FOREVER REDWOOD

DIMENSIONS & DRAWINGS

Attached Arched Pergola Kits

We can customize our Pergolas to suit your needs. Just tell us what size and what options you want. Prior to building, we provide our customers with a detailed set of drawings. The drawings are the perfect tool to show you every detail and dimension. They allow you to double check every detail to make sure that everything is exactly as you'd like before we begin building. Drawings are emailed within 5 business days of receiving your order, and we'll revise your drawings as much as needed to make sure that all details and sizing issues are perfected prior to beginning construction.

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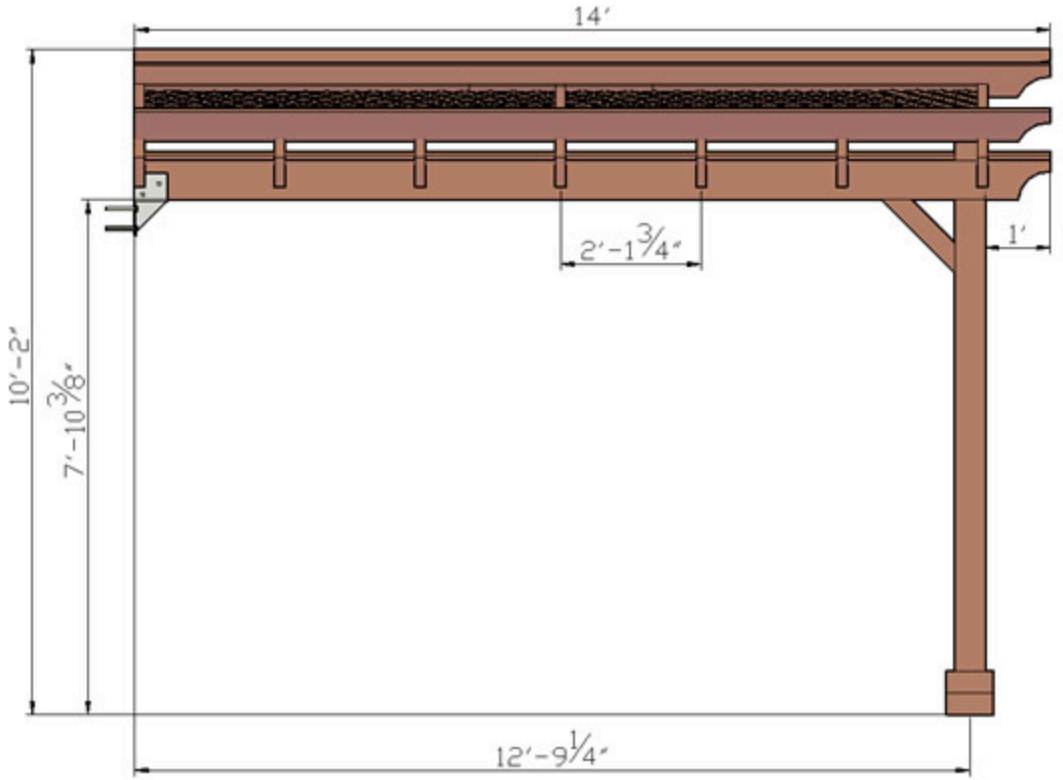
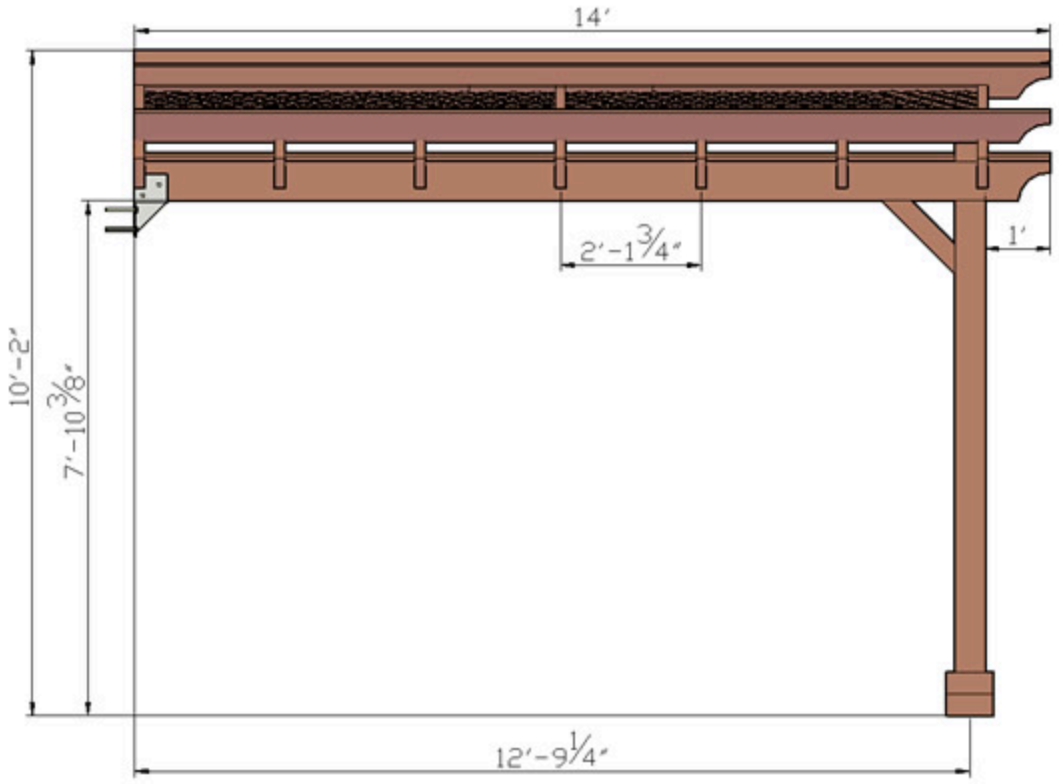
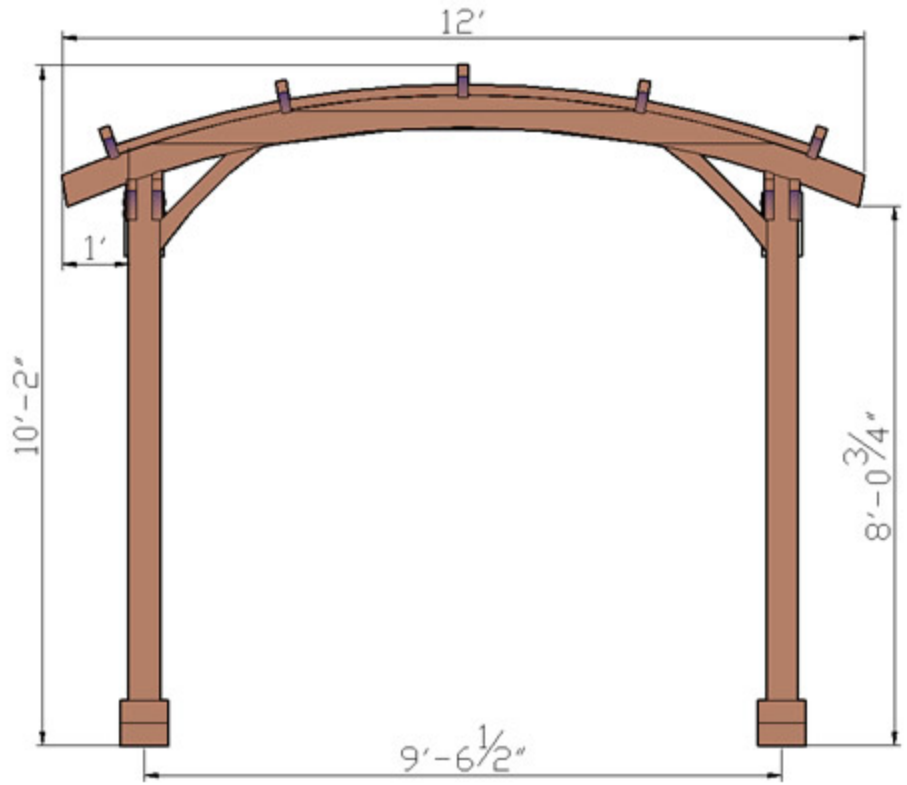


