

# 01

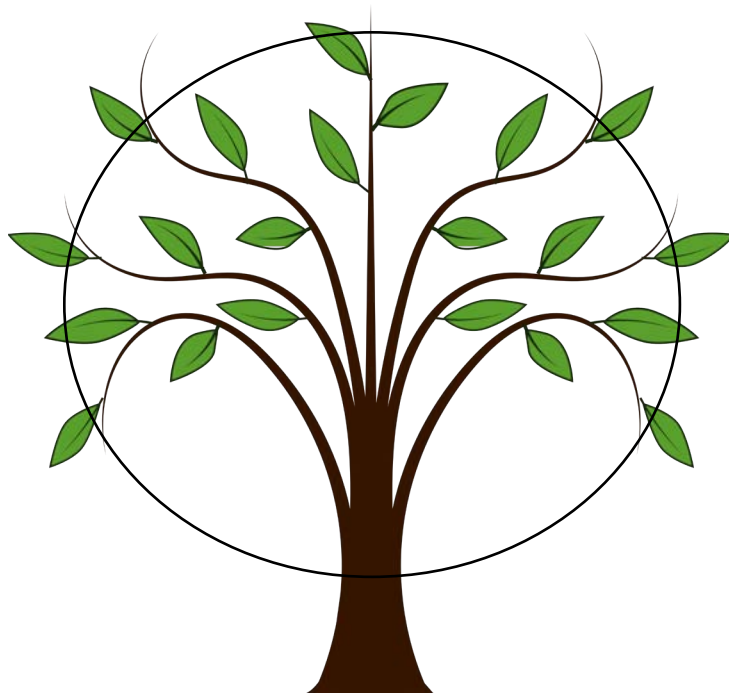
## SENIOR PROJECT 1





## DESIGN CONCEPT

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Montserrat Island is known as “Emerald Isle of the Caribbean” for large population of people who originated from Ireland. Surrounded by a landscape of the sea and nature being a nutrient of life for the city and also a source of cultural enrichment.

Inspired by the branch tree form to conceive the spatial pattern, bring everyone a pure enjoyment of architectural strength and aesthetic feeling.

Due to the history of volcano eruption, simple geometry and concrete structure are the main elements. In order to break the simpleness, this design will have gently-flowing curves, lines of rhythm and movement. The purpose of this concept is to bring an unusual and amazed feeling to viewers.



# SITE PLAN

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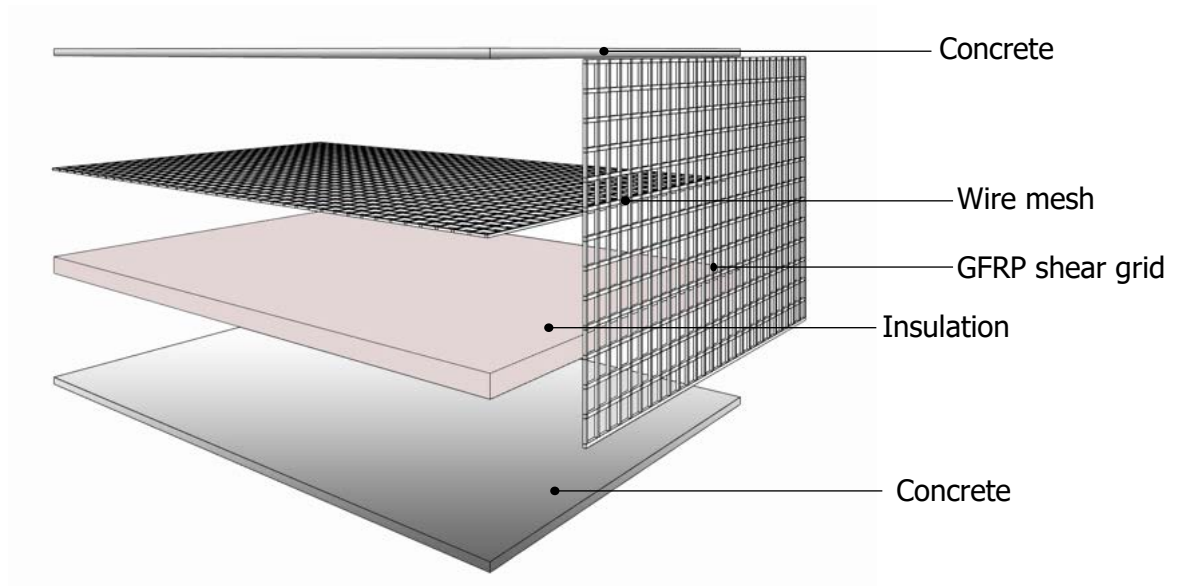


