



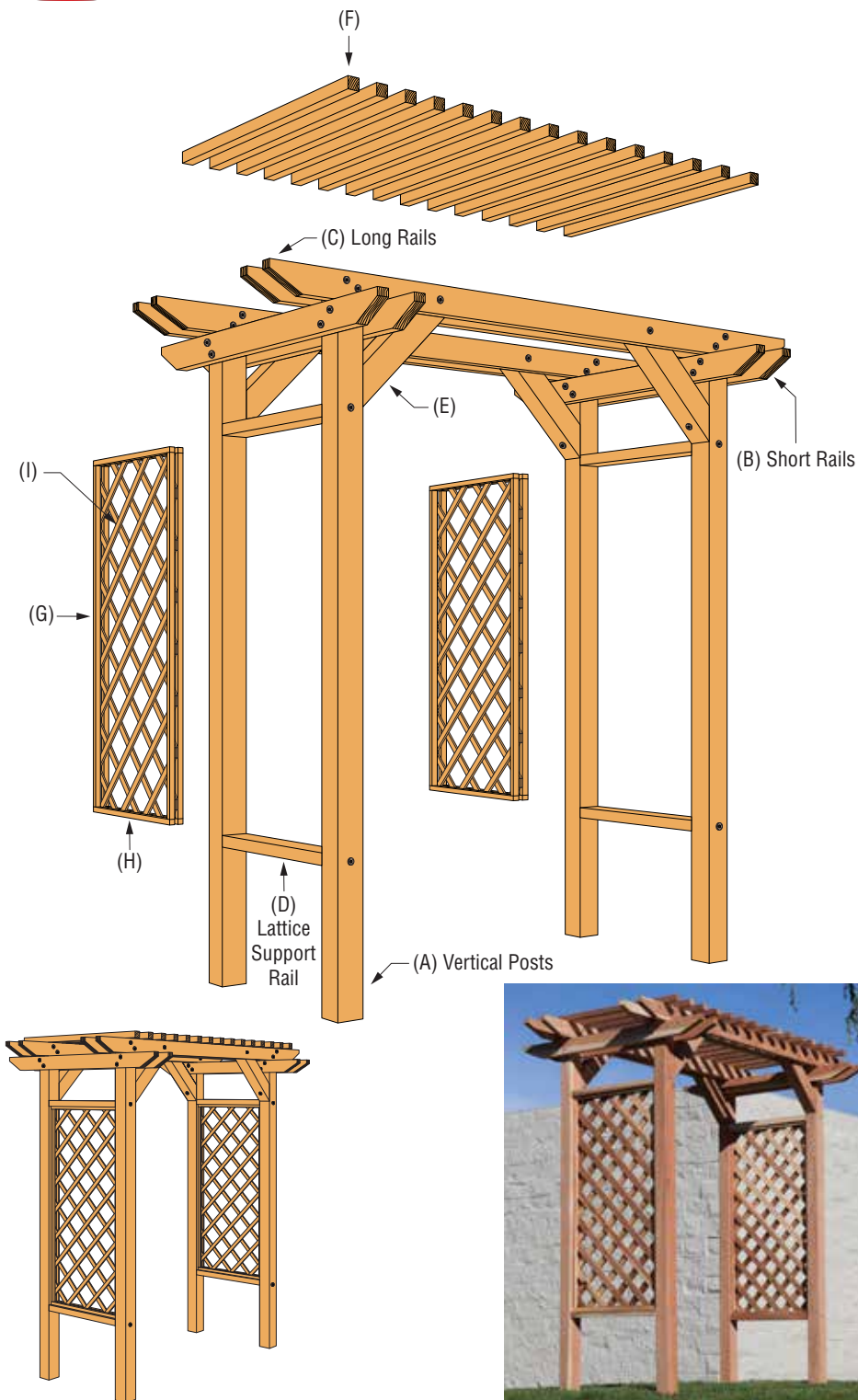
Add a Focal Point to Your Garden

# Garden Arbor

Create a natural entryway to your yard or garden with a classically styled arbor. Adorned with roses or other climbing vines, this arbor will be a beautiful addition to your landscape. Construction is easy, and Simpson Strong-Tie® fasteners ensure that your arbor will provide years of lasting enjoyment.



Check out our installation and building tip videos at [www.diydoneright.com](http://www.diydoneright.com).



