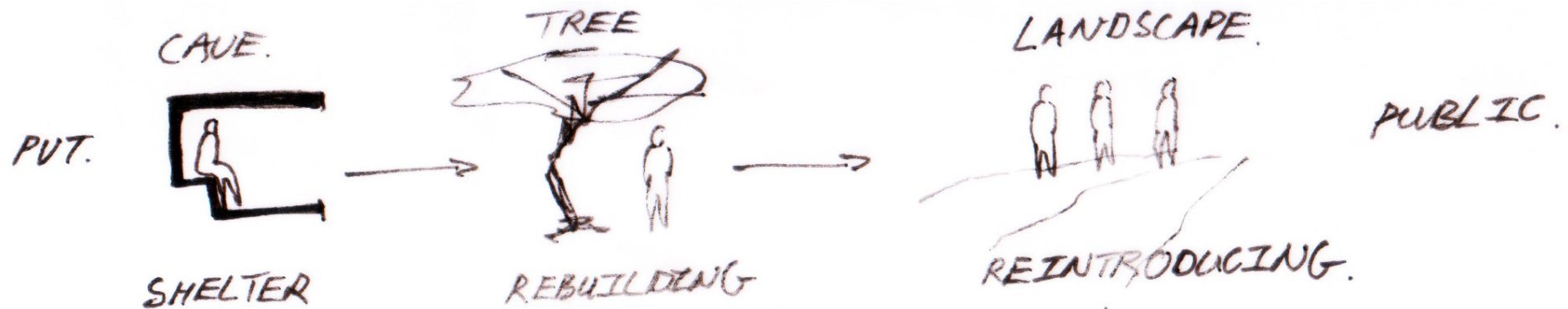


11 THE DESIGN



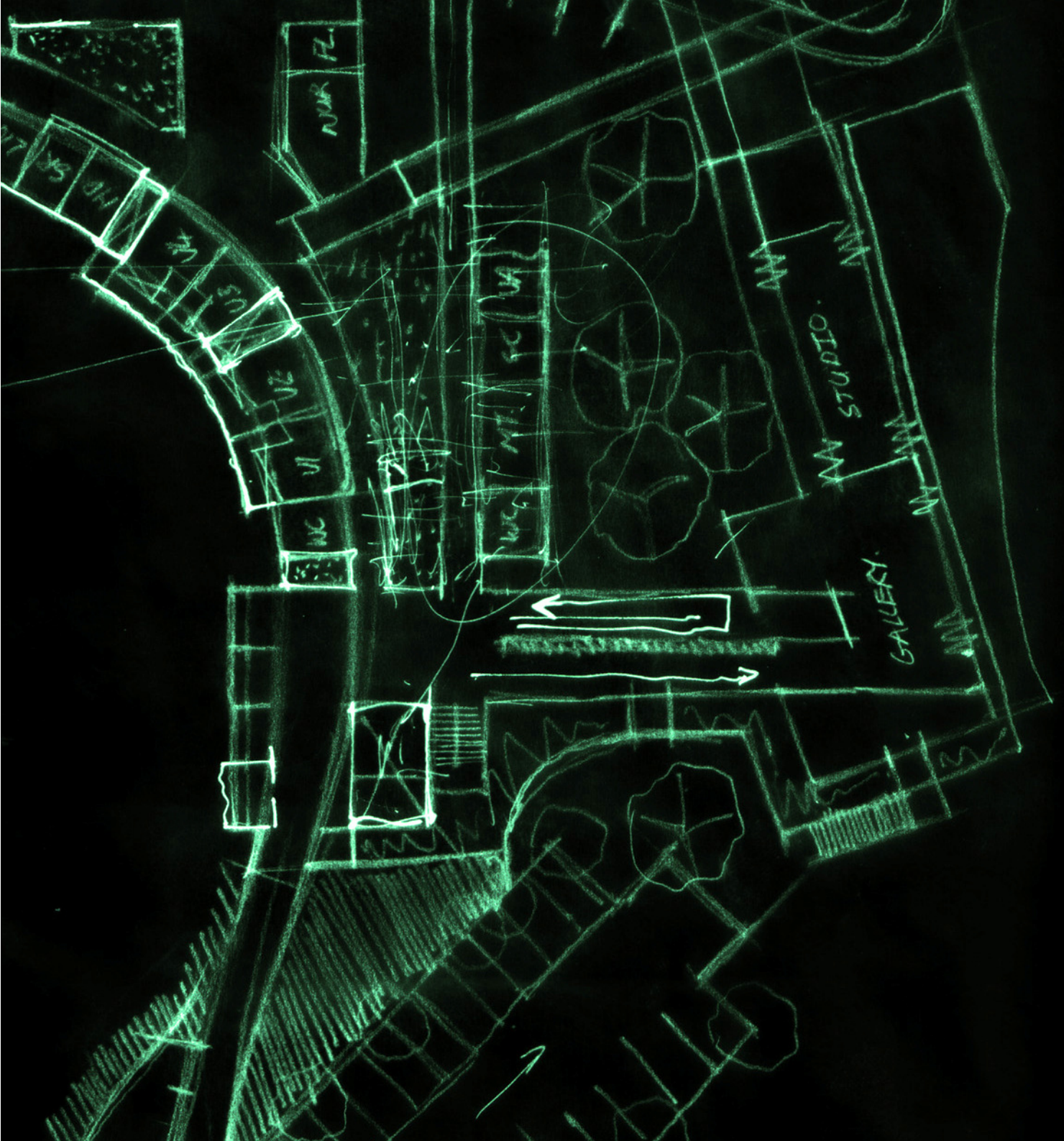
A source of life
(followthereader.files.wordpress.com)



Introduction to the Design

The design is based on the metaphor of an acacia tree. The tree offers us many rich analogies to draw from. Firstly the acacia tree is a protector, sheltering us from the harsh reality that surrounds us. It is an anchor around and underneath which a multitude of rituals may take place. It has become an icon in the African landscape and thus provides us with a sense of identity. The acacia tree is a place of gathering, for sharing and building relationship. It is a picture of birth and life. It weathers the seasons and embodies a natural cycle that is representative of the journey of healing and restoration. The roots of the acacia are the foundation upon which life is borne and are simultaneously the base for sustained recovery. The acacia is a place of unity and integration. It is a point of transition and a mediator. The Acacia tree is a threshold and signifies a gateway to the landscape.

The CCC is based on a narrative of healing. This speaks about a victim's journey from being hidden, enclosed and protected, to being gently exposed to a new beginning and ultimately reintegrated with the community. This sequence of encounters can be represented as the victim arriving, entering the cave, moving to the tree (threshold) and thereafter into the landscape, the community.



Conceptual Development

The structure of a tree speaks of a progression of parts connected in a way that forms a hierarchy of elements.

HIERARCHY OF SPACES.

STRUCTURE:

Within the tree exists a synthesis of perfect structure and a random organic pattern.

A PLACE FOR SHARING:

The tree bears witness to the stories shared amongst people.

SUSTINANCE:

The tree represents nourishment, a place where food and water can be found.

AWAY FROM THE SUN.

THE TREE AS PROTECTOR.

CYCLE OF LIFE:

The tree represents the passing of time, the changing of seasons, the miracle of life. It speaks of birth and death, of regeneration.

GATHERING:

The tree holds a gathering. It becomes an anchor around which rituals take place.

THE SENSES:

All the senses are in play when one encounters the tree. A tree can evoke a wonderful sense of serenity.

SENSE OF PLACE:

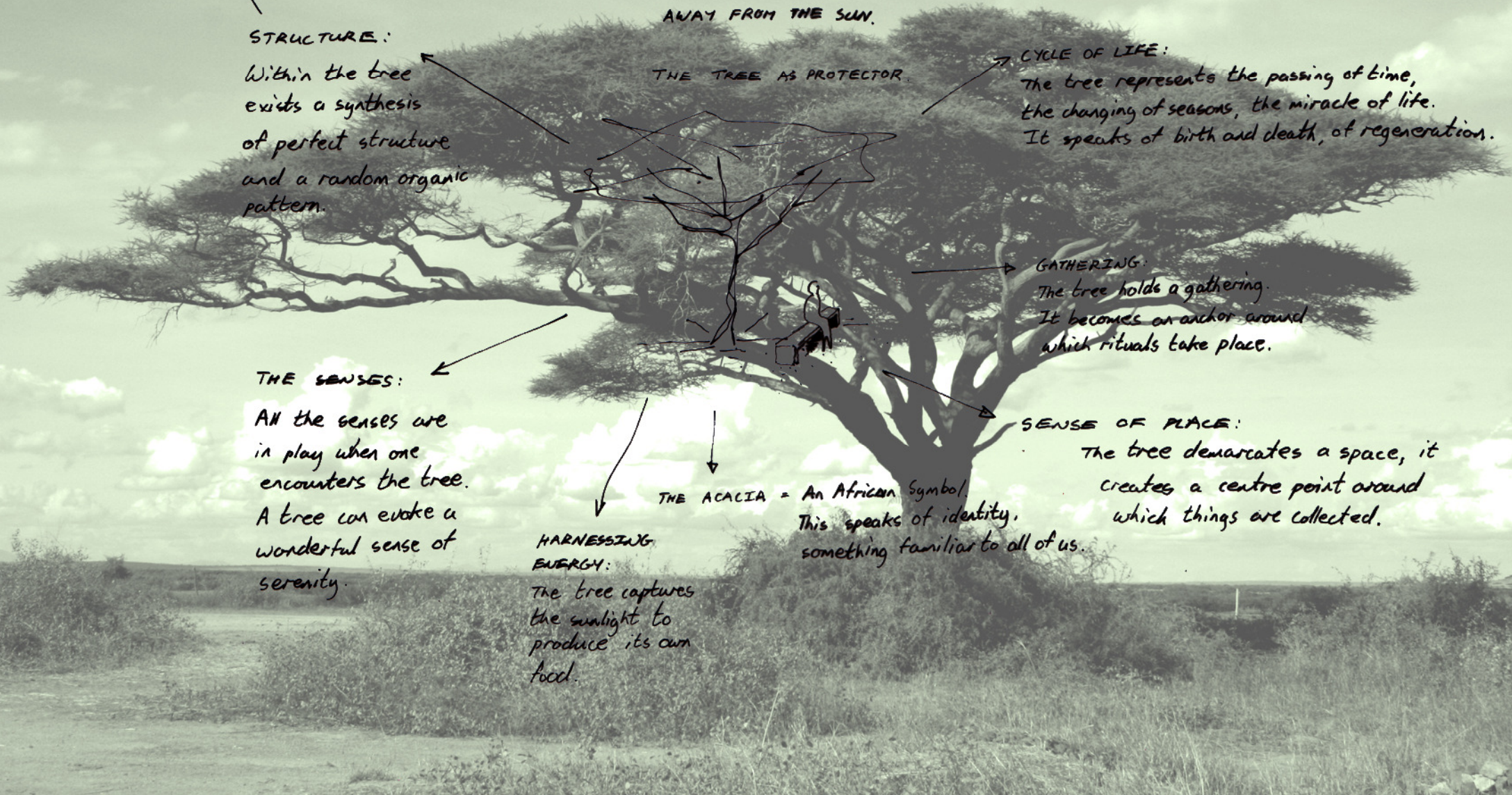
The tree demarcates a space, it creates a centre point around which things are collected.

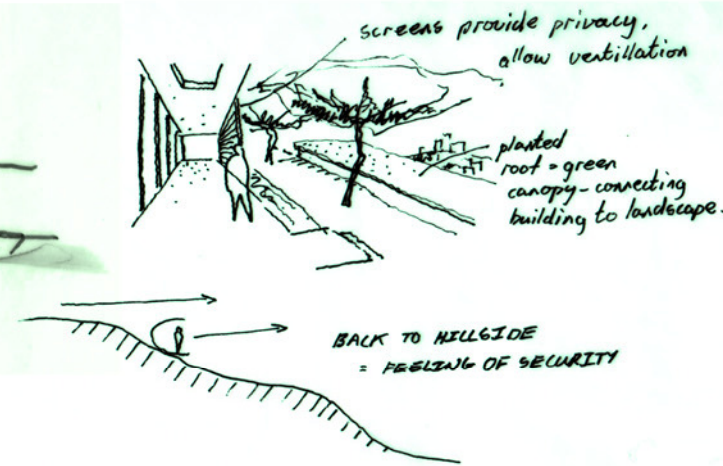
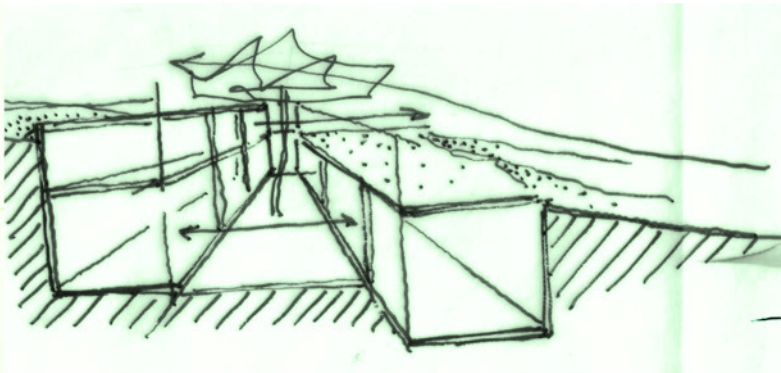
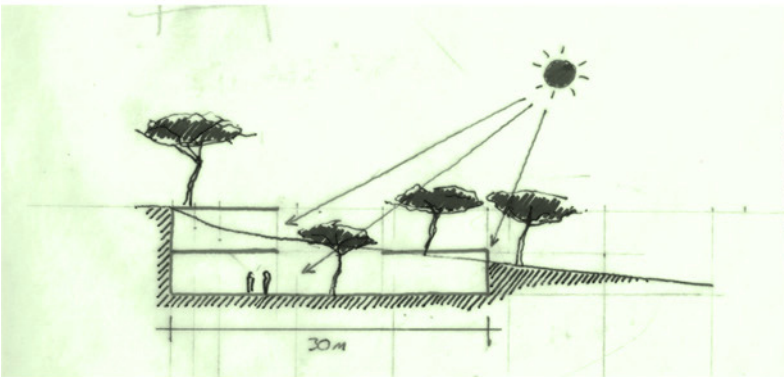
THE ACACIA = An African symbol.

This speaks of identity, something familiar to all of us.

HARNESSING ENERGY:

The tree captures the sunlight to produce its own food.





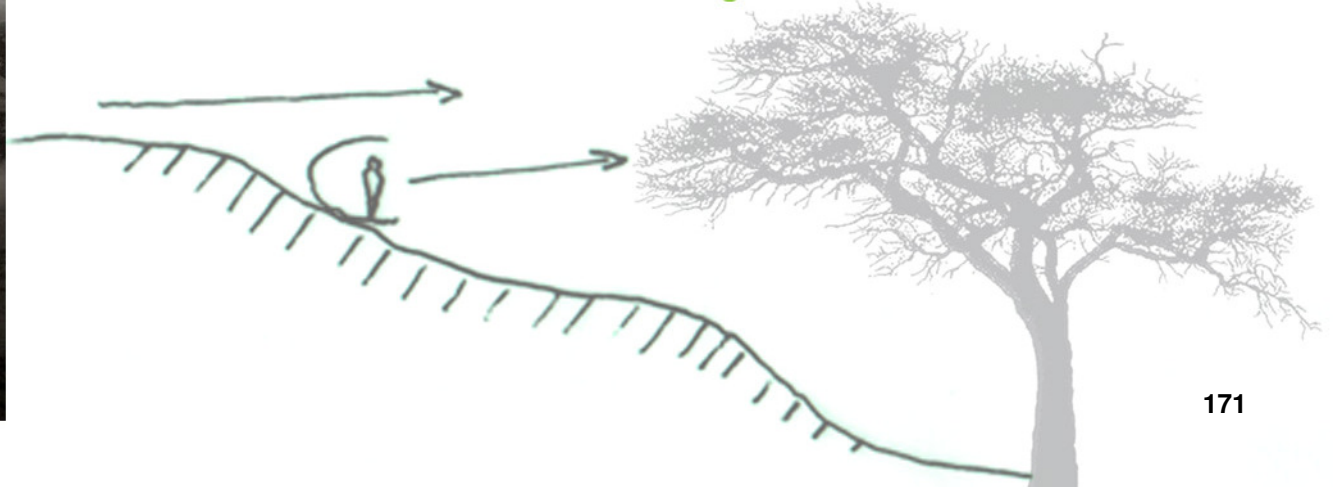
I intend on utilizing the fall of the site by cutting into the ground so that the building reads as an extension of the landscape.

The concept of tree as canopy is articulated through the building by creating green terraces. The building therefore becomes this protective layer following the topography.



