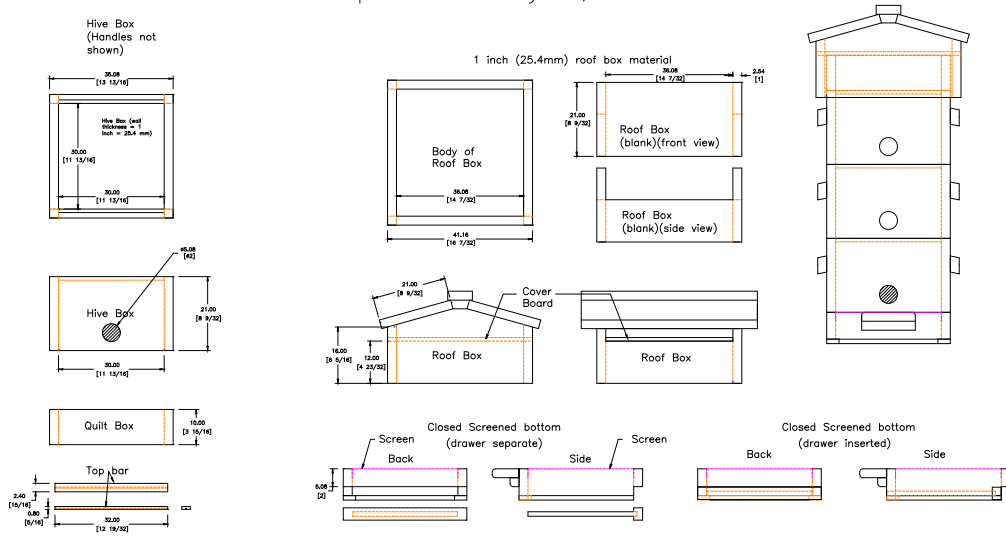


A Warré Hive with closed screened bottom, as drawn by Bill Wood  
 Updated: February 25, 2009



**LEGEND:**

Hidden Lines – dashed and/or orange  
 Screen – magenta

All materials: 1 inch (2.54 cm) thick (soft wood) lumber except:

- 1) Bottom (drawer) shown as 0.5 inch / 1.27 cm
- 2) Bottom (drawer) supports shown as 3/8 inch / 1 cm
- 3) Screen is #8 / 3mm mesh (copper is bee-friendly)
- 4) 2 inch diameter wooden barrel bungs / plugs
- 5) Top Bars
- 6) Fasteners, preferably non-ferrous.  
 (Aluminum, copper, bronze nails and wood dowels are options)

Warré's hive comprises tiers of identical boxes fitted with top-bars, but no frames.

Hive-body box internal dimensions 300 x 300 x 210 mm, with projecting handles, lighting board, coarse weave cloth covering the top-bars of the top box, 100mm high 'quilt', boxed with wood and filled with straw, sawdust, wood shavings etc., retained with a cloth, gabled roof containing a ventilated 'loft' and separated from the quilt by a mouse-proof board.

Eight 24 mm x 8 mm x 320 mm top bars set in 10 mm x 10 mm rebates/rabbets in each box with spacing at 36 mm centers and each having a 2 mm x 2 mm groove down the middle of the underside for a wax starter

SHOWN: Optional closed screened bottom with woven copper mesh with 8 wires to the inch (#8 mesh or 3 mm mesh).

SHOWN: A surface-mount landing board below a 2" (50 mm) diameter entrance.

NOT SHOWN:

- 1) Original Warré hive bottom
- 2) Handles shown on assembled view only

Entrance holes in all upper boxes are plugged with standard 2 inch wooden barrel bungs/plugs. For wintering, a bung with a small hole(s) bored in it can be set into the hive entrance to protect the colony from mice, etc.

The bottom of the hive doubles as a drawer, which may be used alone for inspection, or may hold a "sticky board" for checking on fallen mites. It is shown as being 0.5 inch (1.25 mm) thick. As this is not thick enough to support the Warré concept, the entire hive should rest on a solid wood surface to provide enough insulating bottom material.