

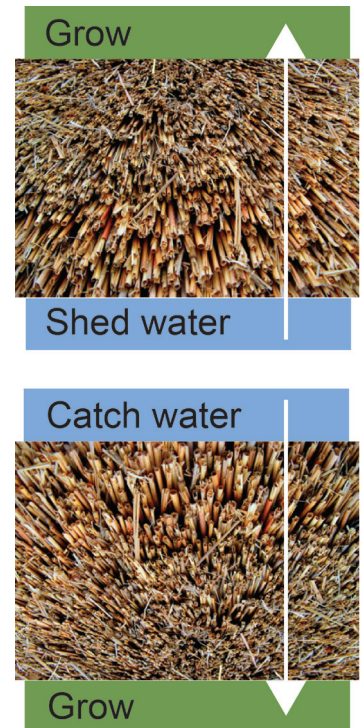
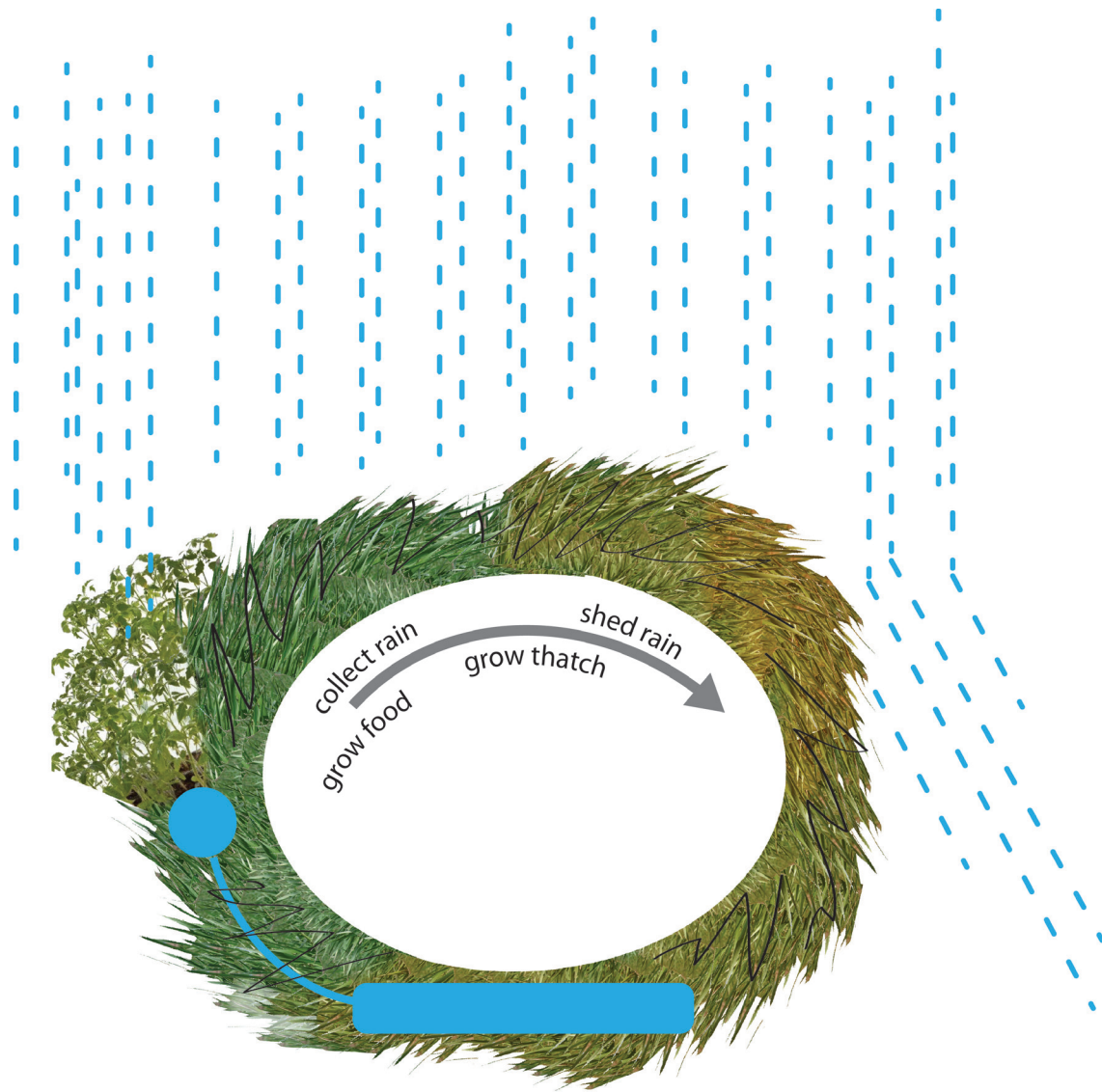
EQUILIBRIUM