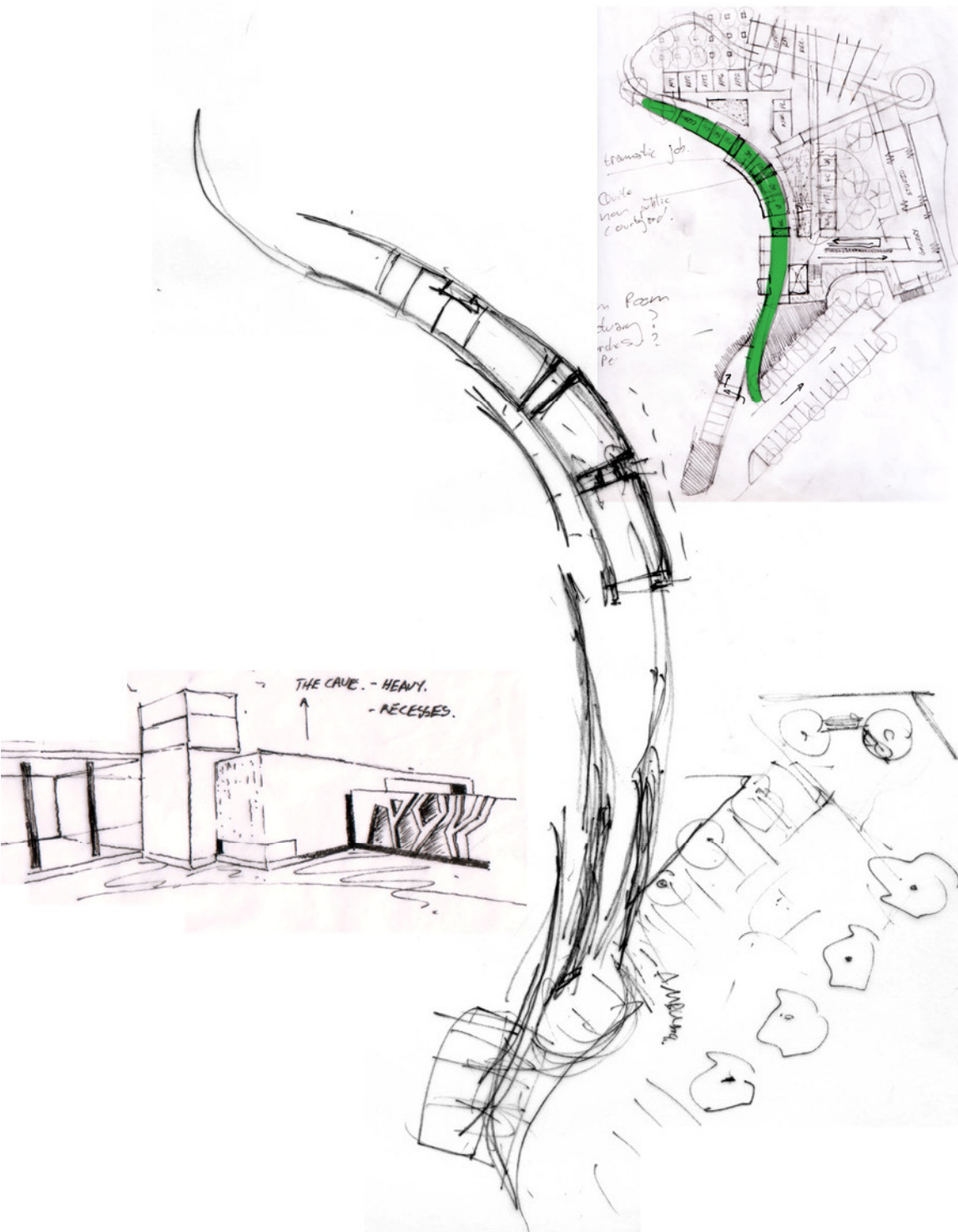
In turning the buildings back to the hillside, a feeling of safety is generated as the landscape appears to embrace the architecture.

This aids in establishing a space for victims to retreat from the prevalent danger.



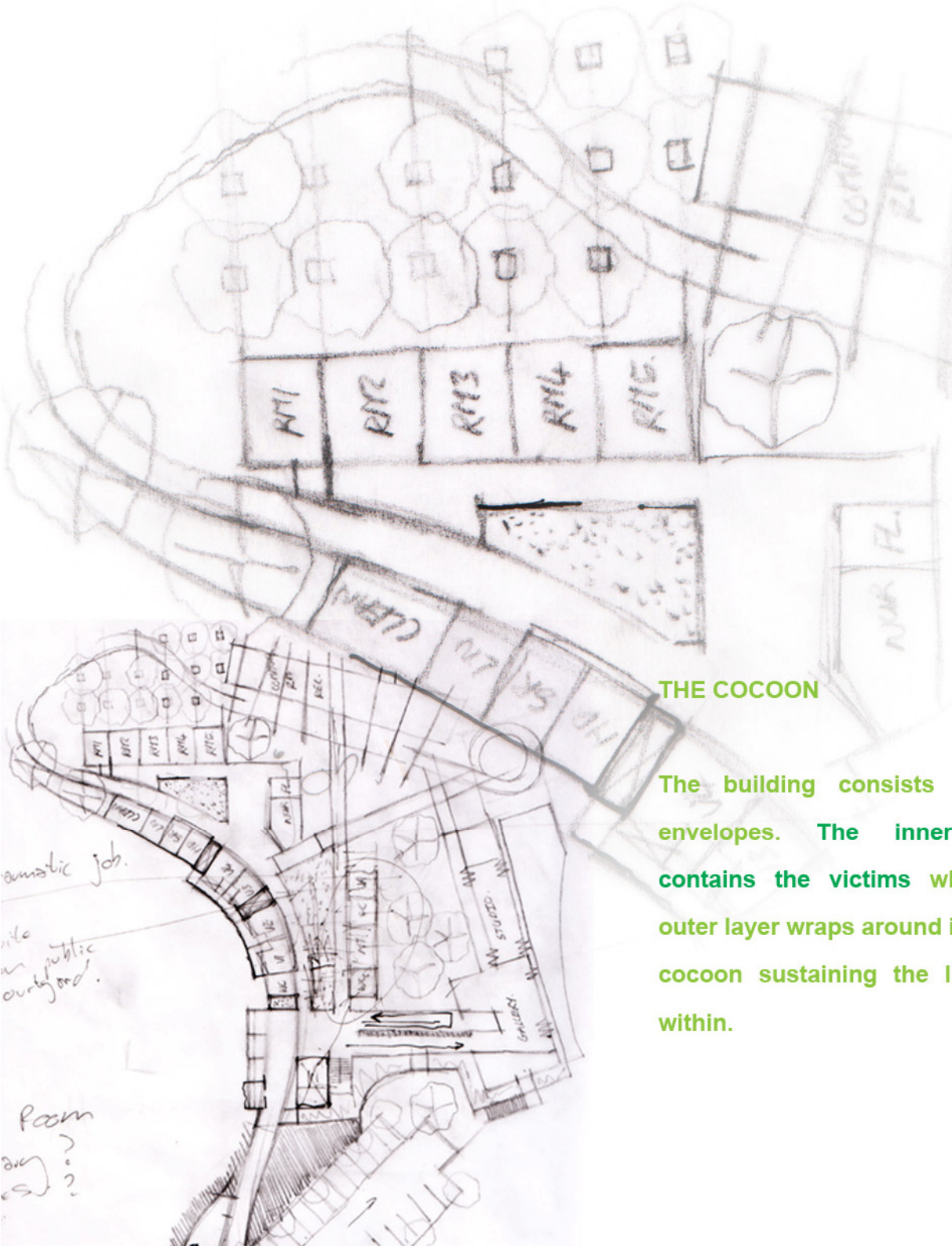


A canopy of protection
(Author's own)



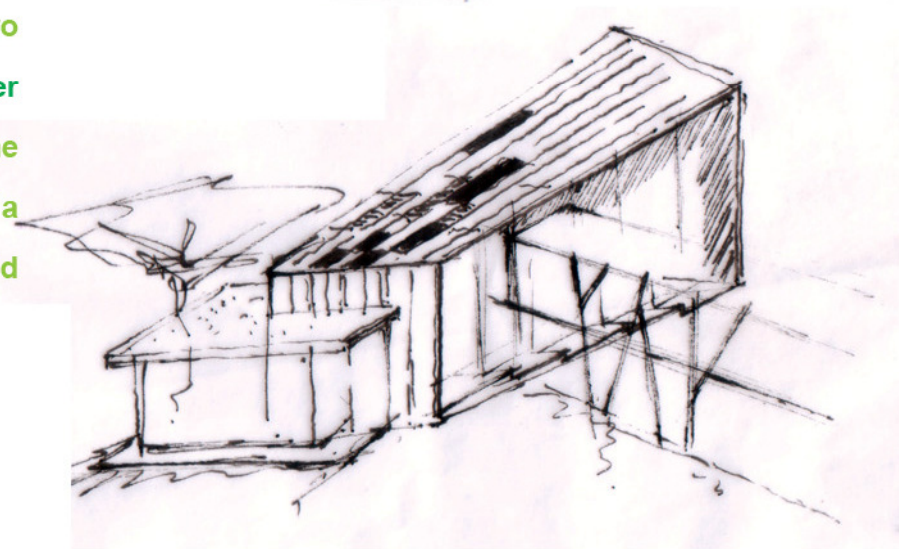
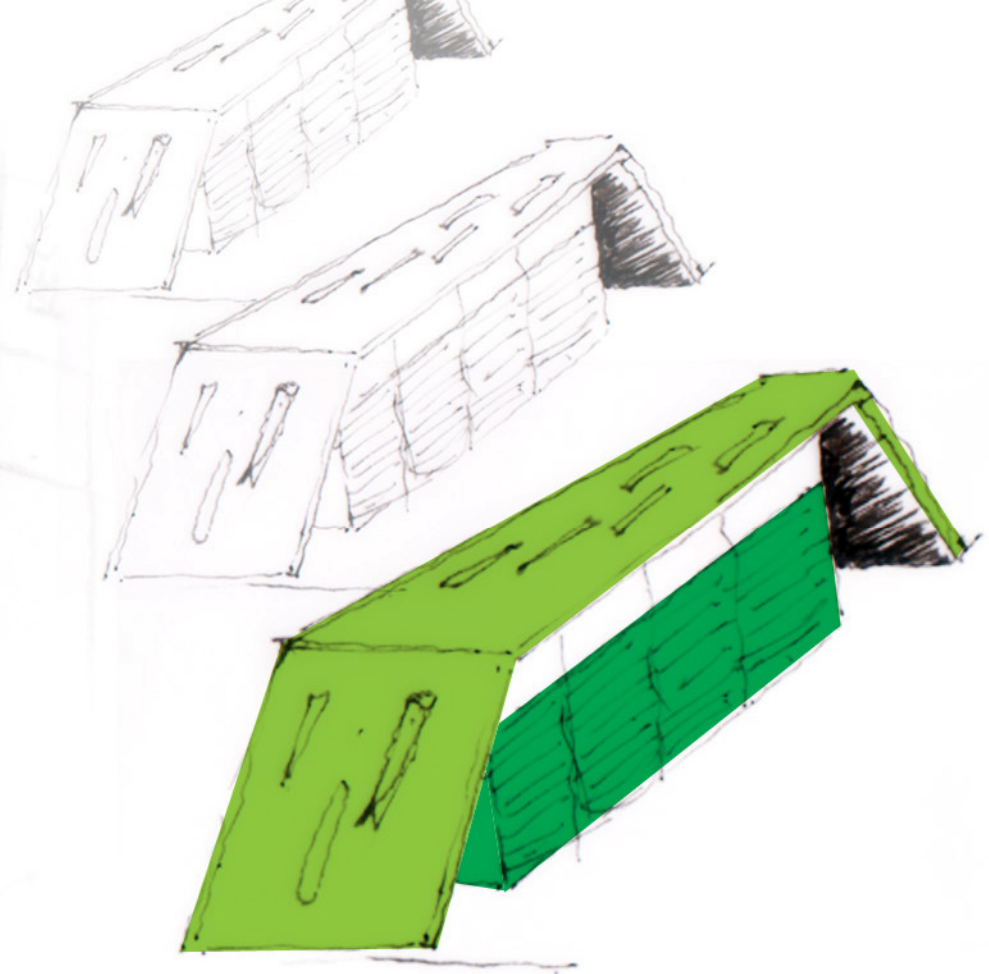
THE WOMB, THE CAVE, THE NEST

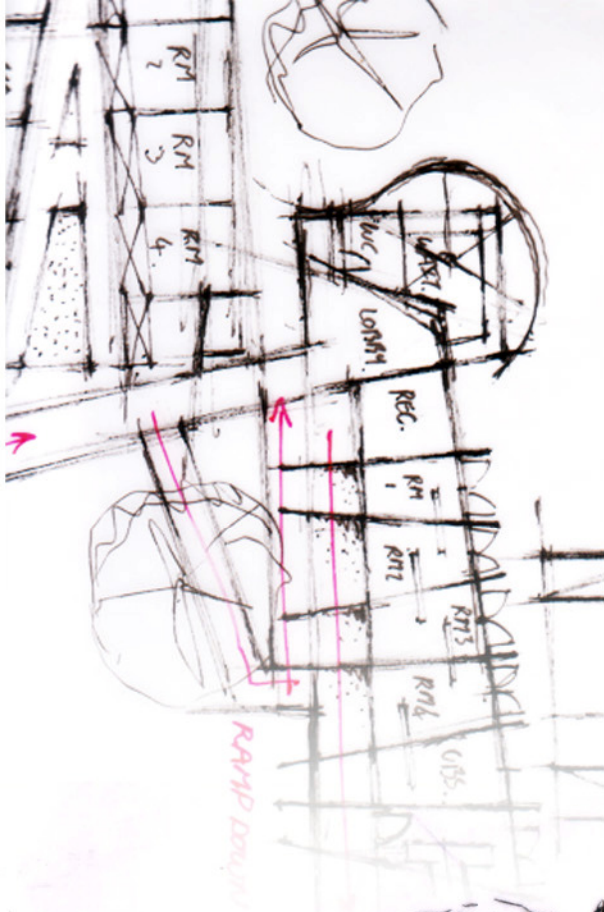
By creating a long curved, stone wall that encloses the CCC, a space to retreat is created. The wall acts as an anchor to the building, its solid presence instilling a quality of strength and security.



THE COCOON

The building consists of two envelopes. The inner layer contains the victims while the outer layer wraps around it, as if a cocoon sustaining the life held within.