DRAWING 1

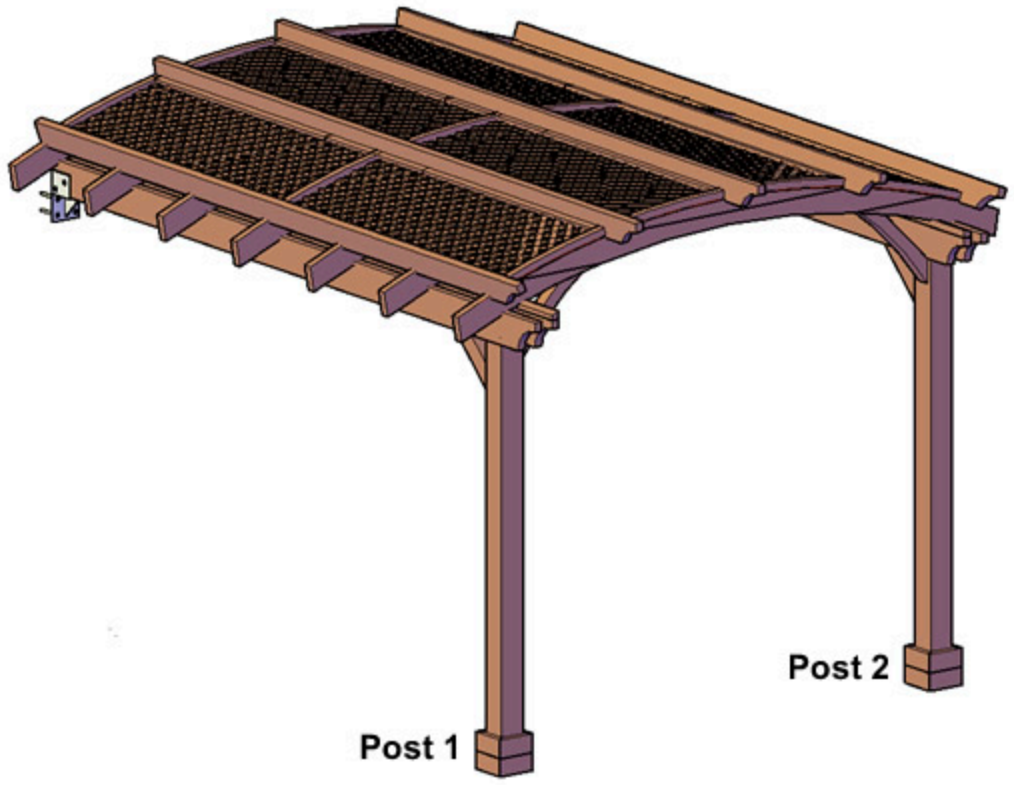
DRAWING 1



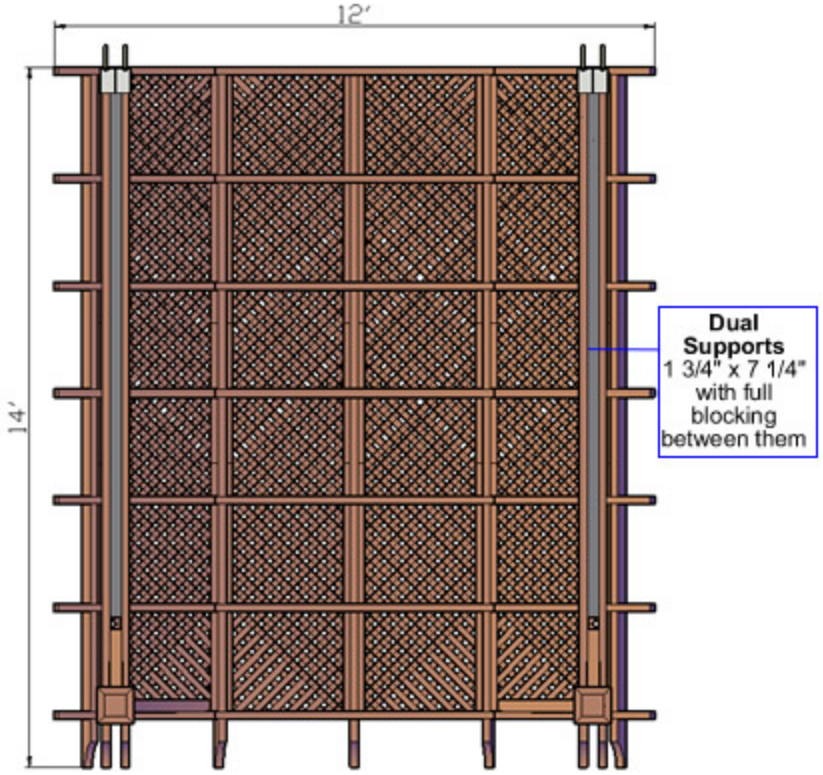
DRAWING 2



DRAWING 3

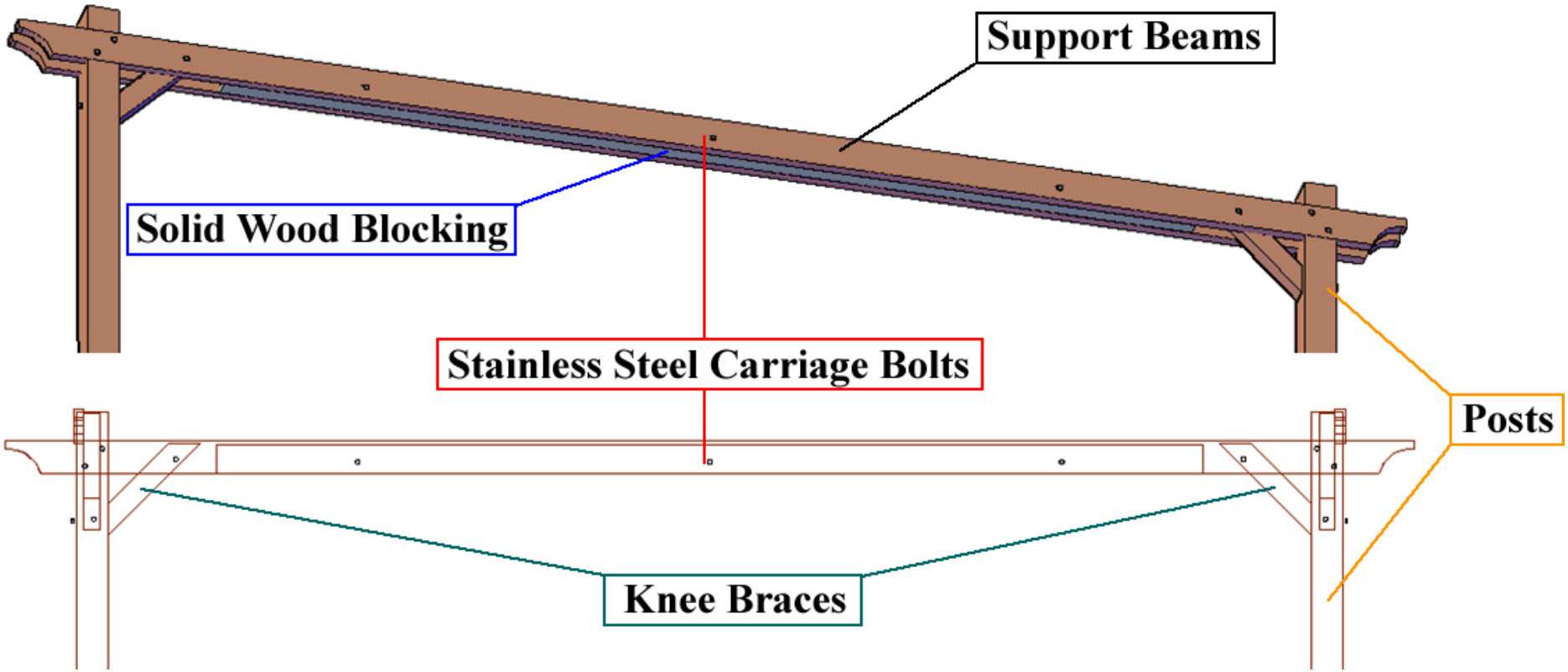


DRAWING 4


12'
14'
Dual Supports
1 3/4" x 7 1/4" with full blocking between them

DRAWING 5

For additional long-term structural strength, we add solid timber blocking in-between the dual support timbers as shown in the drawing below. With this blocking, the dual supports are in effect converted into one solid 5 3/4 inch x 61/2 inch or 7 1/4 inch x 6 1/2 inch timber as shown below:



Attached Arched Pergola Kits

MEASUREMENTS

Corner posts are 5 1/2" by 5 1/2" (standard sized 6x6s) and are recessed 12" in from roof dimensions (This can be adjusted to meet your needs just let us know).

Roof support timbers (lintels) and rafters are 1 7/8" x 5 3/4". If you prefer a different sizing or style write what you would like in the comments section or contact us.

