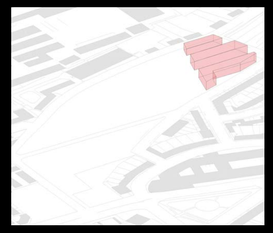
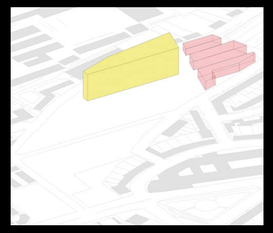
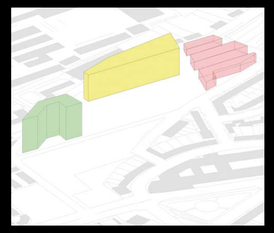
Phasing of Site



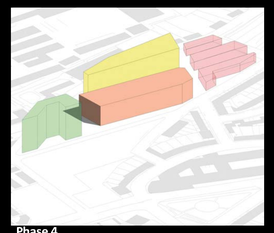
Phase 1



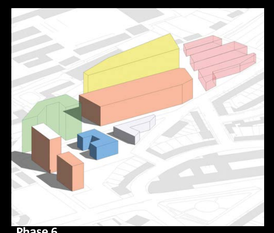
Phase 2



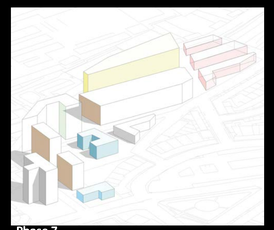
Phase 3



Phase 4

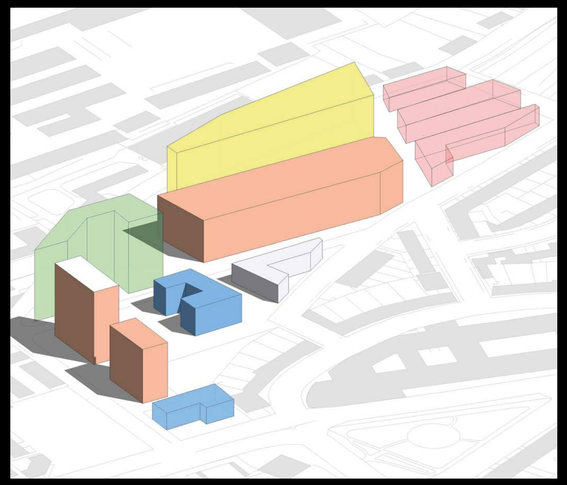


Phase 6



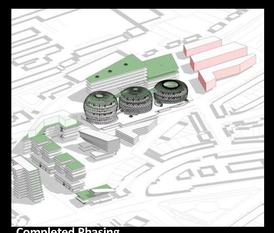
Phase 7

Phasing Site Plan



Phasing Site Plan iin persepective

My chosen site is Site 4 as it central to the proposed development site and has the most difficult connectivity between spaces to design.



Completed Phasing

1 / 1405 Site Plan
1 : 1000

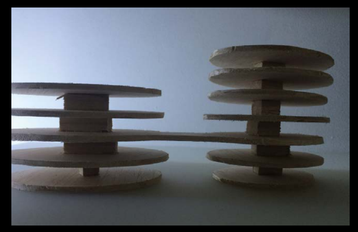
0m 20m 40m 60m 80m 100m
VISUAL SCALE 1:1000 @ A1

STUDIO 21:
POROCITY
PAUL TAYLOR

Models

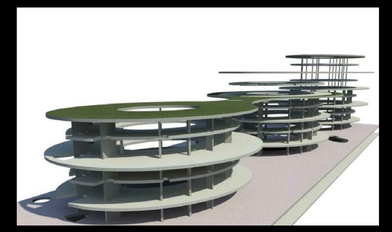
Sketch Model made from balsa wood 1:200 @ A1

Sketch Model made from balsa wood 1:200 @ A1

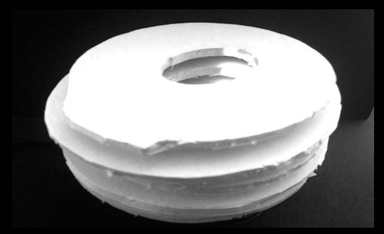


Sketch Model made from balsa wood 1:200 @ A1

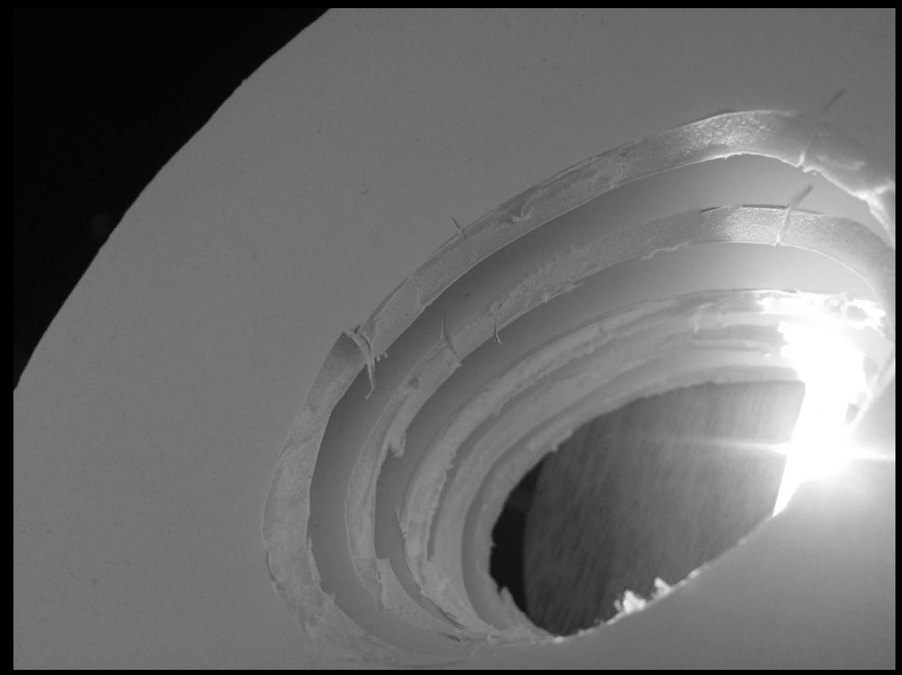
Sketch Model made from balsa wood 1:200 @ A1



Digital structural model



Sketch Model made from foam board 1:100 @ A1



Sketch Model made from foam board 1:100 @ A1

Research of this project laid out in Site Book from this hard and soft research I recognised that there is are many self employed, start up companies and universities in the area. Many start up companies are started from people in their early twenties.