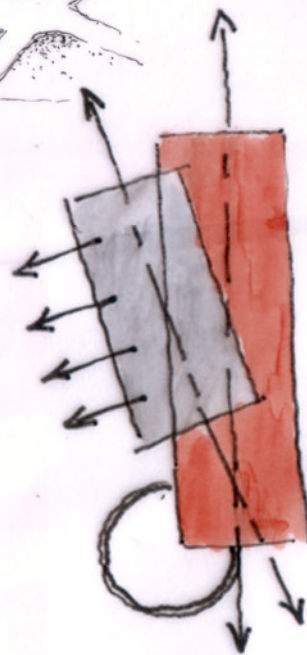
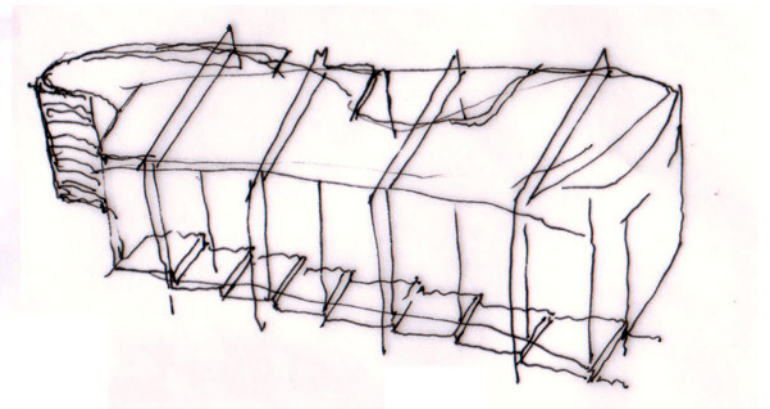
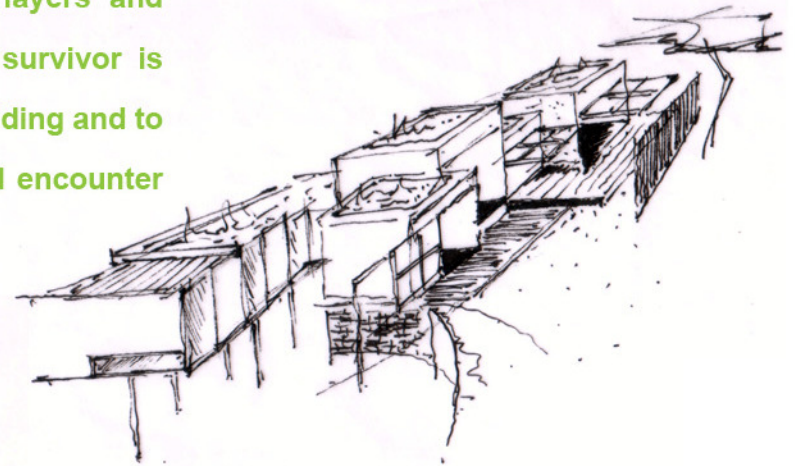


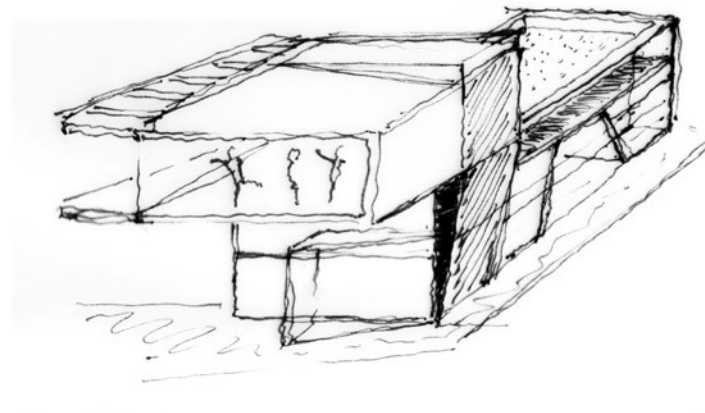
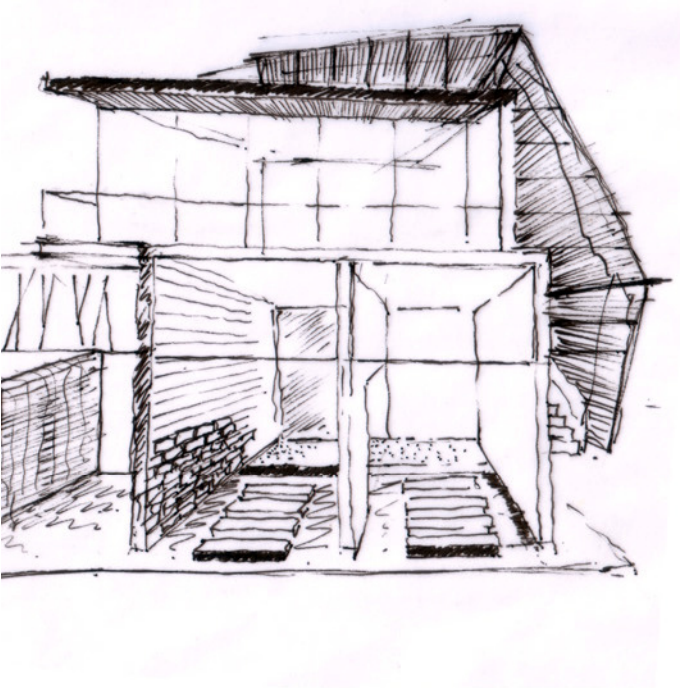


Above images are from www.gettyimages.com

THE SEED

The building is about peeling away the layers and opening up to new life and growth. The survivor is encouraged to leave the confines of the building and to explore the landscape where he or she will encounter spaces conducive to healing.



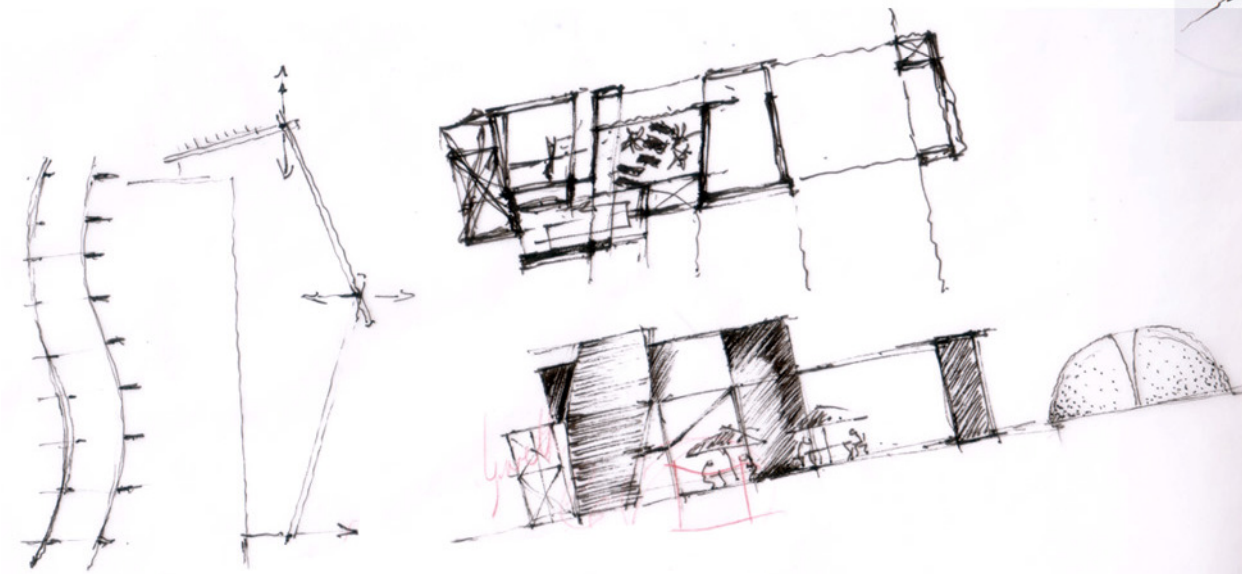


THE VINE

The public realm of the CCC is held within the vine. This building is about permeability and opening up to the community. The idea is that the facades fold away so as to create a strong connection between the functions happening within the building and the context surrounding the CCC.

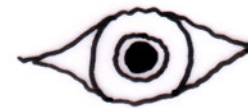
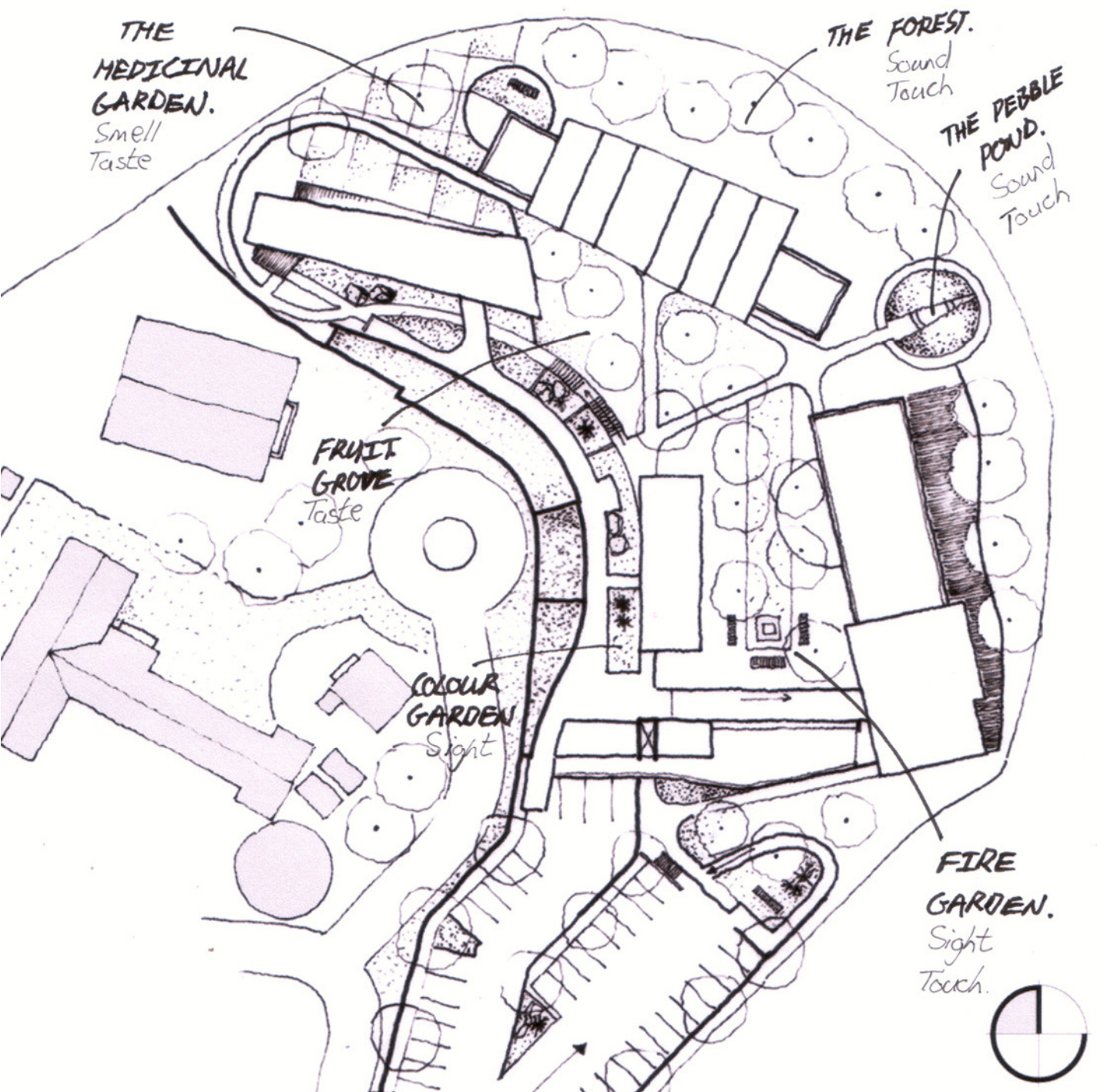


sphere.
- knowledge, truth, understanding.
- splitting open, revealing.



THE SACRED SPACE

It is a point of integration between mind, body and soul. It is a place for reflection, for retaining or discarding memories.



THERAPY THROUGH THE SENSES



MEMORY

BAREFOOT GARDEN

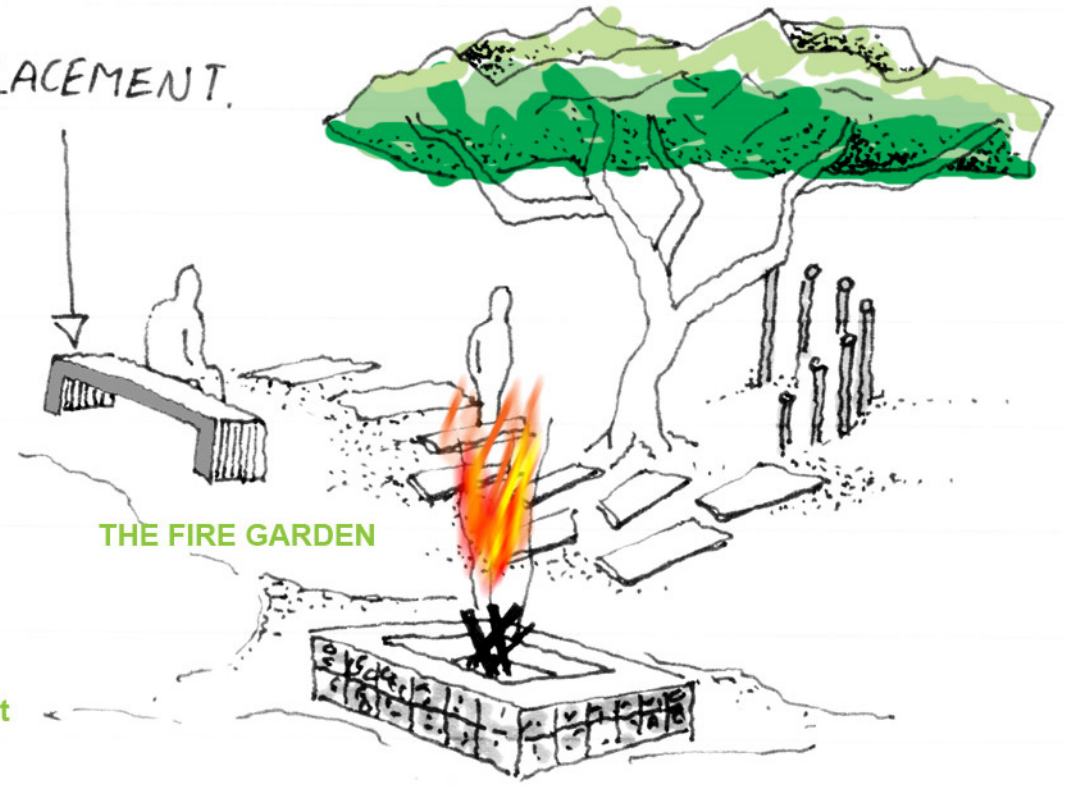
The patients are encouraged to enter the space and feel the different textures under foot. One may even choose to wade through the water.

PLACEMENT.

THE FIRE GARDEN

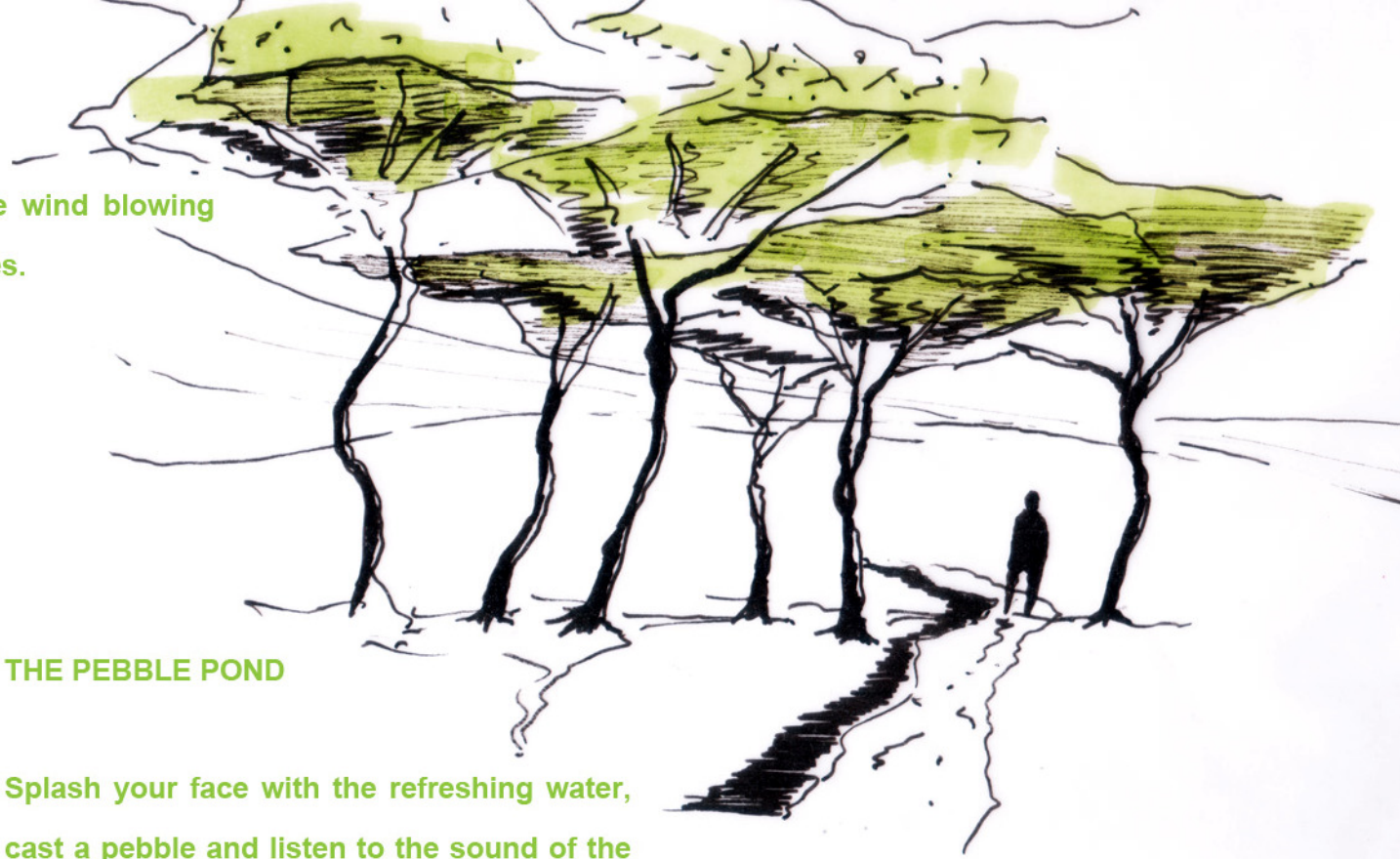
CANDY

- WARMTH
- LIGHT.
- GATHERING.
- ENCLOSURE



THE FOREST

Experience the sound of the wind blowing through the leaves of the trees.



