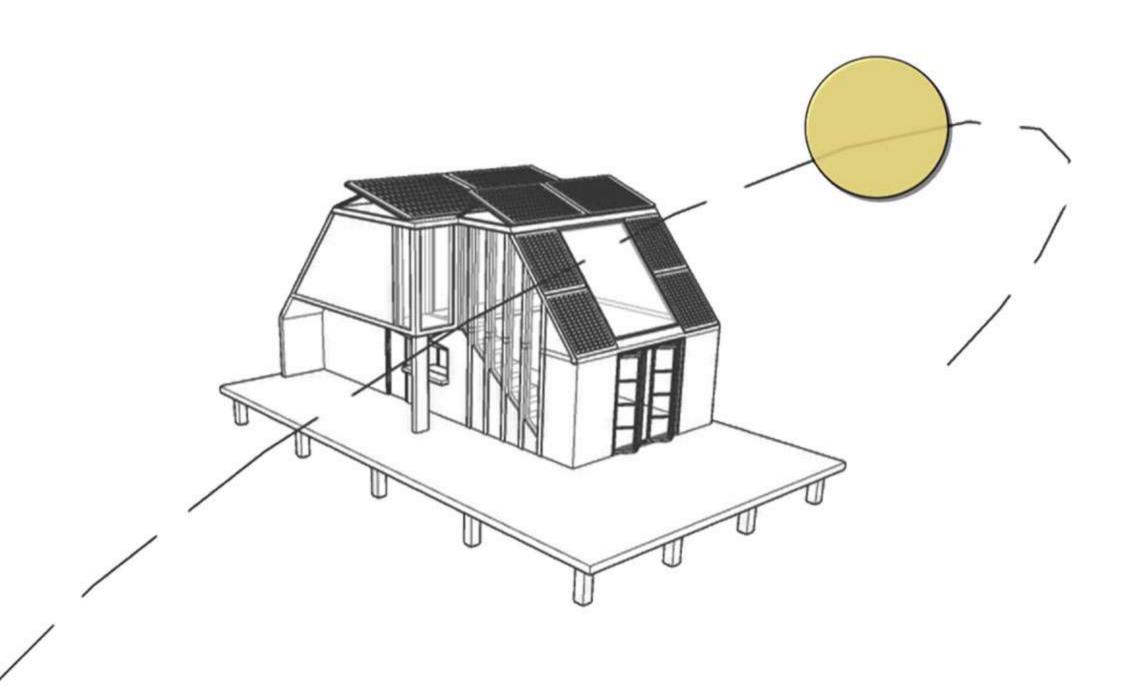


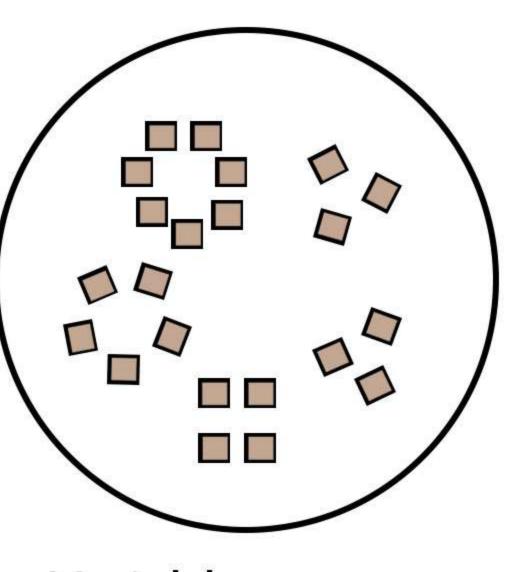
Cluster design



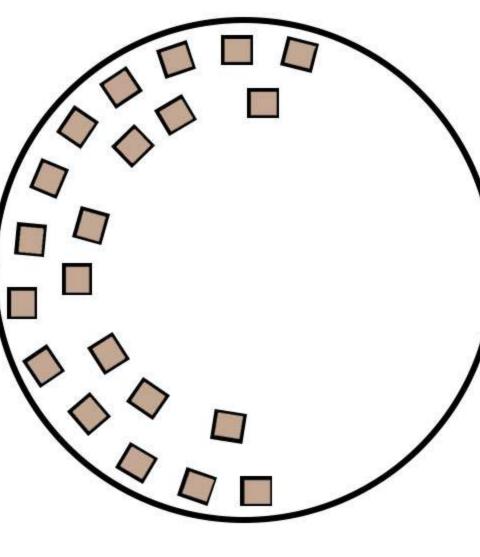
Deck accessible from three sides and the provision of skylight over living room



