Jennifer MacDonald

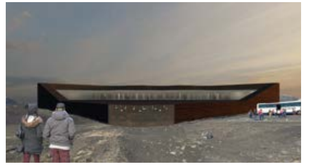
INTERIOR & SPATIAL DESIGN PORTFOLIO

Contents:

Rendimiento Restaurant
04 - 07

Magis Exhibition
08 - 13

Acrifarm Vertical Farm
14 - 17



Myvantn Wellness Hub
18 - 21

Zoai Garden of Unity
22 - 25

Re-framing Rest (MAJOR PROJECT)
26 - 37

Contact:

Jennifer MacDonald

07761478524

jennifermacdonald2016@gmail.com

@jennifermd_design

Rendimiento Restaurant

THEATRE INSPIRED RESTAURANT

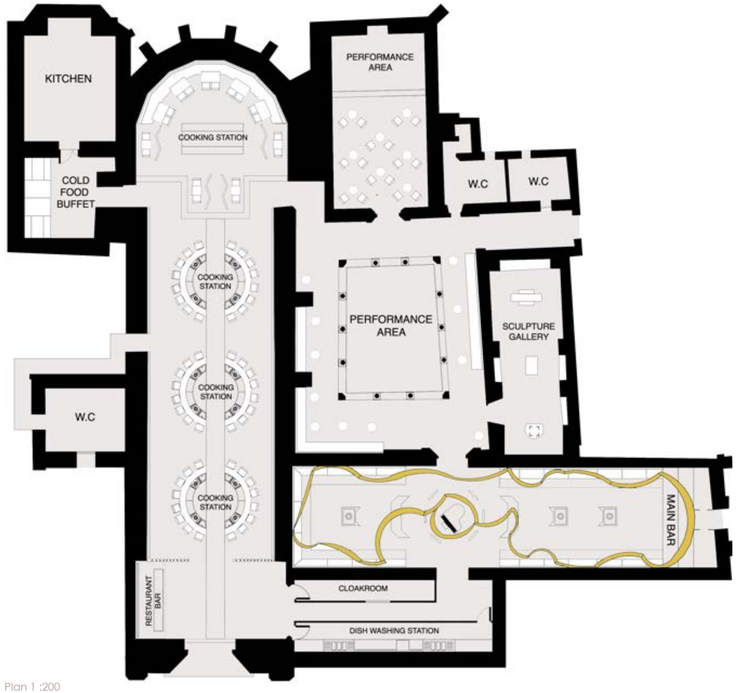
Location: CAAC, Seville
Client: Local Restaurateur (Speculative)
Date: Feb 2020

Brief: Design the interior of a new premium food and drink experience opening in Seville.

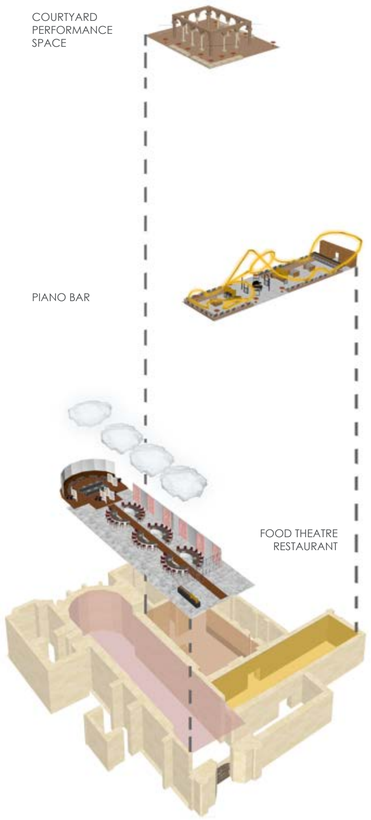
Module: Design for Commercial Spaces

Design Approach:

For this project, I wanted the large and historic space to serve as a performance hotspot. "Rendimiento" = performance in Spanish. For this Seville site, I chose to have two performance spaces, one outside and one inside, as well as a piano bar and a food theatre restaurant. This informed the design of several custom furniture pieces including large tables with central cooking stations, and a ribbon light in the bar space. Each element was designed to draw focus and attention to the performance aspect of each space.



Plan 1 :200



Exploded axonometric of space

Long section through restaurant

Section through restaurant and bar

Visualisation of entrance bar

Visualisation of piano bar

Visualisation of courtyard performance space

Visualisation of piano bar

Magis Exhibition

FURNITURE EXPO STAND

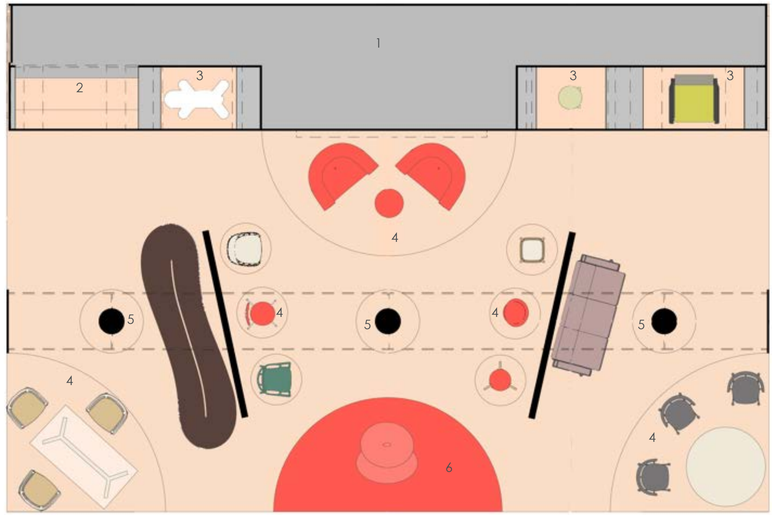
Location: Fierra Milano, Milan
Client: Magis (Speculative)
Date: Oct 2020

Brief: Design an expo stand which showcases at least 20 products and embodies the ideals of your client's brand.