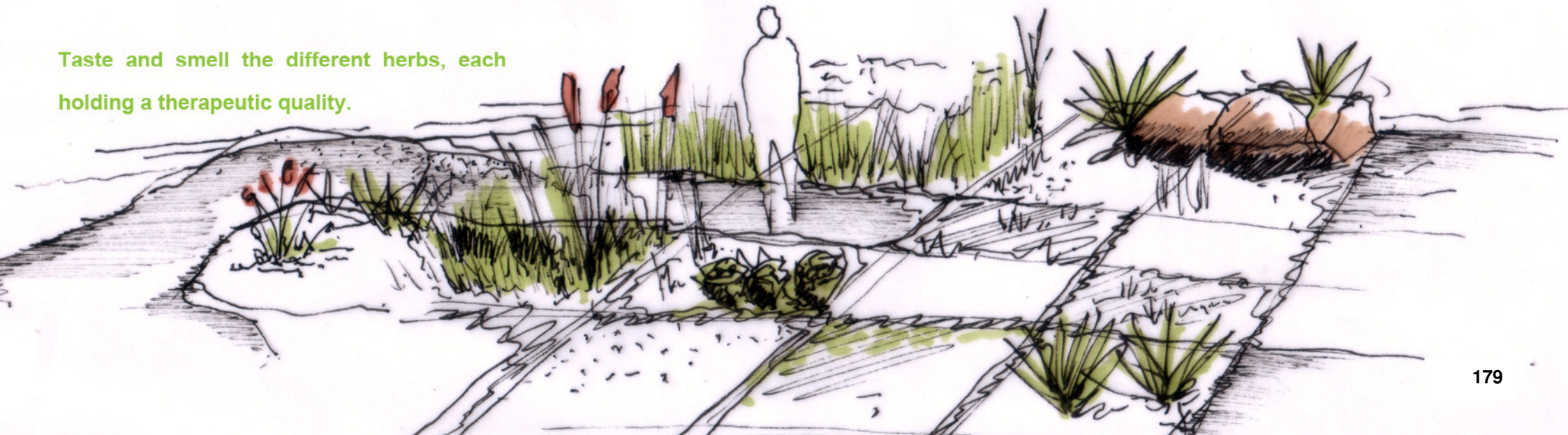
THE PEBBLE POND

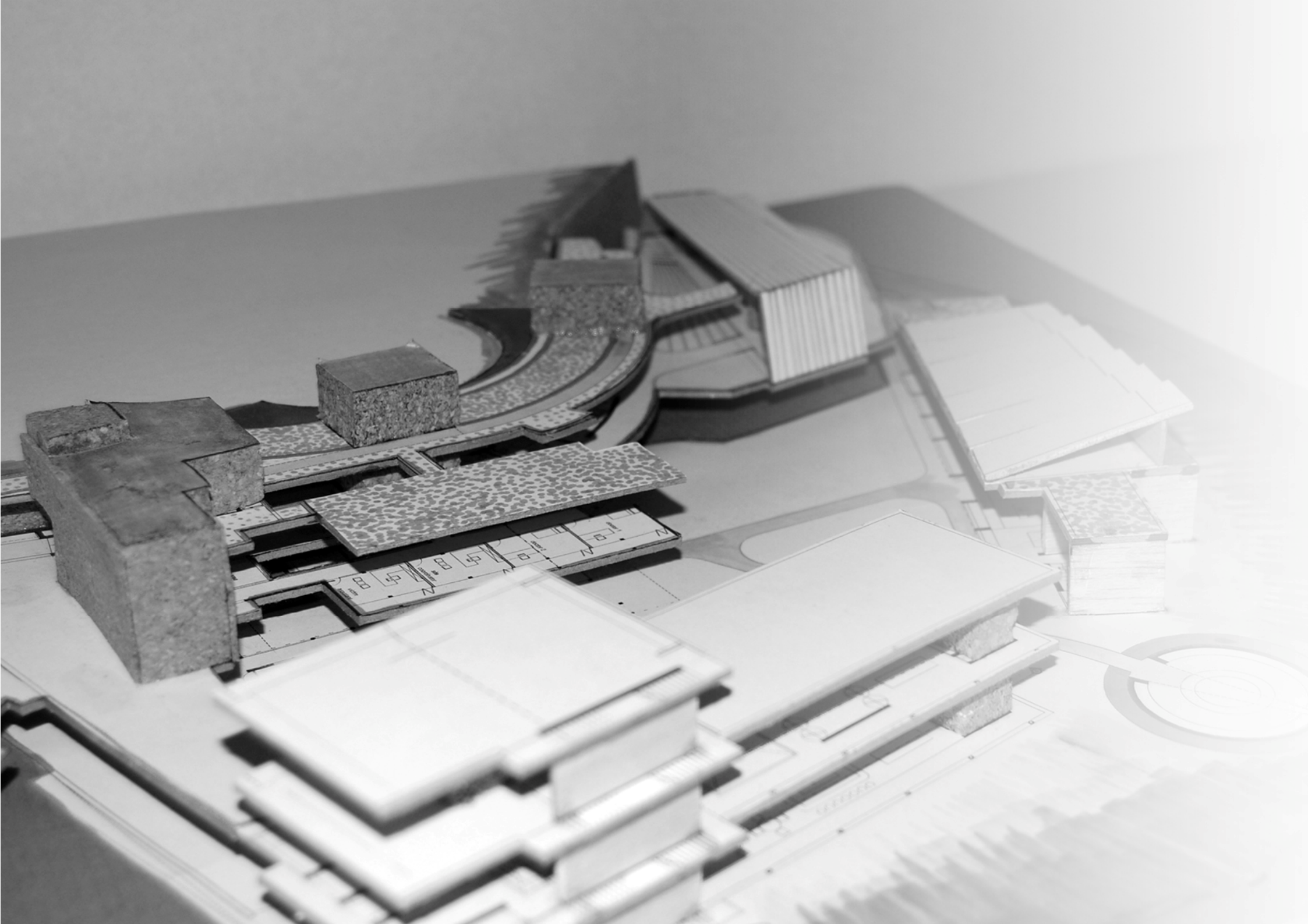
Splash your face with the refreshing water, cast a pebble and listen to the sound of the splash as it strikes the surface.



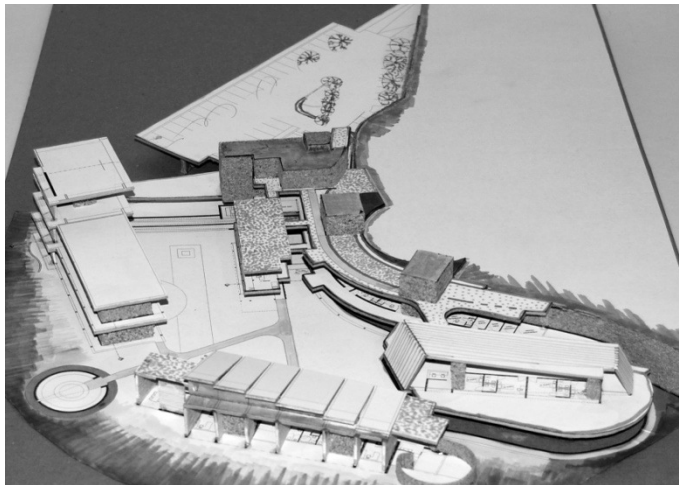
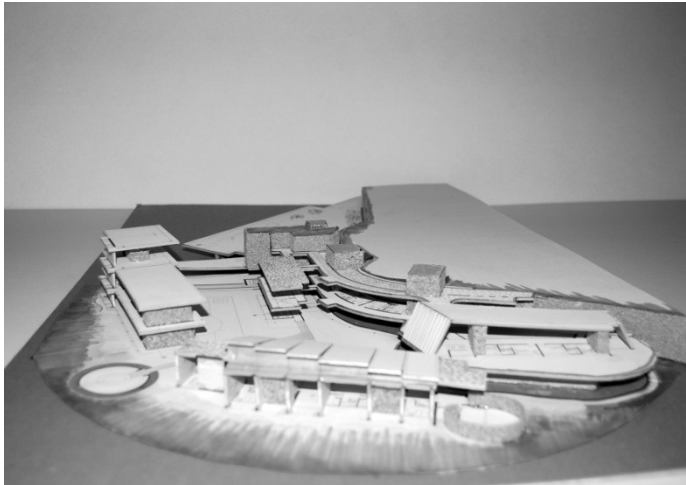
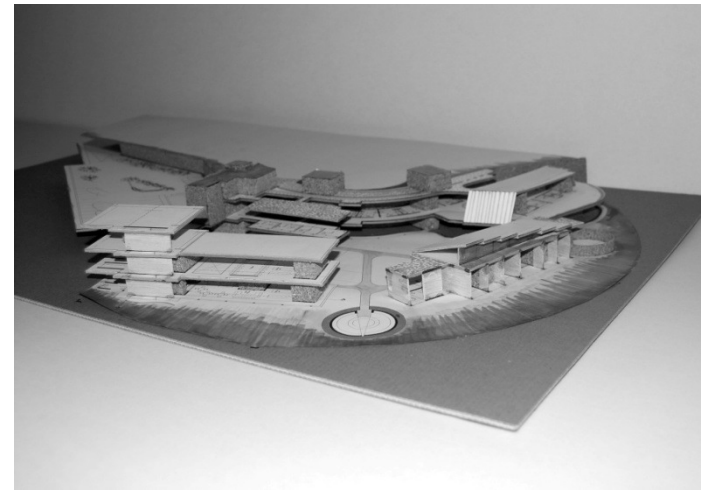
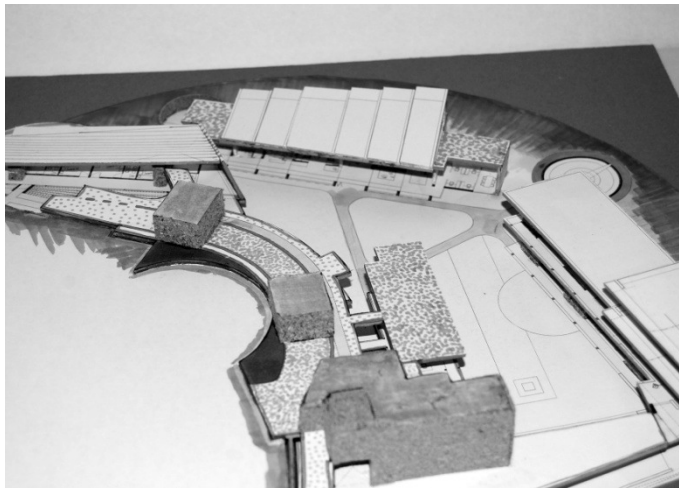
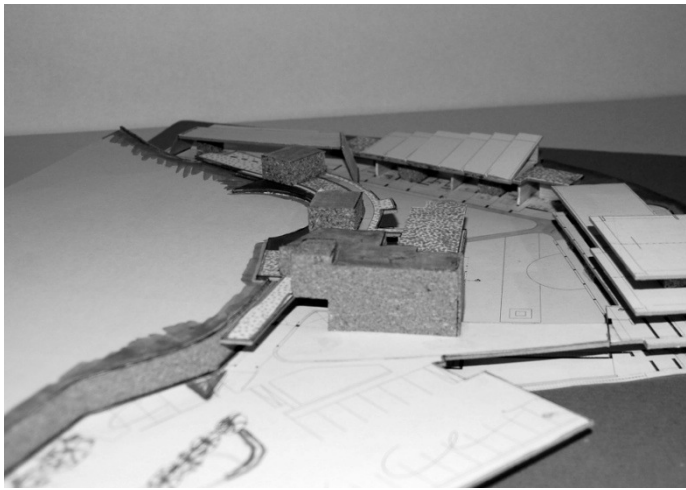
THE MEDICINAL GARDEN

Taste and smell the different herbs, each holding a therapeutic quality.





