

Modular Floating Village

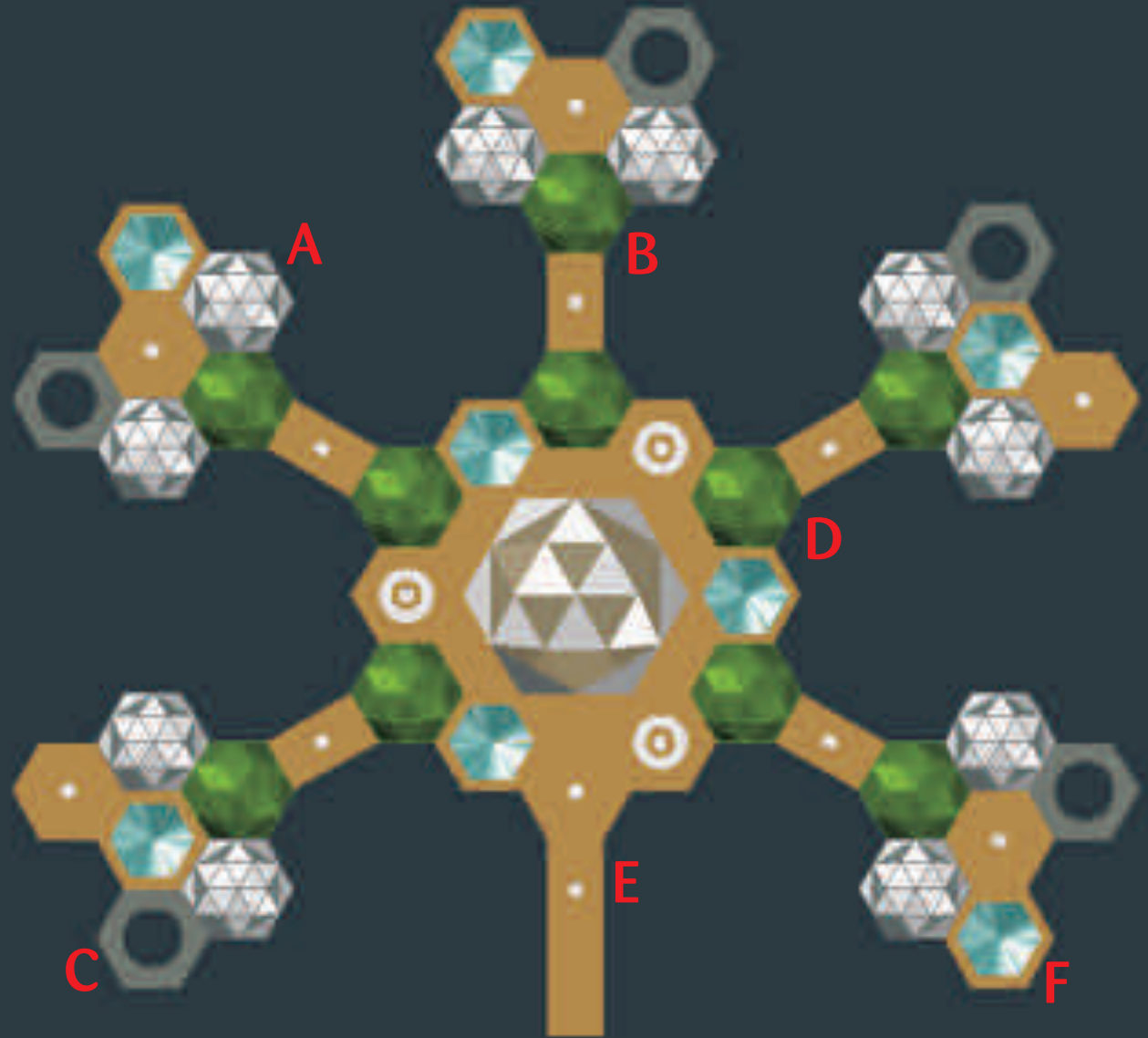


The Houseboat Design Contest

The Off Center Harbor

This project has the objective of building a self-sustainable, modular and 'green' floating village.