Module: Design for Exhibition & Display

Design Approach:

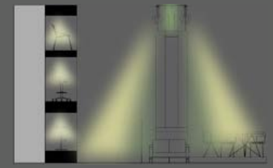
For this exhibition stand, I was inspired by Magis' construction techniques and the forms of their products. Rotational moulding is commonly used to create their dynamic furniture and so I created a stand design based heavily on organic and circular forms. Using their signature red colour and offsetting this with a lighter pink shade allowed the products to stand out and drew attention to the stand as a whole. The display wall ensures the furniture is showcased from a distance. A central light ribbon was added with descending table features to allow people to linger at the stall with a drink from the built-in bar.



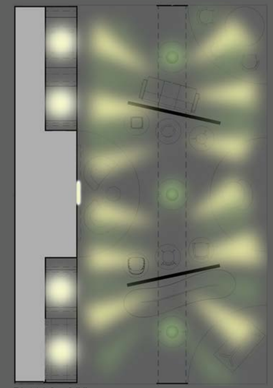
Plan 1 : 50

KEY

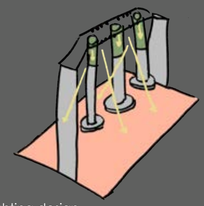
1 - STORAGE
2 - BAR
3 - DISPLAY CIRCLES
4 - STEPPED DISPLAY
5- CENTRAL MEETING TABLES
6 - "SPUN" TRY-OUT ZONE