## LEGEND

- 1. Reception/ Office
- 2. Restaurant
- 3. Theater
- 4. Library
- 5. Dance Studio
- 6. Closed Performance
- 7. Open Performance
- 8. Bar
- 9. Reception 2
- 10. Accommodation 1
- 11. Accommodation 2

# MATERIAL

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## Glass Fiber Reinforced Concrete

Glass Fiber Reinforced Concrete (GFRC) has the similar composition with concrete. However, GFRC helps reduce the environmental impact of overall construction projects. At the same time, because GRC is durable, the process of renovation or renewal of the project is limited, significantly reducing environmental pollution. More importantly, it is resistant to corrosion caused by weather, unaffected by cyclones, fires, earthquakes, floods...

This is a new building material that can be manufactured from cement, clean sand, clean water, alkali resistant fiberglass and plasticizer additives.

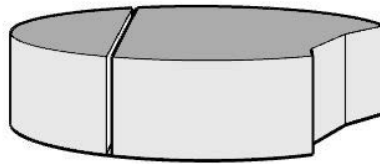
GFRC materials have high durability, diverse shapes, beautiful shapes, natural colors ... have become materials that play an important role in the economy, technology and aesthetics of the construction industry worldwide

# FORM DEVELOPMENT

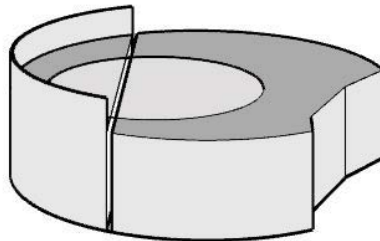
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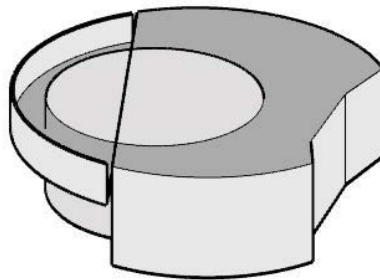
STAGE 1



