

ROLL-AWAY NEST BOX

STEP-BY-STEP INSTRUCTIONS



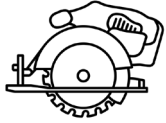
by Moritz Reichartz & Richard Perkins





Roll-away nest boxes

TOOLS



Cordless circular-saw



Mitre Table Saw



Cordless screwdriver



Tape measure

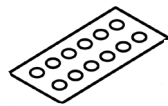


Square



Staple gun

MATERIALS



2 x perforated screw plates
(approx. 40mm x 120mm)



2 x heavy-duty turnbuckles



20mm industry nest mat
9 pieces 112cm x 45cm



28mm x 45mm timber
45cm x 18 pieces
120cm x 12 pieces
360cm x 8 pieces
26cm x 6 pieces

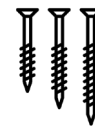
28mm x 70mm timber
117.5cm x 9 pieces

8mm x 25mm baton timber
1175mm x 9

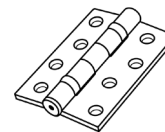
5mm x 12mm fiber-board
1175mm x 9

1.2m x 2.5m (12mm thickness) Marine Ply-wood sheets
5 sheets

45mm x 120mm timber
3.6m



35mm woodscrews (pack)
60mm woodscrews (pack)



18 small hinges and short screws

M6 Bolts/nuts/washers
30mm x 6
40mm x 11
60mm x 8

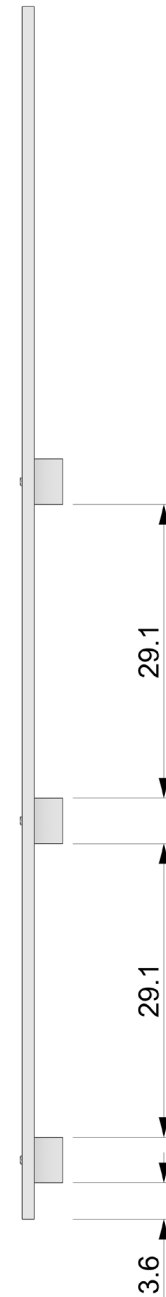
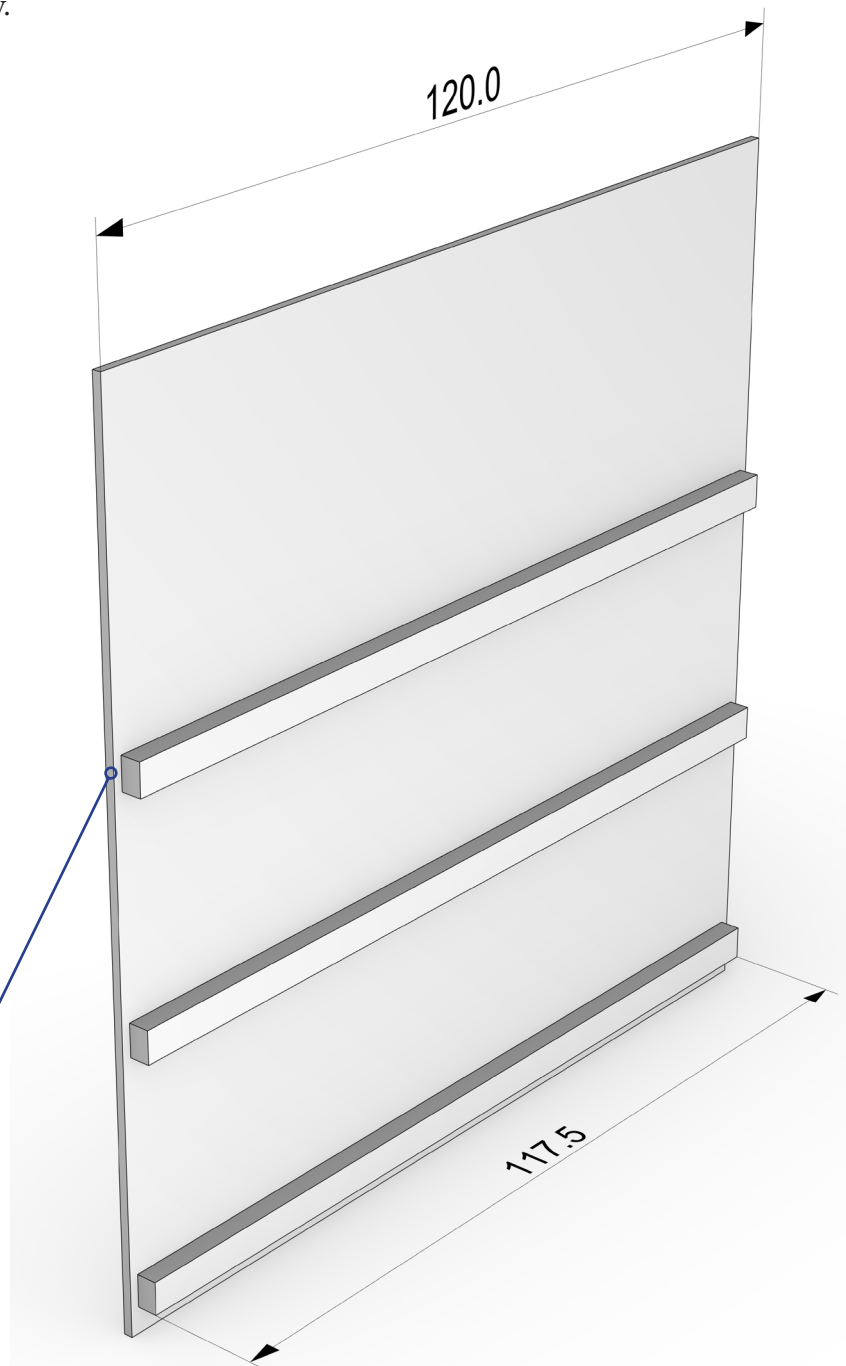


Roll-away nest boxes



BUILD THE BACK BOARD (A full nest-box is made from 3 identical units)