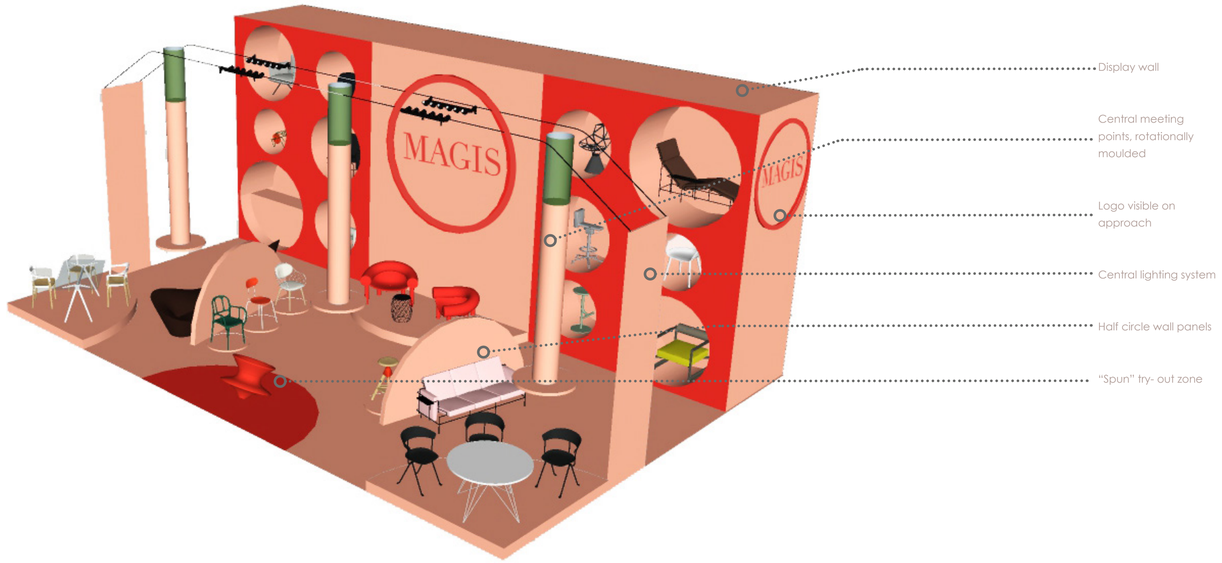
SHORT SECTION 1 : 100



PLAN 1 : 100



Lighting design



Axonometric of expo stand showing key design moves

Visualisation of front of expo stand

Visualisation of stand on approach

Elevation 1 : 50

Long section 1 : 50

Visualisation of front of expo stand

AcriFarm
Vertical Farm

DERELICT LAND REGENERATION

Location: Irvine, Scotland
Client: SGN
Date: April 2021

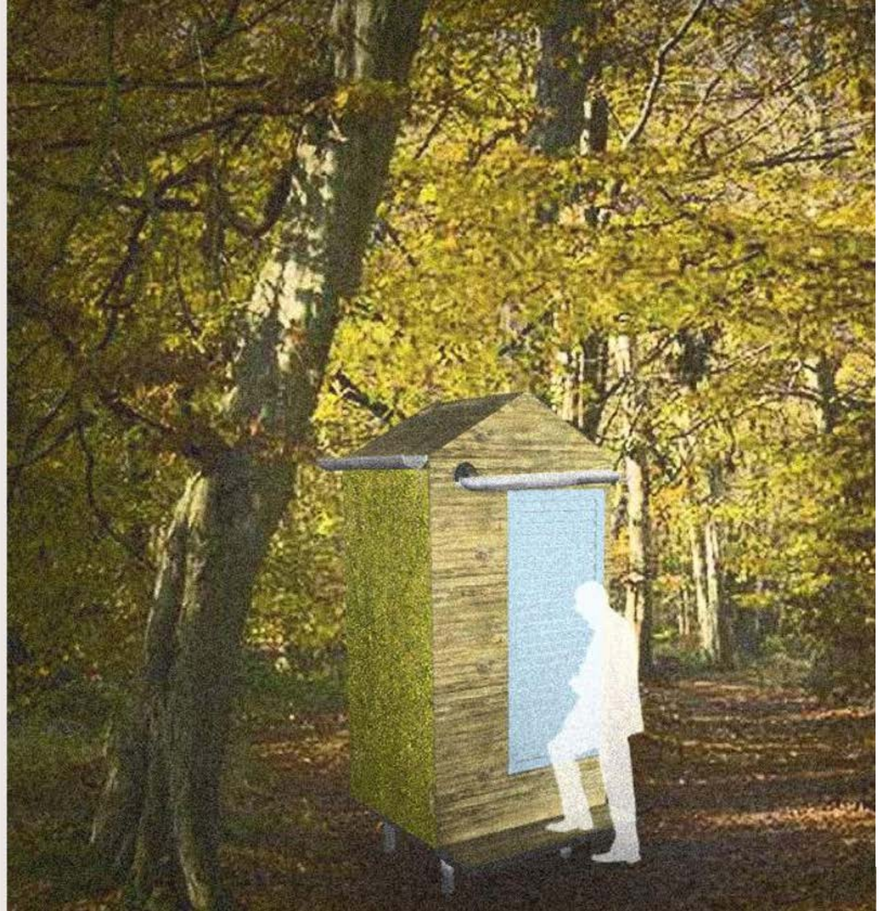
Brief: Transform a derelict 1 acre site in response to themes of climate change and community

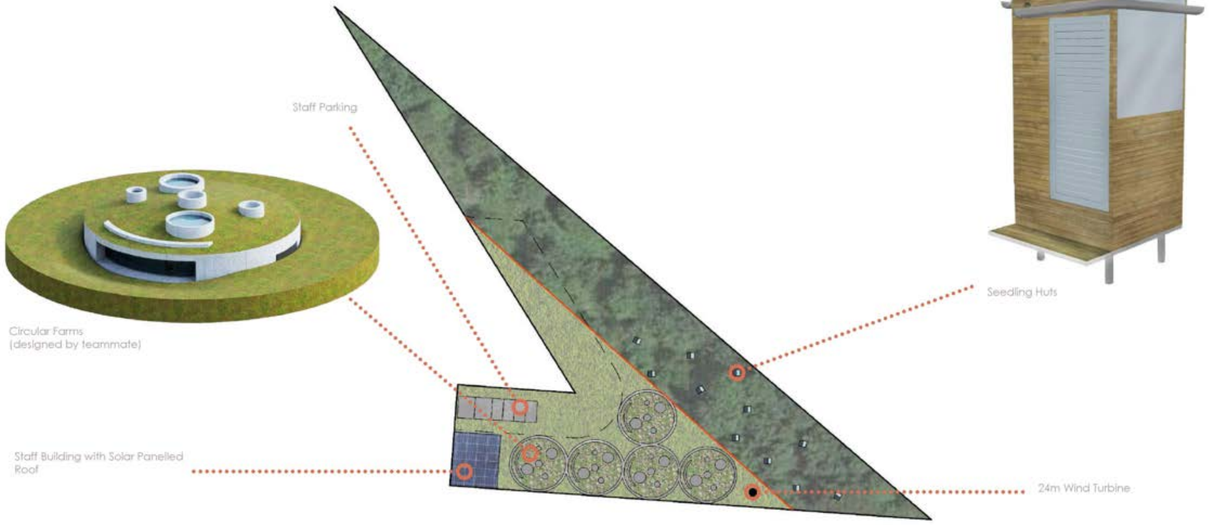
Module: Media & Work Based Learning

Site Plan (NTS)

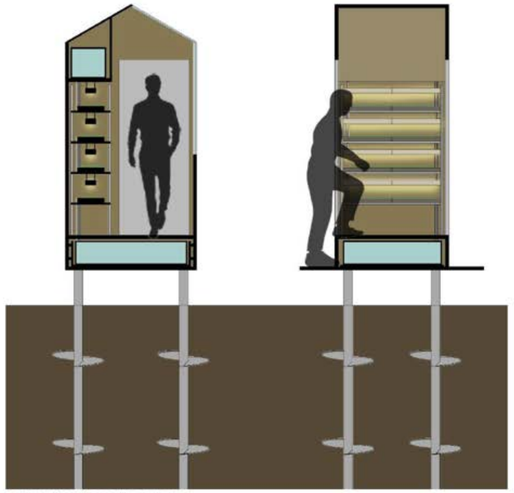
Design Approach:

This project was focused on regenerating the land in a way that would benefit the local community. To offset low income levels and a below-average level of health, my team and I decided to create a vertical farm which would deliver a high crop yield, create jobs and provide fresh food for the local area. I designed the seedling huts to germinate seedlings as quickly and efficiently as possible, whilst ensuring the structure did not detriment the surrounding woodland.