With this in mind my buildings concept is to respond to people living and working in the same area. The building has retail areas which can work as one office or one office of many of the same company. These spaces equally lend themselves to retail use as the connectivity to the outside is easy and viable.

Flat type 2 has a flat with a room with direct access into the atrium for small offices separate from the living accommodation. This is to allow for smaller companies to start up or for those who wish to work from home such as solicitors tax advisers, Architects to name a few. Those who can work largely anywhere but also benefit from having premises for interaction with clients and authorities. The building also has meeting rooms on several floors that can be booked.

Buildings that house flats and offices in London can always feel a little bland and suffocating as there is limited outdoor areas and if there are they are sometimes wind swept and devoid of planting. The contrast between East and West London that affects me is the difference in the number of trees.

When I lived in East London the lack of avenues and trees generally was noticeable as there was no barrier from vehicular roads or noise. When moving to west London the number of trees is noticeable and even in the most unattractive area they help give a human scale.

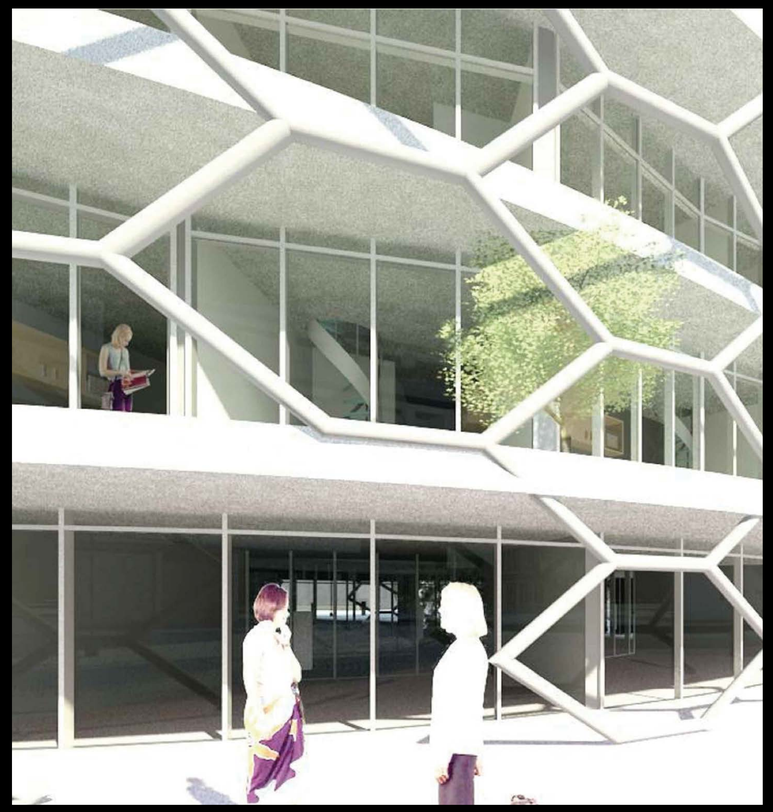
The ground floors I see as being shops or offices the building being flexible to react to demand and not be constrained. The lower ground floor will house a gym, coffee shops that can be accessed from the ground floor should it be two stories. Refuse and recycling, cycle storage, additional business and office and plant rooms are located on these lower floors that don't have to be accessed so freely by the public.

The flat roofs are made usable by an intensive green roof which means taller trees and flowers can be planted to create a roof top forest. This is to house a tea house/Public house small enough with low ceiling to feel cosy and personal that can spill out into the roof garden. There is also a room to act as a small community room and/or meeting room for the offices inside the building.

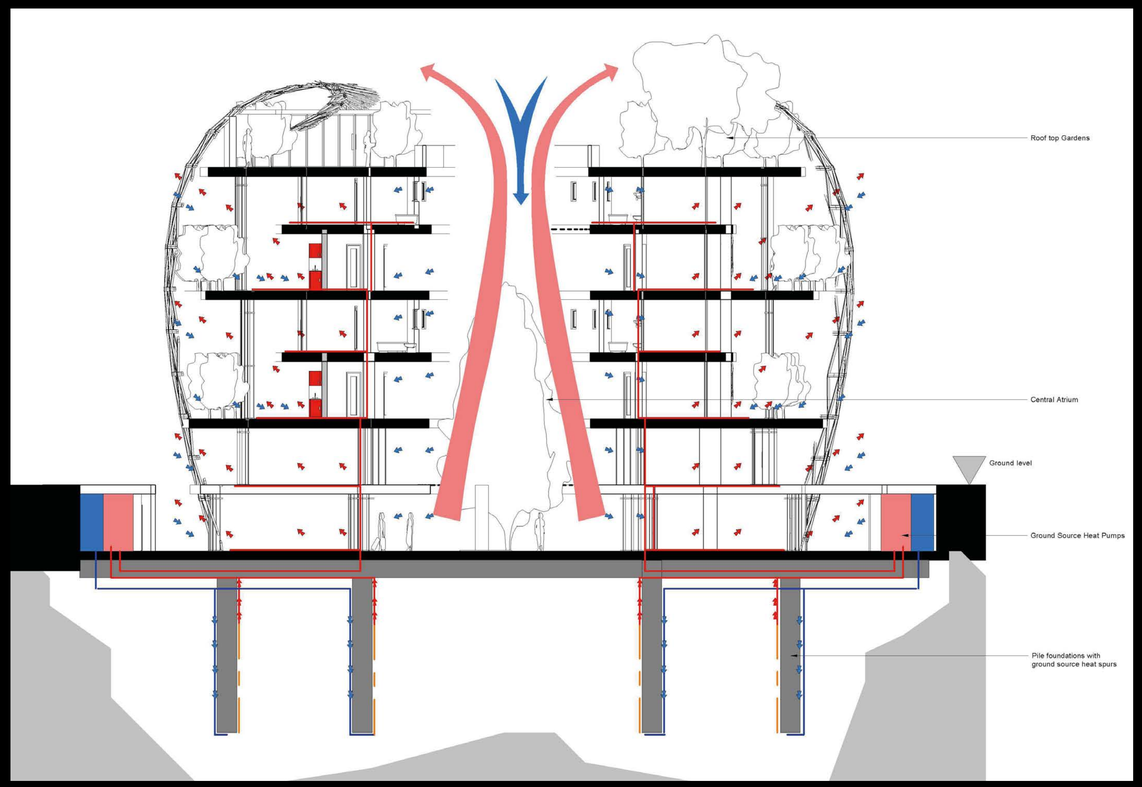
The shape of the building was not from an individual idea but organic developments from interrogations during critiques. The end result is three shaped buildings that are well illuminated using natural light, naturally ventilated with flats that are within size recommendations with easy and inviting access into all three buildings.

