ASSEMBLY INSTRUCTIONS

Astoria Arbor

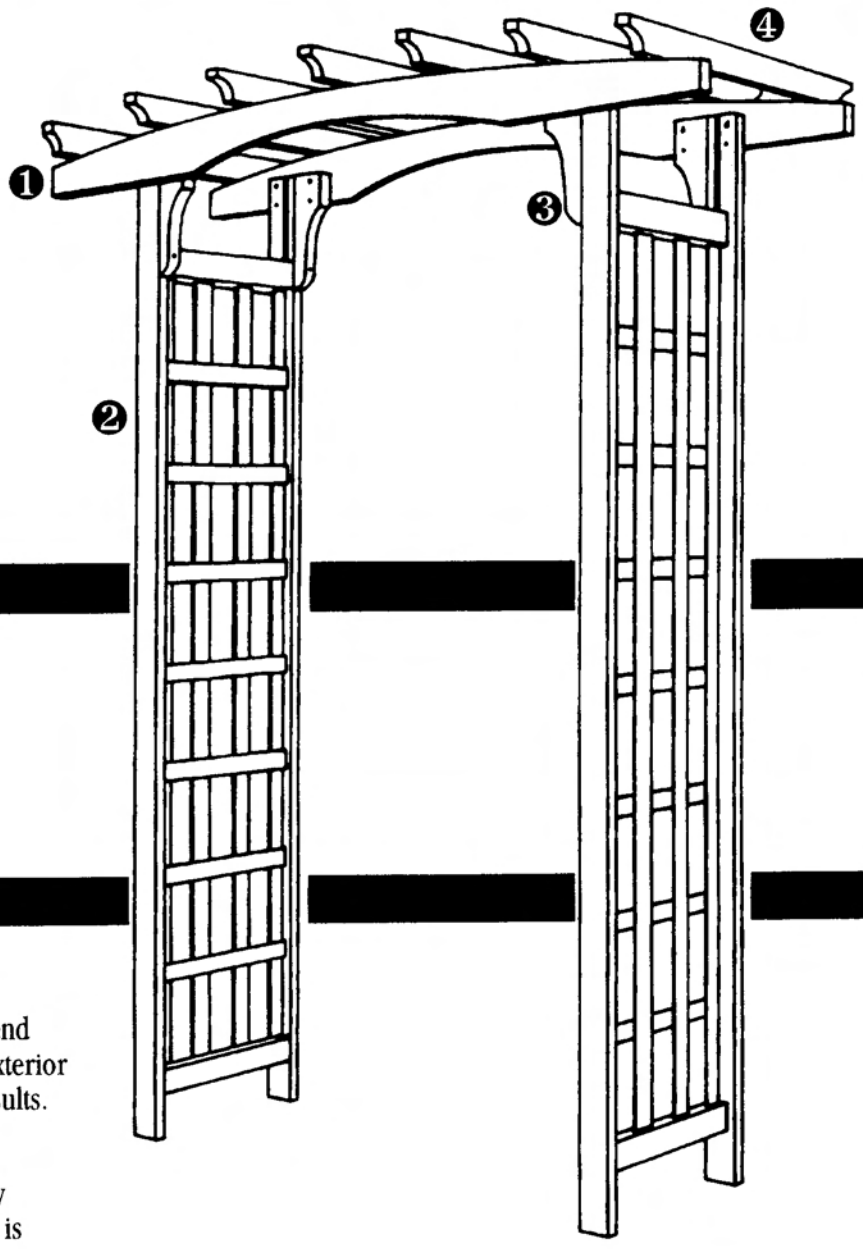
5

PLEASE READ THROUGH BEFORE YOU START ASSEMBLY

CHECK BOX FOR THESE CONTENTS

- ❶ Header Boards (2)
- ❷ Lattice Side Panels (2)
- ❸ Header Braces (4)
- ❹ Trellis Cap Boards (7)
- ❺ Hardware (in plastic bag)
  - – 2½" screws (24)
  - – 3" screws (14)
  - – Spacer Lath (1)

(separate screws before starting)



TOOLS YOU WILL NEED

- Phillips screwdriver
- Tape Measure

HANDY TO HAVE:

- Carpenters square
- Stool or short ladder

PRELIMINARIES

IF YOU PLAN TO PAINT:

If you wish to stain or paint your arbor, we recommend that you do so before assembly. Use a good quality exterior stain or paint. It makes the job easier, with better results.