South facing solar panels and BIPV placed at optimal angles for summer and winter



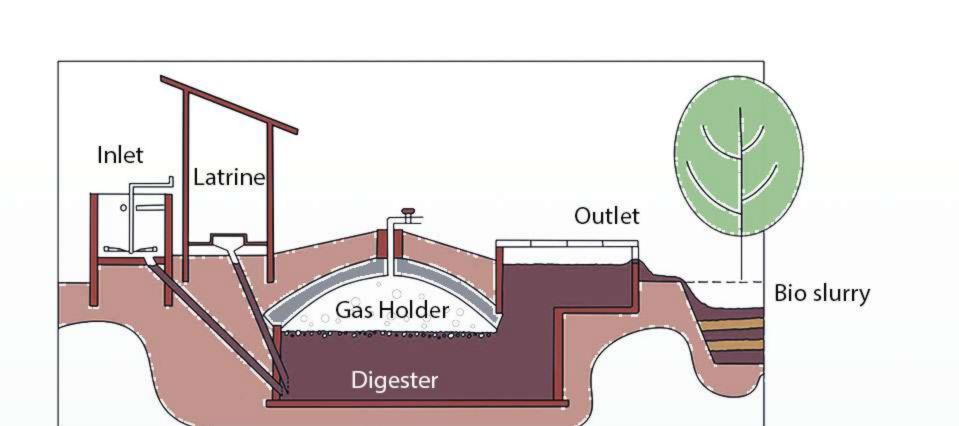
Variable group arrangement



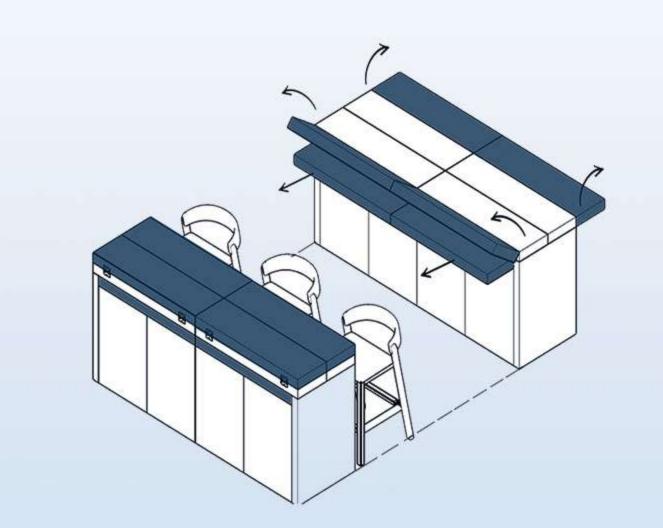
Crowd viewing arrangement

