

Plans for building the
“Aussie INPA”
square modular box
for
Australian Native Bees



Drawn by

ROBIAN **E**VACUATION **P**LANS
robian@ncable.net.au

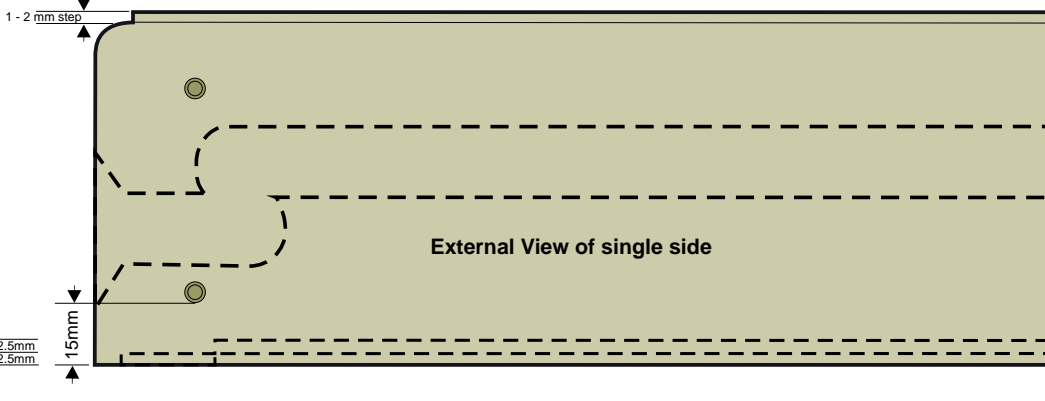
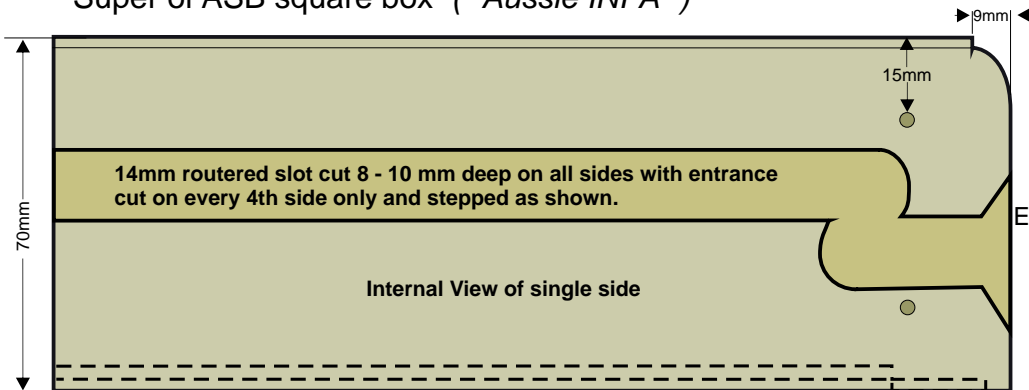
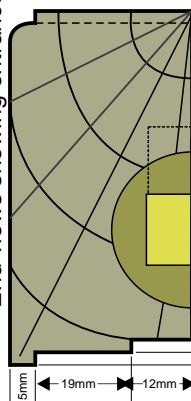
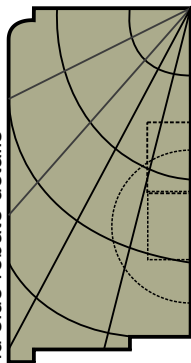
for
Bob the Beeman

Printing Instructions:

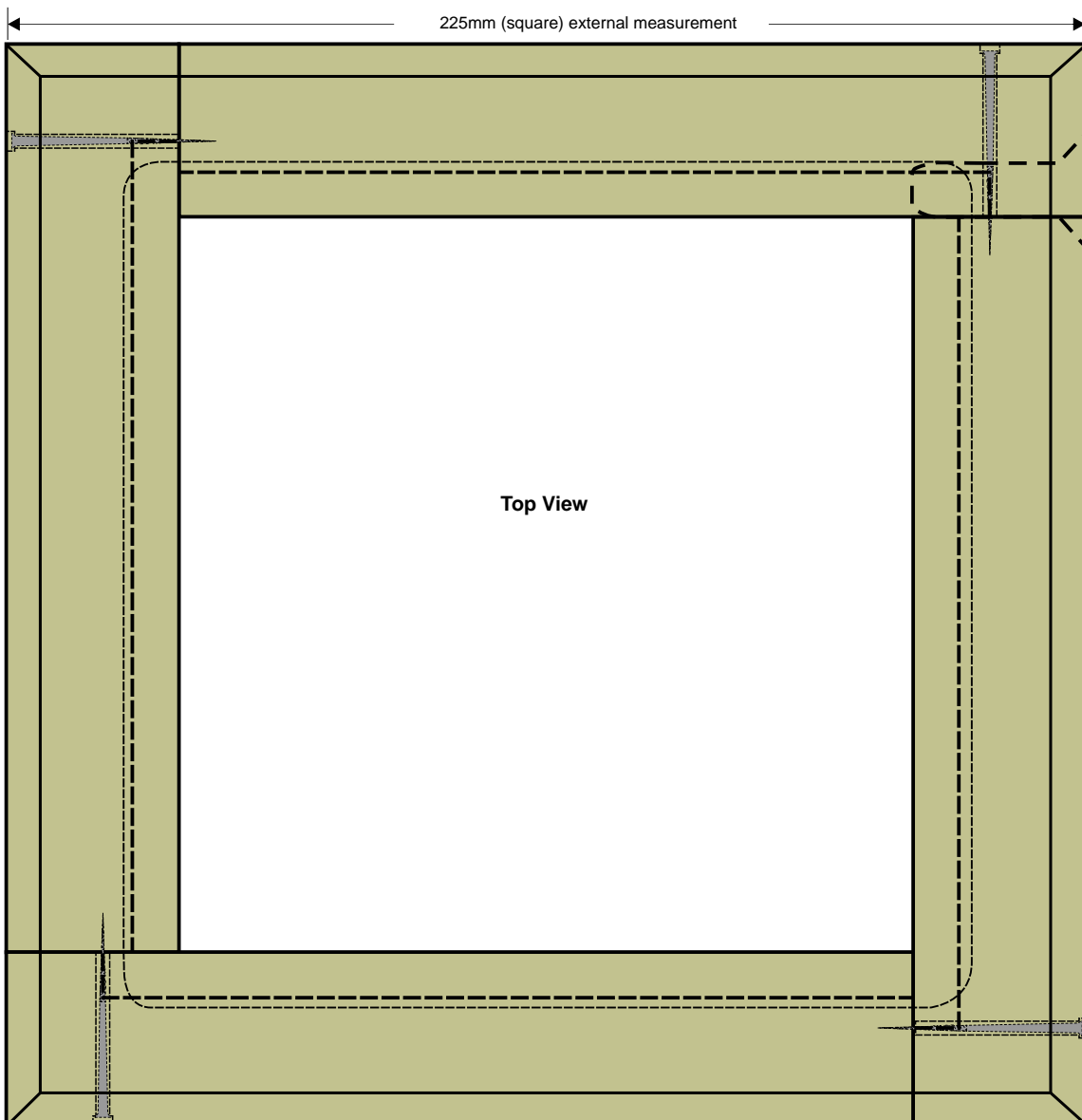
Pages 1-9 should be printed on A4 paper and contain all required details
Pages 10-13 are optional and are sized to print on A3 for 1:1 scale Plans

Super of ASB square box ("Aussie INPA")

