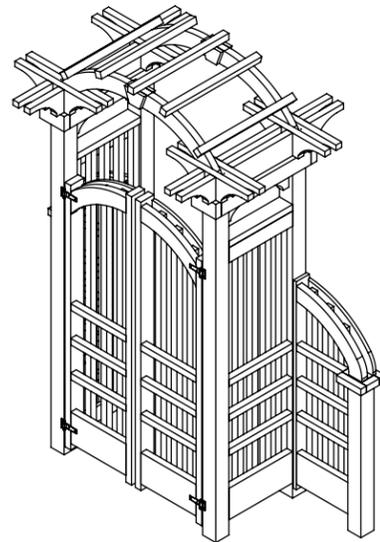


# Gothic Arbor

## MATERIAL LIST

4	4"x4" x 12'	2lb	1 1/4" spiral galvanized finish nails
2	4"x4" x 8'	2lb	3" Deck Screws (rated for red cedar)
2	2"x8" x 14'	2lb	2 1/4" Deck Screws (rated for red cedar)
5	2"x4" x 48"		(or 15 gauge finishing brads or 2 1/2" Spiral Galvanized Finish Nails)
2	2"x6" x 10'	2	pairs of heavy duty strap hinges.
3	2"x4" x 8'		
2	2"x4" x 12'		
1	2"x6" x 3'		<i>*Consider using a 3/8" pilot with a countersink, then filling the screw holes with solid wood cut using a drill press and a tapered plug cutter.</i>
20	2"x2" x 8'		
3	1"x4" x 8'		<i>**Consider pre-finishing your Red Cedar Prior to assembly.</i>
1	1"x8" x 8'		

Pocket Hole Jig and #12 Pan Head Stainless Wood Screws



## INSTRUCTIONS

A. Shop for, gather and organize your materials.

B. Prefabricate from the material list and stack like parts together. It may be prudent to leave parts slightly long and trim to fit once measurements are confirmed.

C. Layout and dig the 42" deep x 10" holes using a lever augur or power augur—or better still, hire someone that specializes in digging post holes. Consider laying out the hole locations on a 3/8" sheet of plywood to assure accurate setting of the posts. Double check the locations after the posts are set and adjust part sizes upward if necessary.

D. Set the outermost posts first, then by attaching a string line offset 1/2", level and align your posts to maintain them in a straight line. You don't have to brace the posts if you pack the soil or fine gravel tightly with your foot.

E. After allowing the posts to set for 24-48 hours, Cut and fit the base rails and Cap Rails. Fasten Base Rails and Cap Rails using the pocket hole jig and 3" #12 Screws. The Base Rails should be 3" off the ground and level to one another.

F. Trim the posts to height illustrated. Assemble the Post Top/Rafters and the Arch as illustrated and secure to the top of the posts using 3" Deck screws. Everything should be centered—and when another part slides between other parts, the space must be the same as the part sliding in. Normally 2x material is 1.5", however it is always good practice to measure. Countersink all screws.

G. Cut and Install the post trim to lock the rafters in place. The Side Panel Lattice can now be assembled as illustrated. Cut blocks to help

you space the parts quickly and accurately while you fasten the lattice.

H. Check the location of the short posts, measuring at the top and base of the posts then assemble the wings as illustrated.