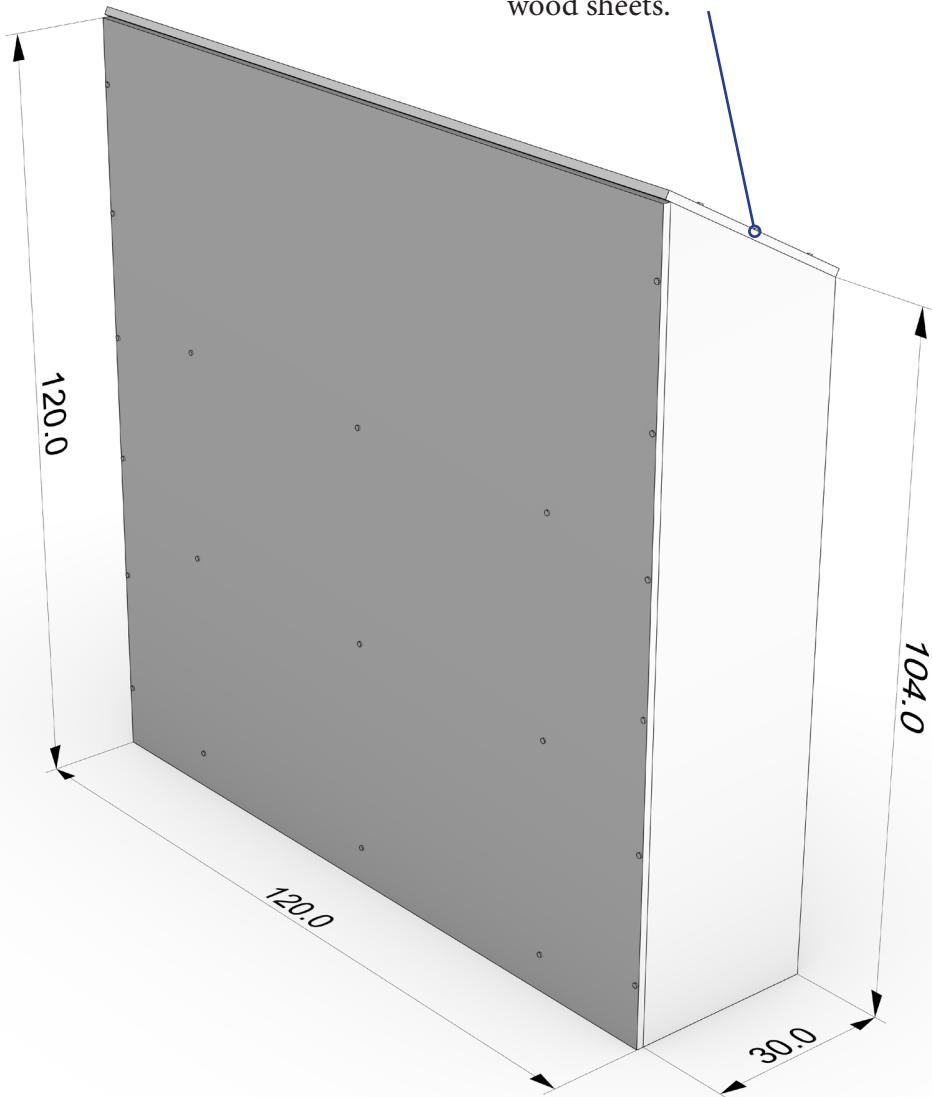
28mm x 45mm timber and marine ply.



Use 35mm woodscrews to attach the timber to the plywood sheet, screwing from the backside of the plywood.

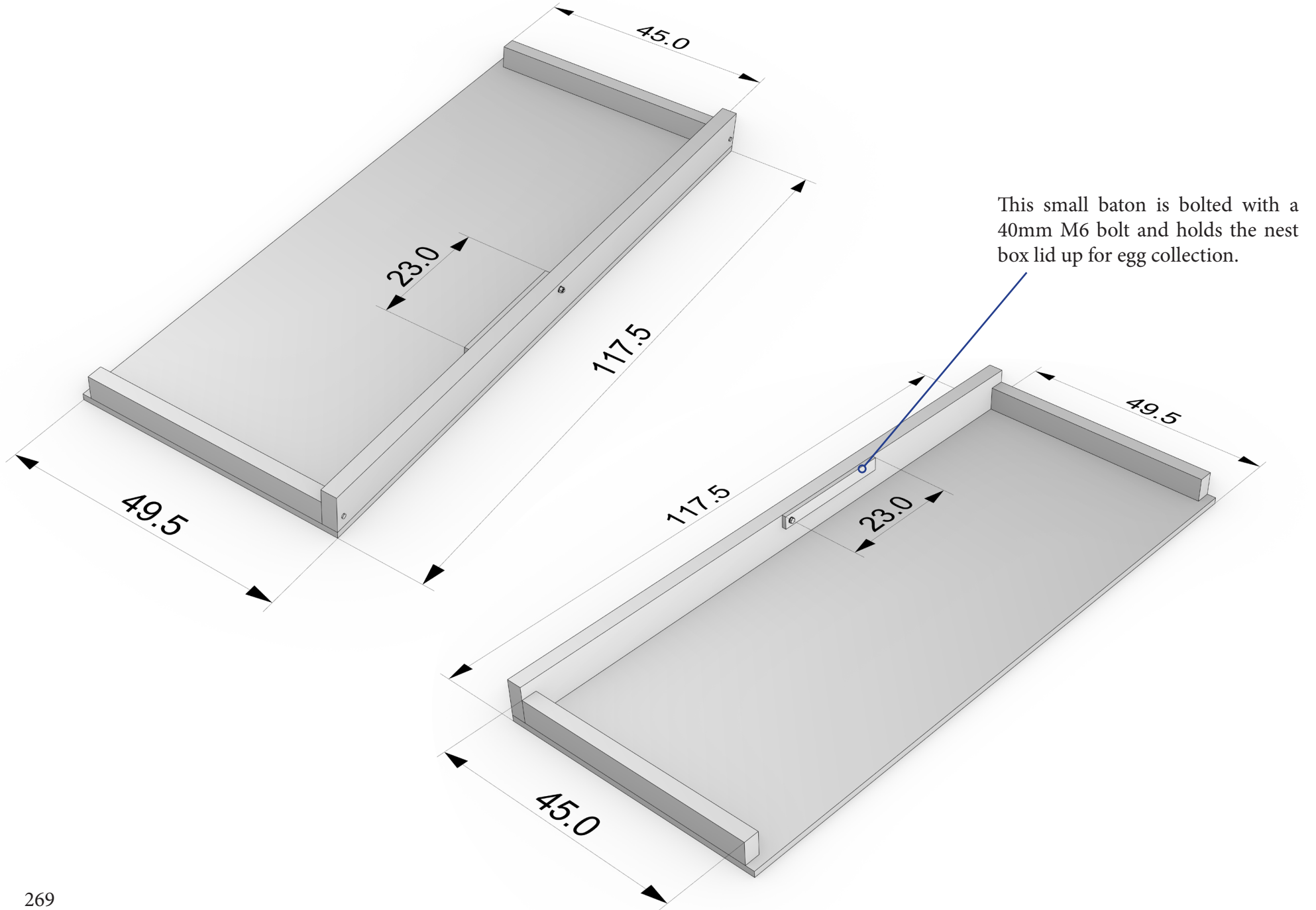
ADD THE SIDES AND ROOF

NOTE: Pre-drill all holes and use 35mm woodscrews to join the plywood sheets.



