

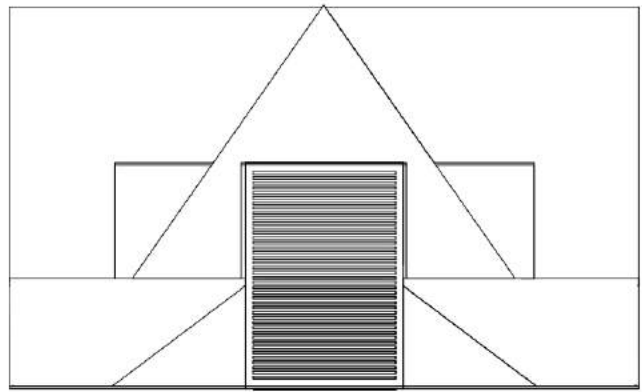
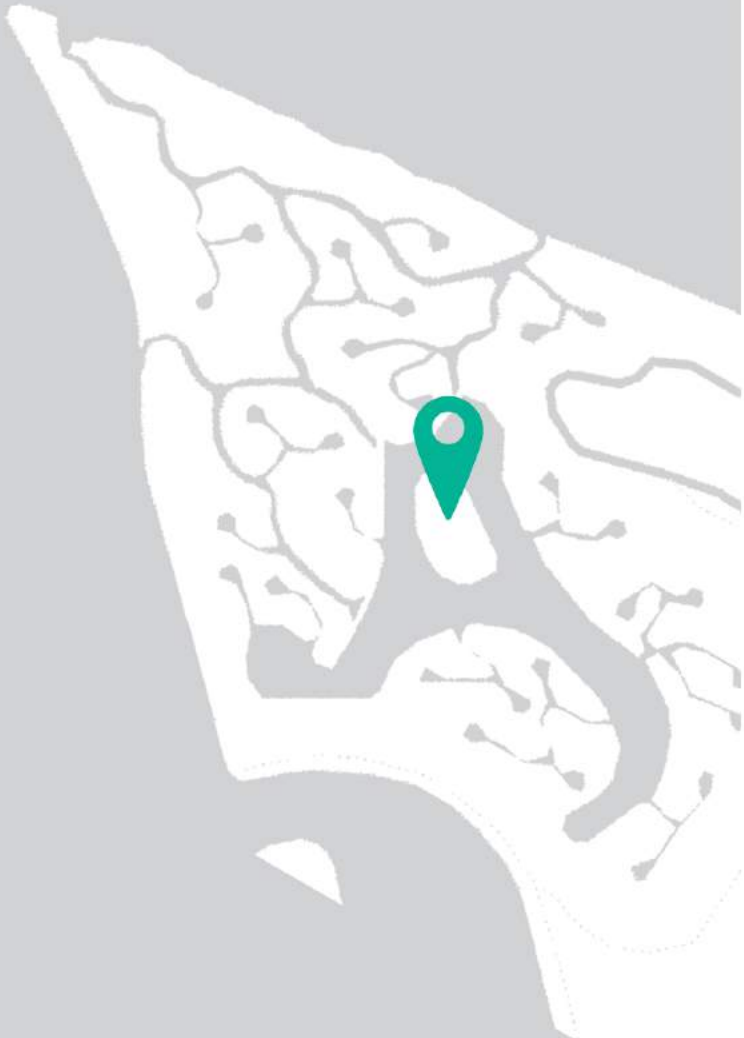
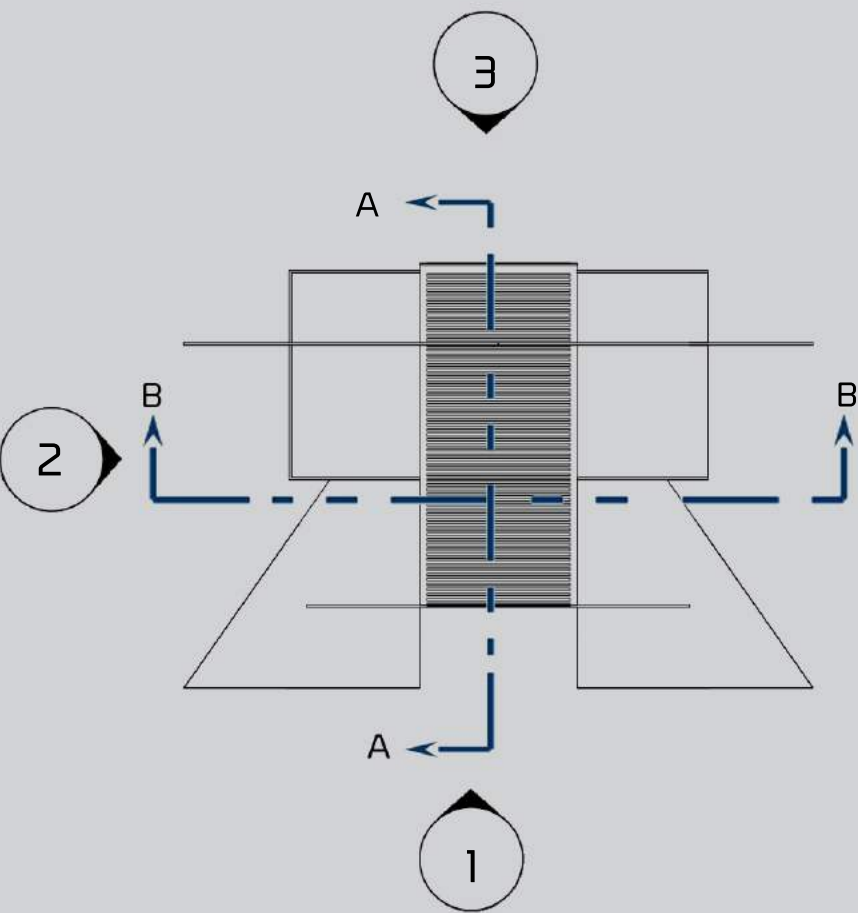


RESTORATION AND RESEARCH CENTER
A PROJECT BY JUSTIN DIEPPA

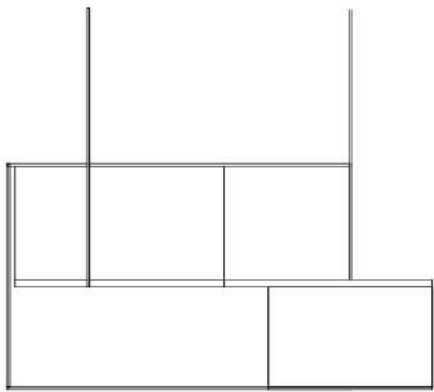
ABSTRACT MODEL

LOCATION:
KEY BISCAIYNE, FLORIDA

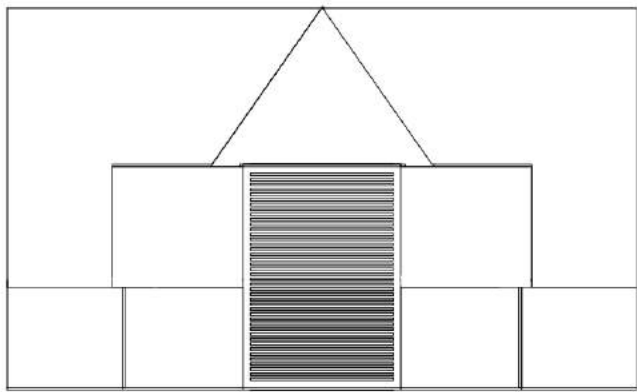
AERIAL PLAN VIEW:



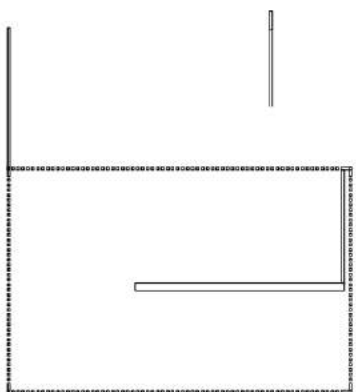
1 ELEVATION VIEW



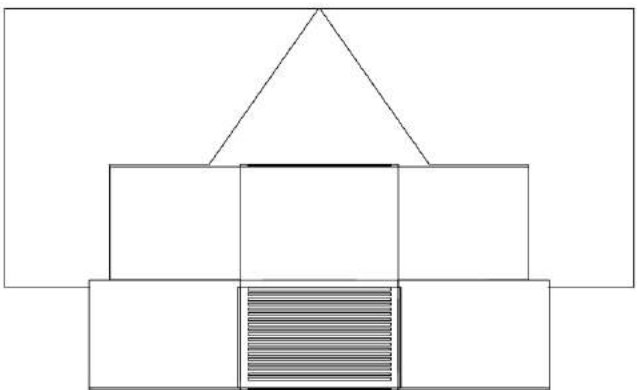
2 ELEVATION VIEW



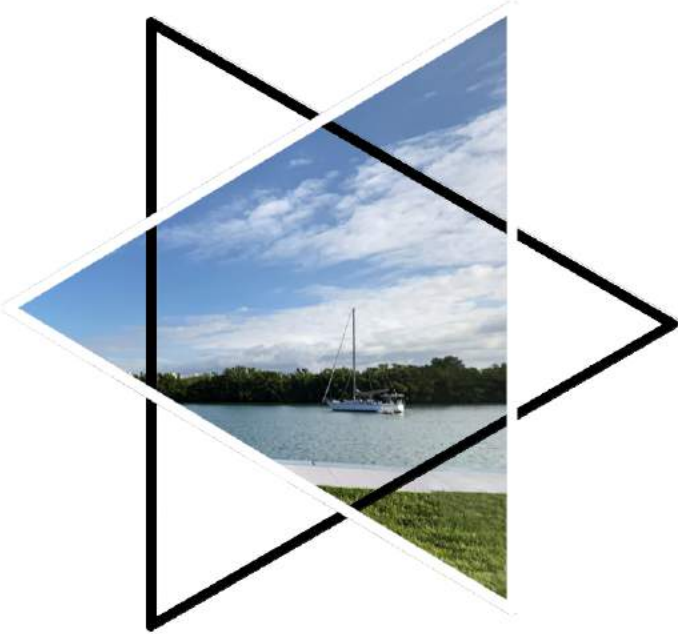
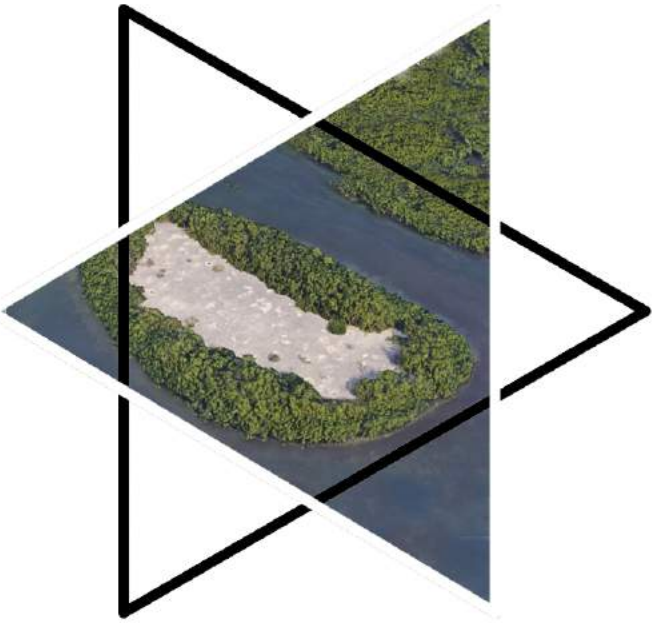
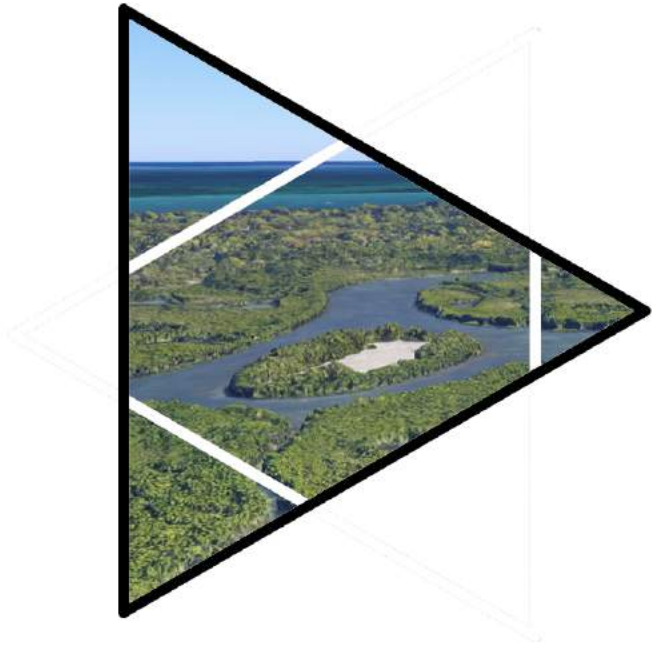
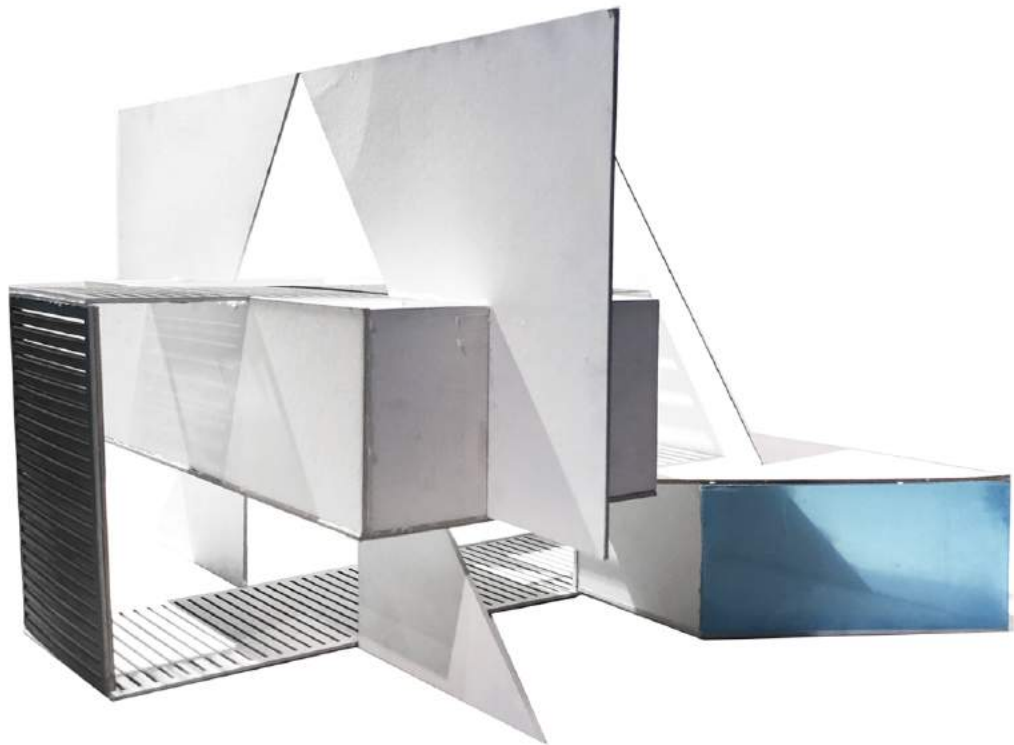
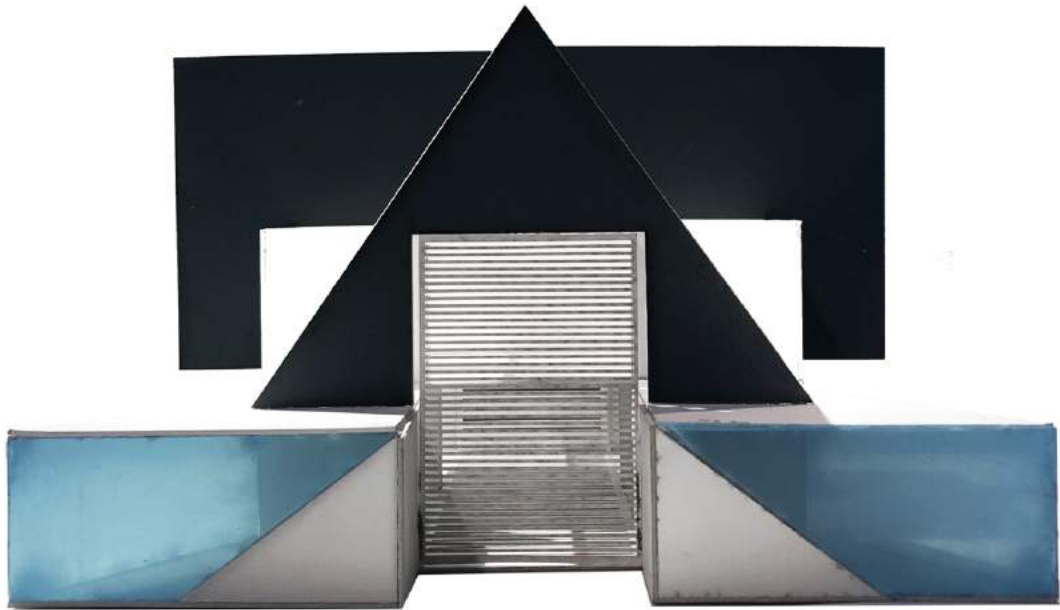
3 ELEVATION VIEW



A SECTION VIEW



B SECTION VIEW



ACTIVITY 1

DESCRIPTION:

SCRUTINIZATION OF NATURE THROUGH TRIAL AND ERROR

USERS:

DATA GATHERING NATURALISTS



DESIGN

SUPPORT AND PROTECTION
PRIVACY AND PERSONAL SPACE
CULTURE/SOCIAL RELATIONSHIPS

FACTORS

ENVIRONMENTAL PSYCHOLOGY

- ▲ SPATIAL COGNITION AND LEGIBILITY
 - HIERARCHY
- ▲ ENVIRONMENTAL ATTENTION
 - EXPLORATION
 - INVOLVEMENT
 - NATURE
- ▲ TERRITORIALITY
 - INTERACTIONAL
 - PUBLIC / PRIVATE

QUALITATIVE DESIGN FACTORS

- ▲ COMFORT AND STRENGTH
 - DESIGN ELEMENTS THAT PROVIDE BALANCE AND THE CORRECT DEGREE OF OPENNESS AND ENCLOSURE
- ▲ THE MEANS OF CREATING TRUST
 - EACH INDIVIDUAL MUST FEEL VALUABLE, IMPORTANT, AND IN A POSITION TO CONTRIBUTE IN MEANINGFUL WAYS

ACTIVITY 2

DESCRIPTION:

INTROSPECTION OF EXISTENCE THROUGH HOLLISTIC APPROACHES

USERS:

WANDERLUST NATURE LOVERS SEEKING ALTERNATE DIMENSIONS



DESIGN

EXPRESSION & SYMBOLISM
SUPPORT AND PROTECTION
PRIVACY & PERSONAL SPACE
TERRITORY

FACTORS

- ▲ SPATIAL COGNITION AND LEGIBILITY
 - LANDMARK AND FOCUS
 - DEPTH
 - HIERARCHY
- ▲ PROPERTIES OF INTERIOR ARCHITECTURE
 - SYMBOLISM
- ▲ ENVIRONMENTAL ATTENTION
 - RESTORATION
 - EXPLORATION
 - PERSONAL SPACE

- ▲ MEANS OF CREATING TRUST
 - EACH INDIVIDUAL MUST FEEL VALUABLE, IMPORTANT, AND IN A POSITION TO CONTRIBUTE IN MEANINGFUL WAYS.
- ▲ COMFORT AND STRENGTH
 - THE PHYSIOLOGICAL ELEMENTS OF TEMPERATURE, HUMIDITY, LIGHT, SOUND, SMELL, AS WELL AS THE INTANGIBLE PSYCHOLOGICAL FACTORS.
- ▲ THE SHAPE OF EXPERIENCE
 - TO BE ABLE TO FEEL THE TOTALITY OF ALL COGNITIONS, ALL THAT IS PERCEIVED, UNDERSTOOD AND REMEMBERED

