



GREEN BUILDING REGIONAL CONFERENCE AND EXHIBITION 2011

***INNOVATIONS IN GREEN  
BUILDING-THE GRIHA  
APPROACH***

***Energy is infinite***

25.11.2011

JAISIM-FOUNTAINHEAD





IN THE BEGINNING

THERE WAS

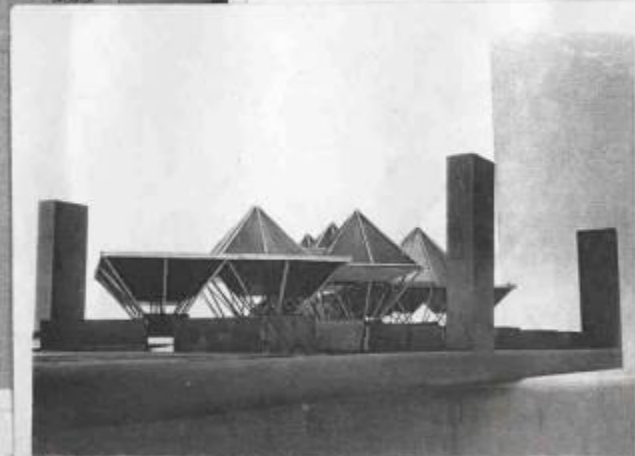
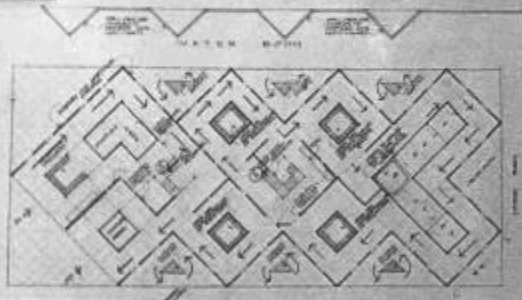
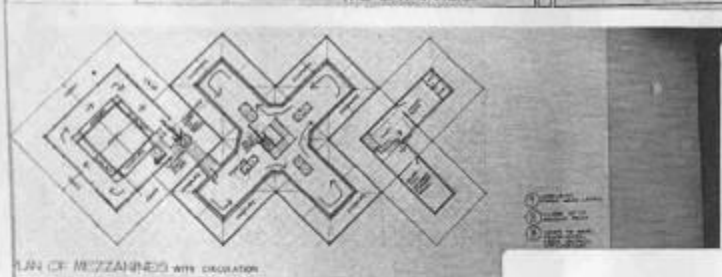
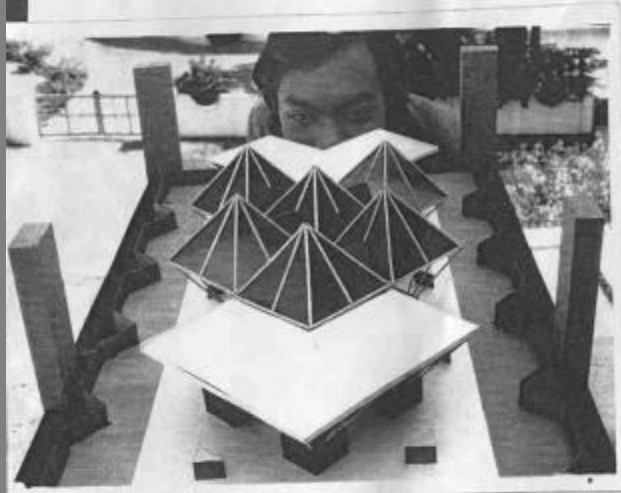
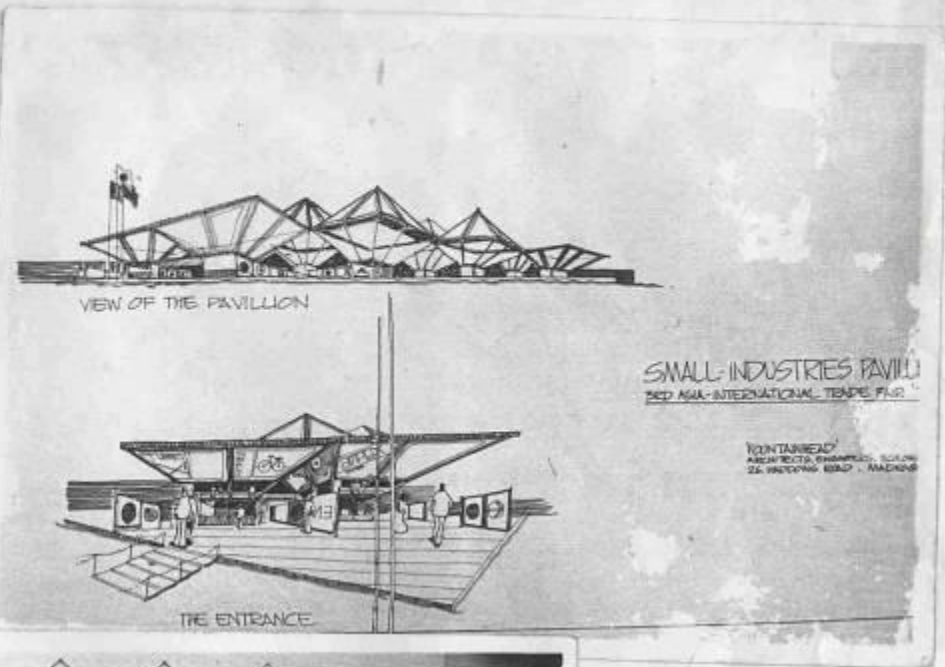
*TIME*

AND

*SPACE*



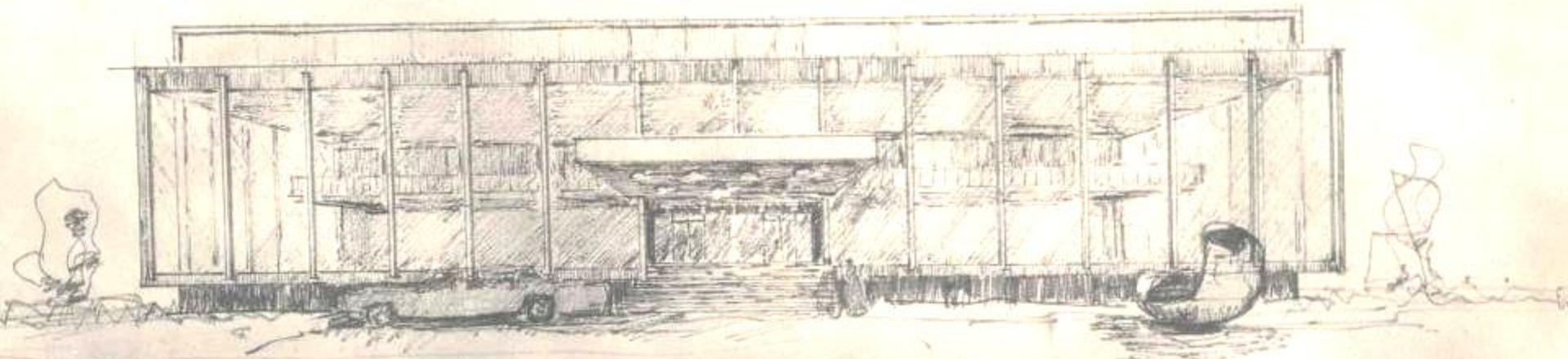
"BUKE"  
1972



*Jaisim*

**JAISIM - FOUNTAINHEAD**  
ARCHITECTS PLANNERS ENGINEERS E.C.O. 1975  
175/1, PAVILLION ROAD, 1 BLOCK WEST  
JAYANAGAR BANGALORE - 560 011  
© : 4 6 3 0 2 3 4





PROPOSED AUDITORIUM-TOWN-HALL - DHARWAR - HUBLI-DHARWAR MUNICIPAL CORPORATION

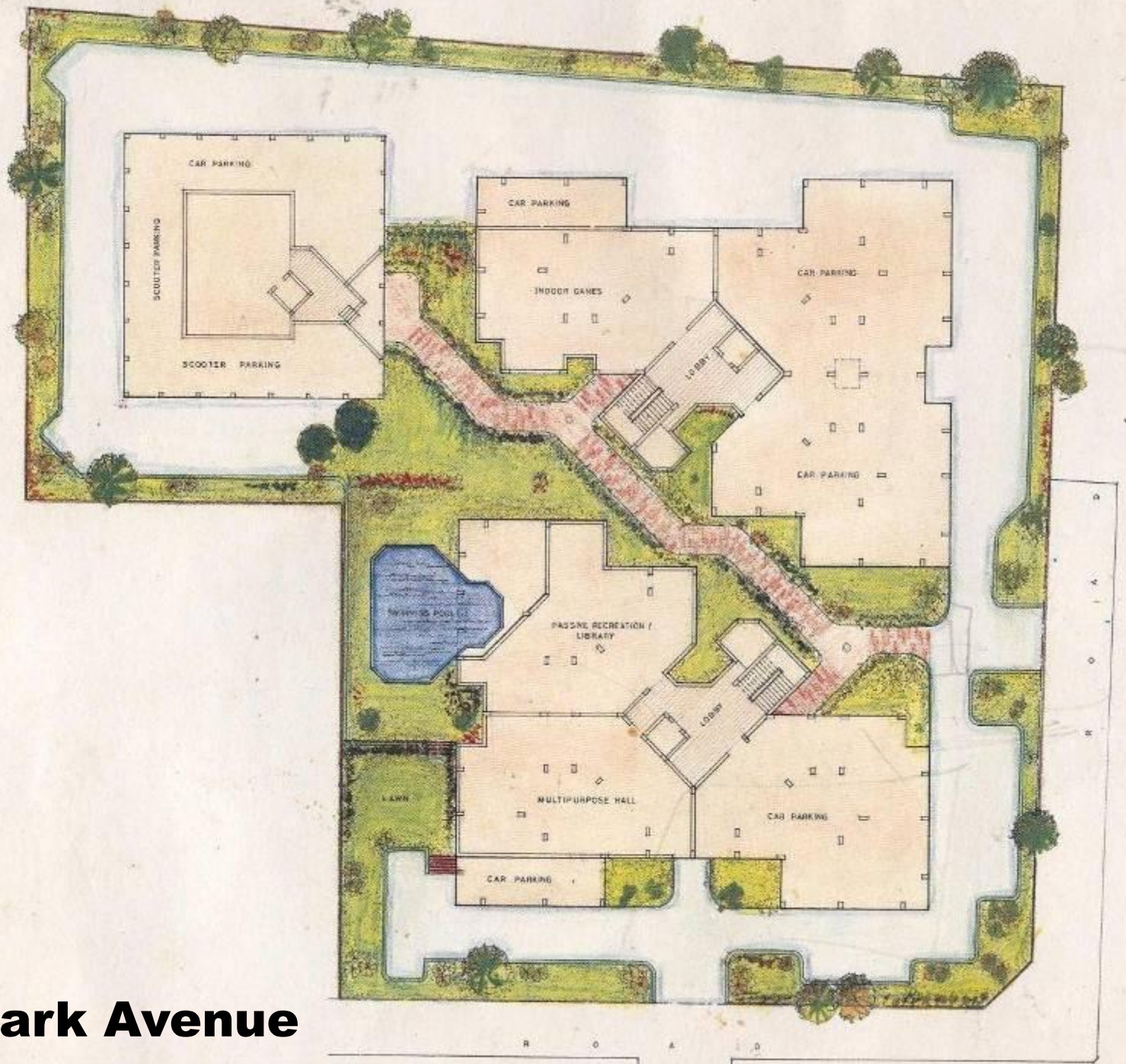
# “FOUNTAINHEAD HOMES”



PERSPECTIVE VIEW  
OF APARTMENTS AT MEDOWS 99,  
FOUNTAINHEAD  
ARCHITECTS ENGINEERS & SURV.  
26, HADDON'S ROAD, M. G.







# 48 Park Avenue









ENVIRONMENT

EXPOSURE

EXPERIENCE

EVOLVES

EP / *Way*  
Day 1002

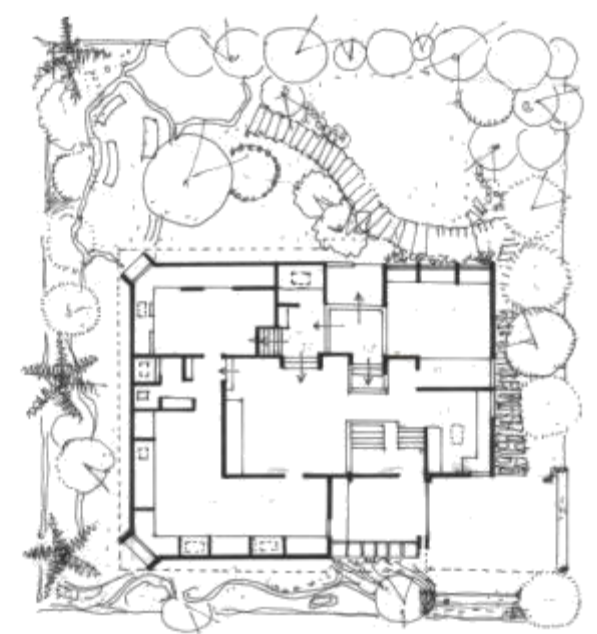
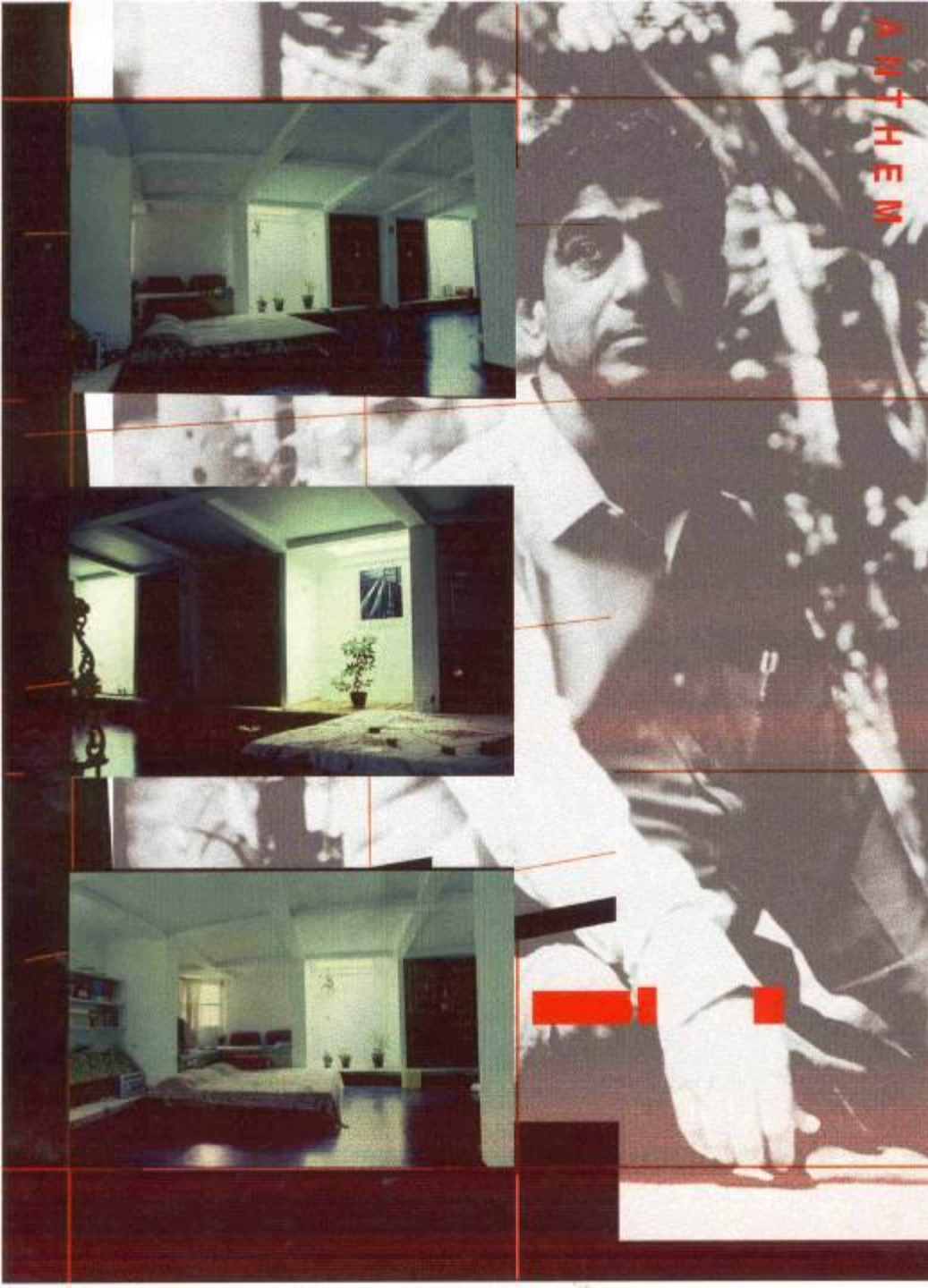












ANTHEM...







An aerial photograph of a river valley. The river winds through a lush green landscape with rolling hills and some buildings in the distance. The text is overlaid in the center of the image.

ARCHITECTURE IS NOT A  
PRODUCT.

