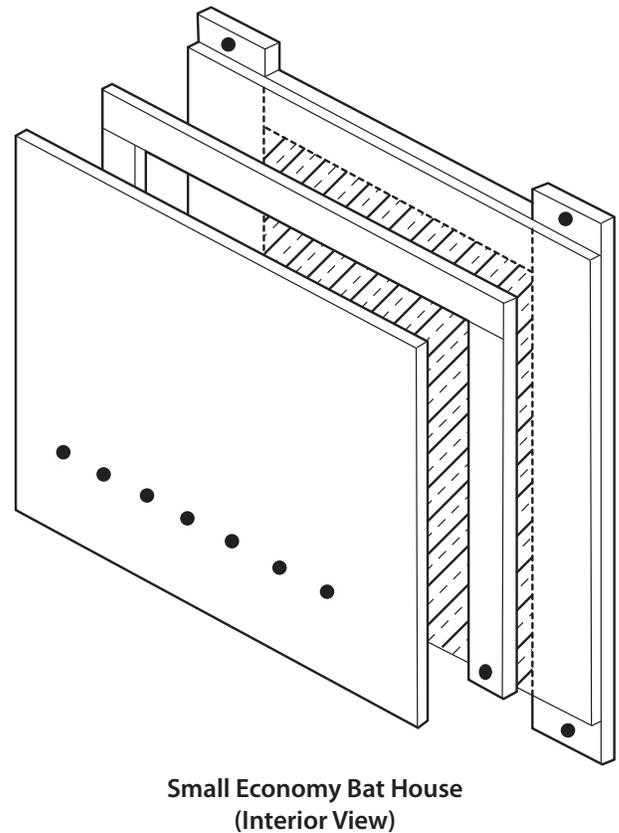
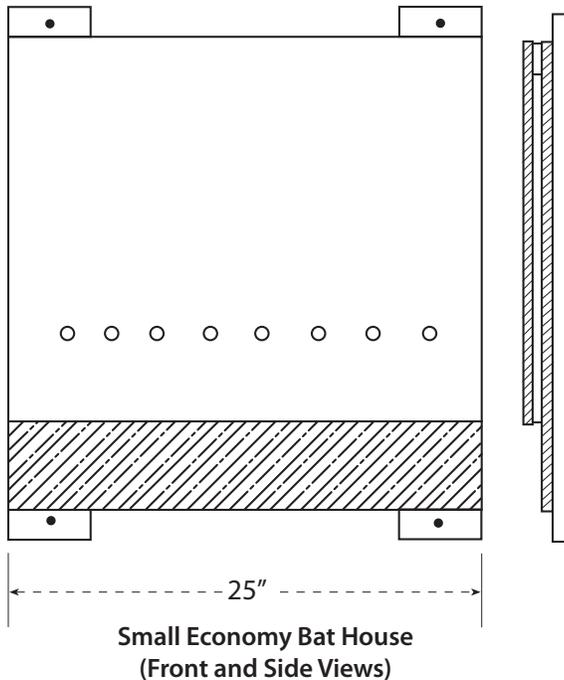


## Economy Bat Houses



### Small Economy Bat House

#### Materials (makes one)

- 1/4 sheet of 1/2" exterior plywood
- 1 - 1 x 2 x 8' fir board (furring strip)
- 1 - 1 x 4 x 8' cedar board (mounting board)
- 25 - 1 1/4" outdoor wood screws
- 1 pint of latex paint

#### Construction Procedure

- Cut plywood into two pieces: 26 1/2" x 24" and 21 1/2" x 24"
- Cut furring strip into one 24" and two 20 1/4" pieces
- Cut cedar board into one 17" and two 30" pieces
- Screw back to furring. Start with the 24" piece on top
- Roughen all sides of plywood, including the back but not the front exterior, with a claw hammer or other tool. Remove any splintered wood
- Screw front to furring, top piece first
- Attach cedar mounting boards to back with screws entering through plywood and furring
- Paint with dark exterior latex paint at least twice. If necessary, roughen landing area below front sheet again.
- Caulk all seams that aren't tight with paintable silicone caulk

### Large Economy Bat House

#### Materials (makes one)

- 1/2 sheet (2' x 8') of 1/2" exterior plywood
- 1 - 1 x 2 x 8' fir board (furring strip)
- 1 - 1 x 4 x 8' cedar board (mounting board)
- 40 - 1 1/4" outdoor wood screws
- 1 pint of latex paint

#### Construction Procedure

- Cut plywood into two pieces: 51" x 24" and 45" x 24"
- Cut furring strip into one 17" and two 43 3/4" pieces
- Cut cedar board into one 24" and two 58" pieces
- Follow steps 4-9 for the Small Economy Bat House

### Optional Modifications to Economy Bat Houses

- In hot climates, drill 8 to 10, 1/2" holes in the front of the box approximately 5" up from the bottom. Vent holes may not be necessary in cooler climates.
- Attach a 1 x 4 board to the top as a roof (recommended).
- Attach a 1 x 4 board in back of the box at the top in between the two furring strips to create a chamber.
- Two bat boxes can be placed back-to-back and mounted on a pole. Build two houses the same size. Drill 4 - 3/4" holes on the back of each to permit movement of bats between the houses. The holes should be about 10" from the bottom edge of the back piece.

