladder
- Hammer Drill*
- Concrete Drill Bit*
- Concrete Anchors*




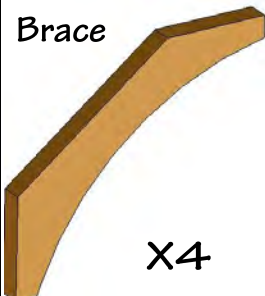

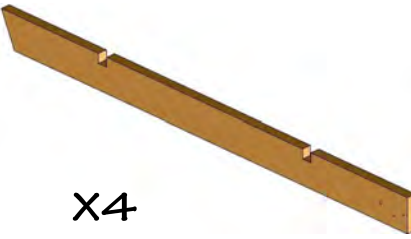
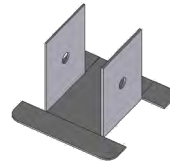

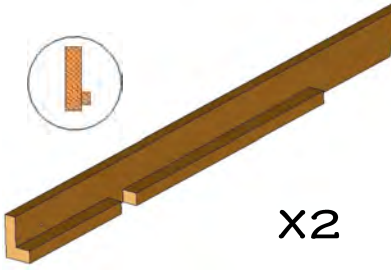
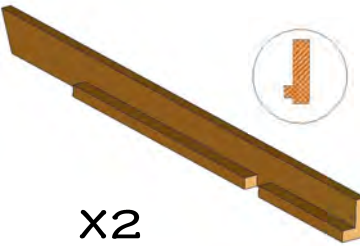
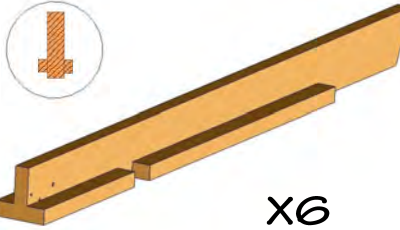



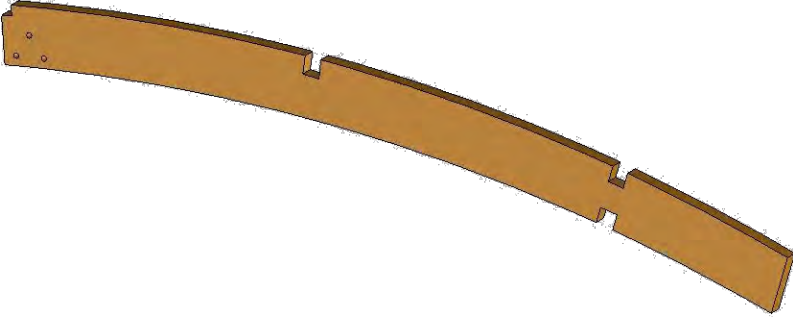
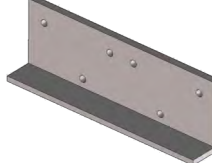



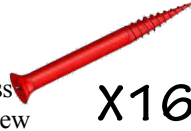

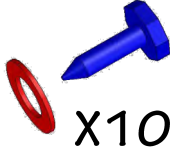
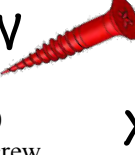