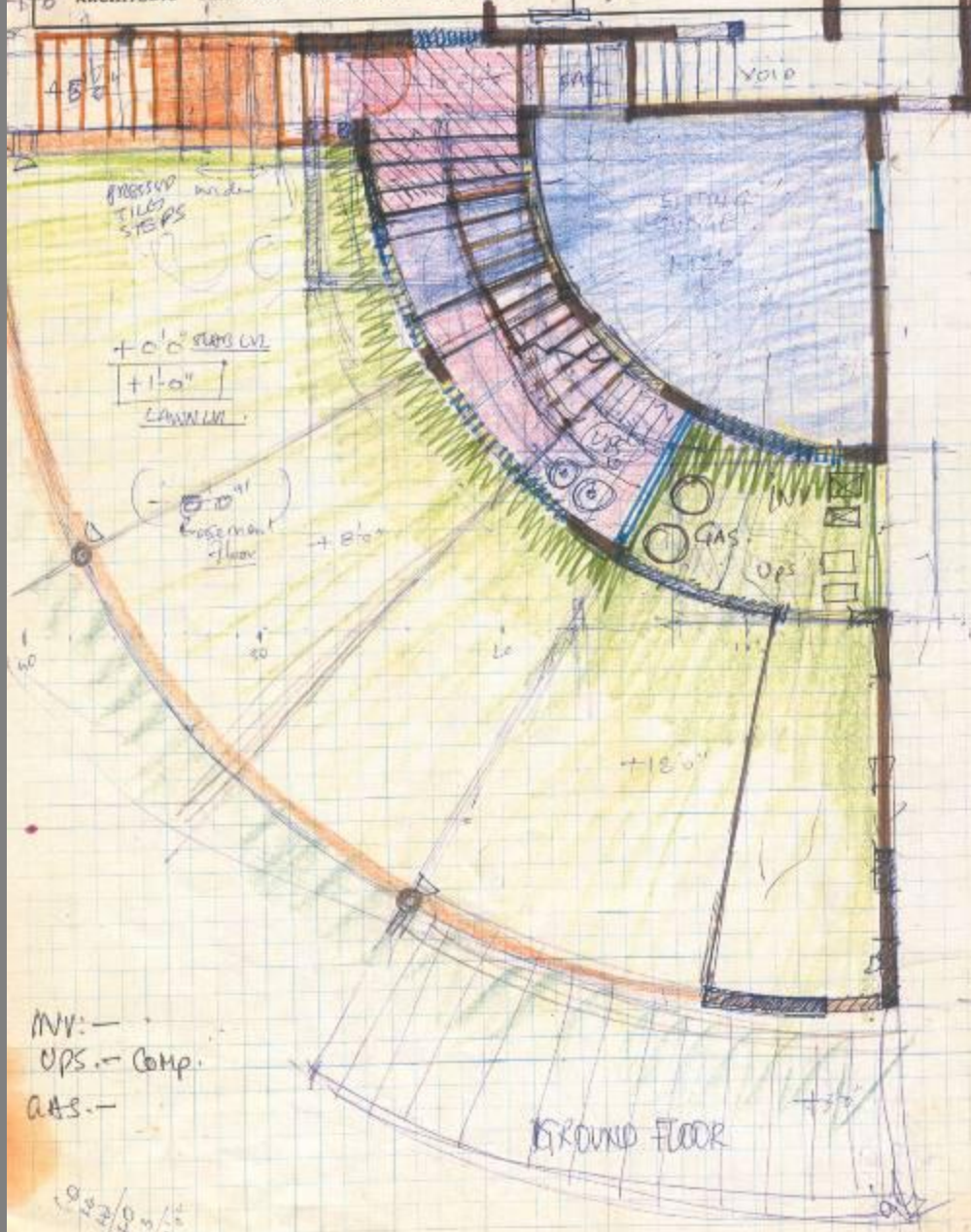
IT'S A PROCESS.....



# JASIM - FOUNTAINHEAD

ARCHITECTS PLANNERS ENGINEERS ECOLOGISTS

800 19/4/91 (4)



- INV. -
- UPS. - Comp.
- GAS. -

GROUND FLOOR

932 / 250 = 3.728
















A scenic landscape featuring a calm lake in the foreground, a dense forest of evergreen trees in the middle ground, and snow-capped mountains in the background under a clear sky. The text is overlaid on the image.

ARCHITECTURE IS ALL ABOUT

SPACE

















CARDS OF HERITAGE

VALUES OF TRADITION

09.03.2010 20:22





2005/09/03





2005/09/03





2005/09/03





2005/09/03





INFORMATION

KNOWLEDGE

WISDOM















TANGIBLE

MATERIAL

INTANGIBLE

ABSTRACT

6/

cas  
May 2002





1015 2576  
KASARADULLU













***NUANCES OF SPACE***

***ITS INTERACTION WITH***

***FIVE ELEMENTS..***













HUMAN BEINGS WERE CREATED

TO ***THINK***



















*MINIMUM RESOURCES*

OPTIMIZATION

*MAXIMUM OUTCOME*















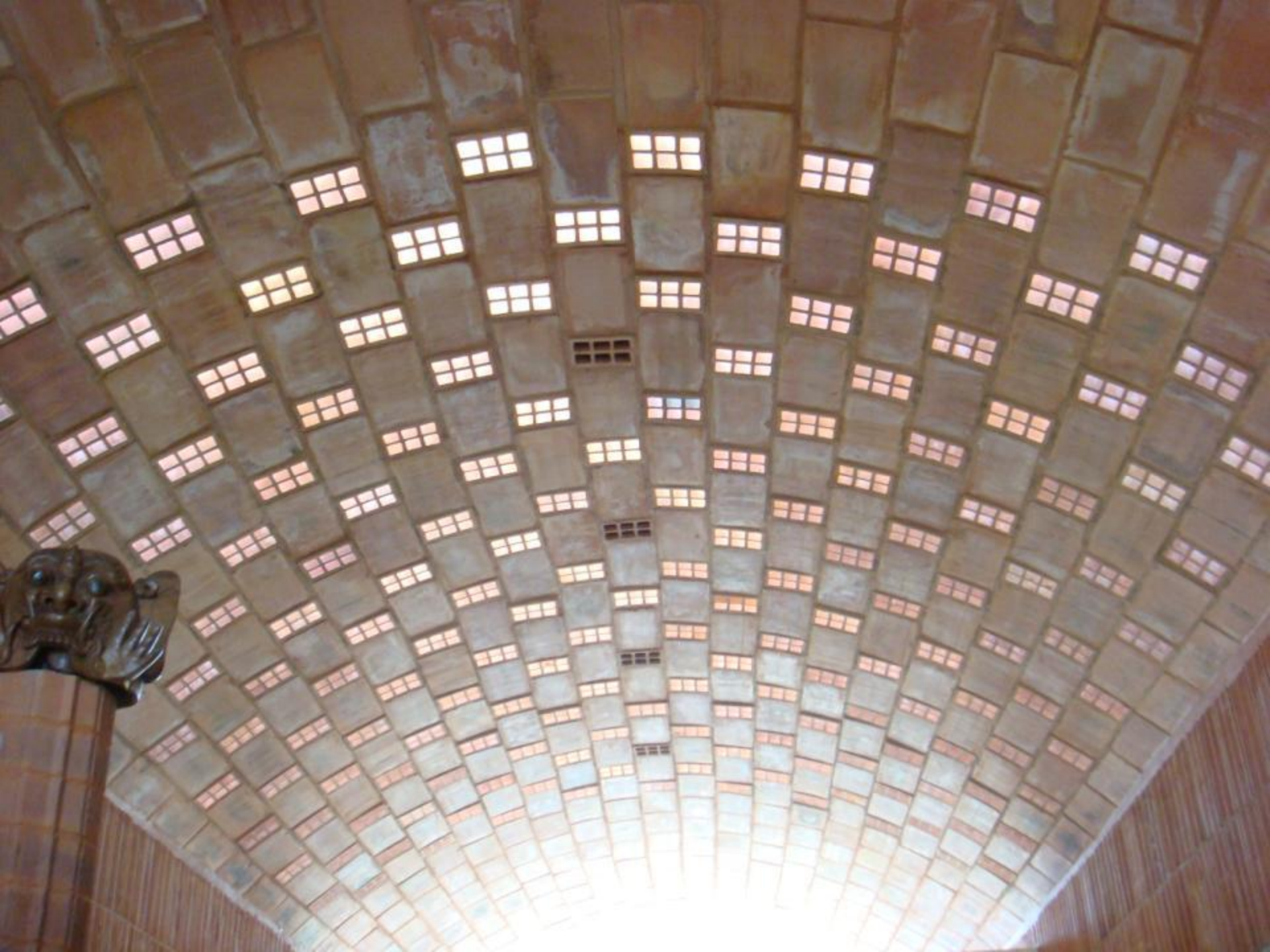






























*Nature never mocks.*

*It always teaches.*











DRESS

STUDY

TOILET

BED ROOM

BAR



COURT

LIVING

FOYER

KITCHEN

VISITORS TOILET

FAMILY LIVING

DINING

UTILITY

STOVE

DECK













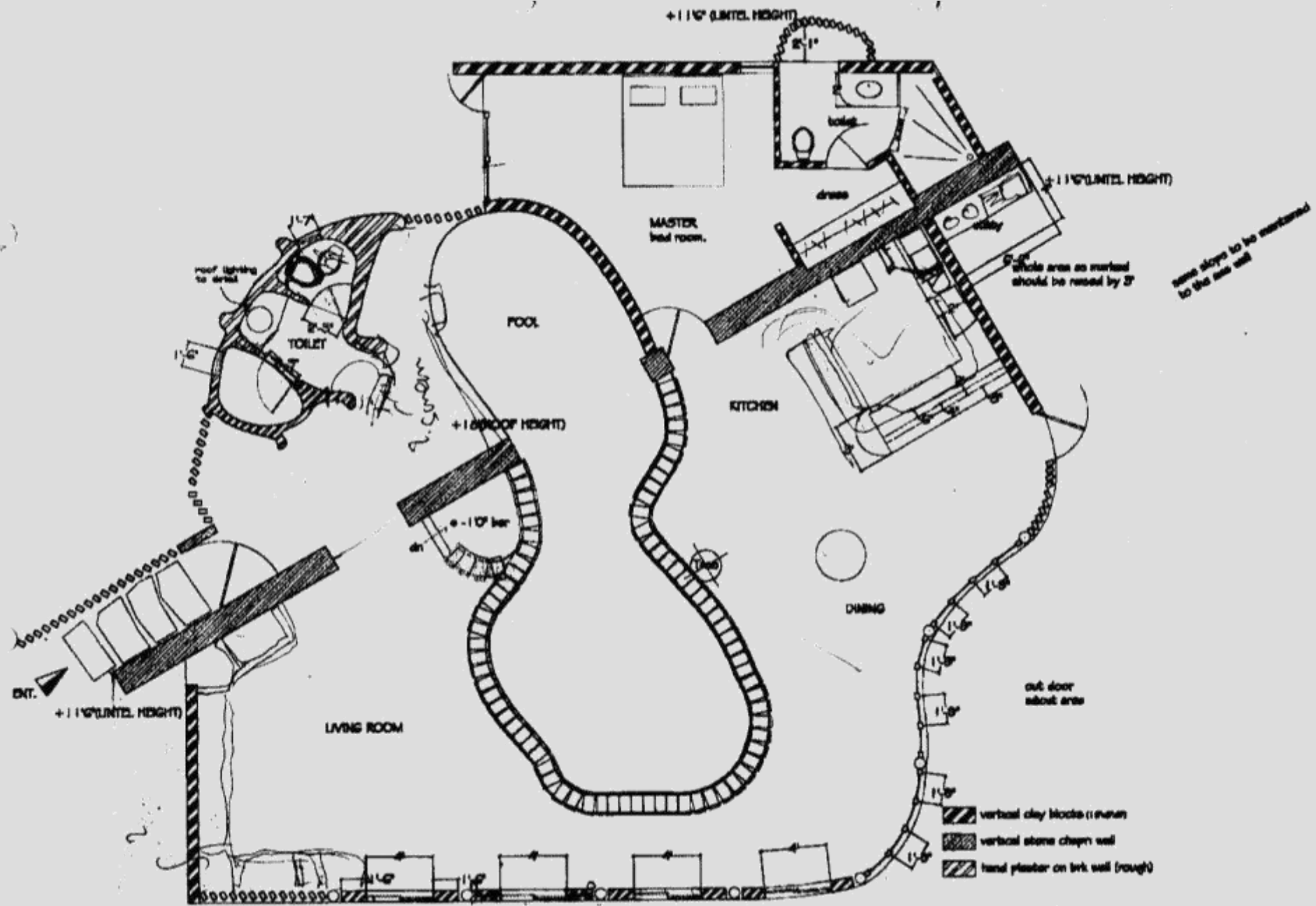






THE FIVE ELEMENTS *AND* THE FIVE SENSES

*SHALL* ALWAYS PATROL *THIS* ENVIRONMENT



PROPOSED RESIDENCE LAYOUT FOR Mrs. ABRAHAM

JF  
08.07.01



























Objective is not to just SURVIVE

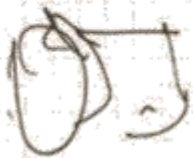
but to LIVE

LIVE WELL for the FUTURE to thrive

sun at Arghimukh  
varn

west land  
K.W. hands

Season



Pots 12

map paper

semi  
shell

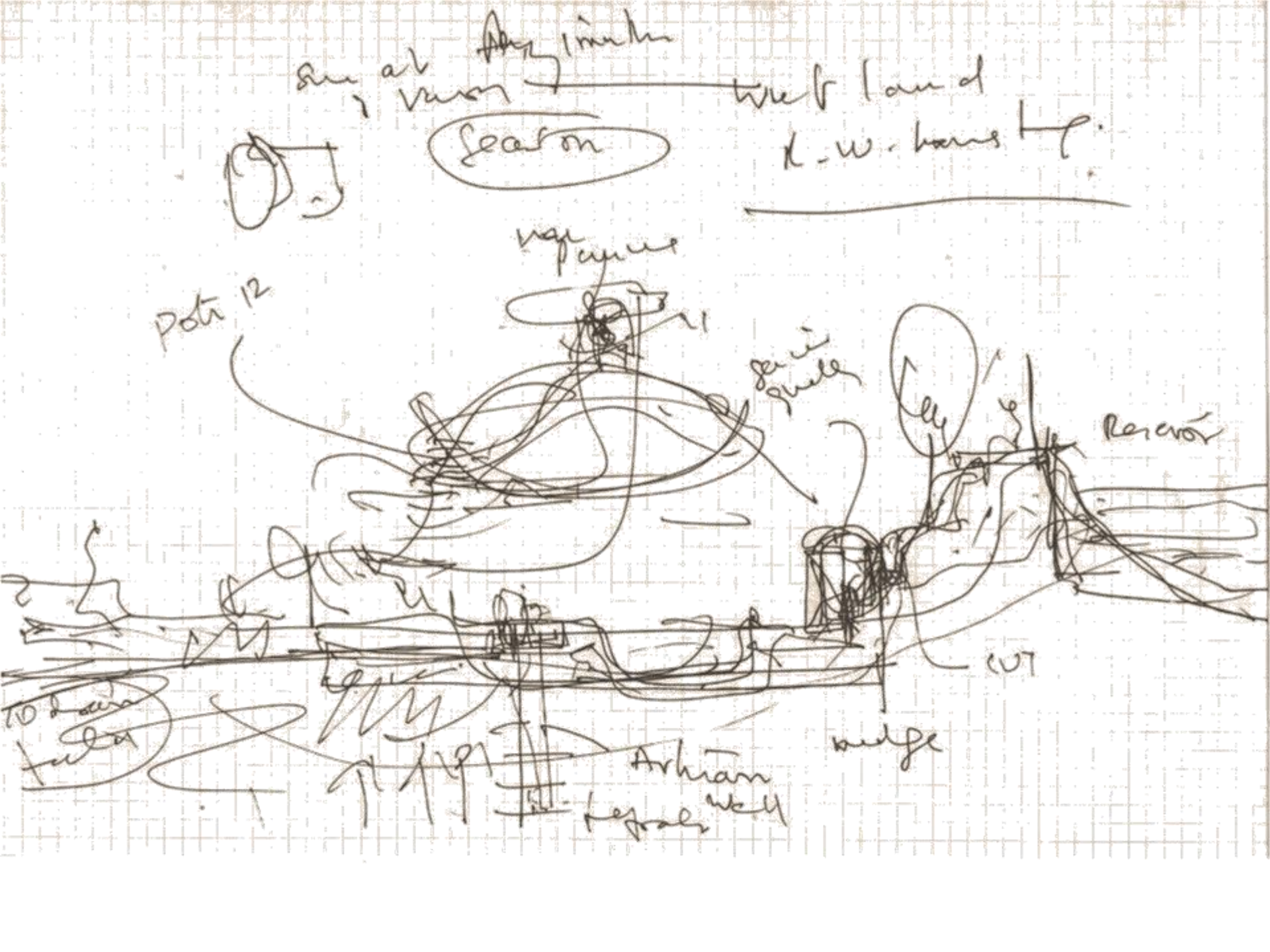
Reservoir

CUT

ridge

Arhian  
pepals well

TO Laura  
Tula







SANKALP























2007 9 3









ARCHITECTURE

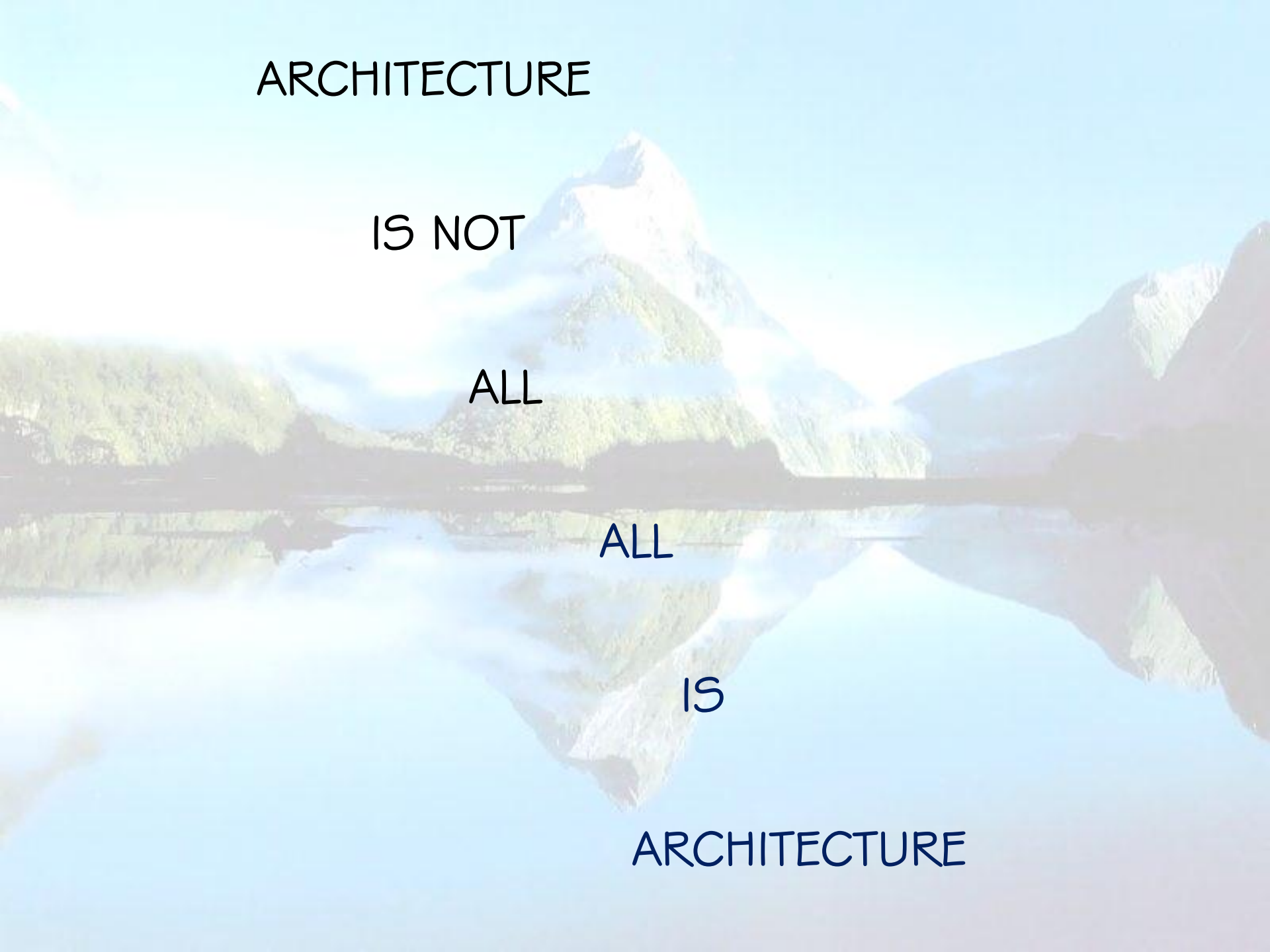
IS NOT

ALL

ALL

IS

ARCHITECTURE























“HASTE MAKES WASTE.