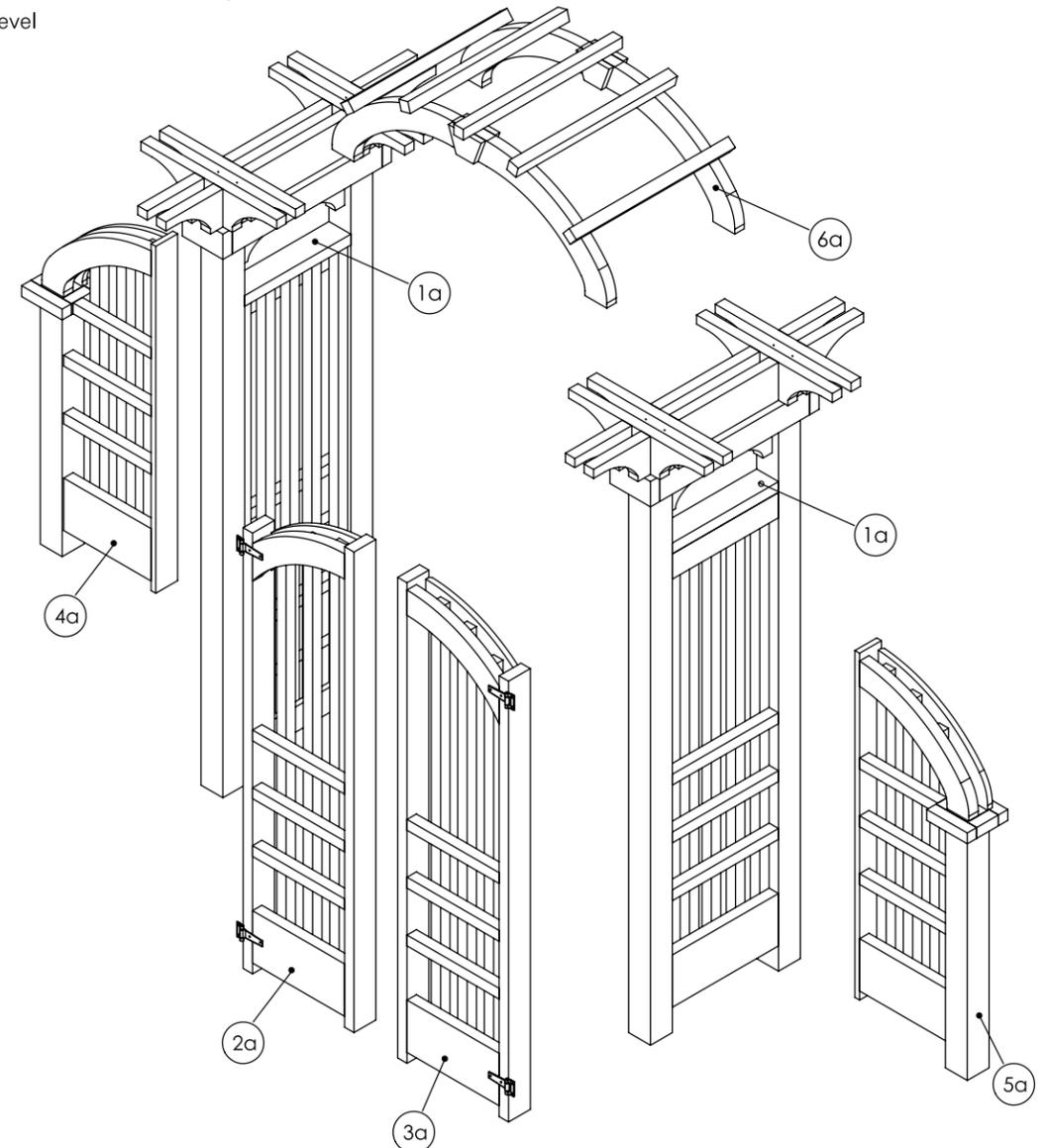
I. Confirm the space between the gate supporting posts—measuring at the top and base of the posts. The total size of the gates should be 1.5" less than the opening for double gates. 1" space should be maintained between the two gates for swing—and 1/4" between the gates and the support posts. Adjust the gates smaller or larger as required. If joints are not tight and gates have movement, invest in gate wires to maintain square.

J. Give your project a coat of stain, then fill any voids or holes with exterior putty. Give it a second coat after putty.