## TOOLS YOU NEED

- Saw
- Screw gun
- T-40 6-Lobe bit
- T-25 6-Lobe bit
- Tape measure
- Clamps
- Framing square
- Straight edge

## INSTALLATION INSTRUCTIONS

### 1. CUT LUMBER TO SIZE.

**2. INSTALL POSTS.** Level and square vertical posts (A) before anchoring.\*

### 3. ATTACH RAILS AND BRACES.

For each pair of vertical posts, measure down 3½" from the top and attach the short rails (B) to the inside and outside of the posts with four 4" Strong-Drive® SDWS Timber screws. (Offset screws so they don't run into each other.) Connect the front posts by attaching the long rails (C) above the short rails with four 4" SDWS screws per post, two per side (offset). Repeat for the back posts. Attach the post brace (E) to each post with 6" screws placed diagonally. Offset two 4" screws through the brace into the long rails.

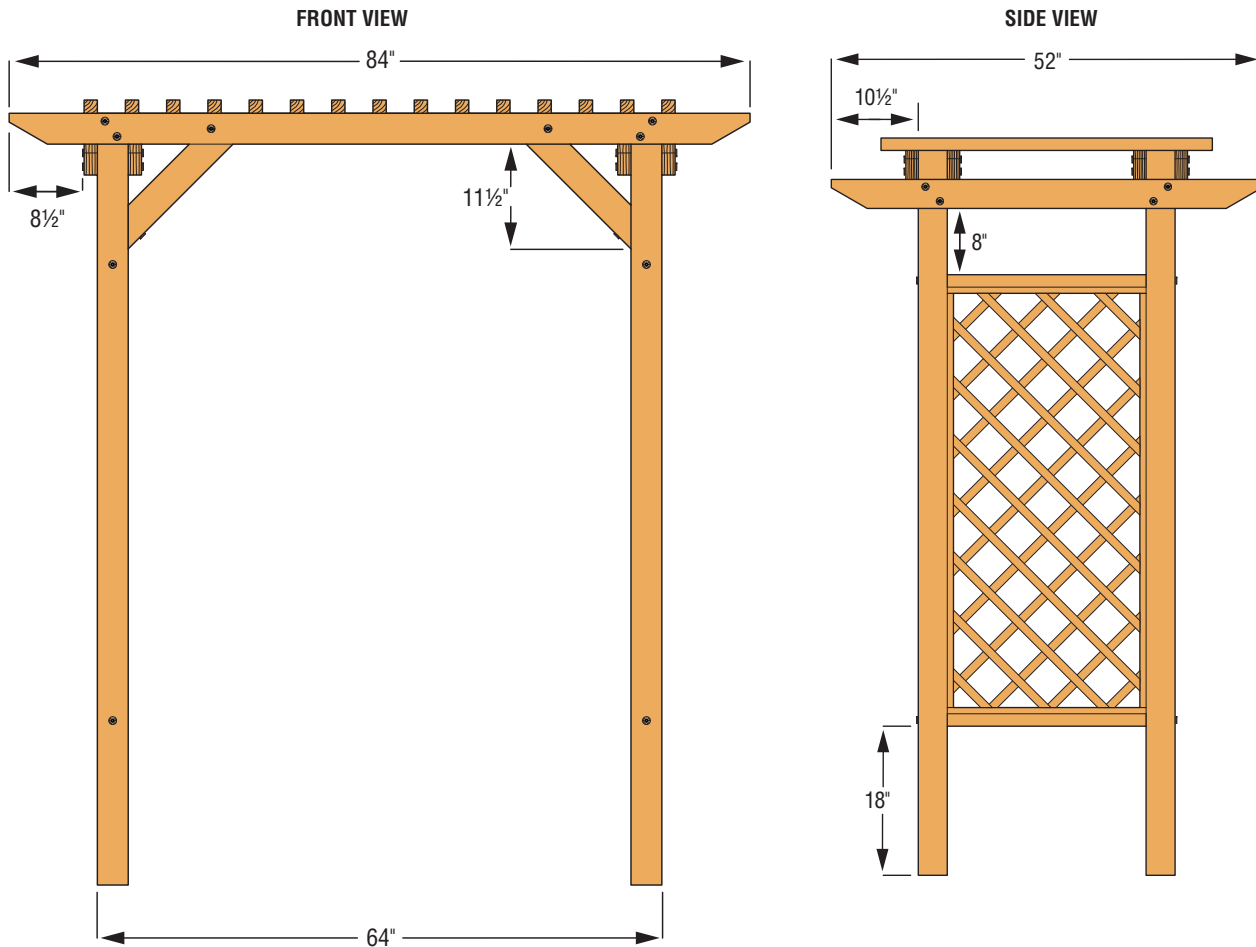
### 4. ATTACH RAFTERS.