WASTE MAKES WEALTH.”





WELCOME TO THE PLANTS





























A lush green forest with a stream flowing over mossy rocks. The water is white and foamy as it cascades over the rocks. The surrounding vegetation is dense and vibrant green.

“WINDOWS OF OPPURTUNITY.

DOORS OF ADVENTURE.

JOURNEYS OF ACHIEVEMENT.”



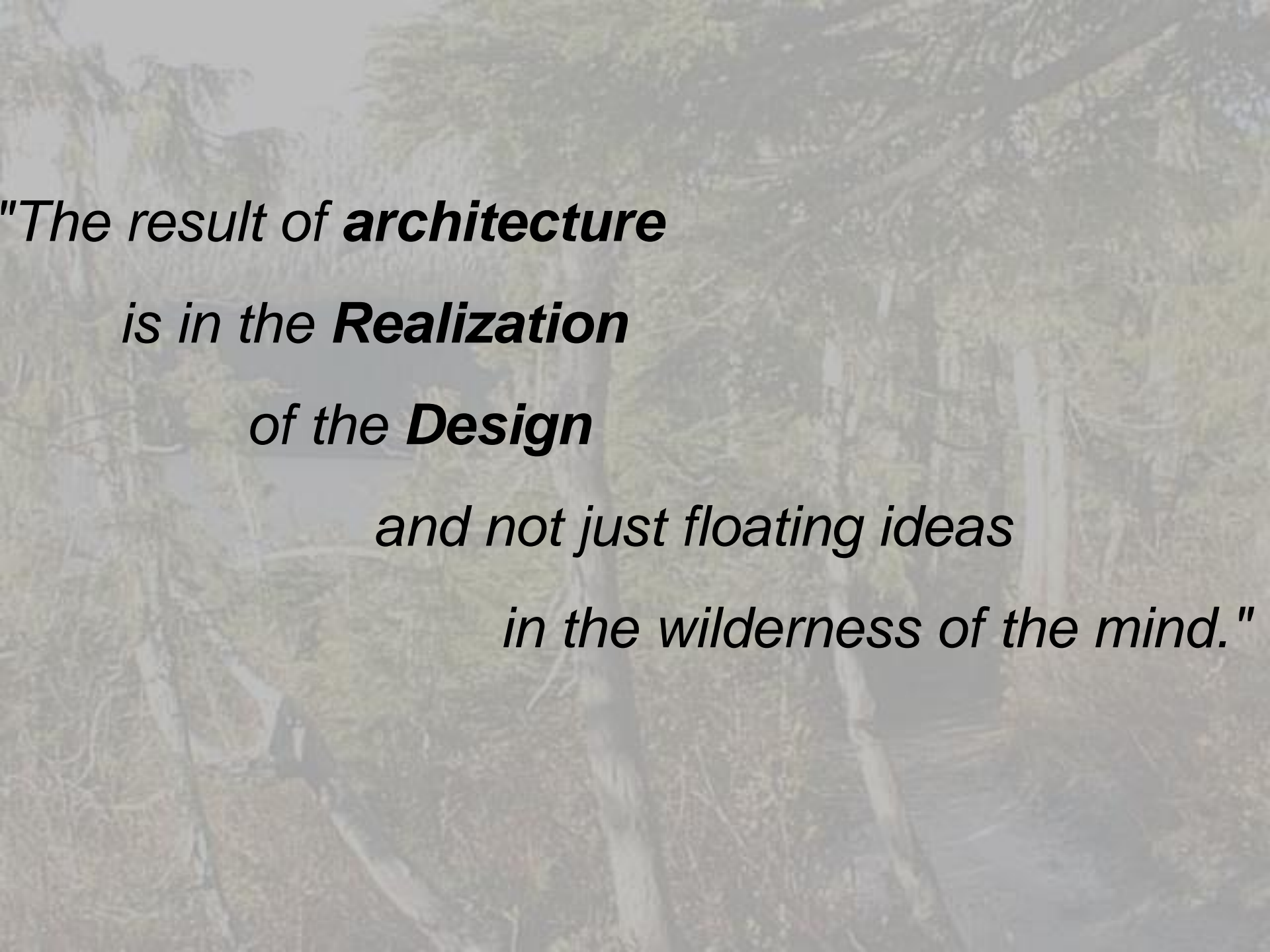












*"The result of **architecture**  
is in the **Realization**  
of the **Design***

*and not just floating ideas*

*in the wilderness of the mind."*
































OPPORTUNITY TO **LIVE.....**

AND

**LIVE BETTER**

























Elements

Material

Structure



























DIFFERENCES

AND

DIFFERENCE

IS WHAT MAKES

LIFE CREATIVE

































The GENIUS of the Human  
Individual is to question












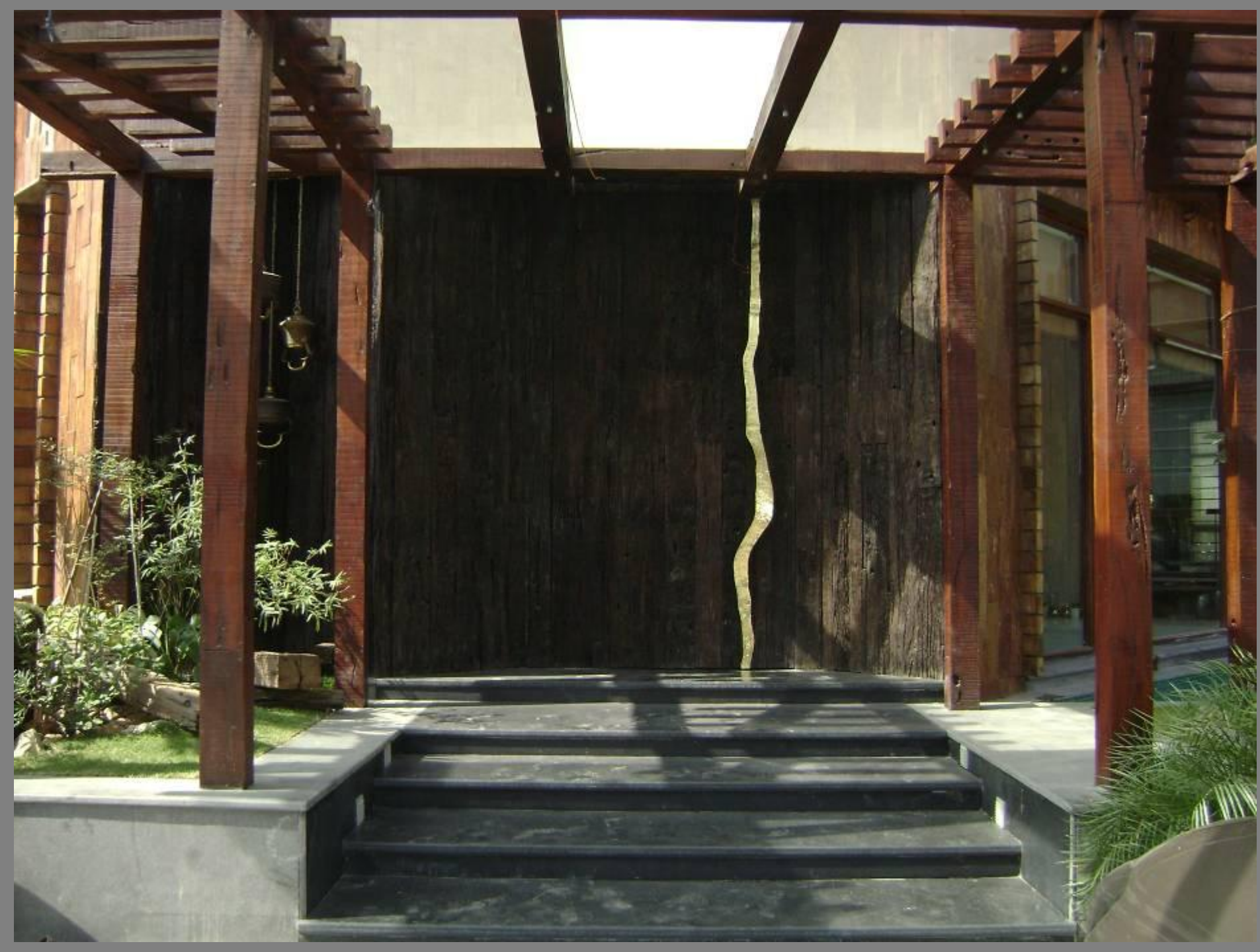


A blurred background image of a tree-lined path in autumn, with the text "ARCHITECTURE LIES IN DETAILS" overlaid in the center.

ARCHITECTURE LIES IN DETAILS













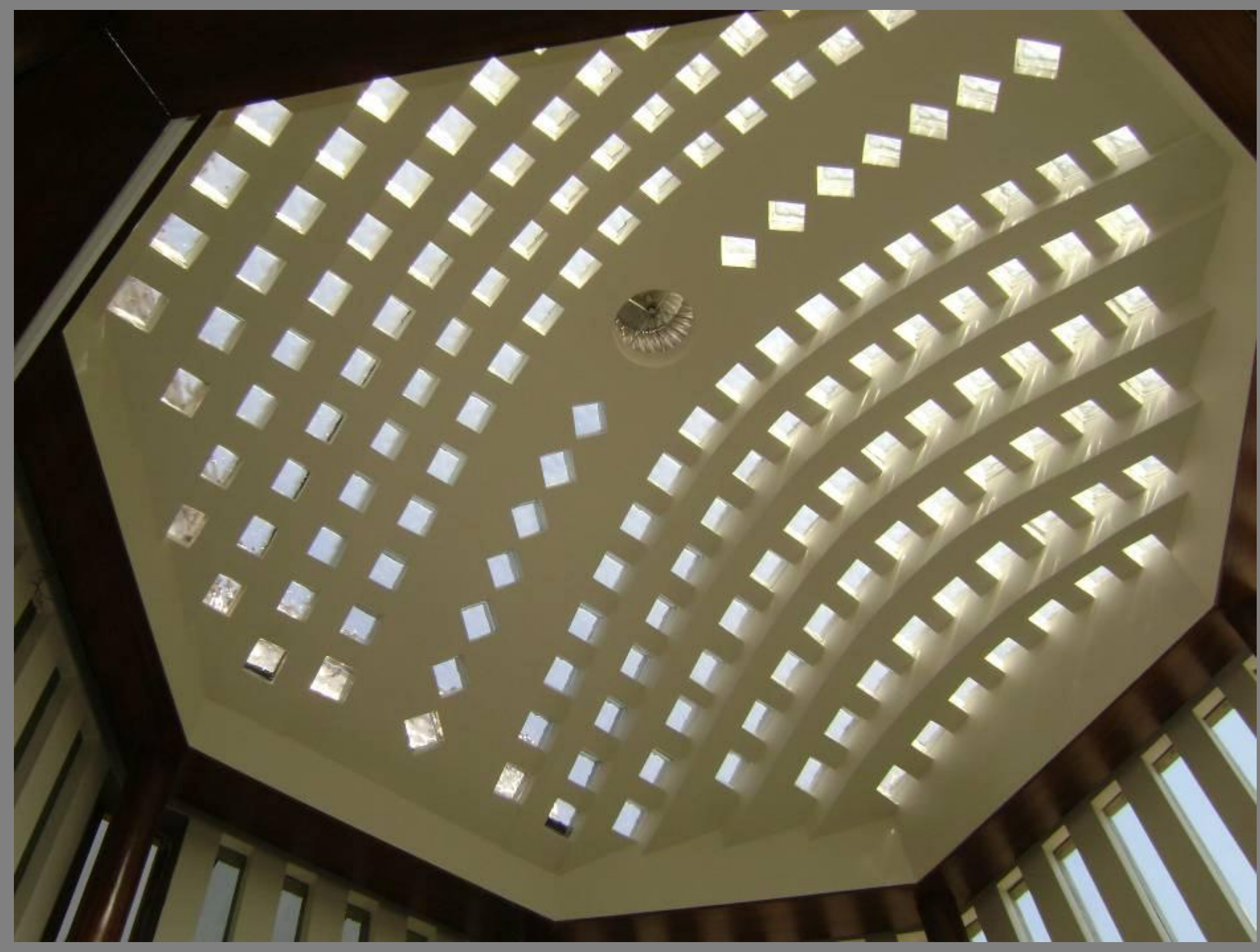












A blurred background image of a forest with a path leading to a body of water. The text is overlaid on this image.

SPACE DEFINED BY DECISIONS.....

DECISIONS *DEMAND* DESIGN





02.10.2010 12:36



02.10.2010 12:37





02.10.2010 12:41



02.10.2010 12:43





02.10.2010 12:41



02.10.2010 12:45



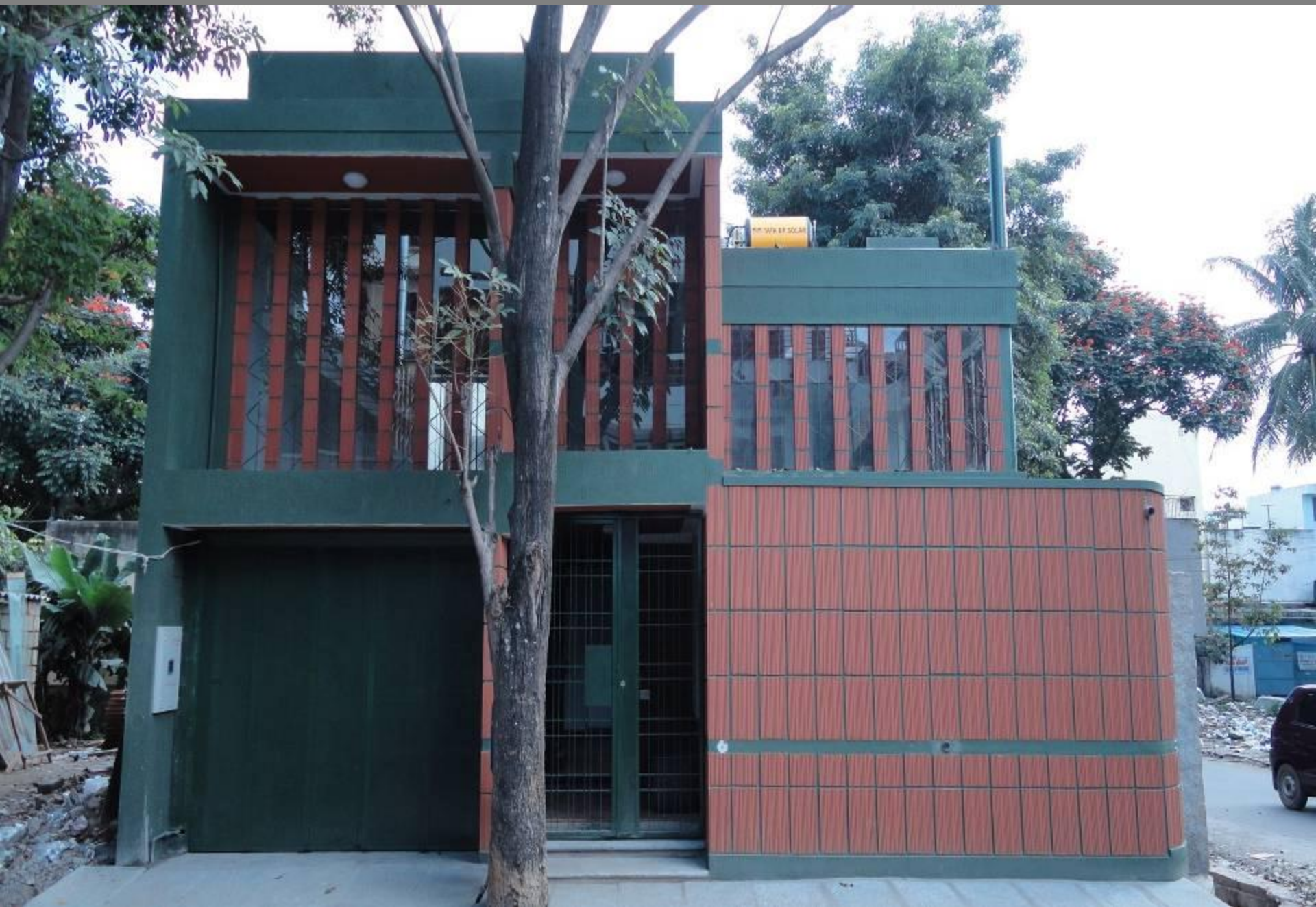


02.10.2010 12:55



“THOUGHTS MUST HAVE SILENCES...”

























***VISIONS***

***TO***

***REALITY***































*REALIZATION OF*

*DESIGNED SPACE..*





12















A misty autumn forest scene with trees in shades of orange, red, and yellow. The ground is covered in fallen leaves, and the atmosphere is soft and hazy.

THERE CAN BE NOTHING

THAT CAN BE COMPLETED



# SUshruta VISHaranti DHAMA

A Village to Retire in peace, harmony and serenity

Drive away from the hub off the city buzz on the Kanakapura Road, South of the ever expanding Bengaluru City. About Fifteen kilometers away turn left and pass under the controversial NICE six lane ring road and suddenly Nature breaks out with a thrilling welcome.

Situated in an exotic valley overlooking a mountain range from where the SUN rises in all its majesty, and shielded from the harsh setting Sun by the shoulders of the hills, The Site slopes down towards a large sea of water before which is an artificial lake fed by rain water streams which forms the focus of the Suvridha village.



