

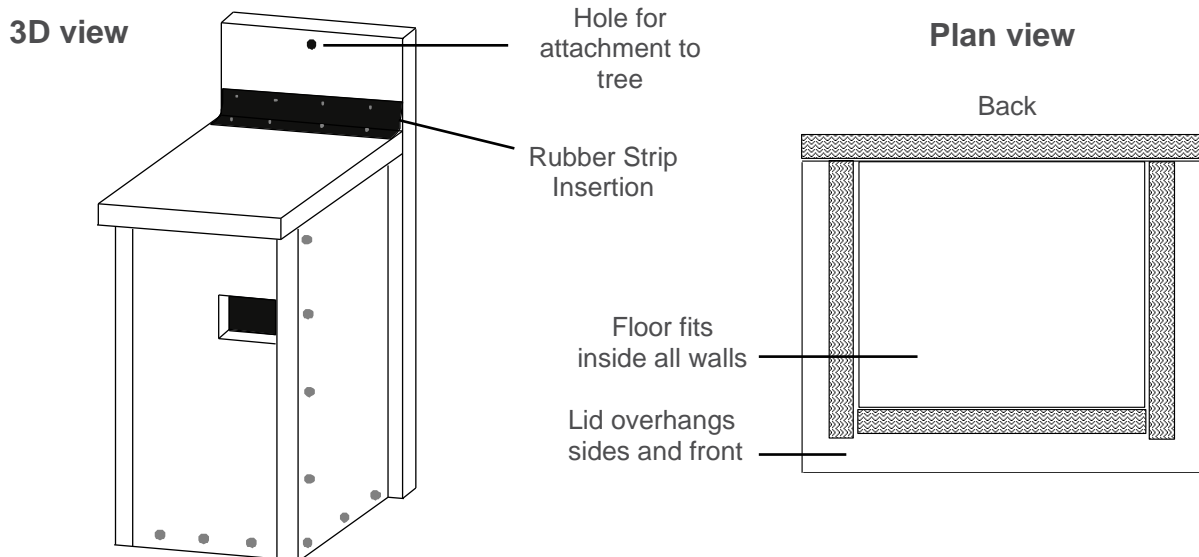
Nestbox 1 Design

Suitable for Brushtail Possum *Trichosurus vulpecula*

Notes: Because of its size, this nestbox is best constructed from sheets of weatherproof plywood. The floor is positioned **inside** all walls to minimise water entry through joins.

Materials required

- 17 mm Structural Ply Flooring - sheet approx 1200 x 1000 mm
- Tape measure and pencil
- Galvanised Countersunk Screws; 8 gauge x 40 mm – approx 40
- Brass screws – 6 gauge x 16 mm – approx 20
- Rubber Strip Insertion – 50 mm x 350 mm
- Galvanized Metal Strap 150 mm x 20-25 mm
- Electric or Cordless drill with 4.36 mm and 2.78 mm Drill Bits and Phillips head and Slot head Drivers



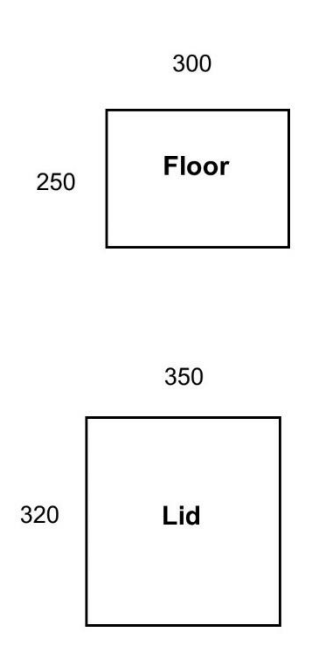
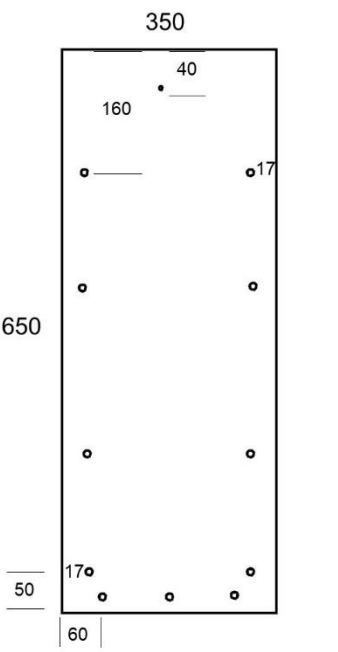
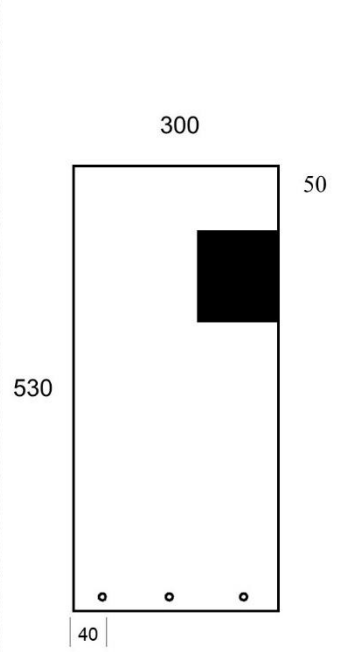
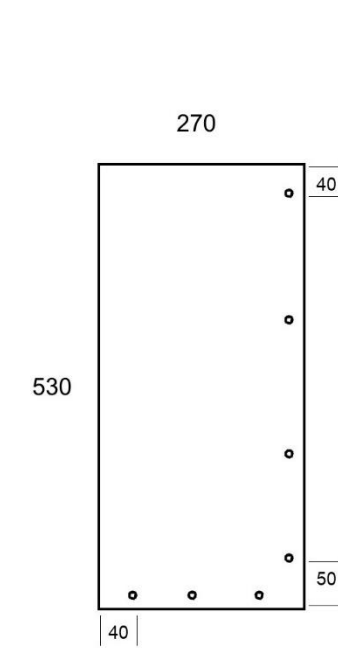
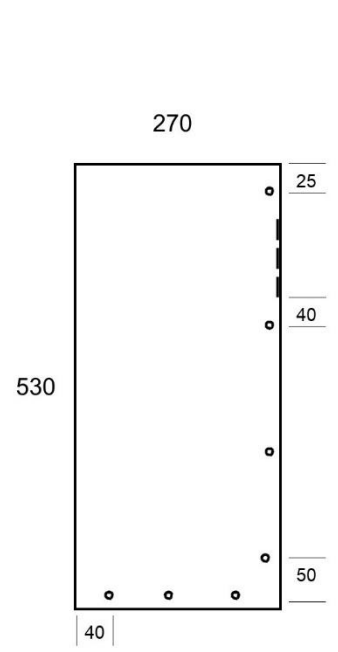
Instructions