End views showing entrance and side rebate details

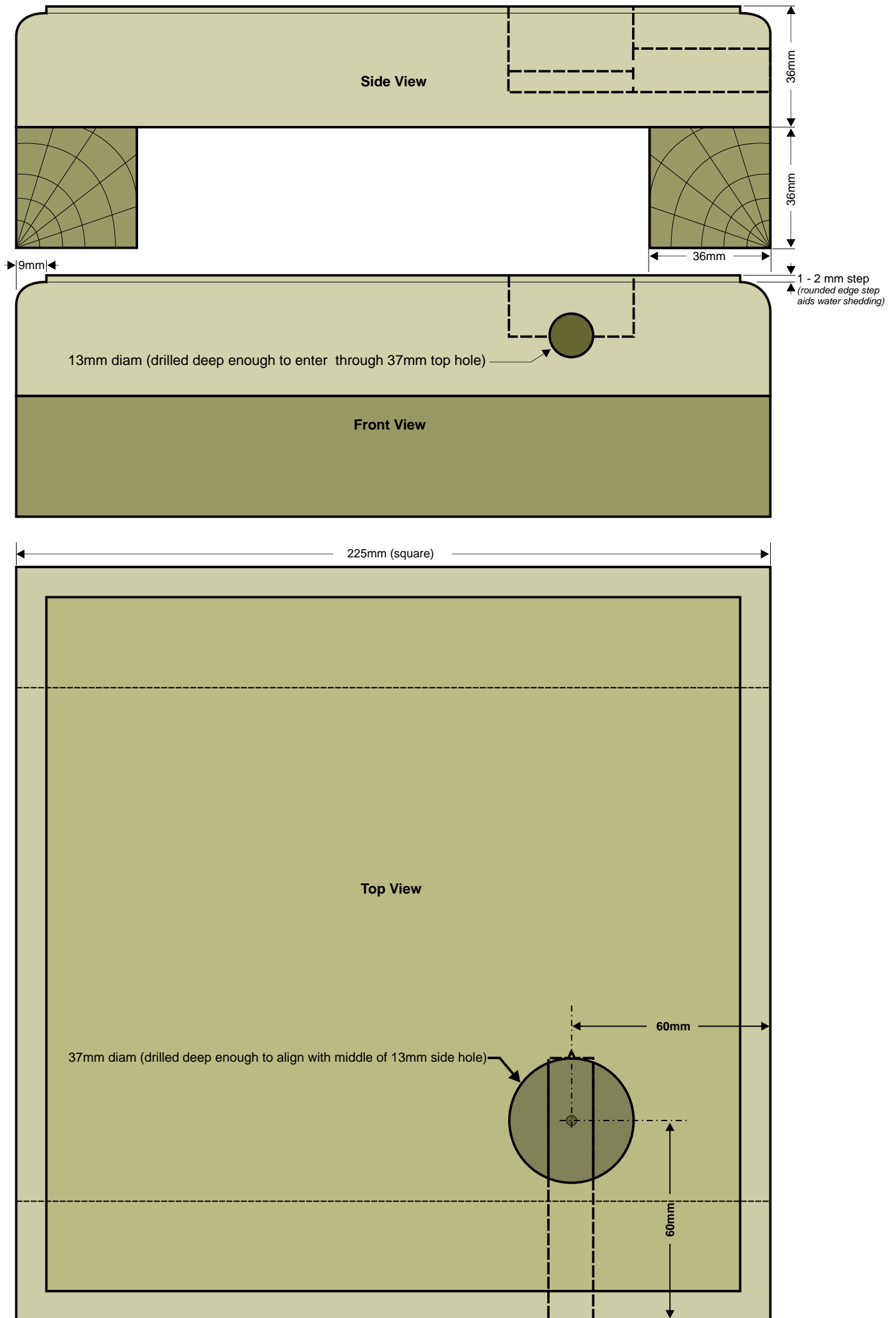


ENTRANCE
(Opening countersunk to 30mm diam)



Pre-drilled and countersunk (2mm) screw holes

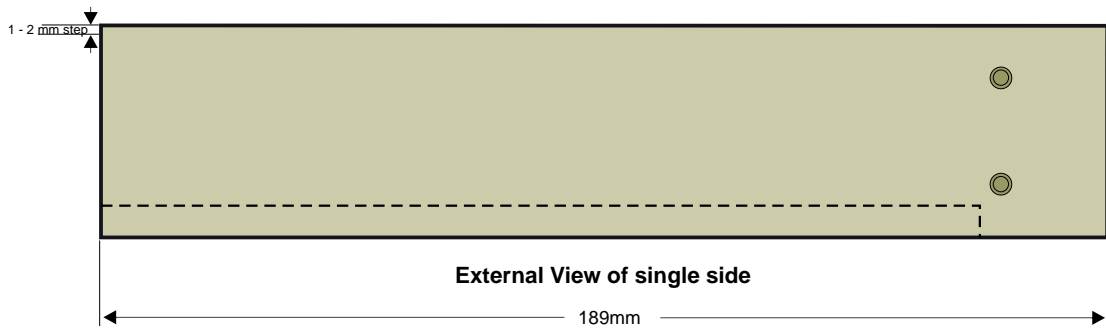
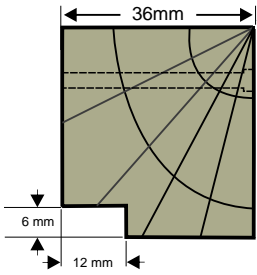
Baseboard of ASB square box hive ("Aussie INPA")



