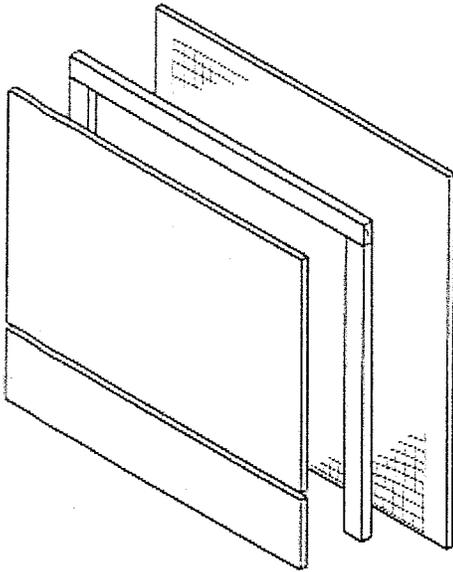




## Bat House Project

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### SMALL ECONOMY BAT HOUSE



#### Materials Needed (makes 1)

1/4 sheet (2' x 4') 1/2" AC, BC, or T1-11 (outdoor grade) plywood. **DO NOT use pressure treated wood.**

One piece 1" x 2" (3/4" x 1 1/2" finished) x 8' pine (furring strip)

20-30 1 1/4" coated deck or exterior-grade Phillips screws

One pint dark, water-based stain, exterior-grade

One pint water-based primer, exterior-grade

One quart flat water-based paint or stain, exterior-grade

One tube paintable latex caulk

1" x 3" x 28" board for roof (optional, but highly recommended)

Black asphalt shingles or galvanized metal (optional)

6-10 7/8" roofing nails (optional)

#### Recommended Tools

Table saw or handsaw

Caulking gun

Variable speed reversing drill

Paintbrushes

Phillips bit for drill

Tape measure or yardstick

Scissors (optional)

Staple gun (optional)

#### Construction Procedure

1. Measure and cut plywood into three pieces:

26 1/2" x 24"

16 1/2" x 24"

5" x 24"

2. Roughen inside of backboard and landing area by cutting horizontal grooves with sharp object or saw. Space grooves about 1/2" apart, cutting 1/16" to 1/32" deep.

3. Apply two coats of dark, water-based stain to interior surfaces. Do not use paint, as it will fill grooves, making them unusable.

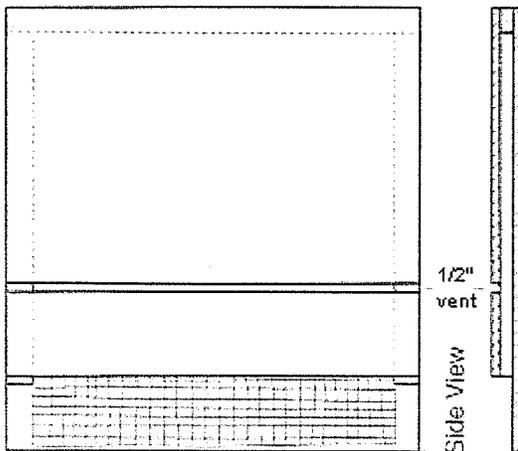
4. Measure and cut furring into one 24" and two 20 1/4" pieces.

5. Attach furring strips to back, caulking first. Start with 24" piece at top. Roosting chamber will be 3/4" wide (front to back).

6. Attach front to furring strips, top piece first (don't forget to caulk). Leave 1/2" vent space between top and bottom front pieces.

7. Caulk around all outside joints to further seal roosting chamber.

8. Attach a 1" x 3" x 28" board to the top as a roof, if desired (optional, but highly recommended).



Landing Area

1/2"  
vent

Side View