Featuring lattice and screens, these doors are a sturdy and attractive complement to the shed itself. (For instructions to build the Garden Shed, see page 8 of the Fall 2005 issue of *The Wood Post*.) Lowe's is happy to bring this information as a service to you.

Lowe's Shopping List

Lumber*

- 5 (8-foot-long) 1 x 4s
- 1 (10-foot-long) 1 x 4
- 1 (8-foot-long) 1 x 6
- Exterior-grade wood glue
- 1 (48- x 96-inch) sheet privacy lattice

*Use lumber rated for outdoor use.

Hardware

- 1 (10-foot-long roll) of 36-inch-width, 1/4-inch pattern hardware cloth
- 1 (10-foot-long) roll of 24-inch-width, 1/4-inch pattern hardware cloth
- 1 box (1 1/4-inch) stainless steel painted trim nails
- 1 box (1 1/4-inch) pocket screws (coarse thread)
- 1 box (3/4-inch) wire brads
- 1 box (3/8-inch) stainless steel staples
- 6 (3-inch) broad loose pin galvanized hinges
- 1 (3 1/2-inch) swivel staple safety hasp
- 2 (3-inch) barrel bolts

Tool List

- Table saw
- Miter saw
- Pocket hole jig
- Power drill
- Framing square
- Tape measure
- Hammer
- Nail set

Cut List

Wide Door

Part	Material	Size (in inches)	Quantity
End rail	(8-foot-long) 1 x 6	5 1/2 x 25 1/2	2
Center rail	(10-foot-long) 1 x 4	3 1/2 x 25 1/2	1
Stile	(8-foot-long) 1 x 4	1 1/2 x 73	2
Lattice panel	Lattice	27 x 63 1/2	1
Stile trim	(8-foot-long) 1 x 4	1 1/2 x 65*	2
Rail trim	(8-foot-long) 1 x 4	1 1/2 x 28 1/2*	2
Screen panel	(36-inch-wide) hardware cloth	28 1/8 x 64 1/4	1

*Long point to long point, miter to fit. Rabbeted edge is on the inside of trim.

Narrow Door

Part	Material	Size (in inches)	Quantity
End rail	(8-foot-long) 1 x 6	5 1/2 x 9 3/4	2
Center rail	(8-foot-long) 1 x 4	3 1/2 x 9 3/4	1
Stile	(8-foot-long) 1 x 4	1 1/2 x 73	2
Lattice panel	Lattice	11 1/4 x 63 1/2	1
Stile trim	(8-foot-long) 1 x 4	1 1/2 x 65*	2
Rail trim	(8-foot-long) 1 x 4	1 1/2 x 12 3/4*	2
Screen panel	(24-inch-wide) hardware cloth	12 3/4 x 64 1/4	1

*Long point to long point, miter to fit. Rabbeted edge is on the inside of trim.

How-To Instructions:

General: Set all nails and remove excess glue from exposed wood surfaces. Pre-cut the rails and stiles.

Step 1: Construct the door frames (See Figure 1). Use 1 1/4-inch pocket screws and glue to attach the rails flush with the end of each stile and with the center rail centered on each stile. Check for square.

Step 2: Attach the lattice panels. Center them on the inside opening of each door frame and attach with 3/4-inch wire brads.

Step 3: Cut and attach the lattice trim. Use a table saw to cut 1/4-inch deep by 3/4-inch wide rabbet along the back face of the trim stock; this will be the inside edge of the piece. Place the stile and rail trim over the edges of the lattice panel (with the rabbeted side down); cover the lattice edges. Miter the corners and attach with 1 1/4-inch trim nails and glue.

Step 4: Attach the screen panels. Center the screen panel on the inside opening of the back side of each door and frame and attach with 3/8-inch staples.

Step 5: Attach the doors to the shed and attach the swivel hasp and barrel bolts to the door.

a. Mount the hinges on each door. Place one hinge 6 inches down from the top and

another one 6 inches up from the bottom. Center the third hinge on the door frame. Attach the doors to the shed assembly with the bottom edges flush.

b. Mount the swivel hasp across the inside stiles at the height of the center rail as shown.

c. Mount the barrel bolts across the inside stiles at the top and bottom of the doors.