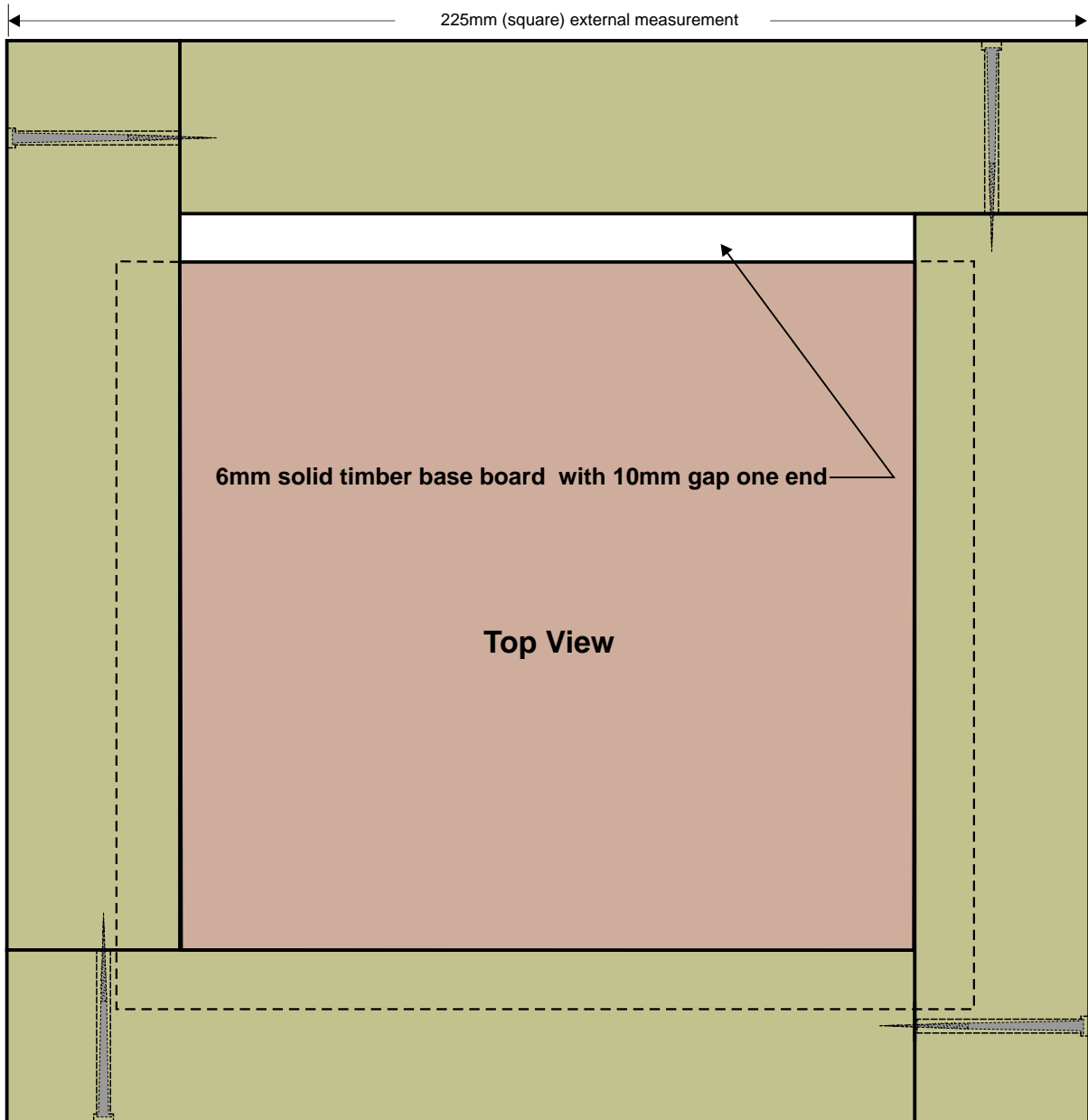


Internal View of single side

End view of side

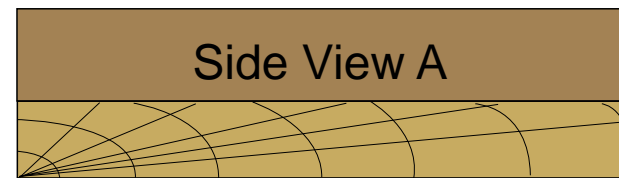
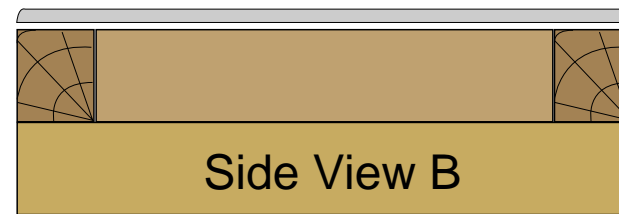
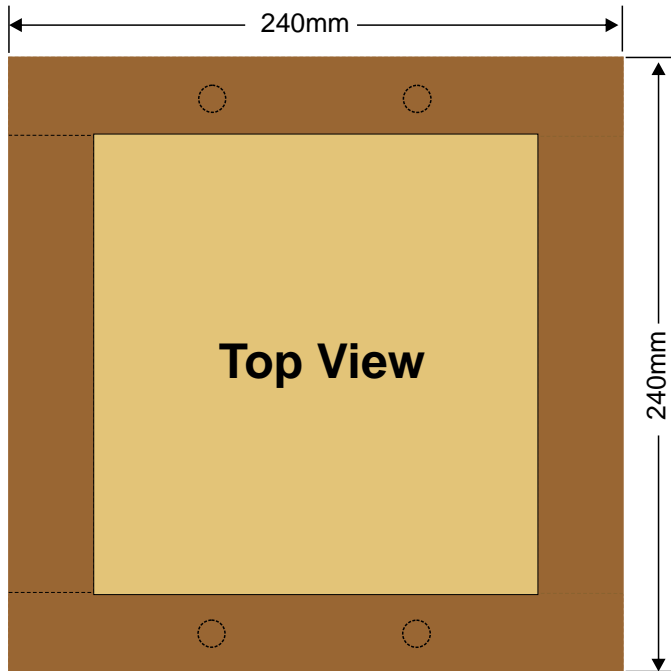
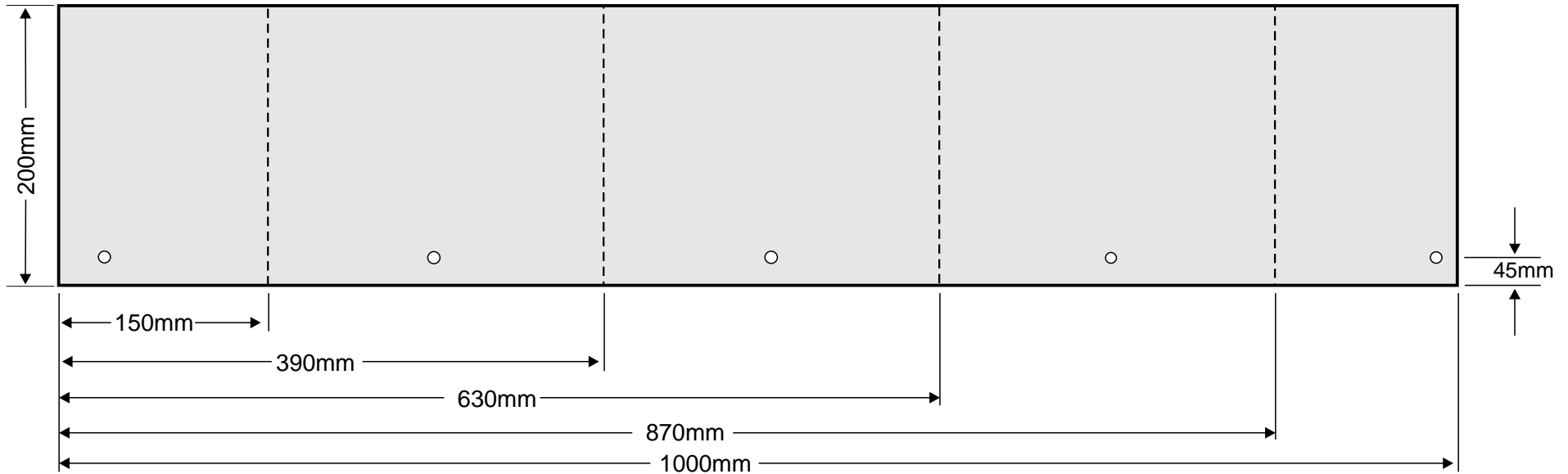


External View of single side



Cover of ASB square box hive ("Aussie INPA")

0.6mm Aluminium sheet 1000mm x 200 mm folded where shown on dotted lines to make "shroud"



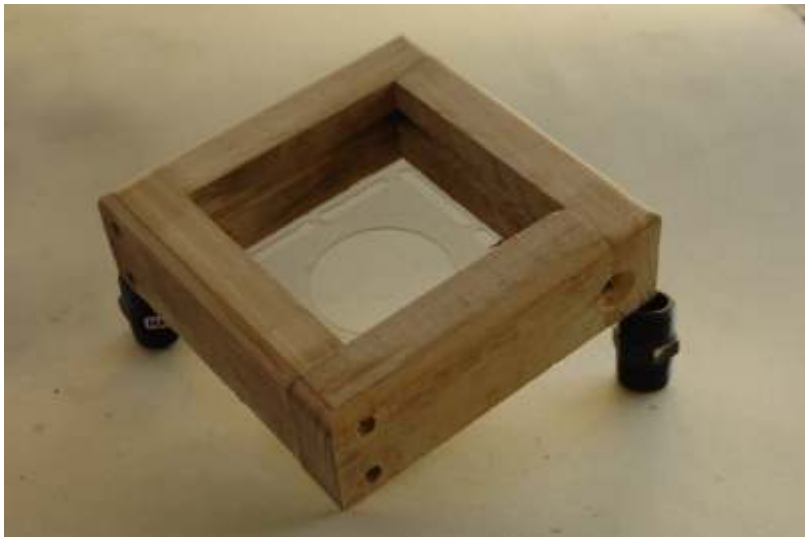
← 240mm square ceramic tile or a cut down 250mm tile

NOTE: 250mm tile may be used "as is" with a 5mm overhang on each side. Then run a strip of silicone all the way around underneath