Modular seating for central gathering space

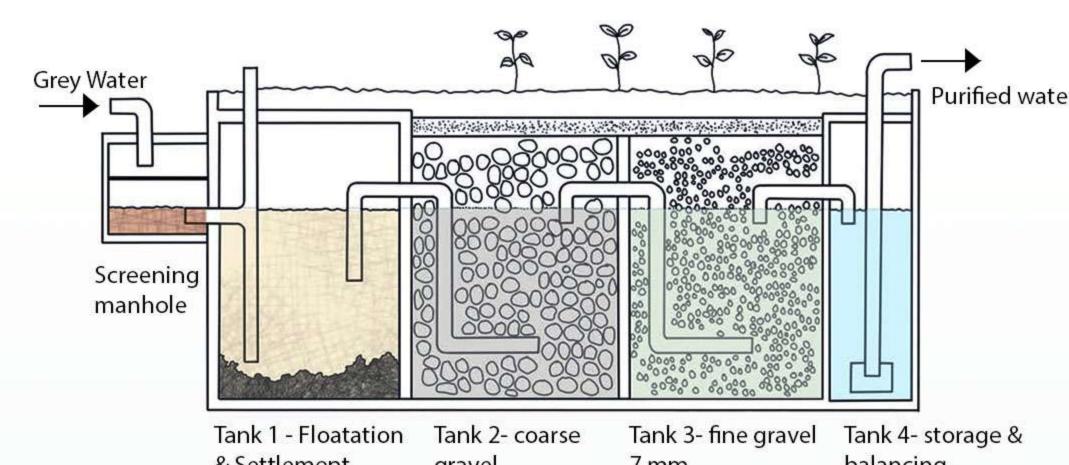




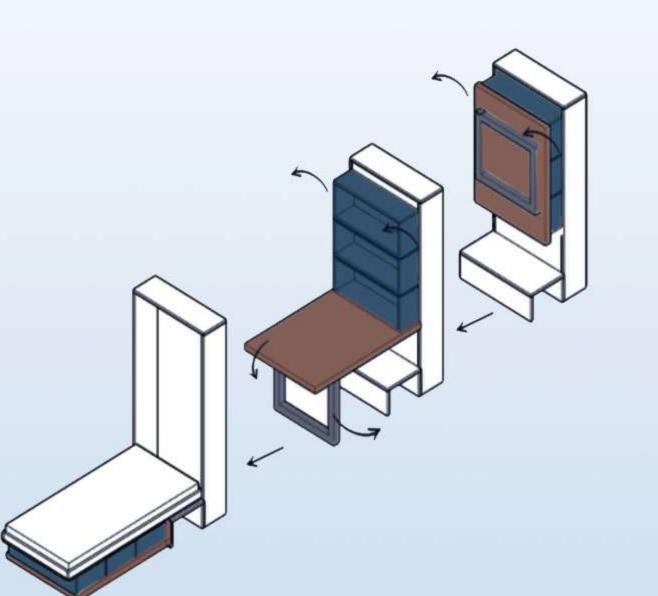
Biogas plant



Breakfast bar + Kitchen countertop + Dining table