WORK AREA

Select an area close to where the arbor will be finally placed. While the assembled unit is not very heavy, it is awkward to move far and requires two people to do so easily.

The assembly area should be relatively flat and open, at least 8' square. A lawn, driveway or wide path will be satisfactory.

It is a good idea to lay out the arbor shipping box on your work surface to protect the arbor from nicks and scratches.

445.35.99

STEP ONE: CONNECT THE HEADER BRACKETS TO THE SIDE FRAMES

A. Lay one post groove side up on a firm flat surface.

B. Line up a curved bracket along the top inside edge of one of the upright posts of the side frames as shown in Diagram 1.

The inside edge of the post is the one closest to the groove.

The top of the post is the end with 2 holes drilled in it.

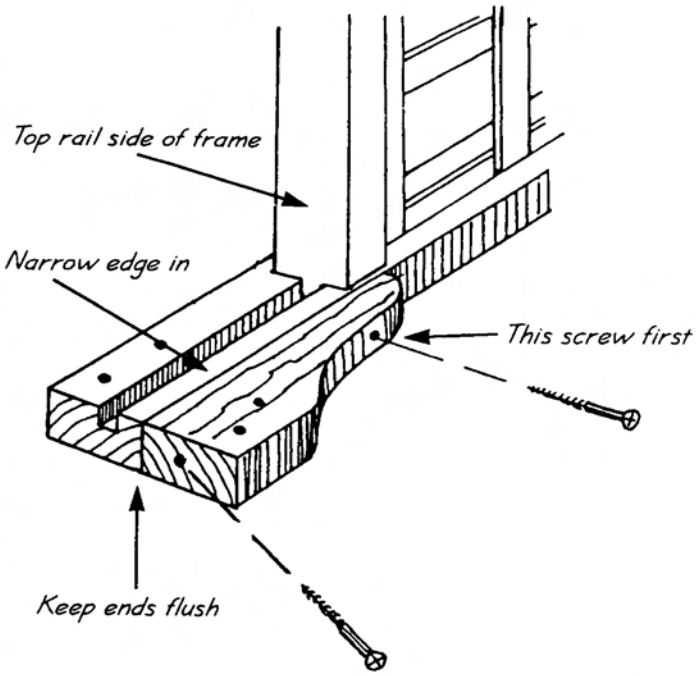
Keep the top of the bracket even with the top of the post.

C. Drive the 2½" screw into the side hole of the bracket first, to prevent slippage when the top screw is driven at an angle.

D. Repeat with remaining posts and brackets

Important: Because cedar is a relatively soft wood, it is possible to drive a screw into it without using a pilot hole. It is important to make sure that where a pilot hole has been provided, you take special care to see that the screw point is properly lined up with it.

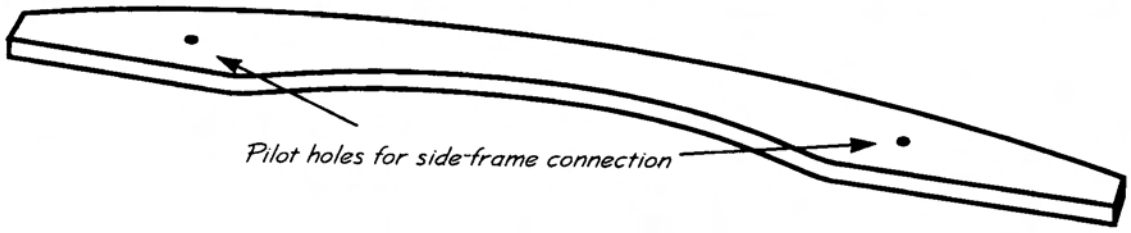
DIAGRAM 1



STEP TWO: CONNECT THE SIDE FRAMES TO THE HEADERS

E. Lay one of the header boards face down on the work surface keeping the side with the two screw holes facing up. (Diagram 2)

