

ASSEMBLY INSTRUCTIONS

Astoria Arbor

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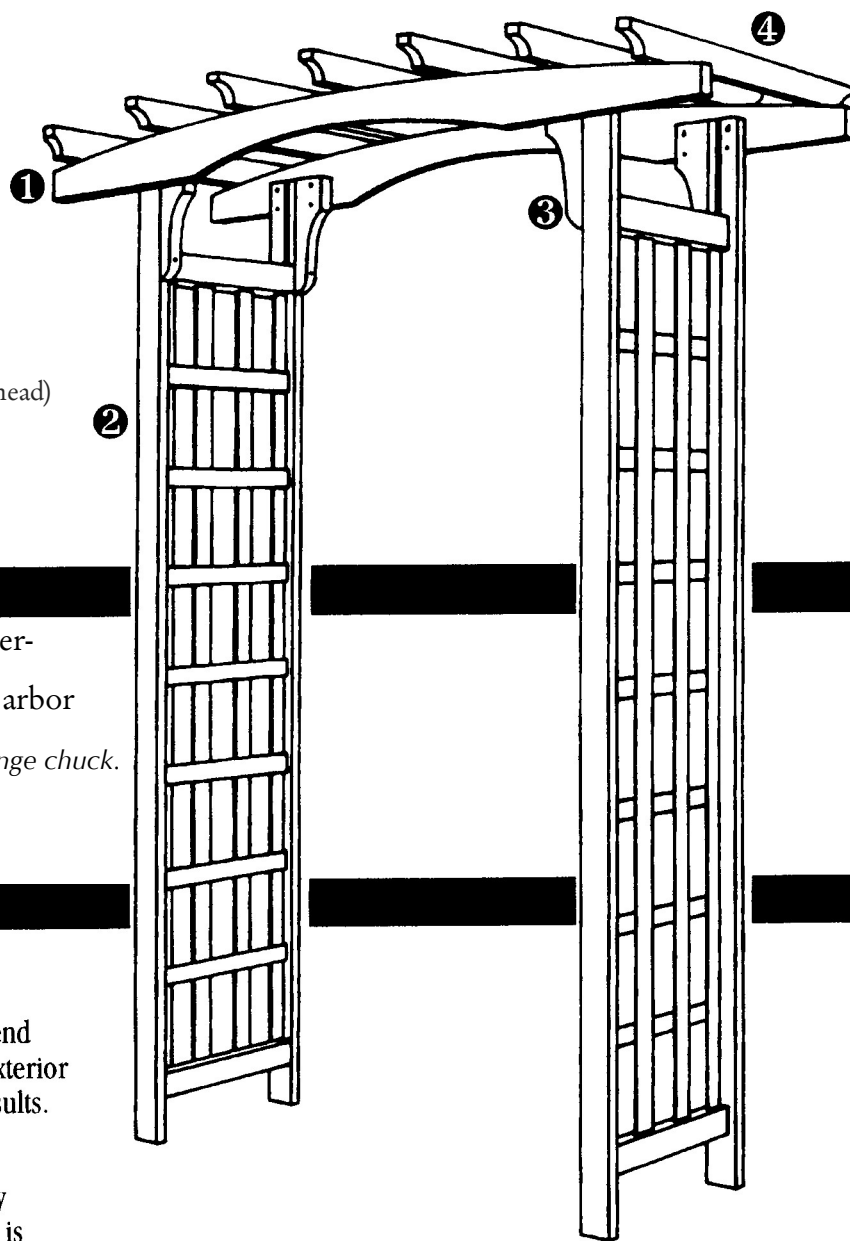
PLEASE READ THROUGH BEFORE YOU START ASSEMBLY

CHECK BOX FOR THESE CONTENTS

- ① Header Boards (2)
- ② Lattice Side Panels (2)
- ③ Header Braces (4)
- ④ Trellis Cap Boards (7)
- ⑤ Hardware (in plastic bag)

- 2½" screws (24) - Driver bit
- 3" screws (14) (if other than Phillips head)
- Spacer Lath (1)

(separate screws before starting)



TOOLS YOU WILL NEED

- Power screwdriver or drill that accepts interchangeable bits*
 - Two bags of concrete mix (60#) to anchor arbor
 - Tape measure
- *A bit holder may be needed if drill has a quick-change chuck.*

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.