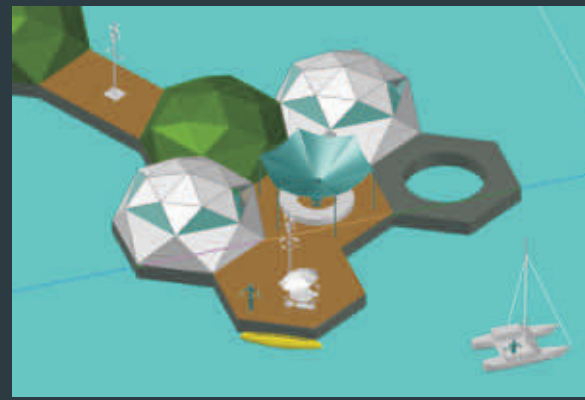
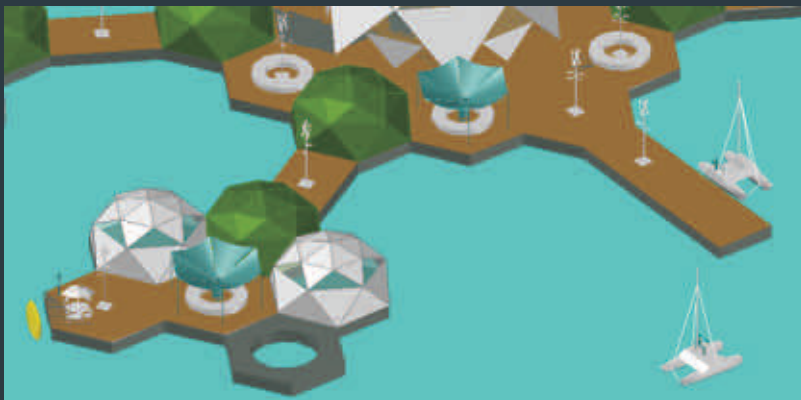
- Houses - A
- Greenhouses - B
- Aquaculture - C
- Gardens - D
- Eolic generators - E
- Rain/dew collectors - F



The 'buildings' are geodesic domes made of canvas strapped to a steel tubular structure. They rest on floating bases connected to each other.