Here where once Leopards and Elephants roamed not so long ago will roam in peace the mentally active but physically restrained denizens. Yet they will not miss one habit of their past which have made them what they are today. Mostly achievers of some sort or other in their fields and proud to have done so and come here to bask in glory of the past and tell tales to their fellow habitants and the young who will come to visit and partake in the various activities

Jaisim Fountainhead Projects private limited  
bengaluru



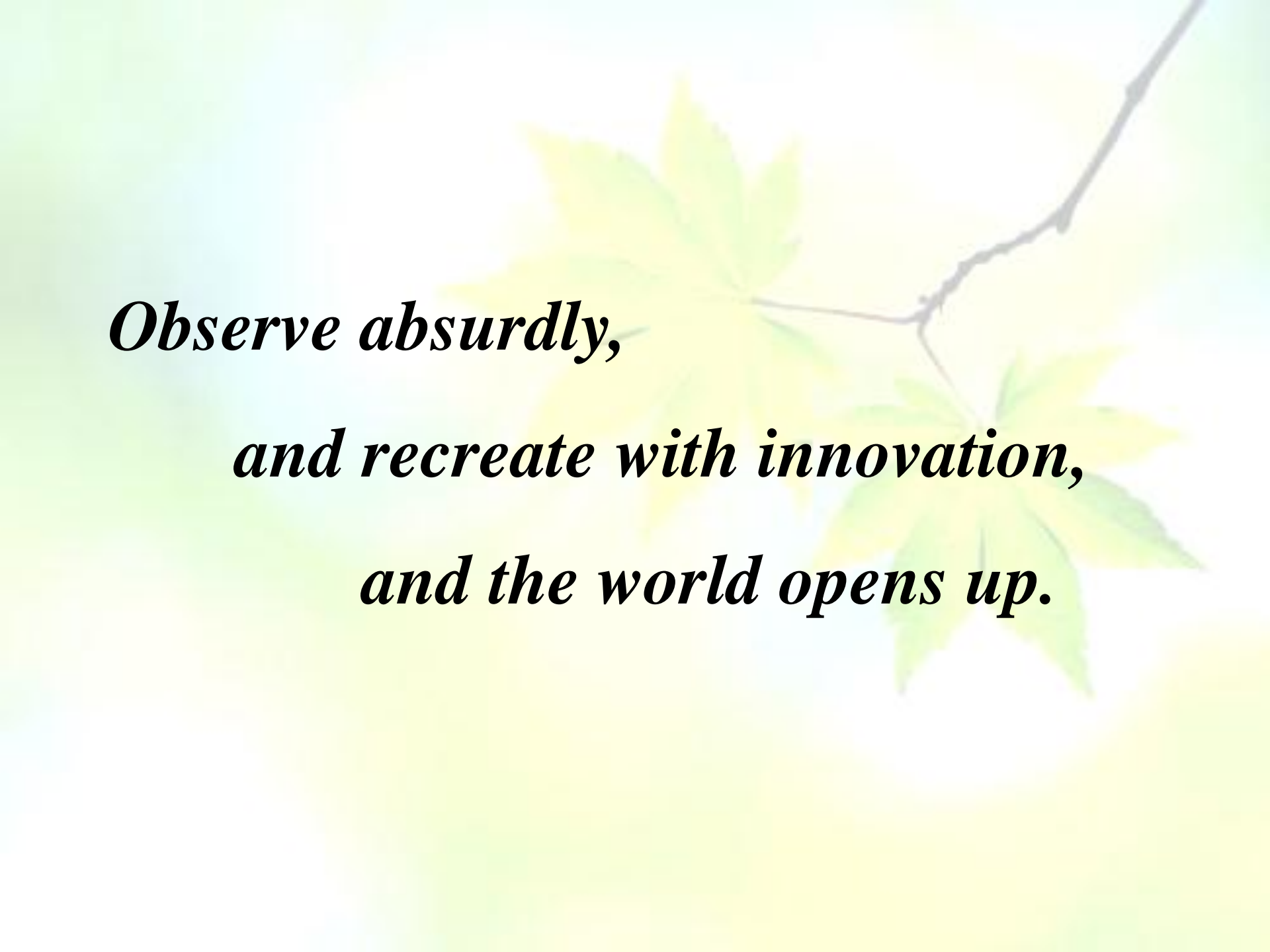






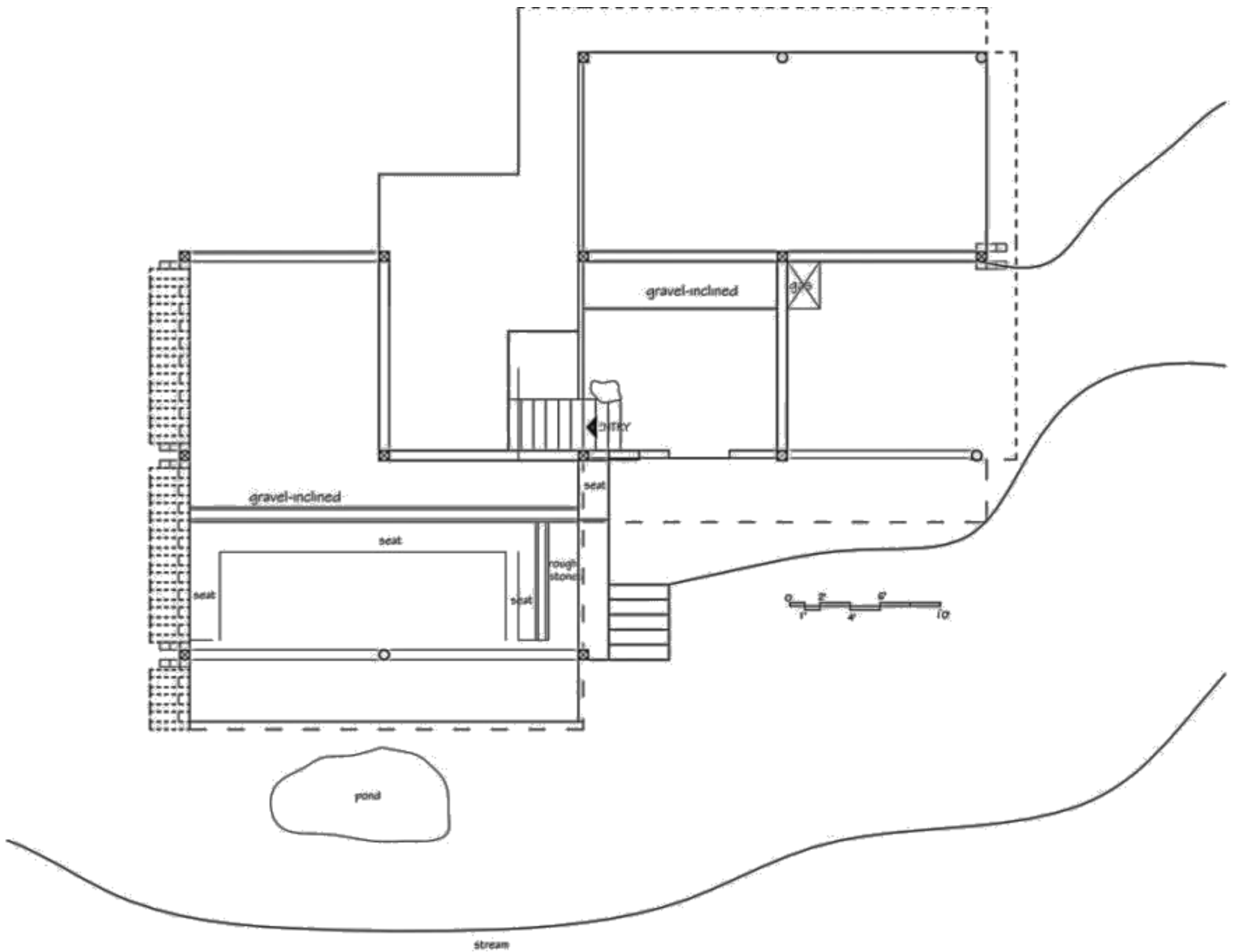


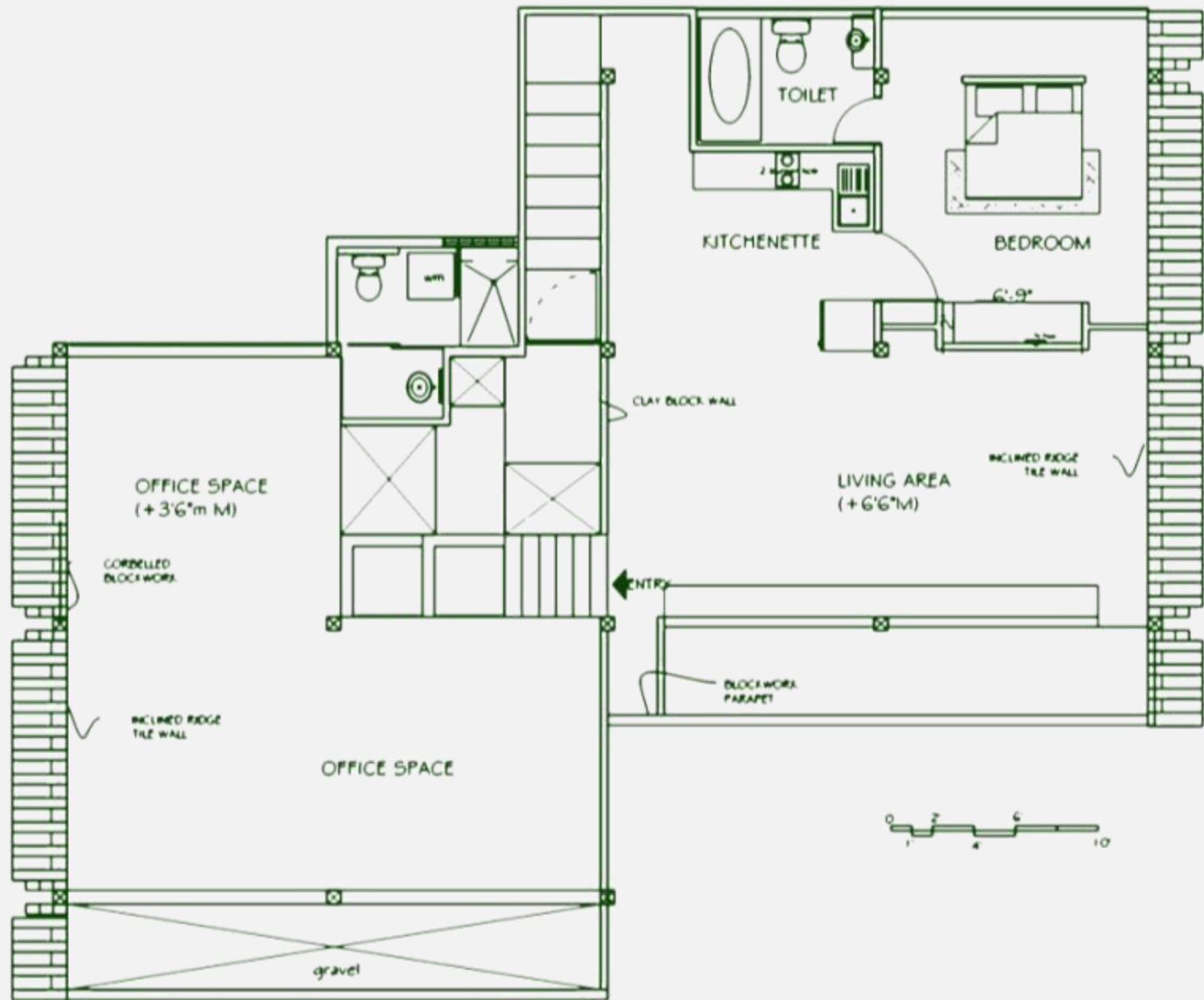




*Observe absurdly,  
and recreate with innovation,  
and the world opens up.*























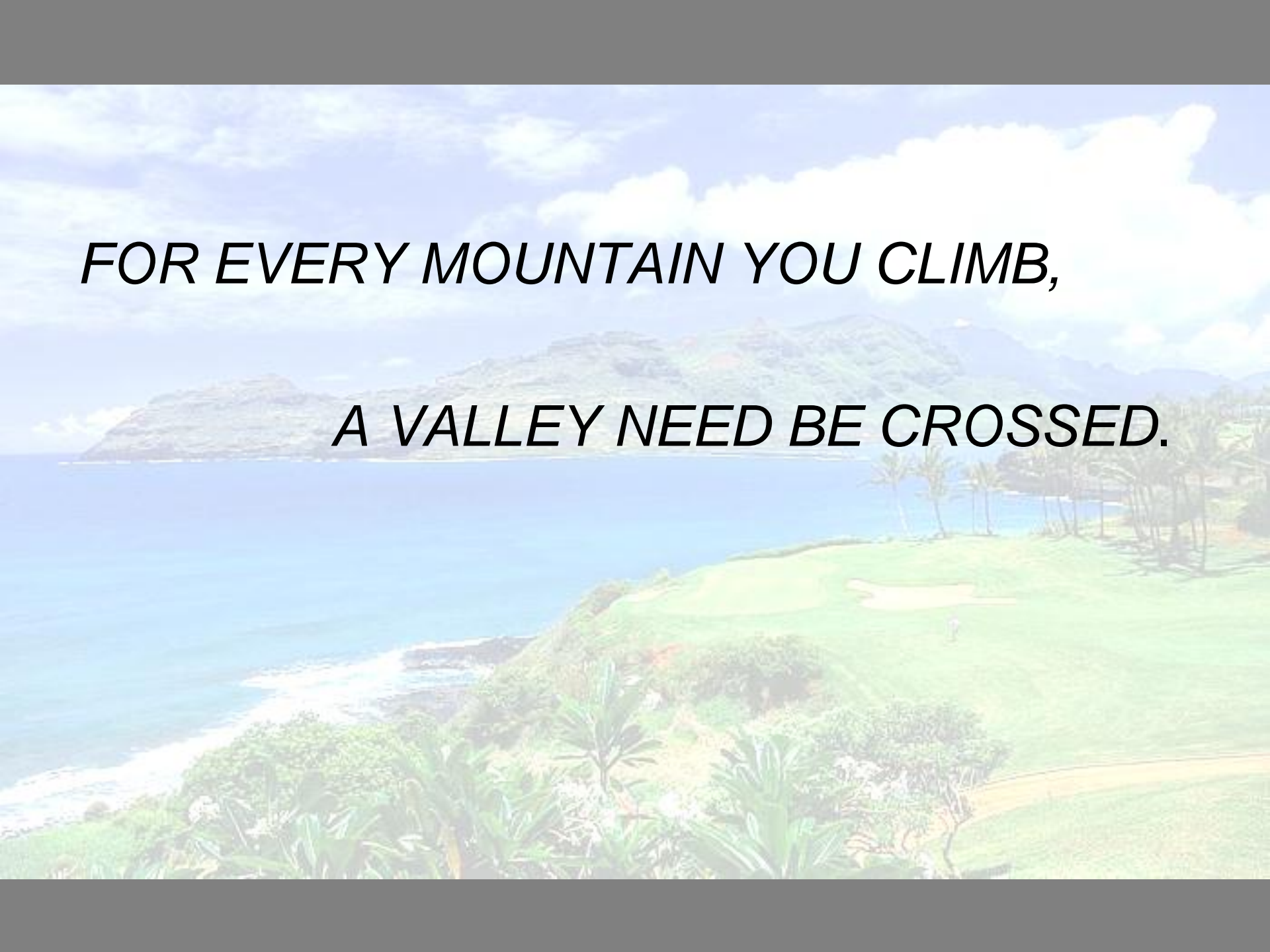


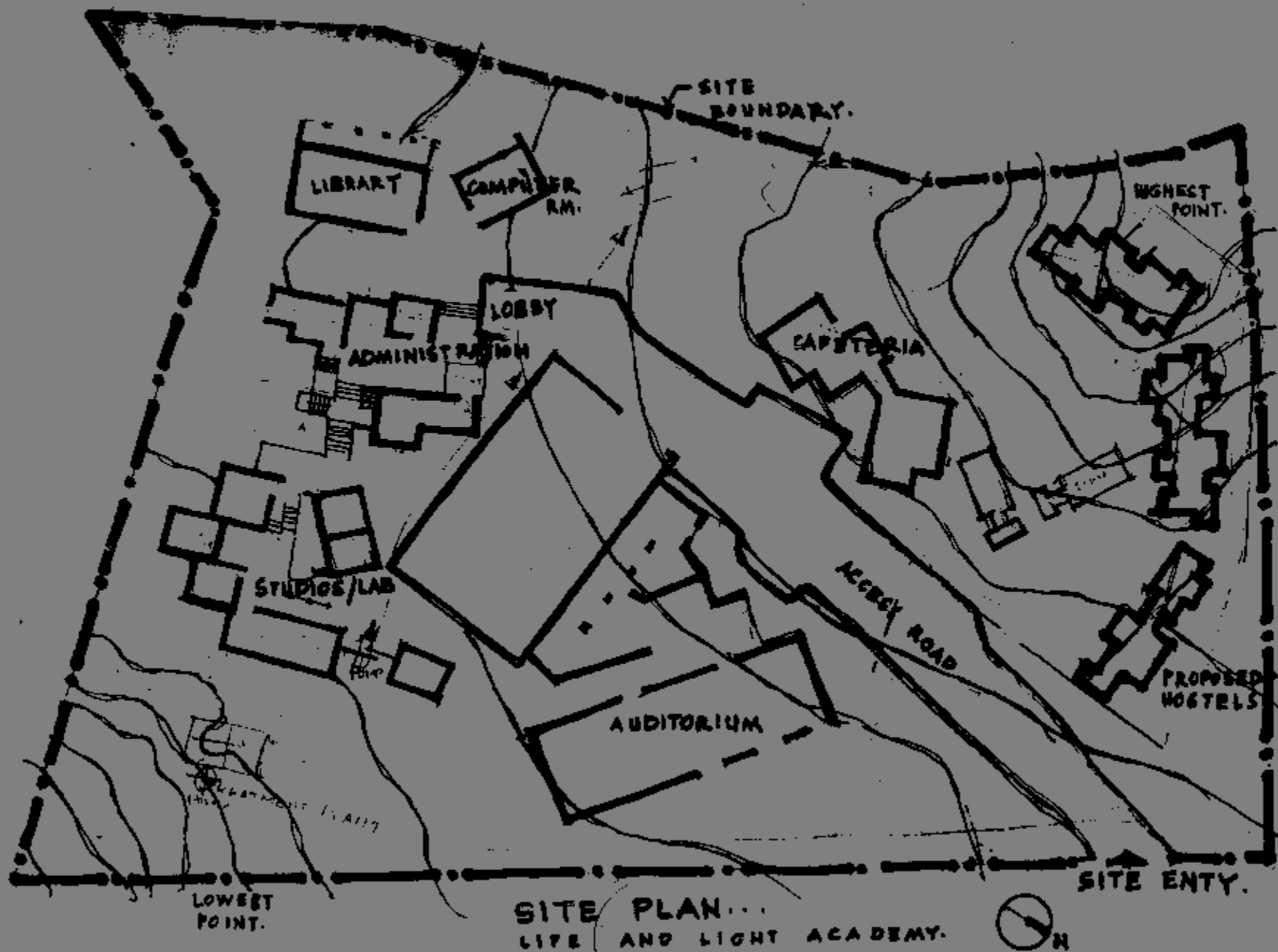




*FOR EVERY MOUNTAIN YOU CLIMB,*

*A VALLEY NEED BE CROSSED.*











































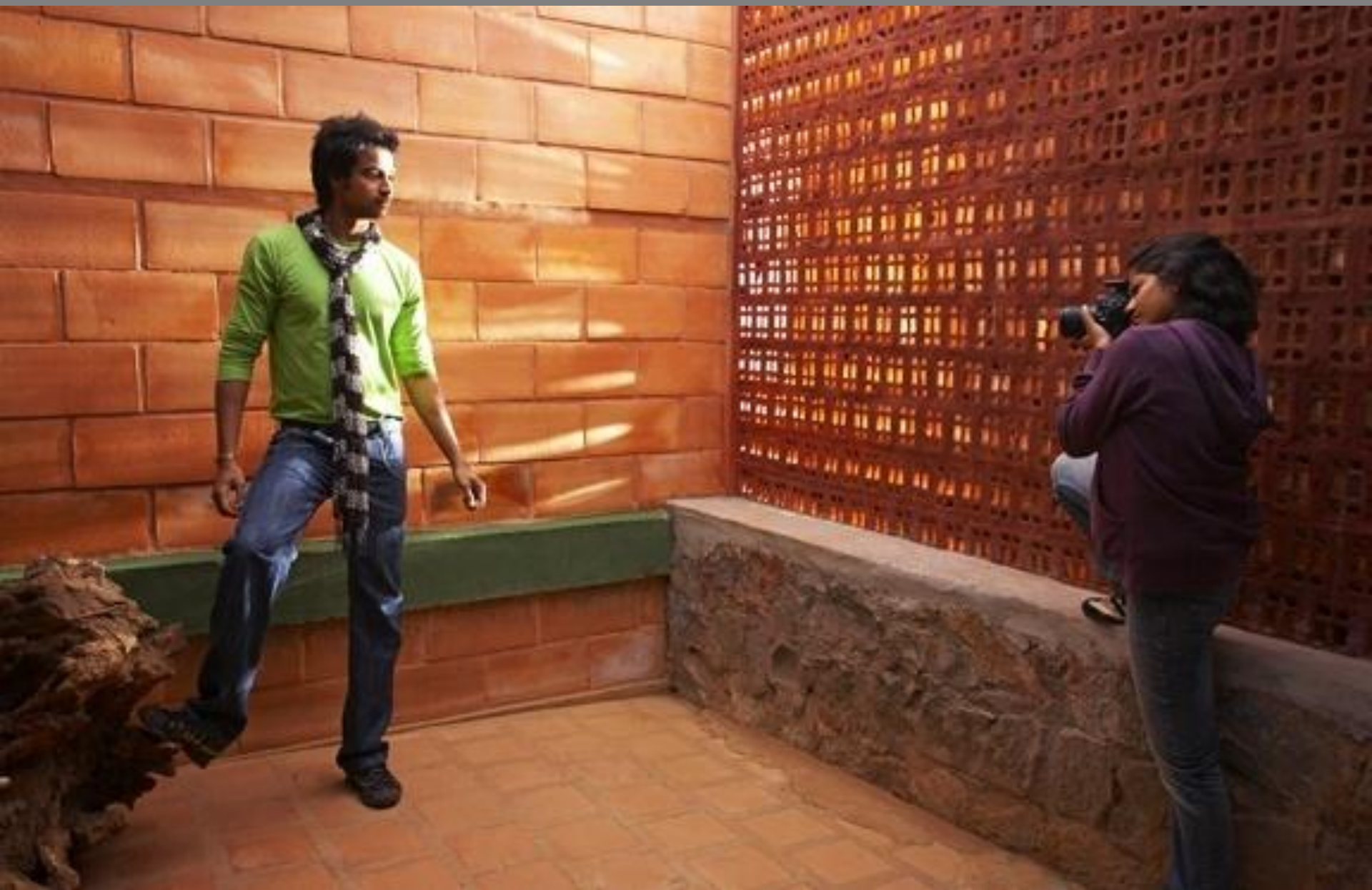
























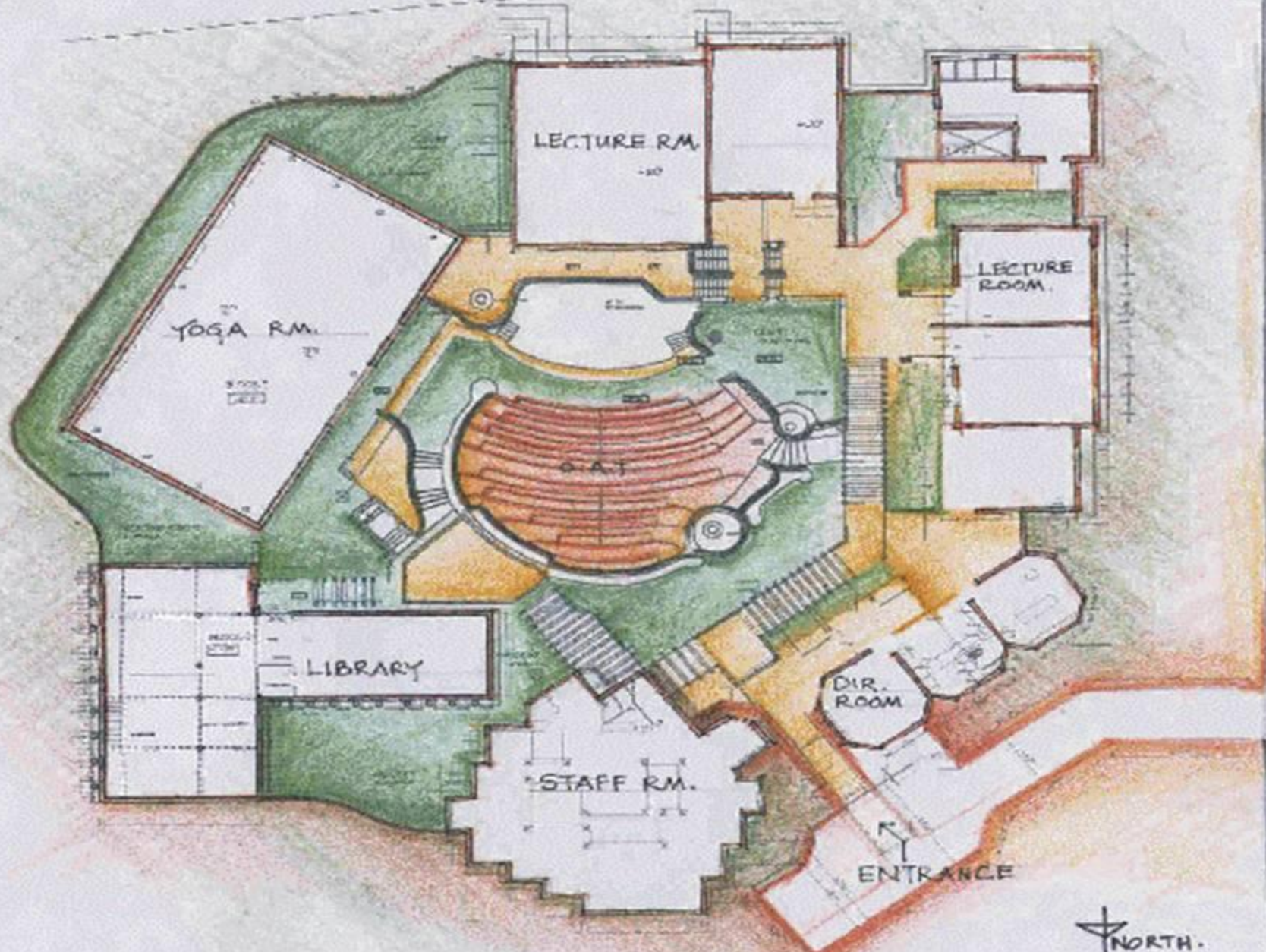
