



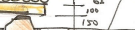
hexi-house

HEXAGONAL INSPIRATION FOR THE WORLD

www.hexi-house.com



Concept



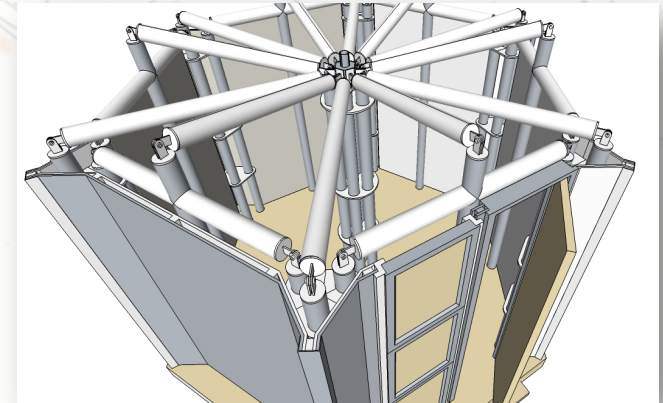
Materials

- Recycled cardboard wall and roof panels
- Cardboard tubing
- Timber pallets
- Recycled steel

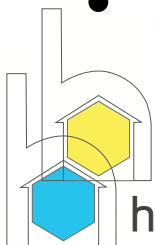


Kit House

- Arrives as two fully loaded pallets
- Easy to assemble
- No wastage – even pallets are used
- No need for skilled labour



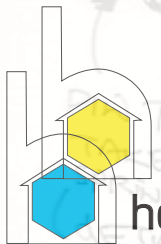
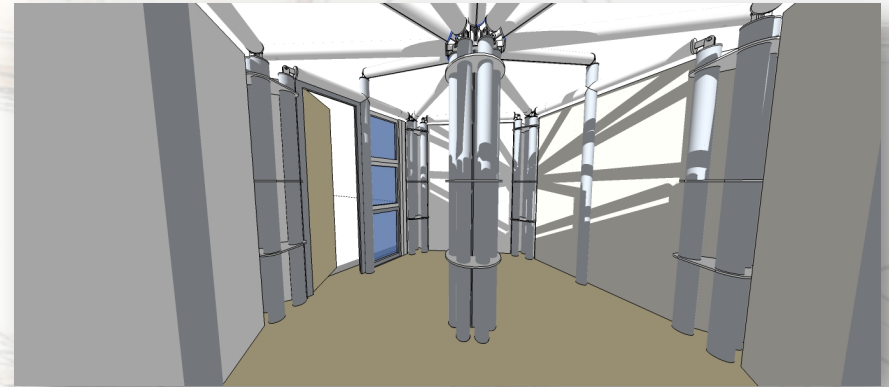
www.hexi-house.com



hexi-house

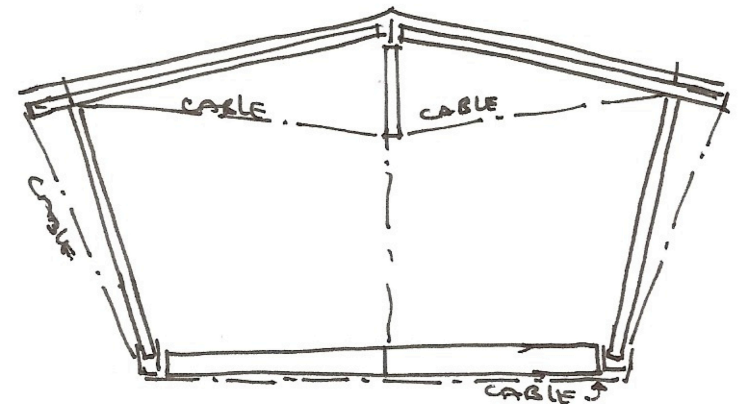
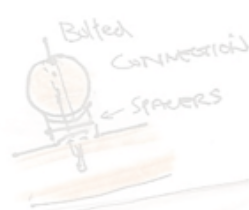
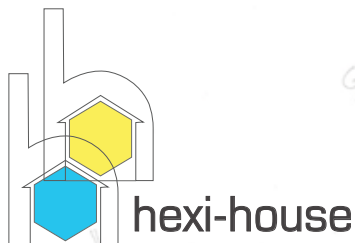
Components can be locally sourced