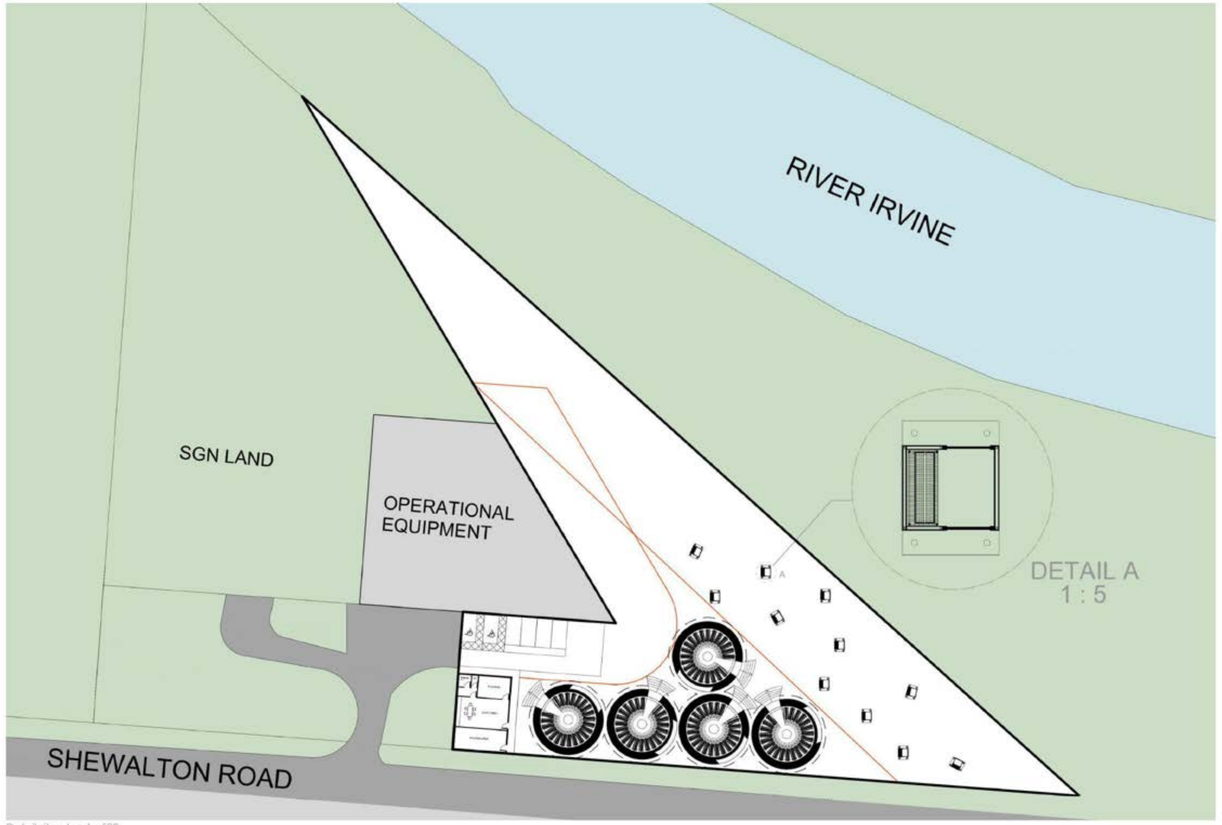
Annotated site plan (NTS)



Sections through seedling huts 1 : 50

Visualisation of open seedling hut

Visualisation of seedling huts and circular farms on site



Detail site plan 1 : 500

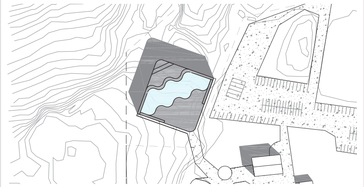
Myvatn Wellness Hub

GREENHOUSE RESTAURANT

Location: Myvatn, Iceland
Client: Vogafjos Farm Resort
Date: Dec 2021

Brief: Design a greenhouse concept restaurant which will offer guests an immersive experience where they will be served food which was grown on the premises.

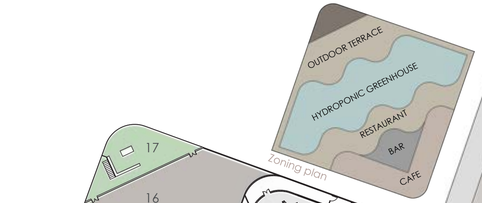
Module: Minor Project (Competition Brief)



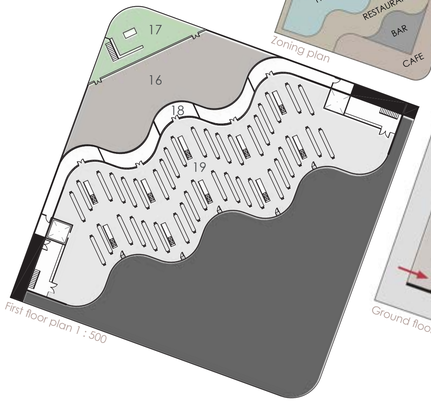
Site Plan (NTS)

Design Approach:

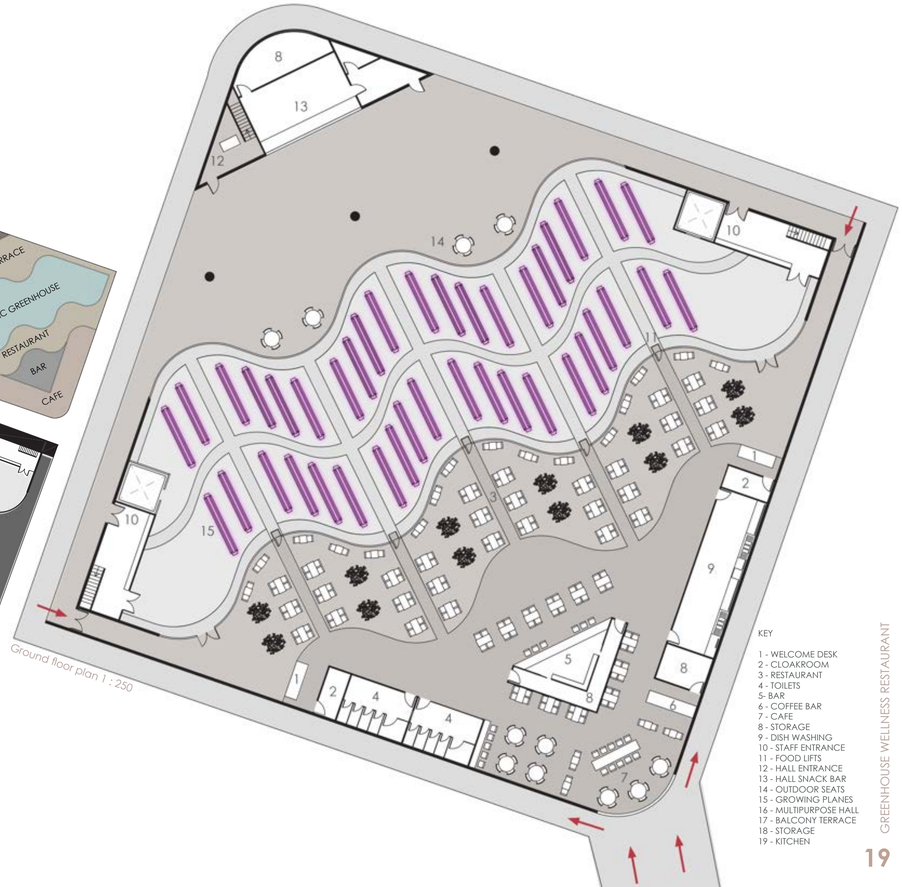
My aim in this project was to create a dining experience where visitors could see their food being grown without conforming to the typical design of a greenhouse. I created a dynamic tunnel feature which allowed me to create zones in the space and used my existing knowledge of vertical farming to create a new and innovative automatic system. The interior of the restaurant space is inspired from the nearby volcano and uses warm tones and textures to create an ambient yet moody atmosphere.



Zoning plan



First floor plan 1 : 500



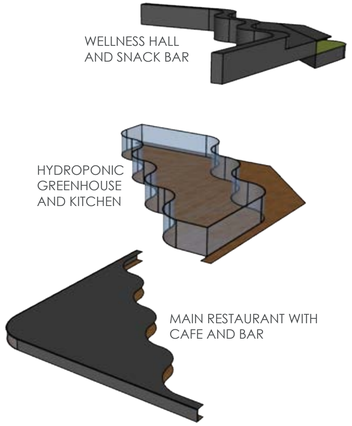
Ground floor plan 1 : 250

KEY

1 - WELCOME DESK
2 - CLOAKROOM
3 - RESTAURANT
4 - TOILETS
5- BAR
6 - COFFEE BAR
7 - CAFE
8 - STORAGE
9 - DISH WASHING
10 - STAFF ENTRANCE
11 - FOOD LIFTS
12 - HALL ENTRANCE
13 - HALL SNACK BAR
14 - OUTDOOR SEATS
15 - GROWING PLANES
16 - MULTIPURPOSE HALL
17 - BALCONY TERRACE
18 - STORAGE
19 - KITCHEN

Visualisation of cafe interior

Visualisation of greenhouse interior



Visualisation of building exterior at night

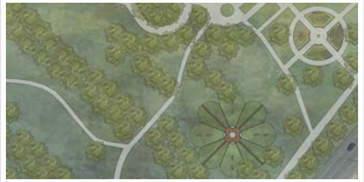
Zoai Garden of Unity

GENOCIDE MEMORIAL

Location: Chinguacousy Park, Canada
Client: Bramptom Tamil Association
Date: Dec 2021

Brief: Design a memorial for all victims of genocide throughout history. Buildable area is 3.7m diameter with 5m height

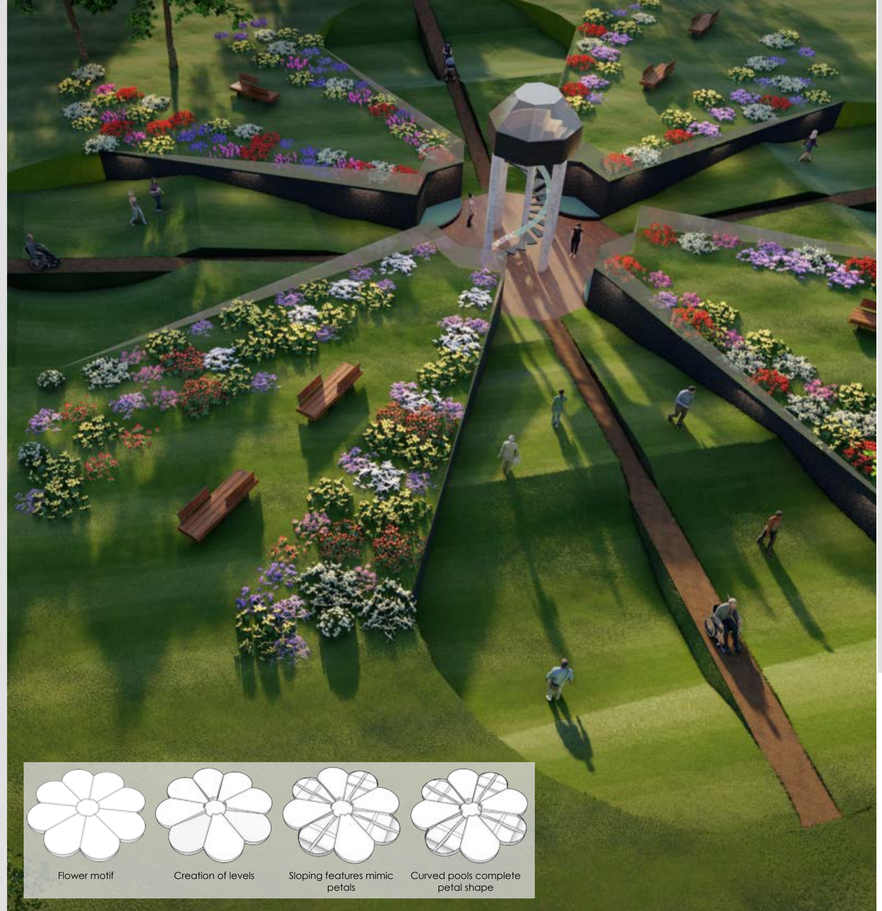
Module: Minor Project (Competition Brief)