STAGE 2

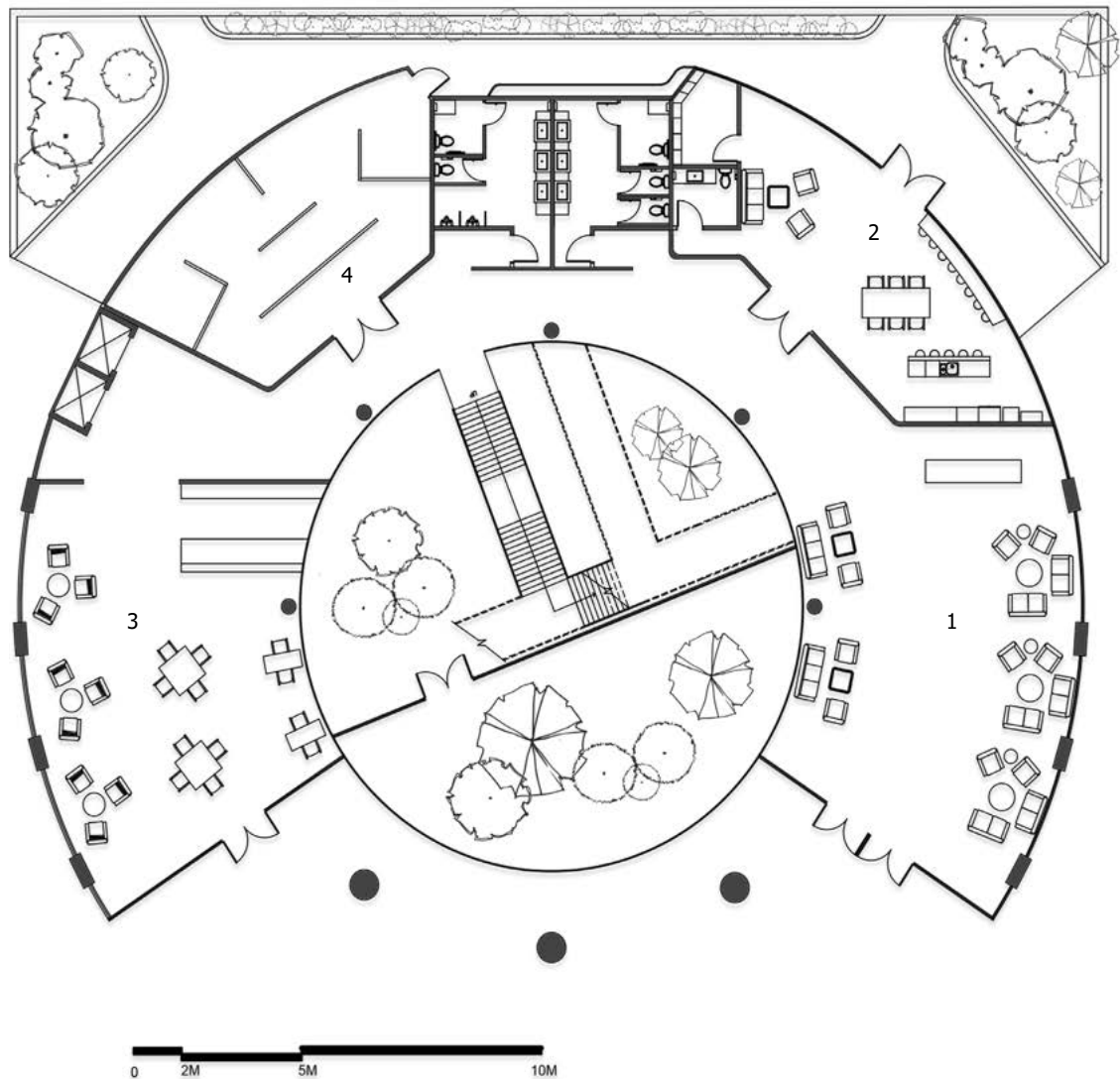


STAGE 3



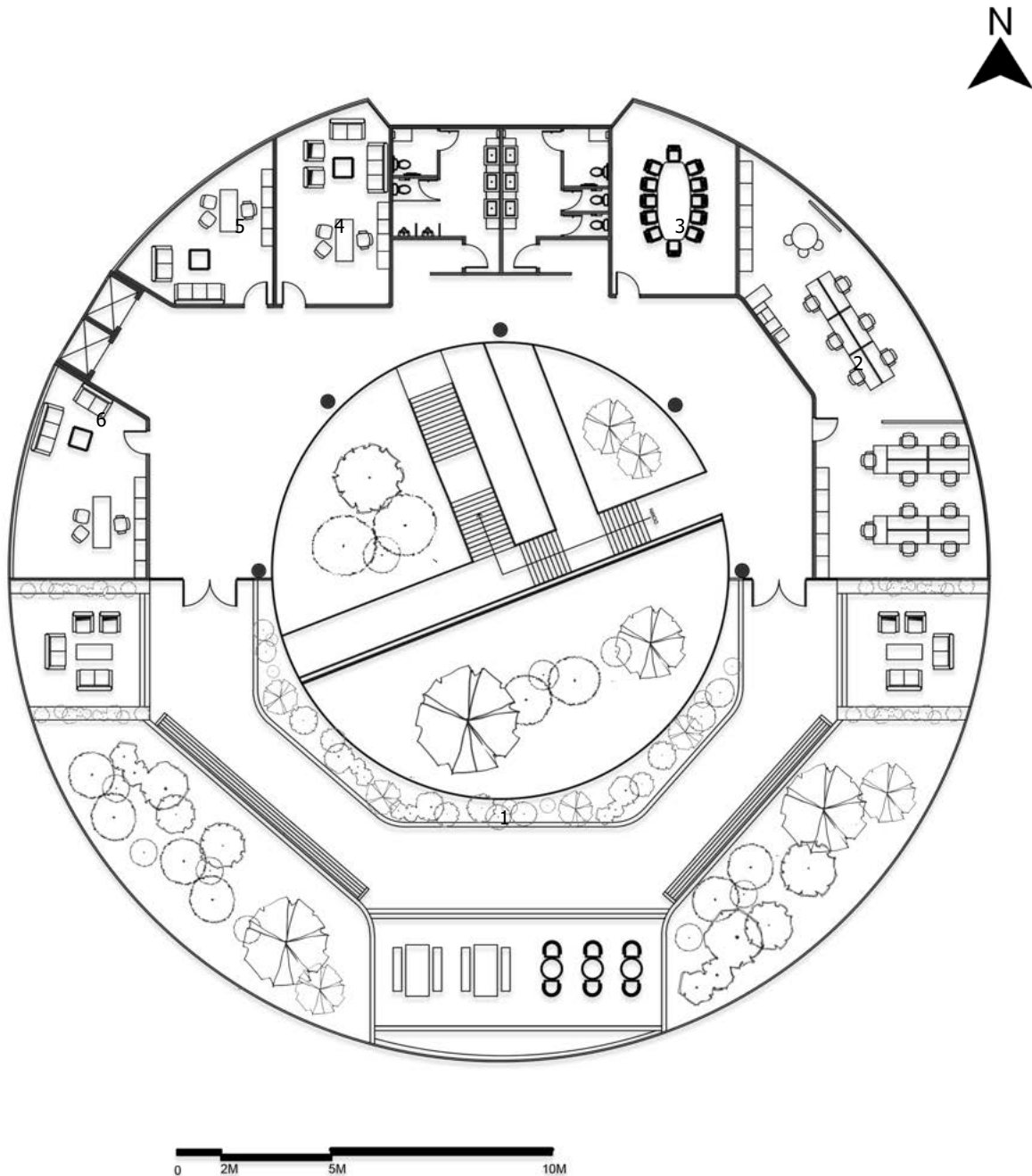
STAGE 4

# FLOOR PLANS



**First Floor**

- LEGEND**
- 1. Reception/ Waiting Area