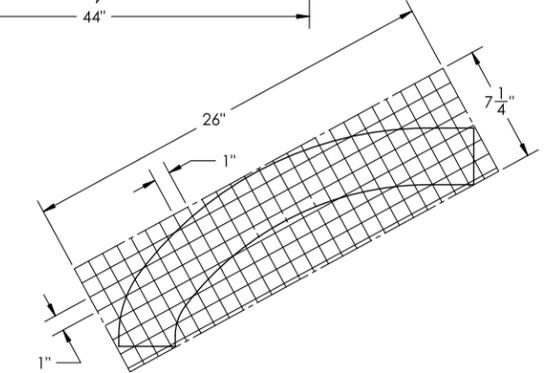
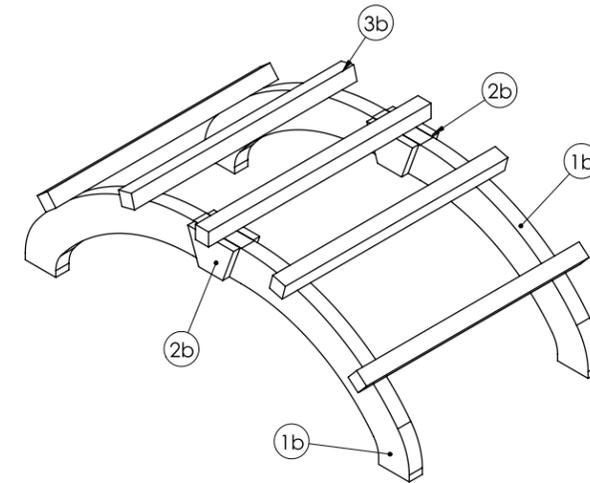
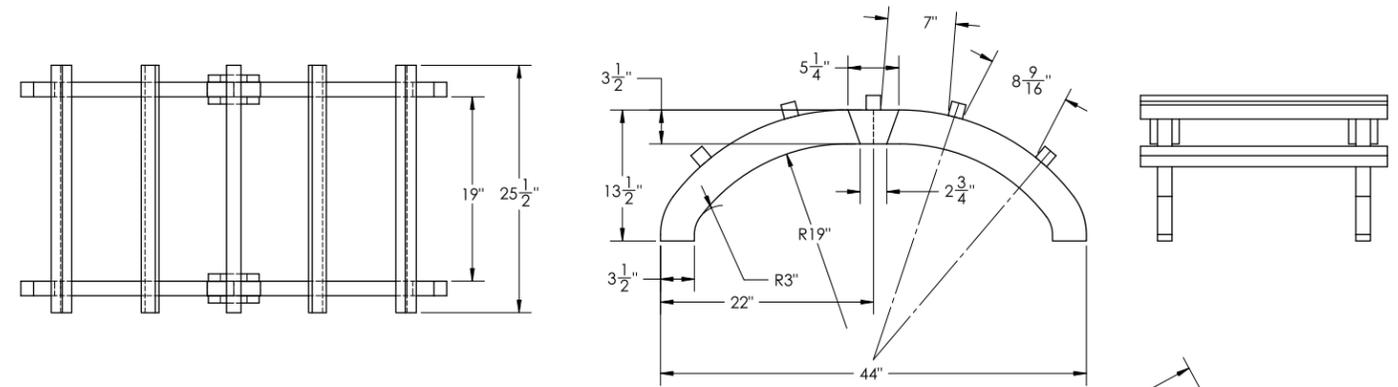