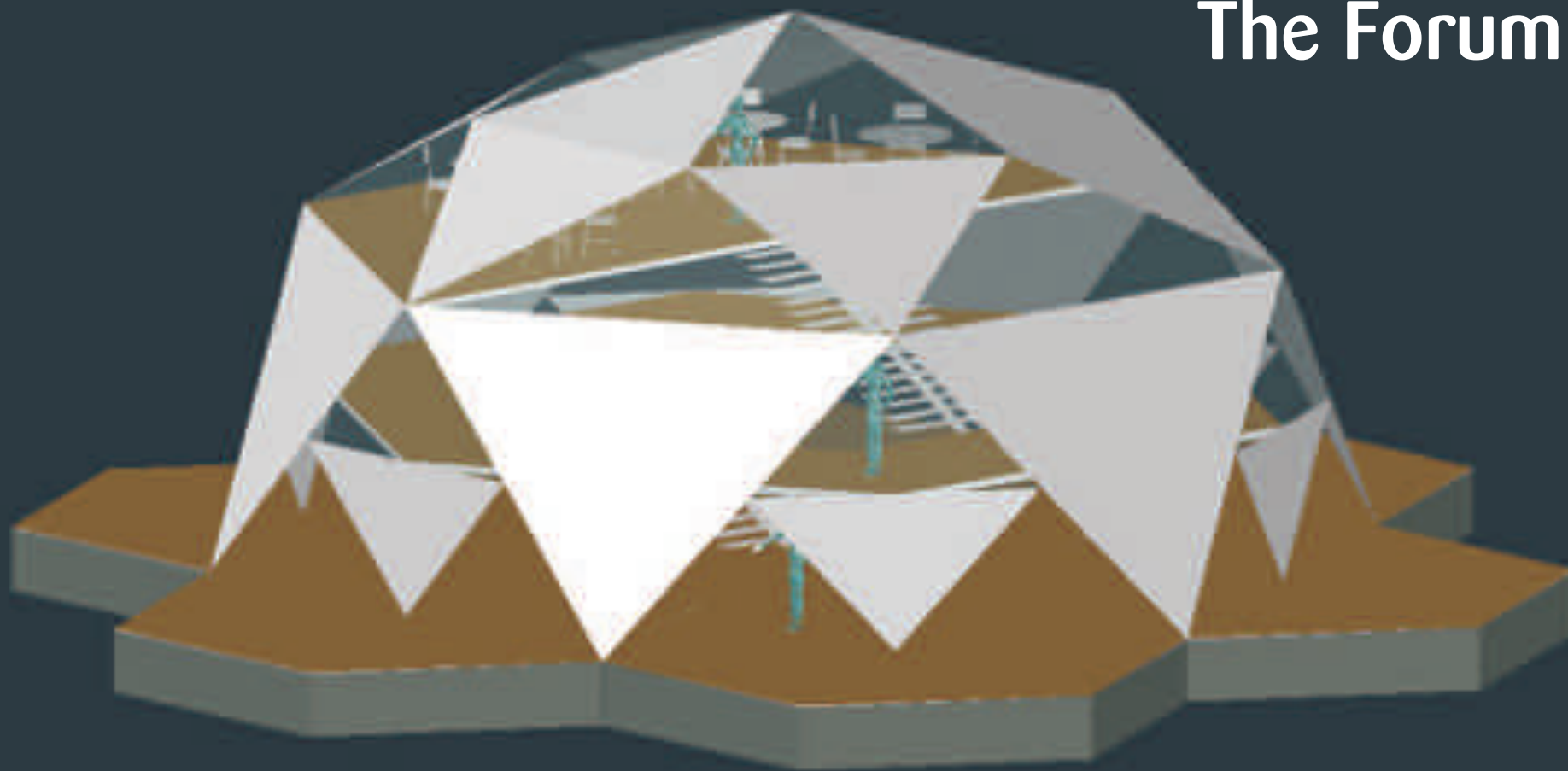
Each house is made of 2 domes and has it's own greenhouse, aquaculture pool, eolic generator and water collector.

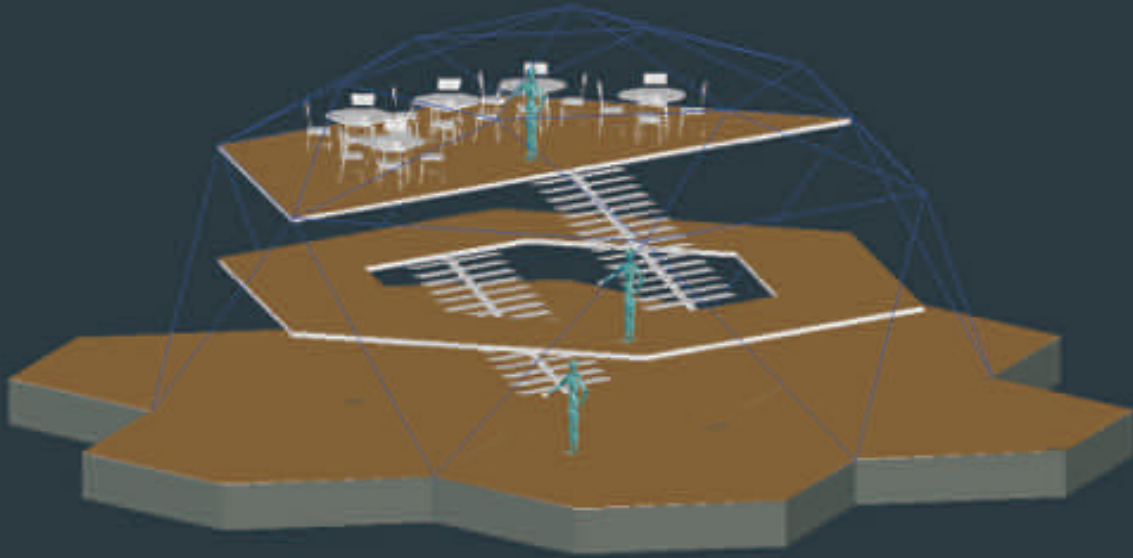
Up to 4 persons per house.