A photograph of a forest stream. The water is clear and flows over rocks, creating small ripples. The banks are covered in dense green vegetation, including ferns and other plants. Tall, thin trees stand in the background, their leaves filtering the sunlight. The overall atmosphere is peaceful and natural.

The ***goal of architecture***

is to provide the human being with

***spaces to live***





LECTURE RM.

YOGA RM.

LECTURE ROOM.

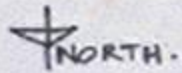
A.T.

LIBRARY

STAFF RM.

DIR. ROOM

ENTRANCE



FACULTY OF MANAGEMENT,  
S.I.T., TUMKUR.





GRADUATE INSTITUTE  
OF  
MANAGEMENT





































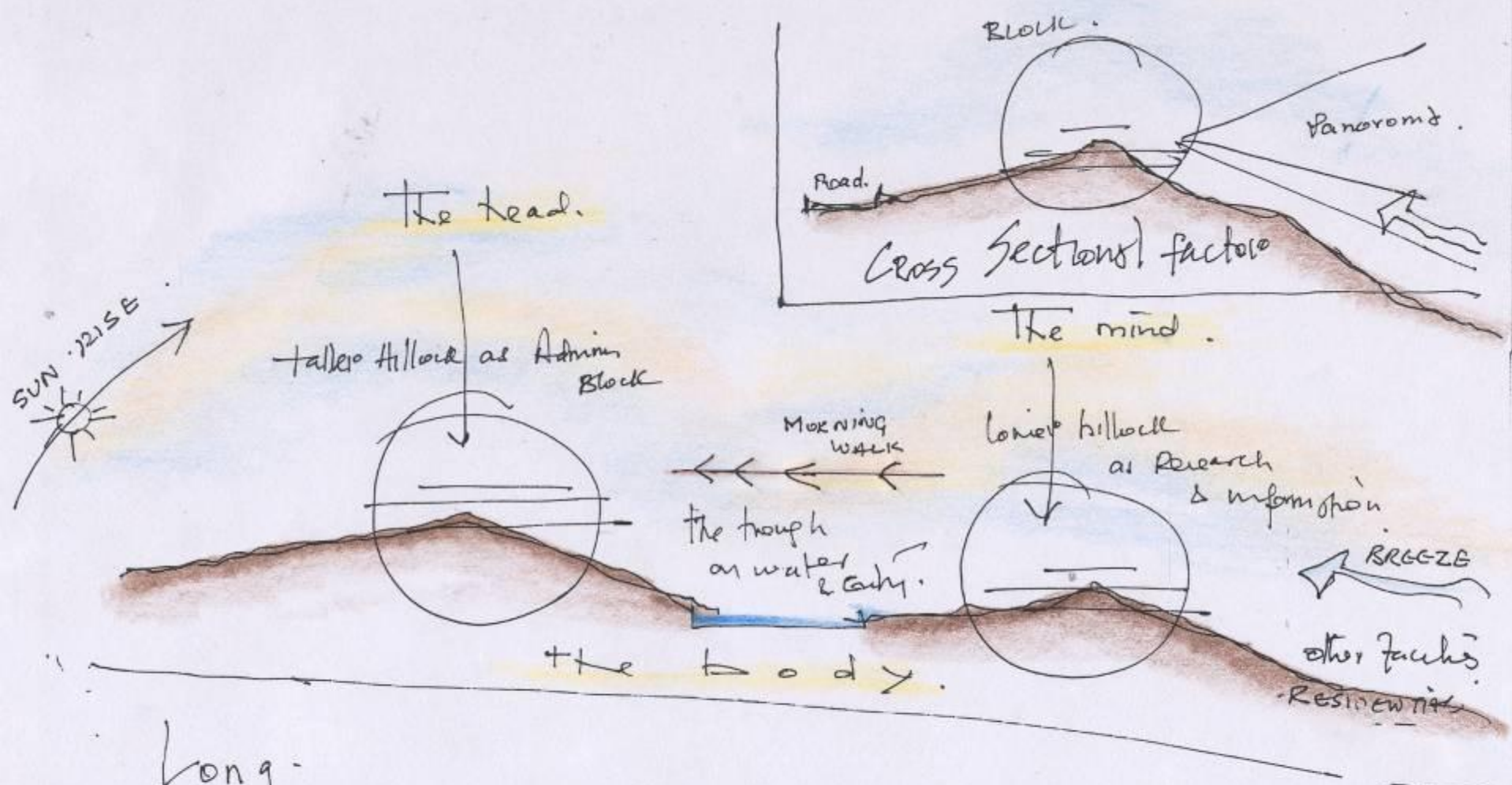




**“CONTENT & CONTEXT”**

09.03.2010 20:22





Long -  
 - Sectional -  
 - factor

The Saddle

First -  
 - Inspirations













INDIAN INSTITUTE OF PLANTATION MANAGEMENT





































KNOWN FORMS DISAPPEAR

NEW FORMS EMERGE

@SIDCLIX





















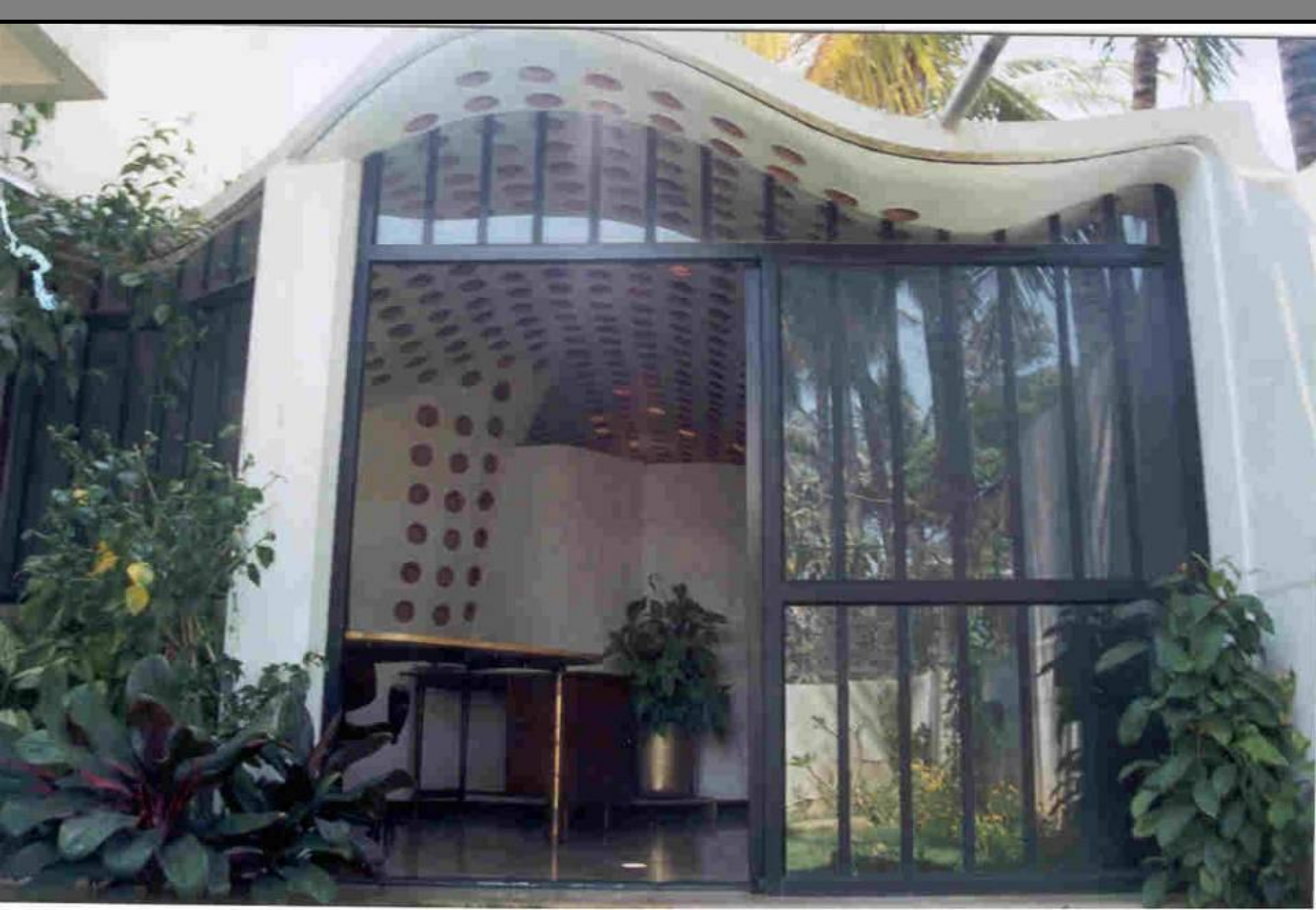
PRINCIPLES OF GRAMMAR

HAVE NEVER CHANGED

*EXPRESSIONS HAVE*



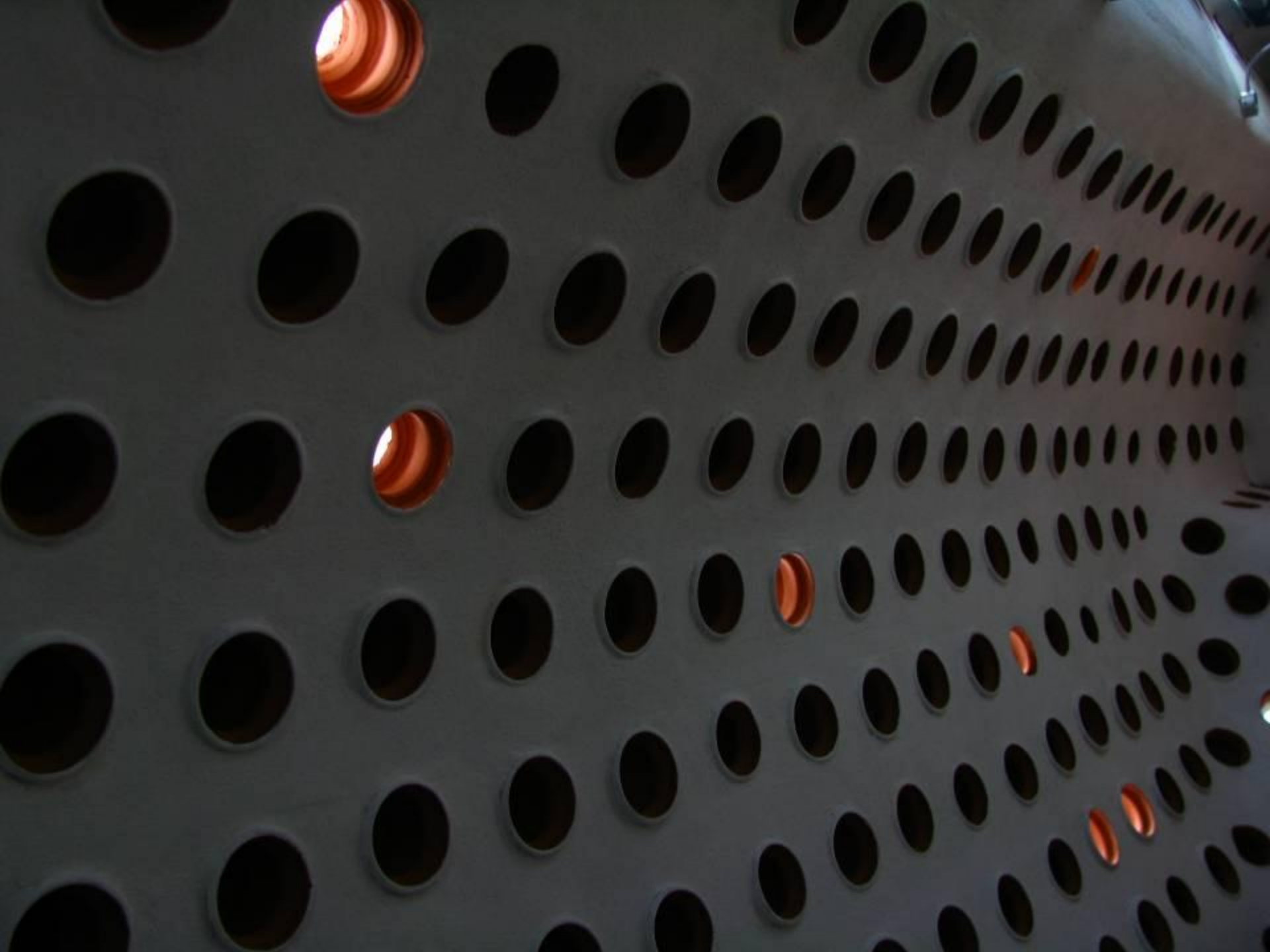














A scenic landscape featuring a wide river in the foreground, a dense forest of evergreen trees in the middle ground, and snow-capped mountains in the background under a clear blue sky. The text is overlaid on this background.