ACTIVITY 3

DESCRIPTION:

DRIFTING BECAUSE OF BOUYANCY

USERS:

EXPLORERS OF UNKNOWN TERRITORY



DESIGN

SUPPORT AND PROTECTION
PRIVACY & PERSONAL SPACE
TERRITORY

FACTORS

- ▲ SPATIAL COGNITION AND LEGIBILITY
 - LANDMARK AND FOCUS
- ▲ ENVIRONMENTAL ATTENTION
 - RESTORATION
 - EXPLORATION
 - PERSONAL SPACE

- ▲ MEANS OF CREATING TRUST
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- ▲ THE SHAPE OF EXPERIENCE
 - TO BE ABLE TO FEEL THE TOTALITY OF ALL COGNITIONS, ALL THAT IS PERCEIVED, UNDERSTOOD AND REMEMBERED

ACTIVITY 4

DESCRIPTION:

THERAPEUTIC RELAXATION

USERS:

DE-STRESS SEEKERS



DESIGN

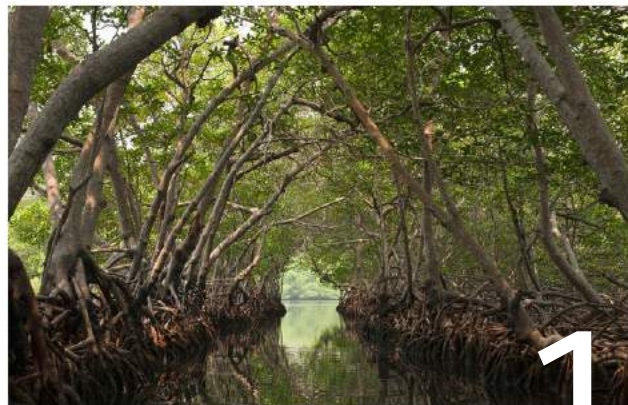
EXPRESSION & SYMBOLISM
SUPPORT AND PROTECTION
PRIVACY & PERSONAL SPACE

FACTORS

- ▲ SPATIAL COGNITION AND LEGIBILITY
 - LANDMARK / FOCUS
- ▲ PROPERTIES OF INTERIOR ARCHITECTURE
 - COHERENCE
- ▲ ENVIRONMENTAL ATTENTION
 - RESTORATION
 - PERSONAL SPACE
 - ENCLOSURE
- ▲ TERRITORIALITY
 - PRIMARY
 - PERSONAL SPACE
 - ENCLOSURE

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- ▲ THE SHAPE OF EXPERIENCE
 - TO BE ABLE TO FEEL THE TOTALITY OF ALL COGNITIONS, ALL THAT IS PERCEIVED, UNDERSTOOD AND REMEMBERED
- ▲ ELEVATION THROUGH DESIGN
 - USE OF PATTERN, TEXTURE, COLOR, SCALE, AND CHANGE IN SIZE TO CREATE SENSORY STIMULATION





1



2

SITE PLAN VIEW



3



4

AERIAL VIEW NORTHEAST



5

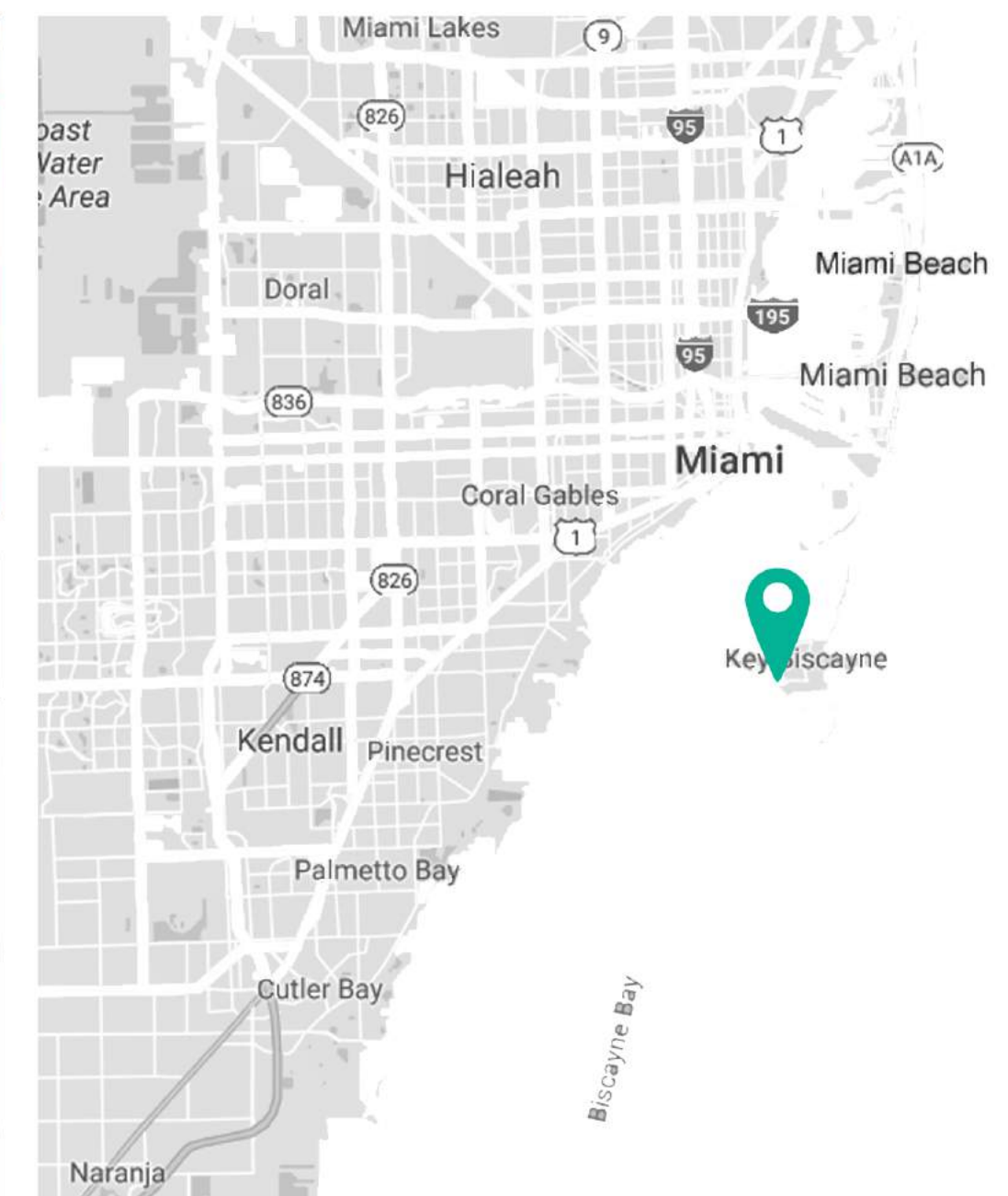
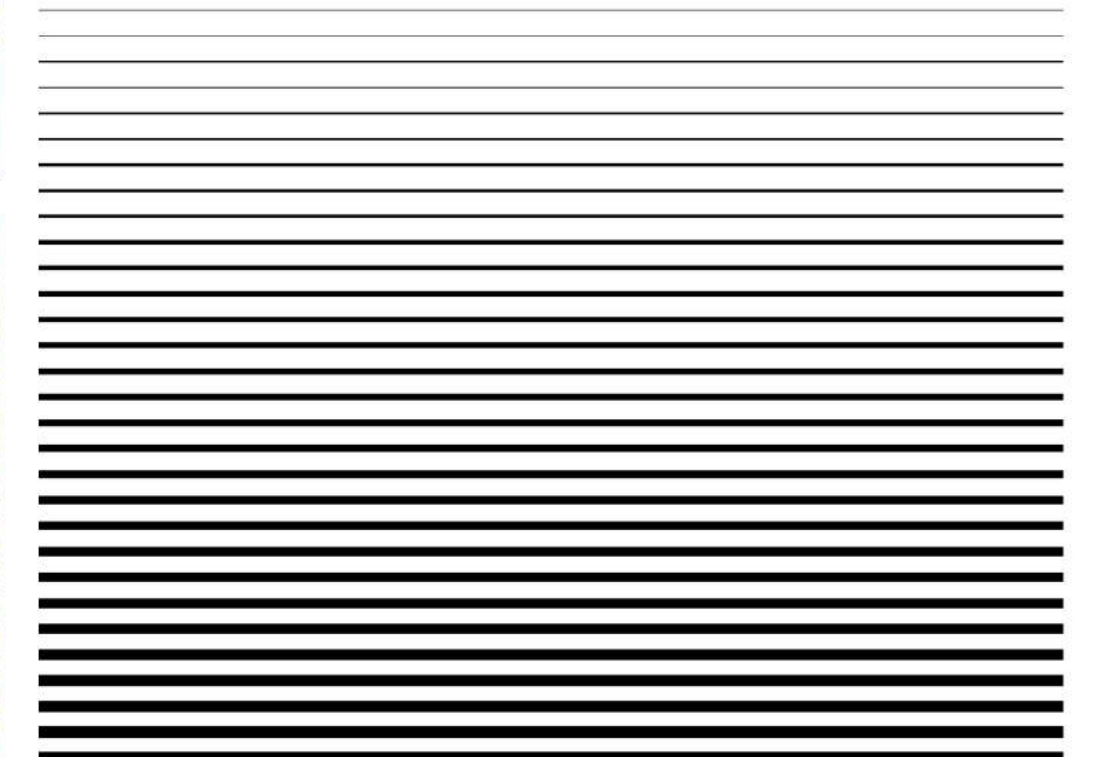


6

AERIAL VIEW SOUTHEAST



LOCATION



1. THE MANGROVES

A place of refuge for wildlife, these trees anchor down without soil and protect the mainland from erosion. These trees are the center of a complex and beautiful ecosystem full of fish, birds, manatees, and other different species of animals.

2. OCEAN ACCESS

Channels between the mangroves path the way to the open ocean. Activities may include fishing, kayaking, paddleboarding, and scenic opportunities.

3. RESIDENTIAL PROPERTIES

These multi-million dollar properties give a glimpse of the life of the rich and famous. Visible from the site once above approximately 15FT.

4. HIGH RISE CONDIMINIUMS

These high rise towers include 17 plus stories of condos. Mostly occupied by snowbirds, these towers are visible towards the Northeast of the peninsula shaped State Park.

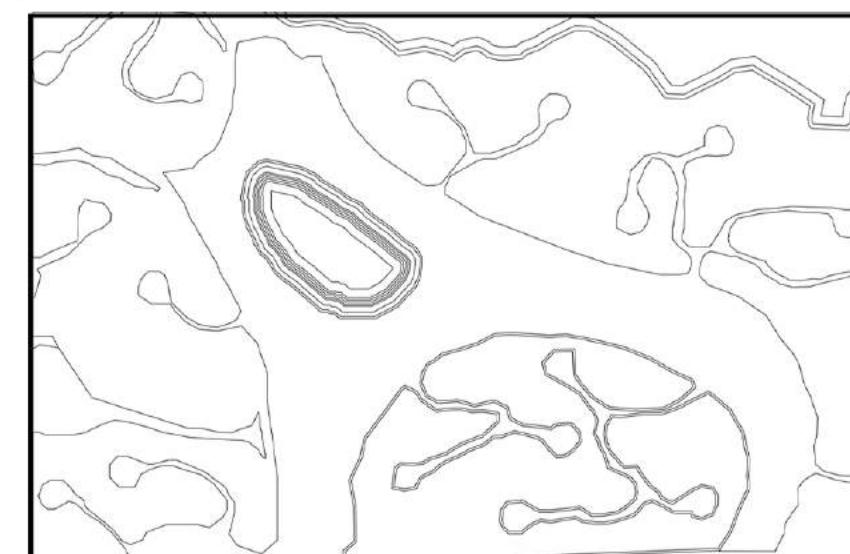
5. CAPE FLORIDA LIGHTHOUSE

Constructed in 1825, this lighthouse has stood and guided sailors through almost two centuries. A common tourist attraction, the lighthouse stands at 95 feet tall.

6. STILTSVILLE

Considered floating shacks by people in the late 20's, these set of dwellings first appeared at the turn of the decade as a result of gambling being illegal. The first shack was originally a bait and restaurant and slowly attracted the wealthy. Stiltsville grew to a popular social gathering place with multiple houses built on stilts. Gambling was legal one mile off shore.