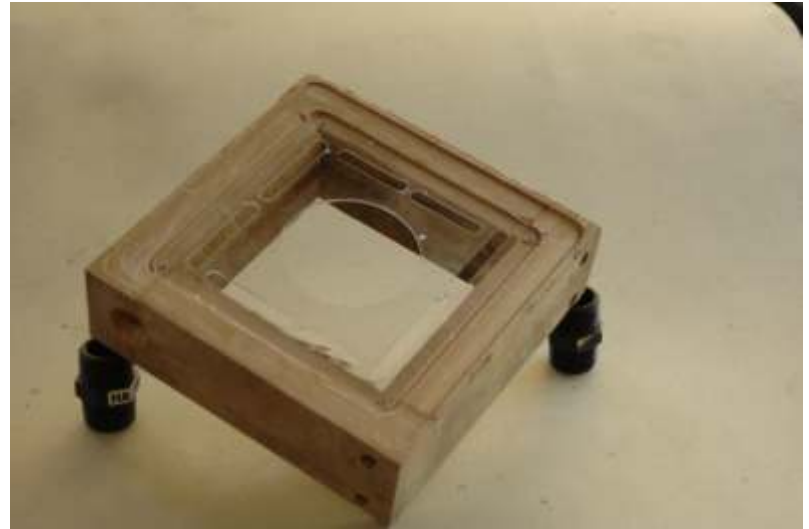
THIS PAGE IS NOT TO SCALE

NOTE: the 240mm x 30mm x 36mm cleats are screwed and glued ACROSS the grain of the to straighten bent timber and prevent further cupping. Screws and pre-drilled holes outlines are not shown on side views to aid in clarity

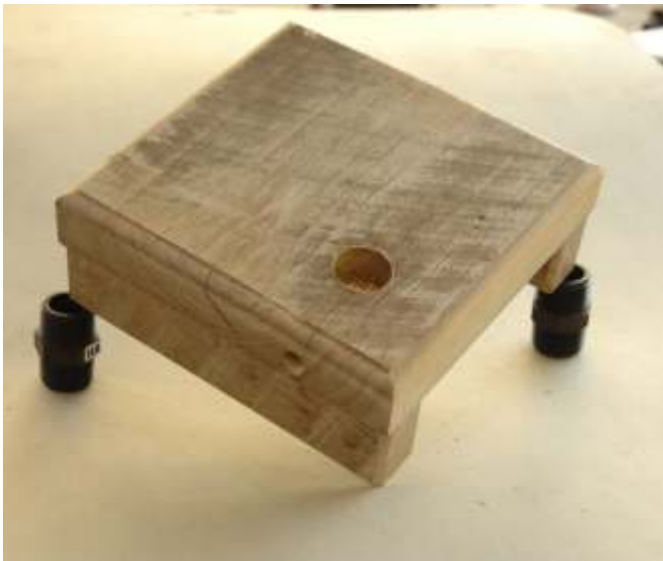




Top View of Super



Bottom View of Super



Baseboard



Internal view of side showing routed entrance

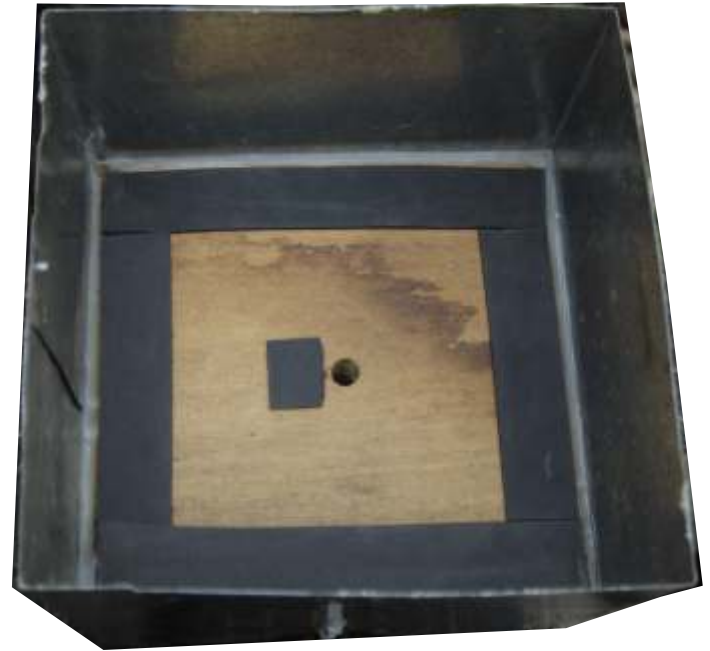


Assembled Box with Lid

Top View of Cover before gluing tile and filling with Foam



Underside of Cover showing light seals and foam release hole

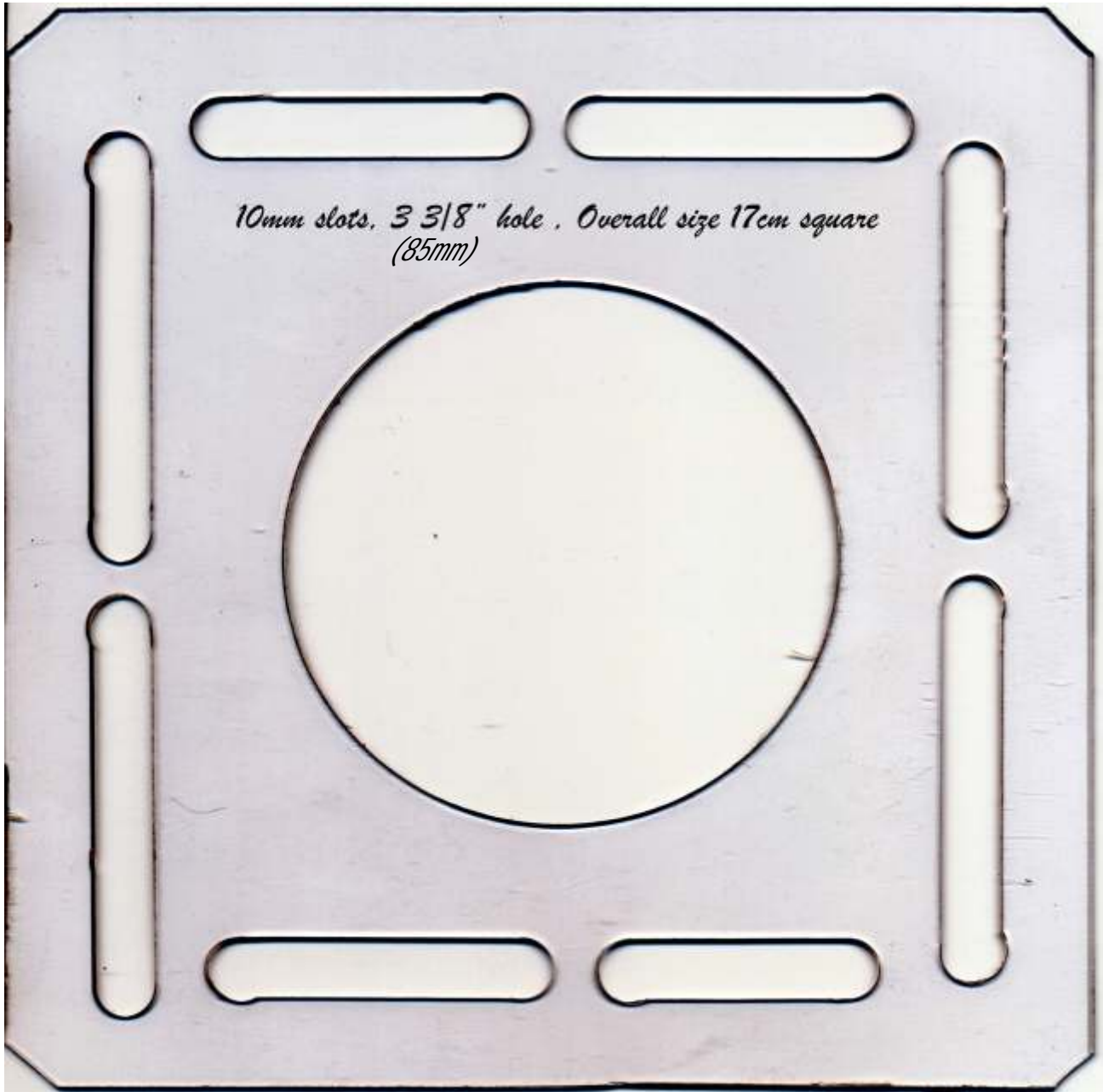


Honey Supers



Upper Separator (fixed)