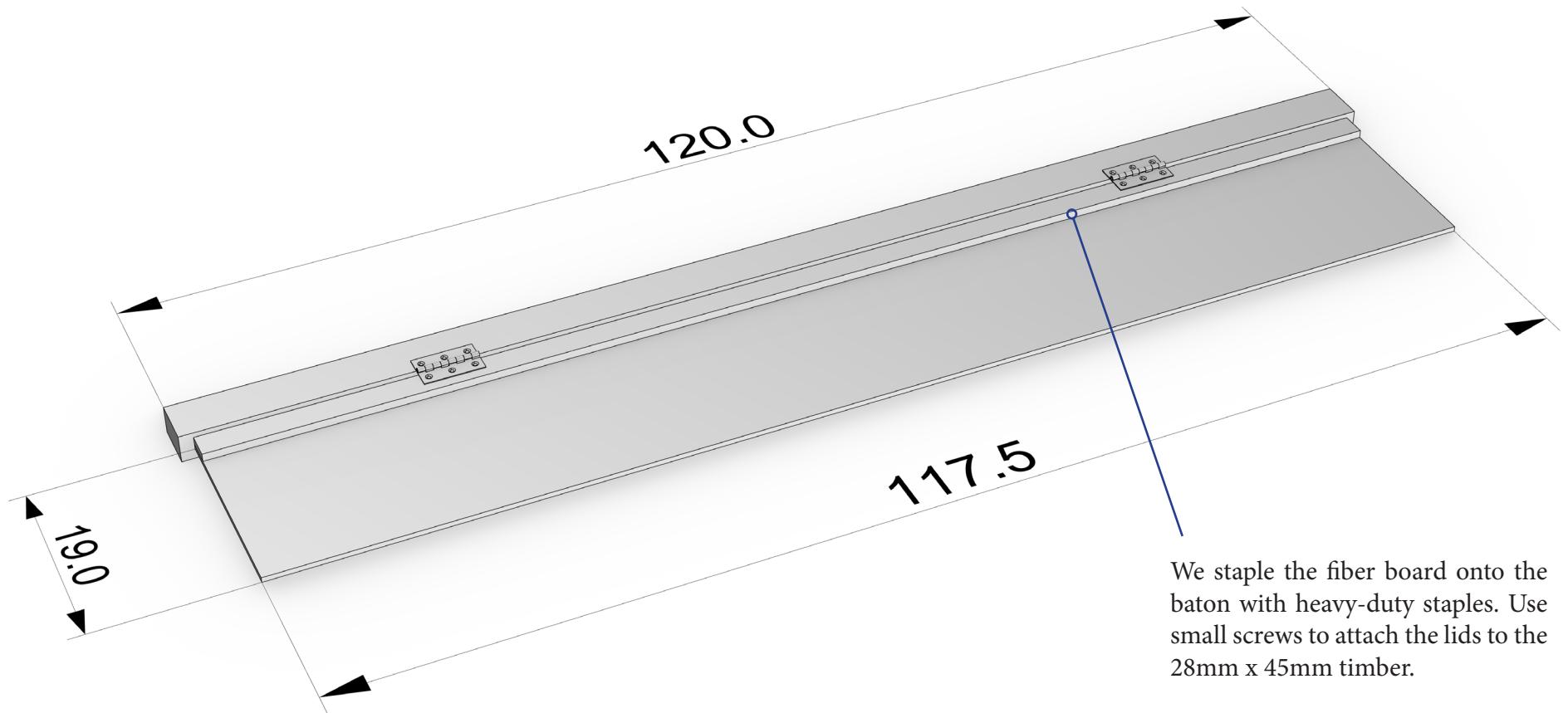
CONSTRUCT THE NEST TRAYS

28mm x 45mm timber, 28mm x 70mm timber and marine ply.