Erin Moore *FLOAT, University of Oregon*

Iosif Dakoronias-Marina *Architectural Association*

Jenny Kan *University of Tokyo*

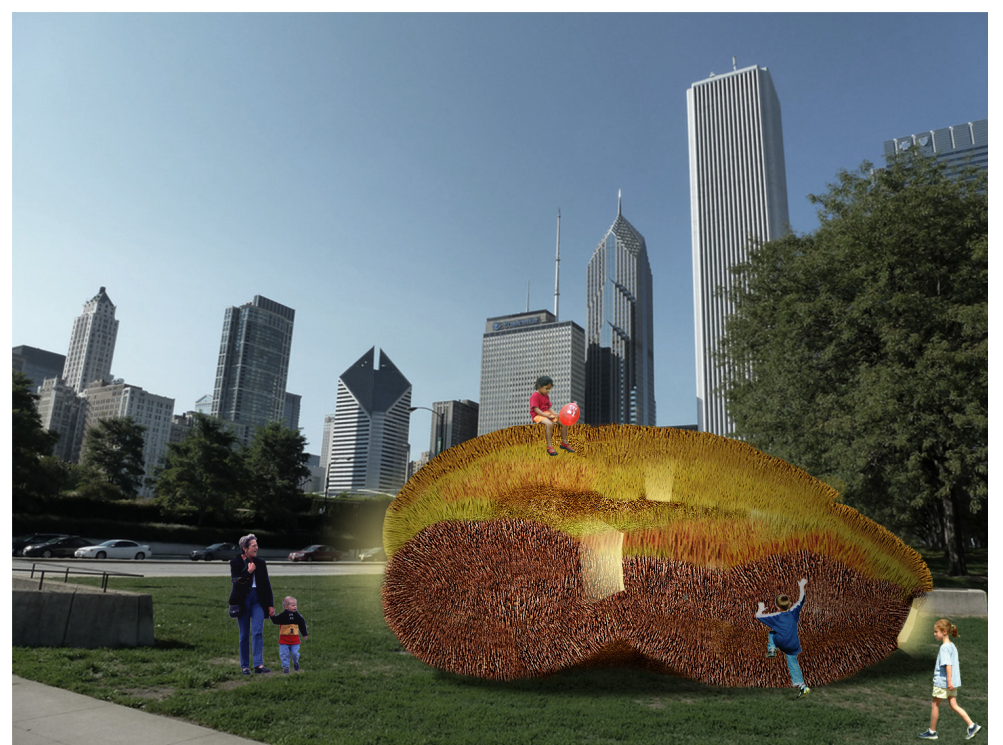
Yeonsang Shin *University of Tokyo*



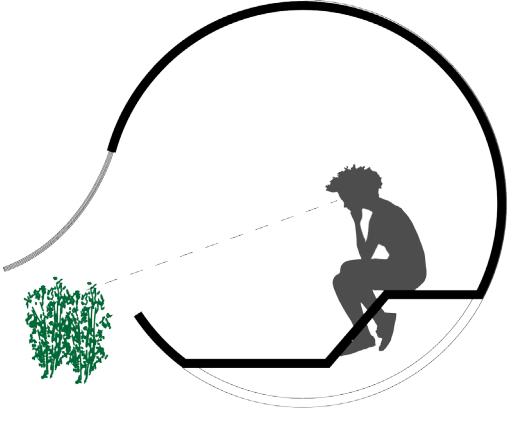
20 years	500 kg thatch 2500 MJ energy from sun 190 tons CO ₂ -equivalents sequestered	500 kg soil energy for plant growth carbon sequestered