Each building has an open core to allow for illumination from natural light and natural ventilation but adds protection from inclement weather. The internal atrium will also help encourage community with social areas on each floor and retail areas at the top and bottom of each building. The atrium curvature prevents hidden corners to help add security and encourages interaction with building users.

Circulation



Entrance to ground floor



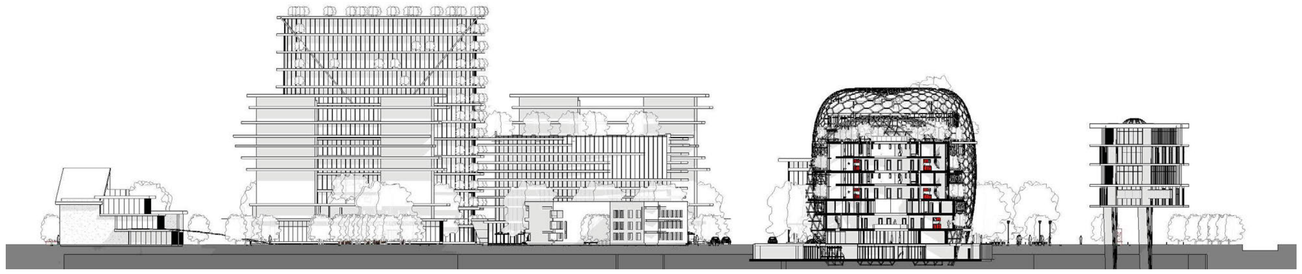
Section of building indicating natural ventilation

To be the most efficient I proposed to have under floor heating in the slab under the screed. Although I haven't shown it on my visuals I will use solar panels on sections where the sun its most advantages and with ground source heat pumps for communal heating and hot water.