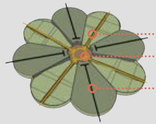


Site Plan (NTS)

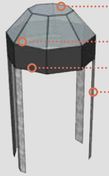
Design Approach:

Genocide attacks aim to encourage division, therefore the healing process after an attack must signify unity. This memorial garden encourages uniting as one human race to remember and mourn the victims of genocide. The key motif underpinning the design of the garden is a flower. This stems from the tradition of leaving flowers on graves. This tradition originated in ancient Greece, in a ritual called "Zoai". The blossoming of the flowers signalled that happiness had been found in the afterlife. The memorial was therefore named the "Zoai Garden of Unity"





- Immersive, inclusive lower experience
- Central unity hub
- Isolated upper experience

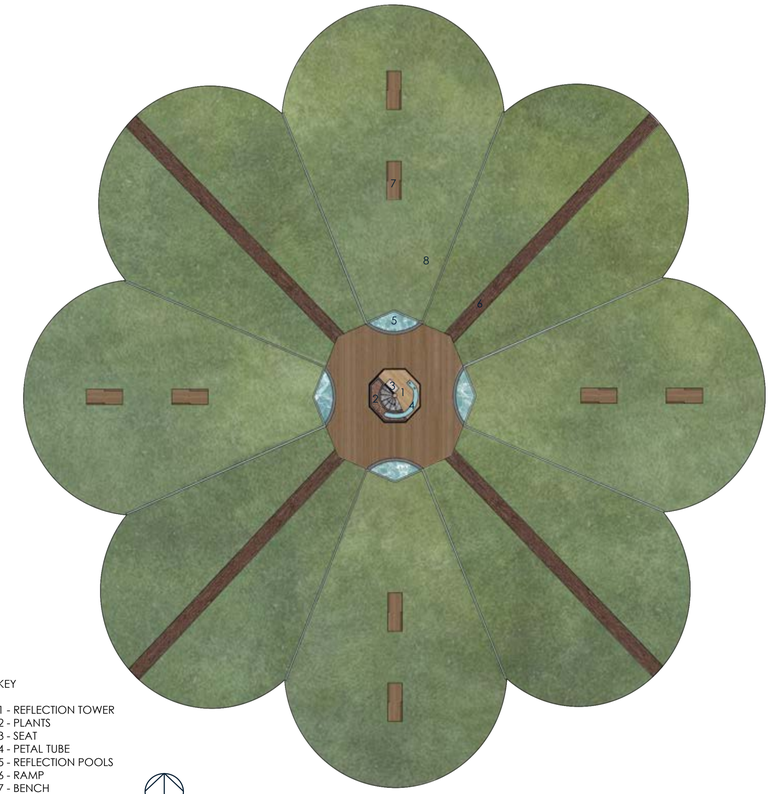


- Glass roof encourages sky views
- Indoor planter
- Timber frame
- Stone support pillars

- Individual seating
- Metal supports for petal deposit
- Petal collection tube
- Spiral stairs up to reflection tower
- Petal collection tube bannister

Visualisation of wall detail

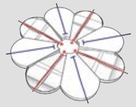
Visualisation of petal handrail



KEY

1 - REFLECTION TOWER
2 - PLANTS
3 - SEAT
4 - PETAL TUBE
5 - REFLECTION POOLS
6 - RAMP
7 - BENCH
8 - MEMORIAL FLOWERS

Plan 1 : 200



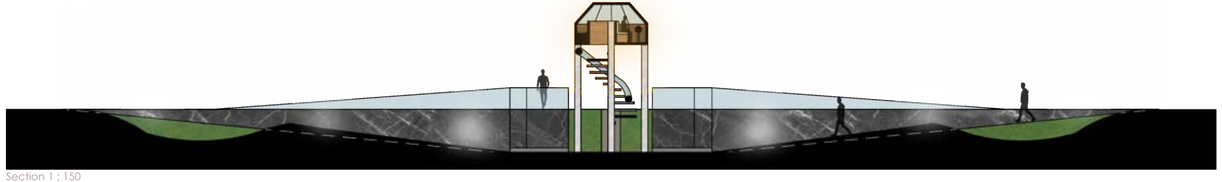
Observe v.s participate

Solo reflection tower

Petal collection tube

Flowers memorialising genocide victims
(each flower variety = one genocide)

Visualisation of reflection tower interior



Section 1 : 150

Visualisation of memorial garden

Re-framing Rest

LUXURY REST RETREAT

Location: Rosslyn Castle, Midlothian
Client: Local Wellness Charity (Speculative)
Date: Apr 2022

Brief: Design a luxury retreat to be the ideal environment to achieve each of the seven types of rest.