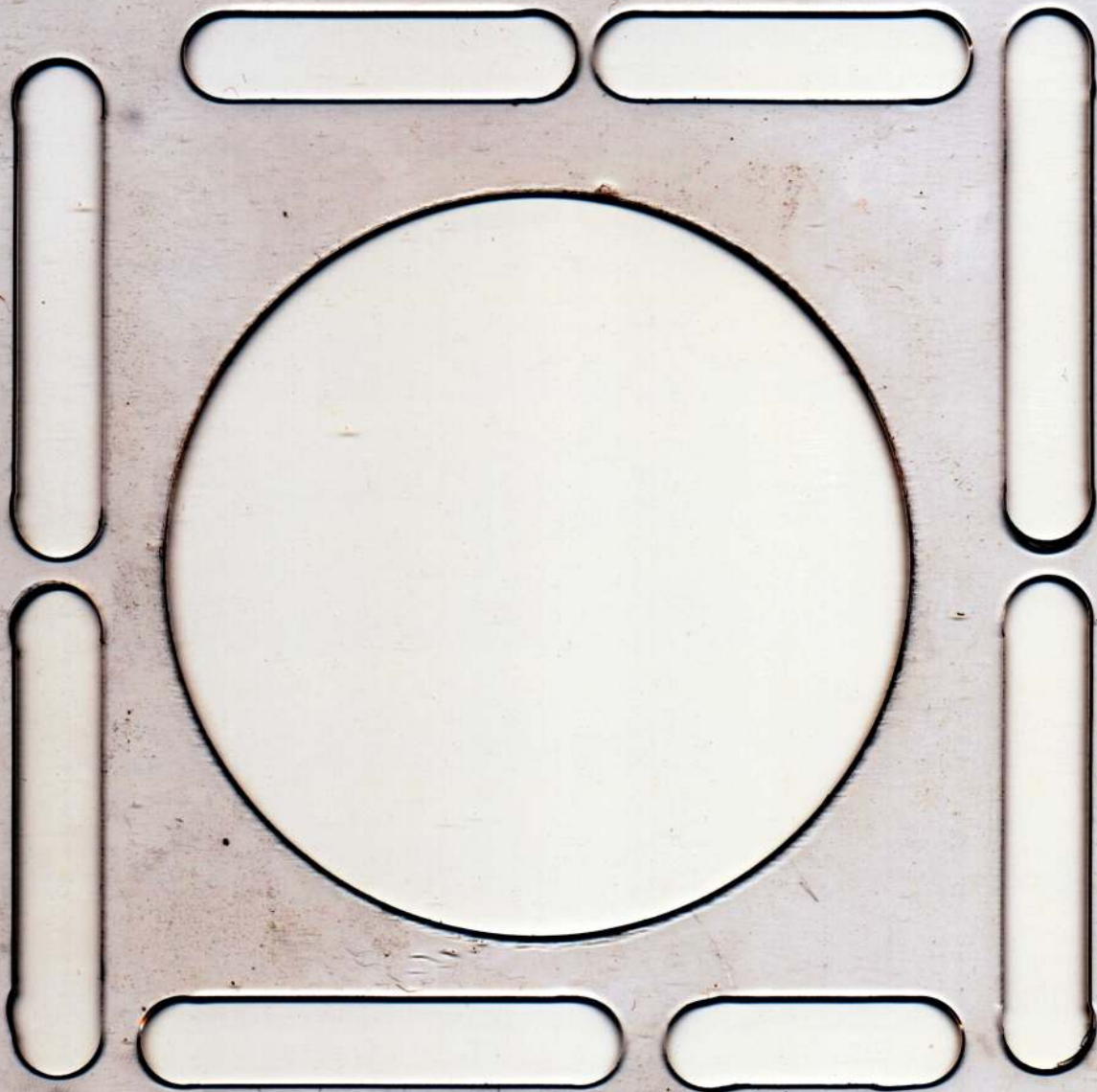
This scan is actual size so it can be used as a template when making separators.



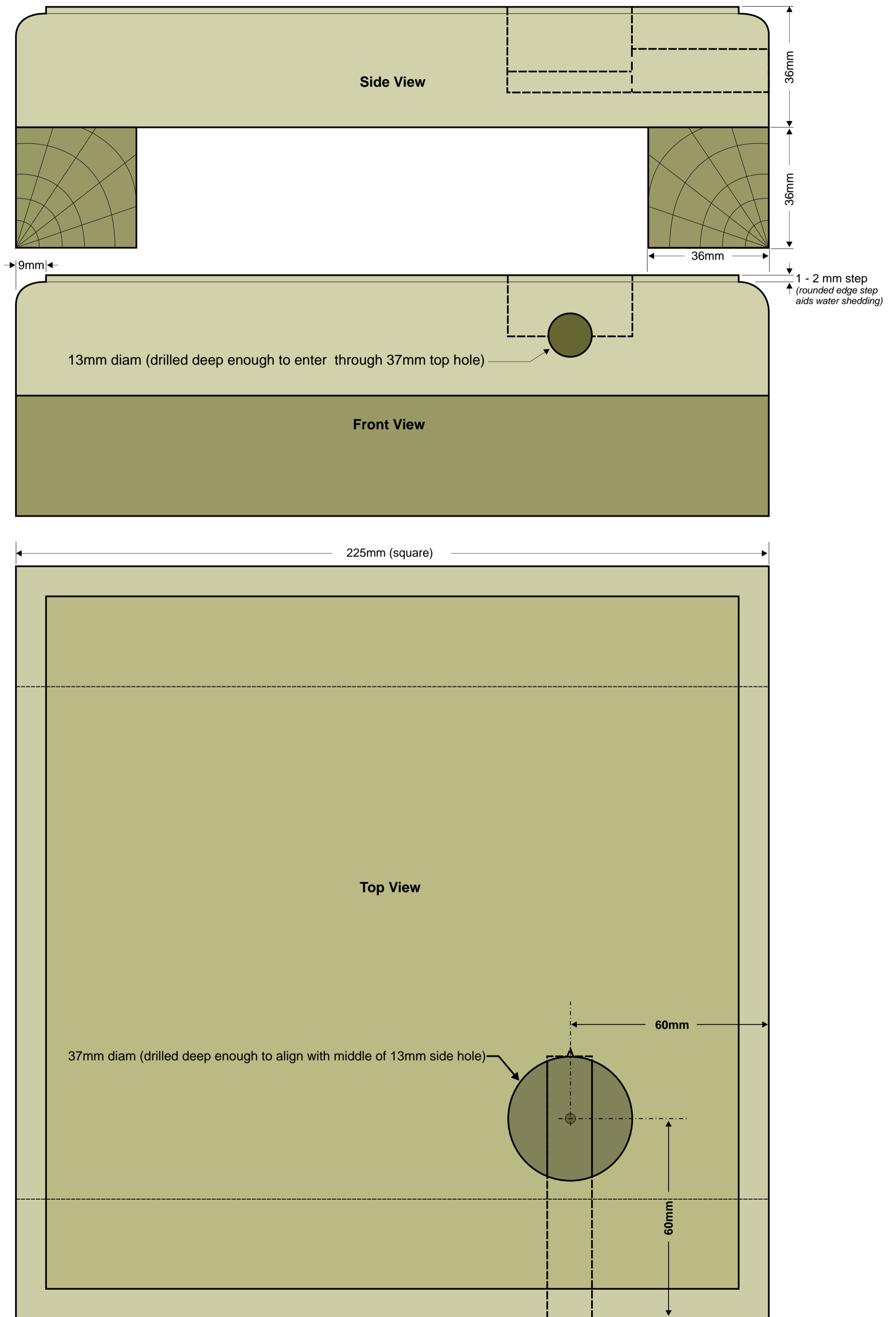
Lower Separator (Loose)