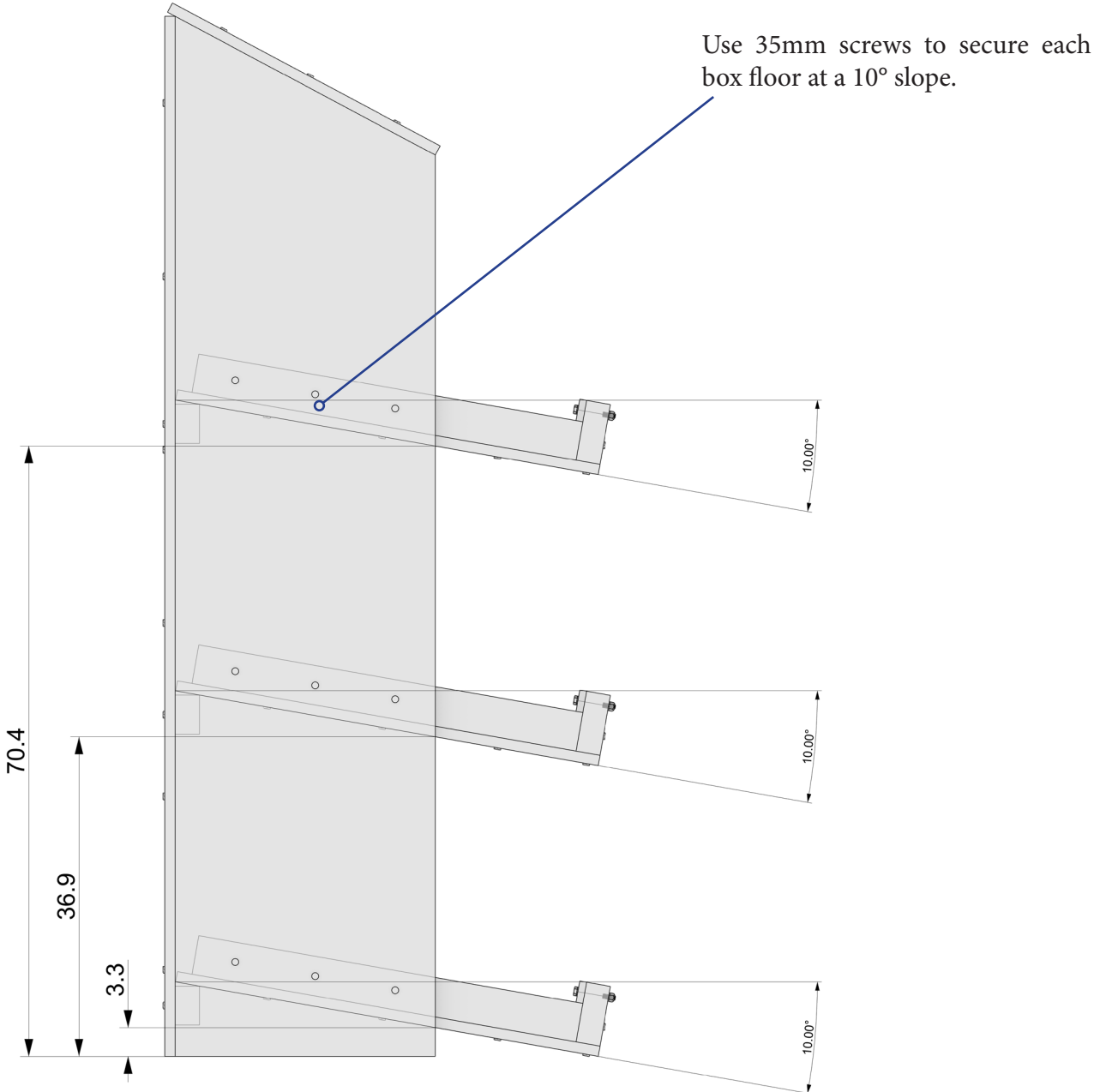
CONSTRUCT THE NEST LIDS

28mm x 45mm timber, 5mm x 12mm fiber board and baton wood.

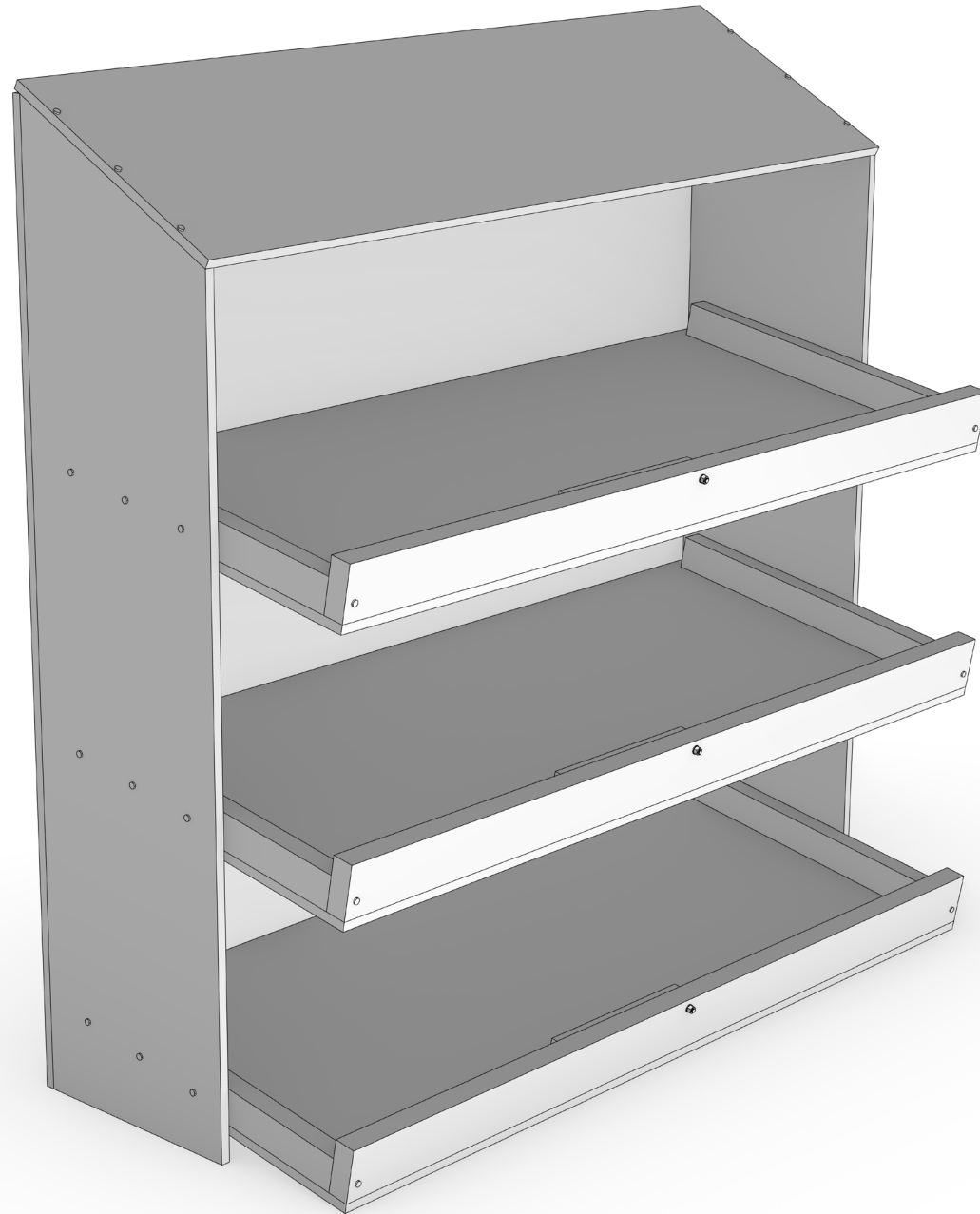


We staple the fiber board onto the baton with heavy-duty staples. Use small screws to attach the lids to the 28mm x 45mm timber.

