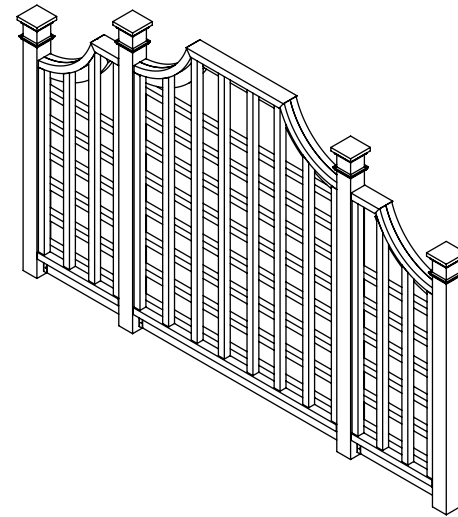


Classic Trellis

MATERIAL LIST

4	4x4x10' (for Free Standing Version) or 2-4x4x12 (for wall mount version)	brads or 2½" Spiral Galvanized Finish Nails)
24'	¾" Shingle Moulding (Red Cedar or Mahogany)	30 1¼" Galvanized roofing nails
1	1-5/4 x 6 x 6'	8 1/2" Sleeve Anchors or 3/8" Lag Screws, (1" Countersink). ~for wall mount installation only.
24	2x2x8'	8 bags of fast setting concrete ~ for free standing version
3	2x4x8'	
2	2x8x8'	<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>
6	Fence Clips	
1lb	1¼" spiral galvanized finish nails	<i>*Consider pre-finishing your Red Cedar Prior to assembly.</i>
1lb	3" Deck Screws (rated for red cedar)	
2lb	2¼" Deck Screws (rated for red cedar) (or 15 guage finishing	



INSTRUCTIONS

- Shop for, gather and organize your materials.
- Prefabricate from the material list and stack like parts together.
- Your first decision is whether this will be mounted to a wall or if it will be free standing. If Free standing layout and dig the 4' x 10" holes using a lever augur or power augur—or better still, hire someone that specializes in digging post holes.
- Mount the posts to the wall using lag screws countersunk beneath the surface of the post 1/2" OR Set the posts in the footings using concrete in the bottom half of the whole and soil or fine gravel in the top half. Set the outermost posts first, then by attaching a string line offset ½", 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.
- After allowing the posts to set for 24-48 hours fasten the fence clips using the 1¼" galvanized roofing nails. The clips should be 3" off the ground and level to one another.
- Cut and fit the base rails and rail caps. Fasten with 3" screws.
- Assemble the curved rail assembly as shown in Detail B. Leave the Rail Cap and Stub Rail roughly 3" long and trim to fit. Mount the curved rail assembly at heights illustrated and secure using 3" Deck screws. Countersink all screws.
- Trim a pencil to 1¼" length and mark the lengths of the verticals in place. Trim to size and fasten in place using a spacer block for speed and accuracy. Fasten with 2½" finishing nails or 2¼" deck screws.

- Measure horizontal pieces and trim to fit. Using a spacer block place and fasten to the vertical trellis members with finish nails or screws. Use the verticals spacer block also to ensure proper alignment.
- Trim the posts to illustrated heights then prefabricate and install the post caps and trims. Secure with 1¼" Galvanized Finish Nails.
- Give your project a coat of stain, fill any voids or holes with exterior putty then 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
- 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

Item No.	Description	Material	Qty.	Item No.	Description	Material	Qty.
1a	Short Fence Post	Sub Assy	2	4a	RHS Side Frame Assy	Diagram iv	1
	10' Fence Post	4"x4"	1		53" Verticals	2"x2"	2
	Post Cap	1"x6"	1		2"x2" x 60"	2"x2"	2
	Shingle Mold	3/4"x1/2"	8		20½" Horizontals	2"x2"	6
2a	Long Fence Post	See Sheet 4	2		Base Rail	2"x4"	1
	10' Fence Post	4"x4"	1		Side Rail Top Plate	2"x4"	1
	Post Cap	1"x6"	1		Curved Rail Base Cut from	2"x8"	1
	Shingle Mold	3/4"x1/2"	8		Curved Rail Trim Cut from	2"x8"	1
3a	LHS Side Frame Assy	Diagram iv	1		Top Rail Filler	2"x3" from 2"x8"	1
	53" Verticals	2"x2"	4		Offcuts		
	20½" Horizontals	2"x2"	6	5a	Centre Frame Assy	Diagram i & ii	1
	Base Rail	2"x2"	1		Bottom Rail x 51 1/2"	2"x4"	1
	Side Rail Top Plate	2"x2"	1		63" Verticals	2"x2"	4
	Curved Rail Base	Cut from 2"x8"	1		51½" Horizontals	2"x2"	10
	Curved Rail Trim	Cut from 2"x8"	1		60" Verticals	2"x2"	2
	Top Rail Filler	2"x3" from 2"x8"	1		Curved Rail Trim	Cut from 2"x8"	2
	Offcuts				Curved Rail Base	Cut from 2"x 8"	2
					Stub Rail	2"x3" cut from 2"x8"	1
					Rail Cap	2"x4"	1
				6a	Base Rail	2"x4"	2
				7a	Bottom Rail x 51½"	2"x4"	1
				8a	Fence Clip	Galvanized Steel	6