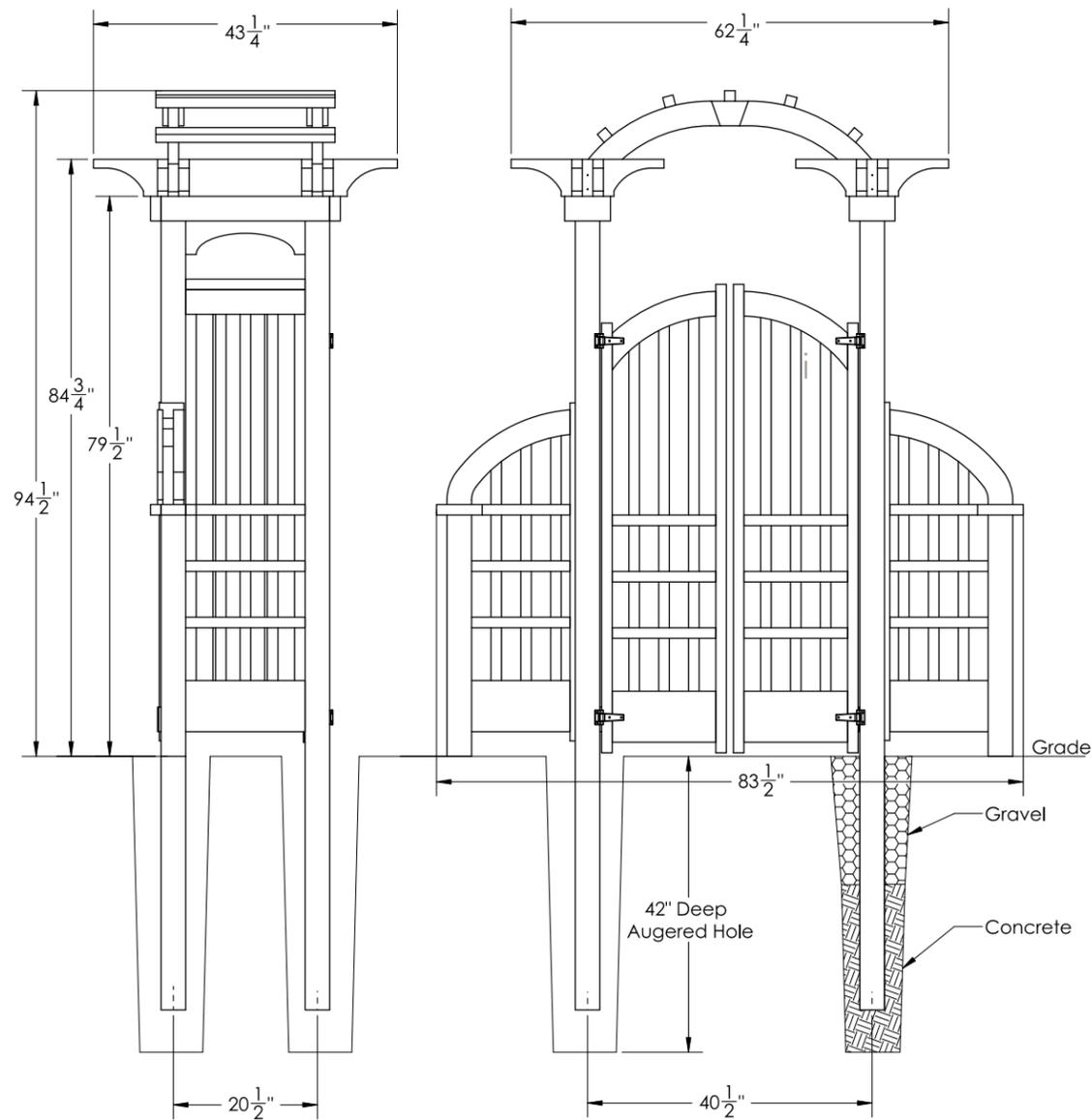
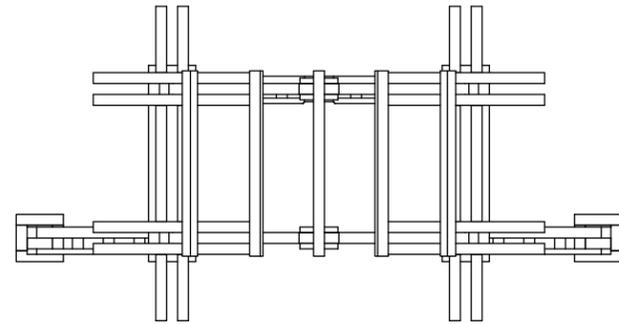
## RECOMMENDED TOOLS