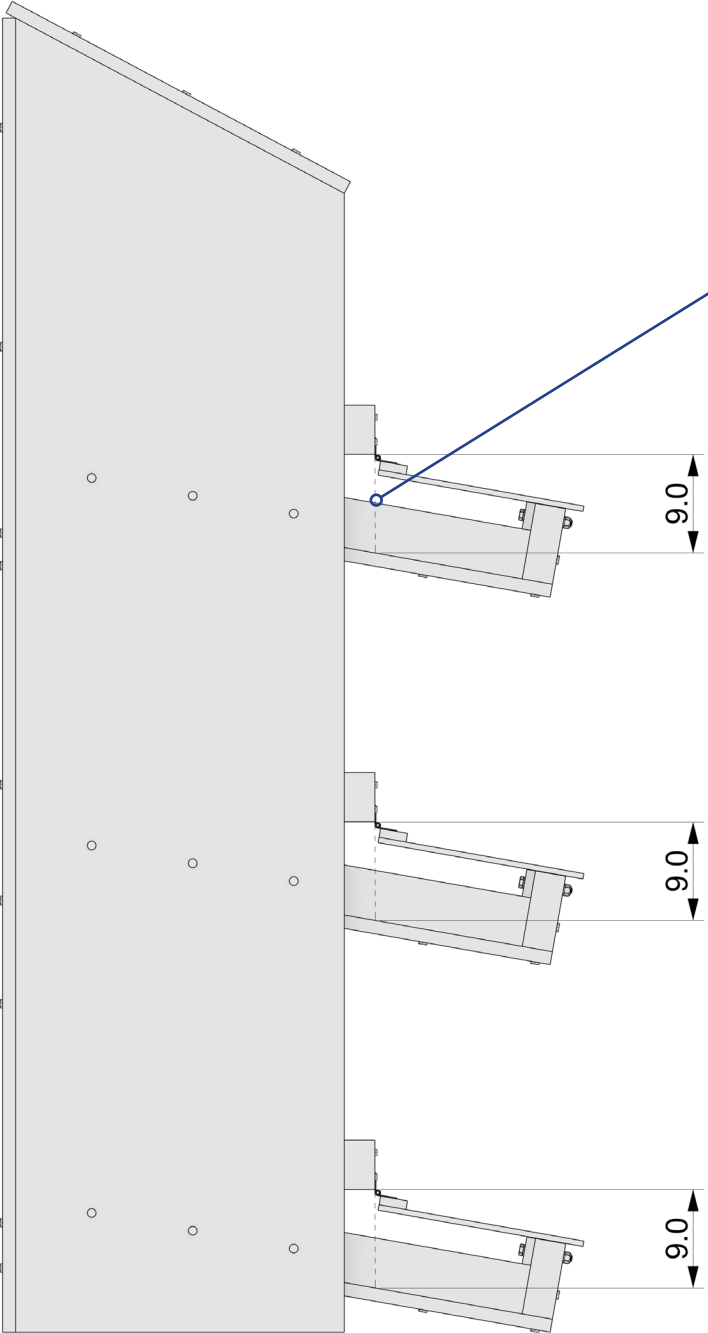
ATTACH THE ROLLAWAY BOXES



YOU SHOULD NOW HAVE 3 UNITS THAT LOOK LIKE THIS

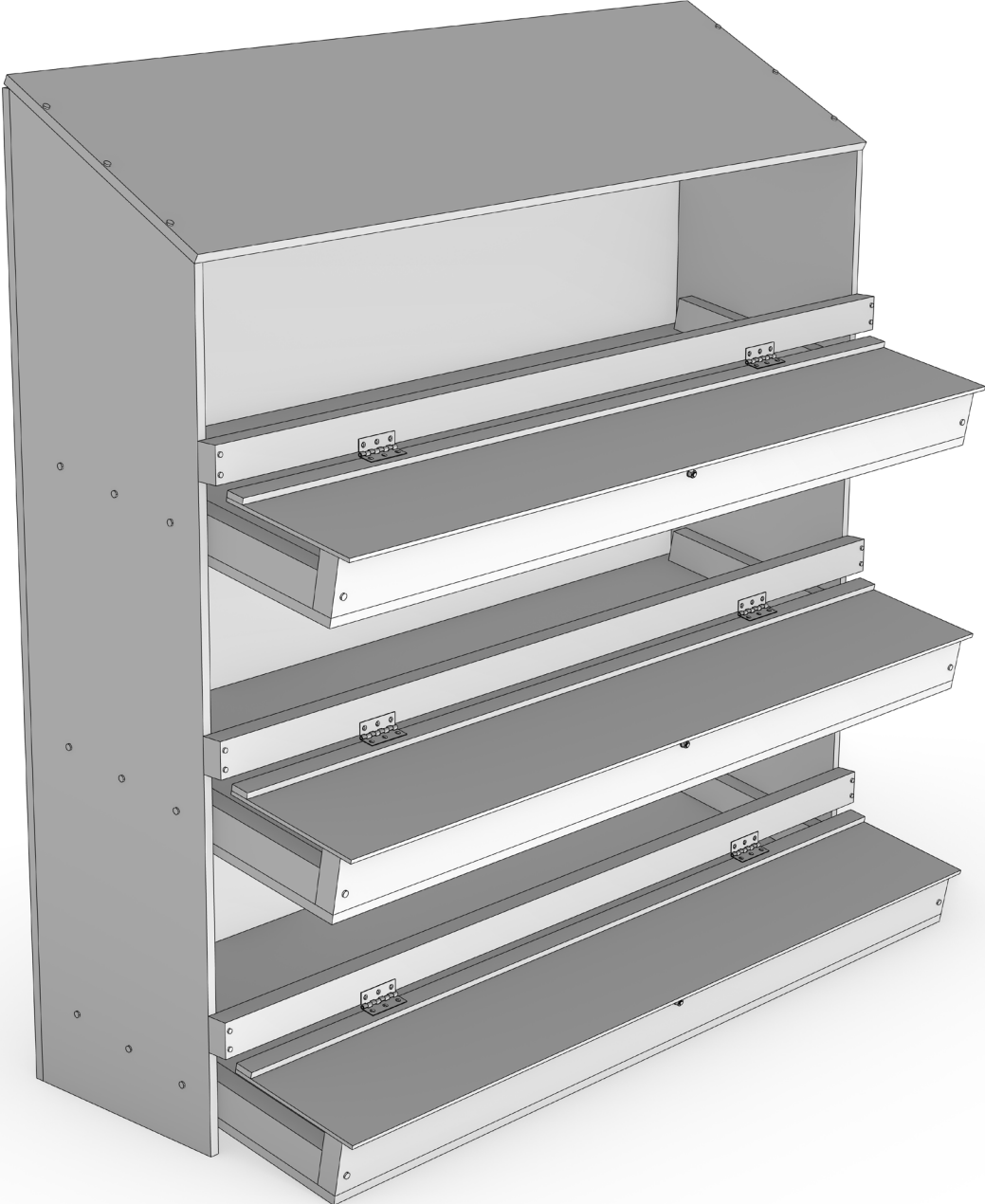