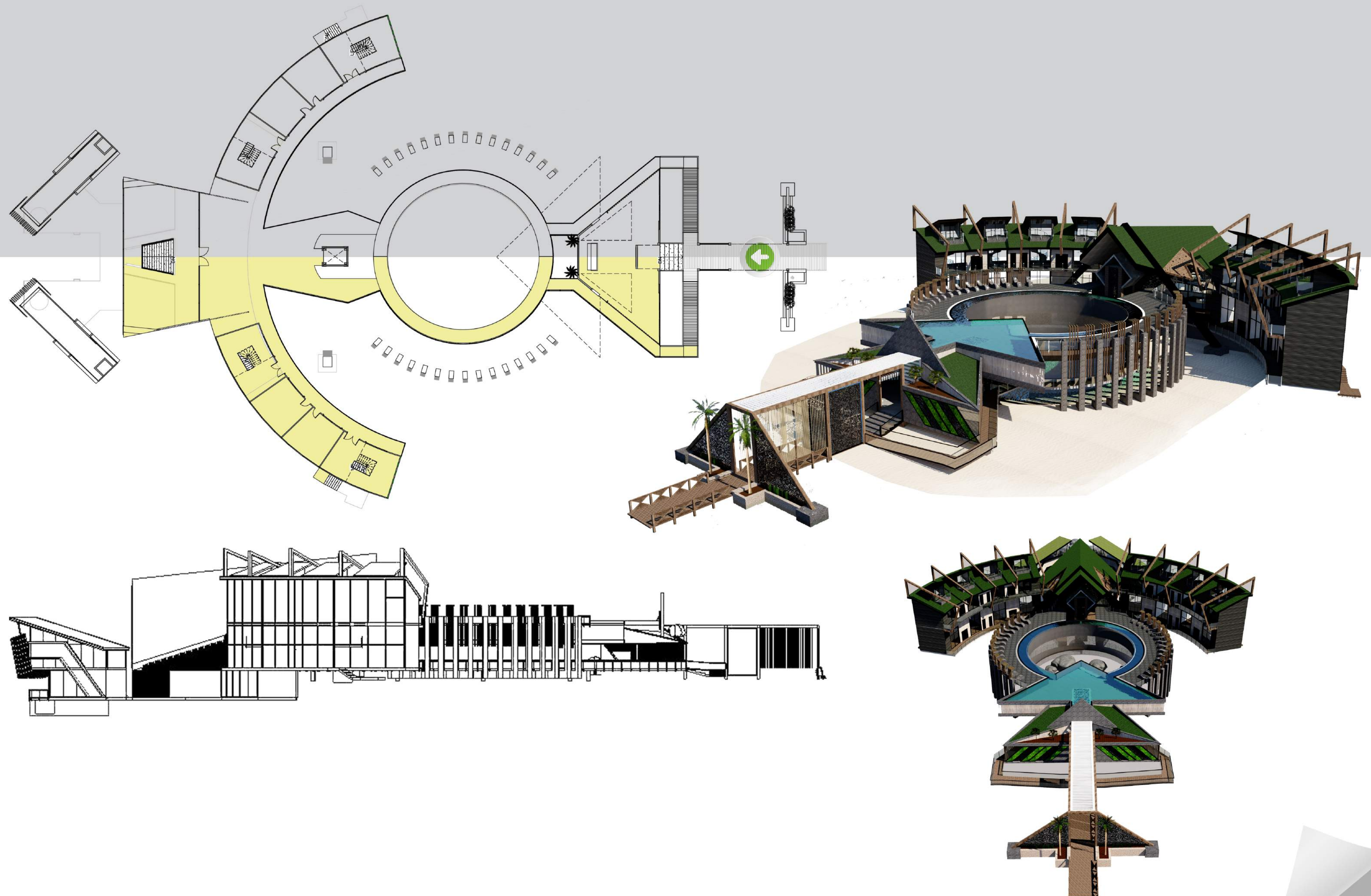
TOPOGRAPHY



100 FEET



MAIN LEVEL



MAIN LEVEL

INTROSPECTION OF EXISTENCE

DESIGN

EXPRESSION & SYMBOLISM
SUPPORT AND PROTECTION
PRIVACY & PERSONAL SPACE
TERRITORY

FACTORS

ENVIRONMENTAL PSYCHOLOGY

▲ SPATIAL COGNITION AND LEGIBILITY

- LANDMARK AND FOCUS
- DEPTH
- HIERARCHY

▲ PROPERTIES OF INTERIOR ARCHITECTURE

- SYMBOLISM

▲ ENVIRONMENTAL ATTENTION

- RESTORATION
- EXPLORATION
- PERSONAL SPACE

QUALITATIVE DESIGN FACTORS

▲ MEANS OF CREATING TRUST

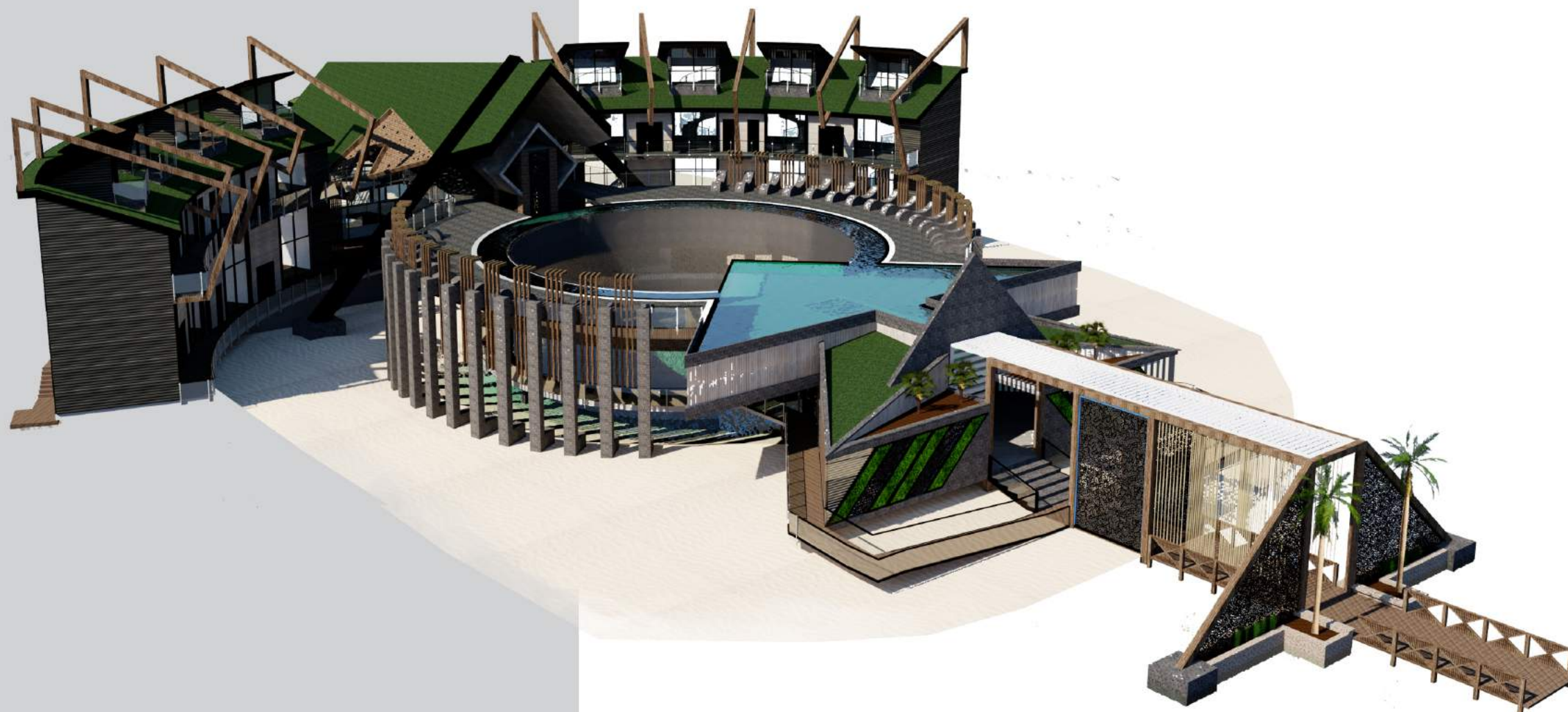
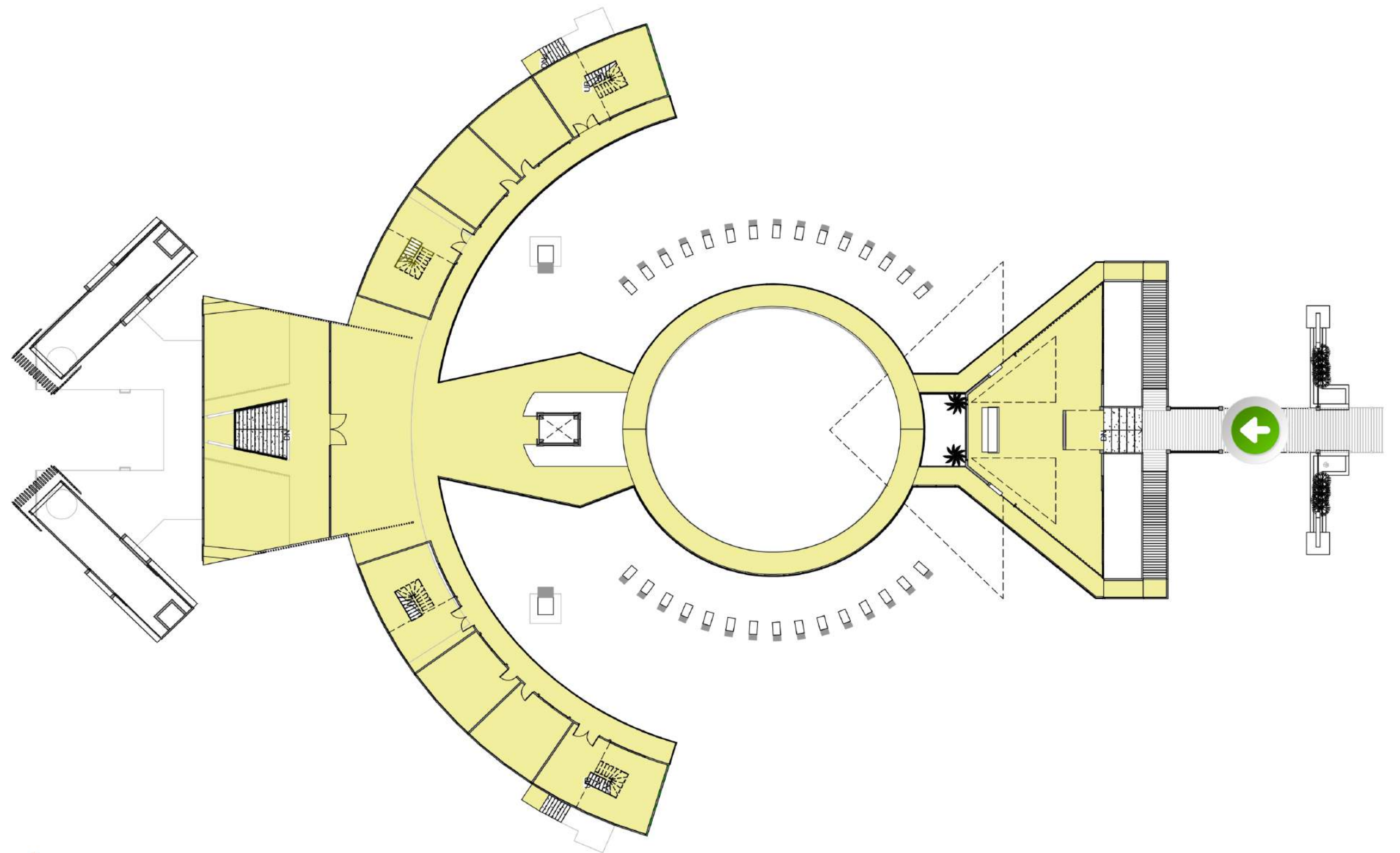
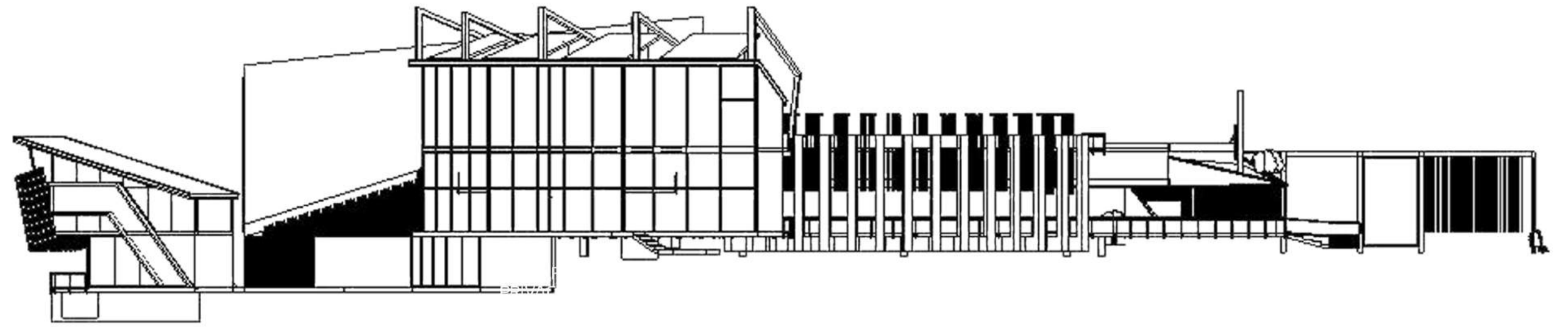
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▲ COMFORT AND STRENGTH

- THE PHYSIOLOGICAL ELEMENTS OF TEMPERATURE, HUMIDITY, LIGHT, SOUND, SMELL, AS WELL AS THE INTANGIBLE PSYCHOLOGICAL FACTORS.

▲ THE SHAPE OF EXPERIENCE

- TO BE ABLE TO FEEL THE TOTALITY OF ALL COGNITIONS: ALL THAT IS PERCEIVED, UNDERSTOOD AND REMEMBERED



MAIN LEVEL

INTROSPECTION OF EXISTENCE

DESIGN

EXPRESSION & SYMBOLISM
SUPPORT AND PROTECTION
PRIVACY & PERSONAL SPACE
TERRITORY

FACTORS

▲ SPATIAL COGNITION AND LEGIBILITY

- LANDMARK AND FOCUS
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- SYMBOLISM

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- RESTORATION
- EXPLORATION
- PERSONAL SPACE

▲ MEANS OF CREATING TRUST

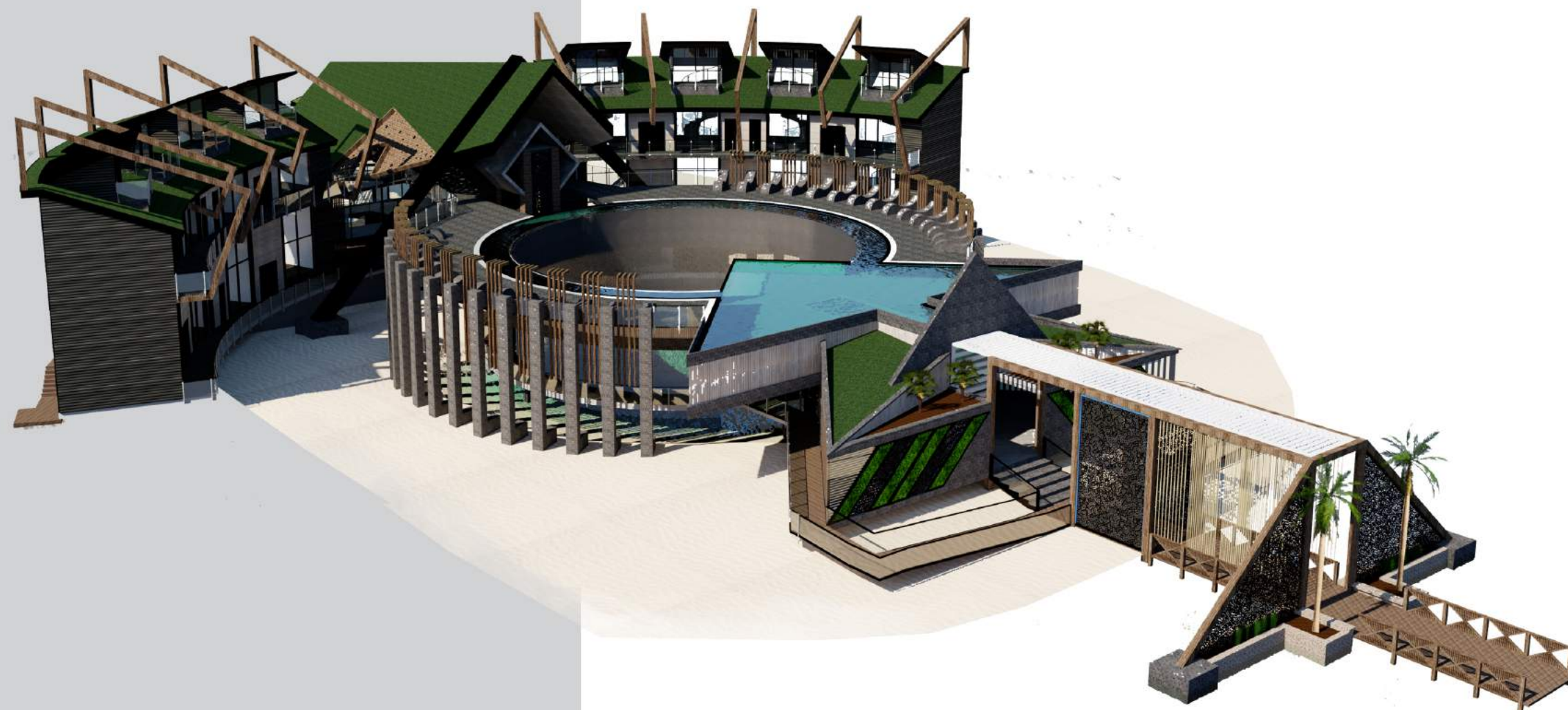
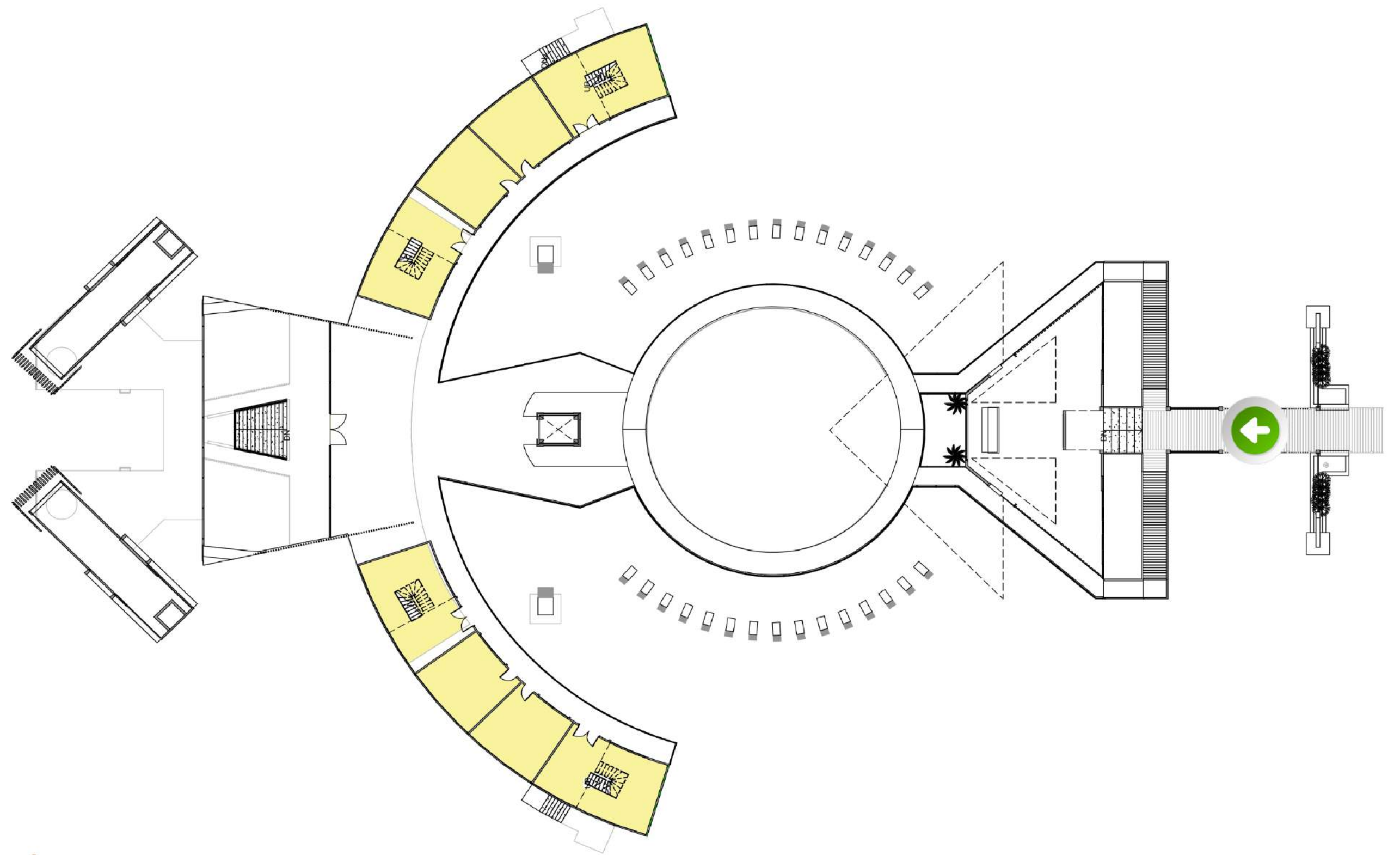
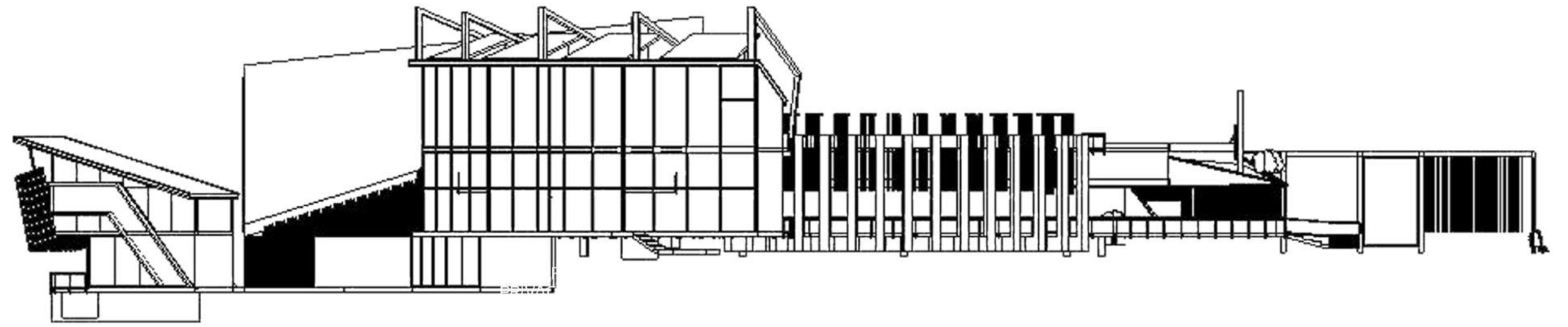
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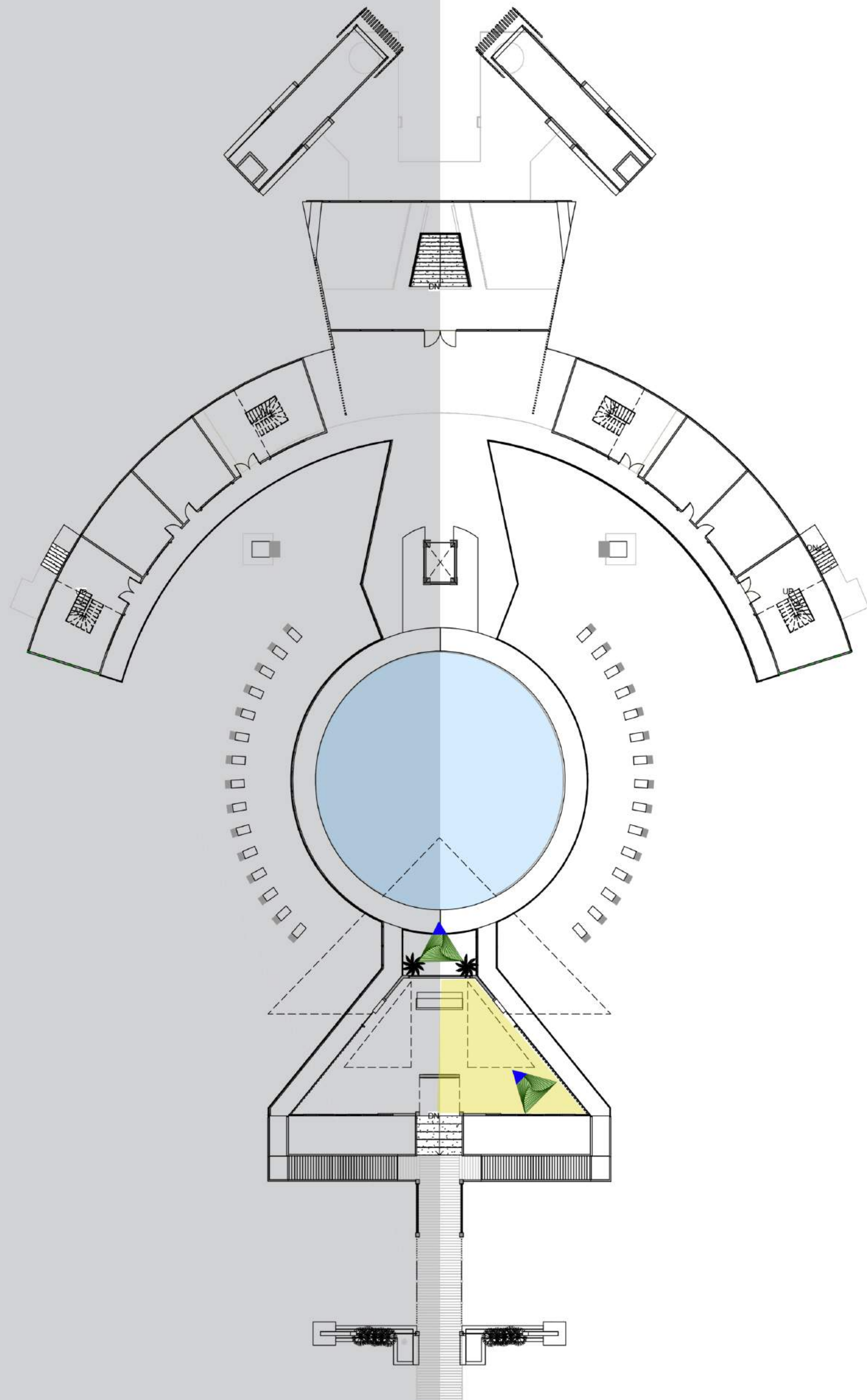
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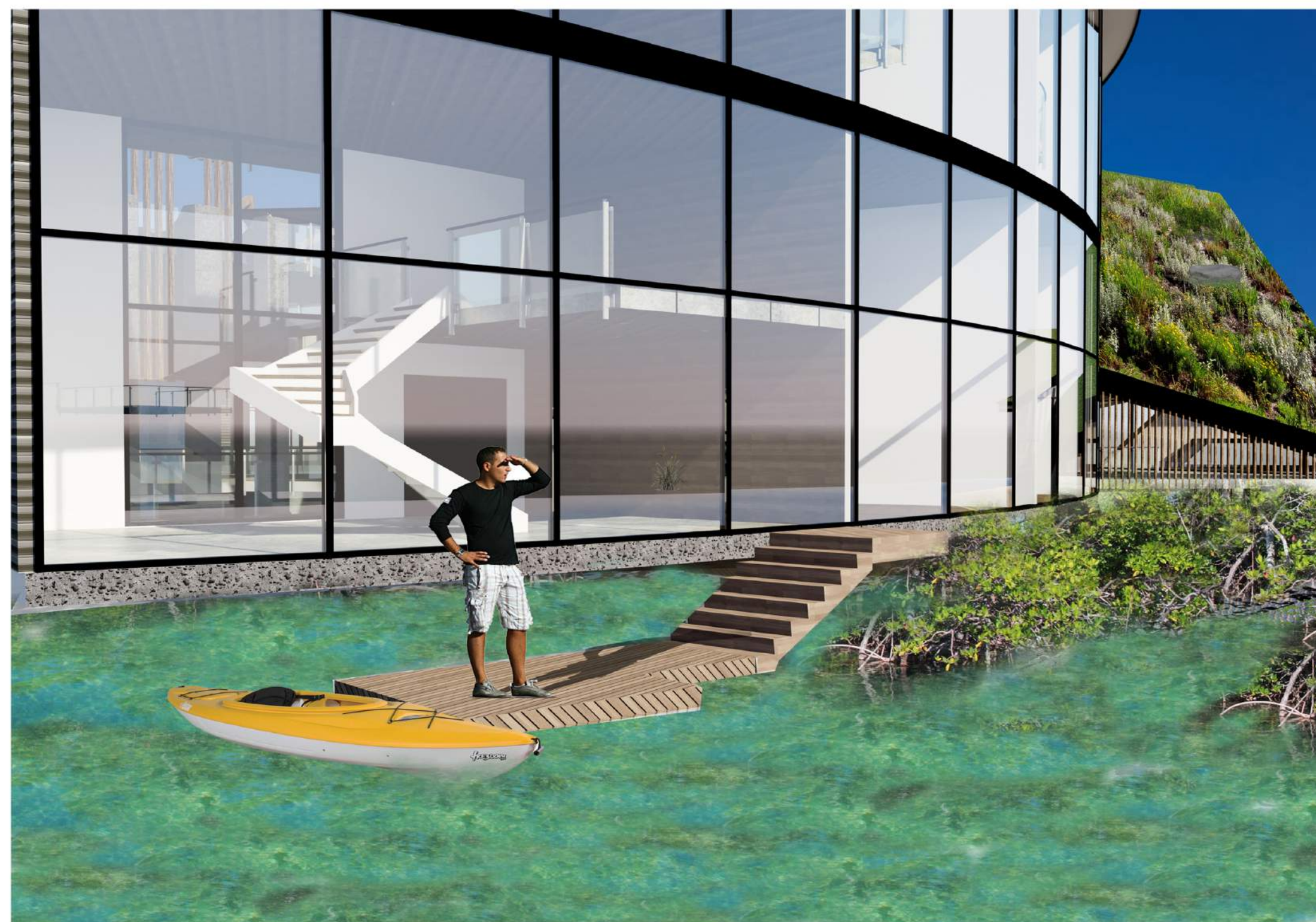
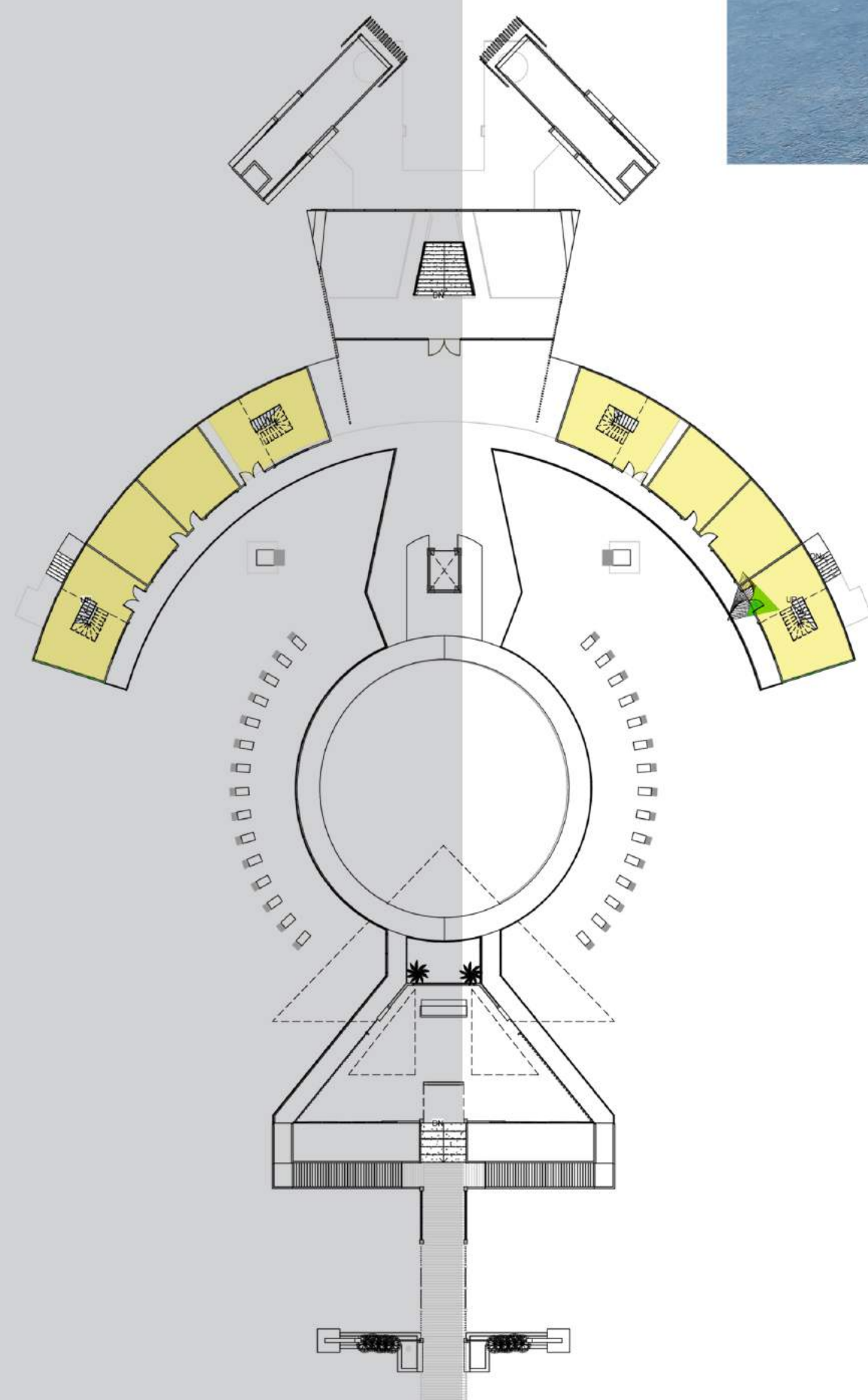
MAIN LEVEL