  - 2. Staff Room
  - 3. Cafe
  - 4. Gallery



## Second Floor

### LEGEND

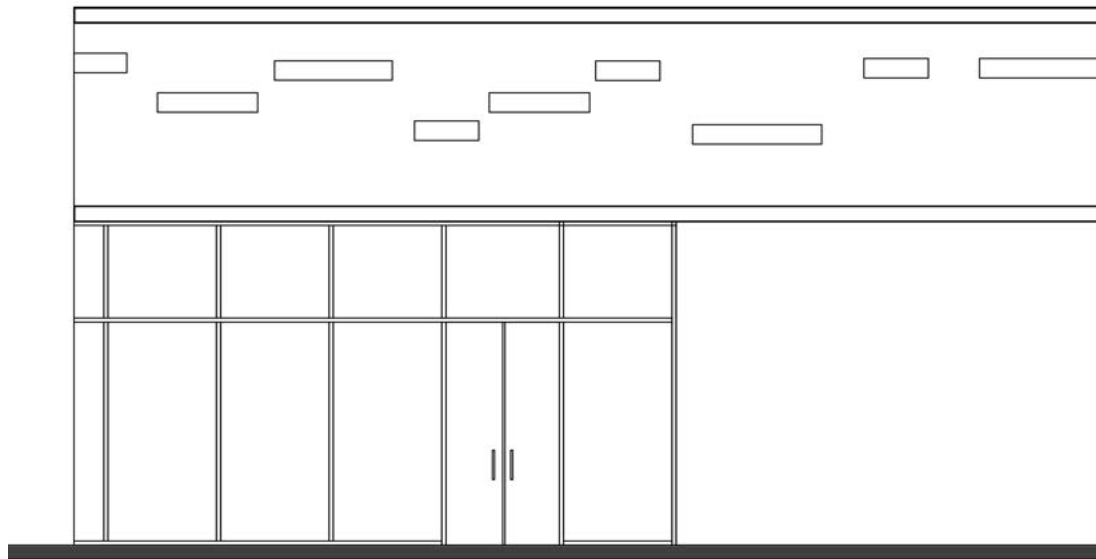
1. Patio
2. Workstation
3. Board Room
4. Office 1
5. Office 2
6. Office 3