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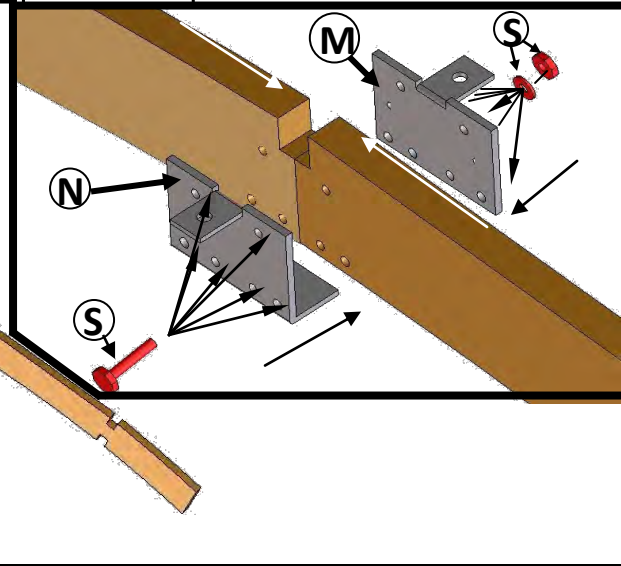
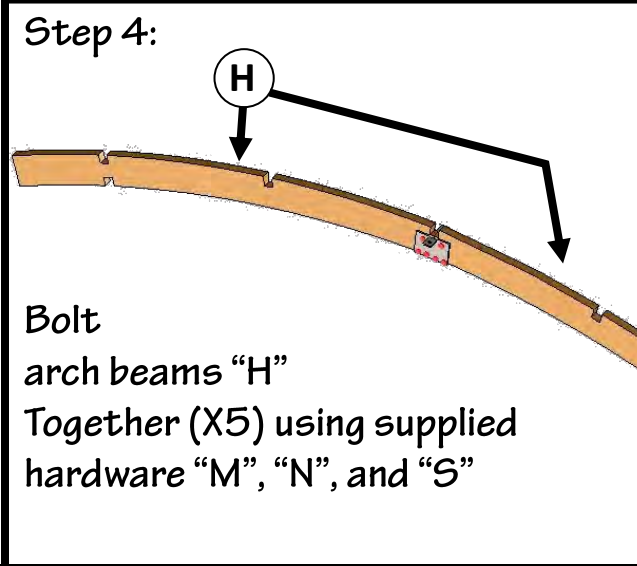
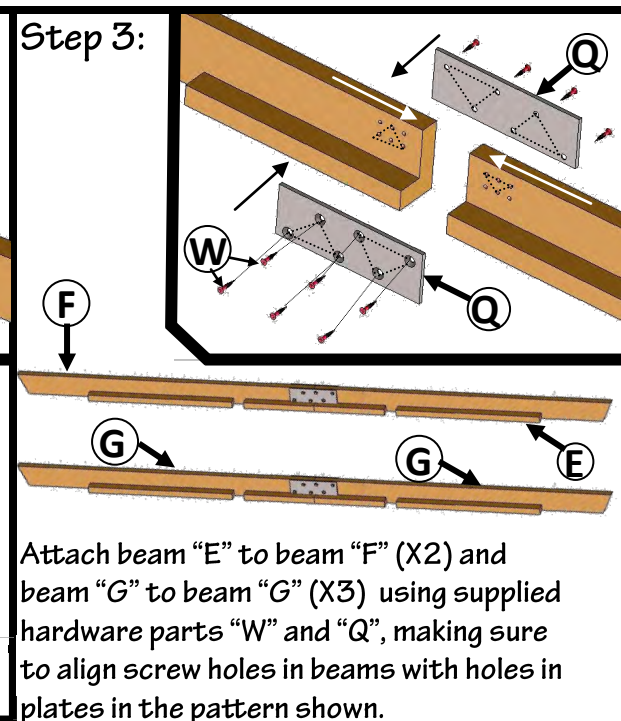
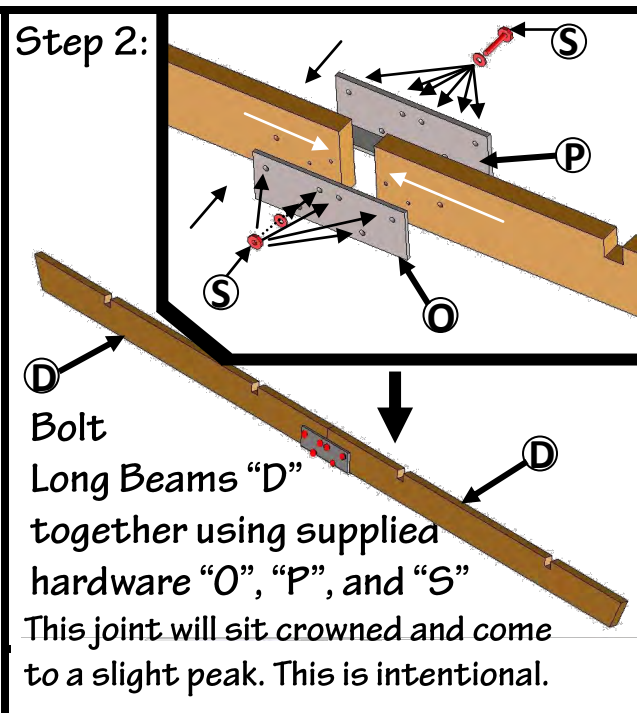
