

Model Eco-house (October 2018) - drawing no. 1

600mm wide door (but needs to clear wheel guard), to hinge open by 180 degrees, with displays on inside face.

Removable steps, to be stored inside when not in use

Base of eco house to be 22mm WBP ply, with walls & roof to be constructed out of 38x75 treated softwood framing & 11mm OSB3 sheathing on both sides.

Openable solar panel roof above, using second hand gas struts from car boot.

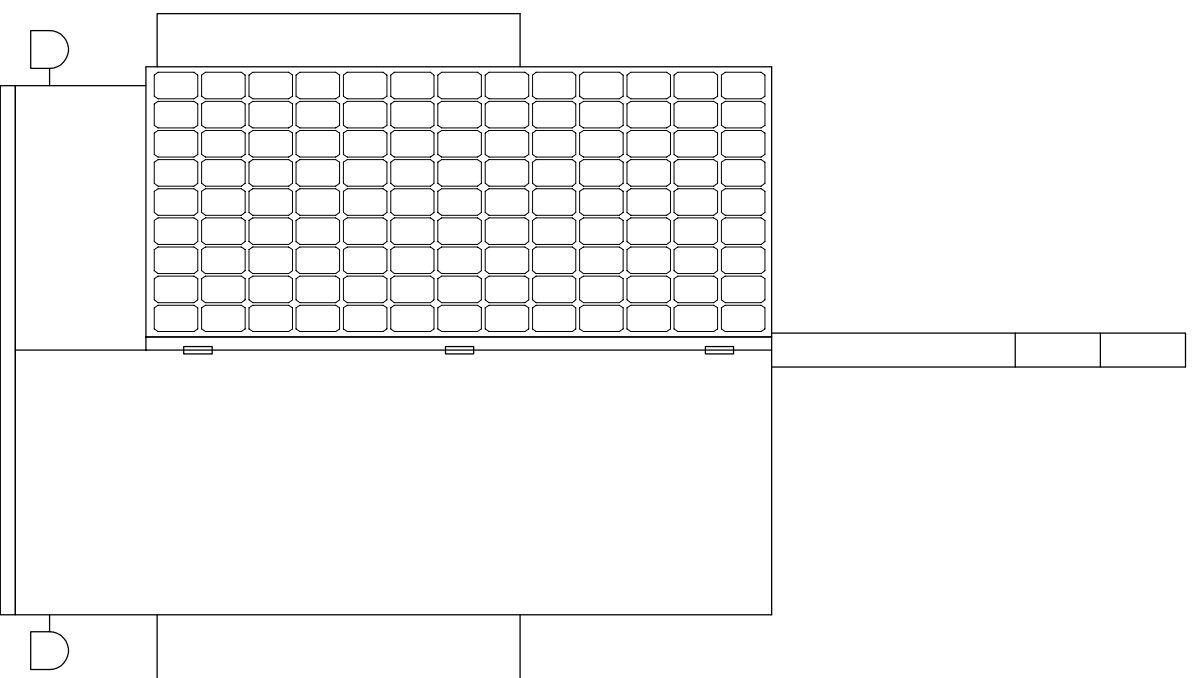
Displays / samples of different insulation materials & heating systems. LED lighting & smart meter. Interactive electrical display, powered by solar panel & battery pack.

Triple glazed window, openable.

1400

2000

Model Eco-house: floor plan (1:20)



Model Eco-house: roof plan (1:20)