## ELEVATIONS/ SECTIONS

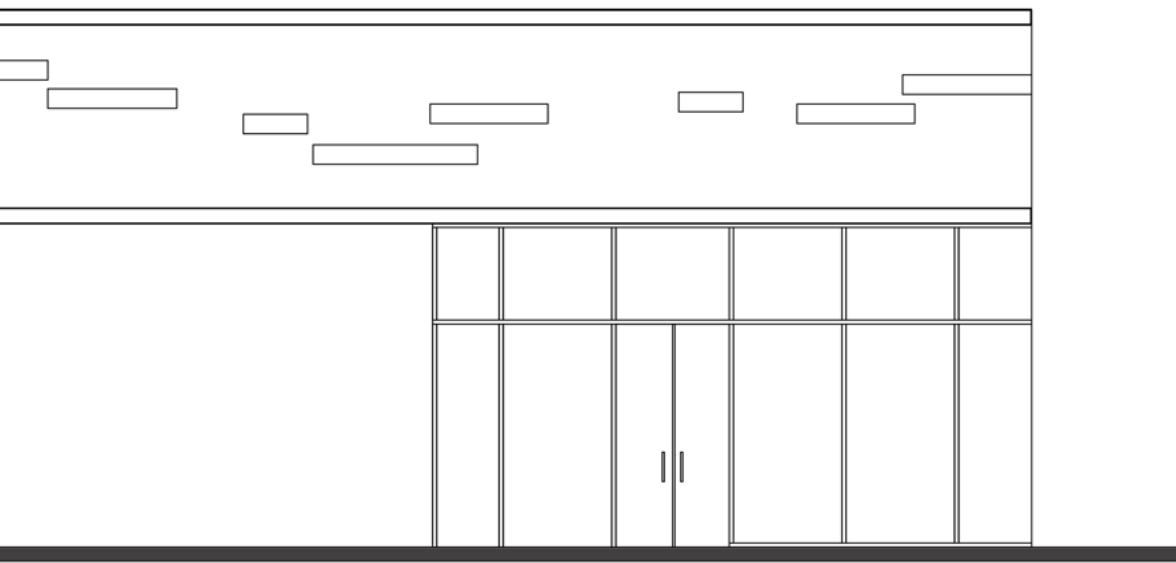


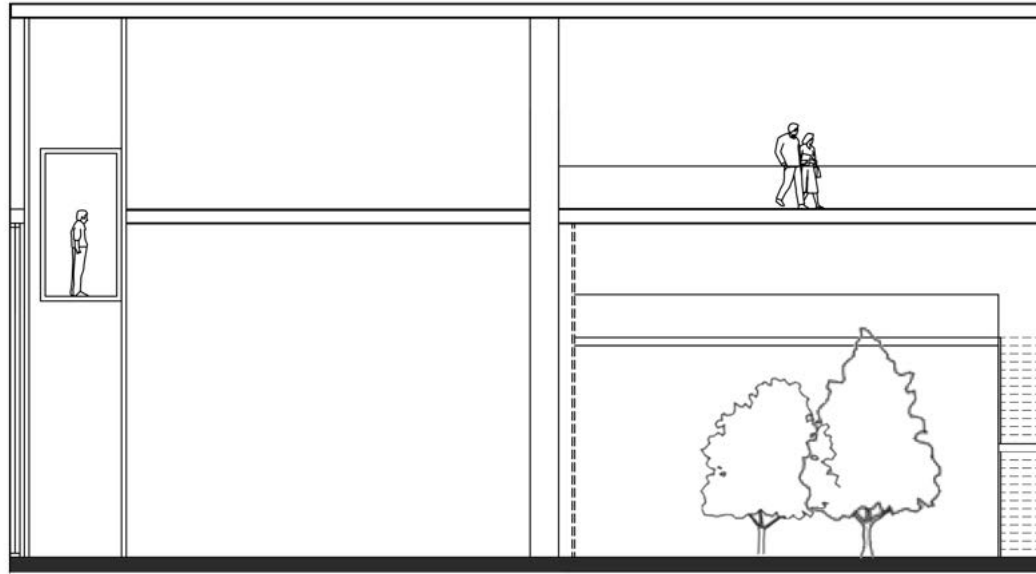
**Exterior Elevation 1**



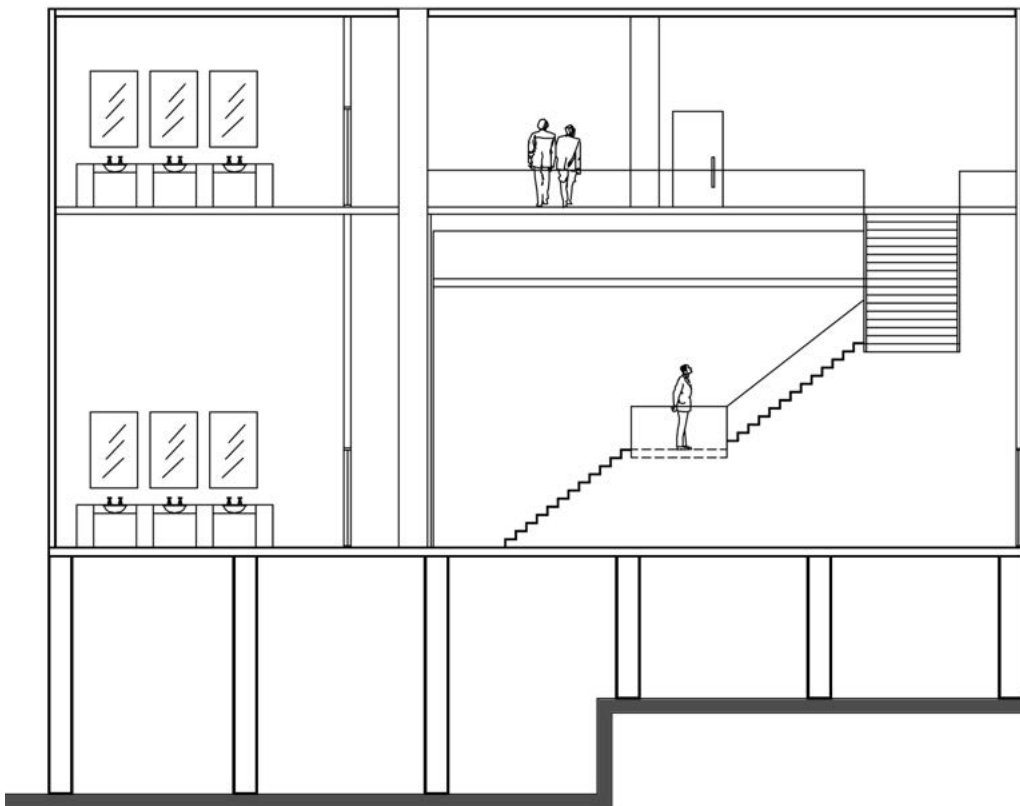
