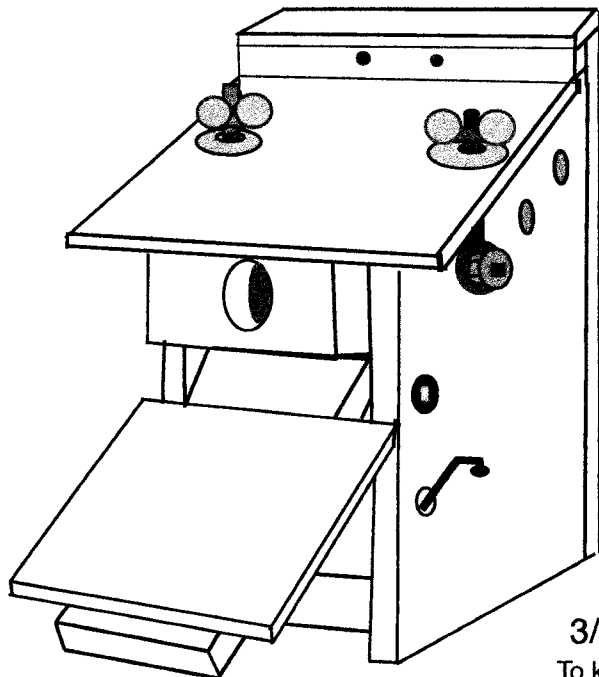


Snell / Potter Top & Front Opening Bluebird Nest Box Updated Design 2020

No tools are needed to inspect or clean-out nest box. Back off wing nuts and slip eye bolt off screws. Put nails in slanted holes. For a more secure nest box use screws in place off nails.



Parts are not to scale. Suggestions: Build one nest box first. Use a jig to hold parts in place. Use deck screws except two #10 screws and nails for the roof cap.

Catch

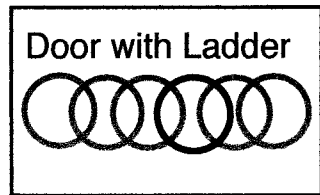
3/4" * 1 1/4" * 10"

Screwed to the Back to allow roof to slide up and under.

Roof Cap

3/4" * 1 3/4" * 10"

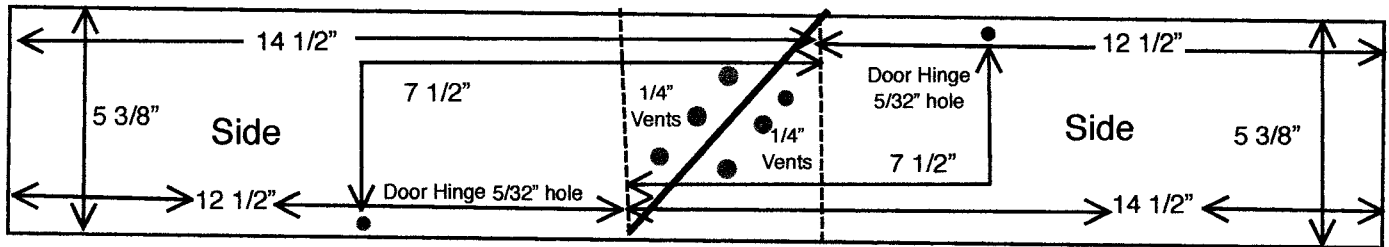
To keep rain from rotting top of back and catch.



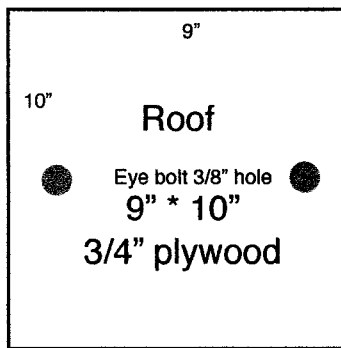
Door with Ladder

3/4" * 5 1/2" * 8"

Use a hole saw to make a 1/16" deep ladder for birds egress. Attach door with ladder inside. Put one inch of door under entrance hole piece. The Door Hinge is drilled already with 5/32" hole (see Side diagram). Next line up the door, clamp and drill through 5/32 hole with a 3/32" bit into door. Use 2-2" screws to act as hinges.



Cut along solid line to have two roof pitches the same. Dotted lines are to measure to. To find the spot for clean-out door hinge hole, measure from long side to 7 1/2" Then square across the side and drill a 5/32" hole 3/8" from edge. Clean-out door has two nails placed in a hole that protrudes into the door on a slant. If a problem with people opening the Clean-out door is evident, then use screws.



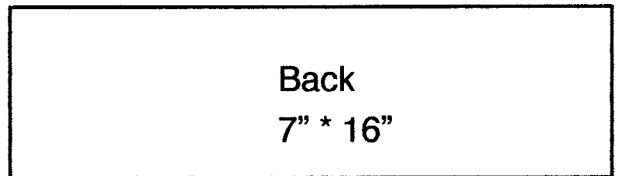
Roof

3/4" plywood

Hardware needed for Roof:

- 2- eye bolts 1/4 * 3"
- 4-washers - 2- 1/4 & 2- 3/8"
- 2- 1 1/4" #10 pan head screws.
- 2- 1/4" wing nuts.

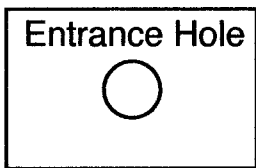
Washers go on top bolts. Large washers next to the wood and small washers on next then nuts. Watch that screws don't poke through into nest box.



Back

7" * 16"

To secure back to sides use six 2" screws. And one 2" screw back/floor. Drill holes with counter sink bit to keep from wood splitting. Drill holes in back for mounting: one under catch and one above or below floor. Use a long screw bit.

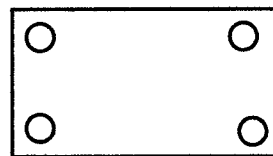


Entrance Hole

3/4" * 5" * 7"

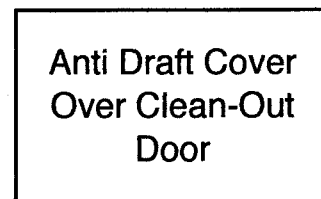
Make two Entrance Hole parts to make hole thicker. This will be a deterrent for predators that reach in.

Make two



1 1/2" * 4 1/2" * 5 1/2"

The 2X6 thick floor is the anchor of this nest box. Place floor 1/2" from bottom of back and sides. Drill 1/2" drainage holes.



Anti Draft Cover Over Clean-Out Door

1/4" * 7" * 5"

Bluebirds do not like a drafty nest. This part covers the space along side of door.