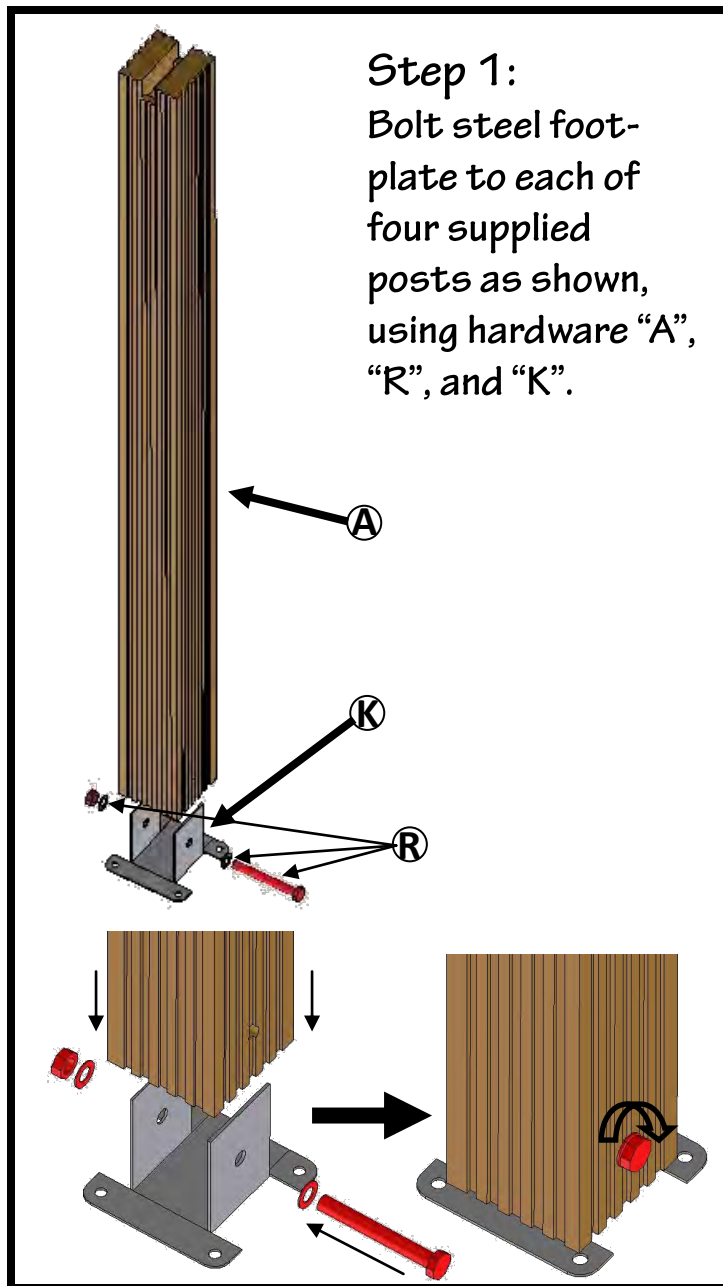
Extreme weather including heat, cold, rain, snow and high humidity affect all wood products. Taking proper care of your pergola is essential to ensure long-lasting performance and beauty.