Grey water recycling

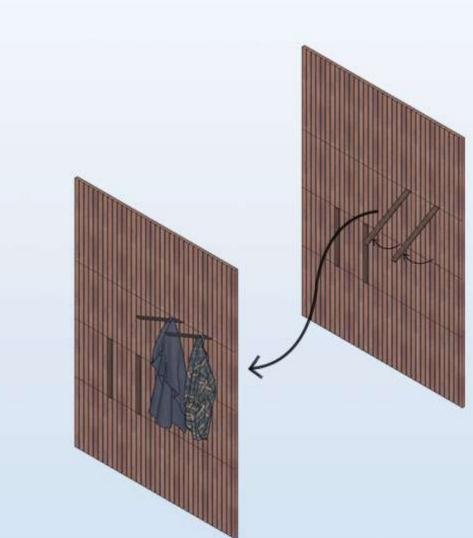


Work table + Single bed

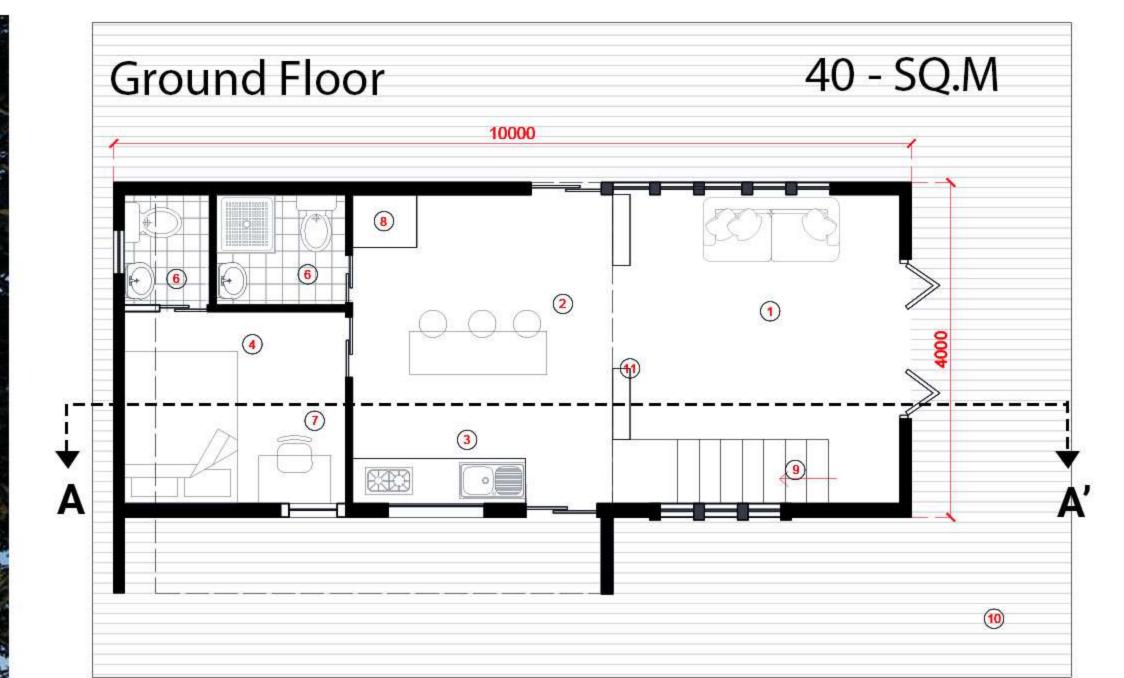


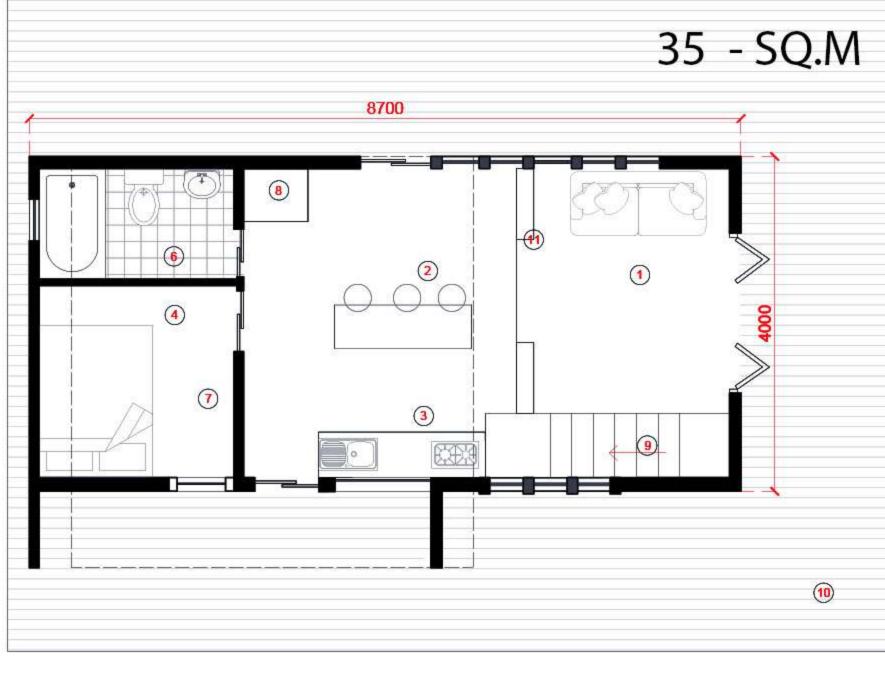
Center Table + Sofa + Guest bed Movable Bookshelves