- 4 small off-cuts of 2x2 (spacer blocks)
- Drill and 3/8" spade bit or augur bit
- Screw driver bits and magnetic tip for screw gun
- Carpentry clamps (4) optional
- Framing Square
- Pocket Hole Jig and #12 Pan Head Stainless Wood Screws
- Adjustable wrench or socket set
- 3/8" Countersink and Pilot bit and Tapered Plug Cutter (to fill countersinks)
- Random orbital sander with 80 grit sandpaper.
- Jigsaw with heavy duty blades
- Small Drill Press (optional)
- Flush Cut Saw
- Table Saw
- Wheelbarrow, Shovel, Rake, Lever Augur
- An Accurate Level

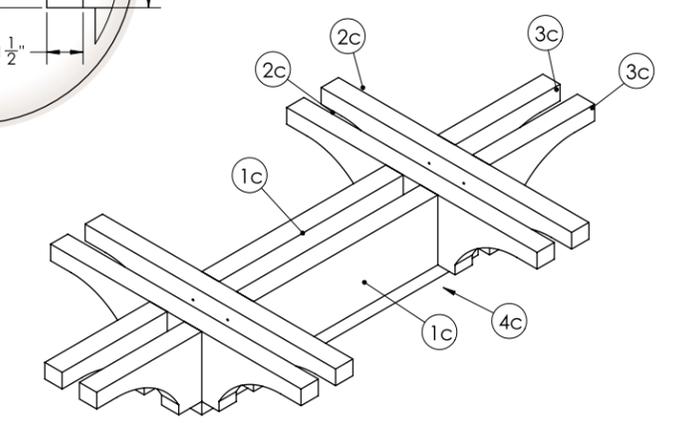
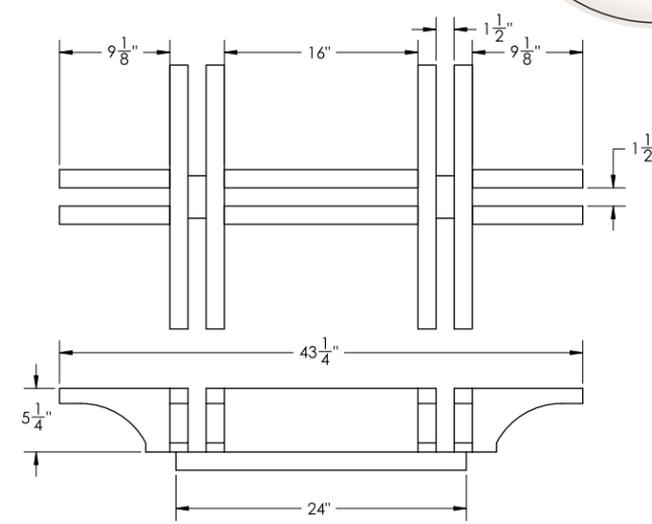
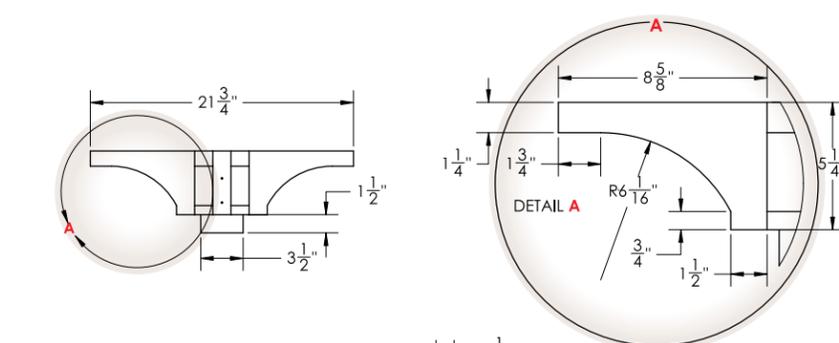
Item No.	Description	Material	Qty.
1a	SIDE PANEL SUB ASSY	Diagram iv	2
2a	GATE - LHS	Diagram v	1
3a	GATE - RHS	Diagram v	1
4a	WING - LHS	Diagram vi	1
5a	WING - RHS	Diagram vi	1
6a	ARCH SUB ASSY	Diagram ii	1