1. Cut ply to specified dimensions as shown on templates.
2. Drill holes through back, front and sides using 4.36 mm drill bit as shown on templates. Note that all holes are recessed 10 mm from edges except where specified. (You may like to mark positions with a pencil first)
3. Use long (40 mm) screws to assemble the box. It is suggested that the floor is first attached to back, then sides and front added. Place one screw in each side until you are sure the box is square. Note that the floor goes **inside** all walls.
4. Overlap Strip Insertion on back edge of lid by 20mm. Pre-drill **short** holes using the 2.78 mm drill bit through the strip insertion and a short distance into the lid.
5. Attach Strip Insertion to back edge of lid using 4 short brass screws. Take care not to drill screw heads through Strip Insertion.
6. Use brass screws to attach strap/lid to back so that lid fits closely on top of box.
7. Use short screws to attach the galvanized metal strap to the back of the box so that half its length protrudes below the box.
8. Drill a hole in the centre of the metal plate and the backboard for attachment to tree.

Nestbox 1 Template

Suitable for Brushtail Possum *Trichosurus vulpecula*

Notes Because of its large size, this box is best constructed from weatherproof plywood. You will need a sheet approx 1200 x 1000 mm.

| Floor/Lid | Back | Front | Side A | Side B |
|---|---|---|--|---|
|  <p>The Floor template is a rectangle with a width of 300 mm and a height of 250 mm. The Lid template is a rectangle with a width of 350 mm and a height of 320 mm.</p> |  <p>The Back panel is a rectangle with a width of 350 mm and a height of 650 mm. It features a 40 mm wide notch at the top center. There are two rows of three circular holes each, positioned 160 mm from the top edge and 170 mm from the bottom edge. The holes are 170 mm apart horizontally. The bottom edge is 60 mm from the left and right sides.</p> |  <p>The Front panel is a rectangle with a width of 300 mm and a height of 530 mm. It features a 100 mm x 100 mm square hole cut out at the top right, with the top edge of the hole 50 mm from the top edge of the panel. There are three circular holes along the bottom edge, 40 mm from the left and right sides.</p> |  <p>The Side A panel is a rectangle with a width of 270 mm and a height of 530 mm. It features a 40 mm wide notch at the top right. There are three circular holes along the right edge, 40 mm from the top and bottom edges. There are three circular holes along the bottom edge, 40 mm from the left and right sides.</p> |  <p>The Side B panel is a rectangle with a width of 270 mm and a height of 530 mm. It features a 25 mm wide notch at the top right. There are three circular holes along the right edge, 25 mm from the top edge and 40 mm from the bottom edge. There are three circular holes along the bottom edge, 40 mm from the left and right sides.</p> |
| <p>Back is the longer dimension. Floor is fixed inside all walls.</p> | <p>Unless specified, all holes are 10 mm from edge.</p> | <p>Cut out 100 x 100 hole at 50 mm from top. Unless specified, all holes are 10 mm from edge.</p> | <p>Unless specified, all holes are 10 mm from edge.</p> | <p>Unless specified, all holes are 10 mm from edge.</p> |