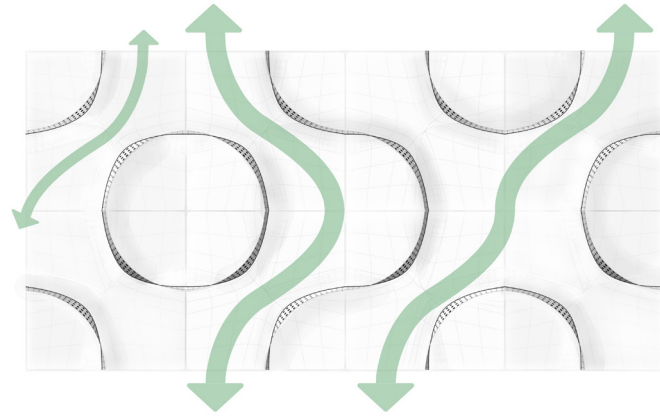


Modularity

Our Initial idea was to create a unified unit system that can be merged with neighboring units, after researching the Modularity of minimal surfaces the simplified version of the batwing minimal surface was the most suitable for our goal as it allow for a seamless connection while maintaining rotation of 90°, creating a variation of option and spaces with each rotation.

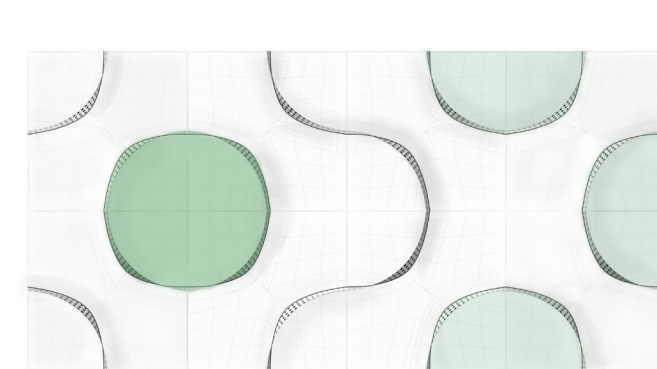
As each unit is composed from 12 identical quarter arc this makes the fabrication much more cost efficient.

Permeability



Circulation that guide the pedestrian through a new environment inside, full of new experiences.

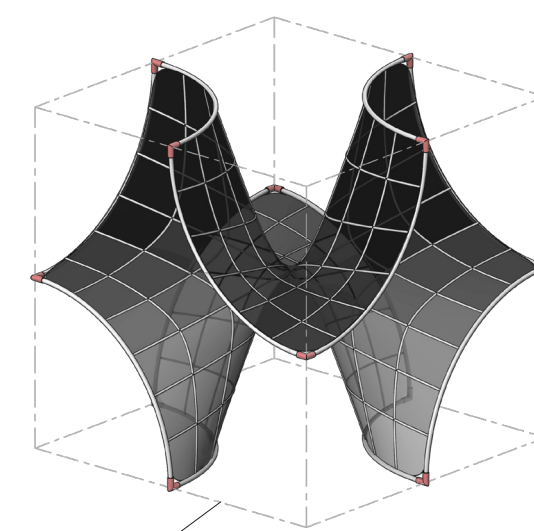
Community



The structure provides community areas where the transparency and the surrounding vegetation make space for exhibitions and lectures.

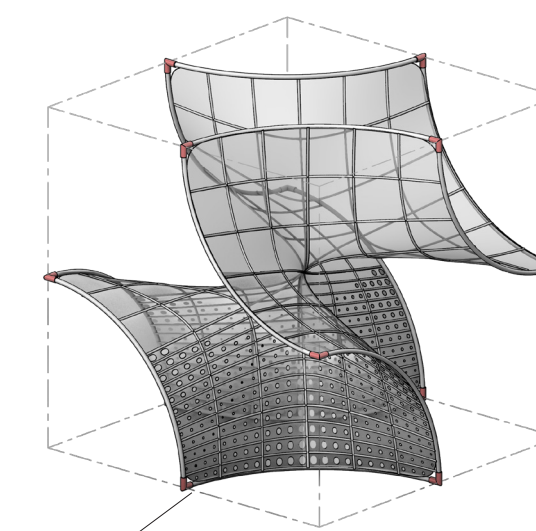
Upper Moudle

(Water / Solar Collecting)