Conceptual Model





Final Model



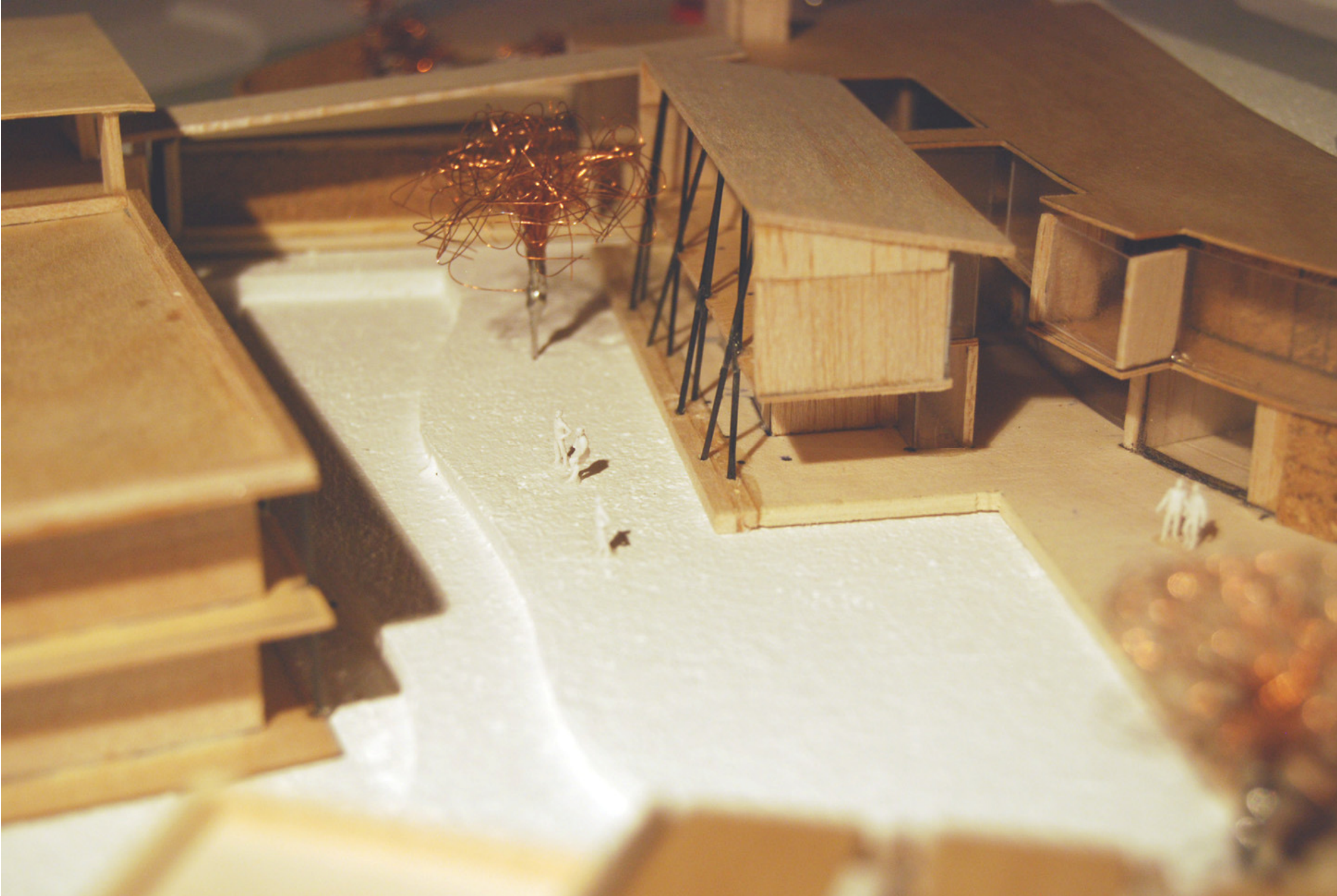








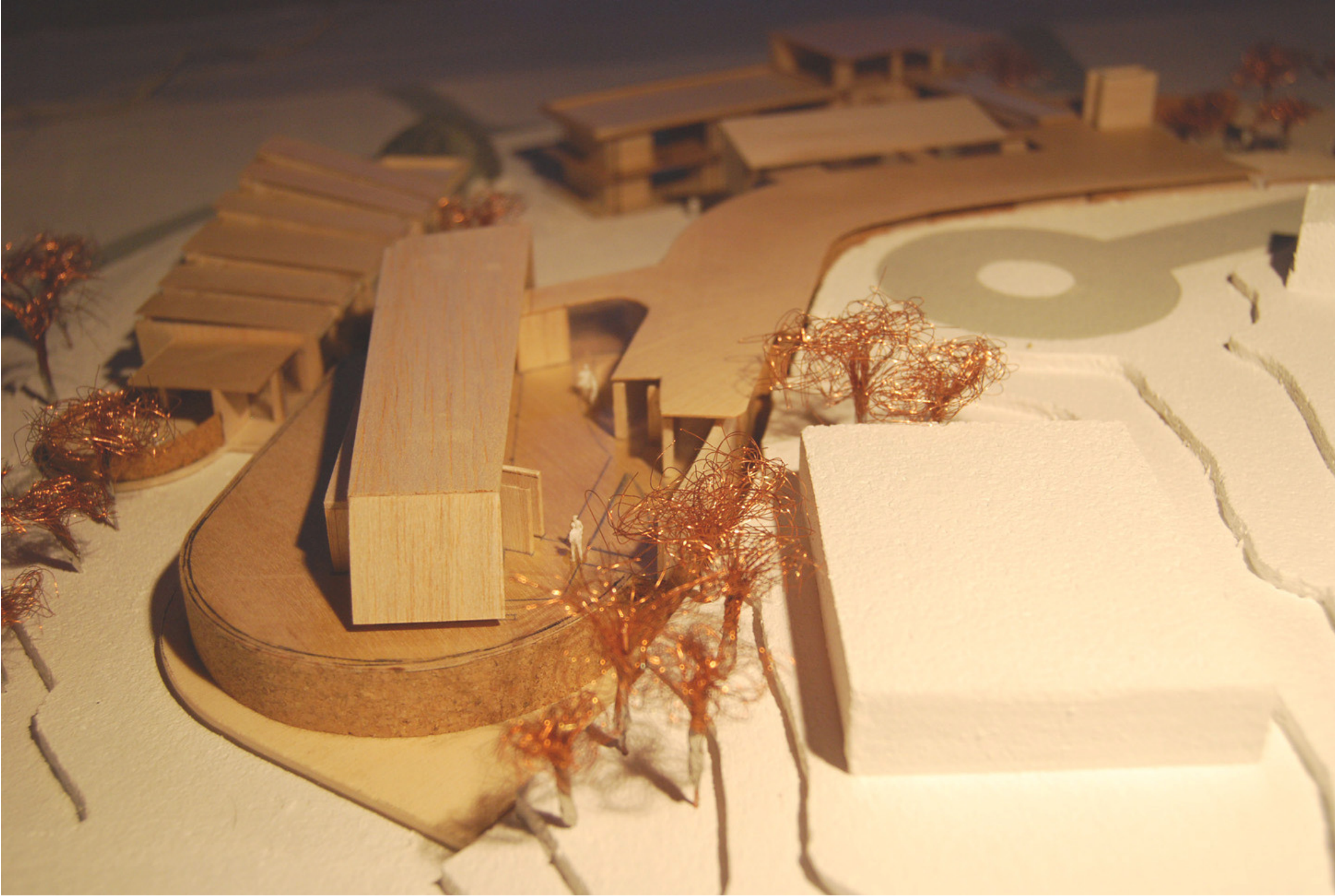








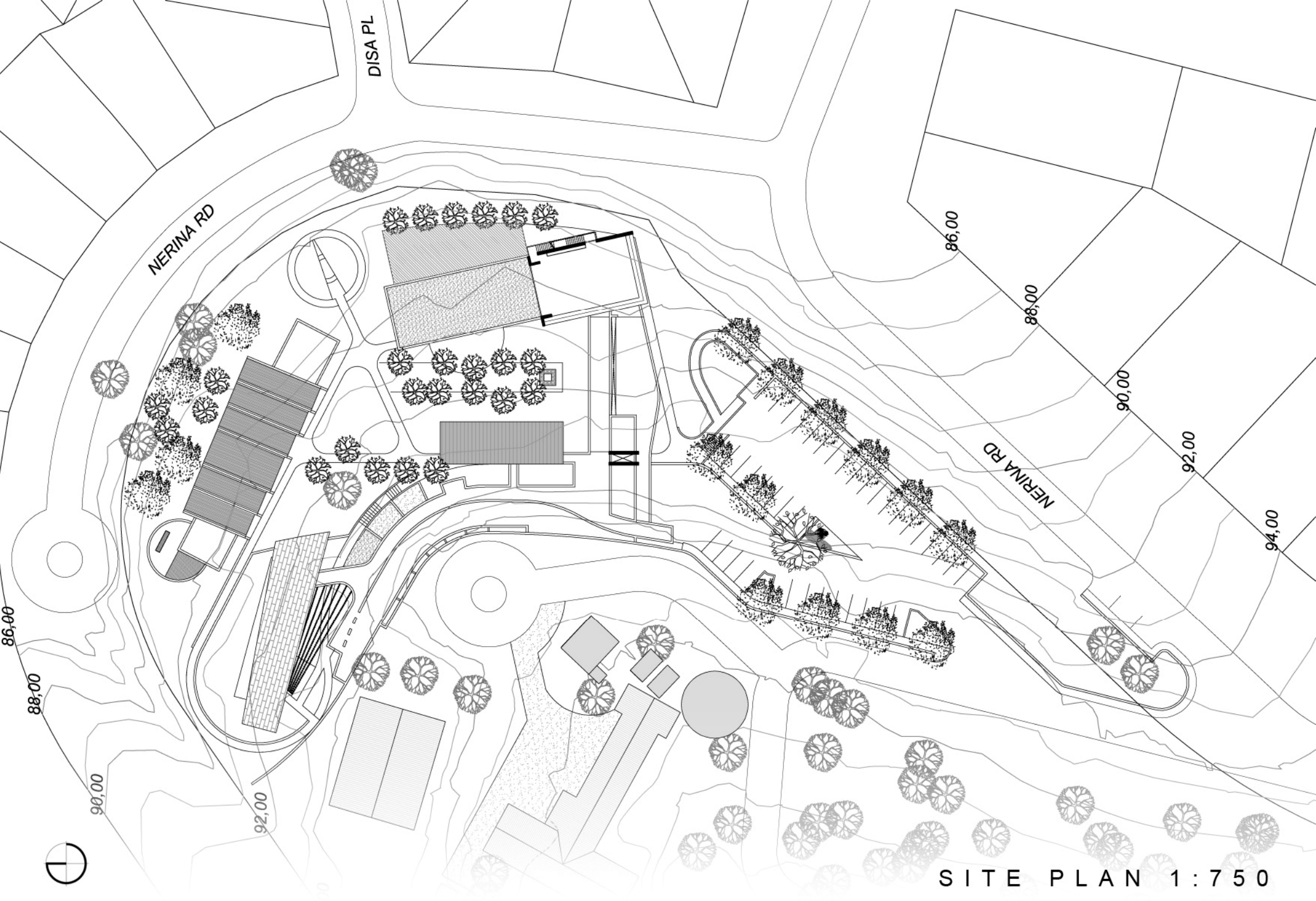








Design Drawings



NERINA RD

DISA PL

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88.00

90.00

92.00

94.00

NERINA RD

86.00

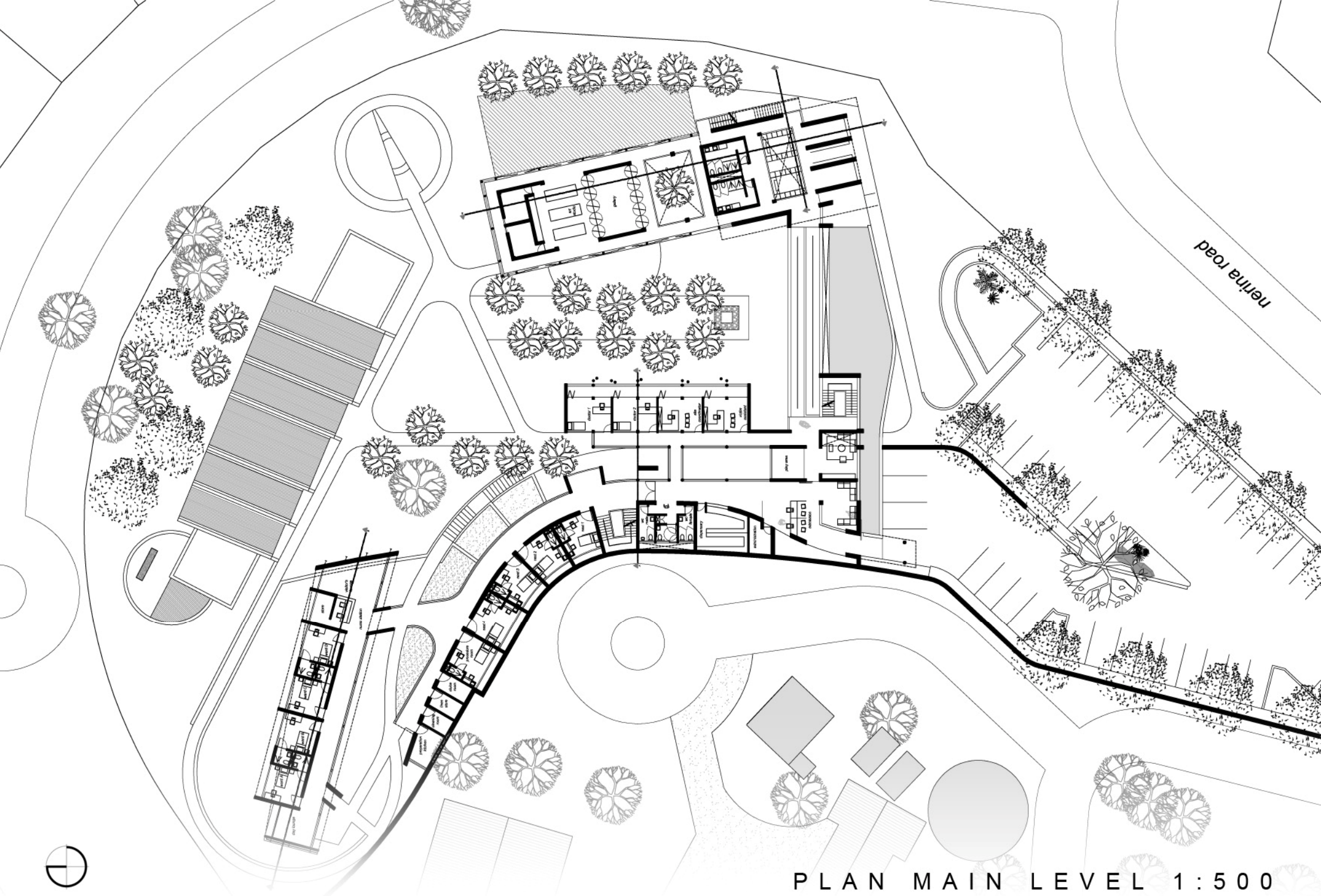
88.00

90.00

92.00



SITE PLAN 1:750

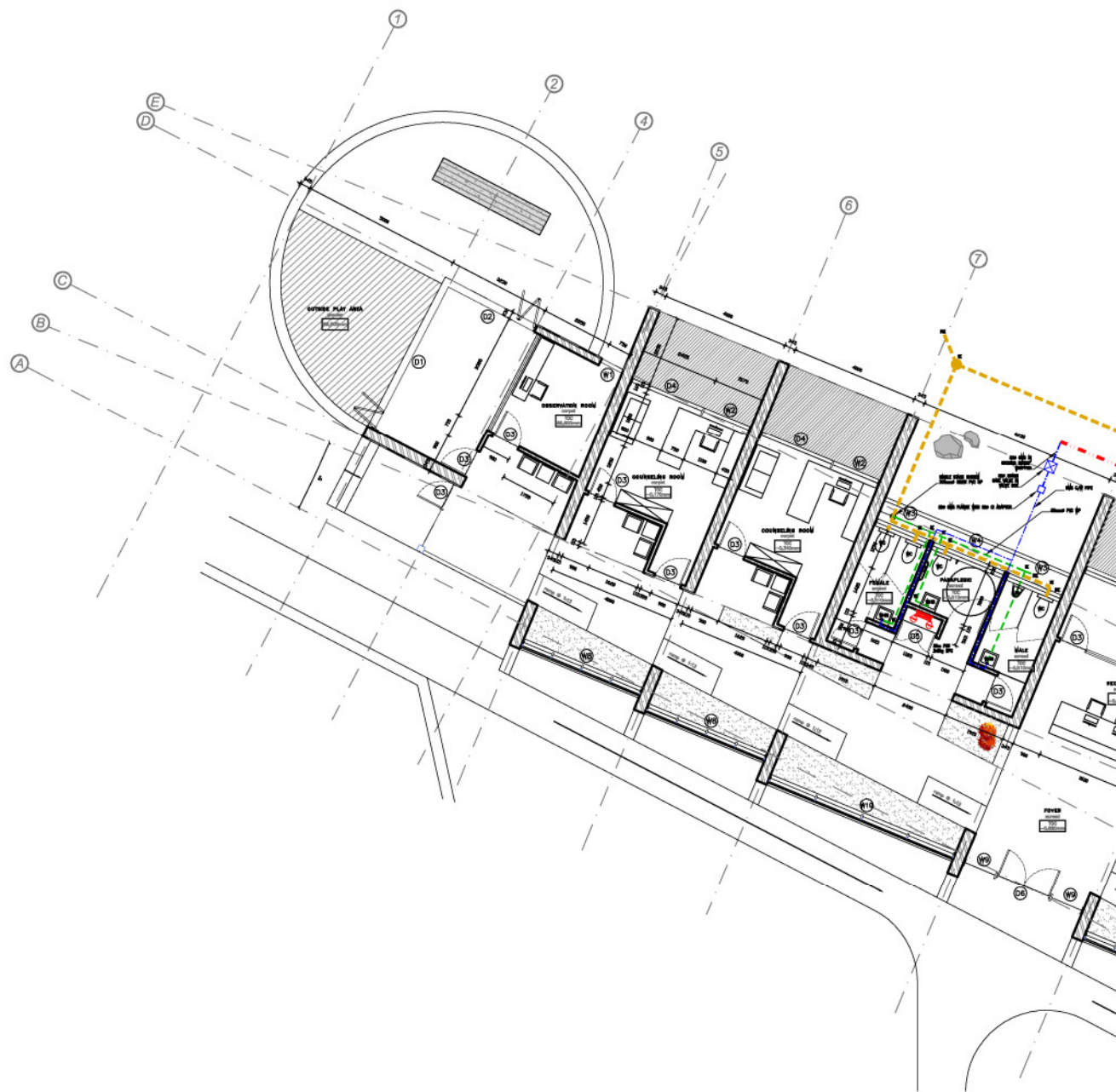