# Gothic Arbor

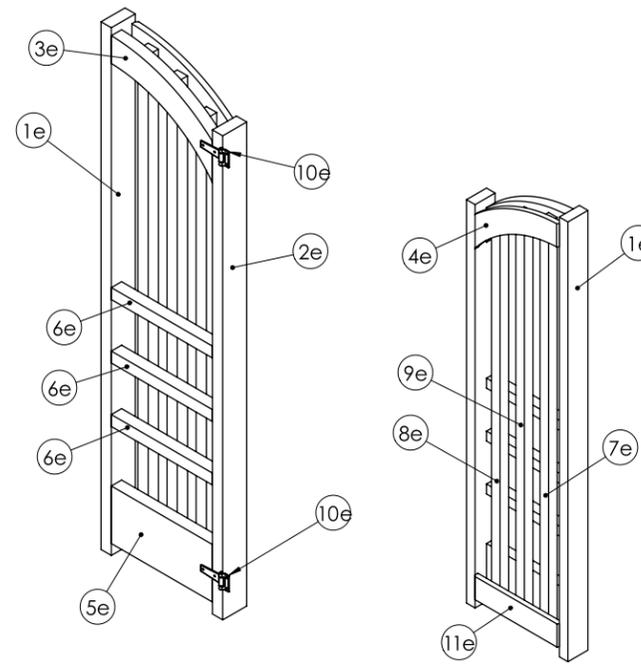
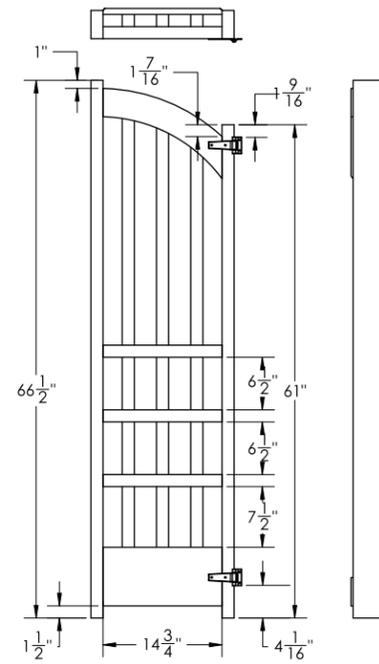
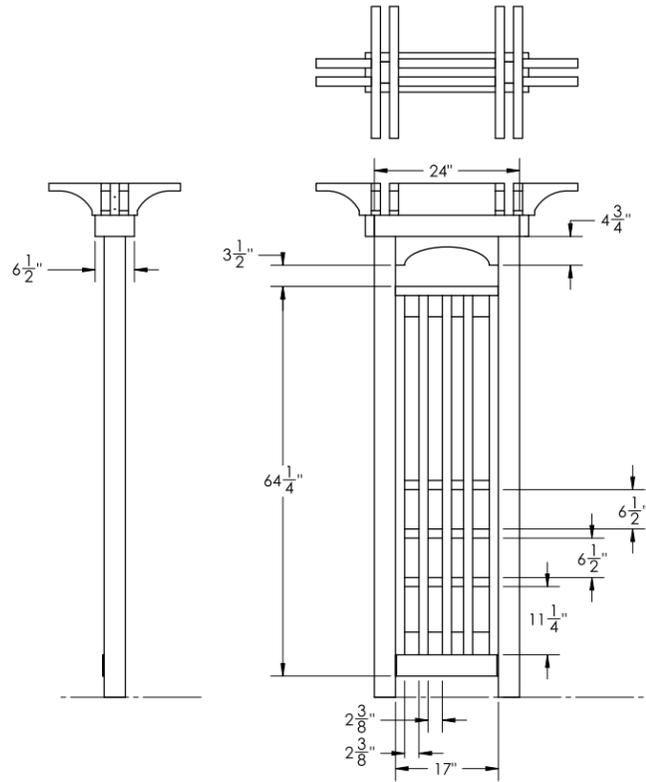


Item No.	Description	Material	Qty.
1b	Arch Rafters	2" x 8"	4
2b	Arch Splint	1" x 4"	4
3b	2" x 2" x 25 1/2" Spanners	2" x 2"	5