*Only Required for anchoring to concrete surfaces.

Disclaimer—The Outdoor GreatRoom Company is not liable for damage caused by weather or misuse

Assembly Instructions for Sonoma 16 Arched Top Pergola

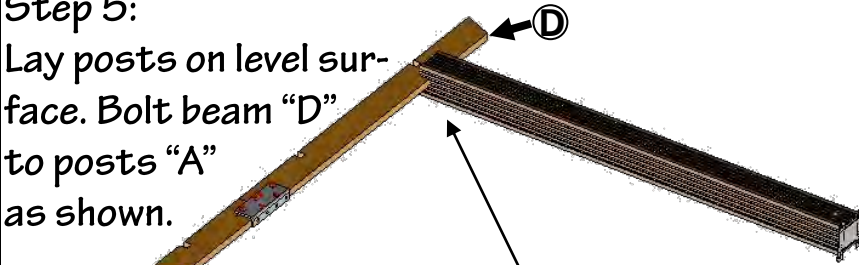
<div><div>A</div><div>Post</div><div>X4</div><div></div></div>	<div><div>B</div><div>Tall Corbel Post Brace</div><div>X4</div><div></div></div>	<div><div>C</div><div>Short Corbel Post Brace</div><div>X4</div><div></div></div>	<div><div>D</div><div>Header Beam</div><div>X4</div><div></div></div>	<div><div>K</div><div>X4</div><div></div></div>	<div><div>L</div><div>X4</div><div></div></div>
<div><div>E</div><div>Canopy Beam, Right L</div><div>X2</div><div></div></div>	<div><div>F</div><div>Canopy Beam, Wrong L</div><div>X2</div><div></div></div>	<div><div>G</div><div>Canopy Beam, T</div><div>X6</div><div></div></div>	<div><div>M</div><div>X5</div><div></div></div>	<div><div>N</div><div>X5</div><div></div></div>	<div><div>O</div><div>X2</div><div></div></div>
<div><div>H</div><div>Arch Beam</div><div>X10</div><div></div></div>			<div><div>P</div><div>X2</div><div></div></div>	<div><div>Q</div><div>X10</div><div></div></div>	<div><div>R</div><div>Size: M10-1.5x160HH</div><div>X8</div><div></div></div>
			<div><div>S</div><div>Size: .4x2.17"</div><div>X42</div><div></div></div>	<div><div>T</div><div>Size: 3.5" Brass wood screw</div><div>X16</div><div></div></div>	
			<div><div>U</div><div>Size: 3" Brass wood screw</div><div>X16</div><div></div></div>	<div><div>V</div><div>Size: .3"x2" lag screw</div><div>X10</div><div></div></div>	
			<div><div>W</div><div>Size: M4X30 wood screw</div><div>X72</div><div></div></div>	<div><div>X</div><div>Size: 3" wood screw</div><div>X30</div><div></div></div>	



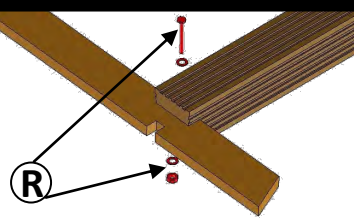
NOTE: In the remaining steps, a rubber mallet may be useful in fitting beams together properly.

Step 5:

Lay posts on level surface. Bolt beam "D" to posts "A" as shown.

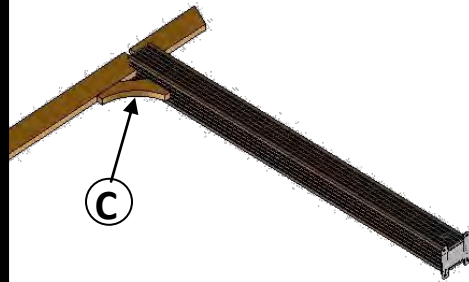


Hardware "R" is used.
Repeat step 5 for remaining posts.

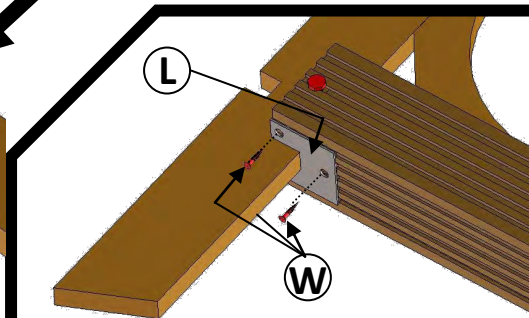
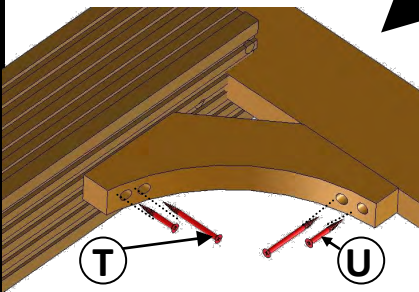


Step 6:

Attach corners "C" with hardware screws "T" and "U"