PLAN MAIN LEVEL 1:500



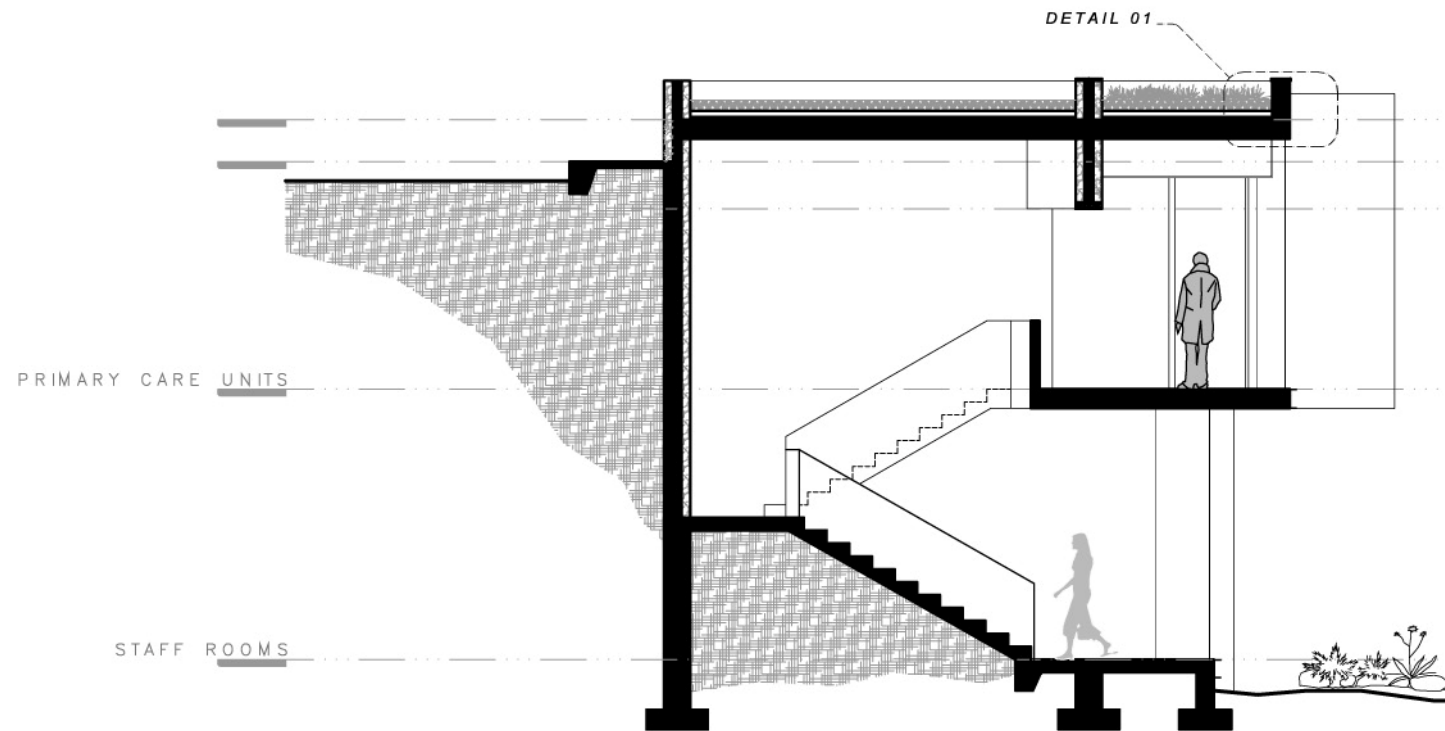
neirna road

PLAN LOWER LEVEL 1:500

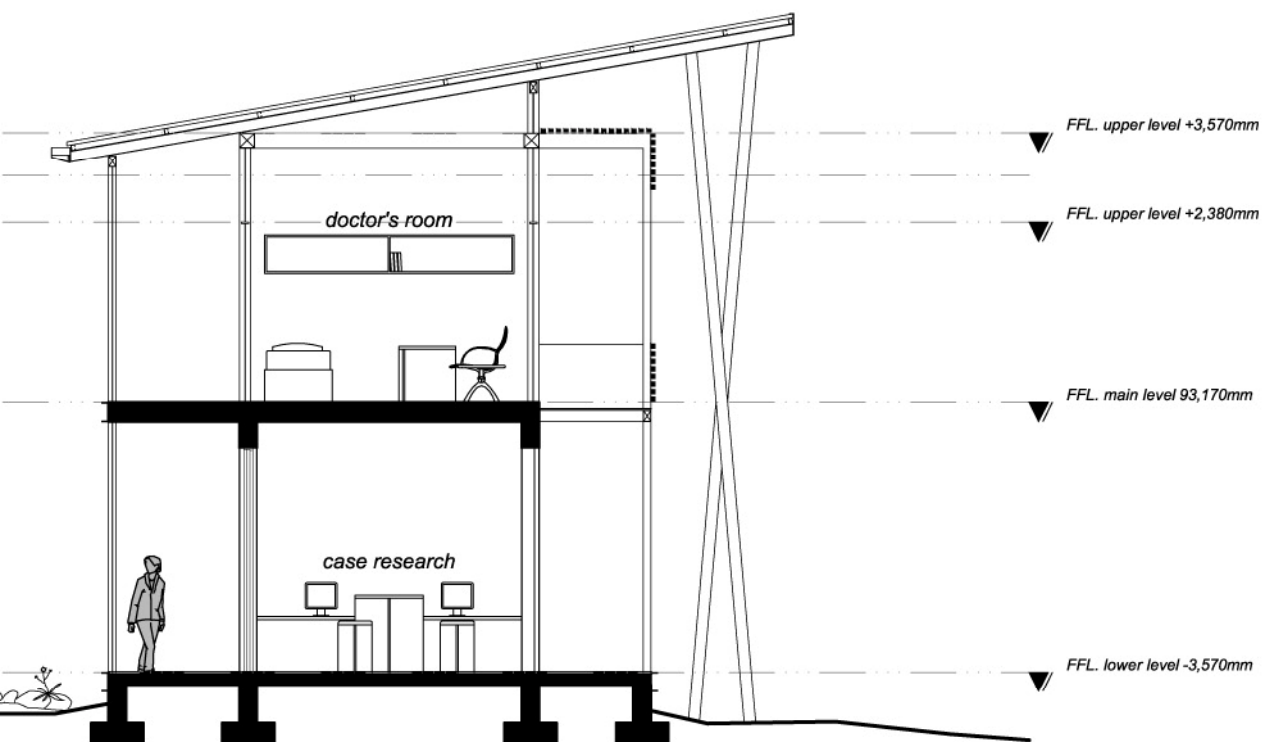


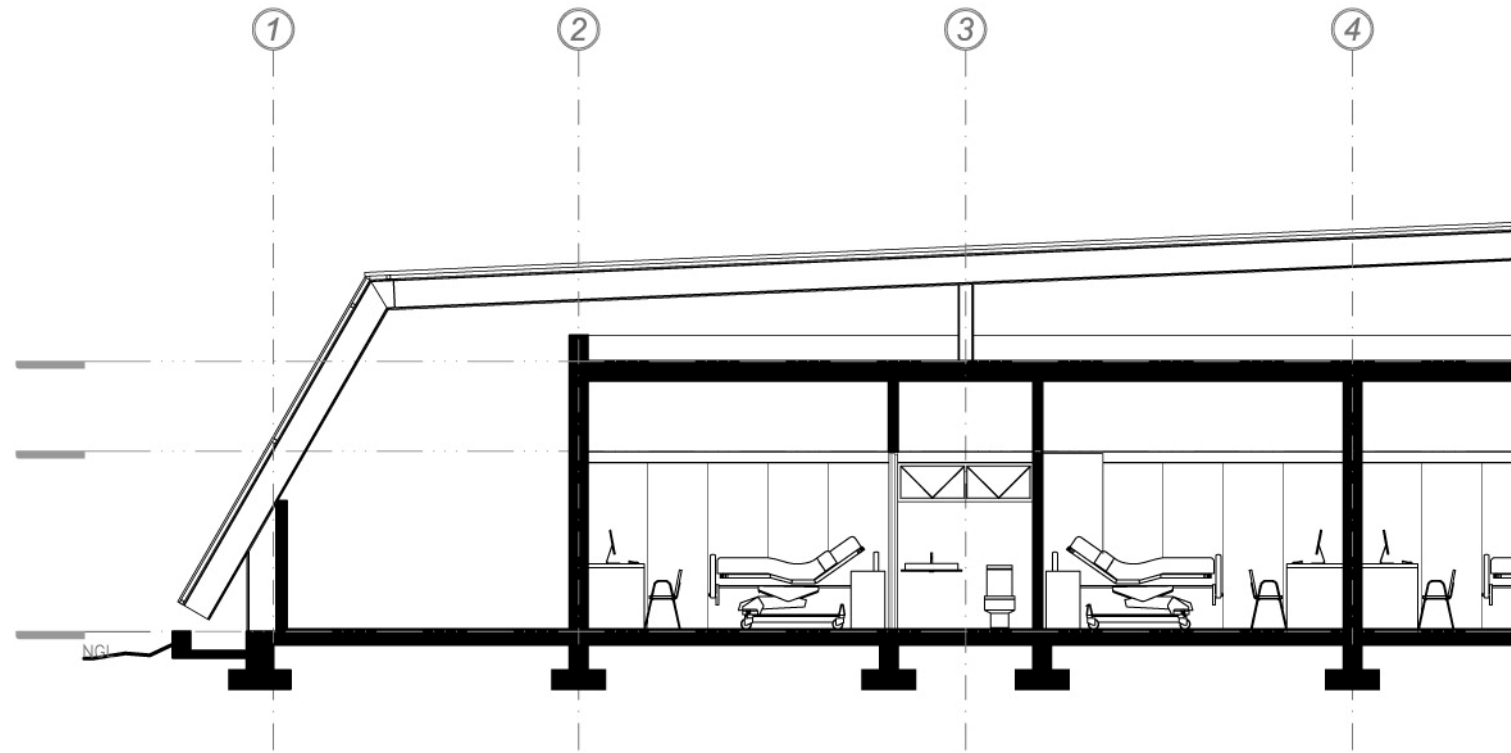
DETAILED PLAN OF THE SEED 1:200



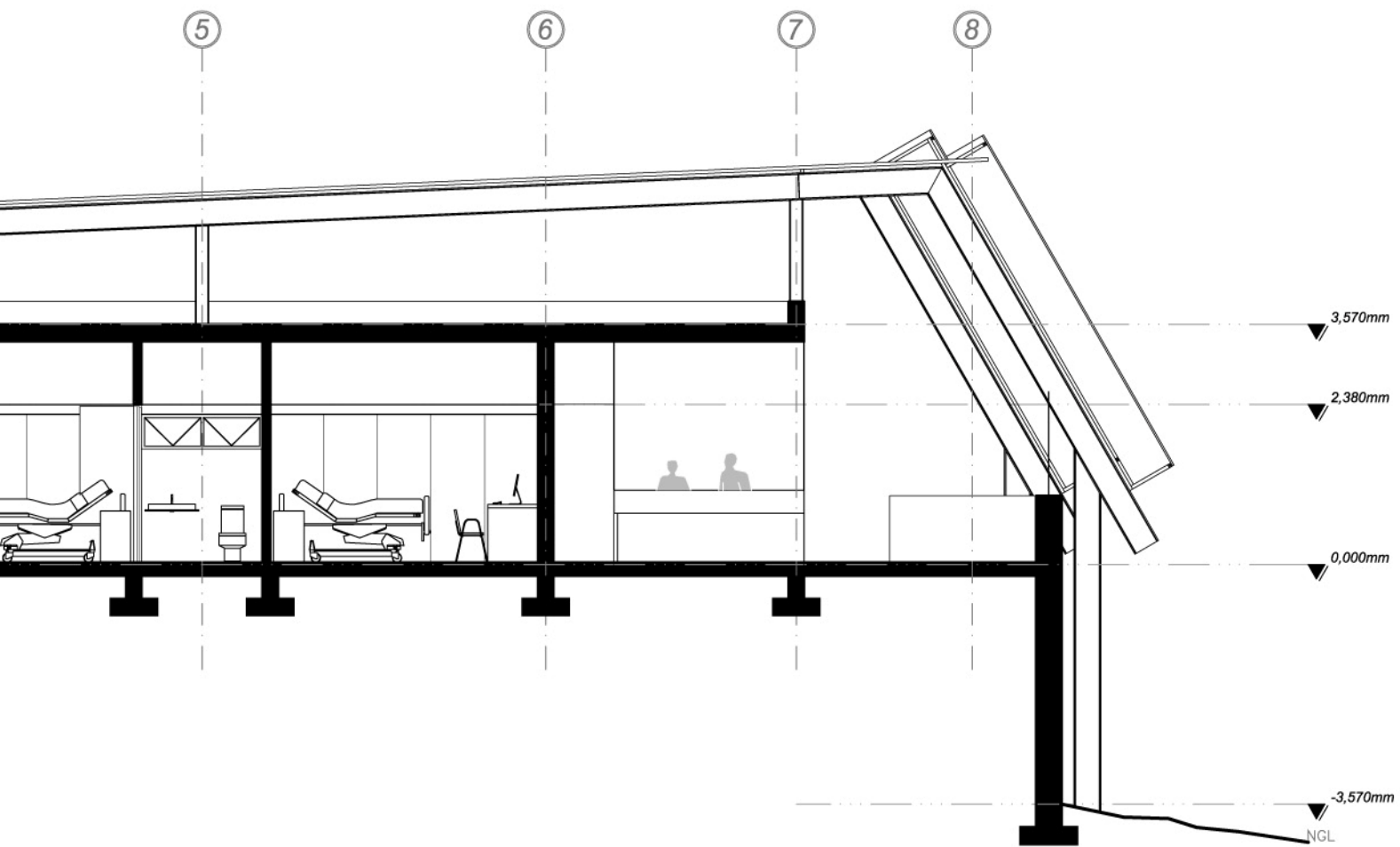


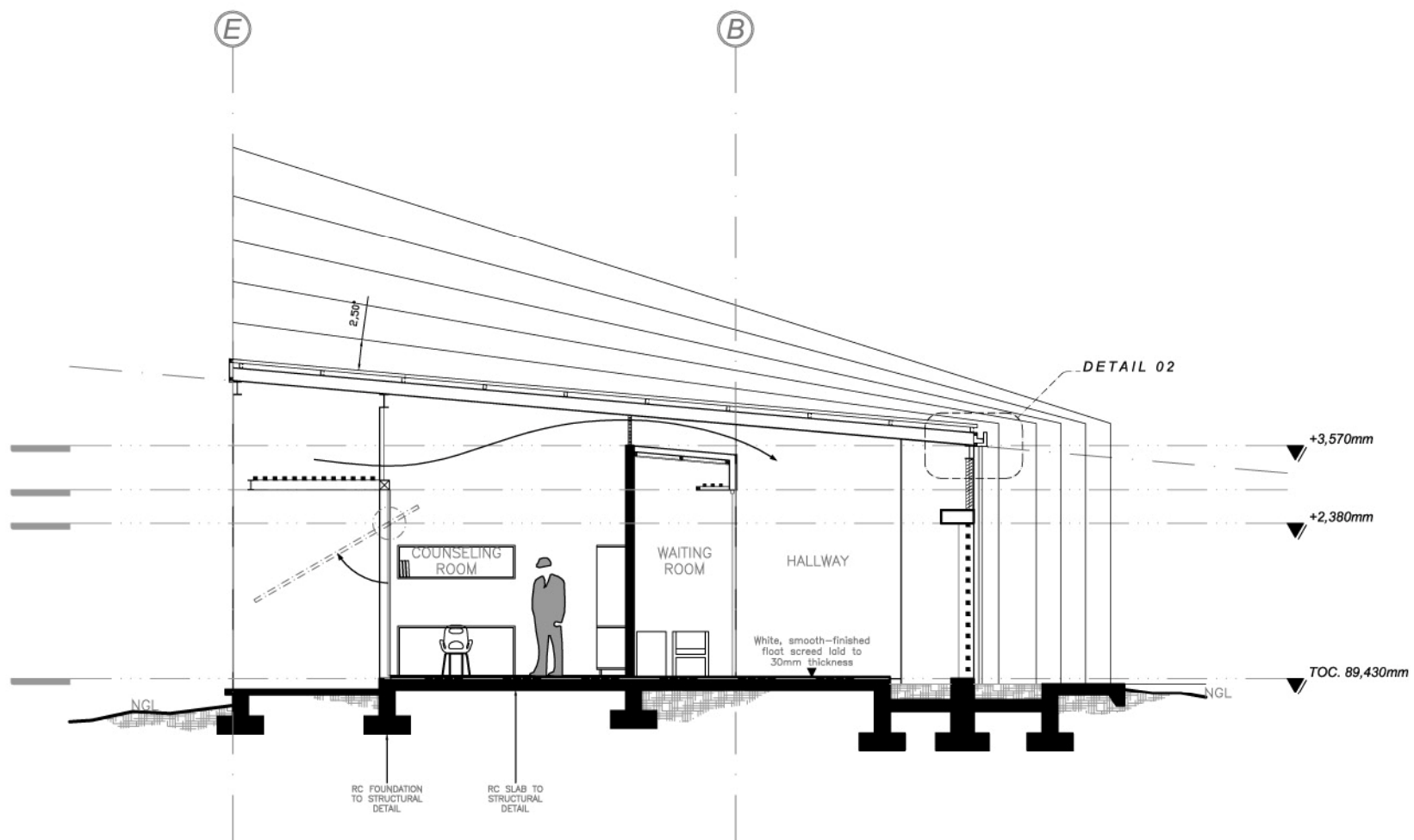
SECTION AA 1:100



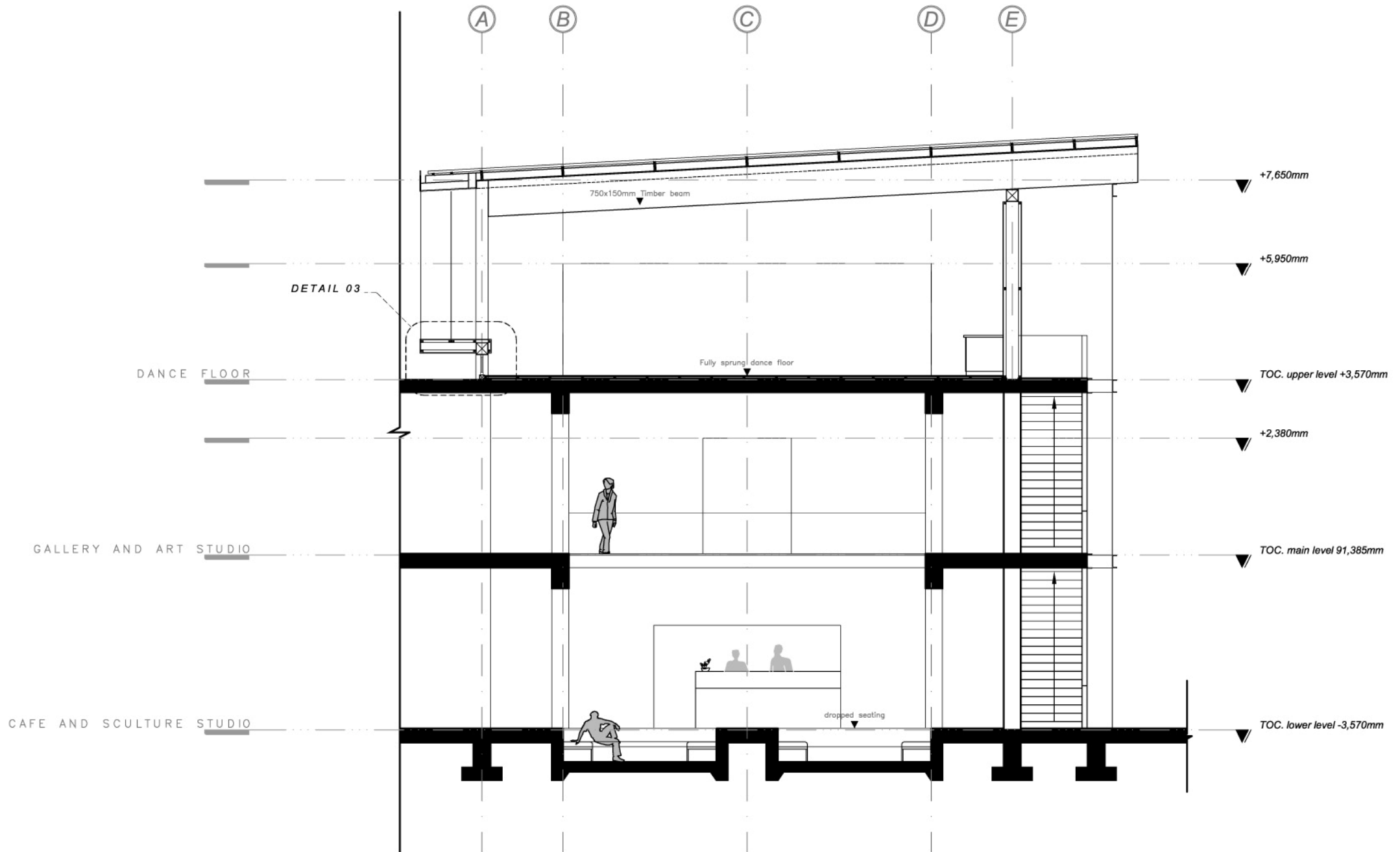


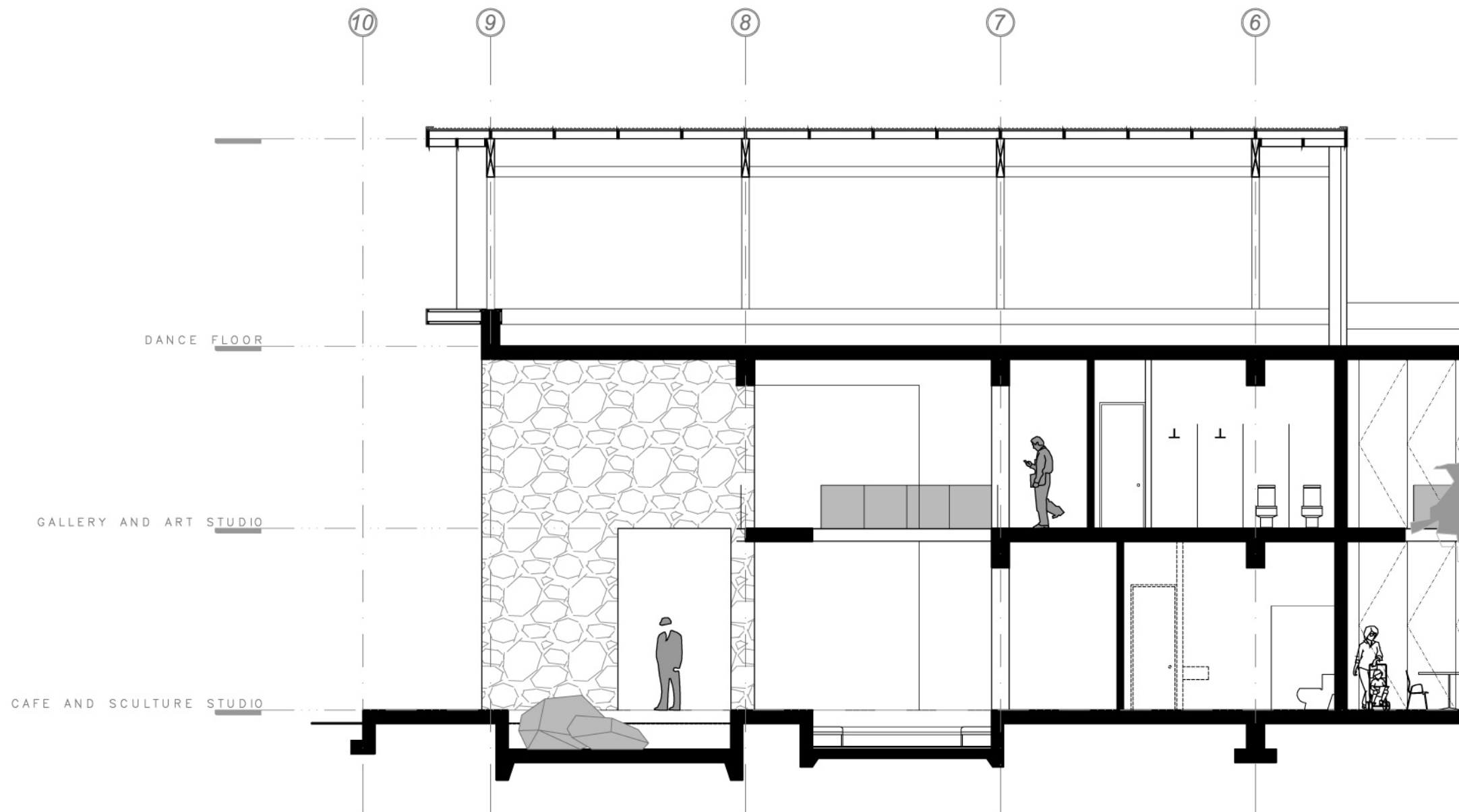
SECTION BB 1:100