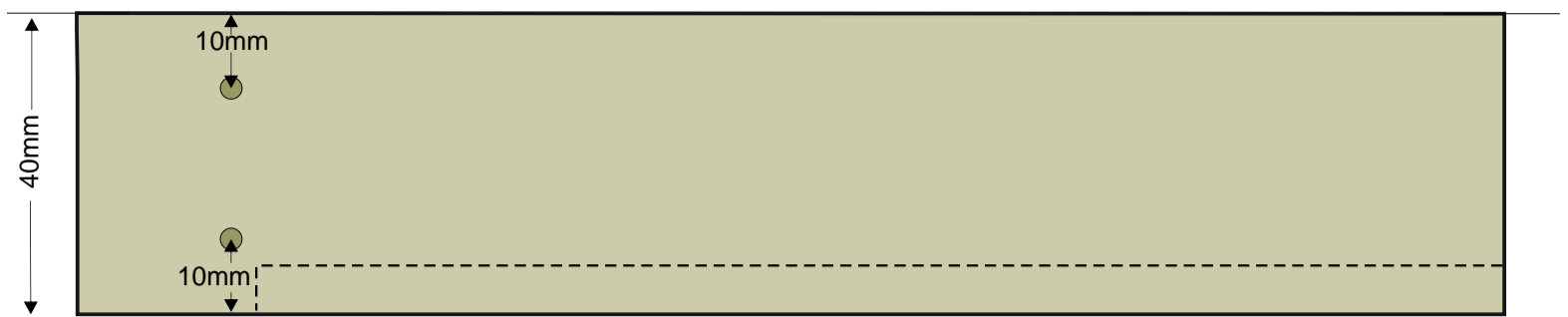
This scan is actual size so it can be used as a template when making separators.
If sides do not print properly, the width is exactly the size of an A4 page

Overall size 21cm square, hole 100mm diameter, slots 12mm



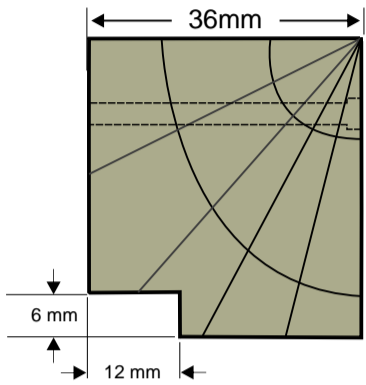
Baseboard of ASB square box hive ("Aussie INPA")