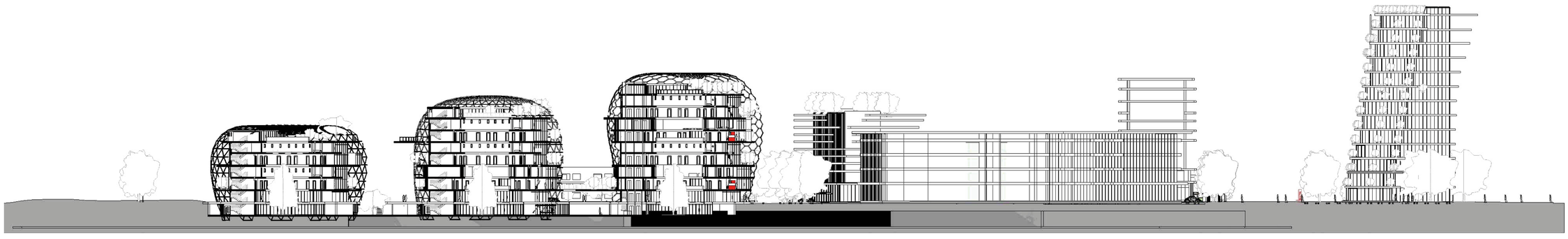
Site Section 1

Location Plan

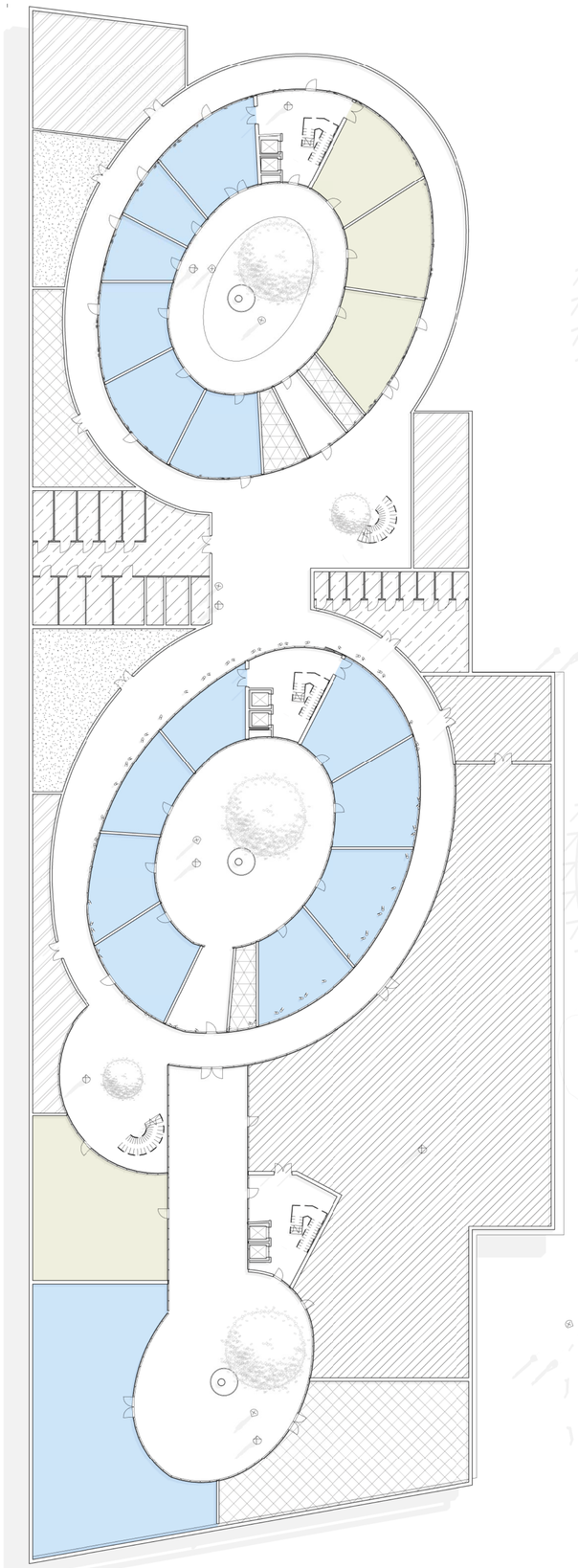
Site Plan



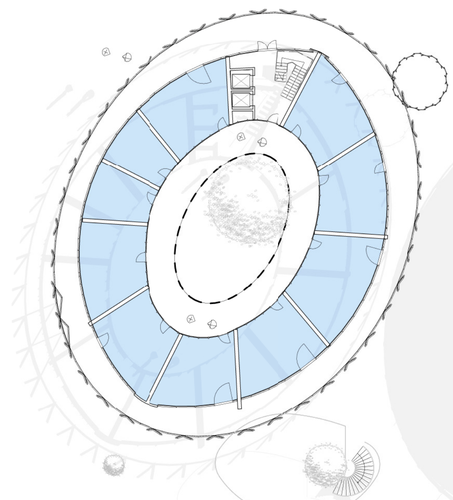
Site Section 2



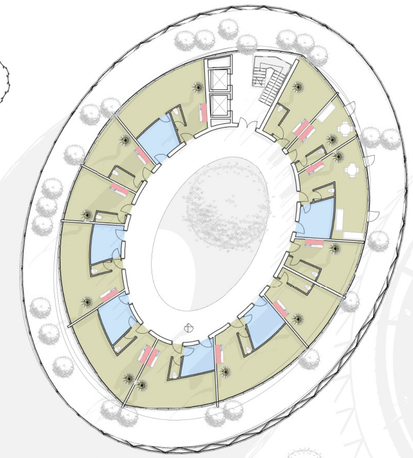
Site Section 3



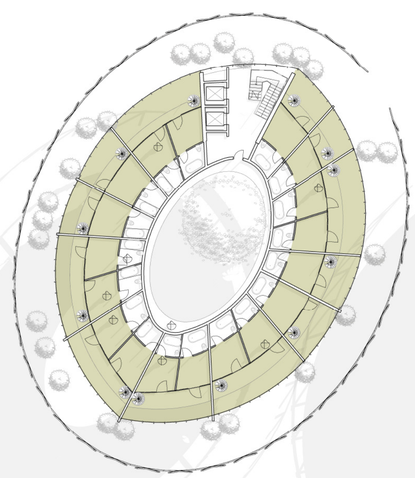
1 0 (Lower Ground)
1 : 250



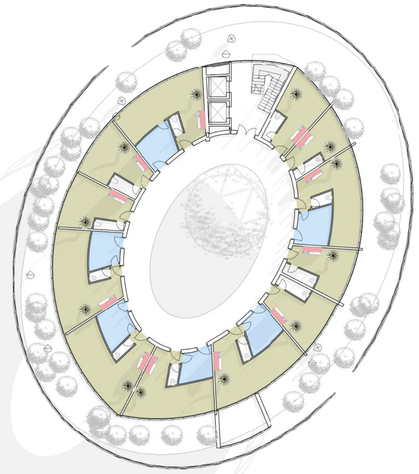
2 0.0 (Ground Floor)
1 : 250



3 0.1 (First Floor)
1 : 250



4 0.2 (Second Floor)
1 : 250



5 0.3 (Third Floor)
1 : 250

Room Legend

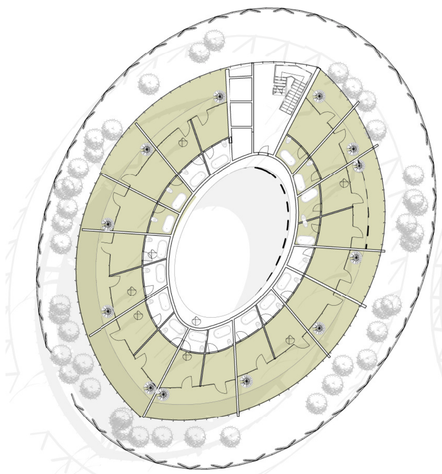