THE PENCIL,

THE COMPUTER

ARE ONLY TOOLS.

*THE MIND IS ABSOLUTE*

YET IT CAN ACHIEVE LITTLE WITHOUT TOOLS

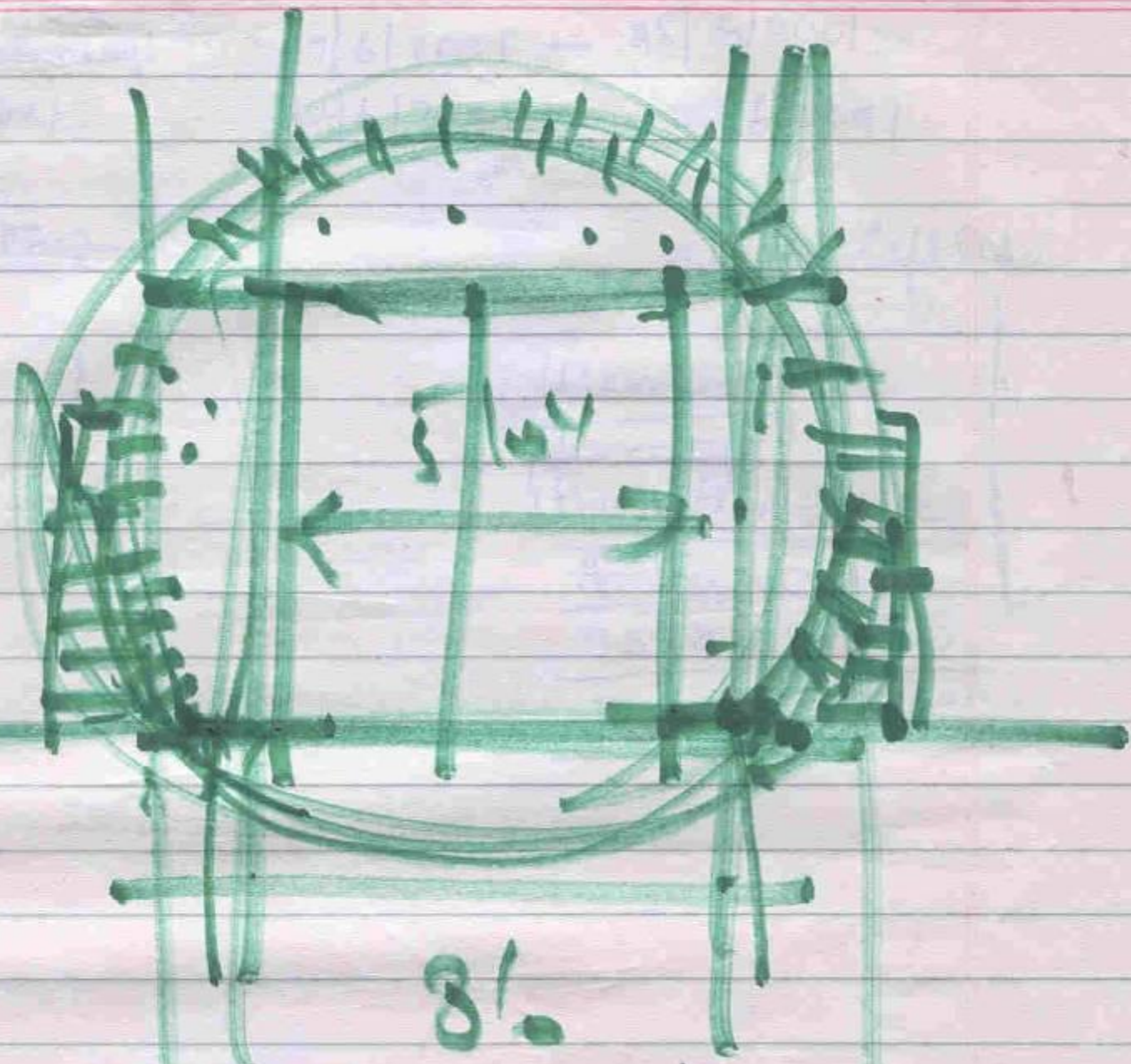








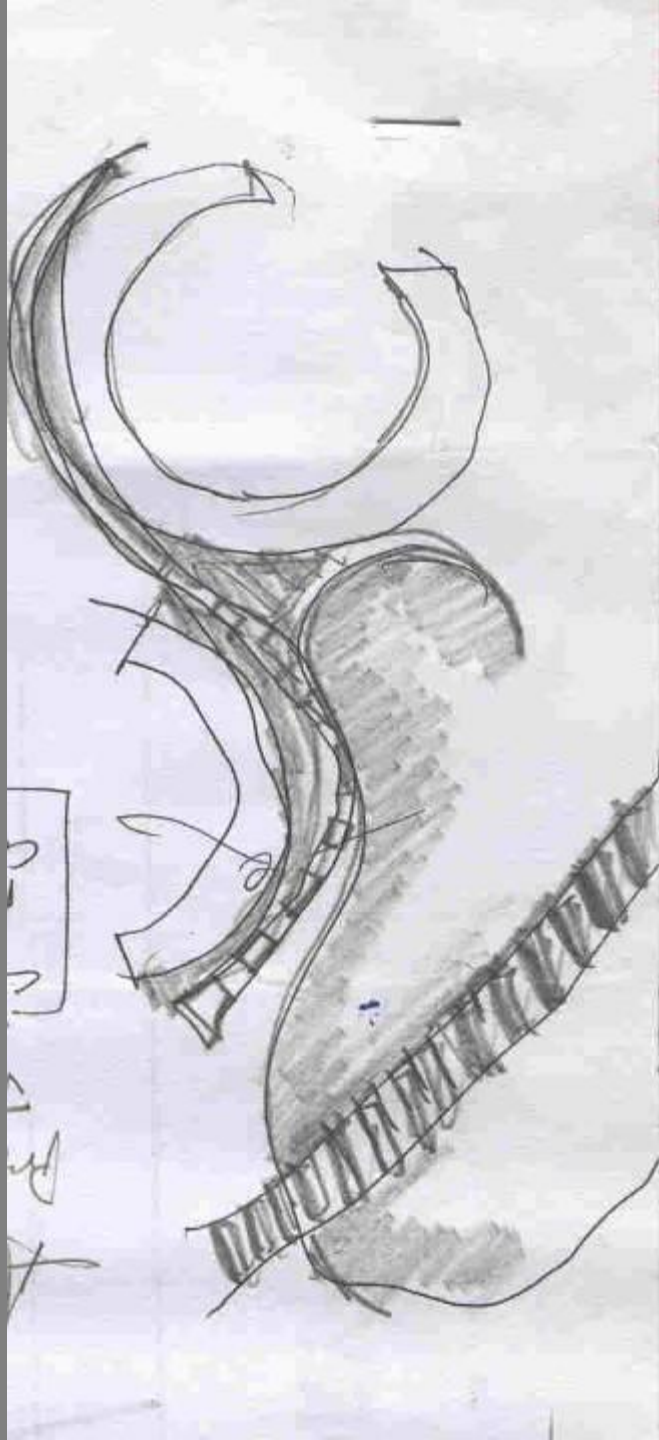




81.

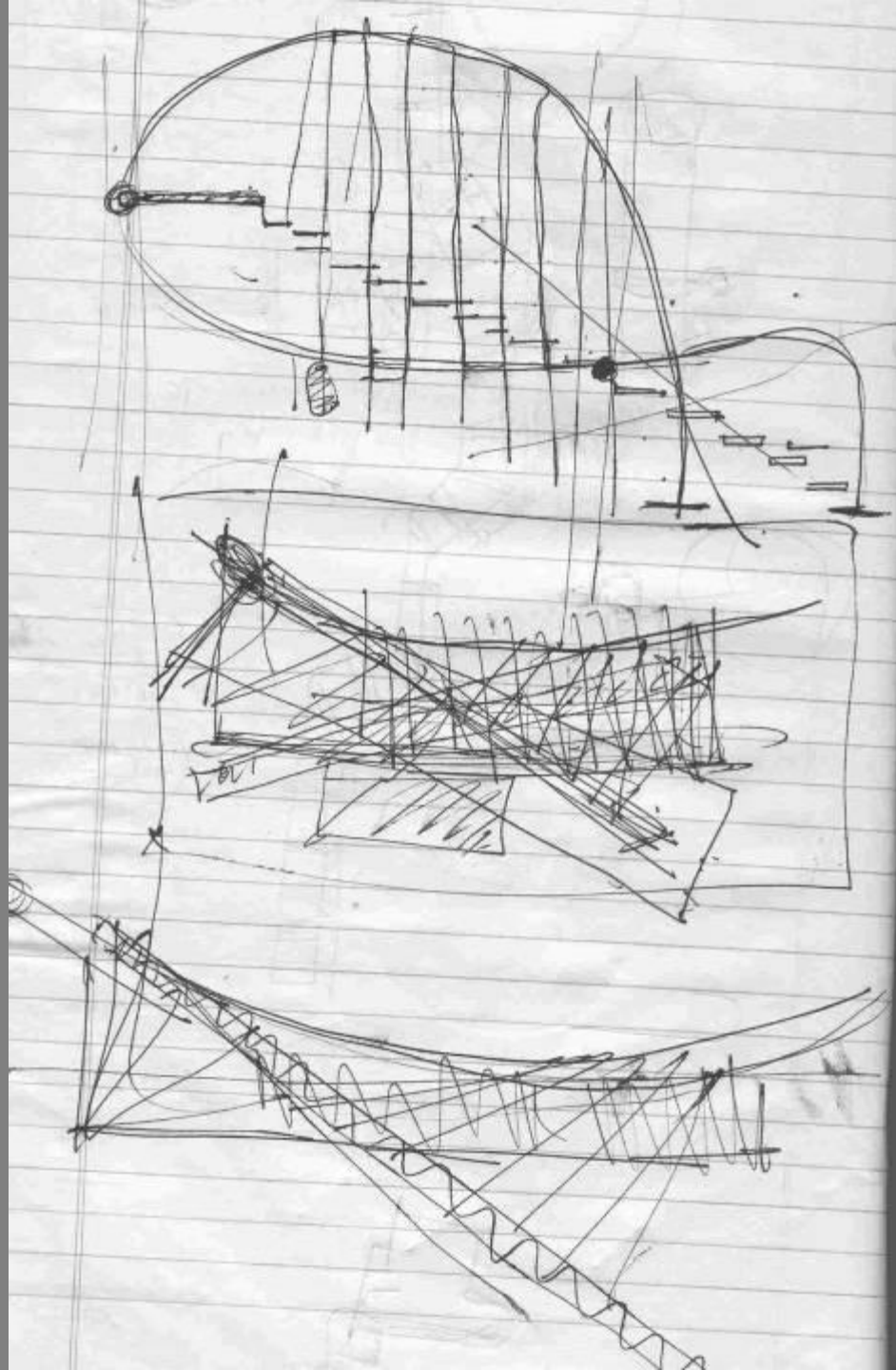
































॥ Siddhi ॥



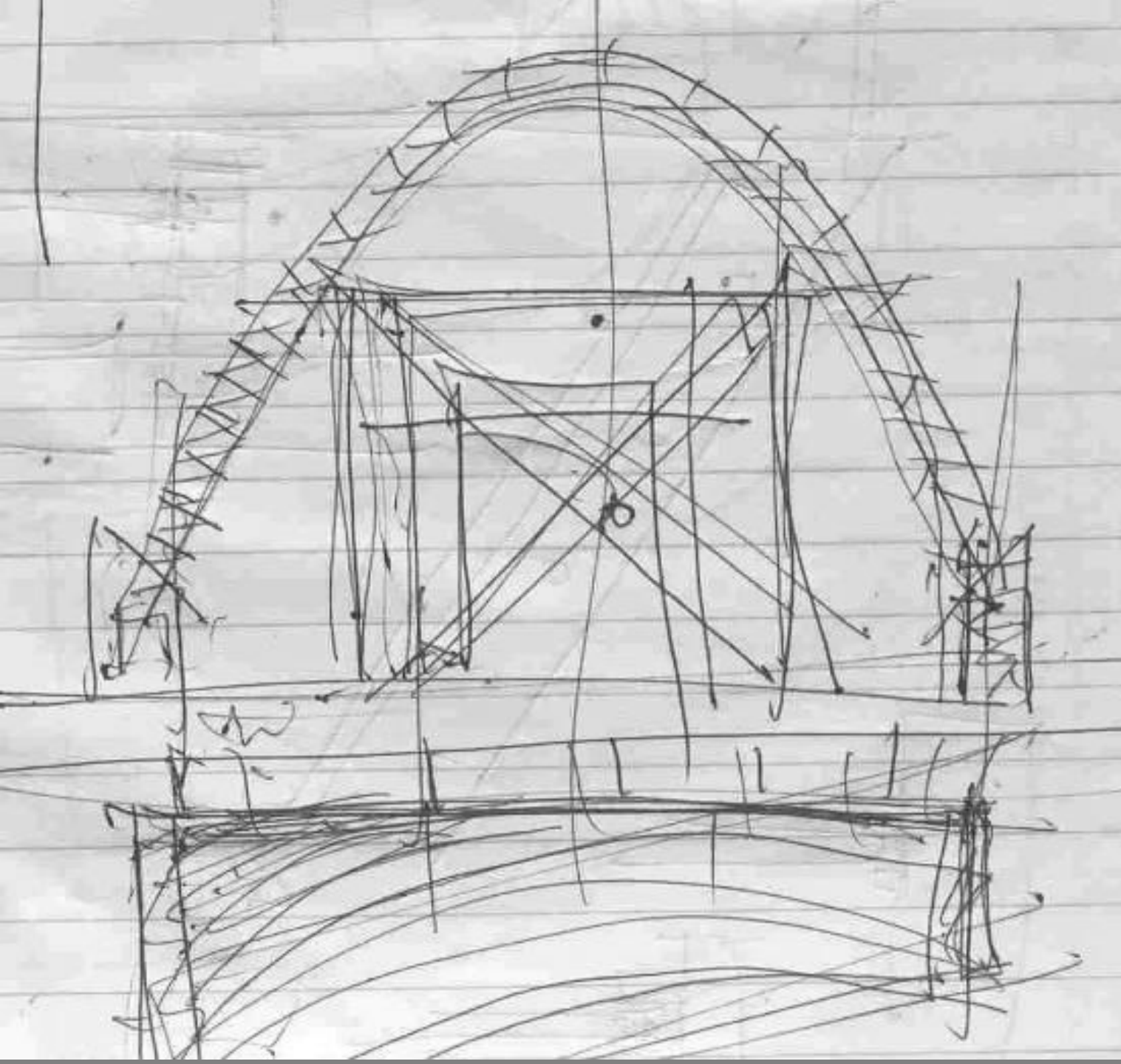






















The image features two pink tulips in bloom, positioned in the lower half of the frame. The tulips are slightly out of focus, with a soft, ethereal quality. The background is a uniform, light green color with a subtle gradient, creating a calm and serene atmosphere. The text "DEFINING THE DEFINED" is centered horizontally across the middle of the image, enclosed in quotation marks and rendered in a bold, black, sans-serif font.

