



CROSS SECTION 1:20

- 30mm Vegetation
- min. 80-120mm Roofsoil (filling)
- 40mm Grodan TT 100/40
- 0.8mm WSB 80 Root barrier layer
- moulded ABS plastic



FRONT VIEW 1:20



STRUCTURAL PRINCIPLE

Beetle hill - homebase for automover

JKMM:s solution for the assignment is a cave-like hideout made out of recycled ABS plastic (8mm matte black plastic) by vacuum moulding (wooden mould). Beetle hill is easily manufactured also for mass production. The possible overhead supporting structures are made of recycled aluminium. The mould is anchored with $\text{Ø}10\text{mm}$ rod spikes into the ground. The cave is fully clad with soil and grass, with minimum thickness of 150mm to ensure grass growth. Technical details of grass roof are from Veg Tech Ltd. Electricity is brought inside the cave by underground wiring.

JKMM



Notice: The participating architects have shared their drawings and instructions so that you can build one of these houses for your Husqvarna Automower. Please note that to help the robotic mower find the charging station, you need to place the charging station so that the plate is aligned with the outer section of the house, or use a guide cable to make the docking procedure smoother. Other adaptations or solutions may be required depending on your specific situation and intended placement of the house.