ATTACH THE LIDS

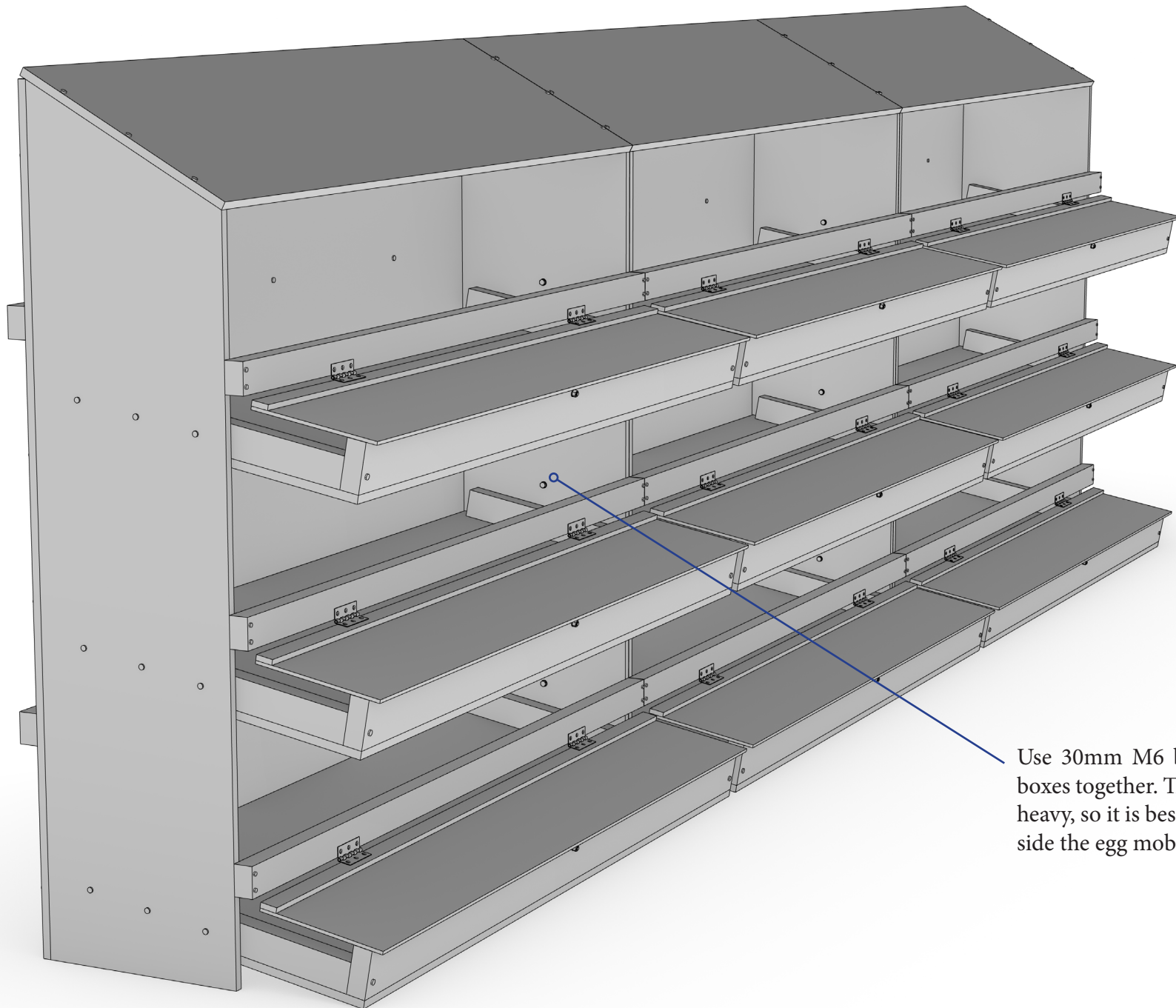


NOTE: The gap here is critical to allow room for eggs to roll away. This assumes a standard 20mm nest mat.