*“DEFINING THE DEFINED”*







PRISTINE FOCUS







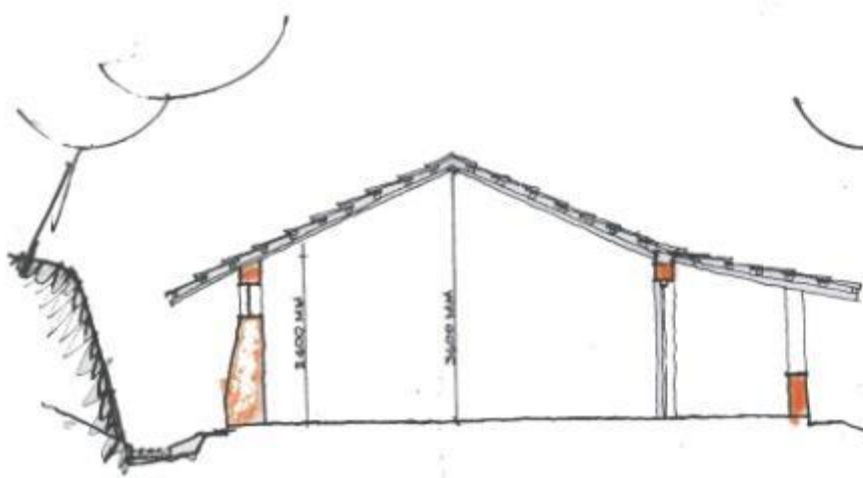




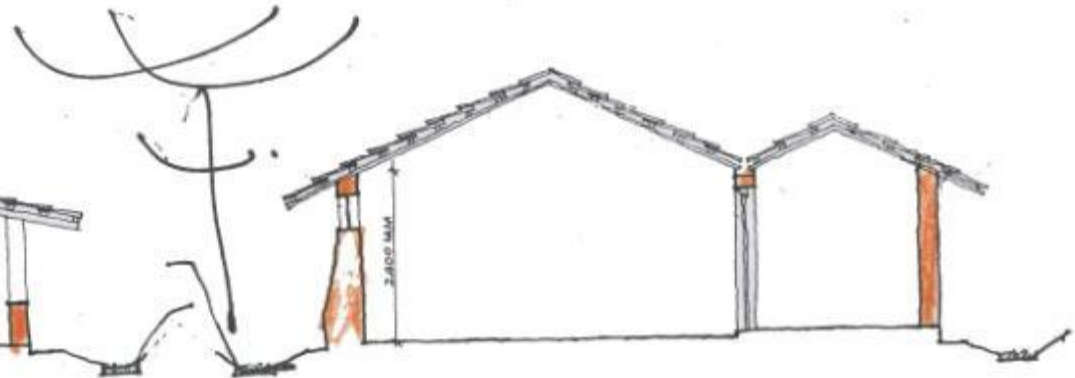
*'ONE CUT DOES NOT FIT ALL'*



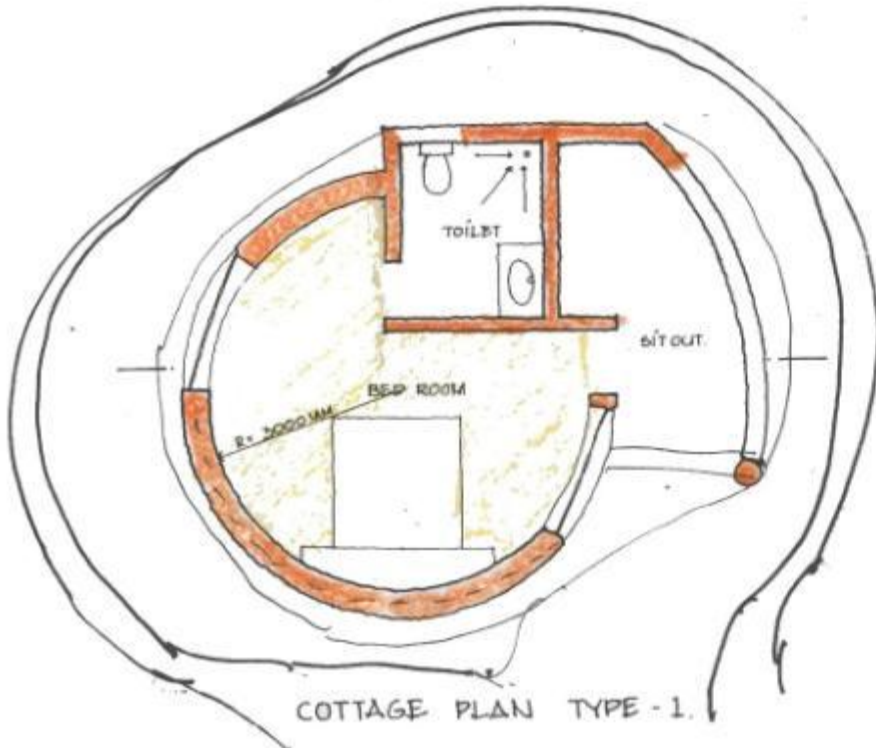




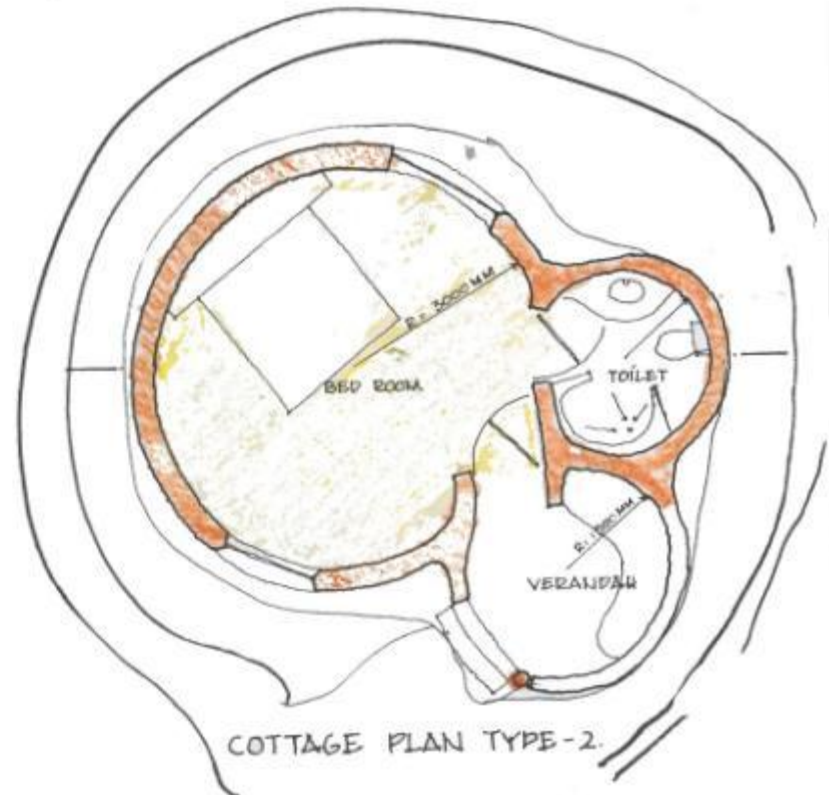
SECTION - AA



SECTION - BB



COTTAGE PLAN TYPE - 1.




COTTAGE PLAN TYPE-2.







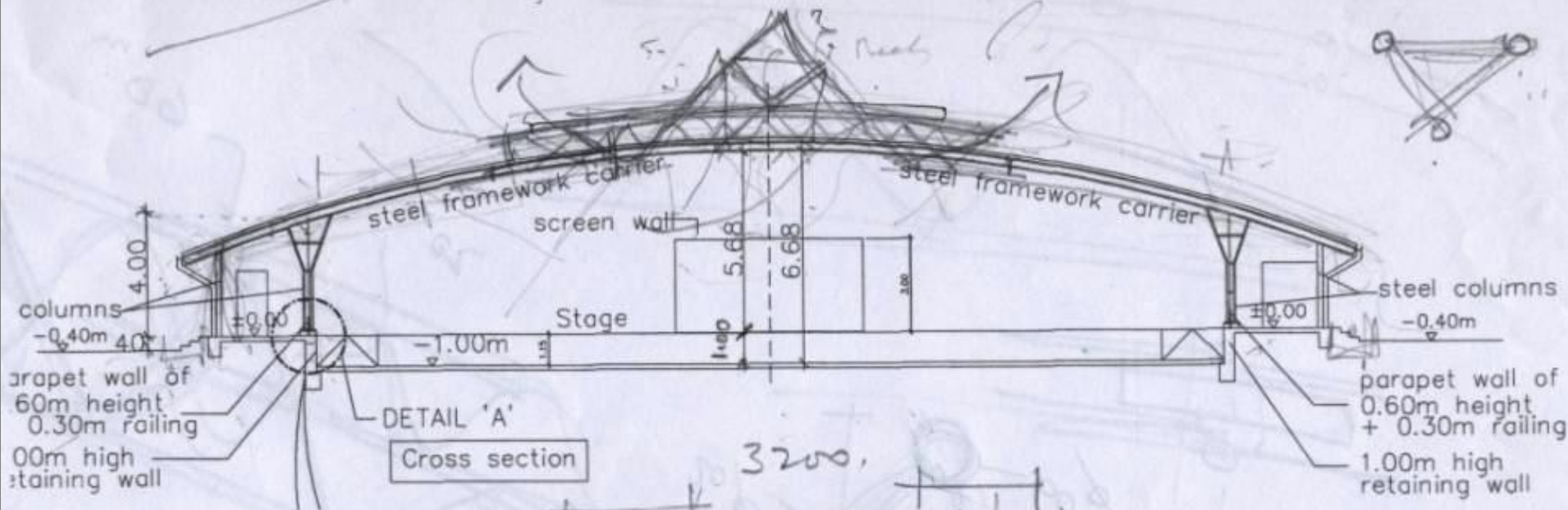
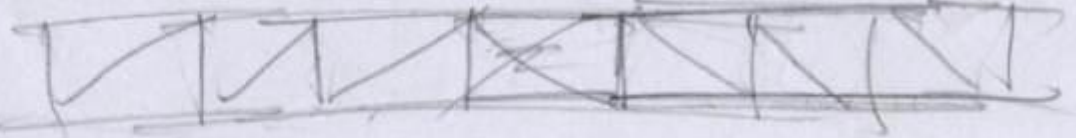
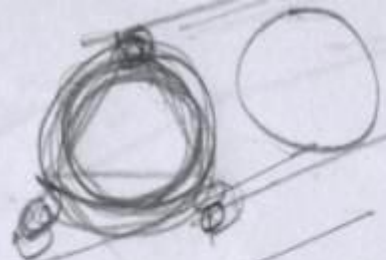


An aerial photograph of a coastal city at sunset. The sun is low on the horizon, casting a warm, golden glow over the water and the city. The city's buildings and streets are visible, with the water in the foreground and the horizon in the distance. The sky is filled with soft, wispy clouds.

ARCHITECTURE IS FOR *LIVING*

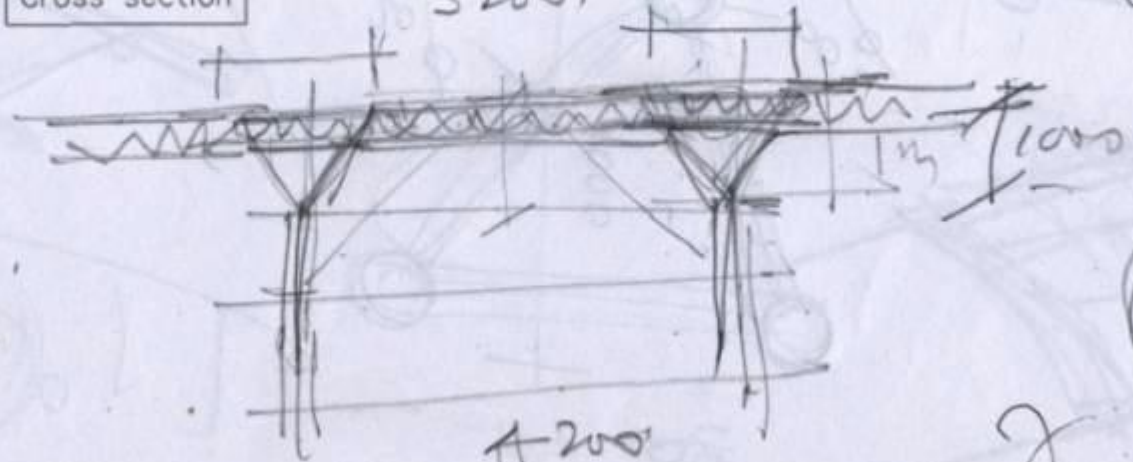
IT IS ABOUT *LIFE*





DETAIL 'A'  
Cross section

3200



A-200

max 60  $\phi$   
black pipe



2  
13/9/08



















A blurred background image of a forest stream with mossy rocks. The water is white and frothy as it flows over the rocks, creating a sense of movement and energy. The surrounding forest is lush with green foliage, and the overall scene is serene and natural.

***IMAGINATION...***

***TO***

***INNOVATION....***



















TIME AND TIDE WAIT

FOR THE RIGHT THOUGHT













ART INSPIRES.....

BUILDINGS BECOME ARCHITECTURE

శ్రీధర

శ్రీధర

























***Architectural expression-***  
***Interpretation of space.***

























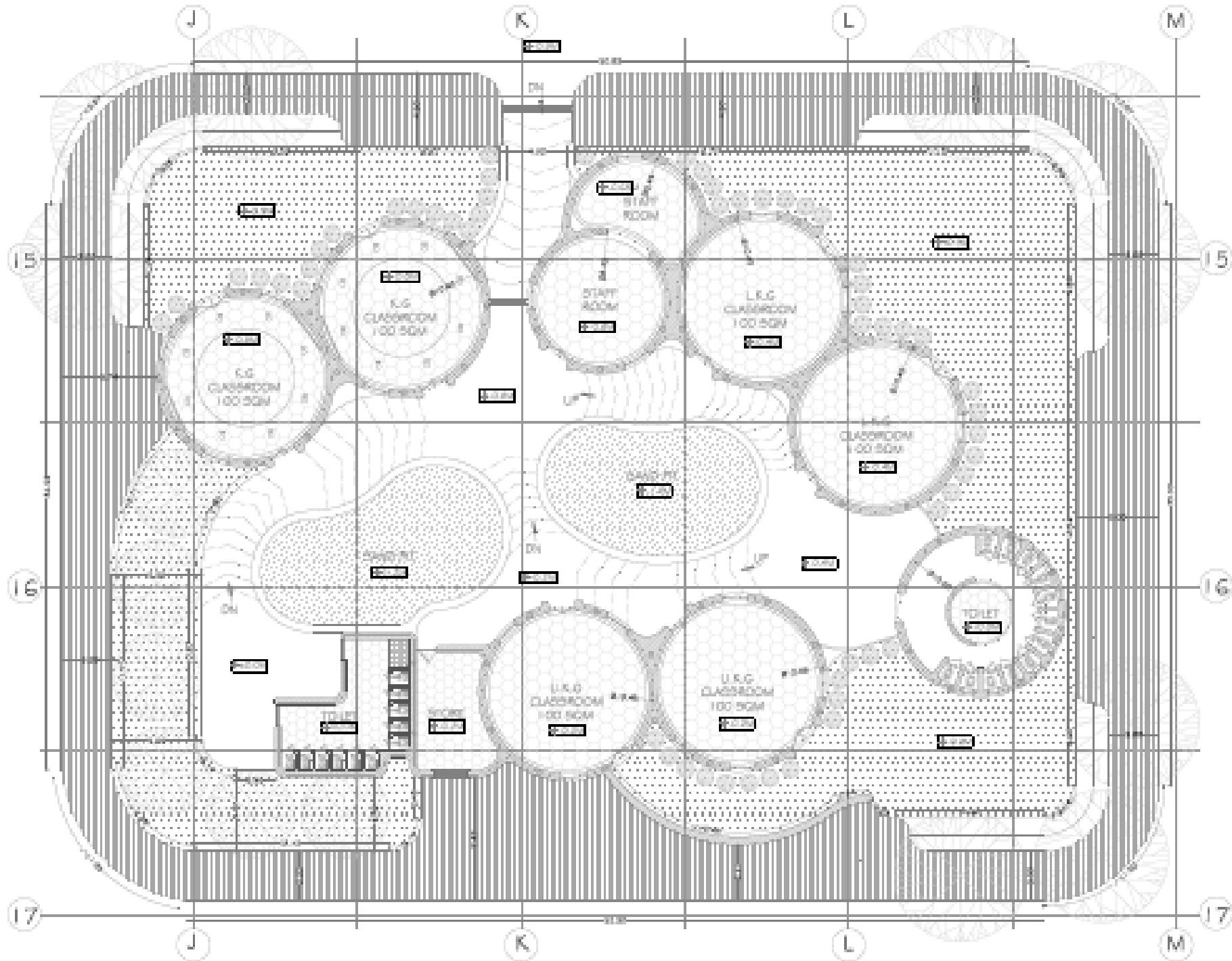


A photograph of a river flowing through a lush green forest. The water is white and turbulent as it cascades over several large, moss-covered rocks. The surrounding vegetation is dense and vibrant green, with many trees and bushes visible. The overall scene is a natural, serene landscape.