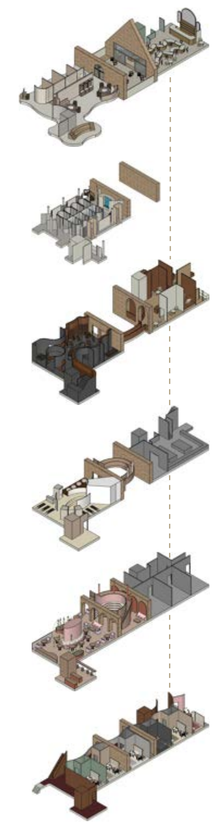
Module: Major Project

Site Plan (NTS)

Design Approach:

My major project focuses on the lack of rest in a productivity-driven society. Overworking and a lack of differentiation between work environments and home environments have resulted in a society where rest is drastically under prioritised, with the true practice of rest being misunderstood.

New research by Dr Saundra Dalton Smith (2021) suggests that there are actually seven types of rest which we must fulfil in order to be fully rested. Re-framing Rest aims to increase awareness of these types of rest and how to achieve them, by providing a luxury wellness retreat with a series of interactive spaces designed to be the ideal environment for each type of rest. The goal of the retreat is for visitors to learn the true power of restoration by learning habits and practices which they can implement in their everyday lives to encourage a healthier relationship with rest. The seven types of rest are as follows:



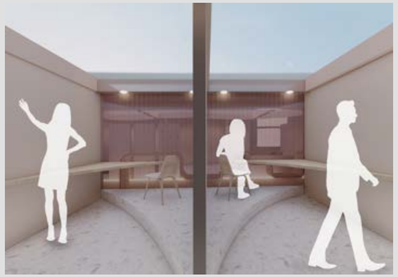
Exploded axonometric

Short section

01

SOCIAL REST

Solitary dining experience



02

CREATIVE REST

Creativity workspaces

03

EMOTIONAL REST

Introspection experience

04

SENSORY REST

Low light library

05

SPIRITUAL REST

Yoga and meditation spaces

06

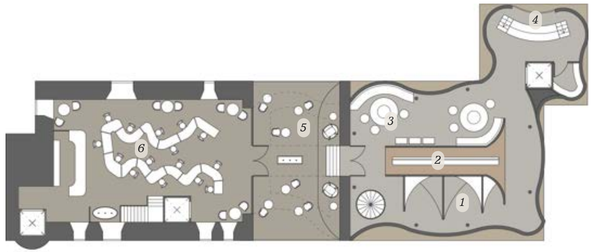
MENTAL REST

Writing cafe

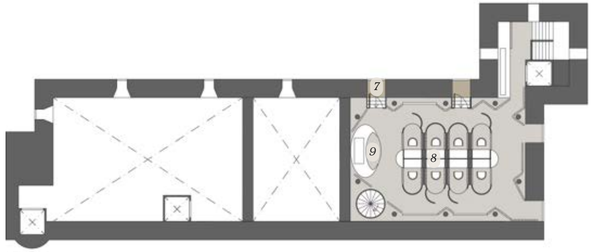
Storyboard of rest spaces

KEY:

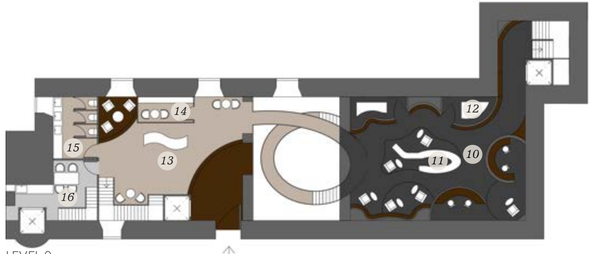
1. Individual creative stations
2. Gallery tunnel
3. Mirror group stations
4. Tower viewpoint
5. Courtyard seating
6. Solitary dining experience
7. Viewpoint
8. Introspection experience
9. Fountain of memories
10. Low light library space
11. Wind chime
12. Solitary sensory rest booth
13. Reception
14. Private consultation room
15. Public toilets
16. Staff room
17. Guided meditation atrium
18. Sensory garden
19. Solitary pod
20. Group pod
21. Kitchen
22. Changing rooms
23. Coffee bar
24. Mental rest seating spaces
25. Flower garden
26. Gift and snack shop
27. Postcard station
28. Staff bedrooms
29. Guest bedrooms
30. Laundry