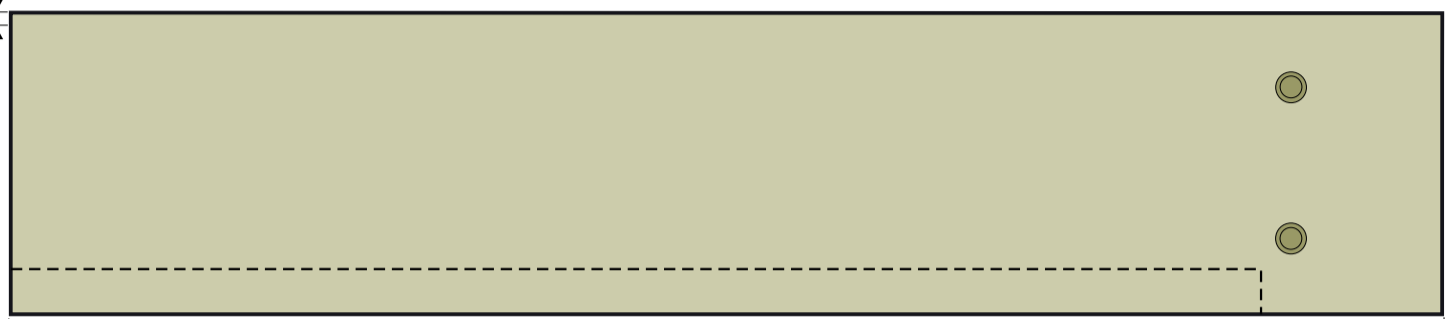


Internal View of single side

End view of side

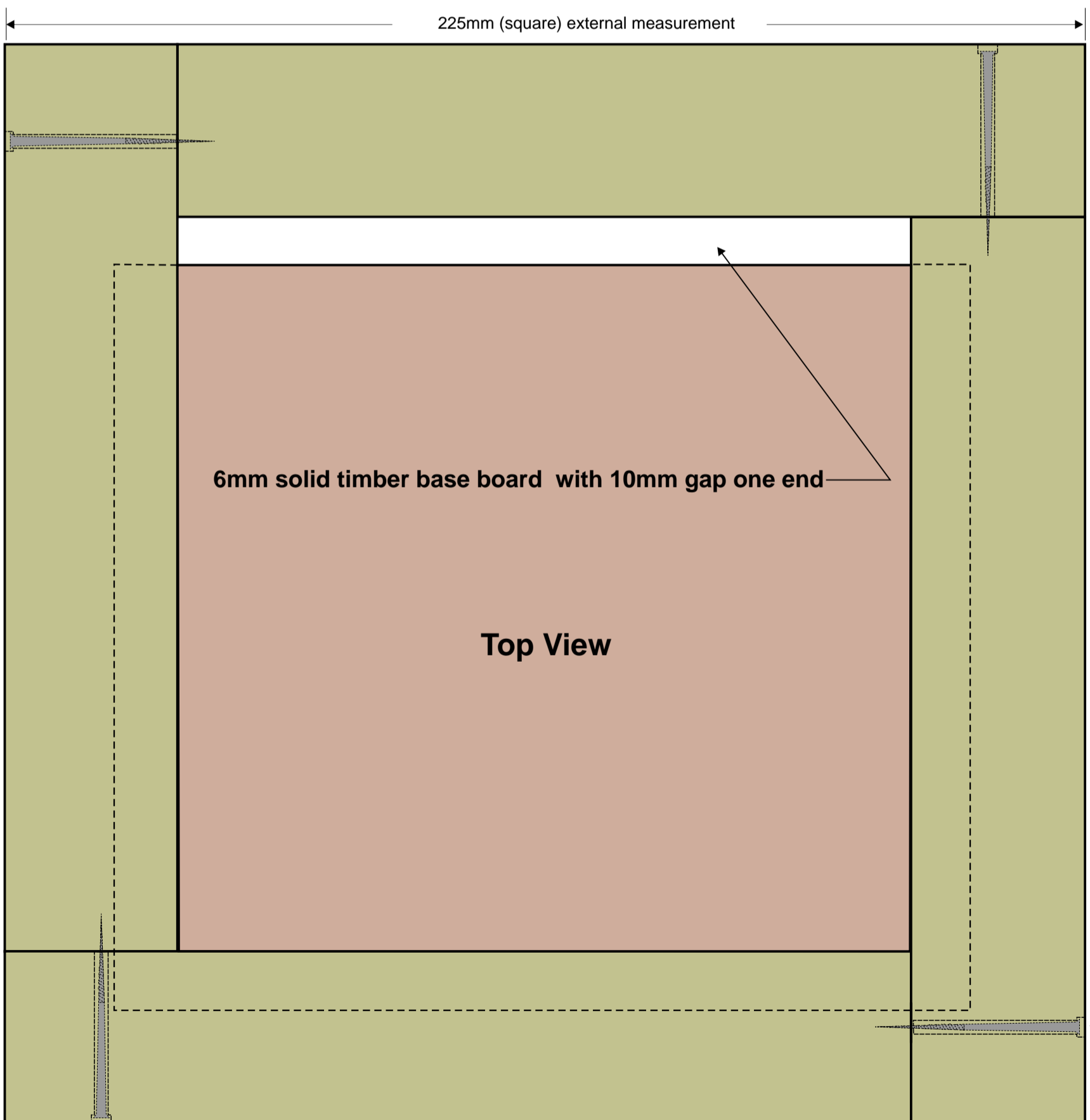


1 - 2 mm step



External View of single side

189mm



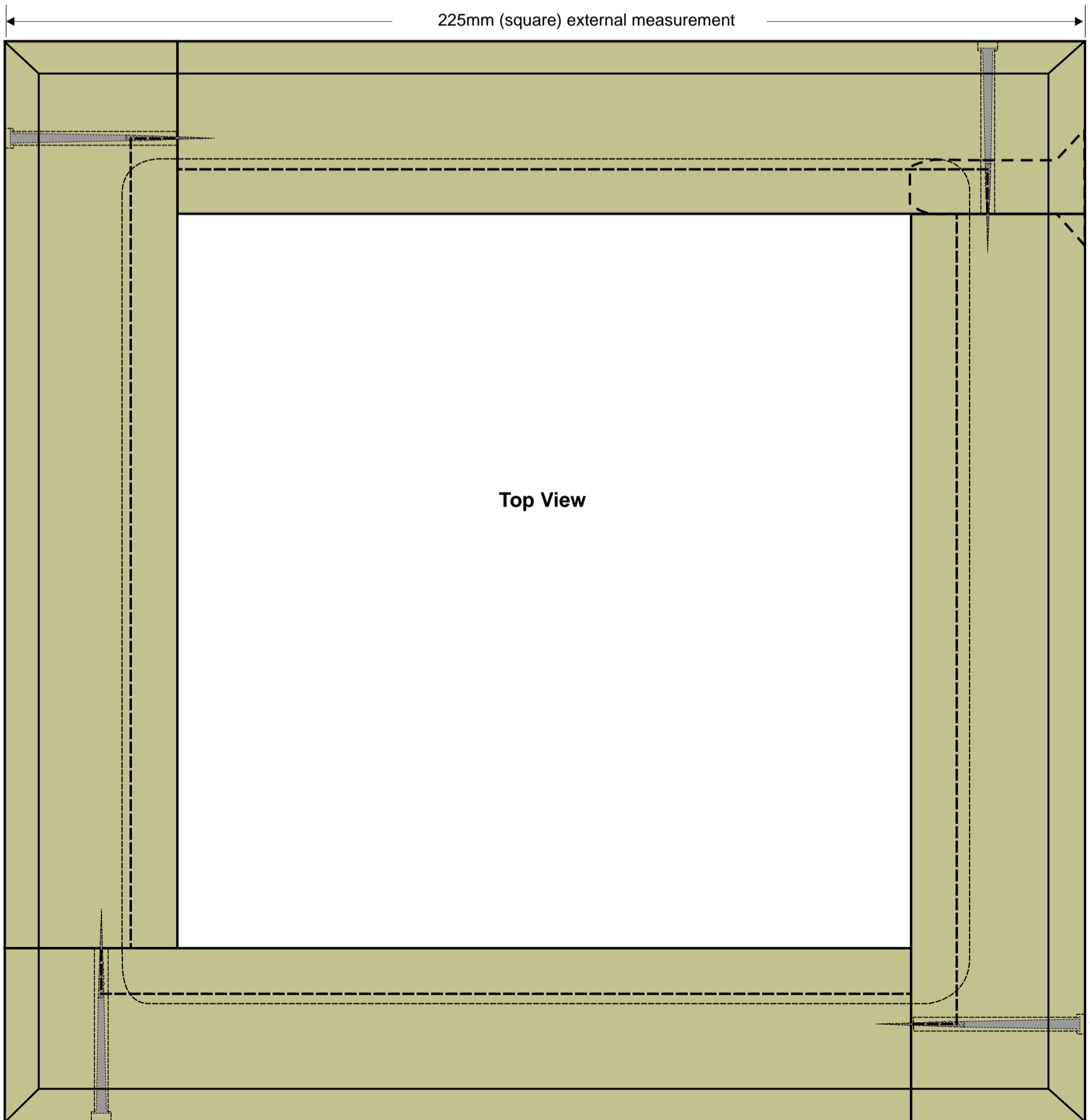
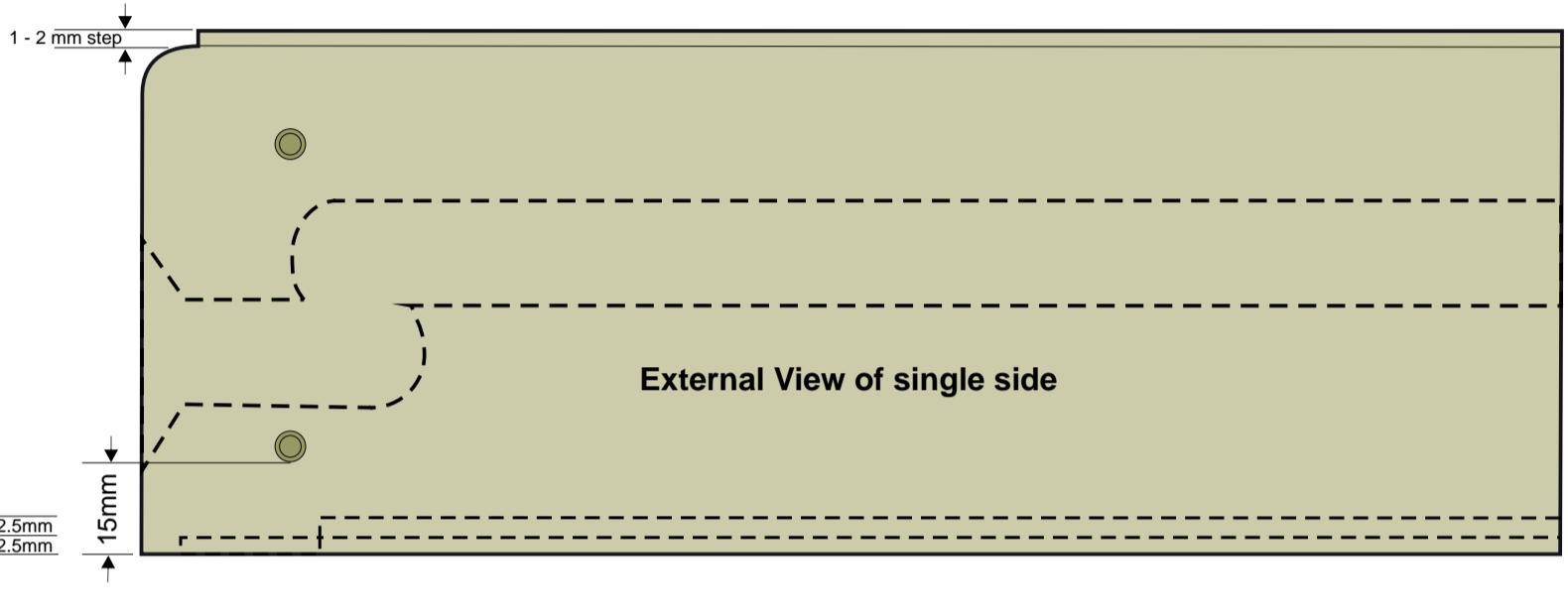
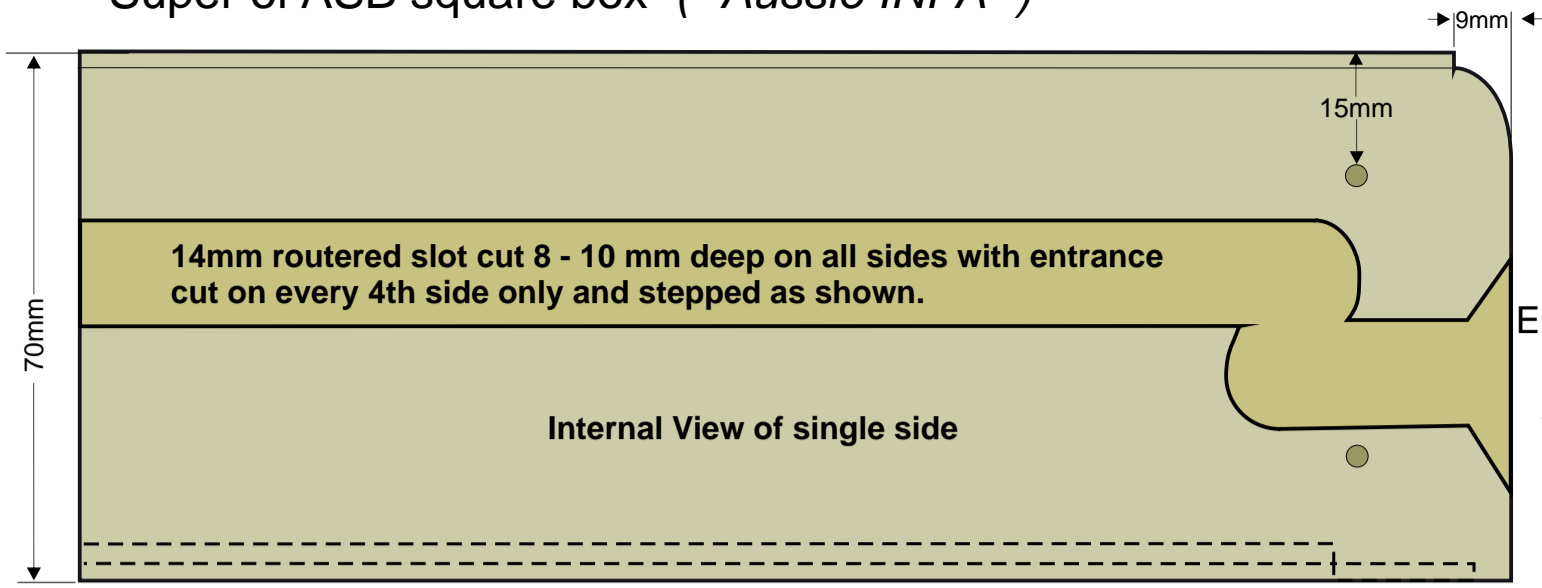
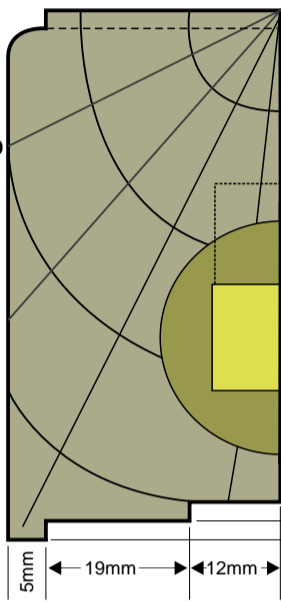
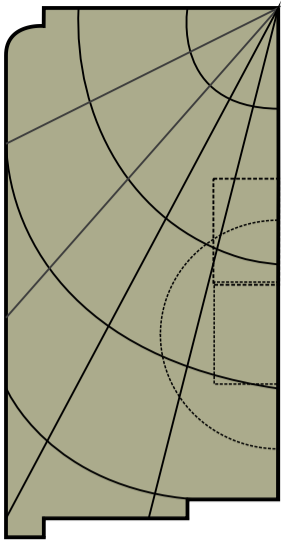
Top View