- Canopies
- Internal fixtures and fittings
- Pallets

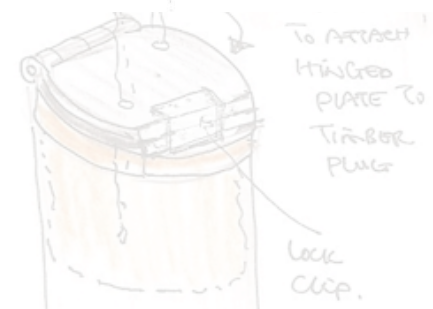


Structure

- Hexagonal plan form
- High tensile cables added robustness.
- Improved resistance to earth tremors



REMOVED DOWN PIPE
CONCEPT SKETCH



WHERE FLOODING
IS A PROBLEM
HEXI-HOUSE
COULD BE LIFTED
UP ON SILTS

Substructure

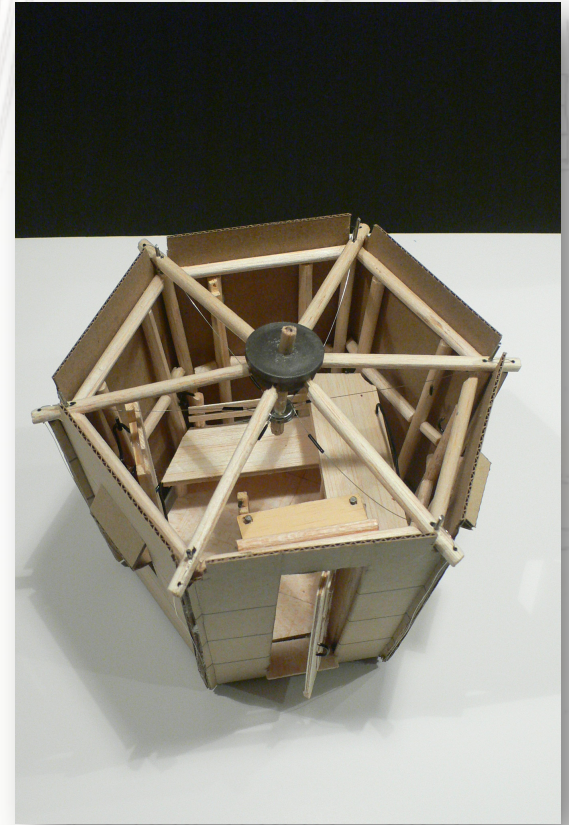
- Ground spikes avoid the need to pour concrete
- Triangular cable brackets
- Pegged stays can be used to improve resistance to wind



hexi-house

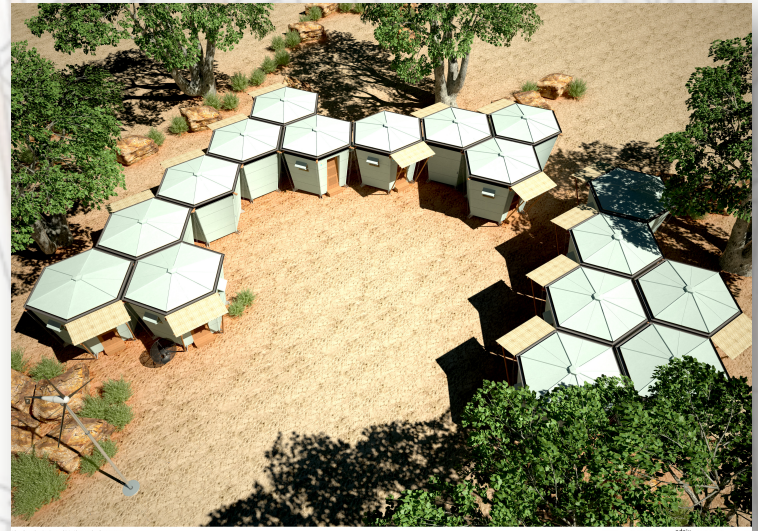
Versatility

- Built on stilts – for use in flood plains
- Maximum use of internal volume for night and day
- Provision of canopies
- Interconnectivity of individual units



The Matrix

- Modules can be built as part of a matrix
- 'Pop-up-village'
- Rainwater harvesting



Variations

- An elongated plan form for increased space standards
- Sanitary accommodation
- Health care provision
- Other communal facilities





hexi-house

HEXAGONAL INSPIRATION FOR THE WORLD

www.hexi-house.com