TRANSITIONAL SPACES



MAIN LEVEL

THERAPEUTIC RELAXATION



MAIN LEVEL

THERAPEUTIC RELAXATION

EXPRESSION AND SYMBOLISM
SUPPORT AND PROTECTION
PRIVACY AND PERSONAL
SPACE

ENVIRONMENTAL PSYCHOLOGY

▲ SPATIAL COGNITION AND LEGIBILITY

- LANDMARK / FOCUS

▲ PROPERTIES OF INTERIOR ARCHITECTURE

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QUALITATIVE DESIGN FACTORS

MEANS OF CREATING TRUST

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COMFORT AND STRENGTH

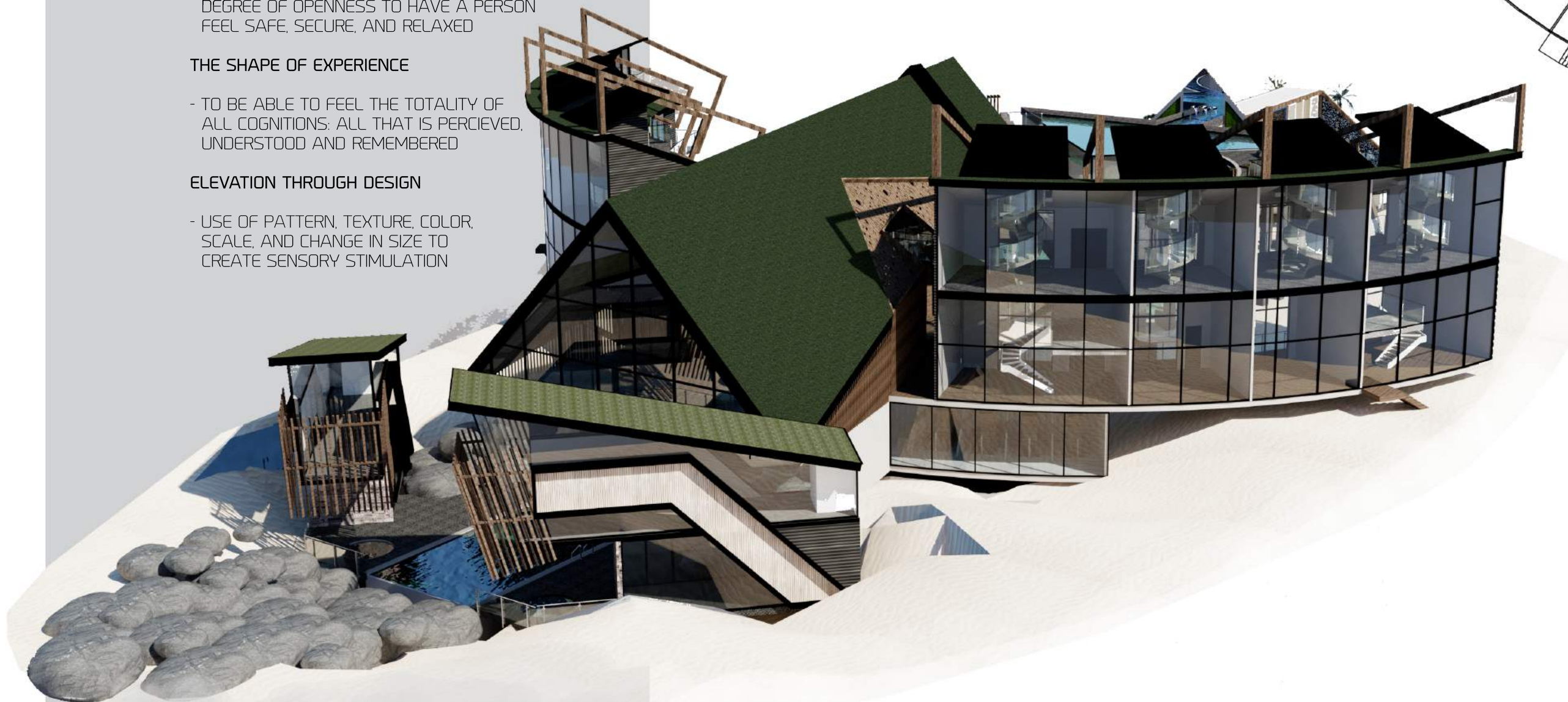
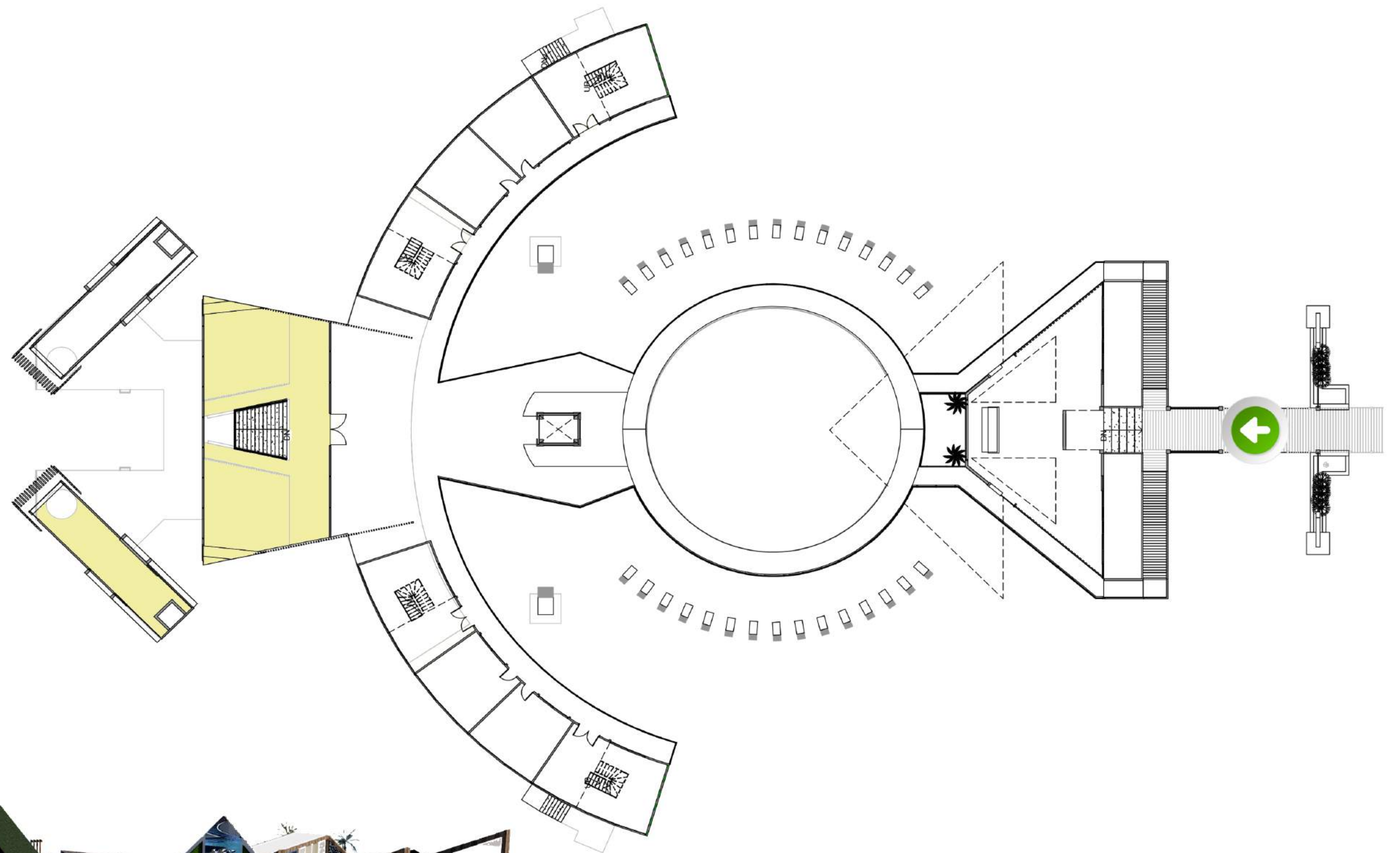
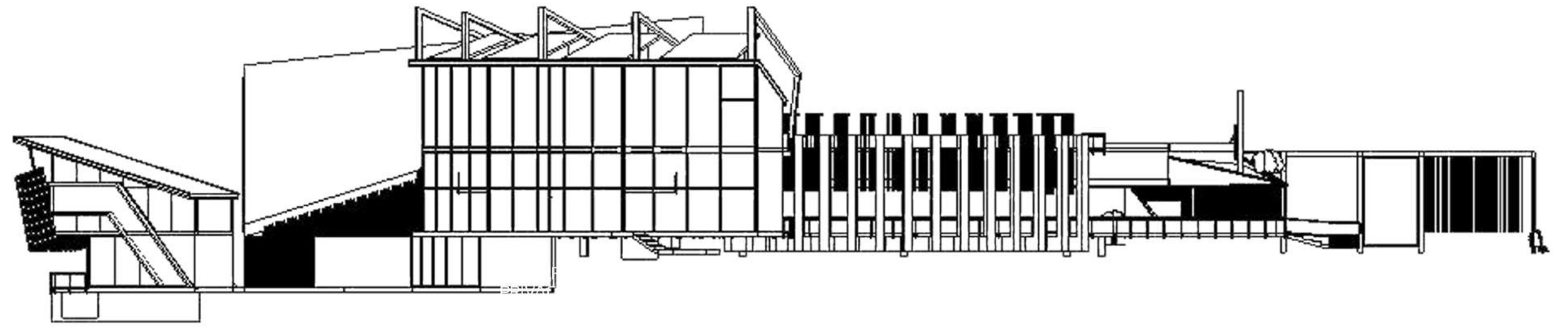
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THE SHAPE OF EXPERIENCE