6mm solid timber base board with 10mm gap one end

Pre-drilled and countersunk (2mm) screw holes

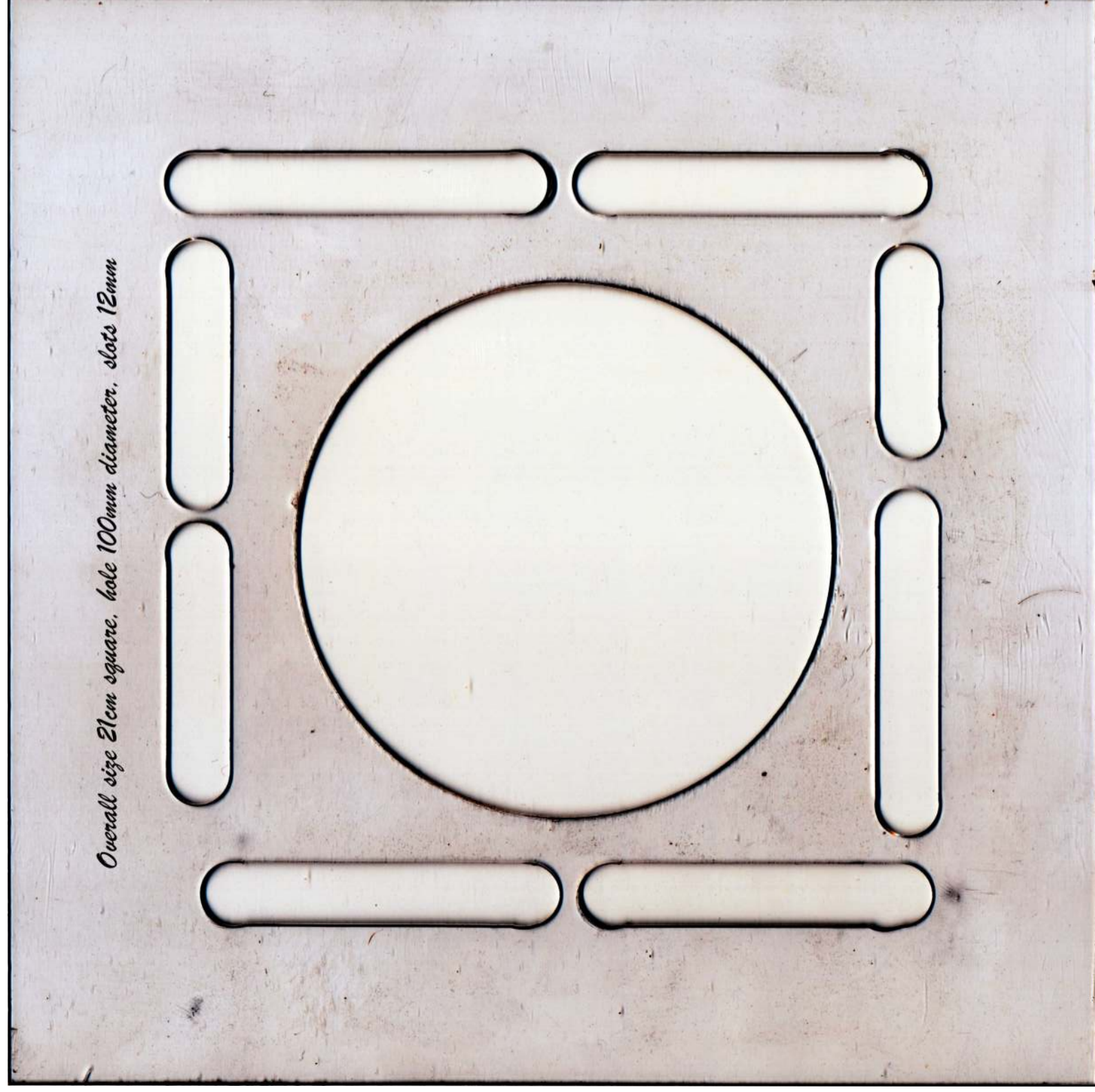
Super of ASB square box ("Aussie INPA")

End views showing entrance and side rebate details



Lower Separator (Loose)

This scan is actual size so it can be used as a template when making separators.



Upper Separator (fixed)

This scan is actual size so it can be used as a template when making separators.