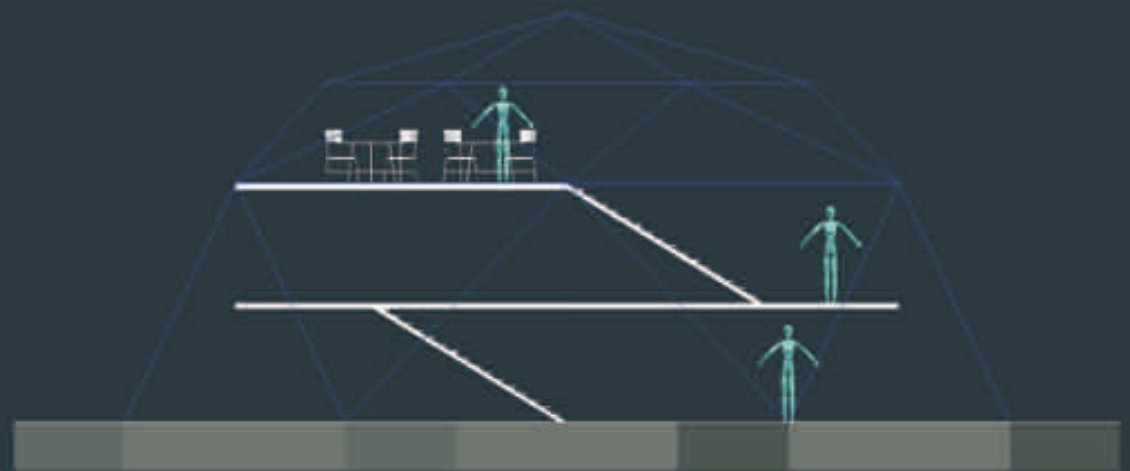
Other collectors and turbines scattered around the village are working to supply the Forum in the center and the gardens around it.

The Forum



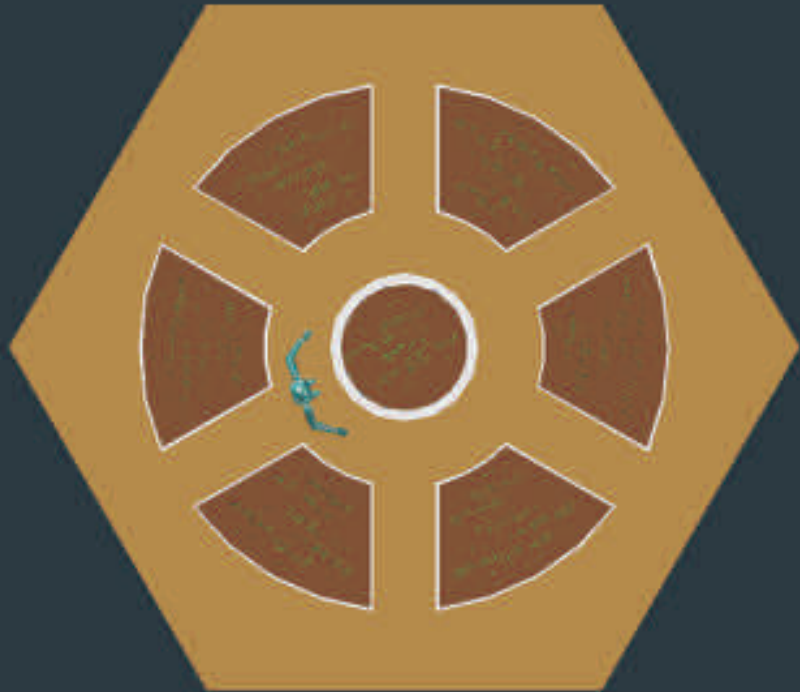


The Forum is the central dome, it's a multi-purpose public place.



Greenhouses





Hidroponics, Aquaponics or tradicional greenhouses.
Nothing in this project is 'sci fi'.