DIAGRAM 2



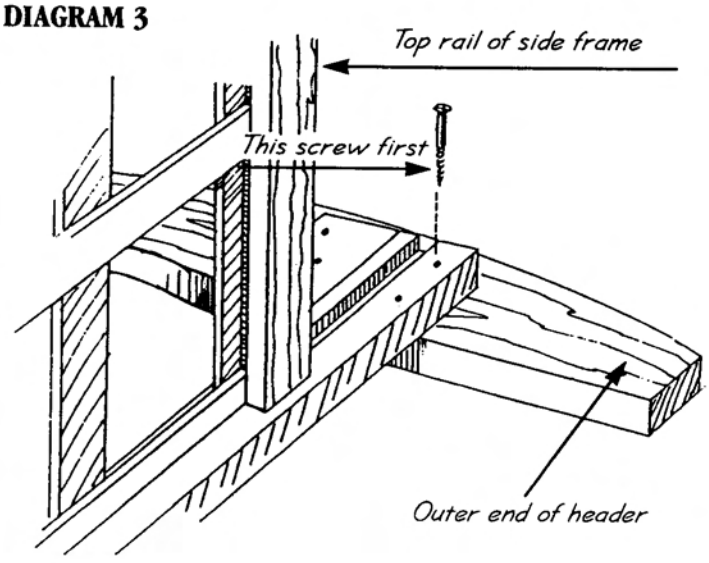
F. Setting one of the side frames on its edge, place the top of the lower post over the edge of the header board. The bracket side of the post should be toward the center of the arbor opening. (Diagram 3)

Holding the post up off of the header, drive **one 2 1/2" screw** through the top screw-hole in the post so that its point projects 1/2" or so through the post.

Locate the screw point into the pilot hole in the header.

Drive in the screw securely but not tightly.

DIAGRAM 3



G. Repeat this process with the second side panel at the other end of the header.

H. Carefully square the two posts with the flat edge of the header ends. Measure the distance between the posts at the top and bottom to be sure the opening is parallel. Now drive in the remaining screws.

There are no pilot holes for these last three screws on each side. Simply apply firm pressure as you drive them and they will go in securely.

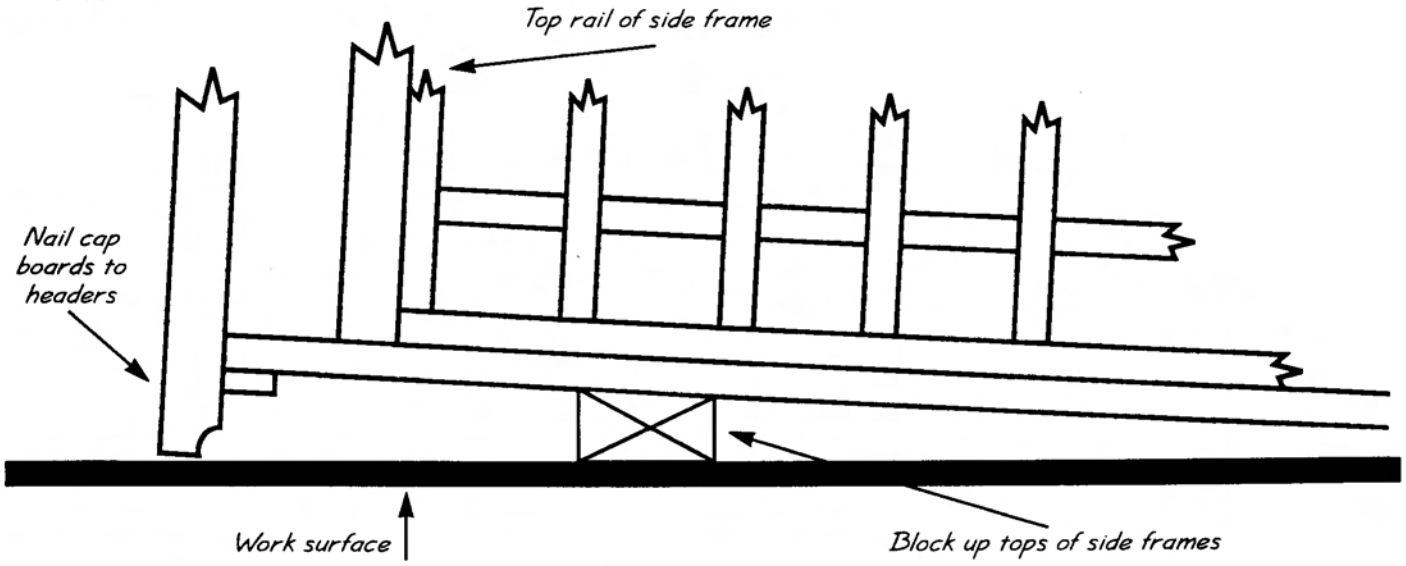
I. With the header attached, carefully lift the partially assembled arbor upright. Place the other header face down on the work surface, and lower the open side into position. with the post tops lined up on the header.