	225 m ³ rain water	225,000 liters water water for showers and toilet
1 year		



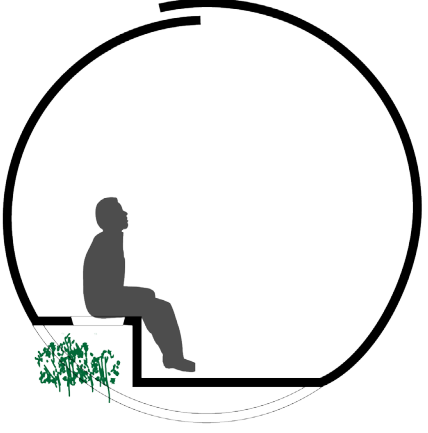
oxygen (O)
water (H₂O)
carbon dioxide (CO₂)



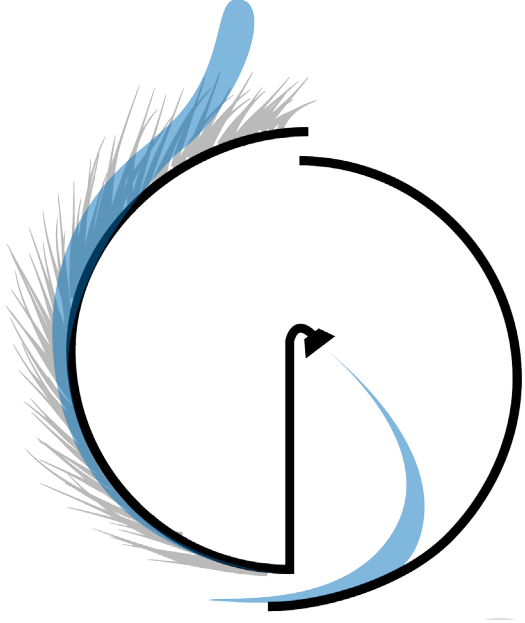
Earth



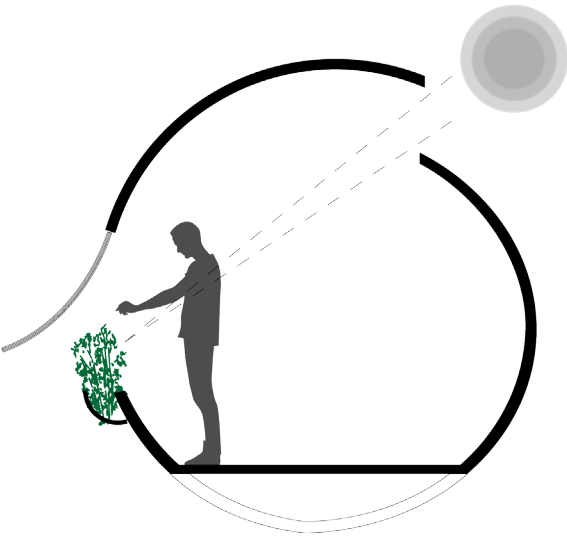
Nutrient cycling (toilet)