- Boiler
- Circ
- Cycle Store
- Dwelling
- Gym
- Refuse Store
- Retail
- Retail-Restaurant
- Store
- WC

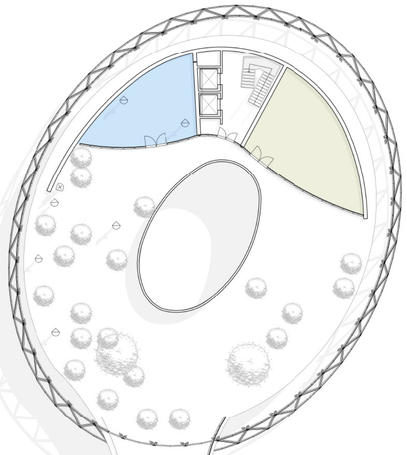
N

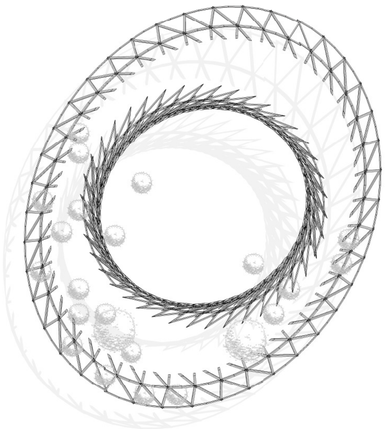
0m 5m 10m 15m 20m 25m

VISUAL SCALE 1:250 @ A1

STUDIO 21:
POROCITY
PAUL TAYLOR

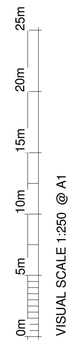


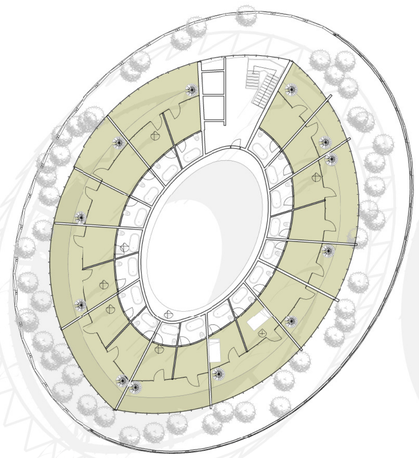




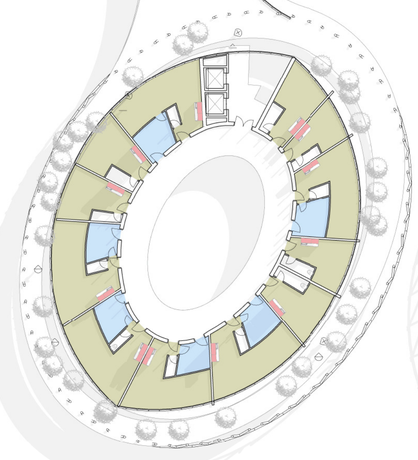
Room Legend

- Boiler
- Circ
- Cycle Store
- Dwelling
- Gym
- Refuse Store
- Retail
- Retail-Restaurant
- Store
- WC