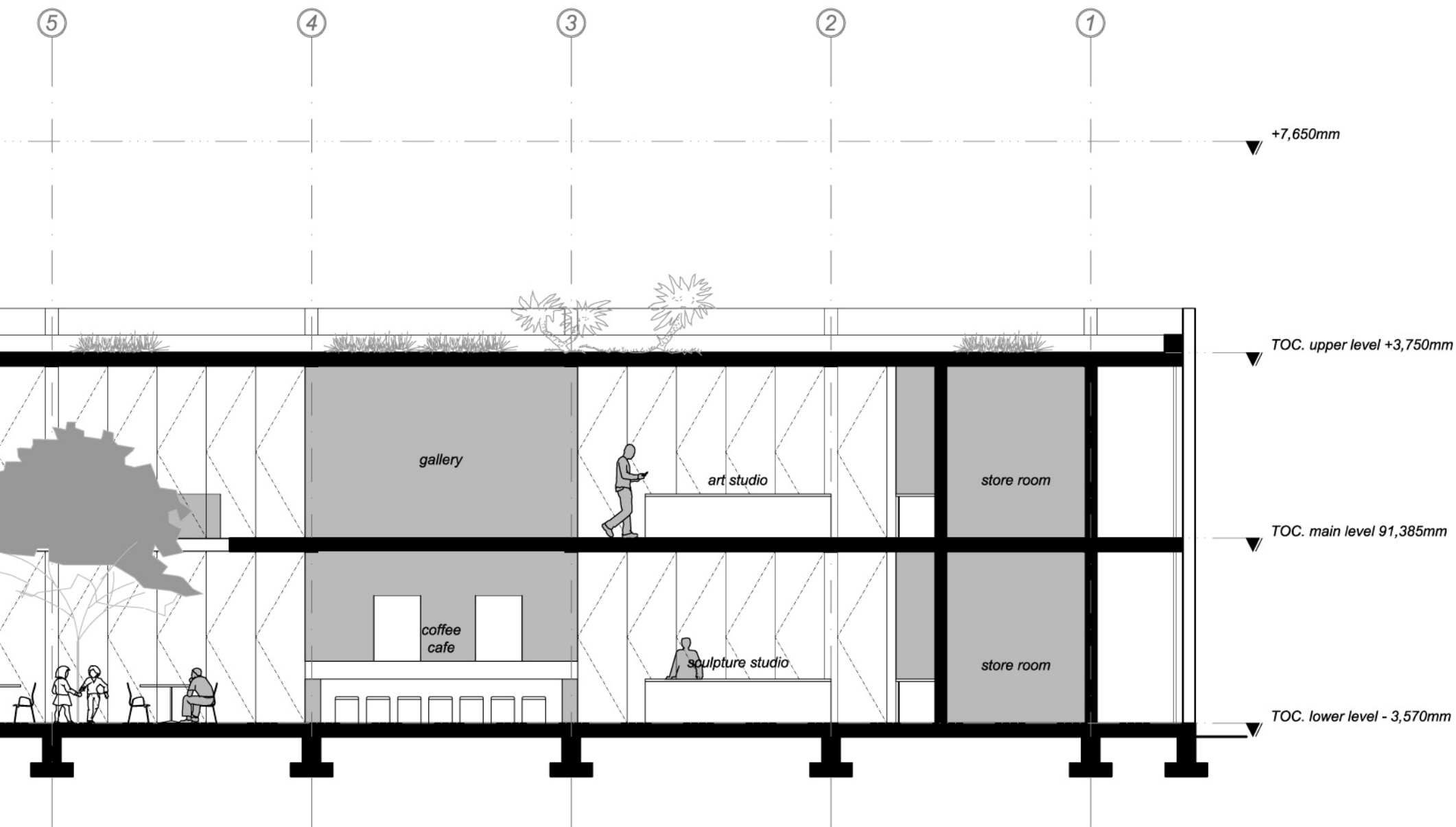


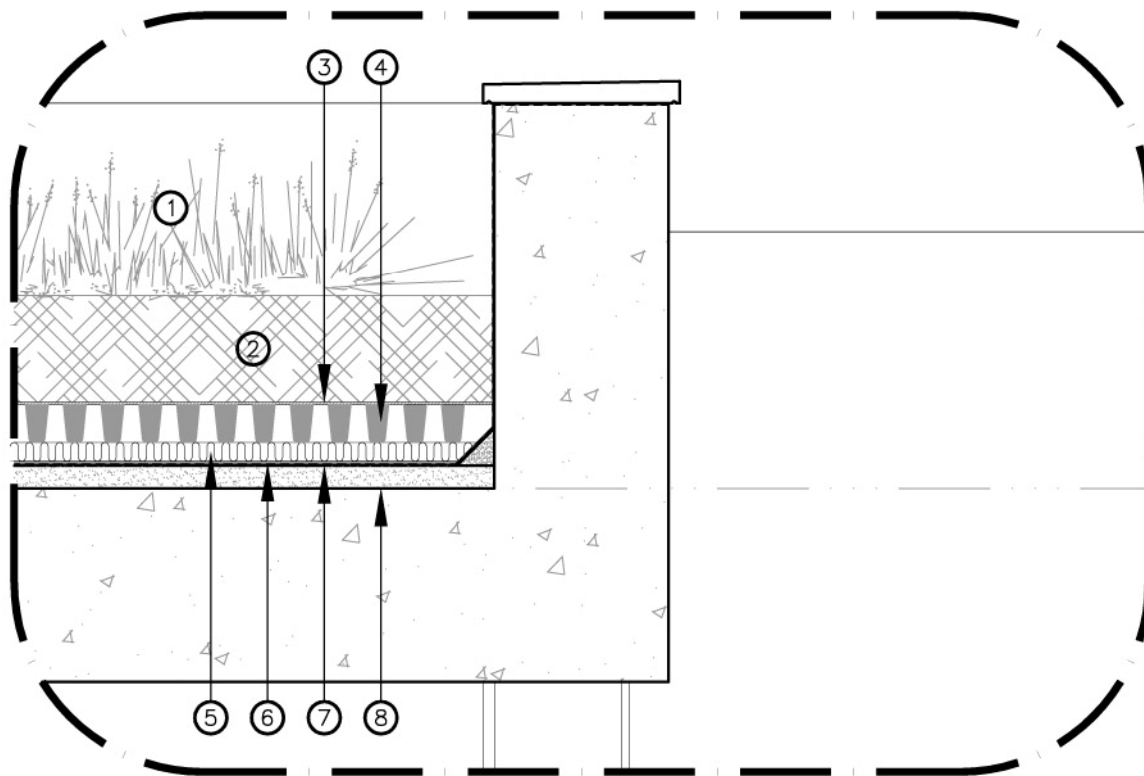
SECTION CC 1:100





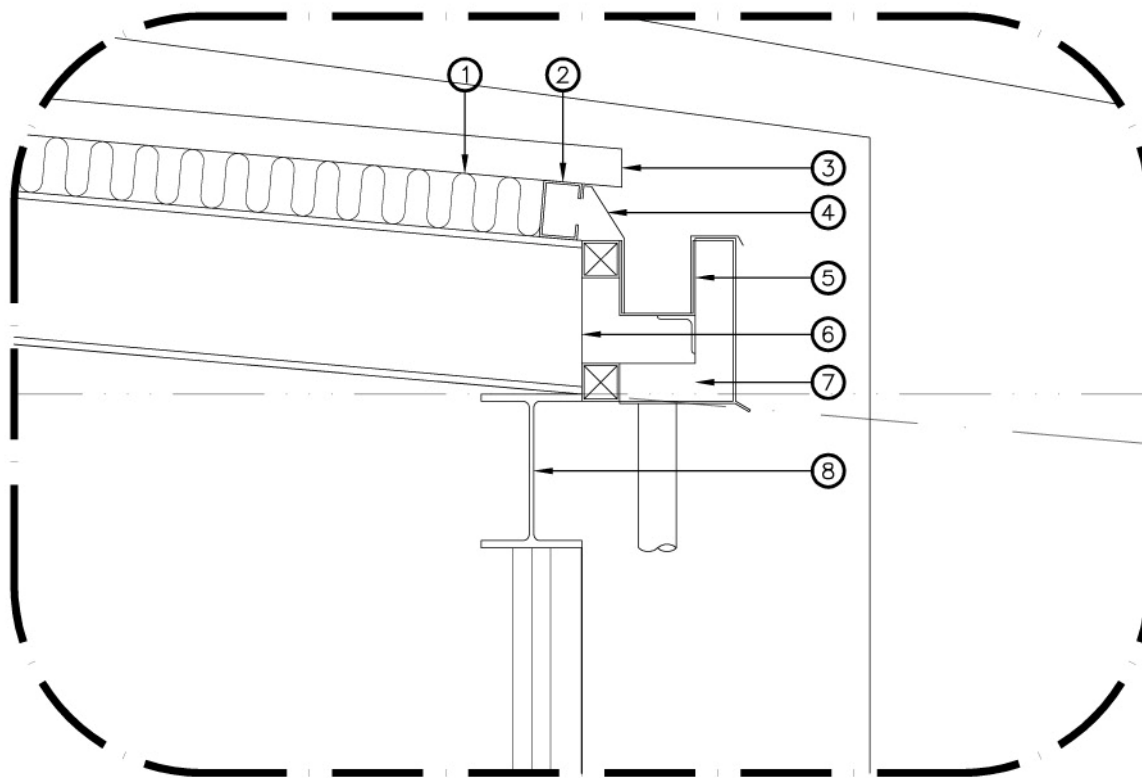
SECTION EE 1:100





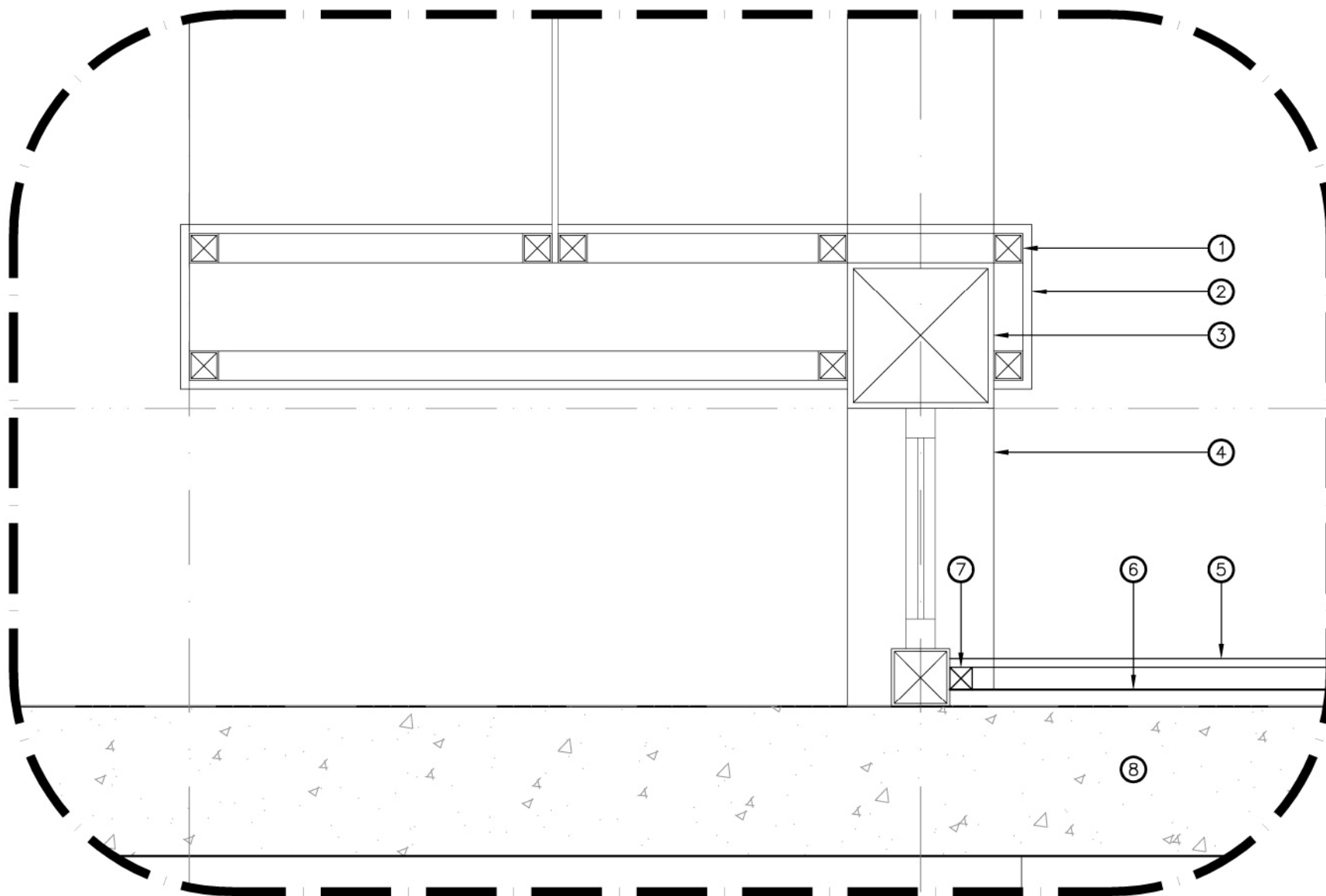
DETAIL 01 *scale 1:10*

1. VEGETATION
2. GROWING MEDIUM
3. ROOT BARRIER
4. DRAINAGE BOARD 25mm THICK
5. INSULATION
6. MEMBRANE PROTECTION AND ROOT BARRIER
7. WATERPROOFING MEMBRANE
8. SAND AND CEMENT SCREED LAID TO 1:50 FALLS AND MINIMUM THICKNESS OF 30mm