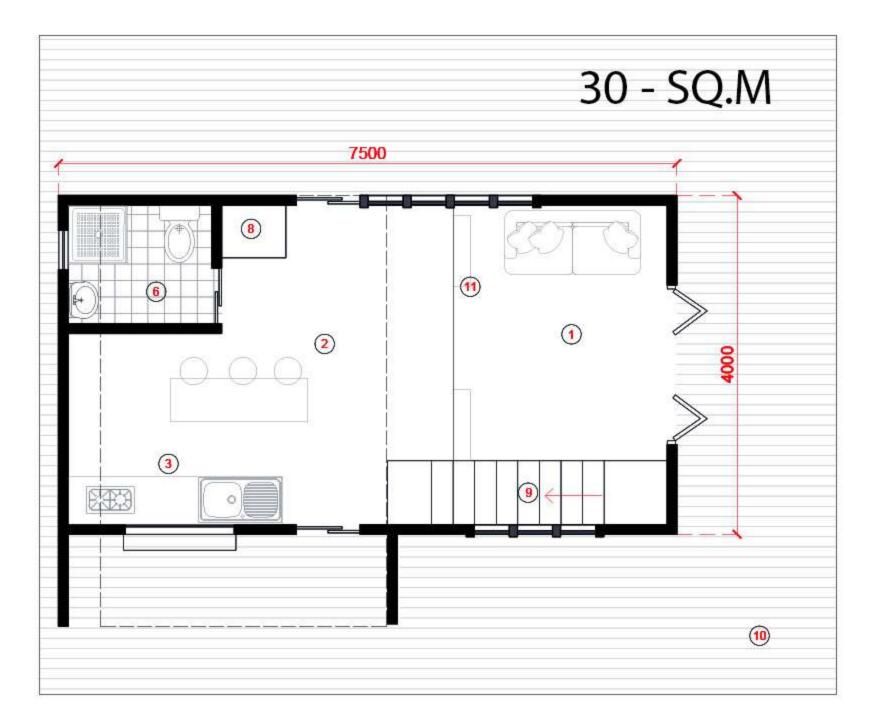


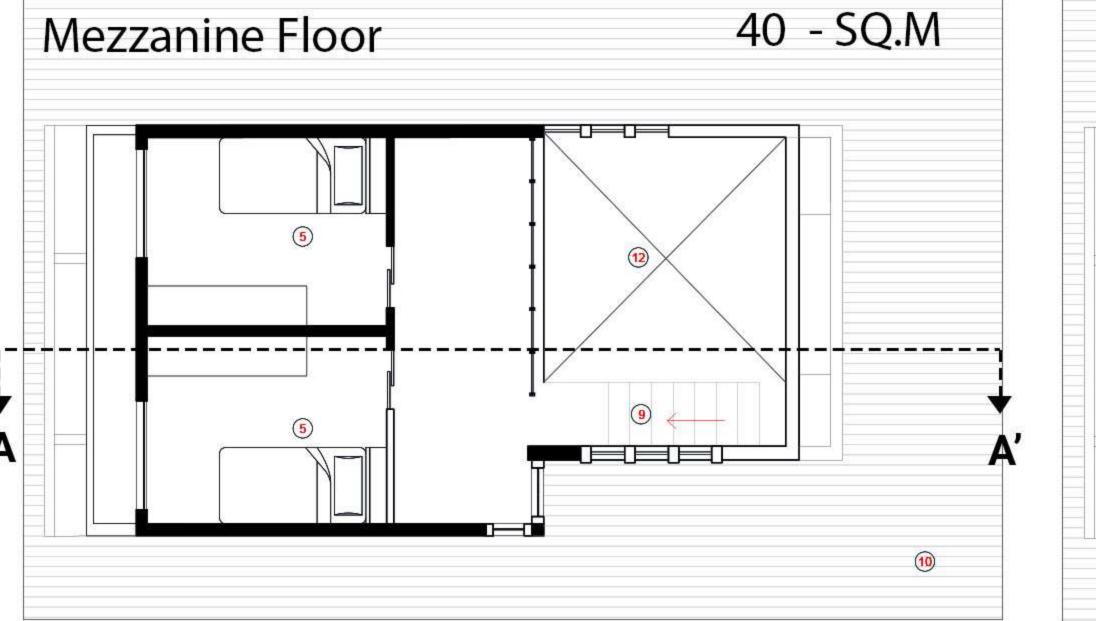


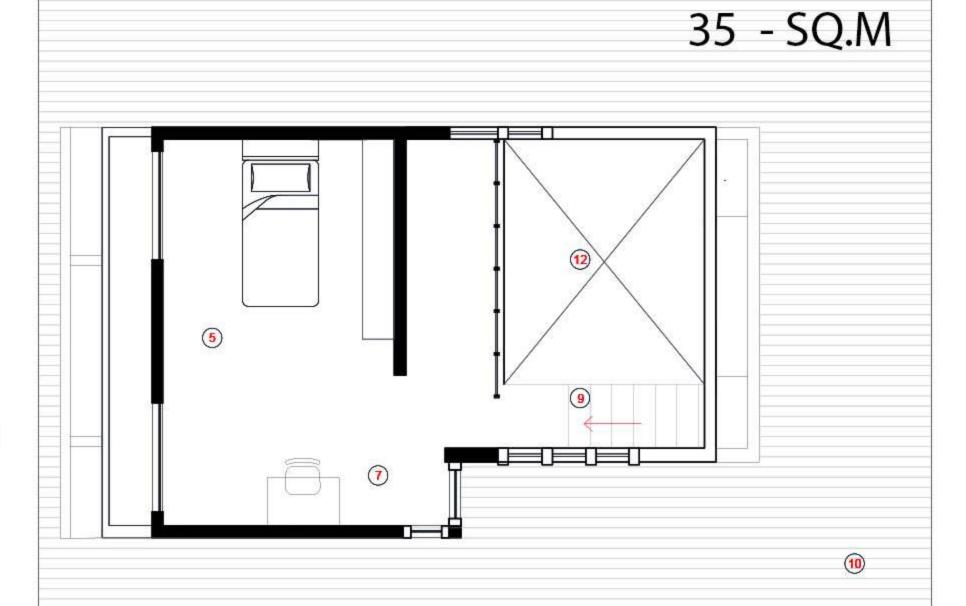
Wall hanger

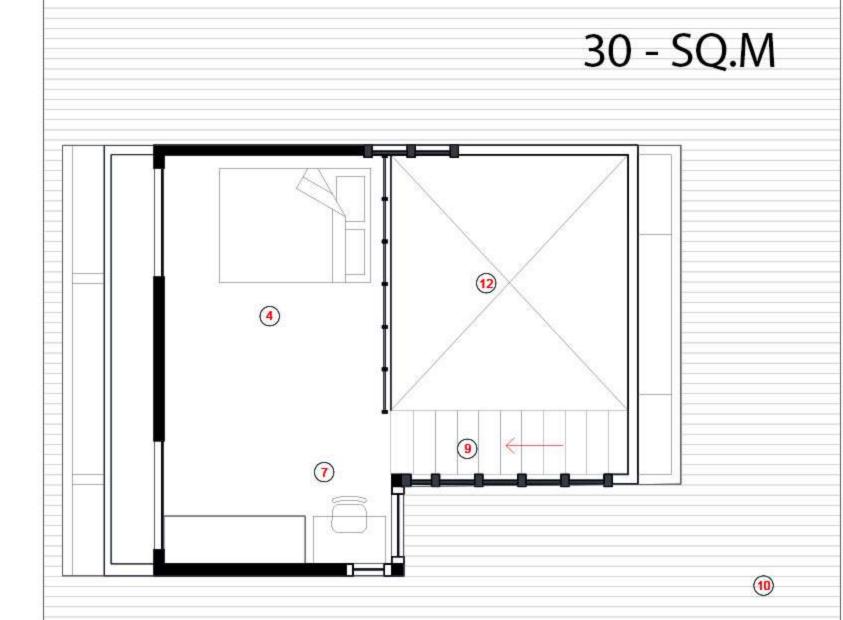


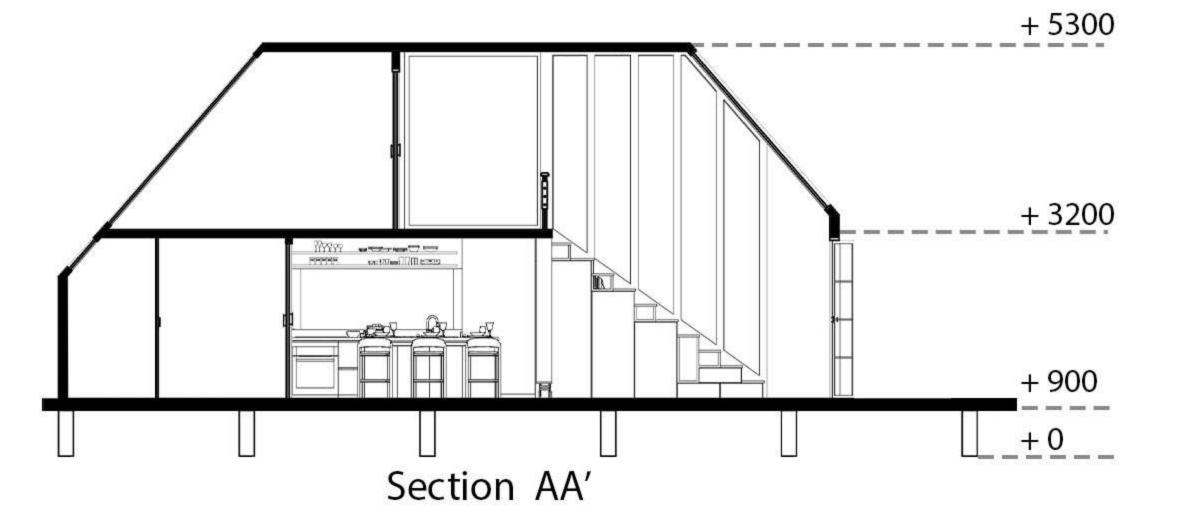












1. Living 2. Dining Kitchen 4. Couple Bed

5. Washroom

6. Deck

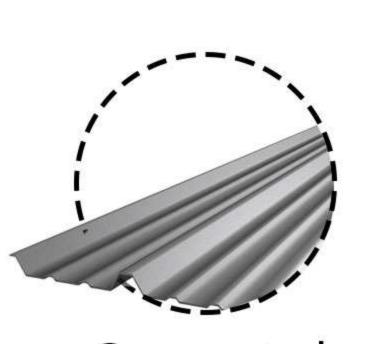
9. Machine store 10. Stairway. 11. Book shelf 12. Seen below

8. Study

7. Kids Bedroom

The sustainable solutions proposed for the community include vermicompost bins and biogas plants for waste management along with rainwater harvesting and grey water recycling for optimising water consumption. Off-grid energy solutions include solar panels on the flat roof and BIPV modules on the slope facing the south side.

The transformable furniture designed for the units assign multiple functions to the same space. The breakfast bar can be utilised as an extended kitchen countertop or a dining table. The single bed can be converted into a study and the living room center table can serve as a sofa as well as a guest bed. The provision of movable shelves for increased privacy and wall integrated hangers are other elements that aid the flexibility of the designed spaces.



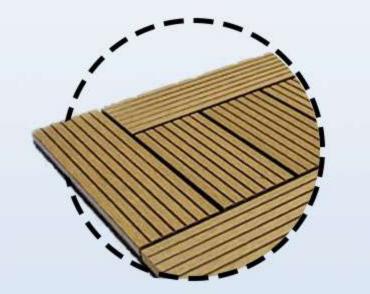
Corrugated metal sheet (Roof)



PVC Panelling (Interior Wall)



CLT - Panelling (Exterior Wall)



Wood-Plastic Composite (Deck)