**Exterior Elevation 2**





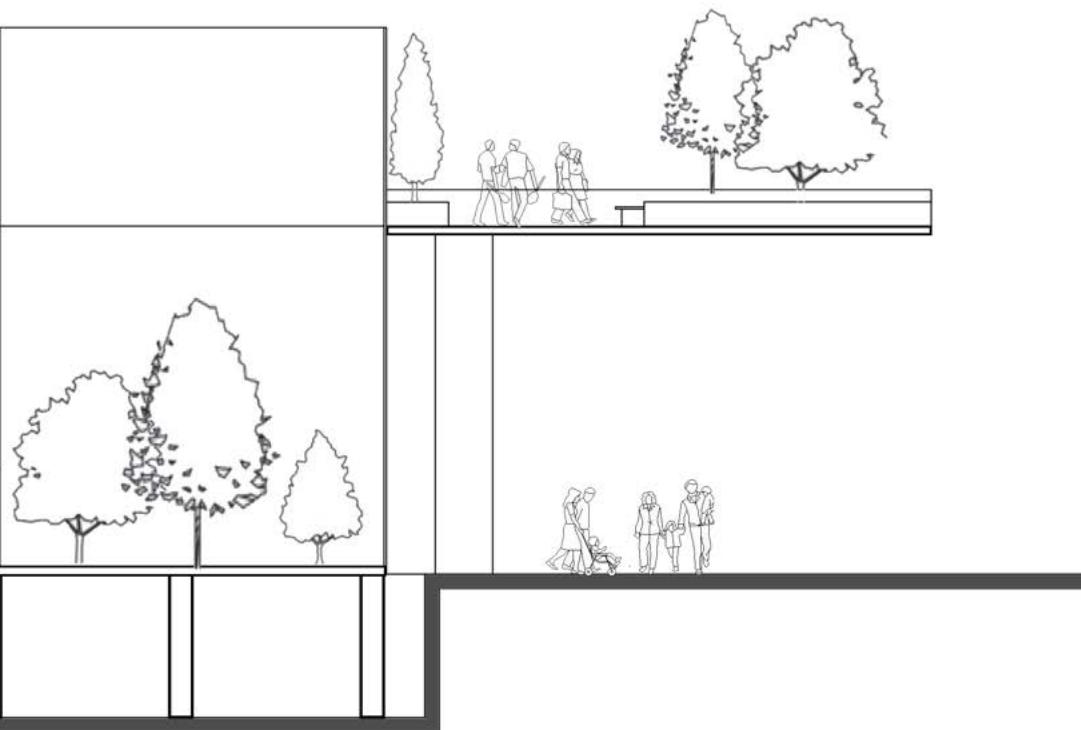
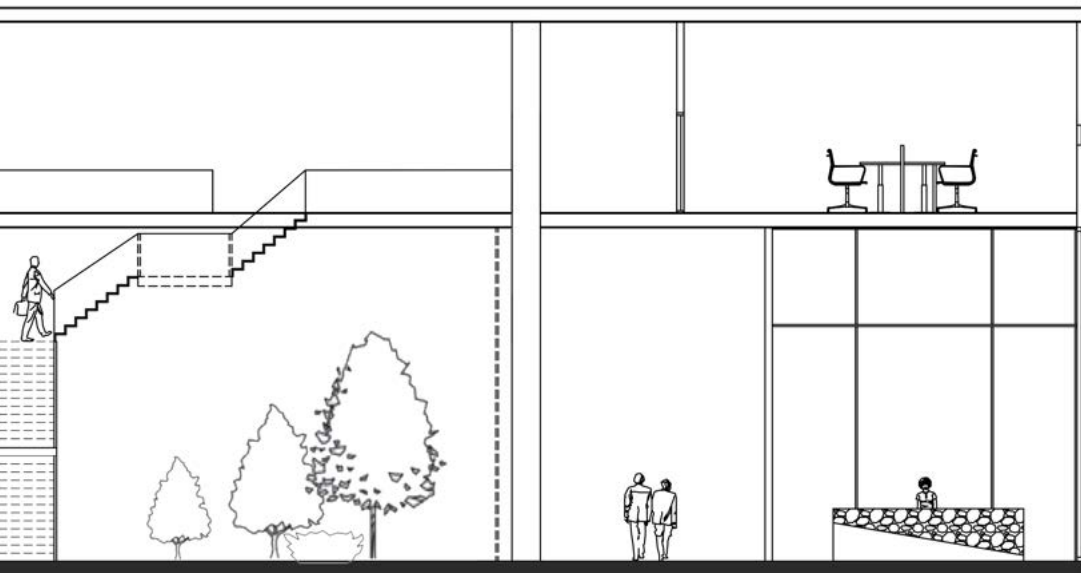


**Side Section 1**



**Side Section 2**







**Staircase Design Perspective**



**Indoor Terrarium Perspective**





**Reception Area Perspective**





**Patio Design Perspective**



**Patio Design Perspective 2**



**Office Hallway Perspective**