Place rafters (F) 3½" apart, using a 2x4 for spacing. Start in center and work outward. Attach rafters to inner rails with 2½" Deck-Drive™ DSV Wood screws.

**5. INSTALL LATTICE.** Attach lattice support rails (D) to posts with 6" SDWS screws. Cut lattice (I) to fit between posts. Use 3d x 1¼" nails to attach trim (G)(H) to posts and rails on one side. Place lattice against one layer of trim before attaching second layer of trim.

\* Check out [strongtie.com](http://strongtie.com) for post anchoring options, including E-Z Spike, E-Z Base or other post base solutions.

## Garden Arbor



### FOR THIS PROJECT YOU WILL NEED:

#### LUMBER

- (5) pieces 4x4 x 8'
- (8) pieces 2x4 x 8'
- (8) pieces 2x2 x 8'
- (8) pieces 1x1 x 8'
- (1) 4' x 8' lattice

#### SIMPSON STRONG-TIE® FASTENERS

- (32) 4" Strong-Drive® SDWS Timber screws
- (8) 6" Strong-Drive® SDWS Timber screws
- (30) 2 1/2" Deck-Drive™ DSV Wood screws

- (1) 1lb. box of T3FN1 stainless-steel 3d x 1 1/4" finishing nails

#### CUT FROM 4x4 x 8'

- (4) 87 1/2" Vertical Posts

- (4) 21 3/4" Post Braces (45° each end)

#### CUT FROM 2x4 x 8'

- (4) 24" Lattice Support Rails

- (4) 52" Short Rails

- (4) 84" Long Rails

#### CUT FROM 2x2 x 8'

- (15) 40" Rafter

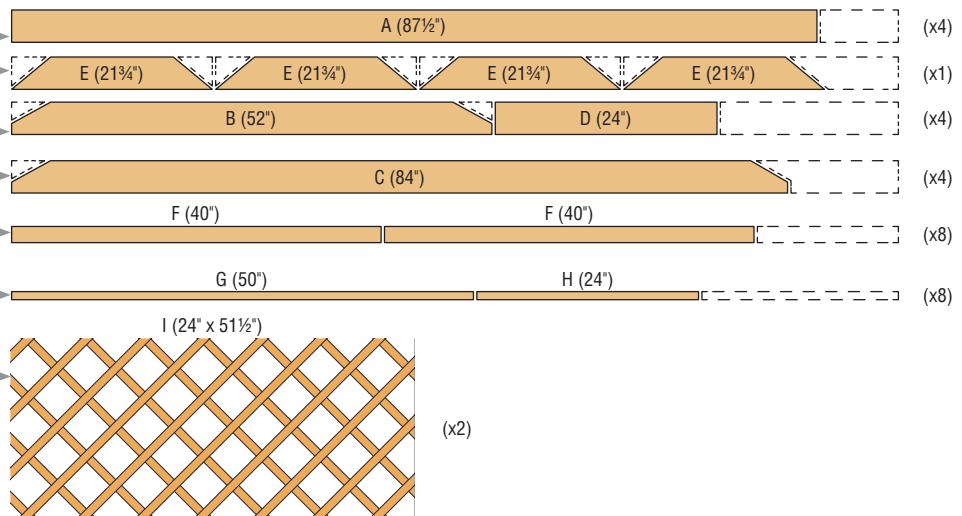
#### CUT FROM 1x1 x 8'

- (8) 50" Long Lattice Trim

- (8) 24" Short Lattice Trim

#### CUT FROM 4' x 8' LATTICE

- (2) 24' x 51 1/2" Lattice Pieces



The construction plan for this project is designed to be completed by people with basic carpentry skills in standard situations. If your situation is unique, talk with someone with detailed carpentry or construction experience before starting your project. Particular attention was paid to the steps and details in this plan, but they cannot be guaranteed to be error free. Simpson Strong-Tie shall not be responsible for any possible loss, damage or injury resulting directly or indirectly from the information contained here.