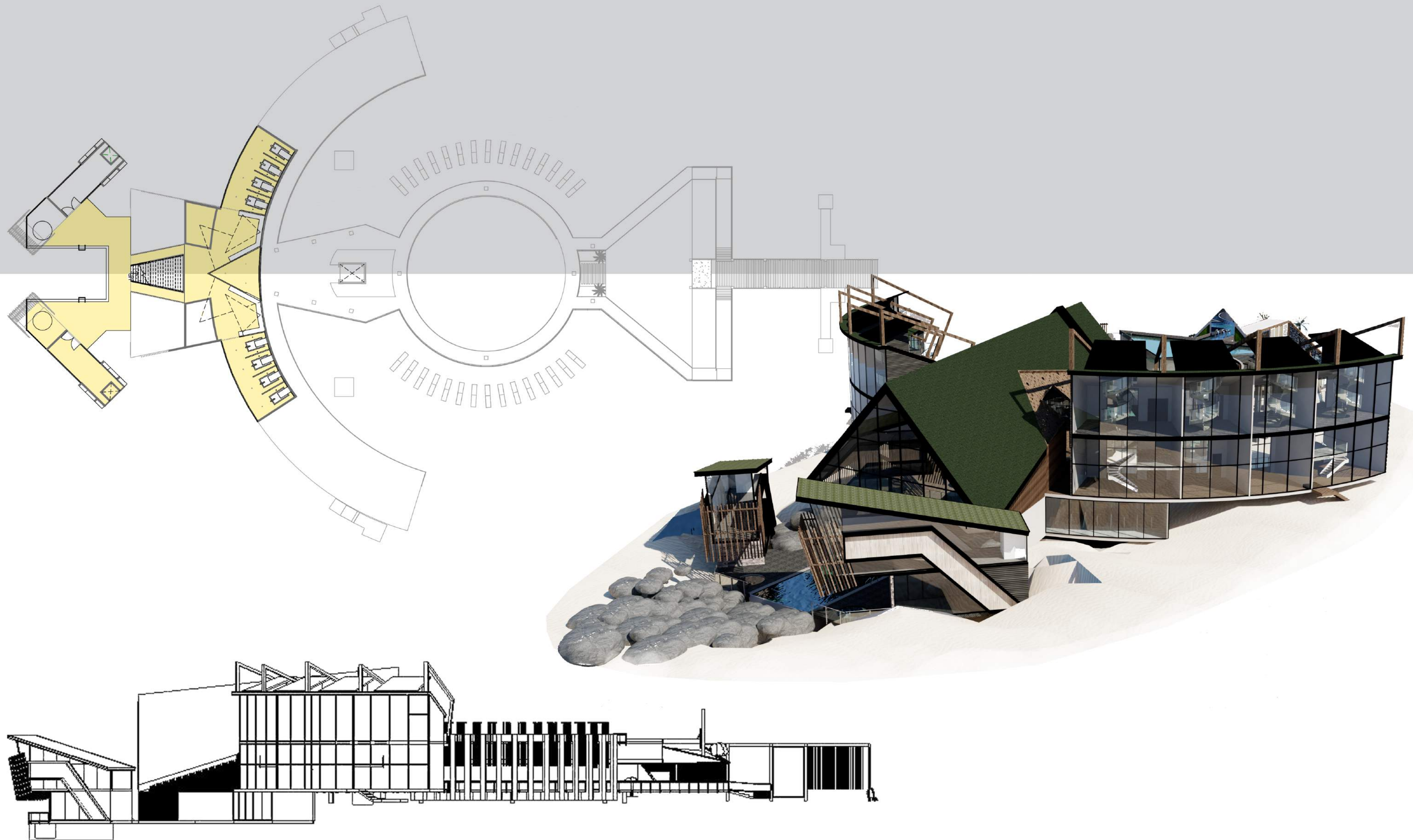
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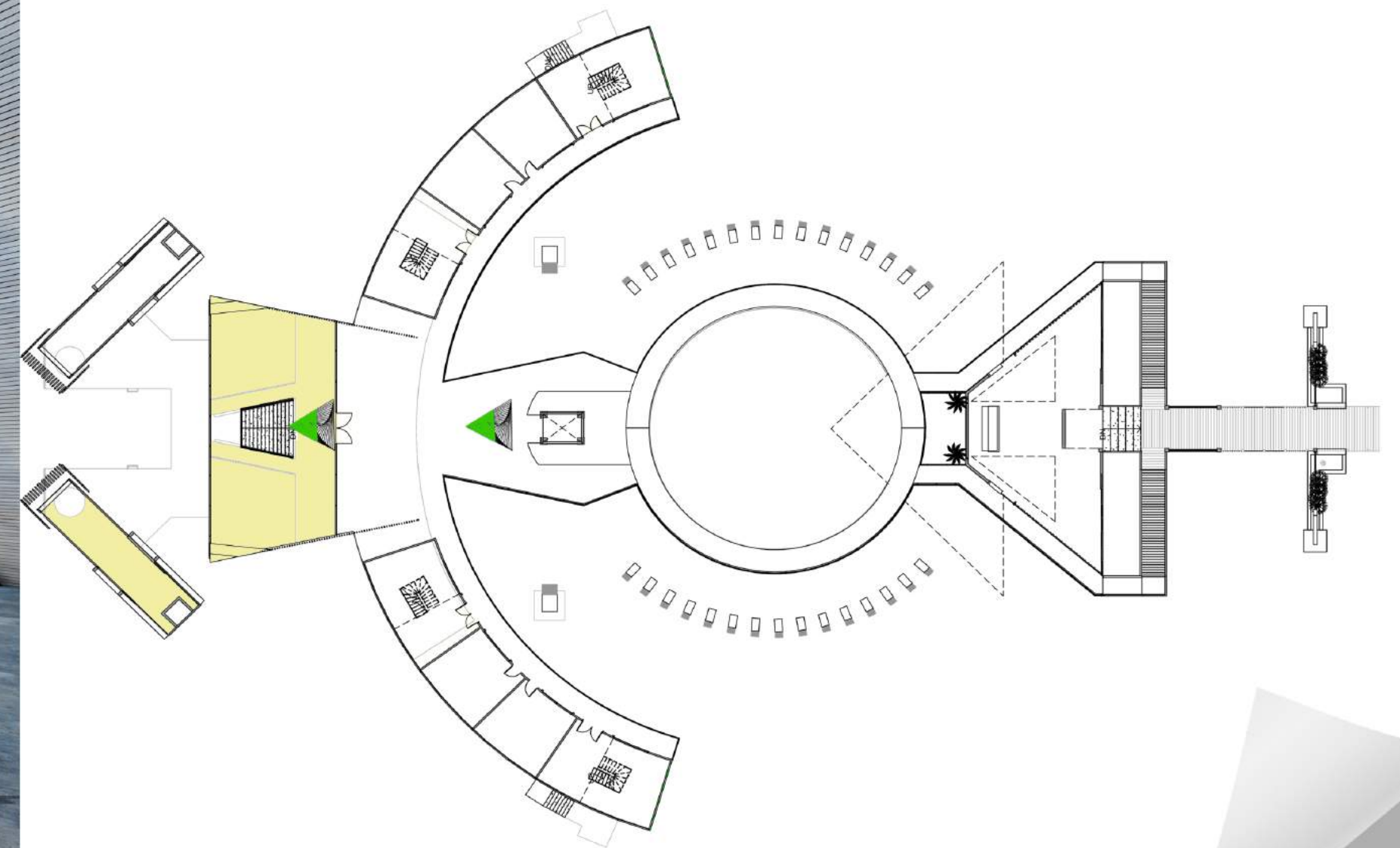


SUB - LEVEL FLOOR PLAN



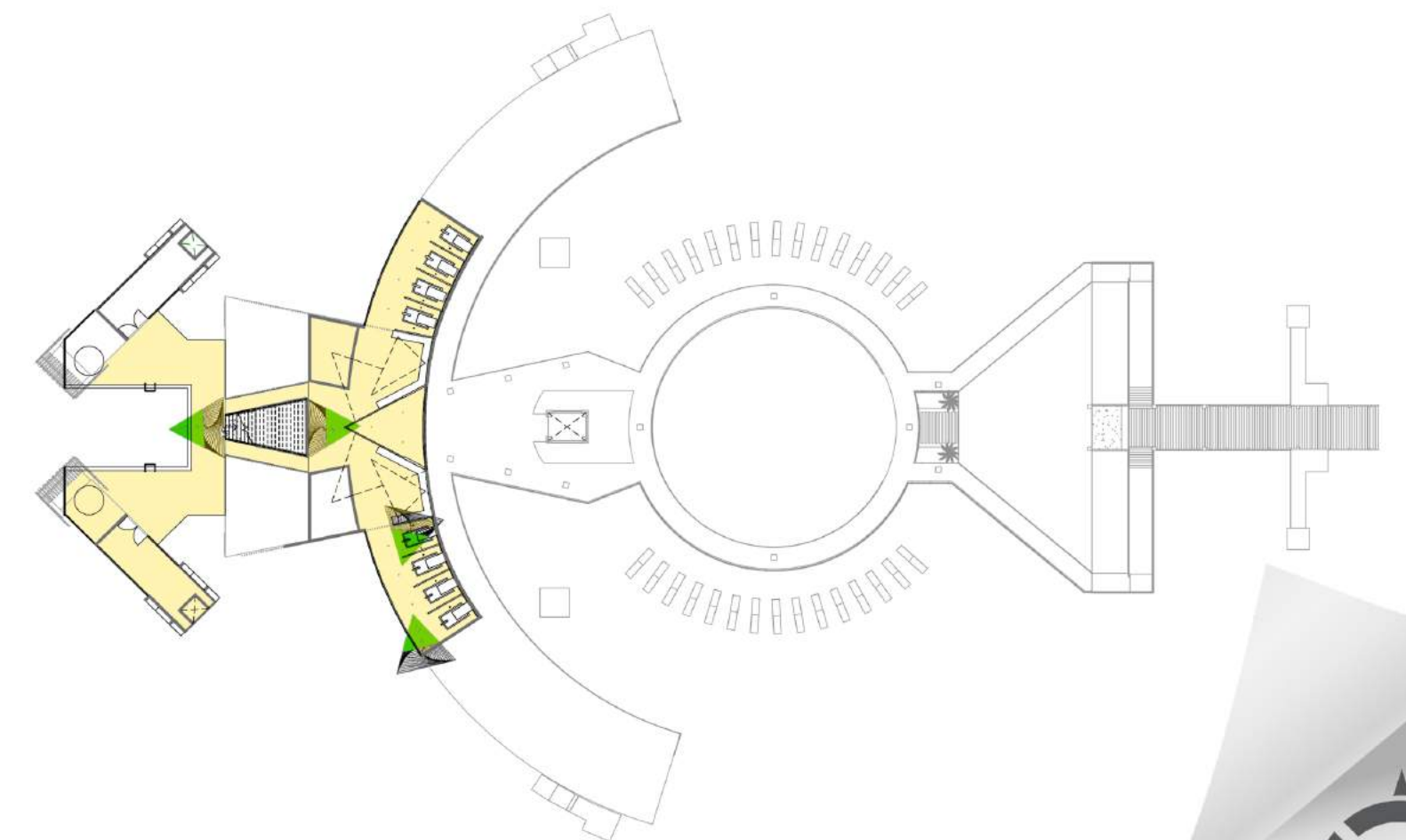
MAIN LEVEL

THERAPEUTIC RELAXATION



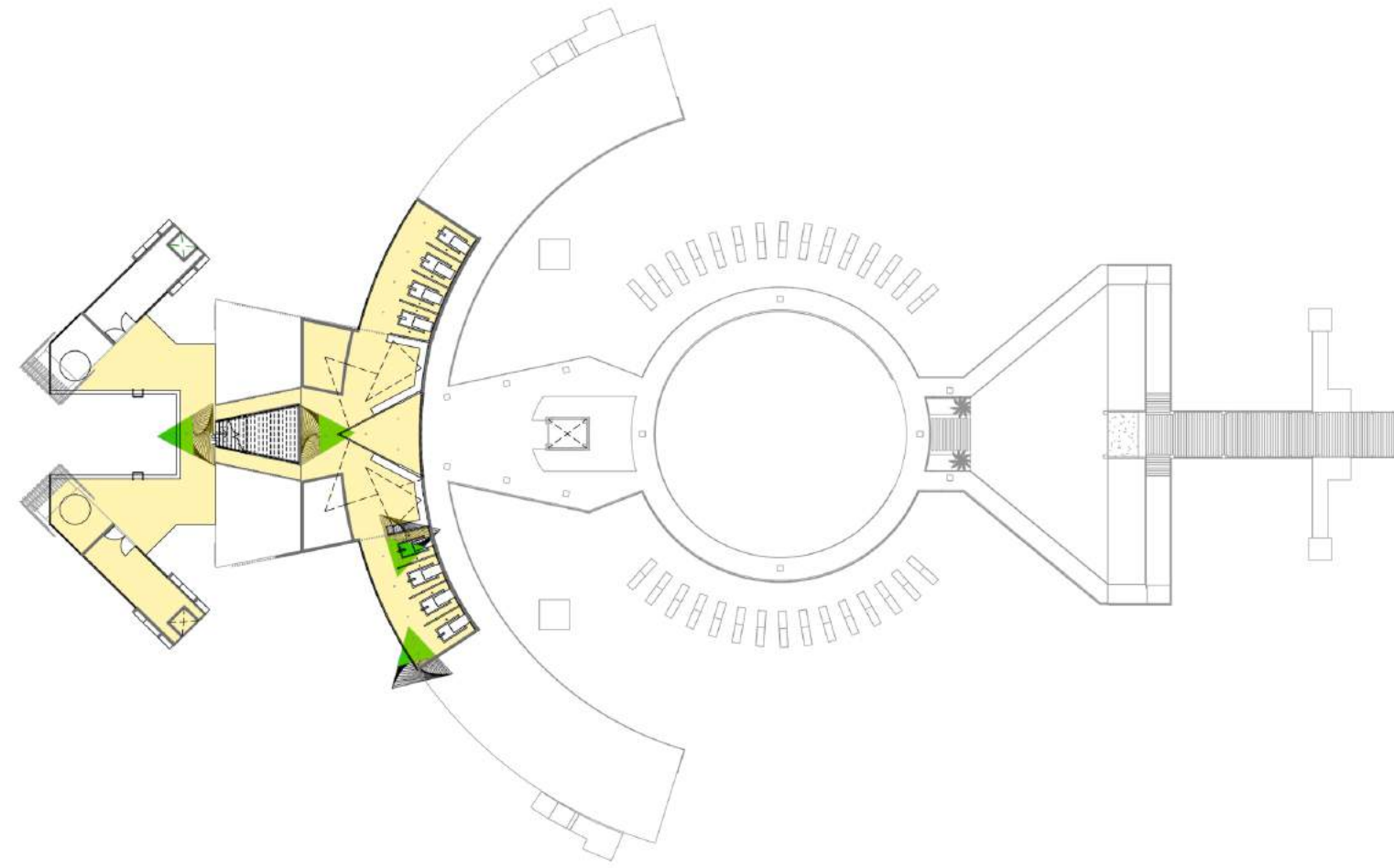
SUB - LEVEL

THERAPEUTIC RELAXATION



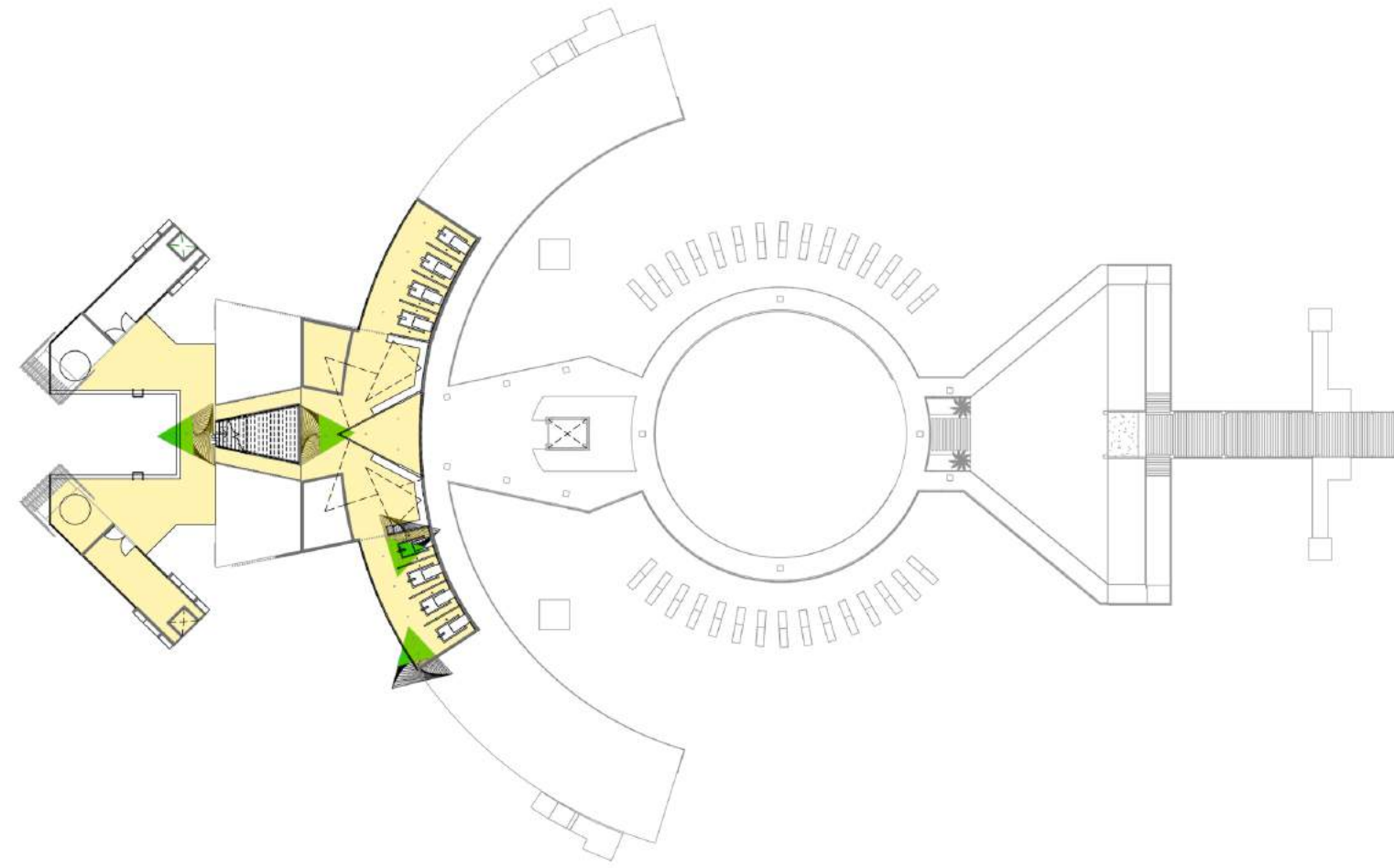
SUB - LEVEL

THERAPEUTIC RELAXATION



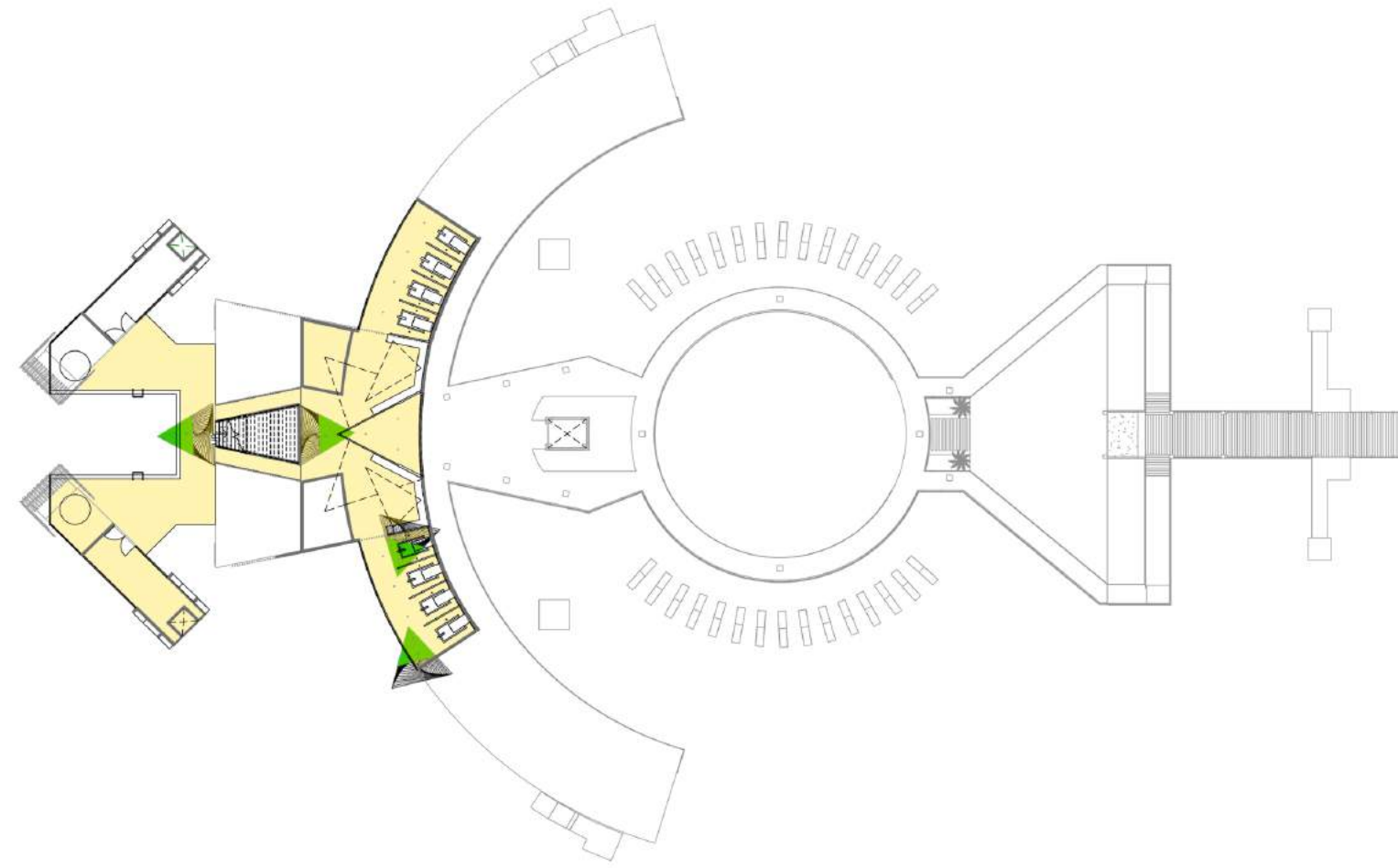
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THERAPEUTIC RELAXATION