3 COMPLETED UNITS



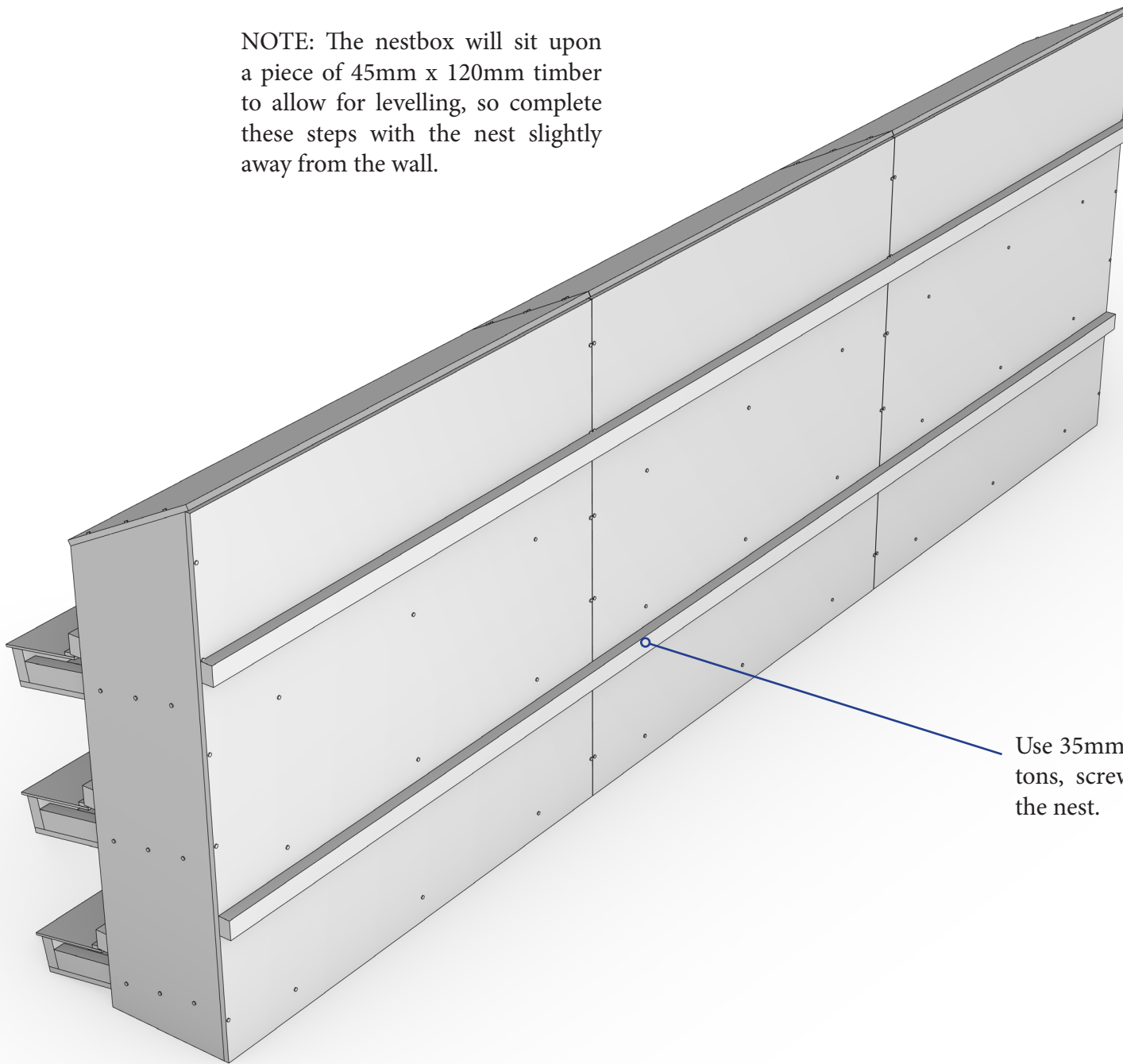
BOLT THE NESTS TOGETHER



Use 30mm M6 bolts to attach the boxes together. These nest boxes are heavy, so it is best to do this step inside the egg mobile.

ATTACH BATONS ON THE BACK

NOTE: The nestbox will sit upon a piece of 45mm x 120mm timber to allow for levelling, so complete these steps with the nest slightly away from the wall.

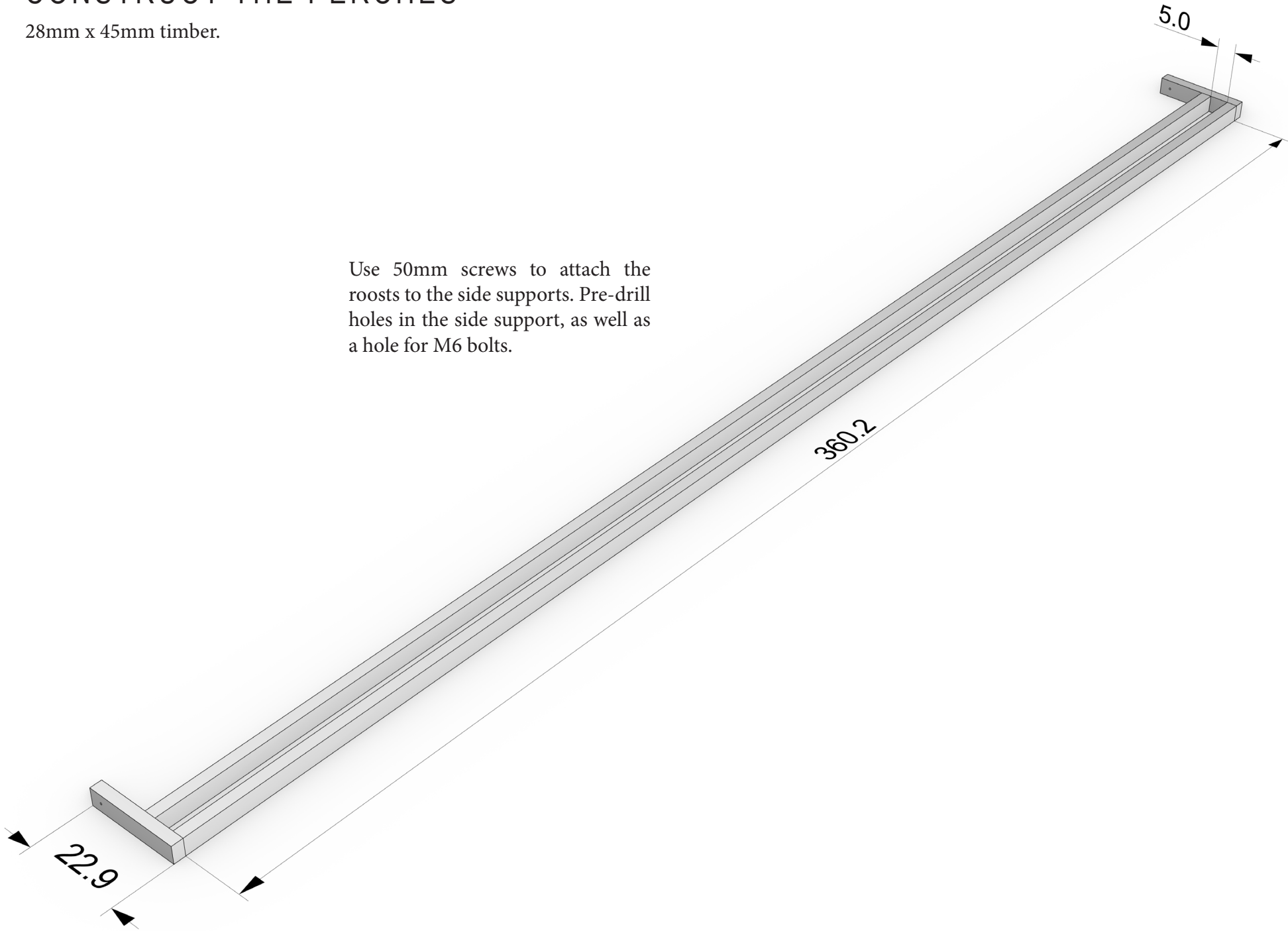


Use 35mm screws to secure the batons, screwing from the inside of the nest.