Lower Module

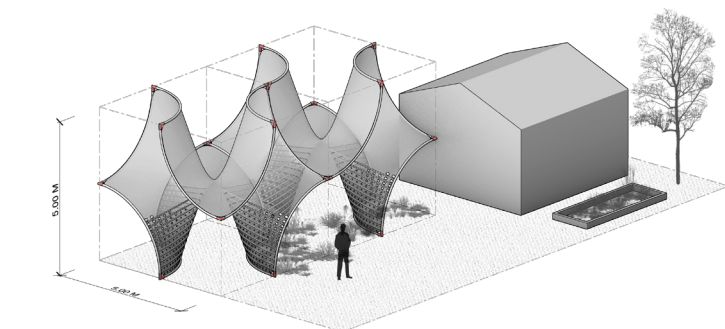
(Vegetation / Social Space)



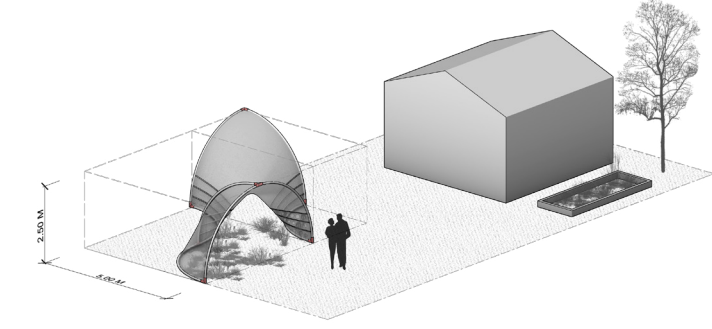
Second Life / Smaller

After the exposition ends It's possible to reuse all the structural quarter elements to create a smaller scale garden with variation of spaces which can be invested for personal or Public usage.

For example upgraded Kleingartens in the neighboring areas of Wilde-Au, Sellweiden and Wall Stadt.