Posts normally ship 9' long. 9 posts make the top of the roof 9' also and give you an 8' 4" clearance ("ceiling height") under the rafters. About 90% of our pergola customers go with the default 9' post height. If you'd like your pergola taller or shorter, just select Other Height and write in what you would like in the comments section.

The maximum roof size is 40' Length (Support Side) and 24' Width (Arc Side). The maximum span (with the standard timber sizes mentioned above) is 18' 2 1/2" on center between posts. Structures over 20' Length are built with an additional post to support roofs between 20 and 40 feet. For example, a 30' x 20' free standing pergola has 6 posts.

Forever Redwood Pergola kits are completely assembled in the shop prior to shipping to be certain everything fits together perfectly. All timbers are notched into one another to increase structural strength and to lock all your pergolas timbers in place so they will never sag, twist or move. There are hundreds of notches in the larger pergolas. Full notching is rarely practiced because it is labor intensive, and it is one of the secrets to a long lasting beautiful pergola.

All assembly hardware is included and is stainless steel.

Pergola (Roof) Size (ft)	Approx. weight
10 x 10	669 lbs.
10 x 12	755 lbs.
10 x 14	840 lbs.
10 x 15	883 lbs.
10 x 16	926 lbs.
10 x 18	1011 lbs.
10 x 20	1097 lbs.
12 x 12	857 lbs.

Pergola (Roof) Size (ft)	Approx. weight
12 x 14	960 lbs.
12 x 15	1011 lbs.
12 x 16	1063 lbs.
12 x 18	1165 lbs.
12 x 20	1268 lbs.

Pergola (Roof) Size (ft)	Approx. weight
14 x 14	1080 lbs.
14 x 16	1199 lbs.
14 x 18	1319 lbs.
14 x 20	1439 lbs.
15 x 15	1204 lbs.
15 x 18	1396 lbs.
15 x 20	1524 lbs.
16 x 16	1336 lbs.
16 x 18	1473 lbs.
16 x 20	1610 lbs.
18 x 18	1627 lbs.
18 x 20	1781 lbs.
20 x 20	1952 lbs.