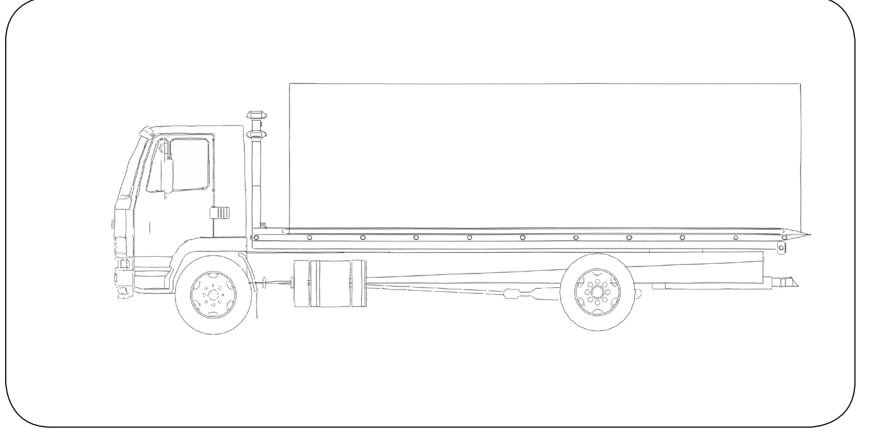
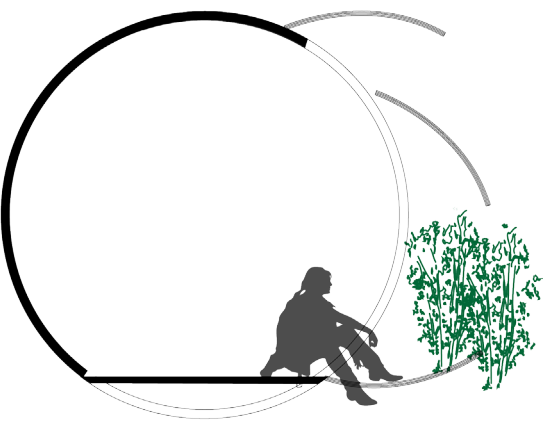
Water