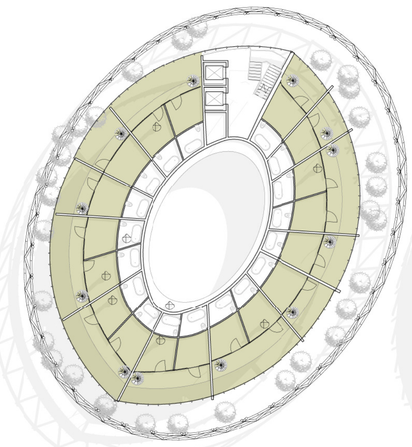




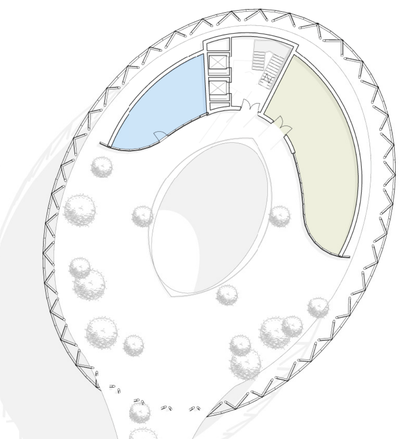
1 0.4 (Fourth Floor)
1 : 250



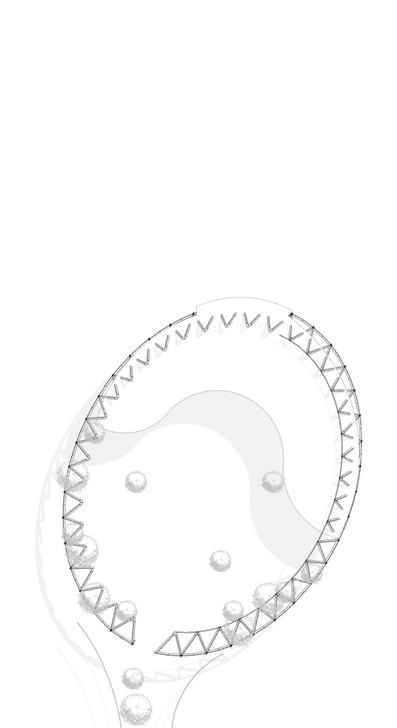
2 0.5 (Floor)
1 : 250



3 0.6 (Floor)
1 : 250



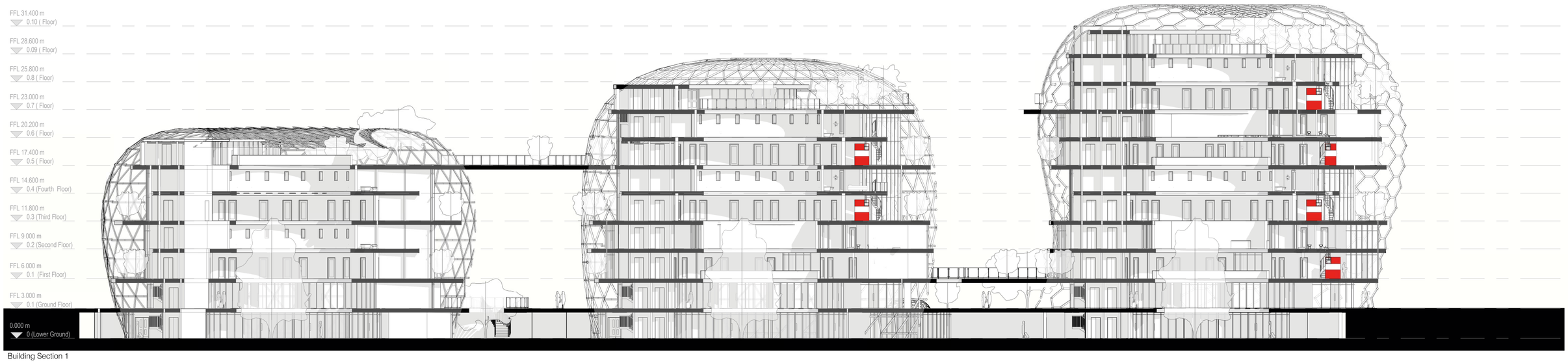
4 0.7 (Floor)
1 : 250



5 0.8 (Floor)
1 : 250

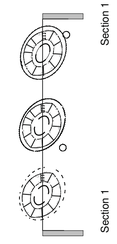
6 0.09 (Floor)
1 : 250

STUDIO 21:
POROCITY
PAUL TAYLOR



1 Building Section 1

1 : 200

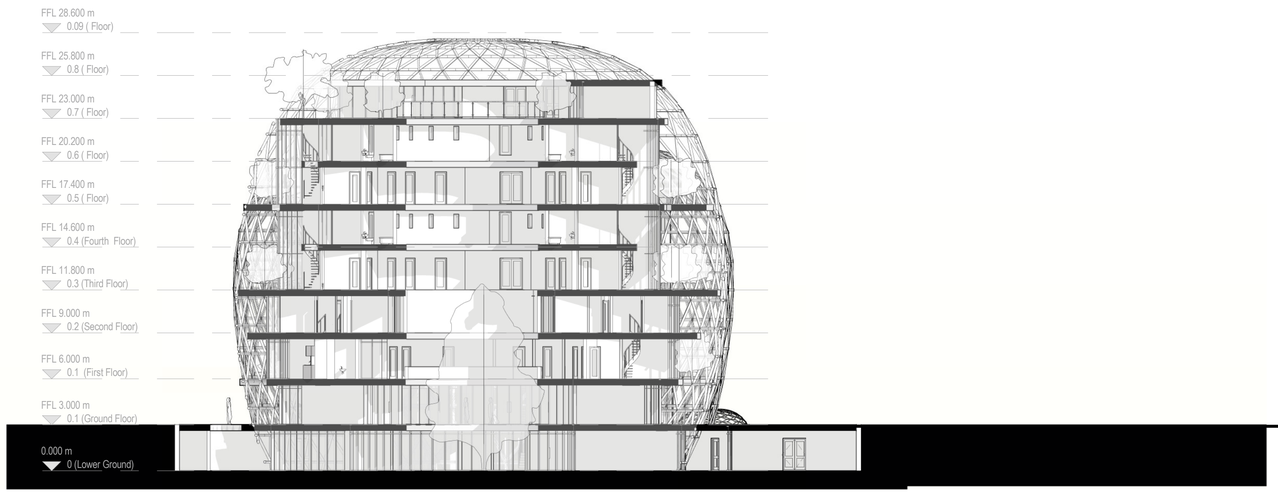


Area Plan