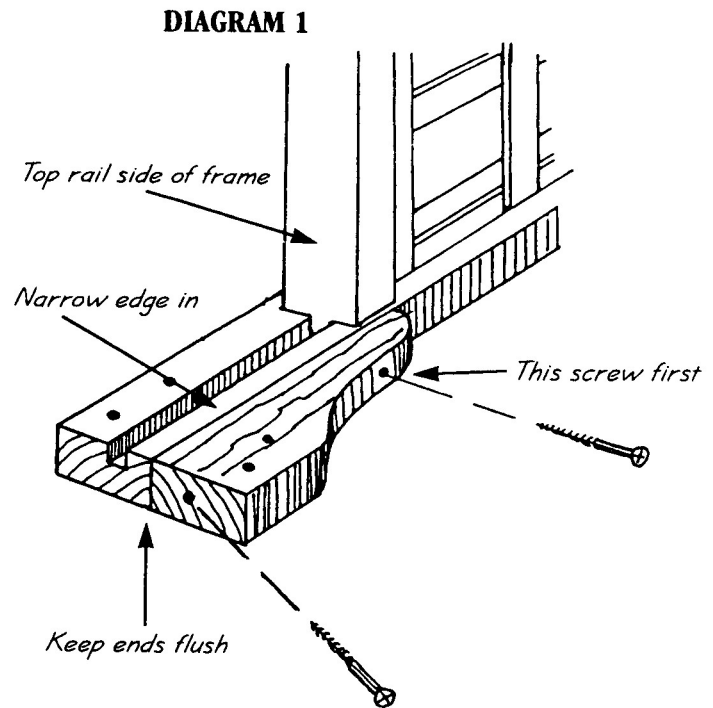
STEP ONE: CONNECT THE HEADER BRACKETS TO THE SIDE FRAMES

- 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 2 1/2" 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

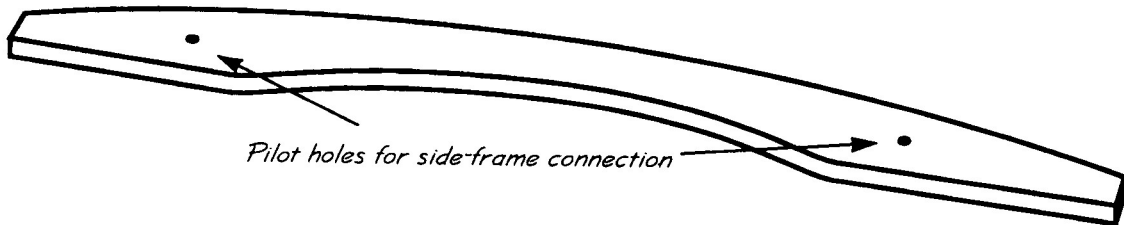
Important: Because cedar is a relatively soft wood, it is possible to drive a screw into it without using a pilot hole. It is important to make sure that where a pilot hole has been provided, you take special care to see that the screw point is properly lined up with it.



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



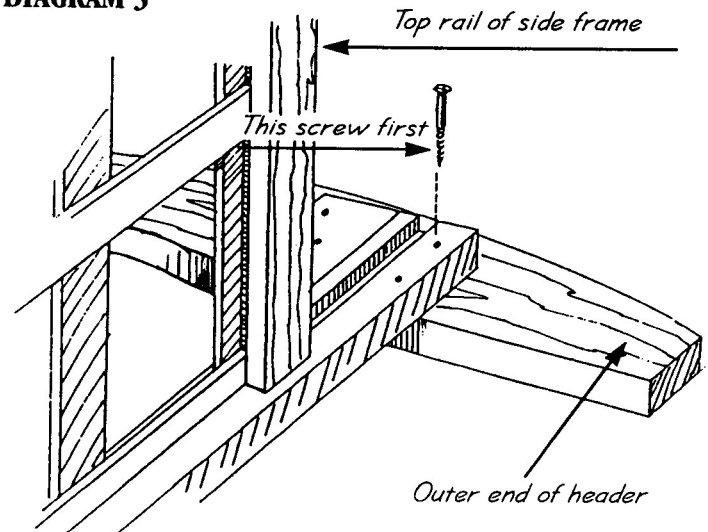
- F. Setting one of the side frames on its edge, place the top of the lower post over the edge of the header board. The bracket side of the post should be toward the center of the arbor opening. (Diagram 3)