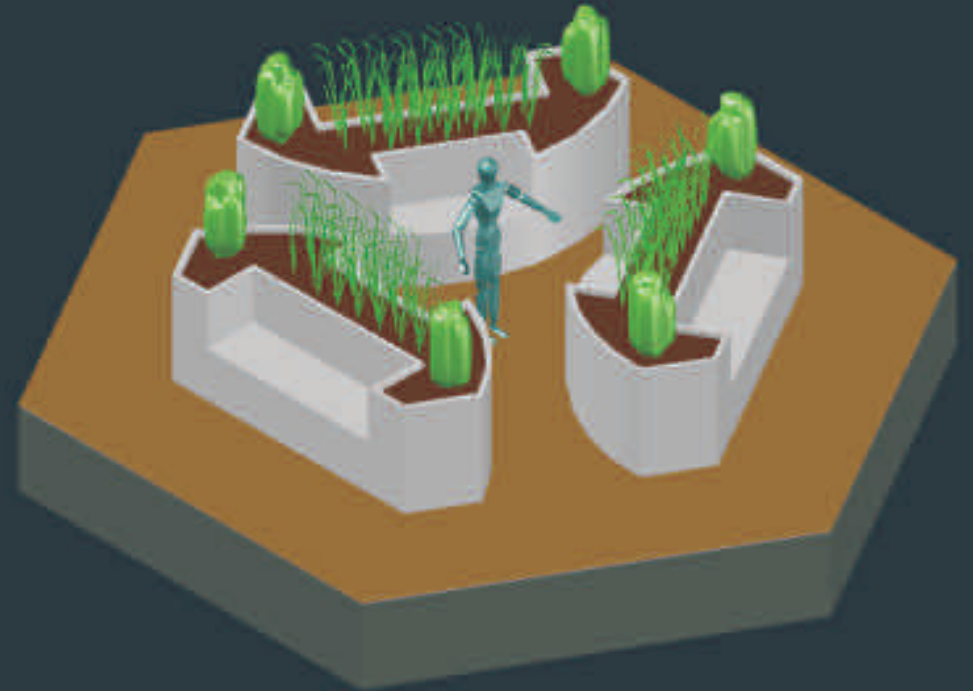


Gardens

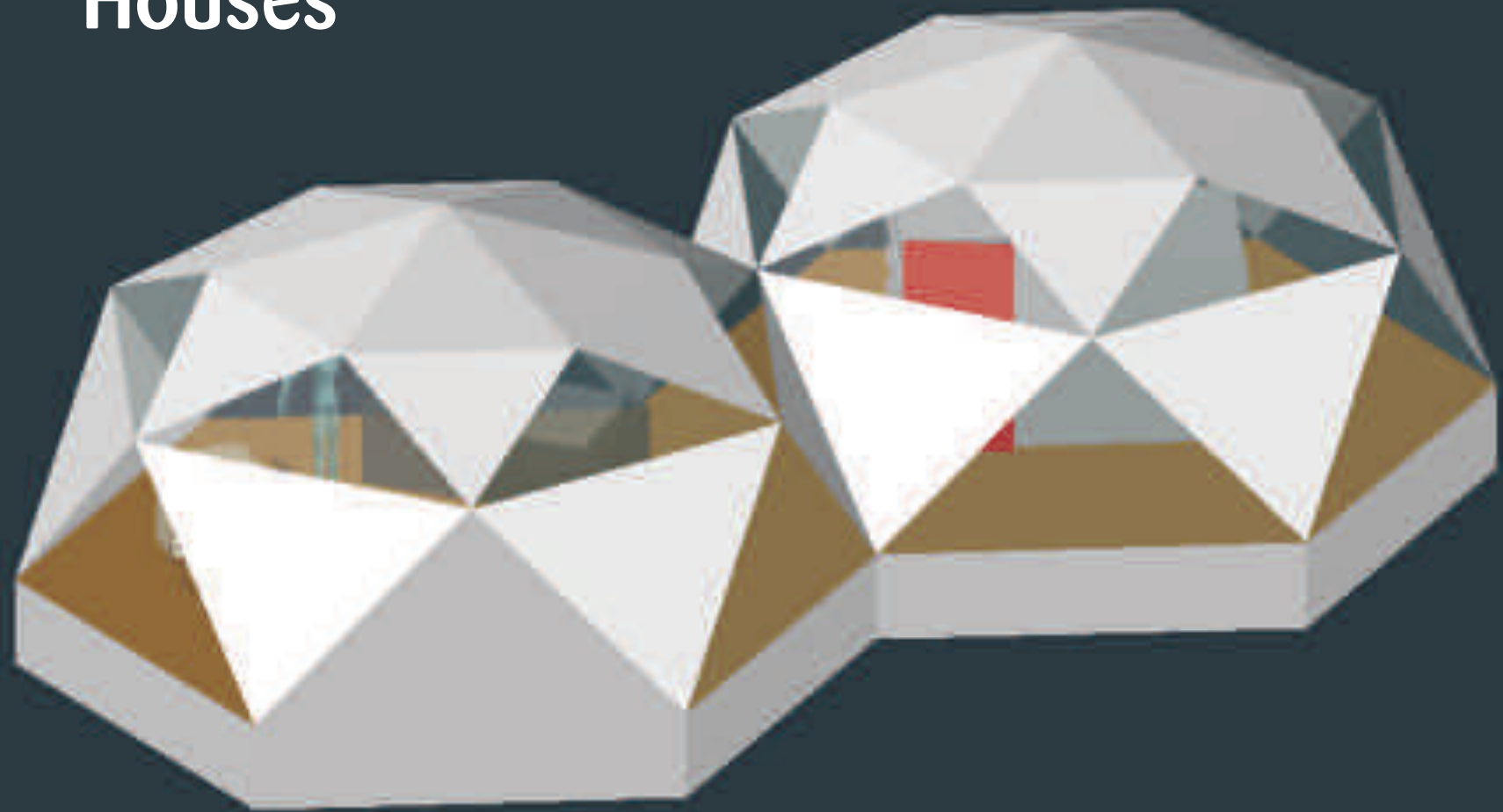