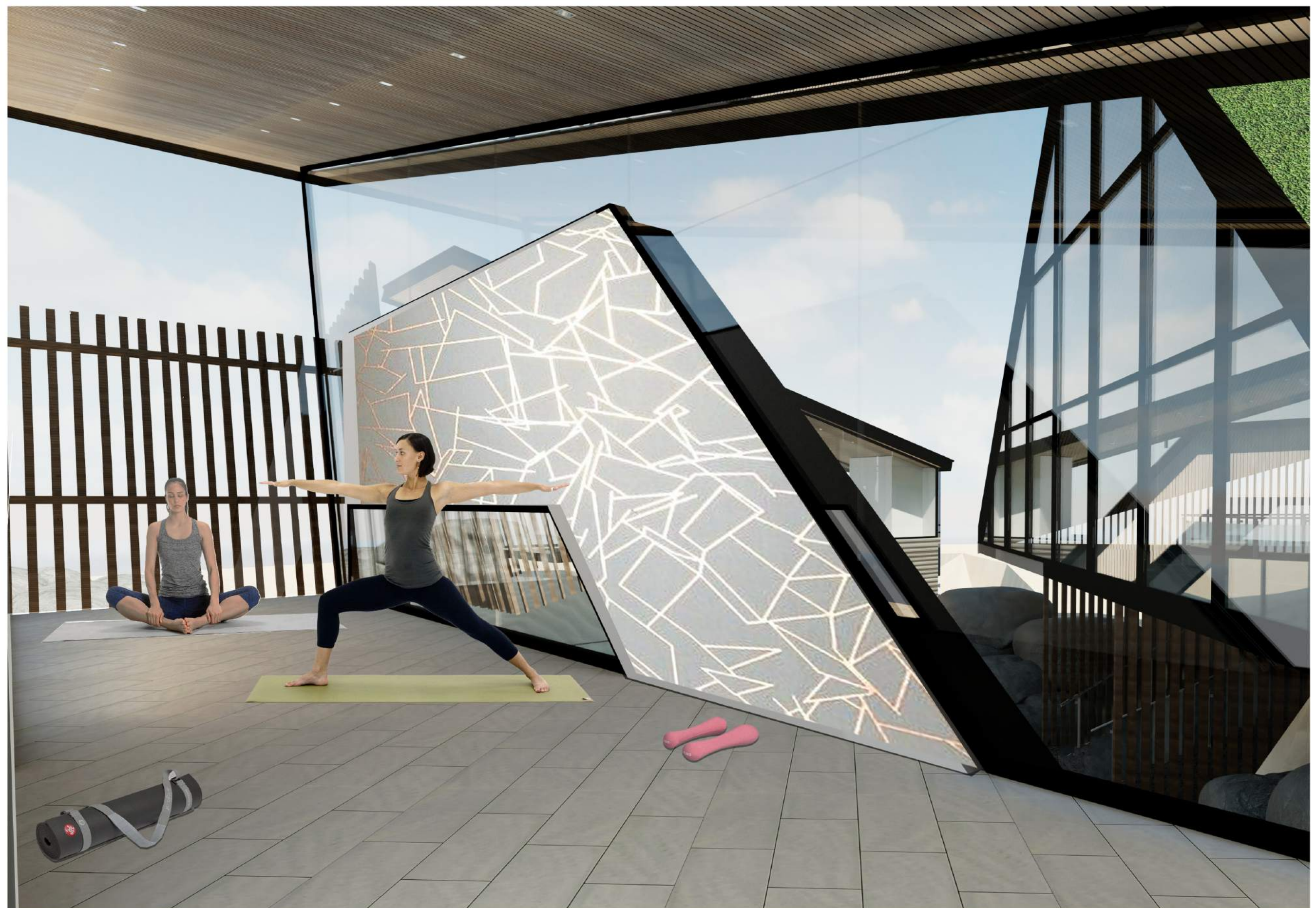
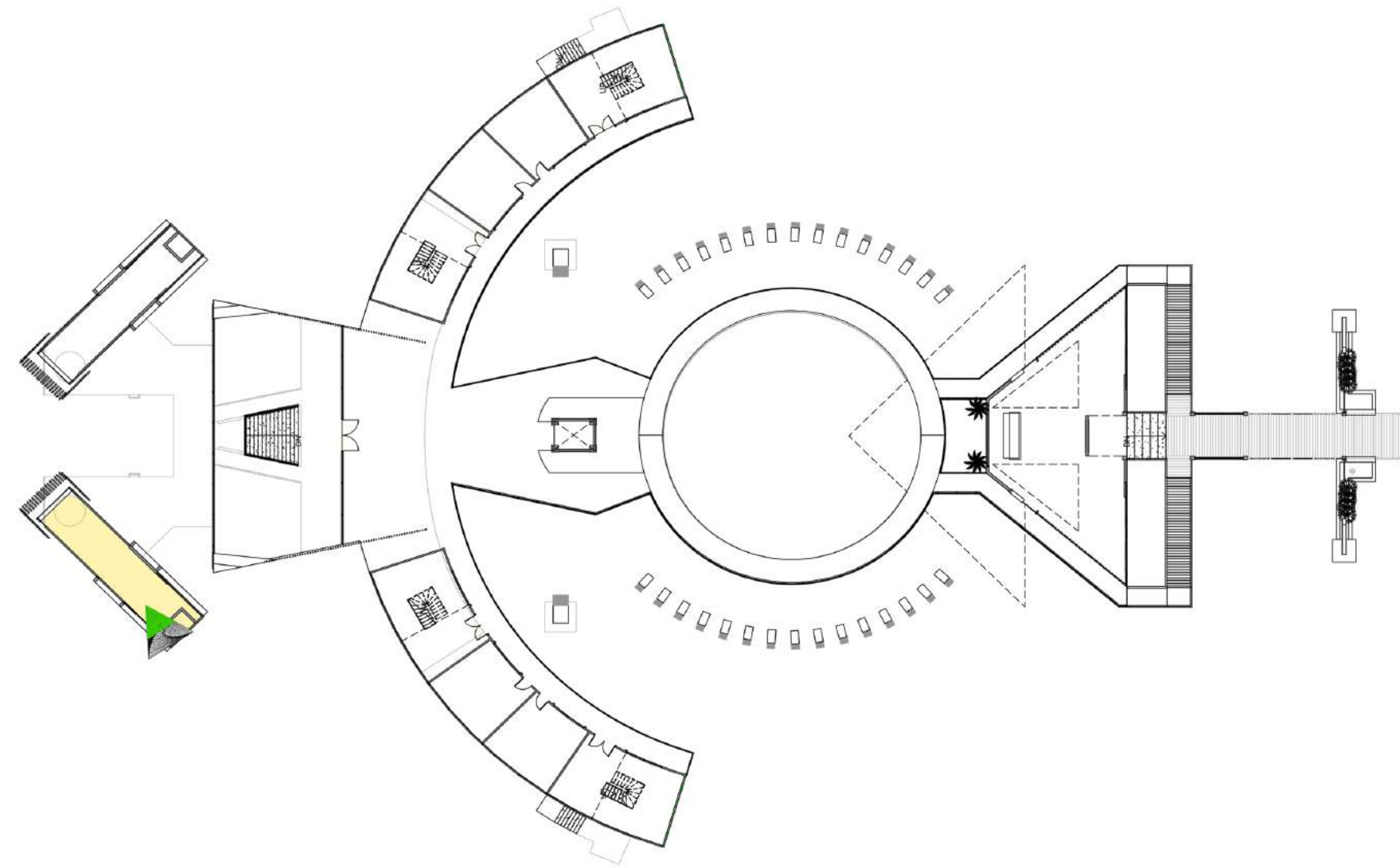
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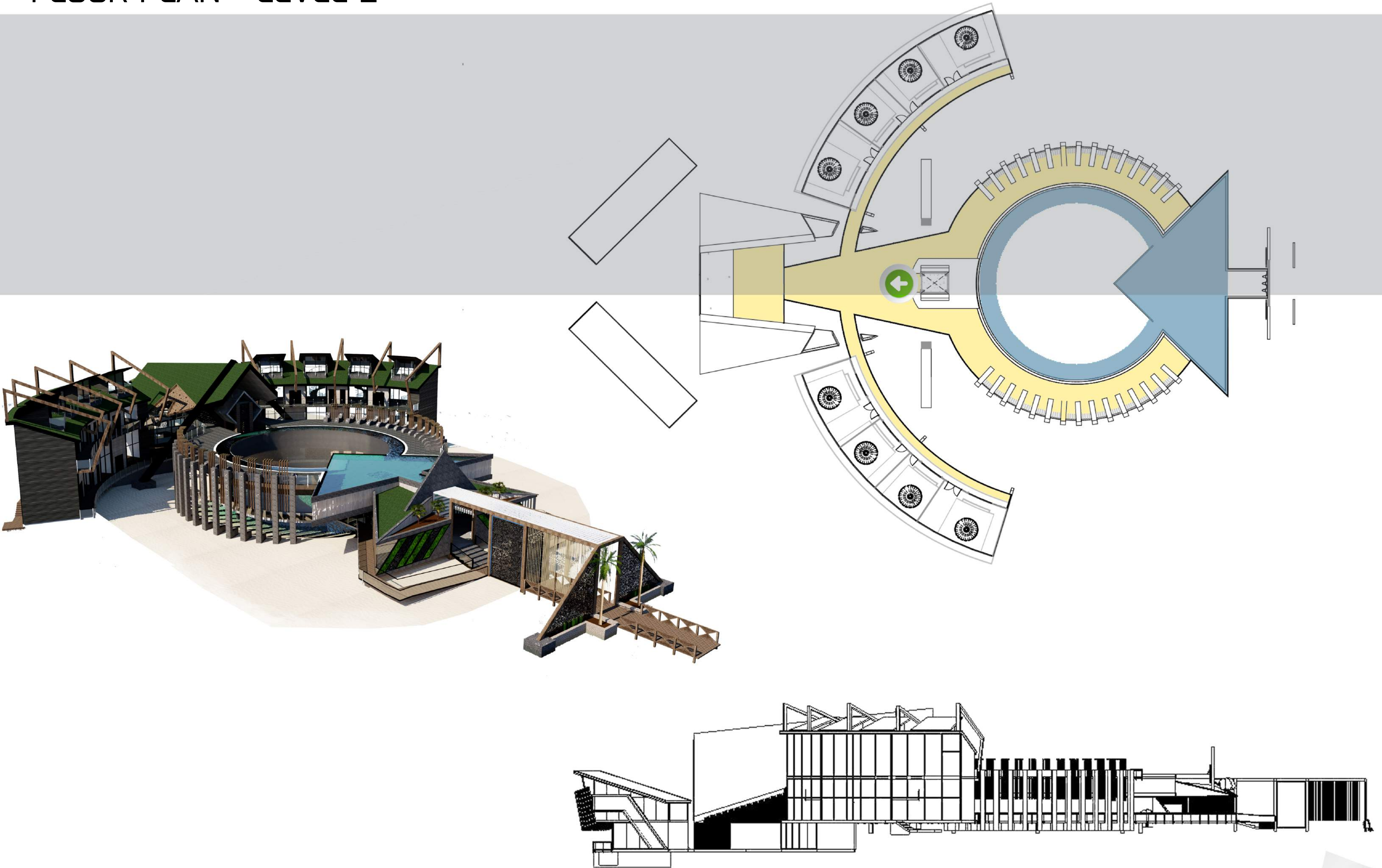


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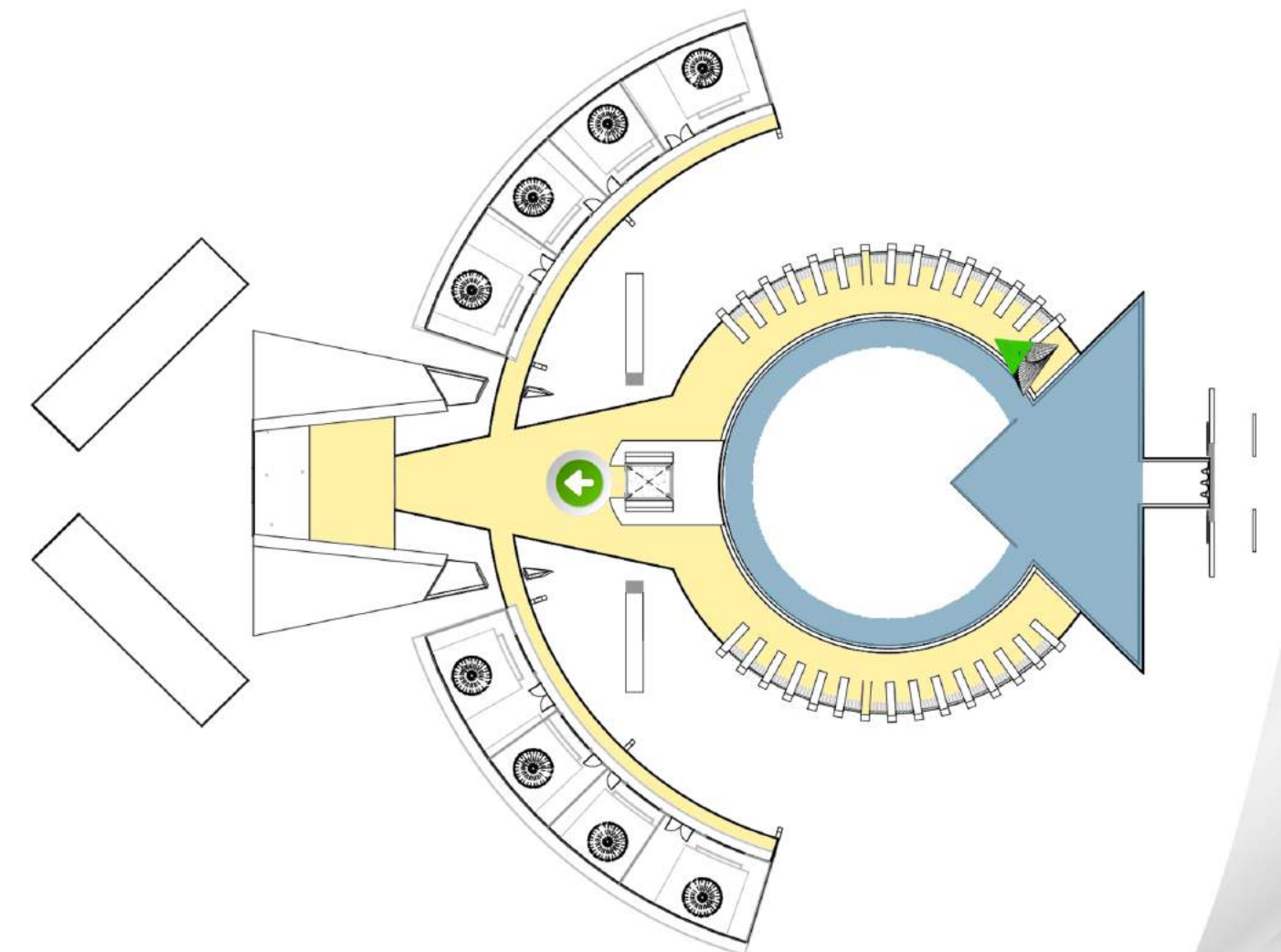
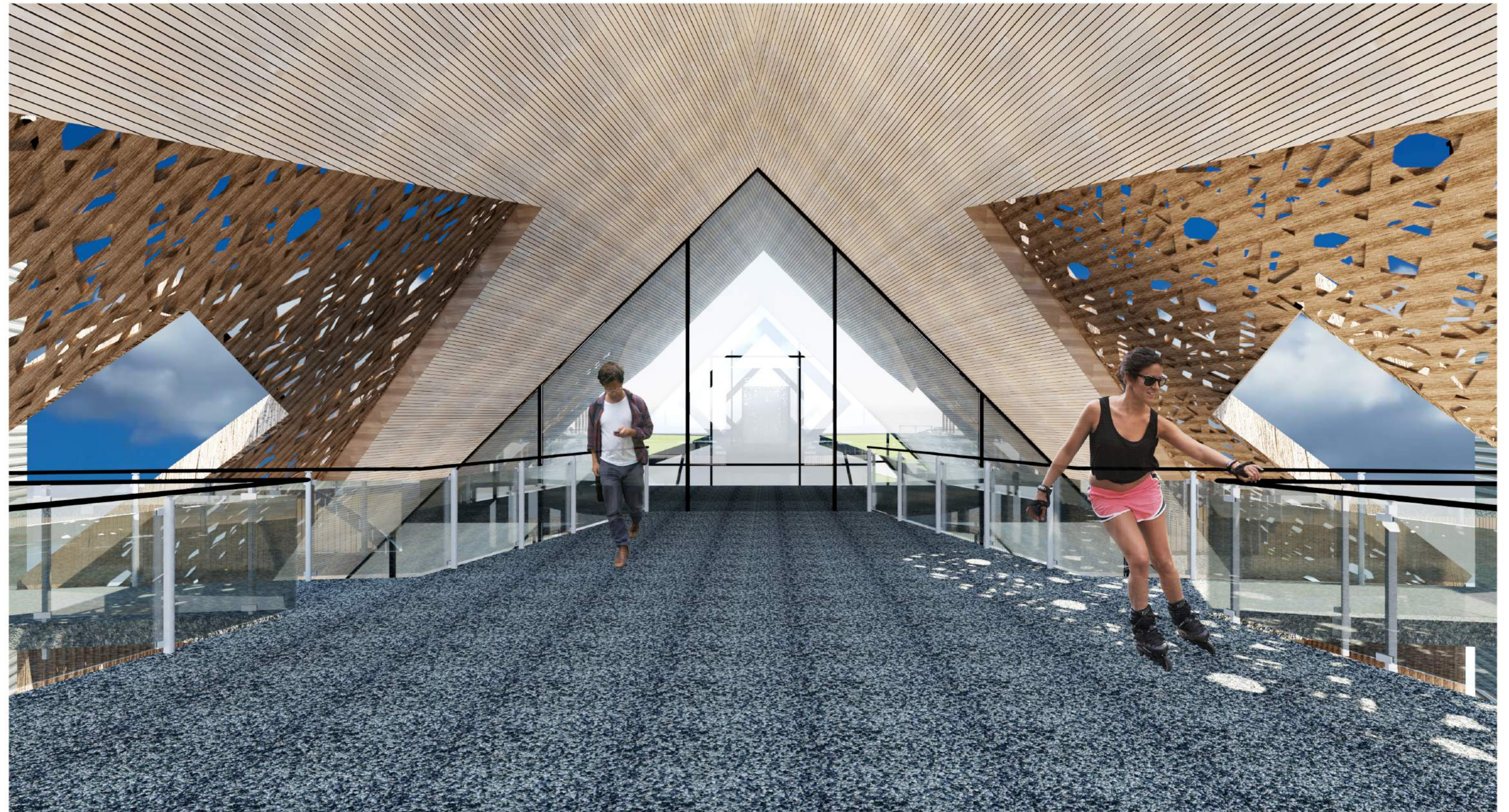