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

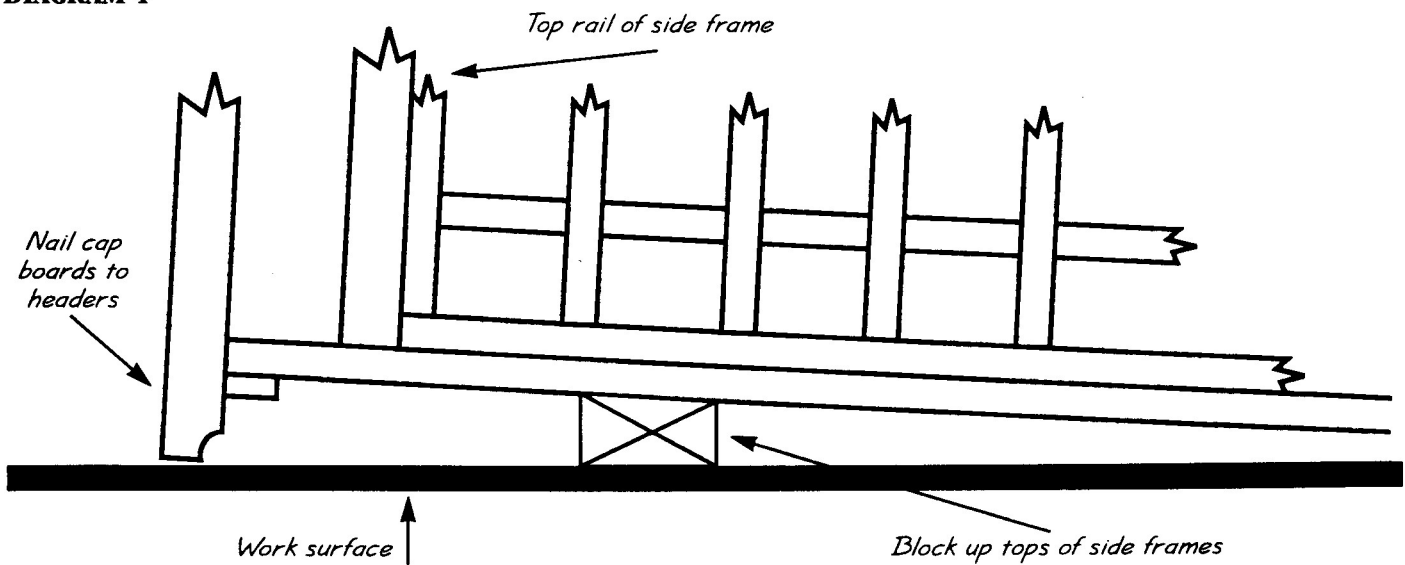


- G. Repeat this process with the second side panel at the other end of the header.
- H. Carefully square the two posts with the flat edge of the header ends. Measure the distance between the posts at the top and bottom to be sure the opening is parallel. Now drive in the remaining screws.
There are 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

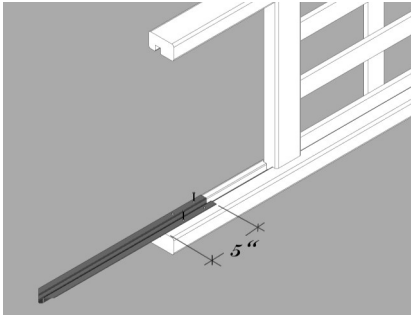
- K. With the assembled unit still on its side, carefully raise the lower header four or five inches above the ground and hold it in that position by placing wood blocks or other supports under the lower posts. This will allow clearance for you to attach the seven trellis caps. (Diagram 4)

DIAGRAM 4

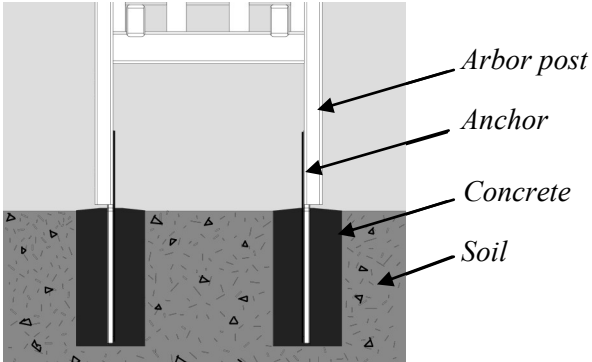


- L. Start the 3 " screws through the upper sides of all the cap boards, driving them through the pre-drilled guide holes so that they barely protrude below.
- M. Align the first cap board with the guide marks at the top center of the two header boards keeping the screw points positioned at the middle 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



This arbor may be secured using a variety of techniques. These include attaching to an existing structure or anchoring with gravel or river rock instead of concrete. The instructions below represent secure mounting with concrete. Use caution when moving the arbor to its final placement. Two people are required to lift or move the arbor.



- STEPS**
- 1** Attach all four anchors to the bottom of the arbor using the provided screws, two screws per anchor, staggering the screws.
 - 2** Measure the distance in between all anchors and dig four 8" diameter holes to accommodate the anchors.
 - 3** Carefully lift the arbor and position in place, avoid tilting the arbor on the anchors.
 - 4** Plumb and level the arbor.
 - 5** Mix concrete according to the manufacturer's instructions, fill each hole within 1/4" of the bottom of each post, posts should not be set in the concrete.

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