0m 4m 8m 12m 16m 20m

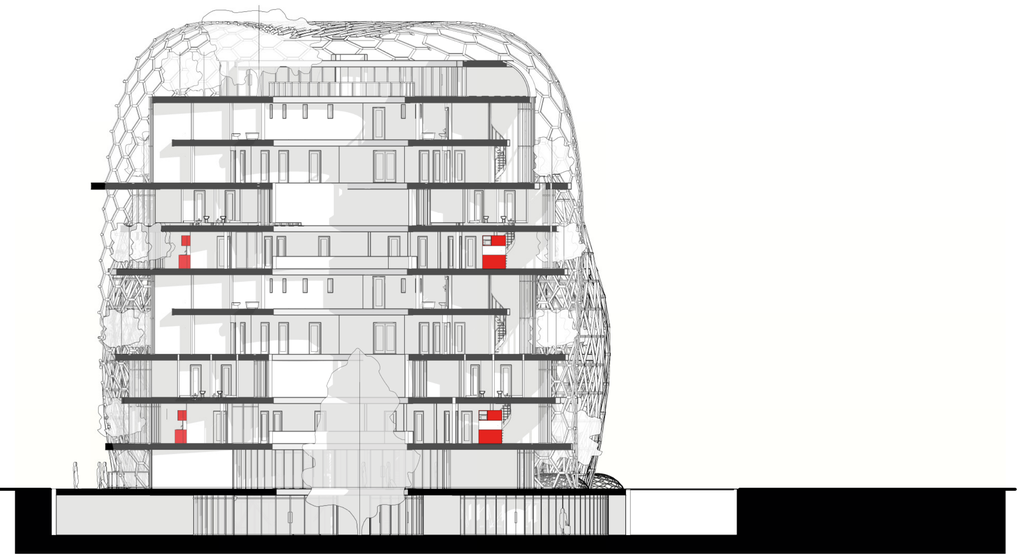
VISUAL SCALE 1:200 @ A1

STUDIO 21:
POROCITY
PAUL TAYLOR



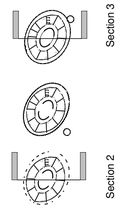
1 Building Section 3

1 : 200



2 Building Section 4

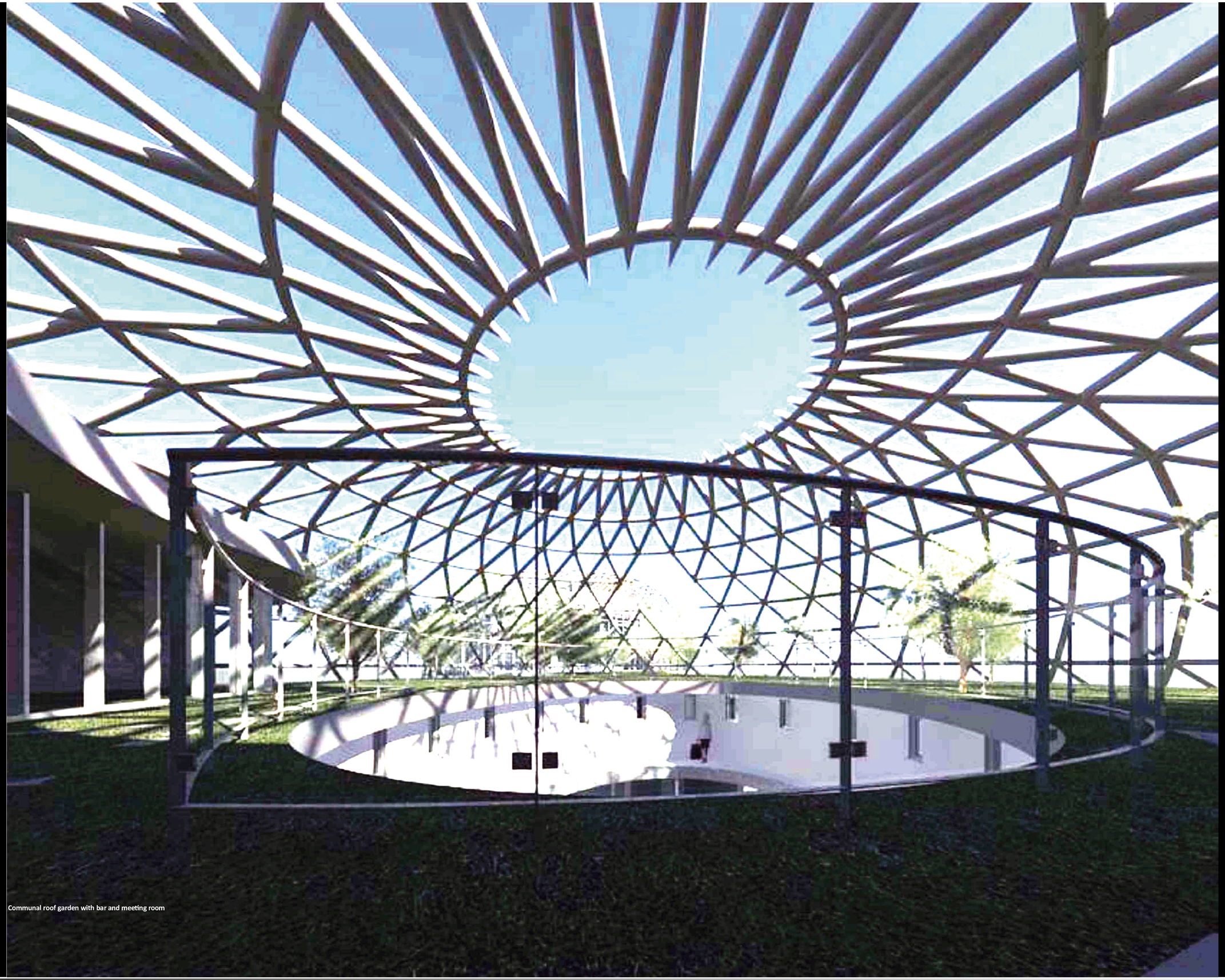
1 : 200



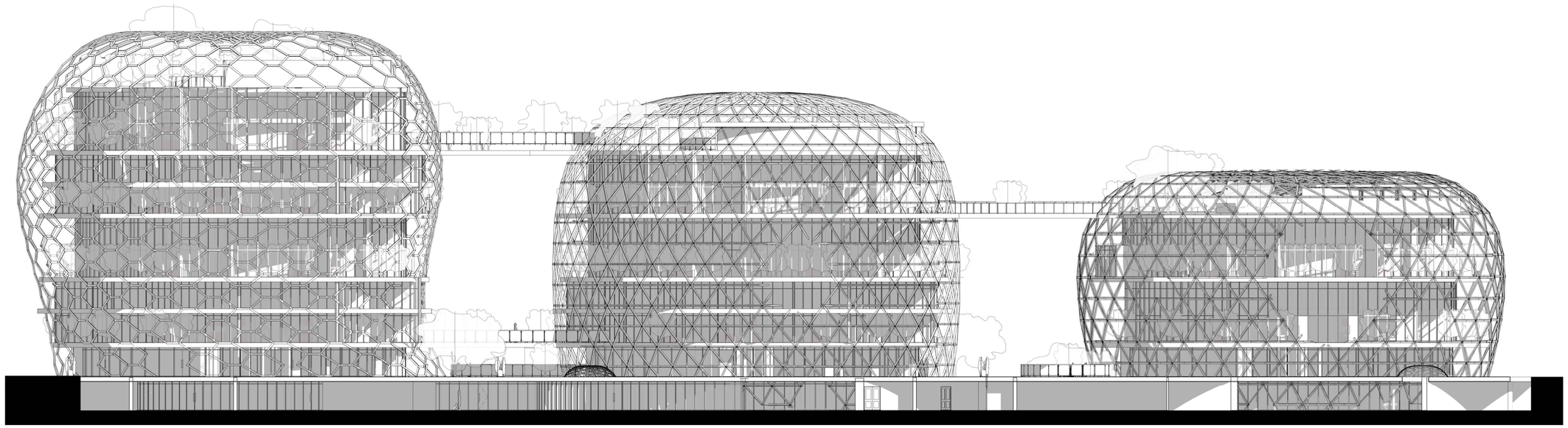
Area Plan

0m 4m 8m 12m 16m 20m

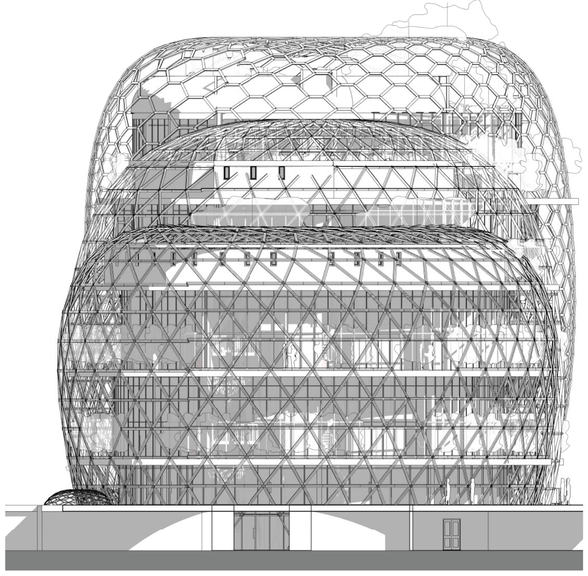
VISUAL SCALE 1:200 @ A1



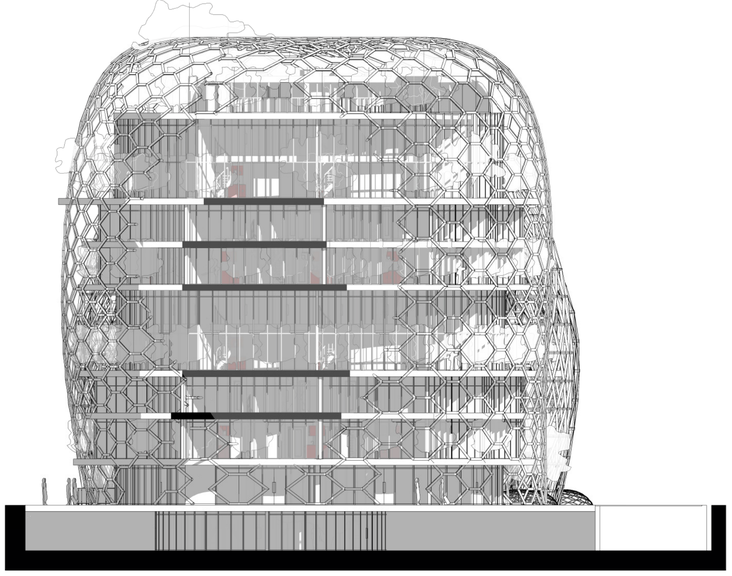
Communal roof garden with bar and meeting room