FLOOR PLAN - LEVEL 2



LEVEL TWO

MOVING WITH THE HELP OF
BOUYANCY



MAIN LEVEL

SCRUTINIZATION OF NATURE
THROUGH TRIAL AND ERROR

DESIGN

SUPPORT AND PROTECTION
PRIVACY AND PERSONAL
SPACE
TERRITORY

FACTORS

ENVIRONMENTAL PSYCHOLOGY

▲ SPATIAL COGNITION AND LEGIBILITY

- LANDMARK AND FOCUS
- DEPTH
- HIERARCHY

▲ PROPERTIES OF INTERIOR ARCHITECTURE

- SYMBOLISM

▲ ENVIRONMENTAL ATTENTION

- RESTORATION
- EXPLORATION
- PERSONAL SPACE

QUALITATIVE DESIGN FACTORS

▲ MEANS OF CREATING TRUST

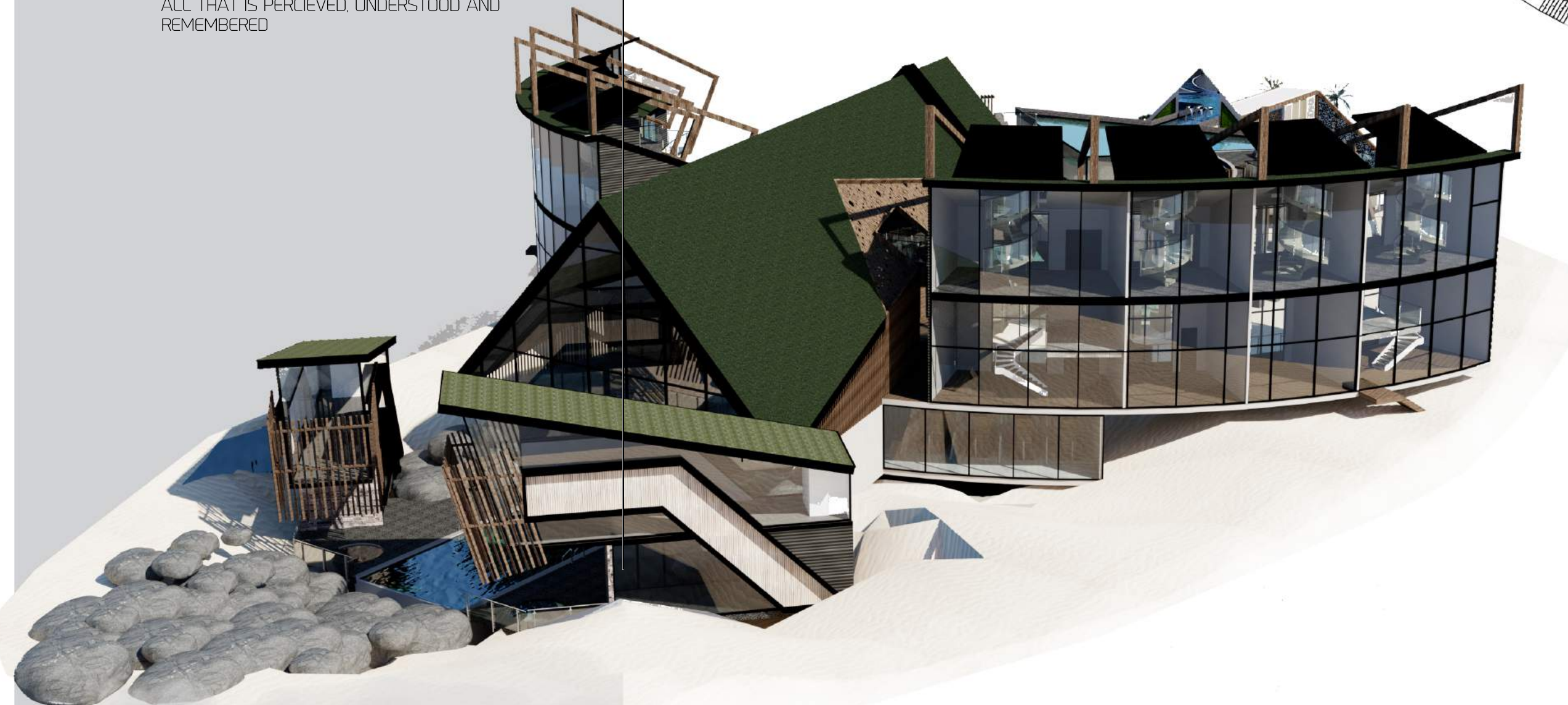
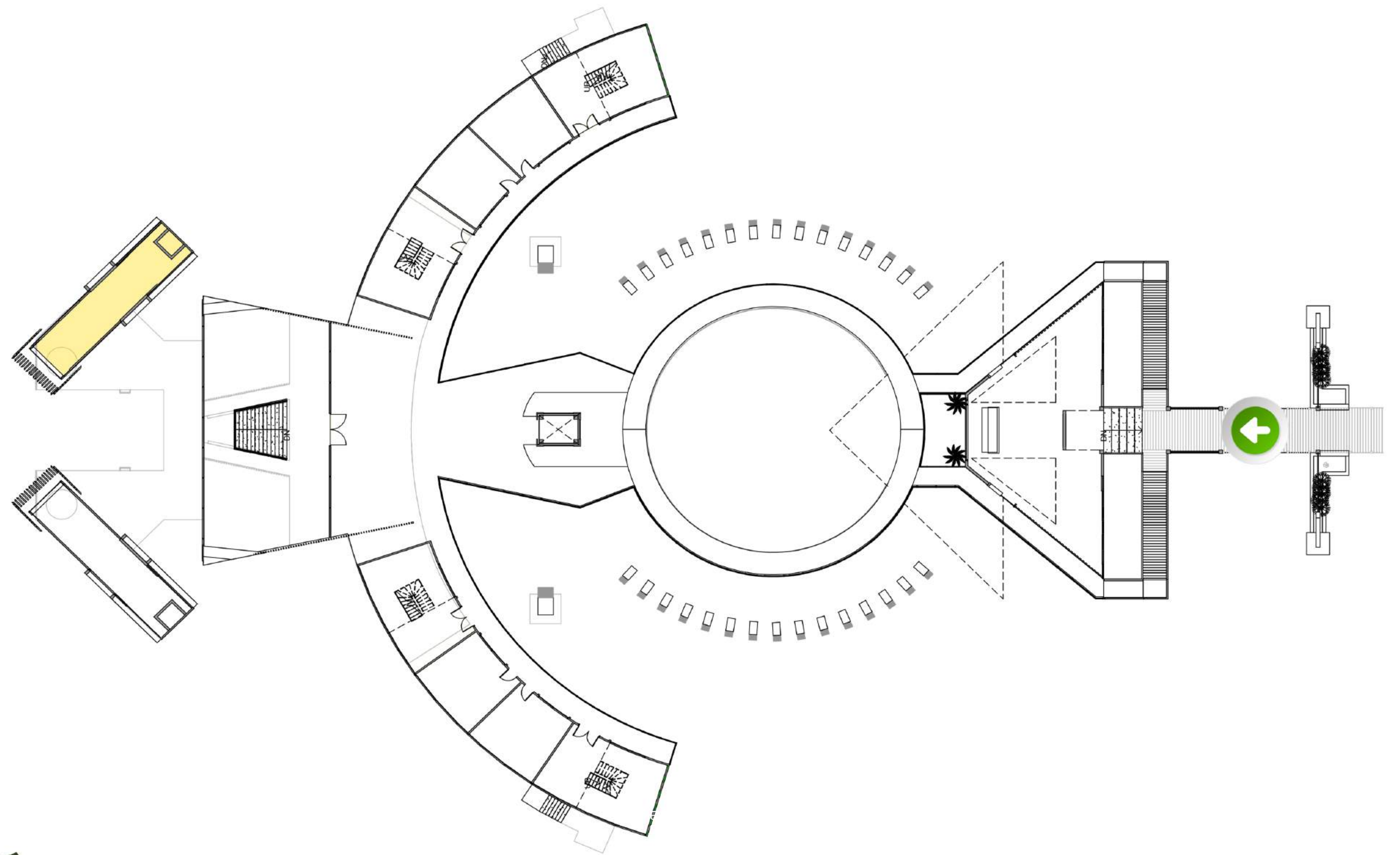
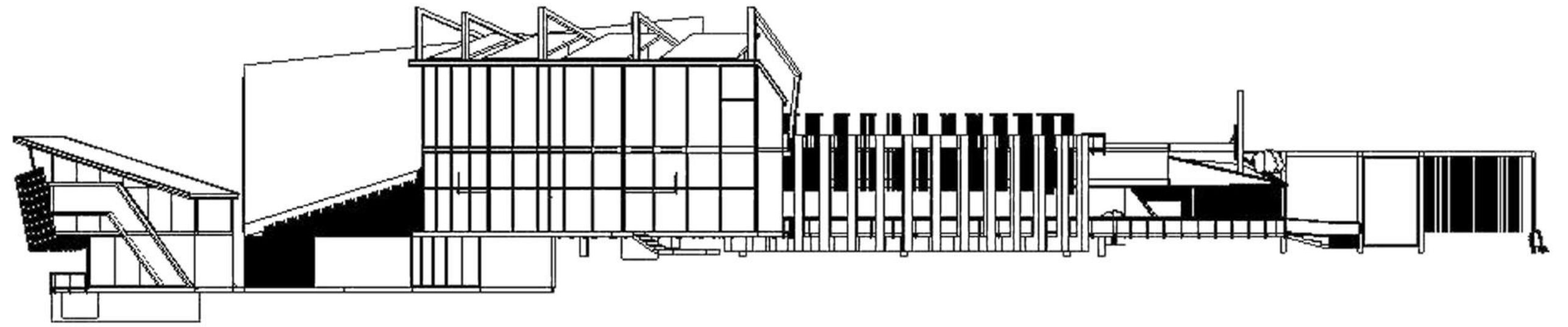
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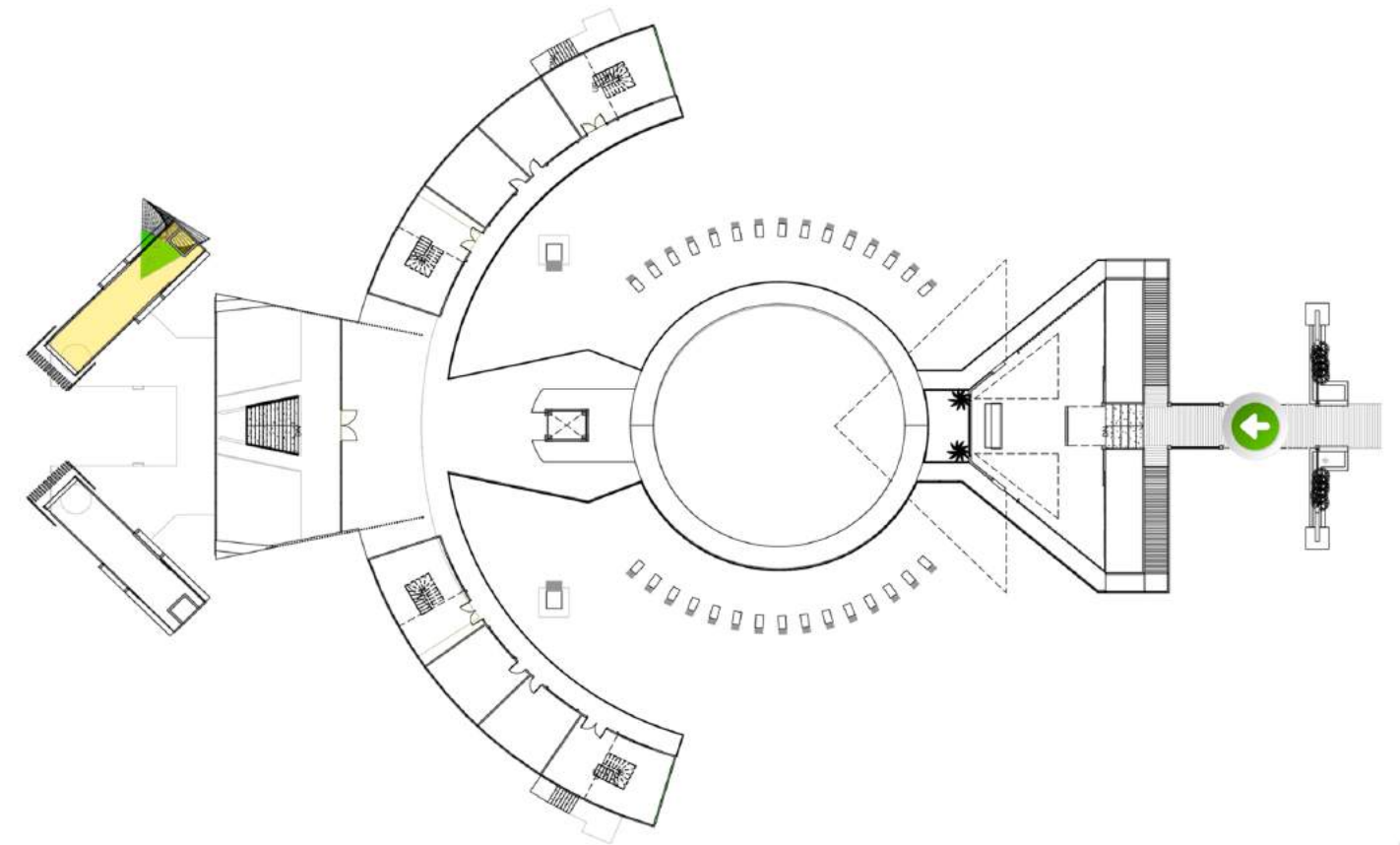
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MAIN LEVEL