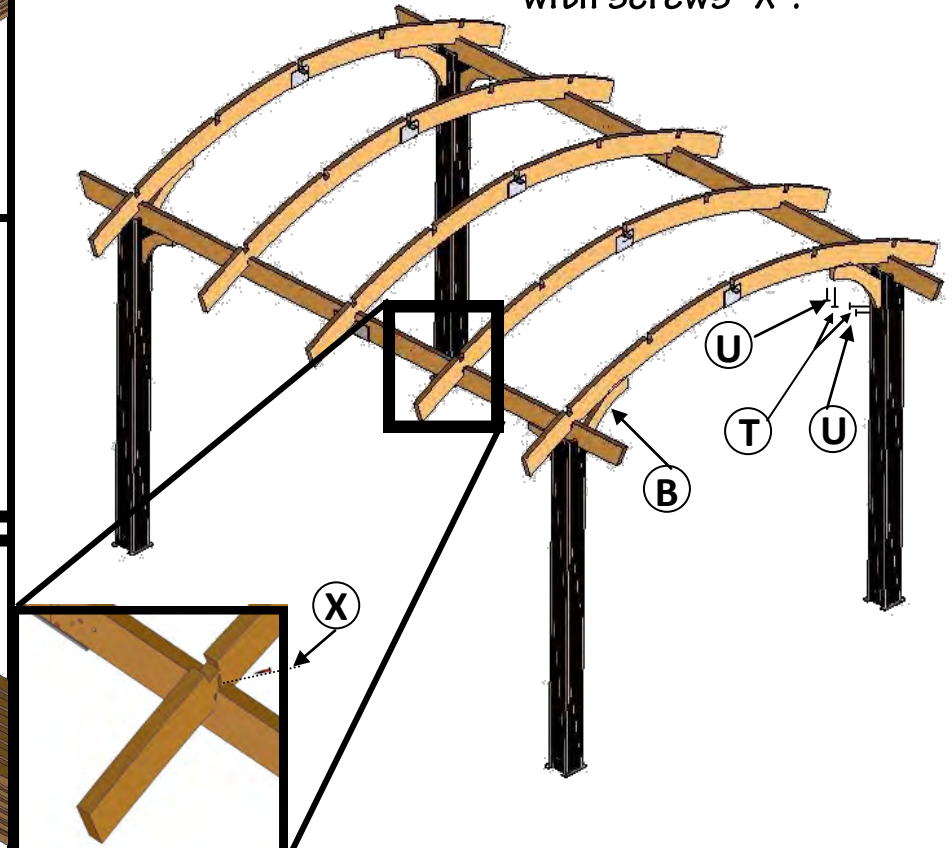
Attach decorative brackets "L" as shown with



Step 7:

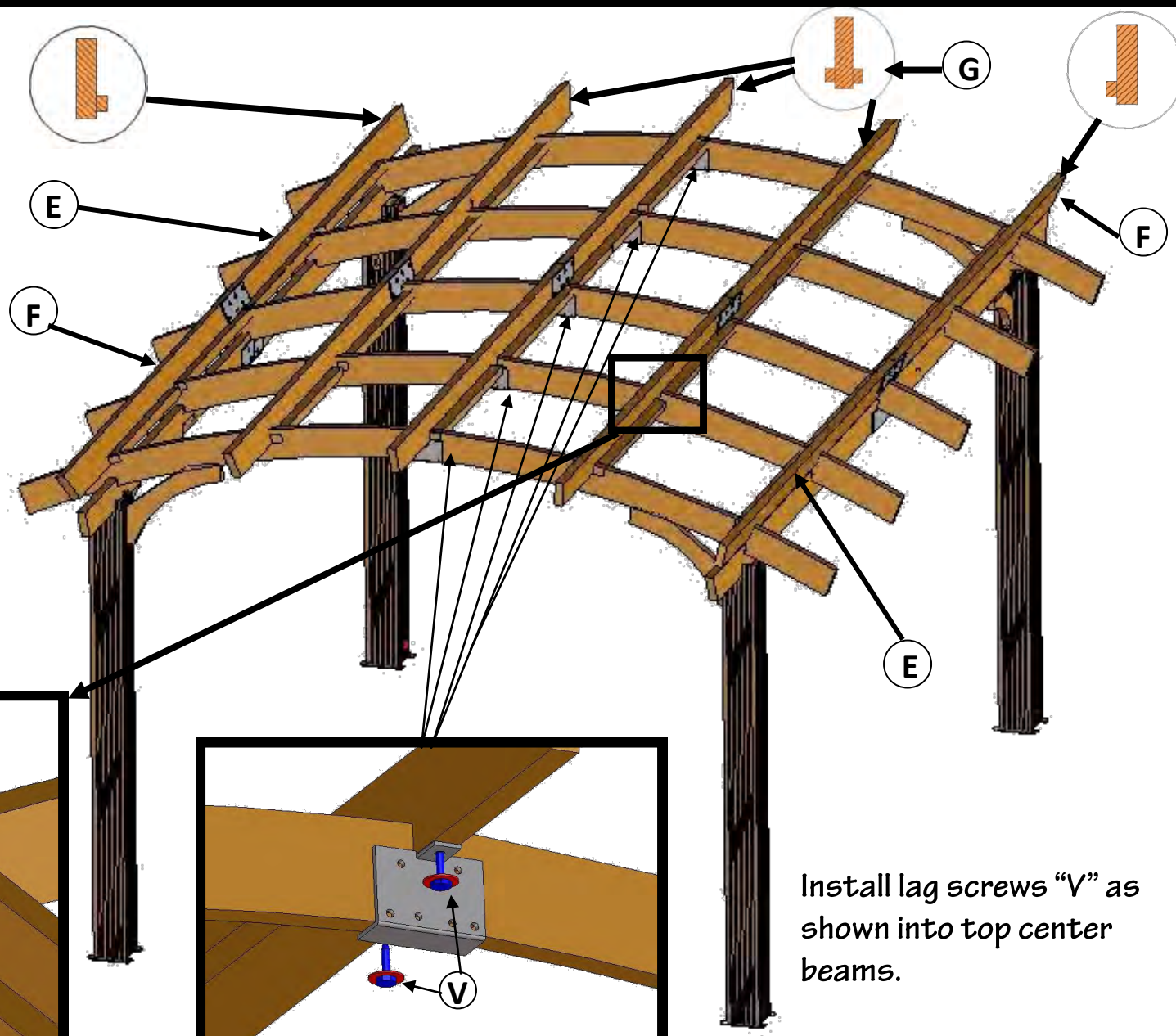
Once header beams are installed and bolts are tightened, end arched beam sections can be installed between them and secured in place with hardware screws "X"

After end arched beams are installed, Tall Corbel Post Braces "B" can be attached as shown with hardware screws "U" and "T" followed by the remaining arch beams with screws "X".



Step 8:
Carefully position
posts in final location.
Check for squareness.
Install outer arch as-
semblies. The use of a
level or similar tool is
highly suggested.

Install Screws "X" (X20)
in crossbeams to fasten
to arches as shown.



Install lag screws "V" as
shown into top center
beams.