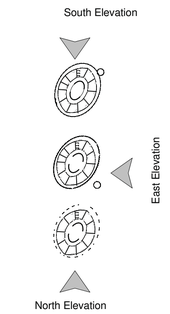
East Elevation Proposed



North Elevation Proposed



South Elevation Proposed

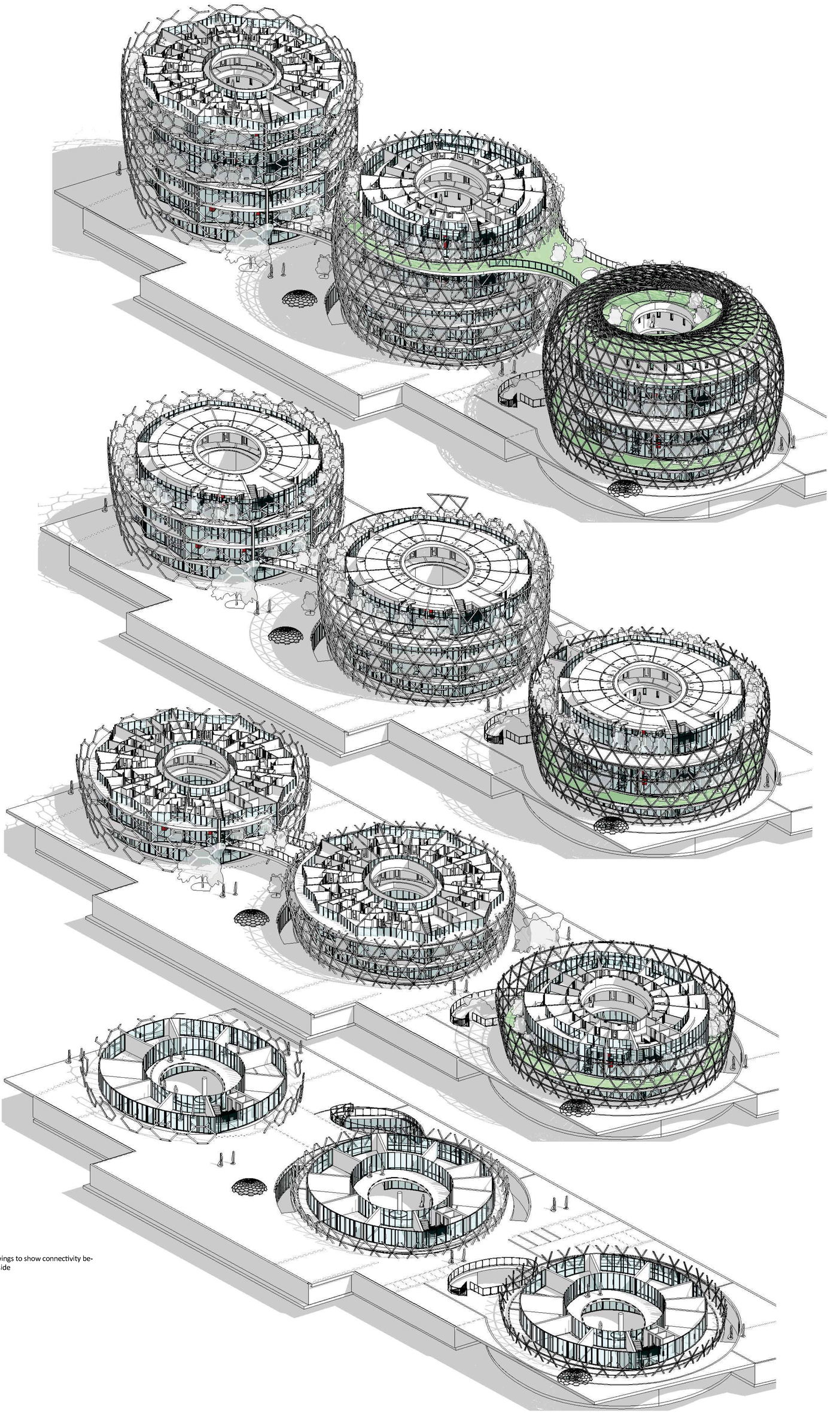


Area Plan

0m 4m 8m 12m 16m 20m

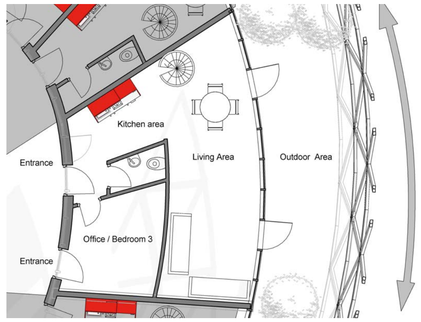
VISUAL SCALE 1:200 @ A1

STUDIO 21:
POROCITY
PAUL TAYLOR

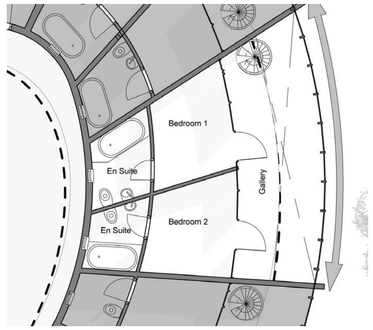


Exploded perspective drawings to show connectivity between spaces and the outside

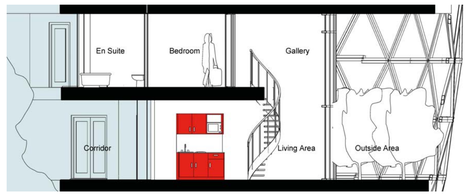
Flat Types



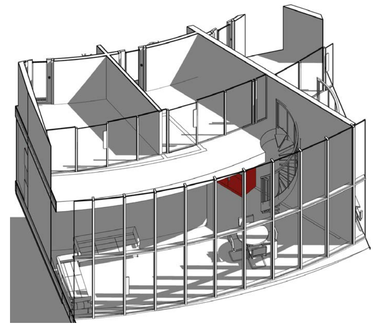
Flat type 1 - Ground Floor Plan



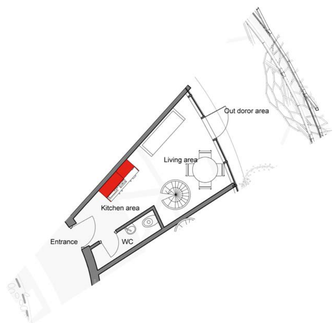
Flat type 1 - First Floor Plan



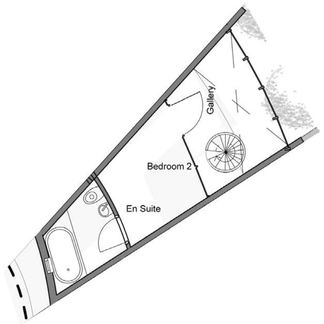
Flat type 1 - Section



Flat type 1 - Perspective Drawings

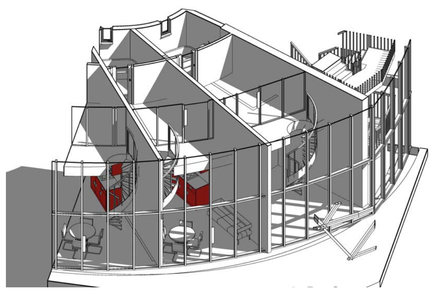


Flat type 2 - Ground Floor Plan

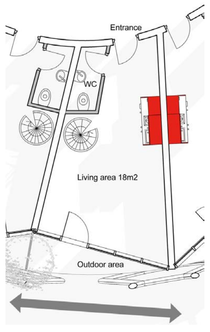


Flat type 2 - First Floor Plan

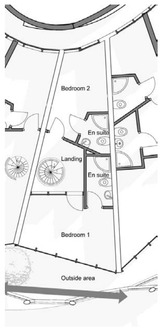
Flat type 2 - Section



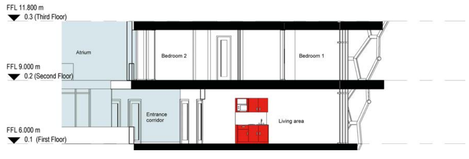
Flat type 2 - Perspective Drawings



Flat type 3 - Ground Floor Plan



Flat type 3 - First Floor Plan



Flat type 3 - Section

Flat Types

As these are less likely to be family dwellings but young professionals and friends sharing all bedrooms have en-suites bathrooms for privacy. The flats are laid out as duplexes to aid circulation and to take advantage of building over corridors that are not used. In flat type 1 there is a ground floor office with external access for the start up company and self employed person.

Proposed internal view of circulation space

Proposed internal view of flat type 1