J. Repeating the process above, attach the second header to the top of the side panels. Set all screws solidly.

STEP THREE: ATTACH THE TRELLIS CAP BOARDS

K. With the assembled unit still on its side, carefully raise the lower header four or five inches above the ground and hold it in that position by placing wood blocks or other supports under the lower posts. This will allow clearance for you to attach the seven trellis caps. (Diagram 4)

DIAGRAM 4



L. Start the 3 " screws through the upper sides of all the cap boards, driving them through the pre-drilled guide holes so that they barely protrude below.

M. Align the first cap board with the guide marks at the top center of the two header boards keeping the screw points positioned at the middle of the header board. Drive the screws in firmly at both ends.

N. Hold one end of the "spacer" lath against the center cap board and use it as the guide for lining up the next cap.

NOTE: Make sure that you are screwing each cap into the center line of the headers.

O. Fasten all of the cap boards in position in this manner down each side of the headers.

INSTALLING THE ARBOR

Arbors must be well secured to prevent tipping over. We have provided 4 anchors for securing the arbor to concrete footings, the most common method of securing it. If you use this method you will also need 2 bags of pre-mix concrete. In some cases it may be acceptable to secure the arbor to some existing structure such as a fence post. If you are installing your arbor on concrete or a deck, see your hardware dealer for appropriate hardware.

A. Move the arbor to its final location. (You'll need a helper). When you are satisfied with the location, mark the positions of the posts, then move the arbor aside and lay it carefully on its side. Dig a hole at least 6" wide and 12" deep for each post.

B. Attach the anchors to the posts using the 3/4" screws provided. See **diagram 1**.

C. Carefully, move the arbor back to its final position. Support it plumb and level over the holes with bricks, stones or blocks of wood under the side panel rails. The post bottoms should be close to the level of the ground surface. See **diagram 2.**

D. Fill each hole with bagged concrete, mixed according to the manufacturer's instructions. Concrete should come to within 1/4" of the bottom of the posts but the post should not be in the concrete.

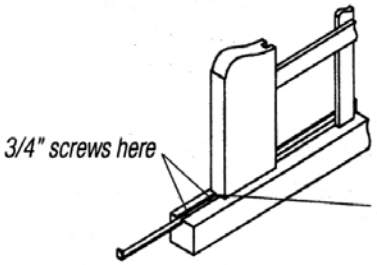


DIAGRAM 1

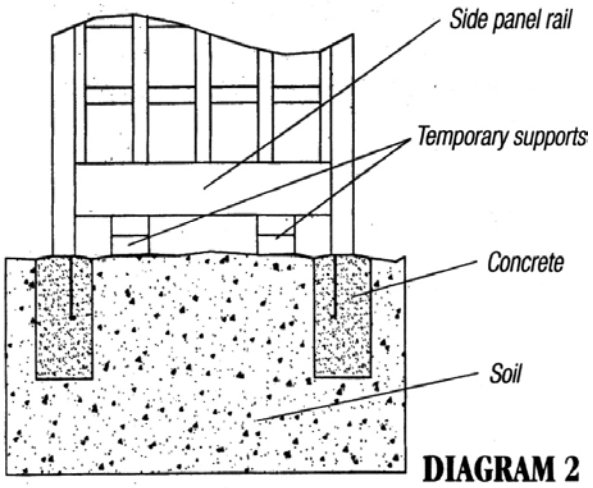


DIAGRAM 2

ARBORIA
Fine Garden Structures

LWO Corporation
3841 N. Columbia Blvd.
Portland, Oregon 97217
(503) 286-5372
(800) 459-8718

www.arboria.com