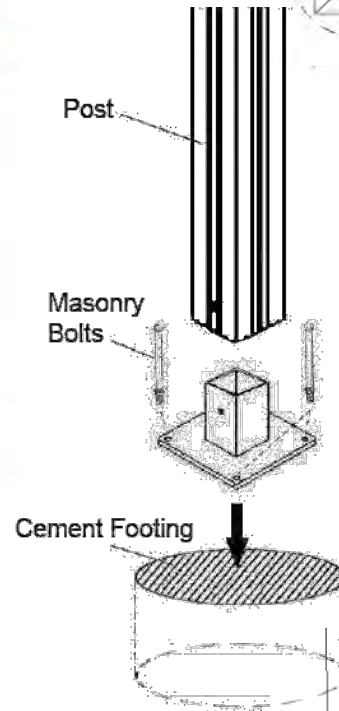
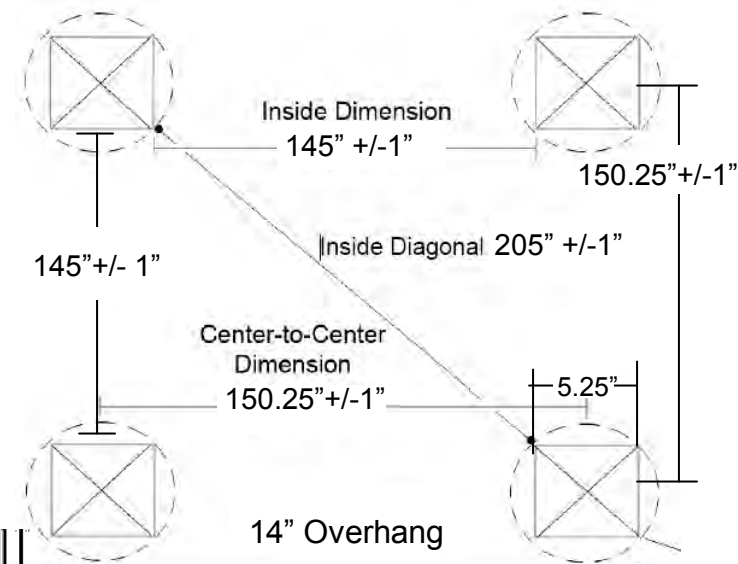
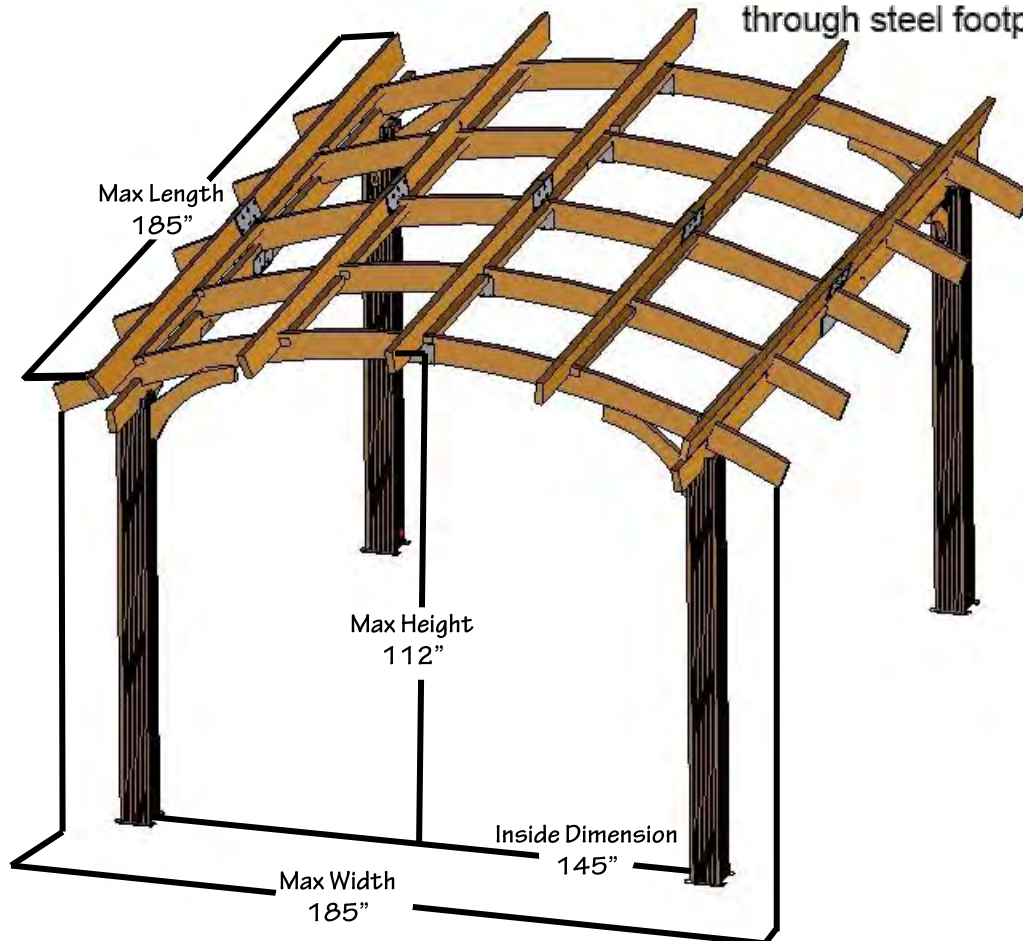
Dimensional and Post Location Information

NOTE 1:

Recommended 12-18" DIA footing (12" minimum). Check local codes for depth minimums. Footing typically 24" minimum depth, 42" for extreme cold climates.