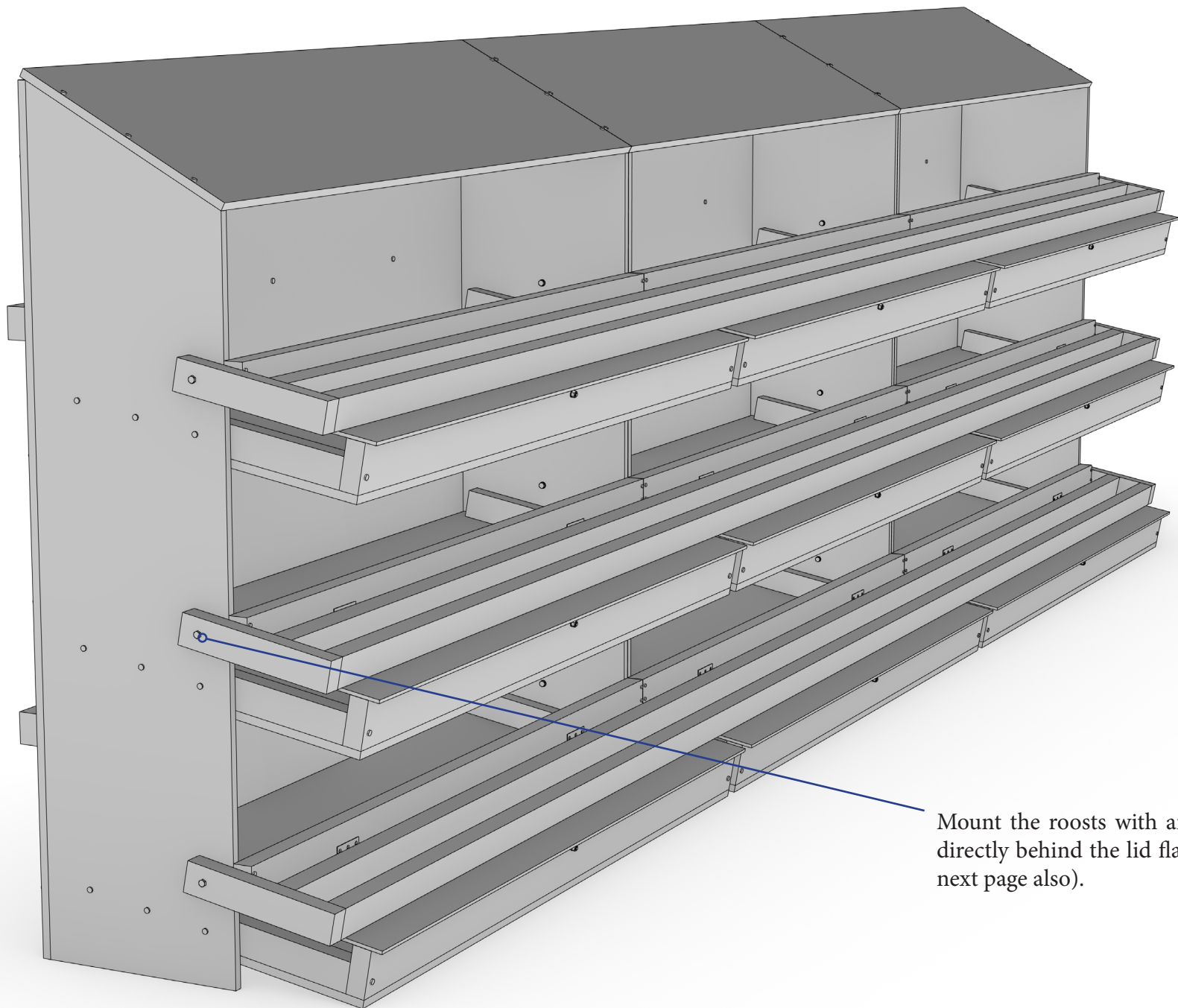
CONSTRUCT THE PERCHES

28mm x 45mm timber.

Use 50mm screws to attach the roosts to the side supports. Pre-drill holes in the side support, as well as a hole for M6 bolts.

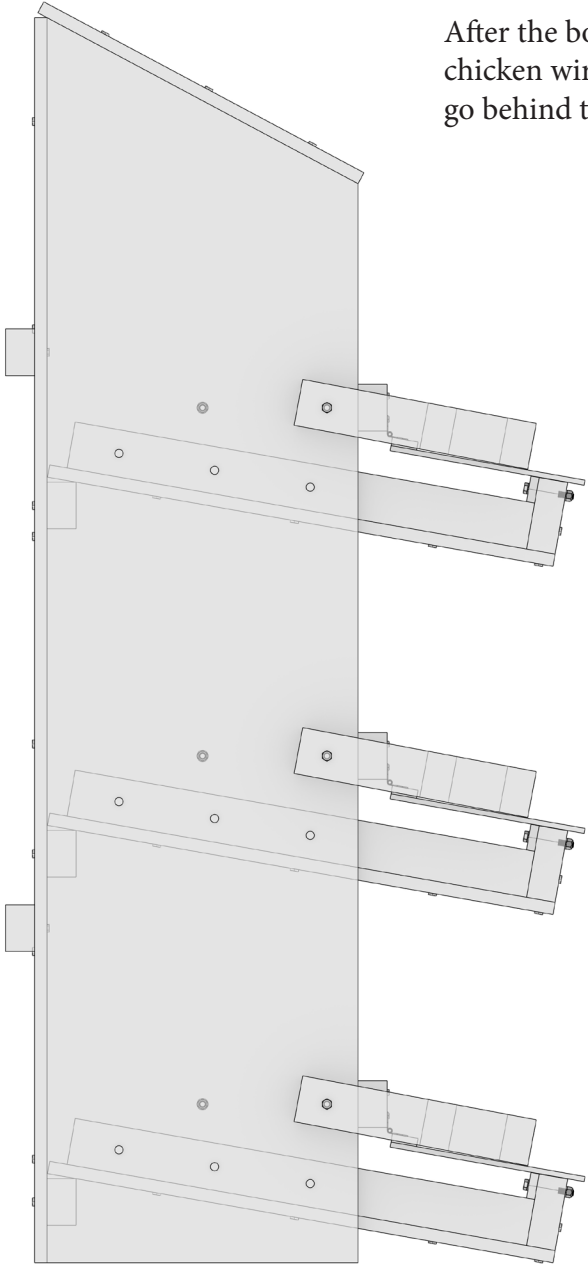


ATTACH THE PERCHES



Mount the roosts with an M6 bolt directly behind the lid flap bar (see next page also).

PERCH BOLT POSITIONS



After the boxes are mounted we use chicken wire to ensure birds cannot go behind the nests.



FIT THE NEST BOXES IN PLACE

Use turnbuckles and 40/60mm M6 bolts to secure the boxes to the vertical beams of the egg mobile to allow for levelling.

Use the 45mm x 120mm beam to lift the whole box off the floor, to enable tilting to level the boxes on uneven ground.

Use dedicated nest mat cut to 45cm x 112cm.