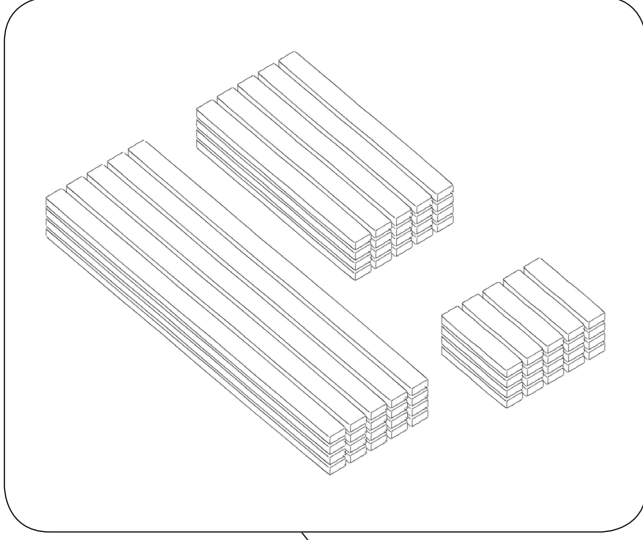
Propagation



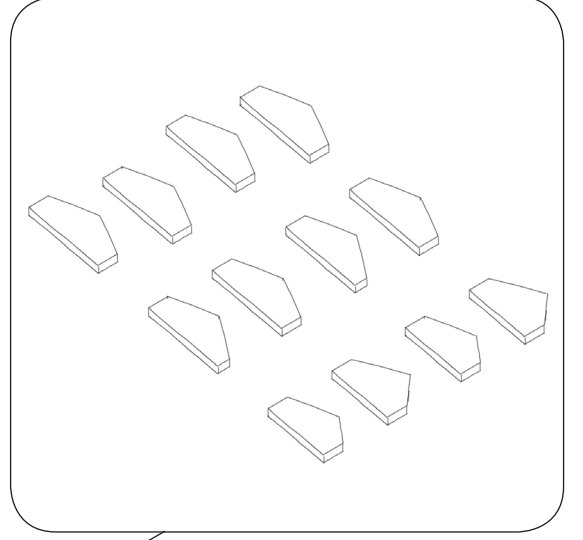
Reflection



Kit of Parts

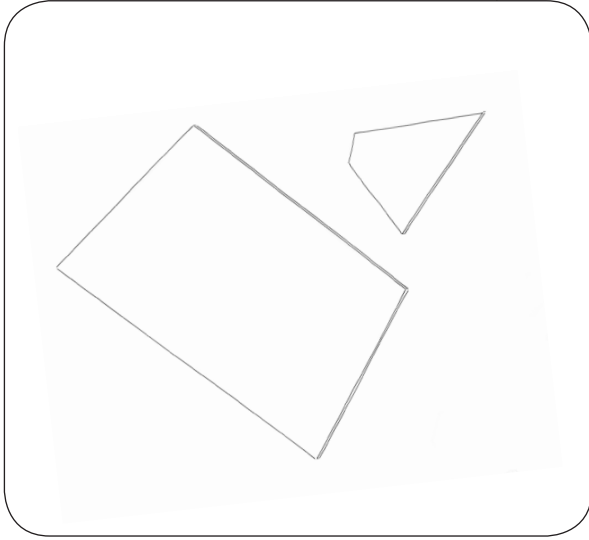
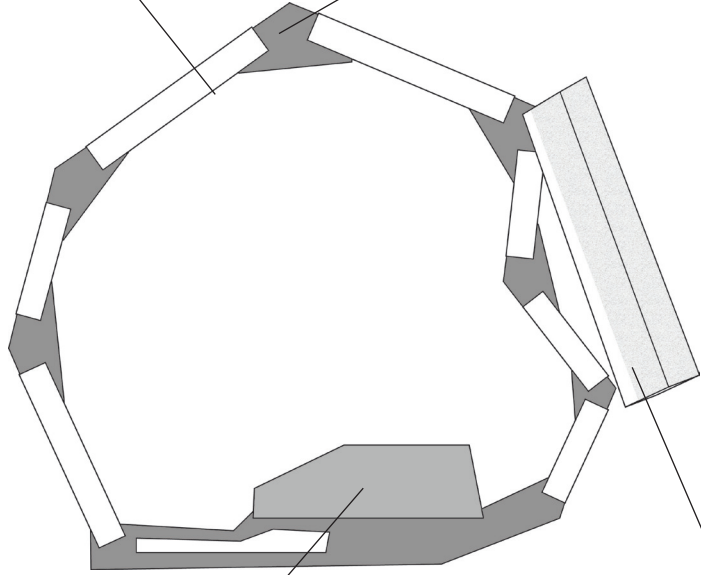


Natural Timber

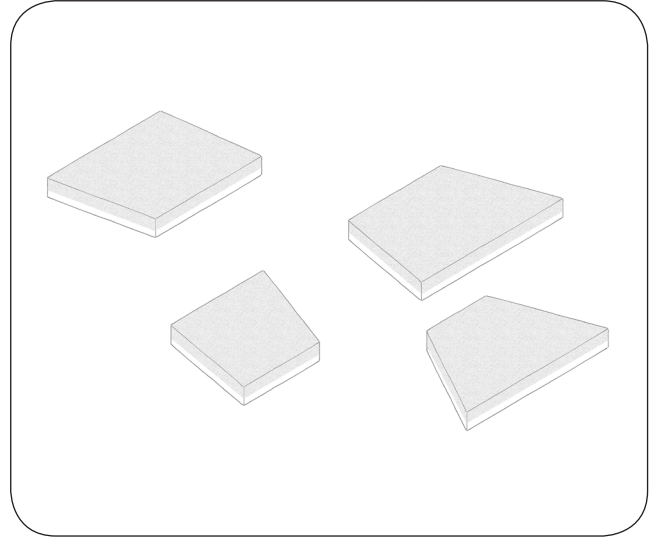


CNC processed LVL

Structure



Floor Panels



Thatch Panels

Surfaces