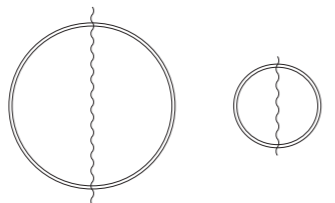
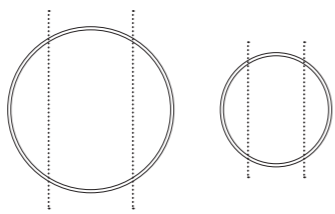




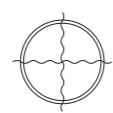
Milling / Cleaving Cut Ø Roundwood



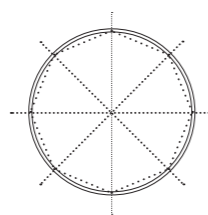
- Cleaved / sawn half-round timber frame.
- Uses small to medium diameter roundwood.
- 'C' shaped panel system for creating sinusoidal curves.
- Stackable for multi-storey construction.
- Integrated flexible insulation and vapour permeable membrane.



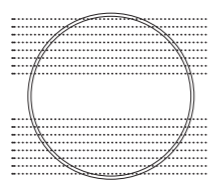
- Parallel sawn small and medium diameter roundwood.
- Tension wood outer profiles for lattice or multi-layered gridshell construction.
- Heartwood core for curved, steam bent arches or mechanically laminated beams.



- Quarter-cleaved small diameter roundwood space frame struts.
- Re-configurable to multiple geometries and components; deck, wall, roof.
- Lightweight, stiff, demountable structures.
- Potential for external use (stainless steel fixings + durable cleft timber.)



- A-frame constructed from structurally optimised 'XR' beams.
- Stopped radial-cuts from large diameter roundwood.
- Thermally broken structure using interlocking plywood gussets at the axis.
- x4 'XR' beams per log.
- Low processing waste compared to traditional rectangular section timber.



- Splayed / fanned column.
- Stopped parallel cuts on a sawmill.
- Uses large and medium diameter roundwood.
- Uses inherent tension + compression in the material to create a distributed moment connection.

Description

Prototype

Building System