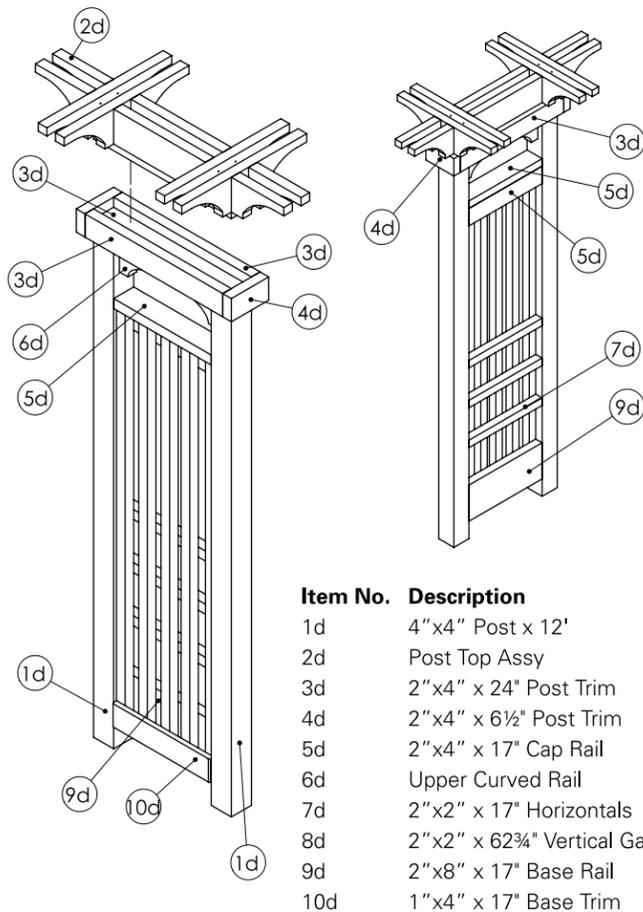
Item No.	Description	Material	Qty.
1c	2x6 x 16" Beam	2" x 6"	2
2c	Decorative Beam x 21 3/4"	2" x 6"	4
3c	Beam Tail	2" x 6"	4
4c	2" x 4" x 24" Post Trim	2" x 4"	1

# Gothic Arbor

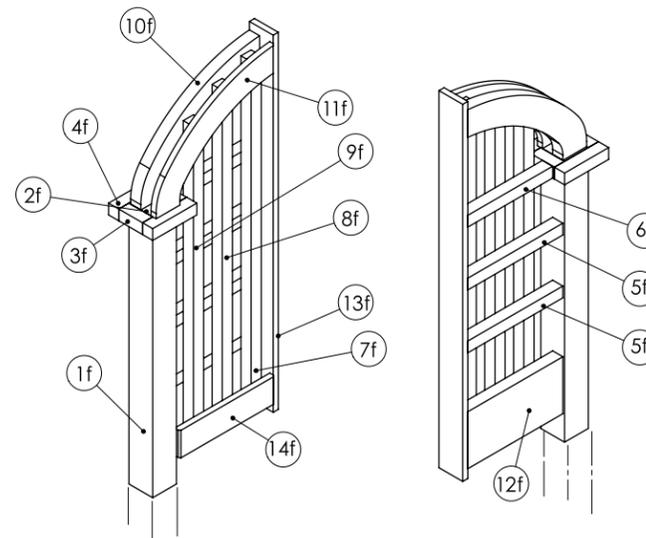
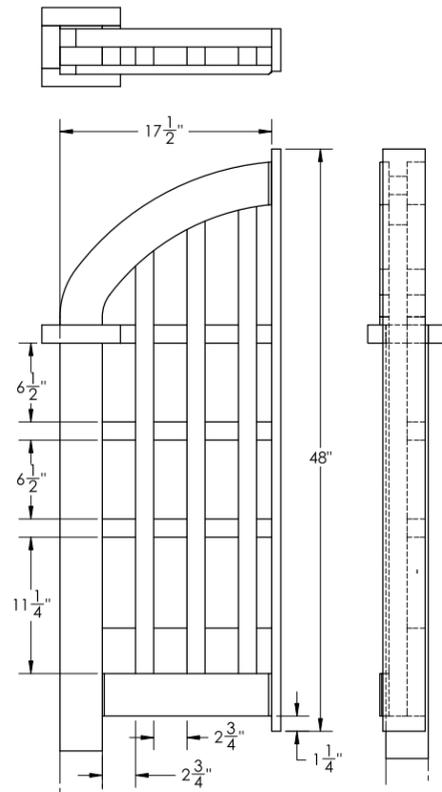