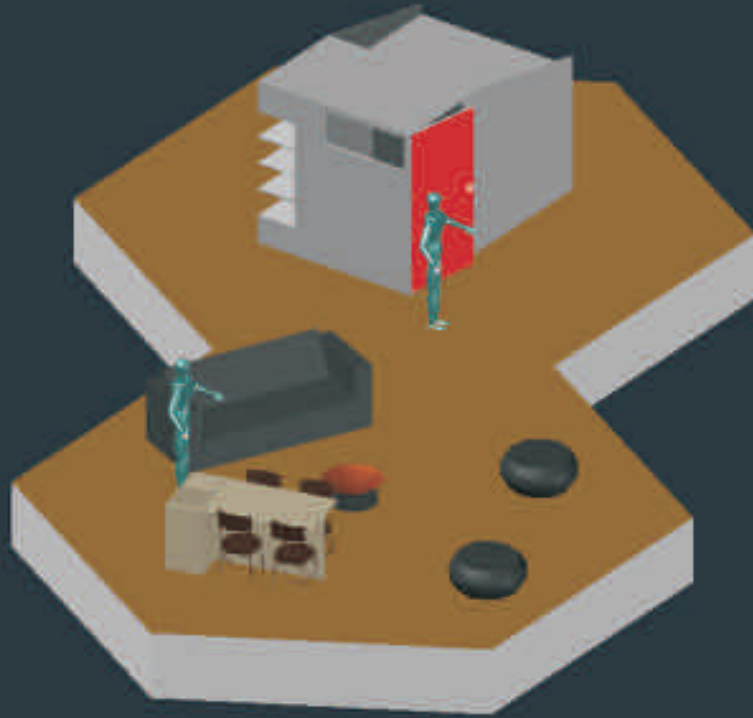


The gardens are also a public space but offers more privacy.