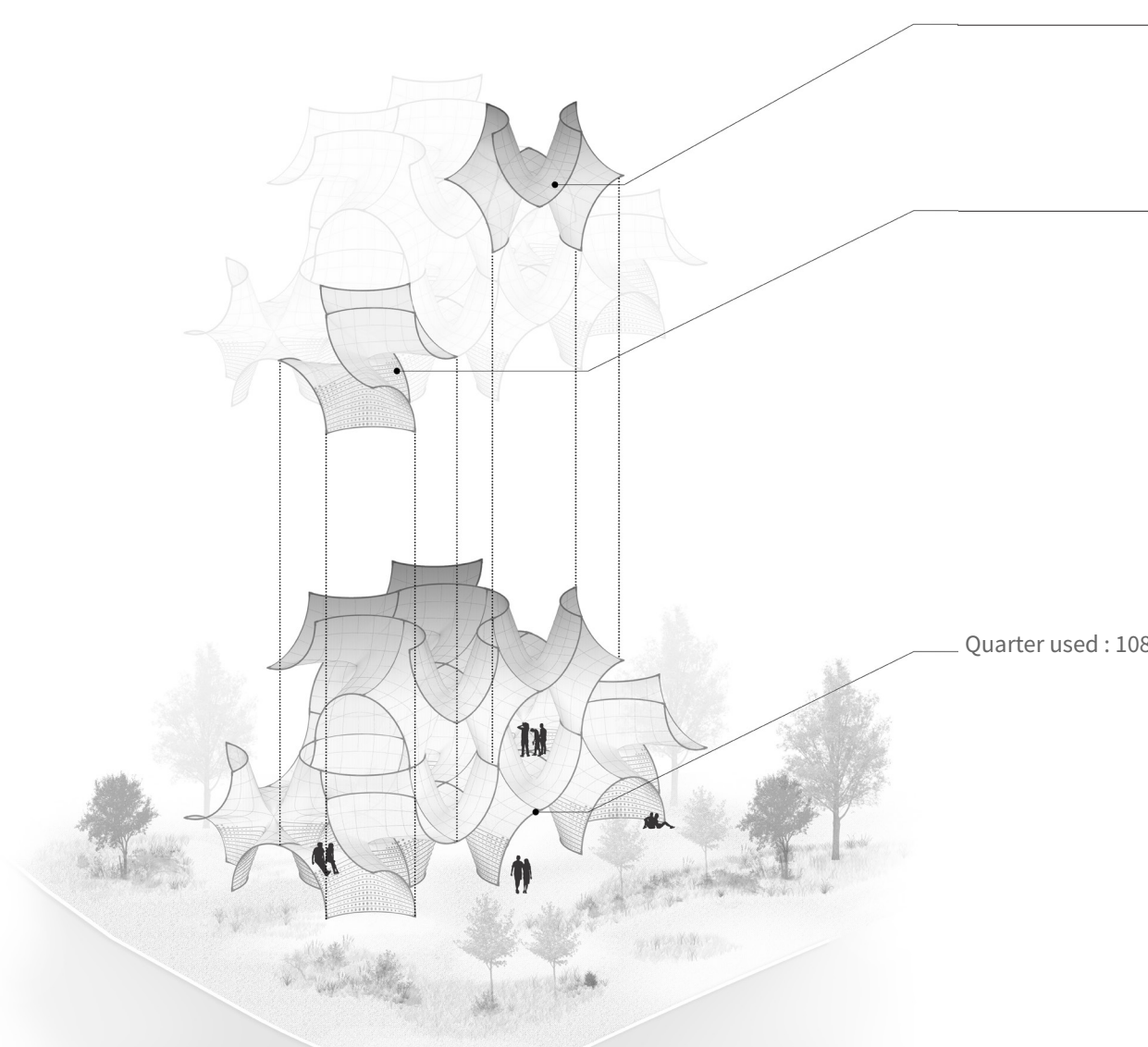
Quarter used : 22



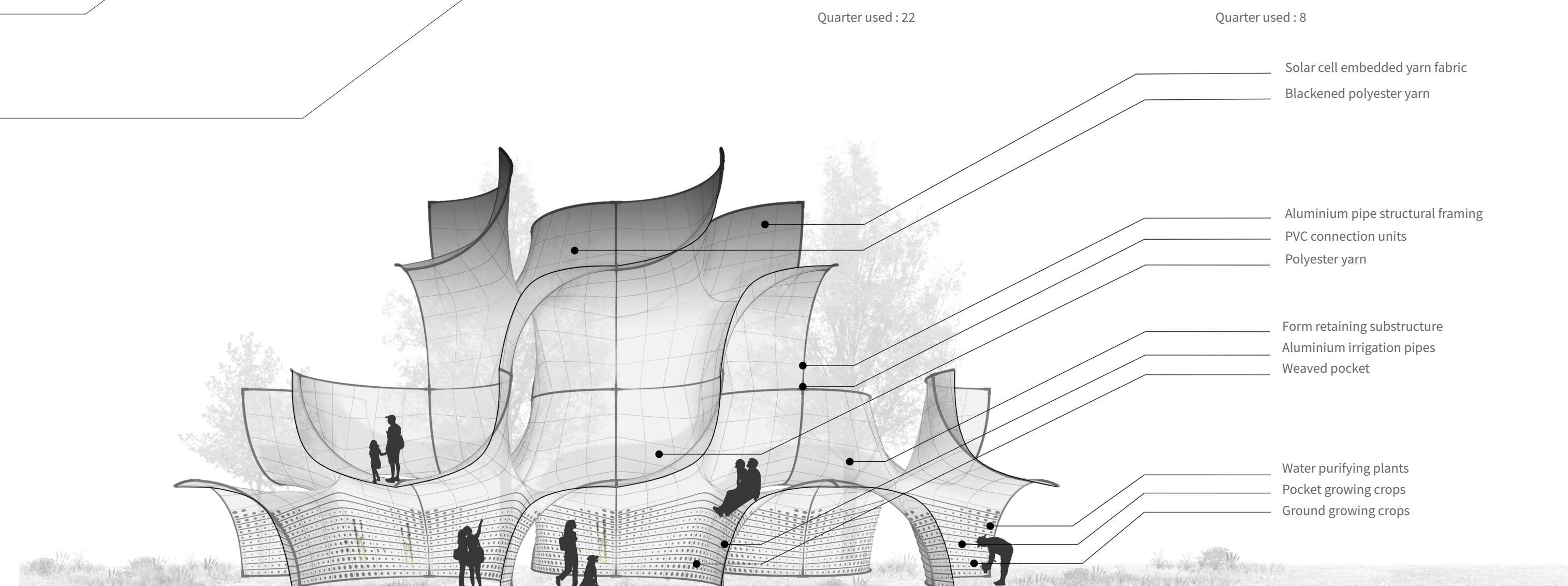
Quarter used : 8



Floor plan 12 Module connection



IsoMetric Showing the connection of 12 Module



Section Showing the connection of 12 Module