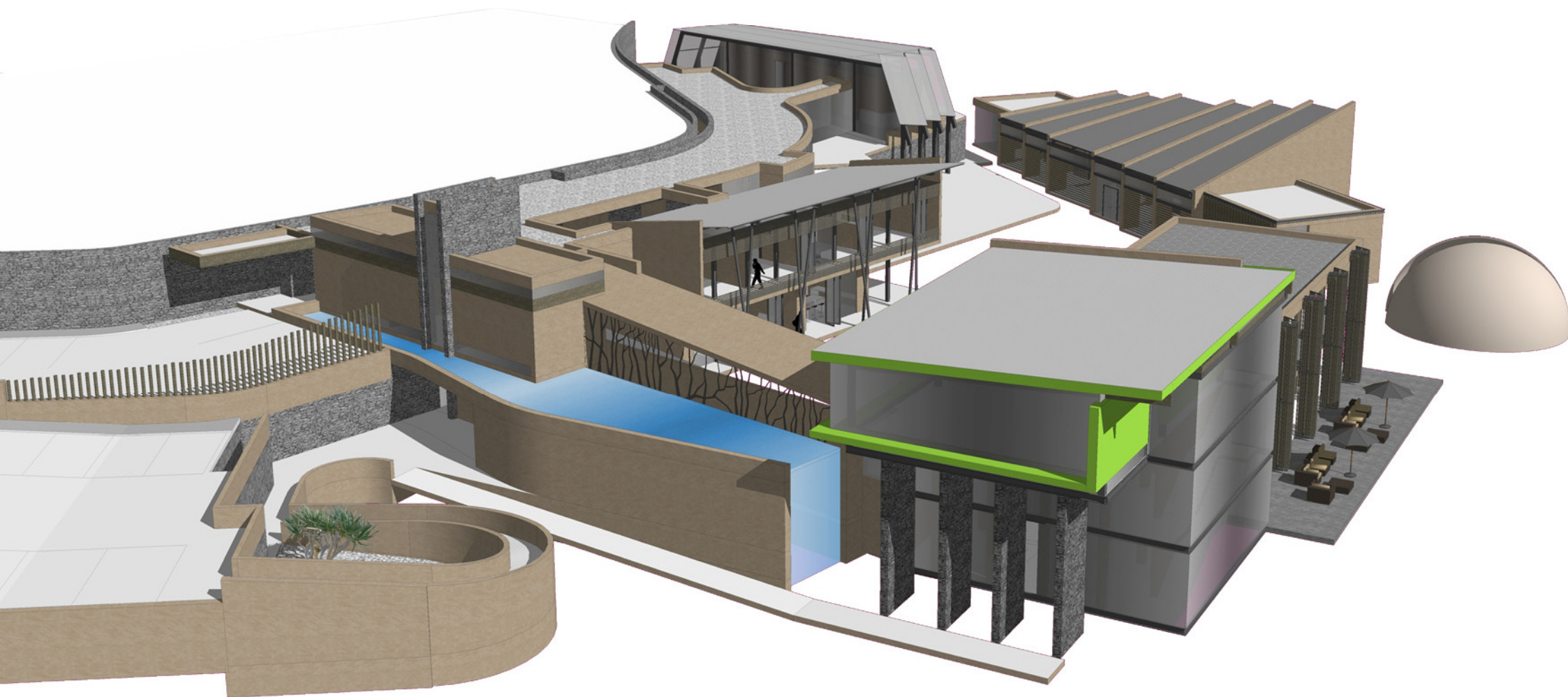
DETAIL 02 *scale 1:10*

1. 4mm THICK BUBBLEFOIL INSULATION
2. 75X50X3mm STEEL PURLIN
3. CLIPDECK POLYCARBONATE ROOF SHEETING
4. 1.0 mm GALVANISED FLASHING
5. 100X100mm PURPOSE MADE GUTTER
6. 203X133x30 STEEL I-SECTION (PARALLEL FLANGE)
7. 50X50mm BRACKET



DETAIL 03 *scale 1:10*

1. 50x50x3mm SQUARE HOLLOW SECTION
2. 15mm POLYCARBONATE SHEETING
3. 250X250X10mm SQUARE HOLLOW SECTION
4. 250X250X10mm SQUARE HOLLOW SECTION
5. 15mm wooden floor
6. 30mm cement screed
7. 50X50mm batten





THE NEST



ENTRANCE TO THE NEST



ENTRANCE 01

ENTRANCE 02

ENTRANCE 03



INNER COURTYARD

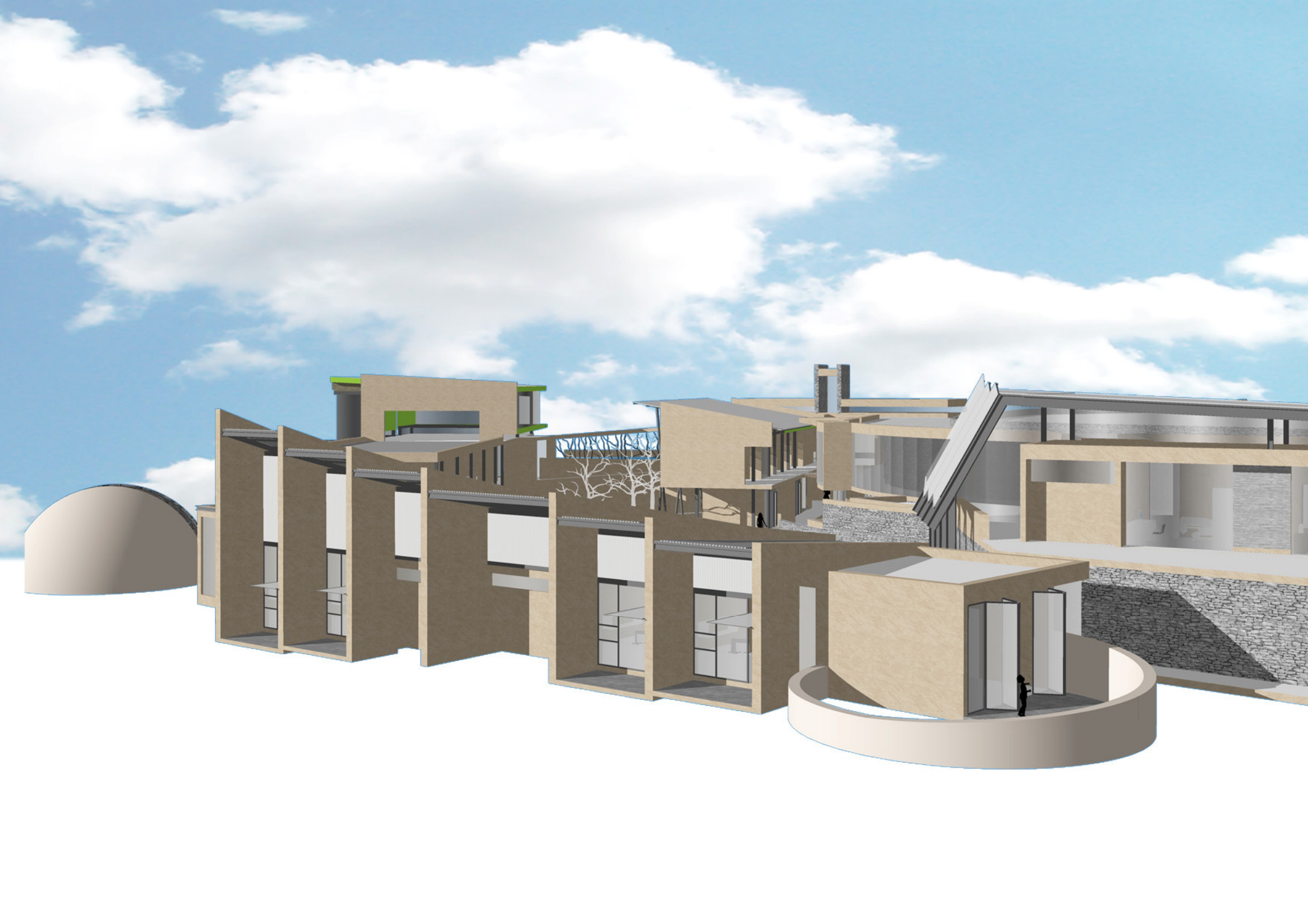


NORTH ELEVATION



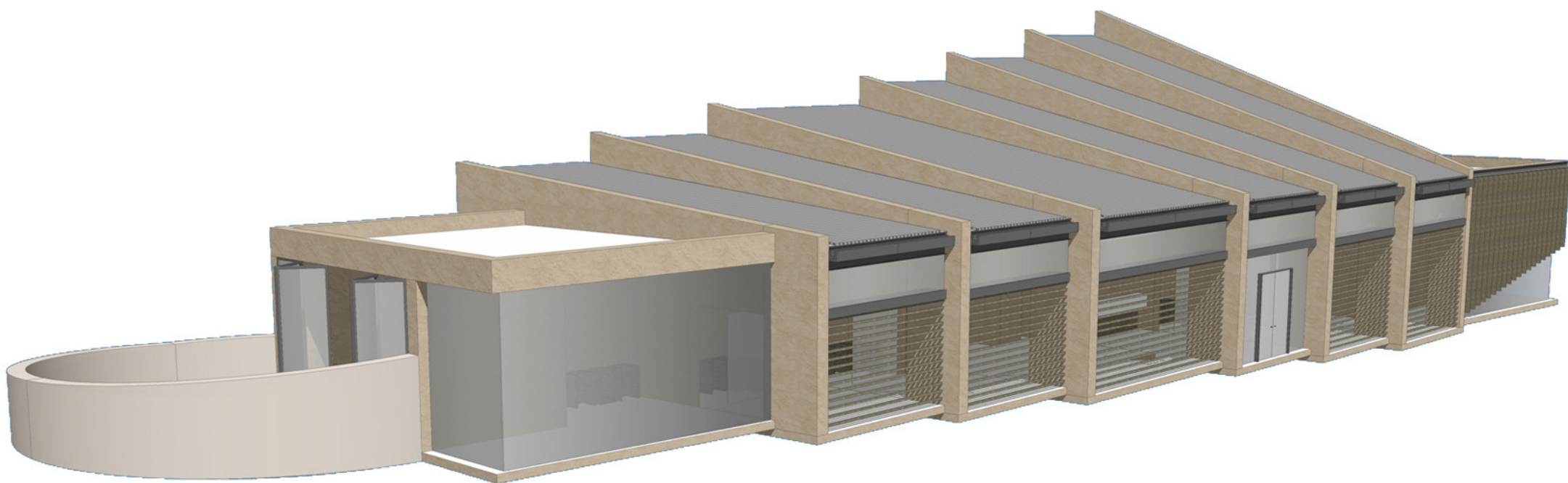
SECTIONAL PERSPECTIVE

THE COCOON





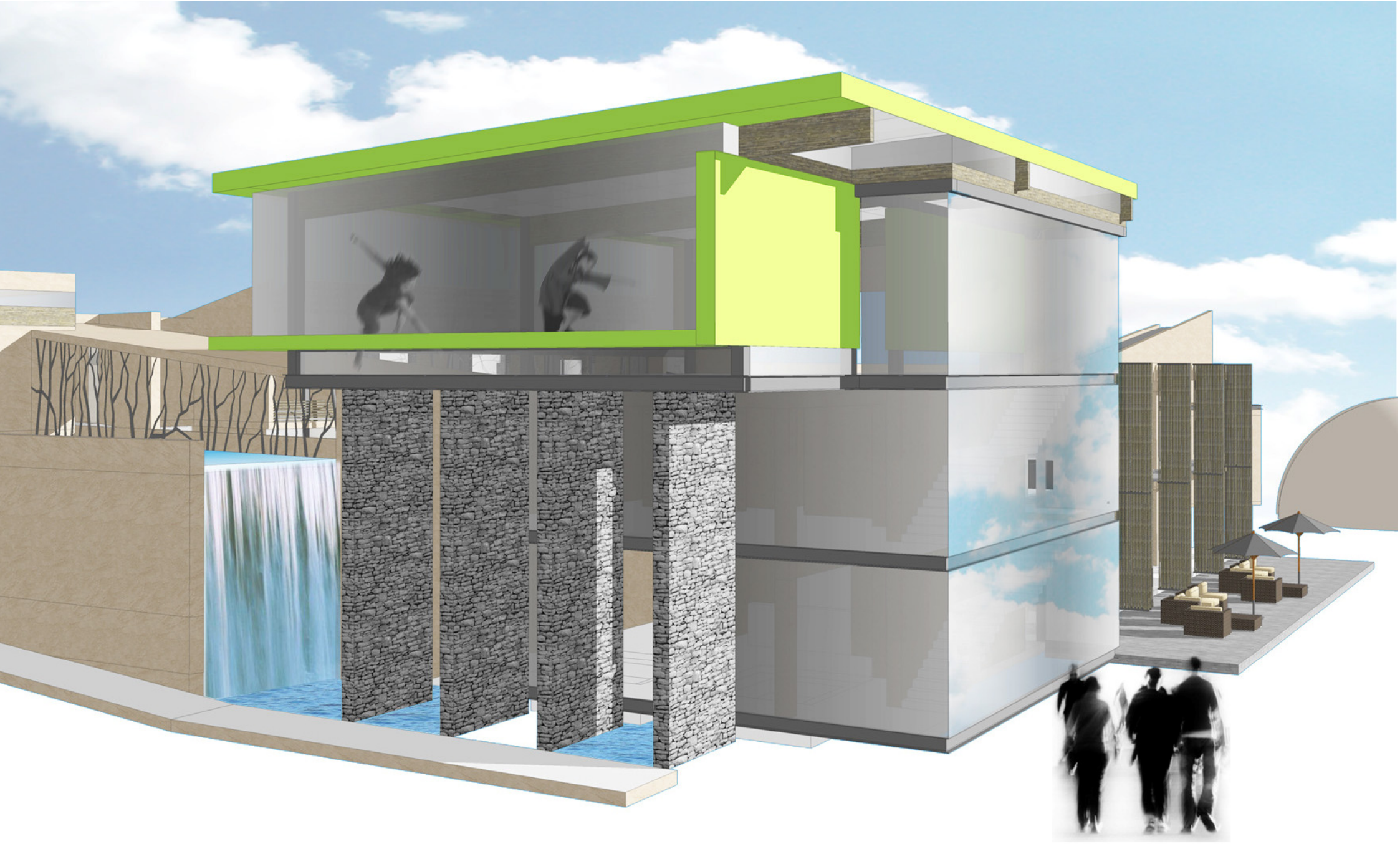
THE SEED



THE SEED



THE VINE



THE VINE