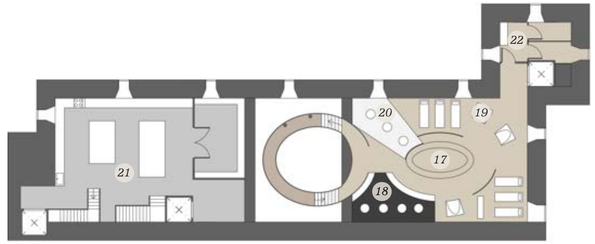
LEVEL 2



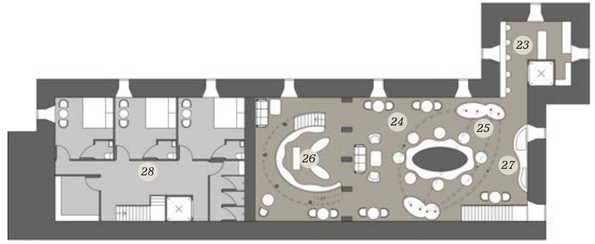
LEVEL 1



LEVEL 0



LEVEL -1



LEVEL -2

LEVEL -3

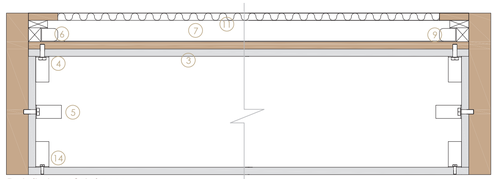
Plans at 1 : 200

Physical model of host building

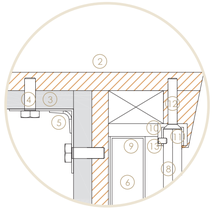
Elevation showing extension to building ruin

Long section

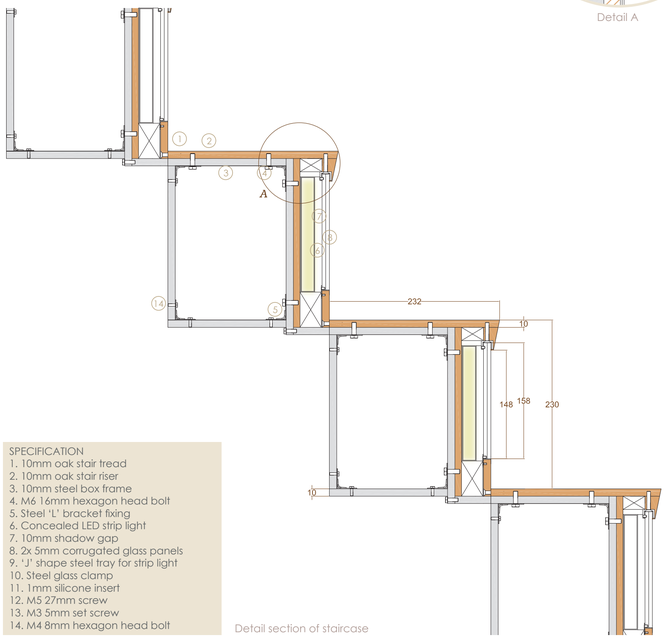
Sensory rest key visualisation



Detail plan of staircase



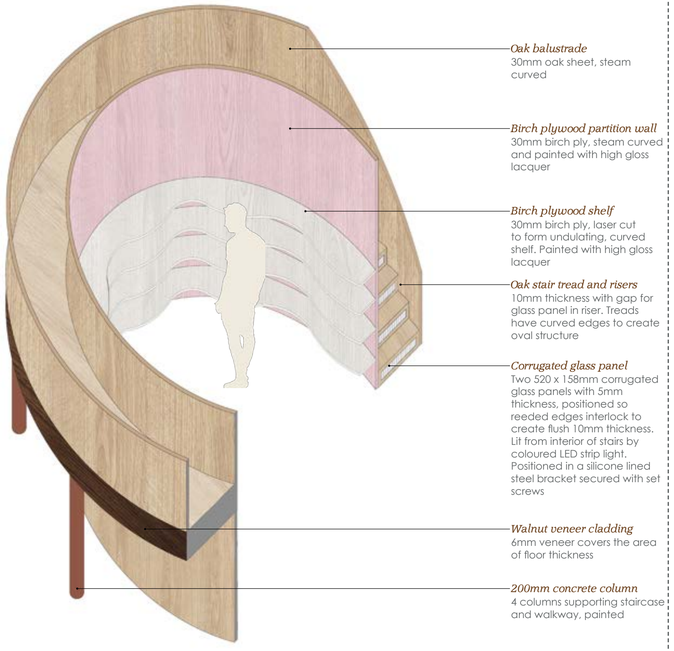
Detail A



Detail section of staircase

SPECIFICATION
1. 10mm oak stair tread
2. 10mm oak stair riser
3. 10mm steel box frame
4. M6 16mm hexagon head bolt
5. Steel 'L' bracket fixing
6. Concealed LED strip light
7. 10mm shadow gap
8. 2x 5mm corrugated glass panels
9. 'J' shape steel tray for strip light
10. Steel glass clamp
11. 1mm silicone insert
12. M5 27mm screw
13. M3 5mm set screw
14. M4 8mm hexagon head bolt

Detail model of staircase showing corrugated glass lighting feature on risers



Oak balustrade
30mm oak sheet, steam curved

Birch plywood partition wall
30mm birch ply, steam curved and painted with high gloss lacquer

Birch plywood shelf
30mm birch ply, laser cut to form undulating, curved shelf. Painted with high gloss lacquer

Oak stair tread and risers
10mm thickness with gap for glass panel in riser. Treads have curved edges to create oval structure

Corrugated glass panel
Two 520 x 158mm corrugated glass panels with 5mm thickness, positioned so reeded edges interlock to create flush 10mm thickness. Lit from interior of stairs by coloured LED strip light. Positioned in a silicone lined steel bracket secured with set screws

Walnut veneer cladding
6mm veneer covers the area of floor thickness

200mm concrete column
4 columns supporting staircase and walkway, painted

Sectional axonometric of staircase with material details

Mental rest key visualisation

JENNIFER MACDONALD
INTERIOR & SPATIAL DESIGN PORTFOLIO