Item No.	Description	Material	Qty.
1e	2" x 4" x 66 1/2" Inner Rail	2" x 4"	1
2e	2" x 4" x 61" Outer Rail	2" x 4"	1
3e	Gate Arch (Wide)	2" x 8"	1
4e	Gate Arch (Narrow)	1" x 8"	1
5e	2x8 x 14 3/4" Base Block	2" x 8"	1
6e	2x3 x 14 3/4" Gate Horizontal Lattice	2" x 3"	3
7e	2x2 x 62 3/4" Gate Vertical Lattice	2" x 2"	1
8e	2x2 x 59" Vertical Gate Lattice	2" x 2"	1
9e	2x2 x 61 1/2" Vertical Gate Lattice	2" x 2"	1
10e	Gate Hinge		2
11e	1x4 x 14 3/4" Gate Base Trim	1" x 4"	1

NOTES:  
 1) LHS gate shown, for RHS flip components other direction  
 2) Bill of materials reflects the amount of materials for each gate sub assy.  
 (Half the gate for this project 2 gate halves are required.)



Item No.	Description	Material	Qty.
1d	4" x 4" Post x 12'	4" x 4"	2
2d	Post Top Assy	Diagram iii	1
3d	2" x 4" x 24" Post Trim	2" x 4"	3
4d	2" x 4" x 6 1/2" Post Trim	2" x 4"	2
5d	2" x 4" x 17" Cap Rail	2" x 4"	2
6d	Upper Curved Rail	2" x 6"	1
7d	2" x 2" x 17" Horizontals	2" x 2"	3
8d	2" x 2" x 62 3/4" Vertical Gate Lattice	2" x 2"	5
9d	2" x 8" x 17" Base Rail	2" x 8"	1
10d	1" x 4" x 17" Base Trim	1" x 4"	1



Item No.	Description	Material	Qty.
1f	4x4 x 8' Post	4" x 4"	1
2f	2" x 4" x 3 1/2" Cap	2" x 4"	1
3f	2" x 2" x 3 1/2" Wing Post Trim	2" x 2"	2
4f	2" x 2" x 6 1/2" Wing Post Trim	2" x 2"	2
5f	2" x 2" x 14" Wing Horizontals	2" x 2"	2
6f	2" x 2" x 12 1/2" Wing Horizontals	2" x 2"	1
7f	2" x 2" x 44 1/2" Wing Verticals	2" x 2"	1
8f	2" x 2" x 43" Wing Verticals	2" x 2"	1
9f	2" x 2" x 40 1/2" Wing Verticals	2" x 2"	1
10f	2" x 8" x Wing Arch	2" x 8"	1
11f	1" x 8" x Wing Arch	1" x 8"	1
12f	2" x 8" x 14" Wing Base Rail	2" x 8"	1
13f	1" x 4" x 48" Wing Mount Plate	1" x 4"	1
14f	1" x 4" x 14" Wing Base Trim	1" x 4"	1

NOTES:  
 1) right wing assy shown, for left hand flip arch other direction  
 2) bill of materials reflects the amount of materials for each wing sub assy.  
 For this project 2 wings are required.

This Gothic Flavored Arbor makes a handsome entrance to any yard, garden or surround it with hedges to make an entrance to your "Secret Garden Room". With the need of nothing more than a decent quality jigsaw you can build this arbor in your garage in a weekend or two.