Houses

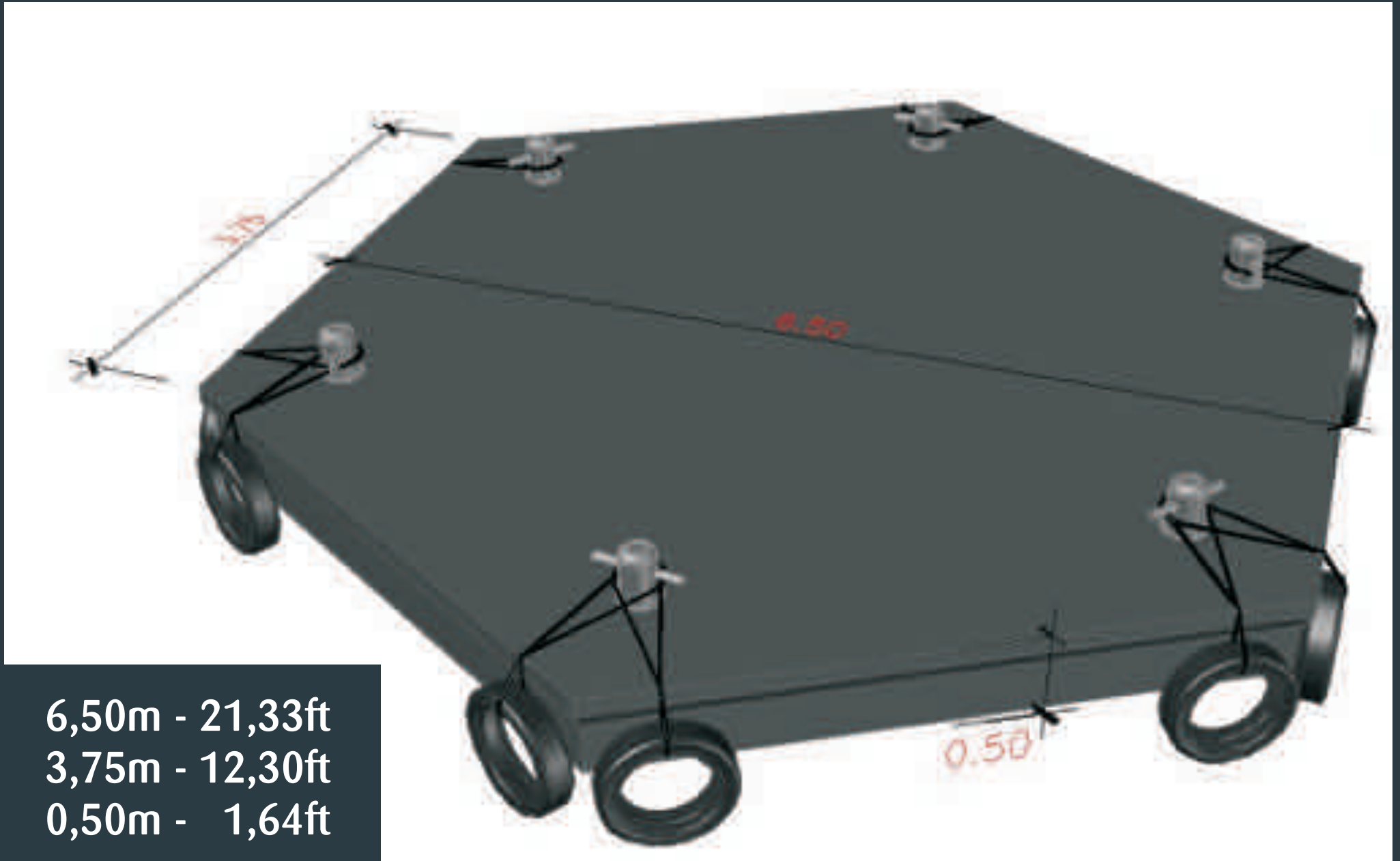




Just a sample of how the interior of an house could be. On top of the Bed/bathroom combination there's space for storage. Also the couch turns into a bed.



The Hexagon



6,50m - 21,33ft
3,75m - 12,30ft
0,50m - 1,64ft



The 4409lbs hexagonal bases are made of reinforced concrete filled with empty 1 gal bottles. The rectangular ones are made on the same principle and weight 3257lbs.

It had the purpose of giving a second chance to old bottles and tyres thus helping in recycling them.



Thank you

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