SCRUTINIZATION OF NATURE
THROUGH TRIAL AND ERROR



LEVEL TWO

MOVING WITH THE HELP OF
BOUYANCY

SUPPORT AND PROTECTON
PRIVACY AND PERSONAL SPACE
TERRITORY

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QUALITATIVE DESIGN FACTORS

MEANS OF CREATING TRUST

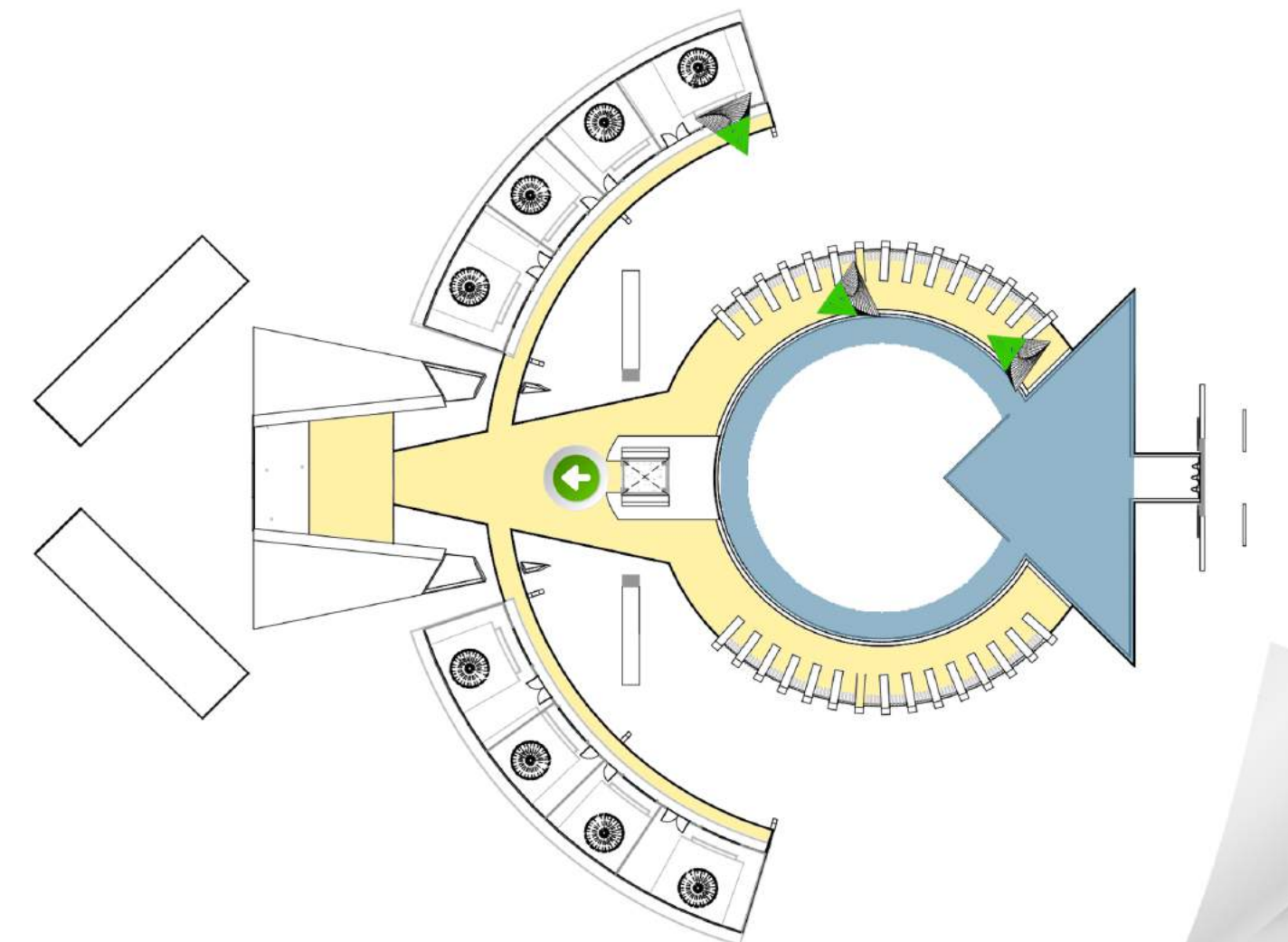
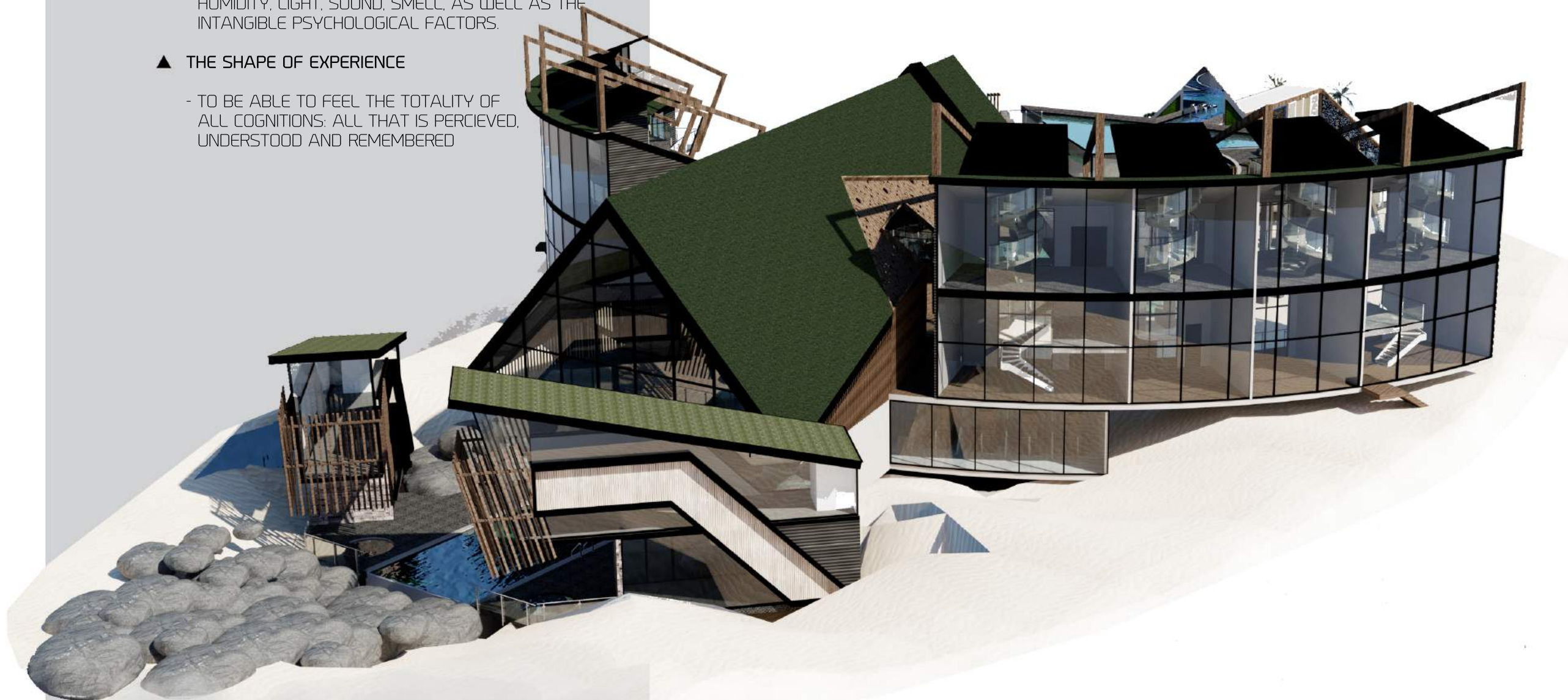
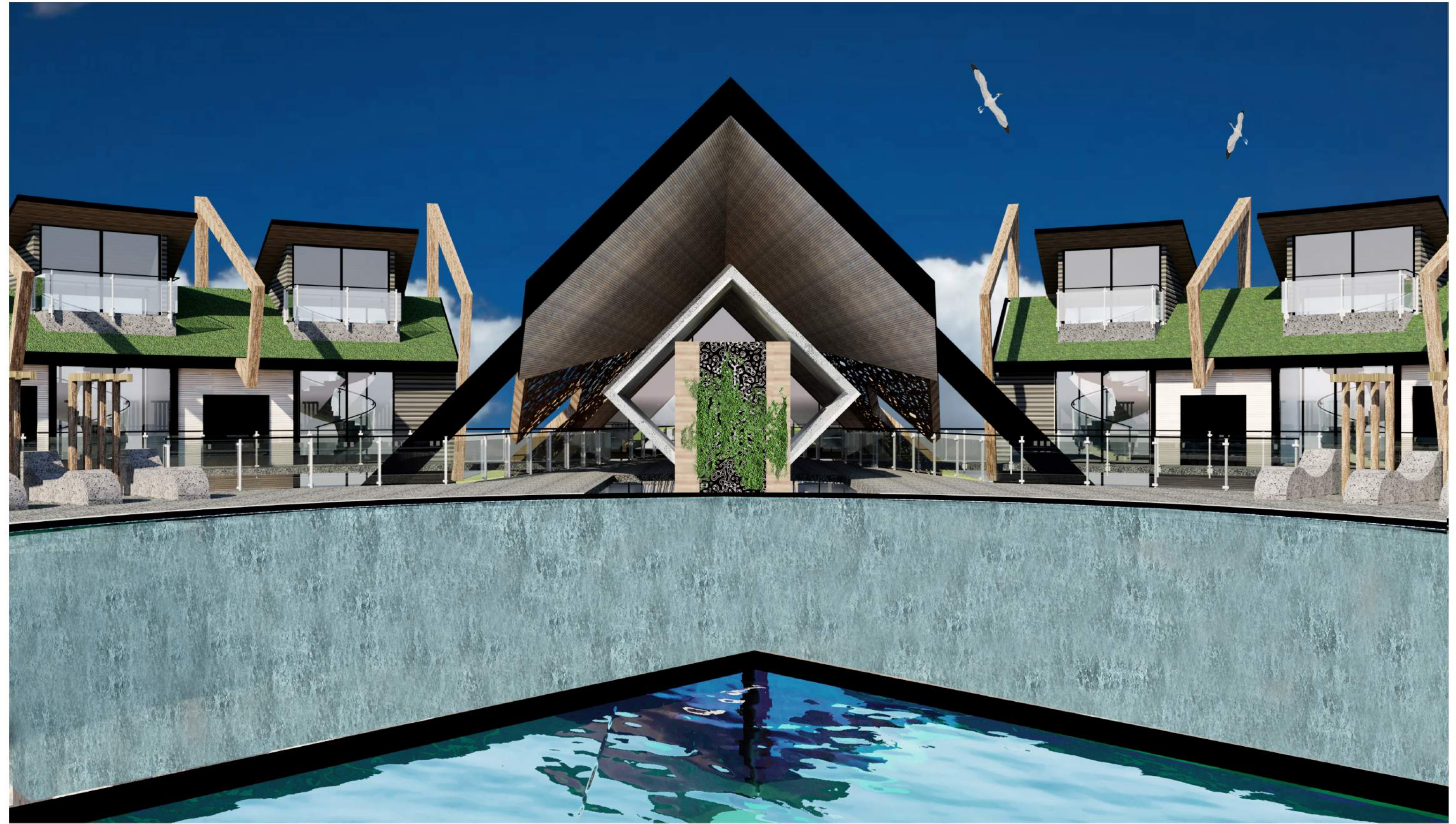
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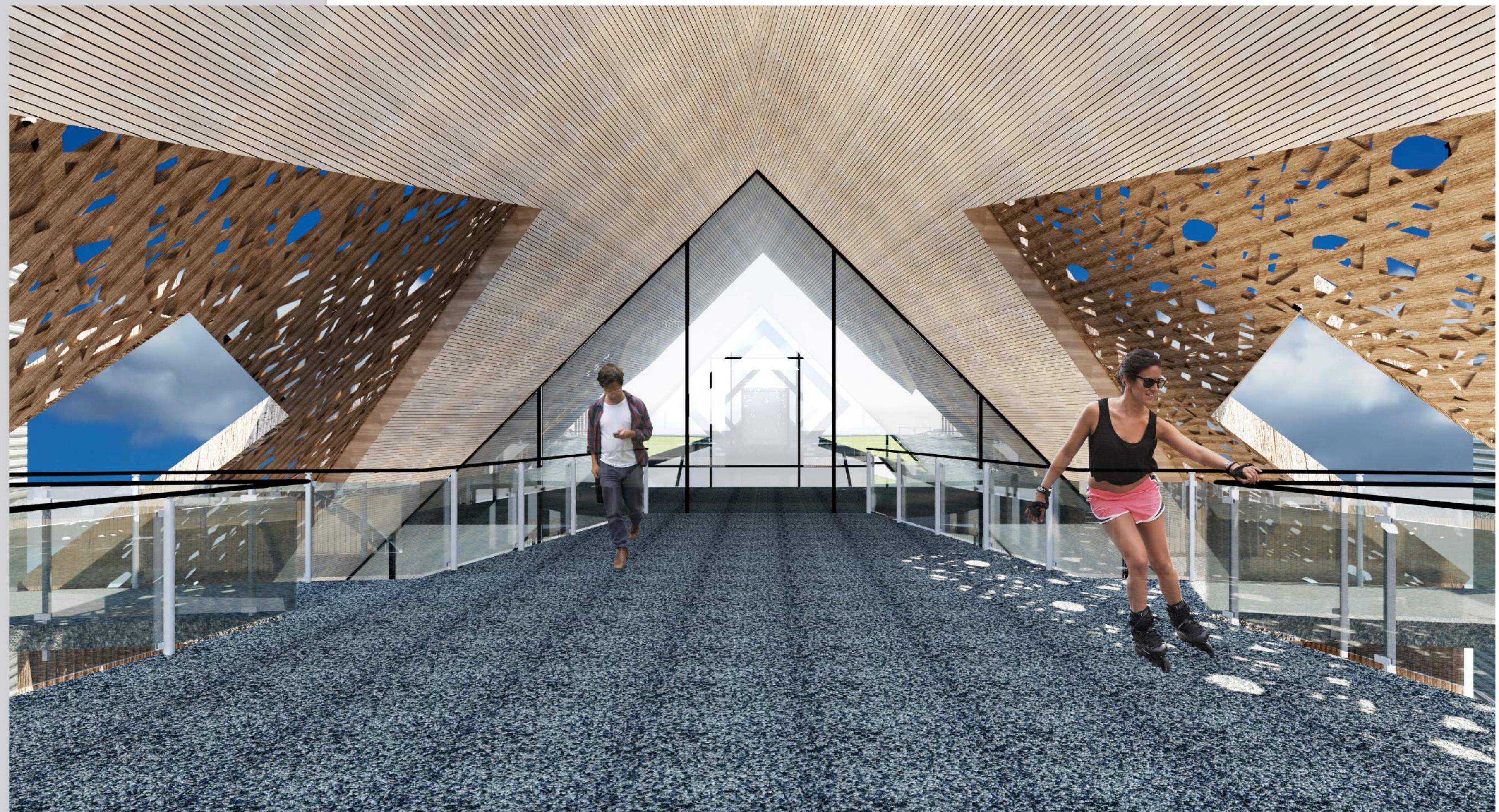
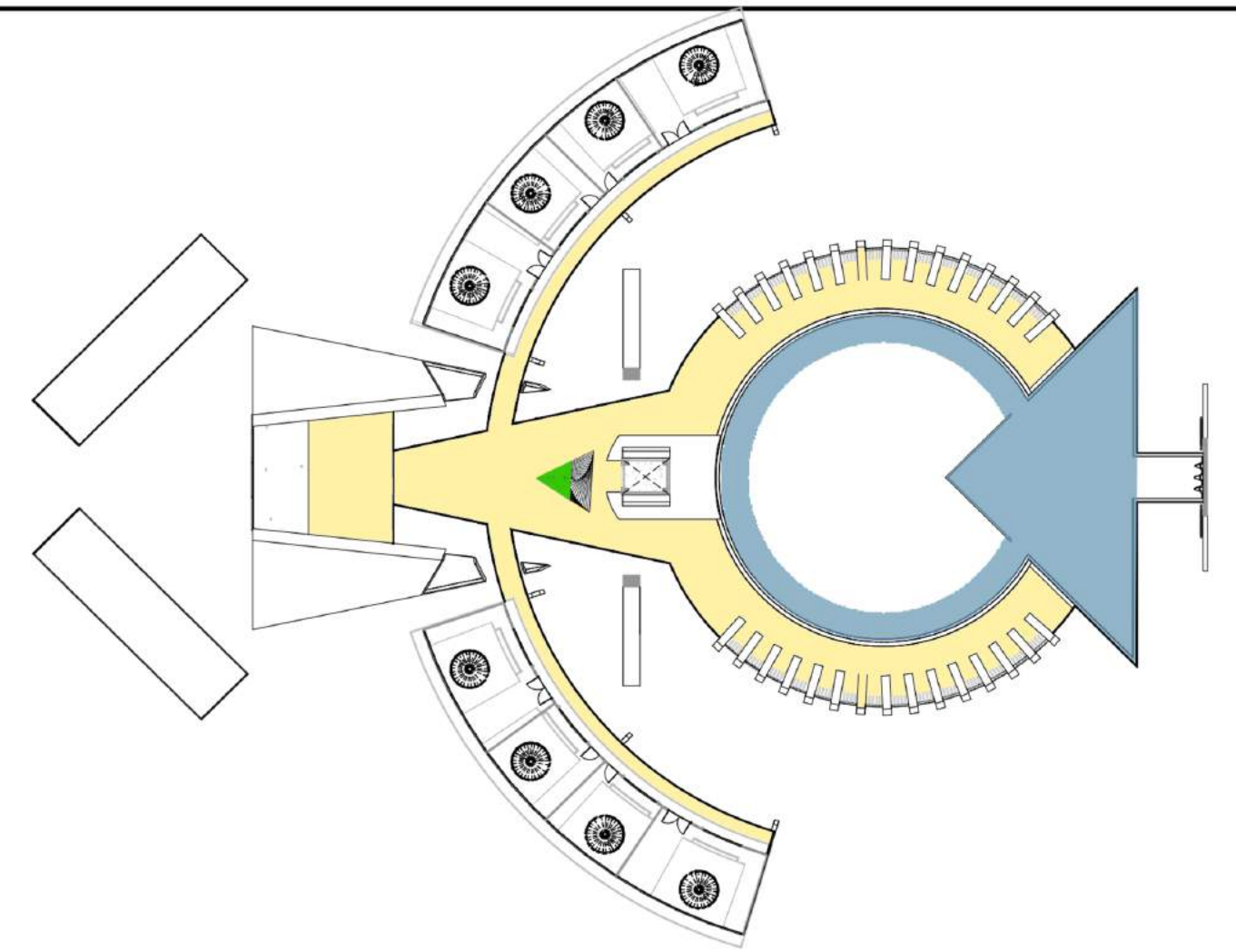
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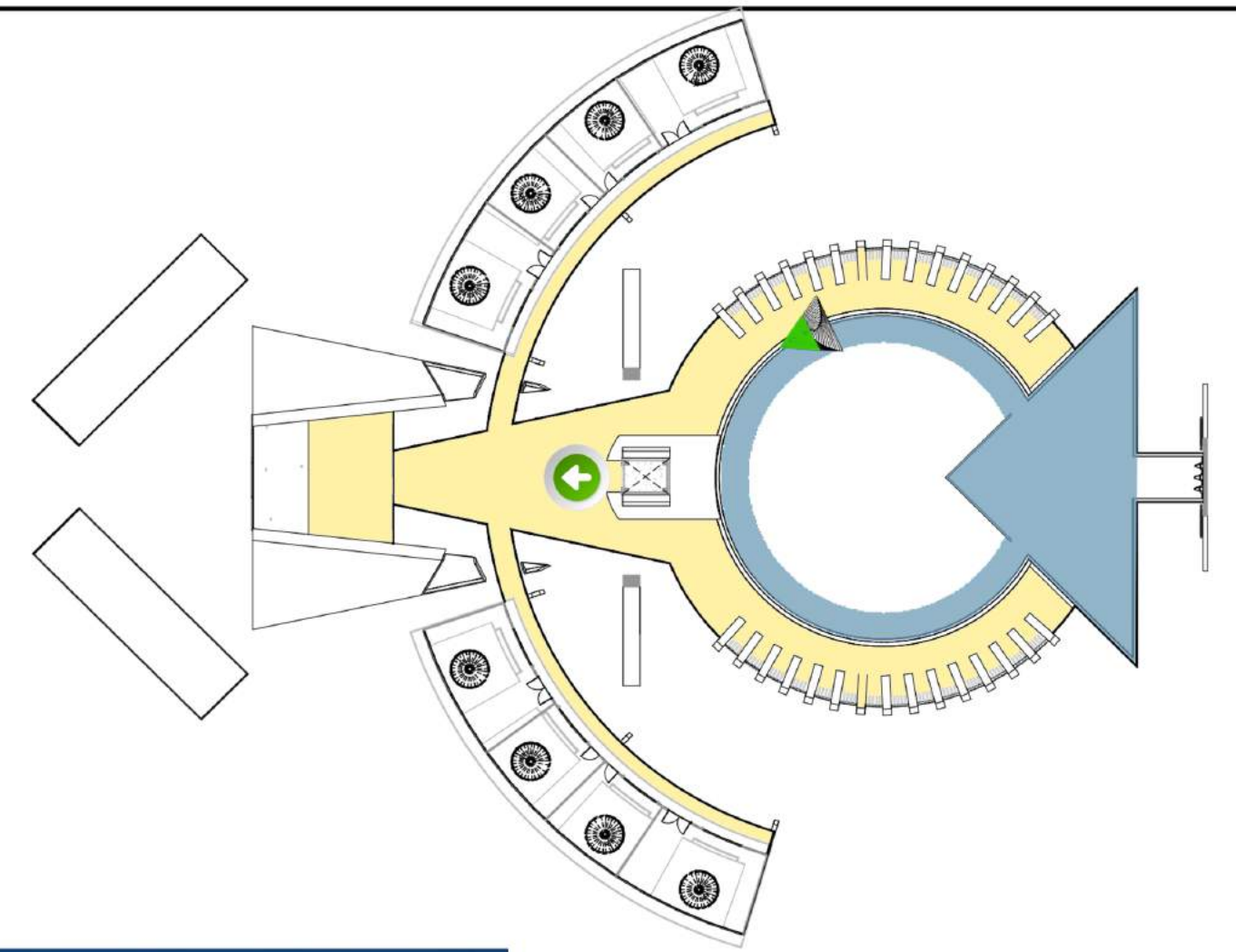
LEVEL TWO

MOVING WITH THE HELP OF
BOUYANCY



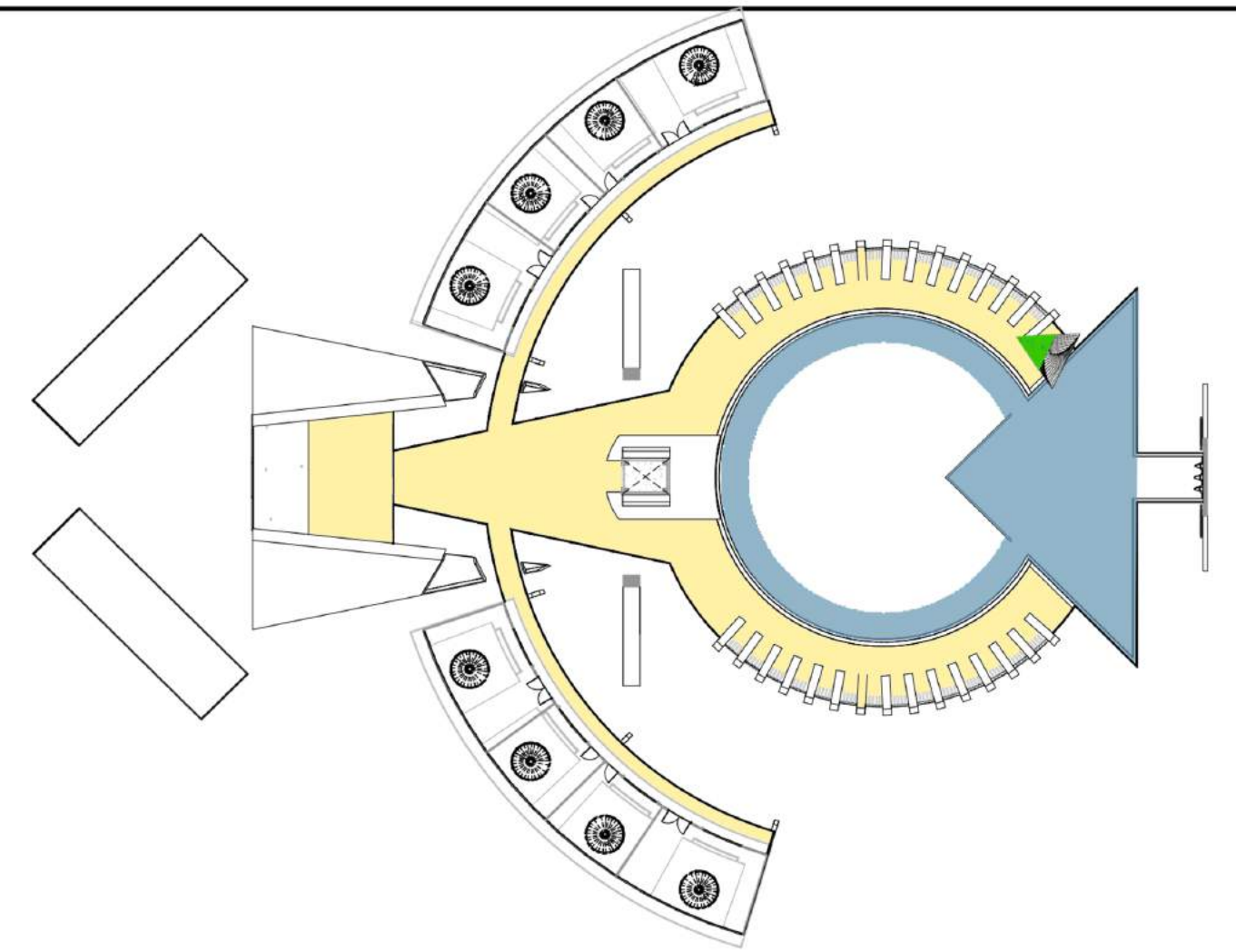
LEVEL TWO

MOVING WITH THE HELP OF
BOUYANCY



LEVEL TWO

MOVING WITH THE HELP OF
BOUYANCY



THE PROJECT SITE