NOTE 2:

Do not do final tightening of all bolts until unit is fully assembled, level and square. After Pergola is **IN POSITION, SQUARED UP, & LEVELED**, anchor posts with masonry bolts through steel footplates.



(Suggested for installation on lawns. For other surfaces, appropriate mounting methods should be used.)

For proper squaring, assure that arch is supported and thoroughly tightened at center during final assembly and anchoring process to prevent sagging due to gravity.

Depth of Masonry Footing Varies by Local Code & Conditions



Sonoma Pergola Warranty Information

Your new Sonoma 16 pergola is warranted against structural defects for a period of three (3) years from the date of purchase. This does not apply to damage caused by excessive loads such as snow or use of roof as storage. Your Sonoma pergola is warranted against defects in finish and other defects not related to structure for a period of one (1) year from the date of purchase. All metal hardware must be sprayed with a clear lacquer sealer once your pergola is assembled to prevent rust and corrosion.

The Outdoor Greatroom Company extends the following warranty for Outdoor Greatroom outdoor products used in the United States of America or Canada. Dealers and employees of The Outdoor Greatroom Company have no authority to make any warranty or authorize any remedies in addition to or inconsistent with the terms of this warranty. This warranty gives you specific legal rights. You may also have other rights that vary from state to state.

The Outdoor Greatroom Company warrants that this Outdoor Greatroom Outdoor Product (the "Product") will be free from defects in material and workmanship for a period of one (1) year for finish and other non-structural defects and three (3) years from its date of purchase structurally. This warranty is subject to the conditions, exclusions and limitations described below.

This warranty applies only to the original owner of the Product and is non-transferable. The Outdoor Greatroom Company obligation under this warranty does not extend to damages resulting from (1) assembly, operation or maintenance of the Product not in accordance with the Installation/Assembly Instructions, Operating Instructions and the Listing Agency Identification Label furnished with the Product; (2) installation or use which does not comply with local building codes and ordinances; (3) shipping, improper handling, improper operation, abuse, misuse, accident or unworkmanlike repairs; (4) use of fuels other than those specified in the Operating Instructions; (5) Installation or use of components not supplied with the Product or any other components not expressly authorized and approved in writing by The Outdoor Greatroom Company; and/or (6) modification of the Product not expressly authorized and approved in writing by The Outdoor Greatroom Company. Any of the circumstances described in the previous sentence voids this warranty. This warranty is void if the Product or any component has been removed, repaired, or replaced before The Outdoor Greatroom Company has been afforded a reasonable opportunity to inspect the Product.

This warranty is limited to the replacement or repair of defective components or workmanship and The Outdoor Greatroom Company may fully discharge its obligations under this warranty by repairing or replacing, at its discretion, the defective components. The Outdoor Greatroom Company will provide replacement parts at no charge and will pay reasonable and necessary labor and freight costs related to replacing or repairing defective components under this warranty. The maximum amount recoverable under this warranty is limited to the purchase price of the Product and, if The Outdoor Greatroom Company is unable to provide replacement or repair in an expedient and cost-effective manner, The Outdoor Greatroom Company may discharge all obligations under this warranty by refunding the purchase price of the Product.

EXCEPT TO THE EXTENT PROVIDED BY LAW, THE OUTDOOR GREATROOM COMPANY MAKES NO EXPRESS WARRANTIES OTHER THAN THE WARRANTY EXPRESSED HEREIN. THE DURATION OF ANY IMPLIED WARRANTY IS LIMITED TO THE DURATION OF THE WARRANTY SPECIFIED ABOVE. IN NO EVENT SHALL THE OUTDOOR GREATROOM COMPANY BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES CAUSED BY DEFECTS IN THE PRODUCT. Some states do not allow limitations on how long an implied warranty lasts, or do not allow exclusion or limitation of incidental or consequential damages, so these limitations may not apply to you.

To obtain service under this warranty, you must:

Send written notice of the claimed condition to: The Outdoor Greatroom Company, 2015 Silver Bell Road, #195, Eagan, MN 55122.

Affirm that you are the original owner of the Product.

Provide The Outdoor Greatroom Company reasonable opportunity to investigate the claim, including reasonable opportunity to inspect the Product prior to any repair or replacement work and before the Product or any component of the Product has been removed.

Obtain The Outdoor Greatroom Company's consent to any warranty work before the work is done.