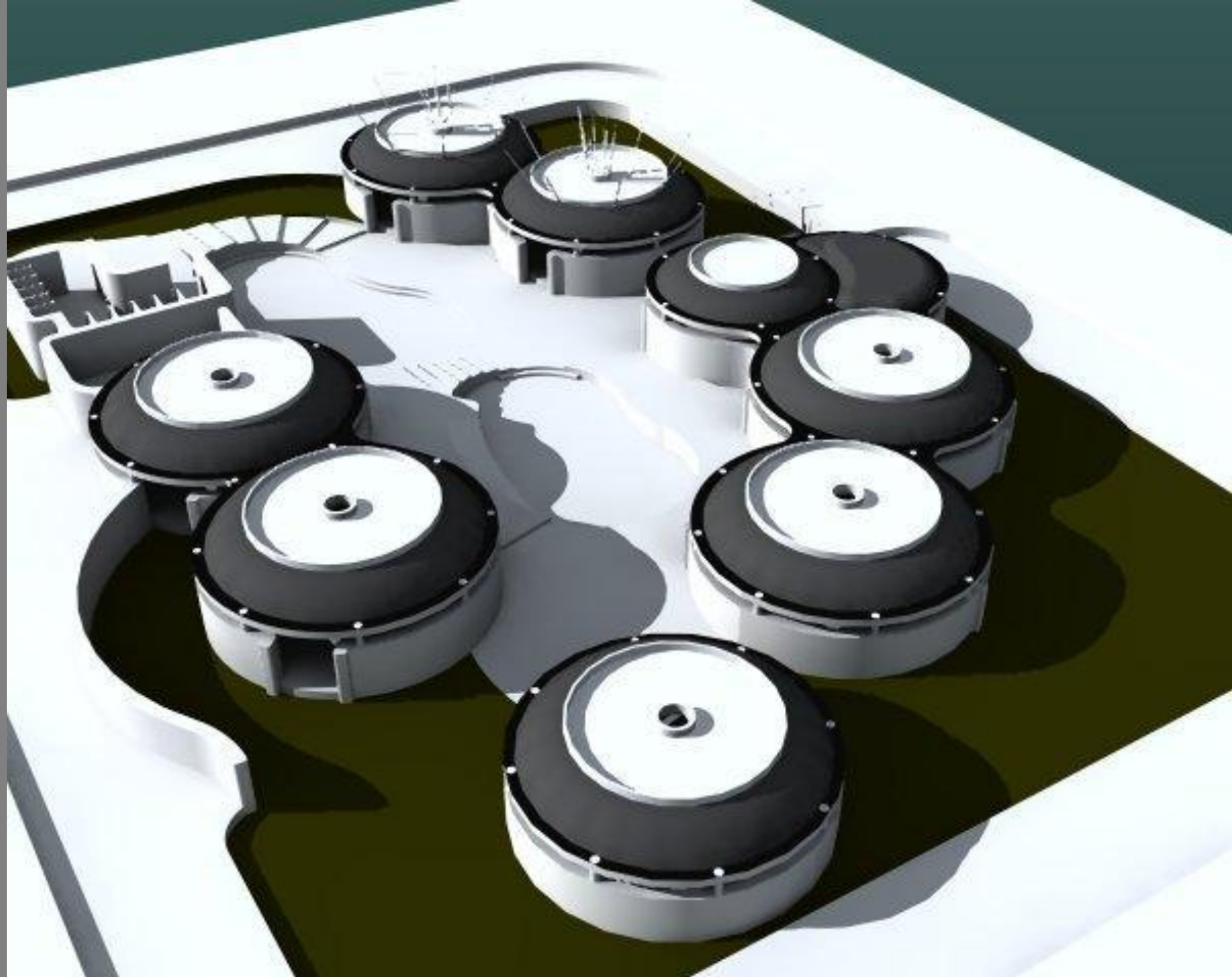
*AN EVOLVING CONTINUUM.....*

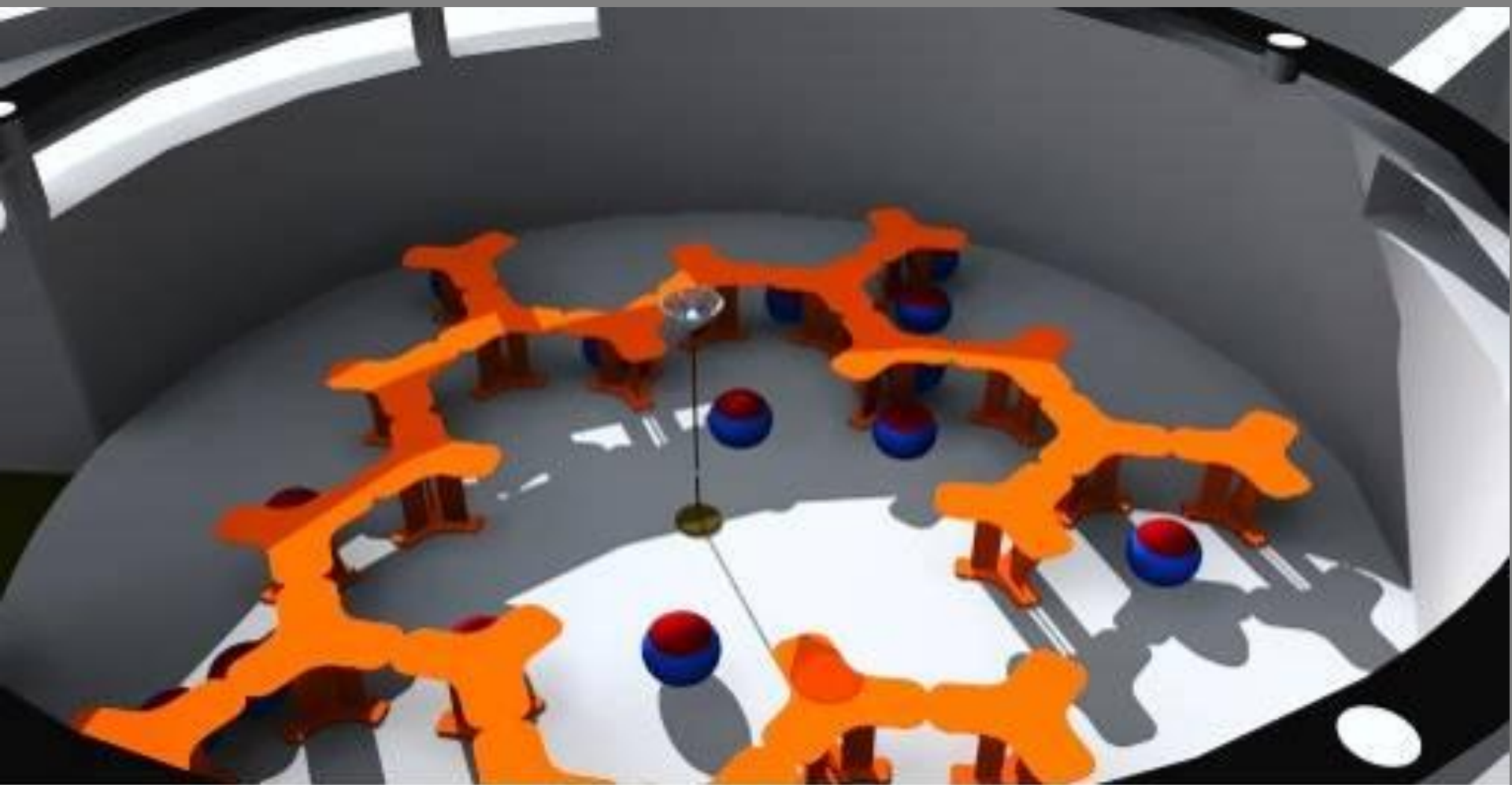


































STRUCTURE IS A

MANIFESTATION OF MATERIALS



Srinivasapuram

Domming kuppam  
& selvarajapuram

Nochi kuppam  
& nochi nagar

Shore Estate

OPEN SPACE

OPEN SPACE

MARINA BEACH

COASTAL ROAD

COASTAL ROAD

Proposed tsunami relief housing at marina beach

The site covers an approximate area of 35.78 acres

Area covered:

Srinivasapuram - 14 acres

Fore shore estate - 6.94 acres

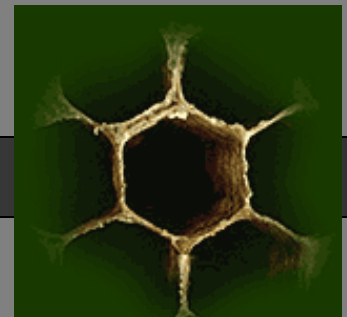
Domming kuppam and selvarajapuram - 6.37 acres

Nochi kuppam and nochi nagar - 8.42 acres





# Minimal HONEY COMBS



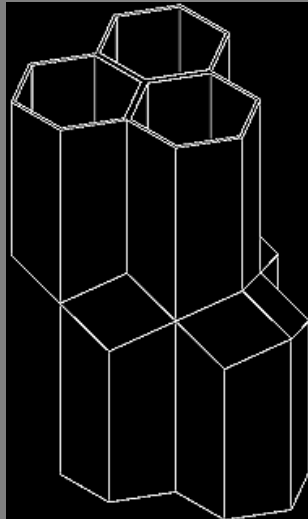
## INDIVIDUAL UNIT

The hexagonal structure in the hive is a wonderful example of the ways in which **MINIMUM-MATERIAL** or energy solutions tend to evolve in nature: in this case the hexagonal lattice requires the minimum of wax (material) to surround the largest area.

## TOWNSHIP



## CLUSTER



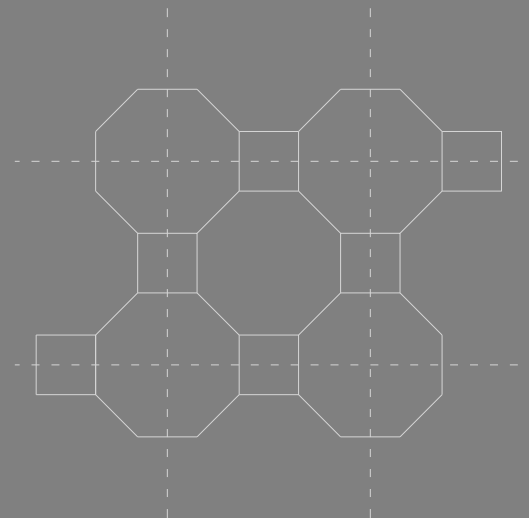
## CITY

# BUILDING S

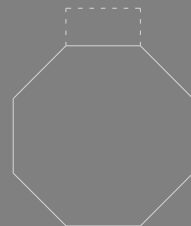
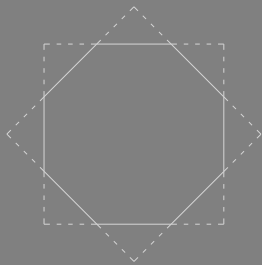
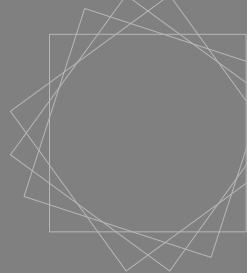
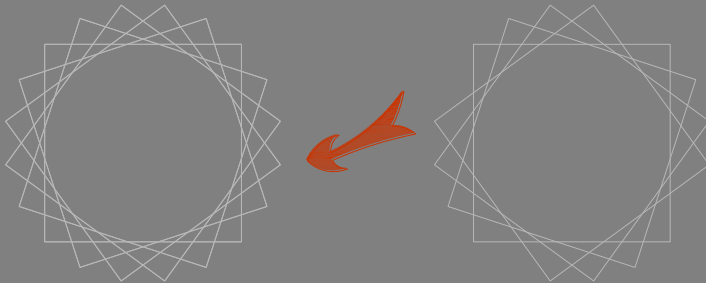
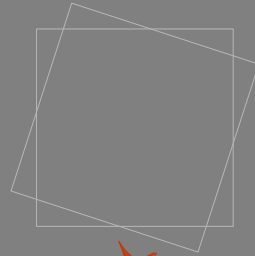
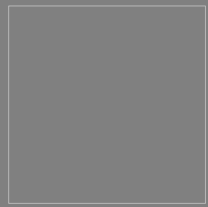


The best shapes for earthquake resistant buildings are regular shapes and preferably with two symmetry axes. In this case the centers of gravity and rigidity will be the same or close to each other and therefore there will not be any torsion in the building.

## Material Usage

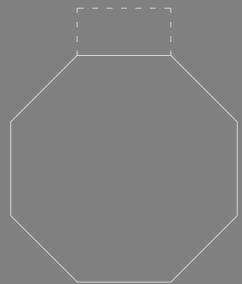


Common Walls,  
reduce Usage of  
Material – Causing  
Cost Effectiveness

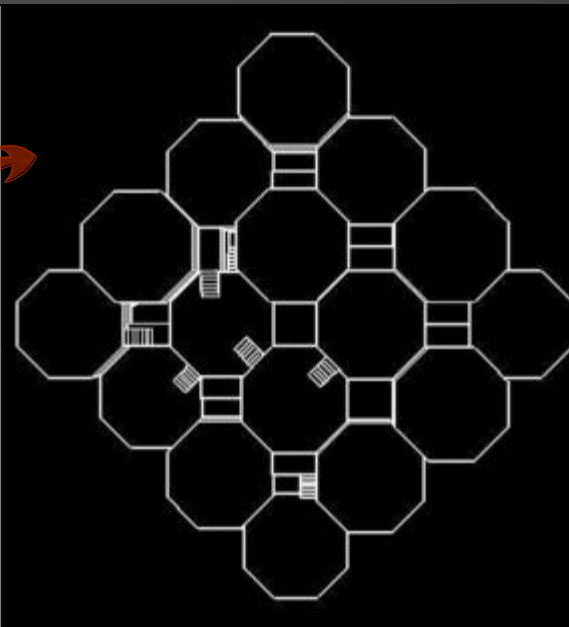


Earthquake resistant

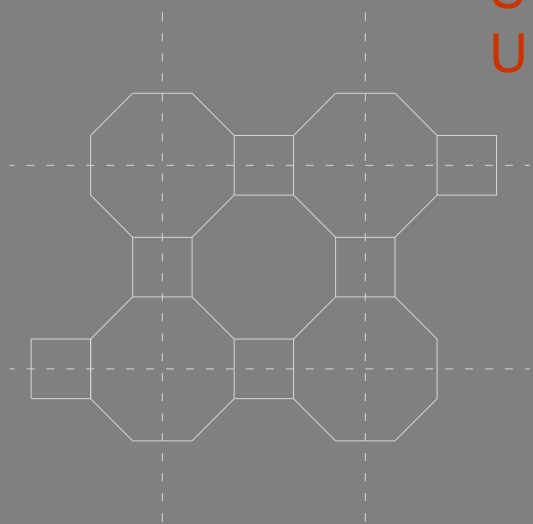




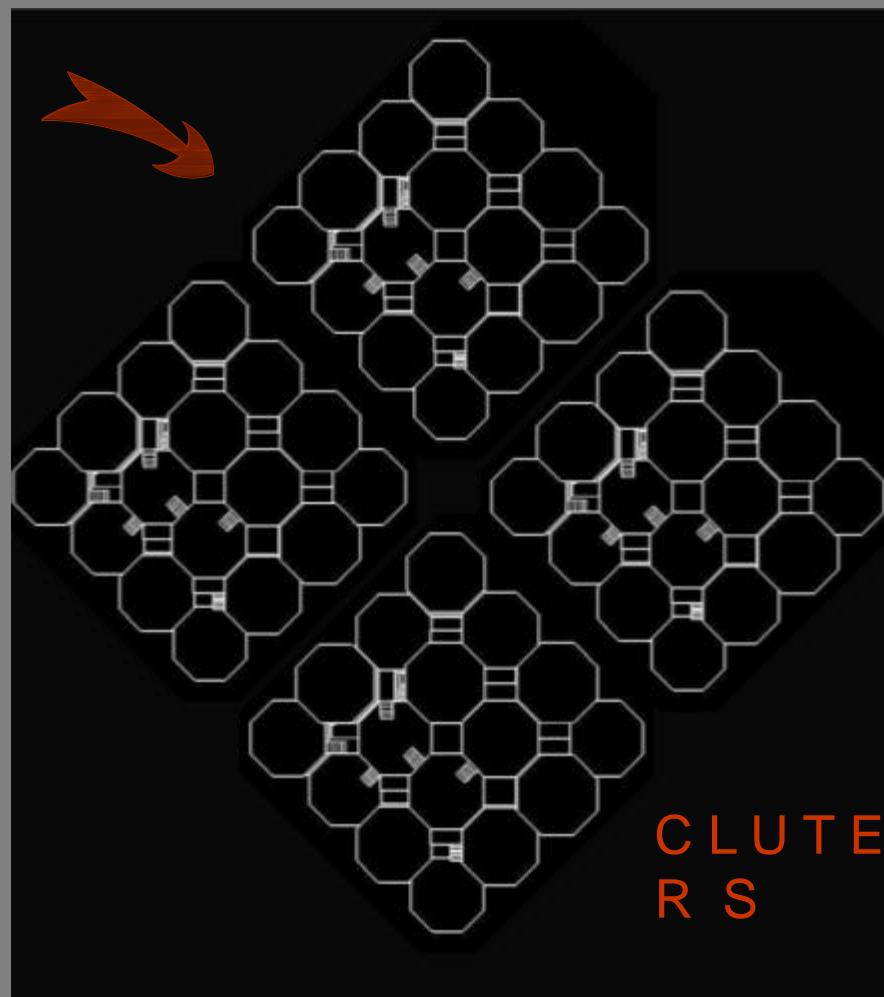
Single U  
NIT



Single CL  
UTER

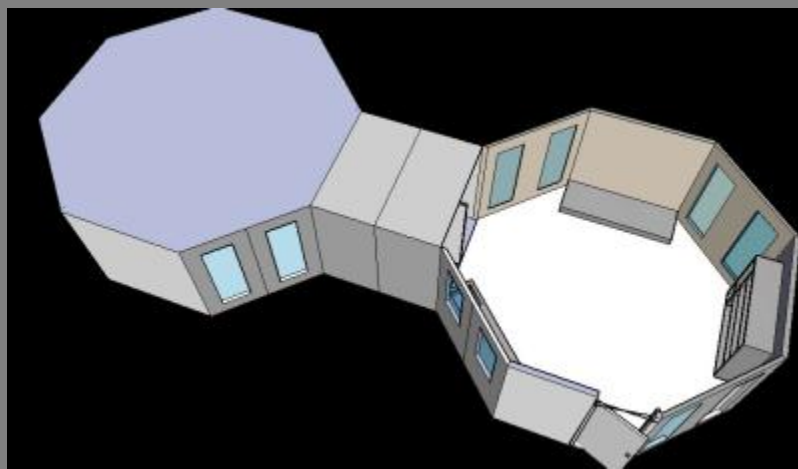
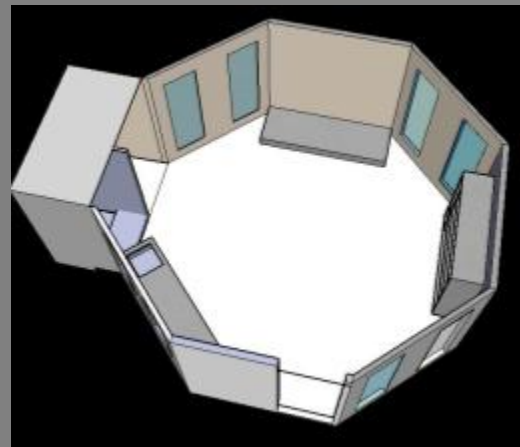
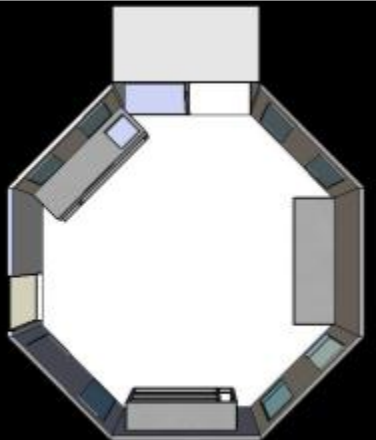
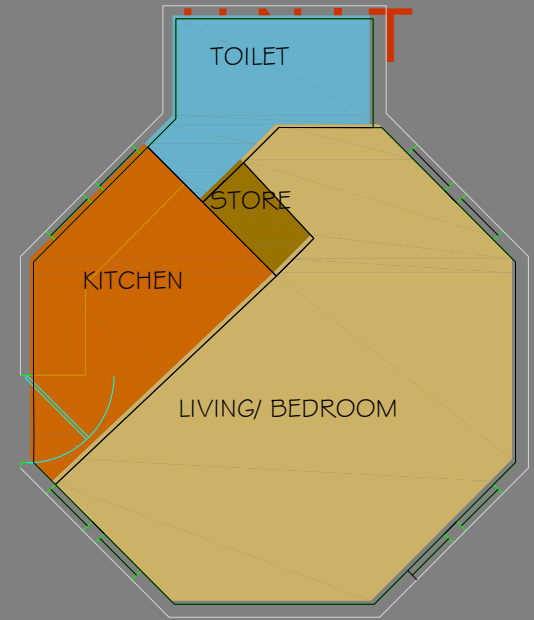
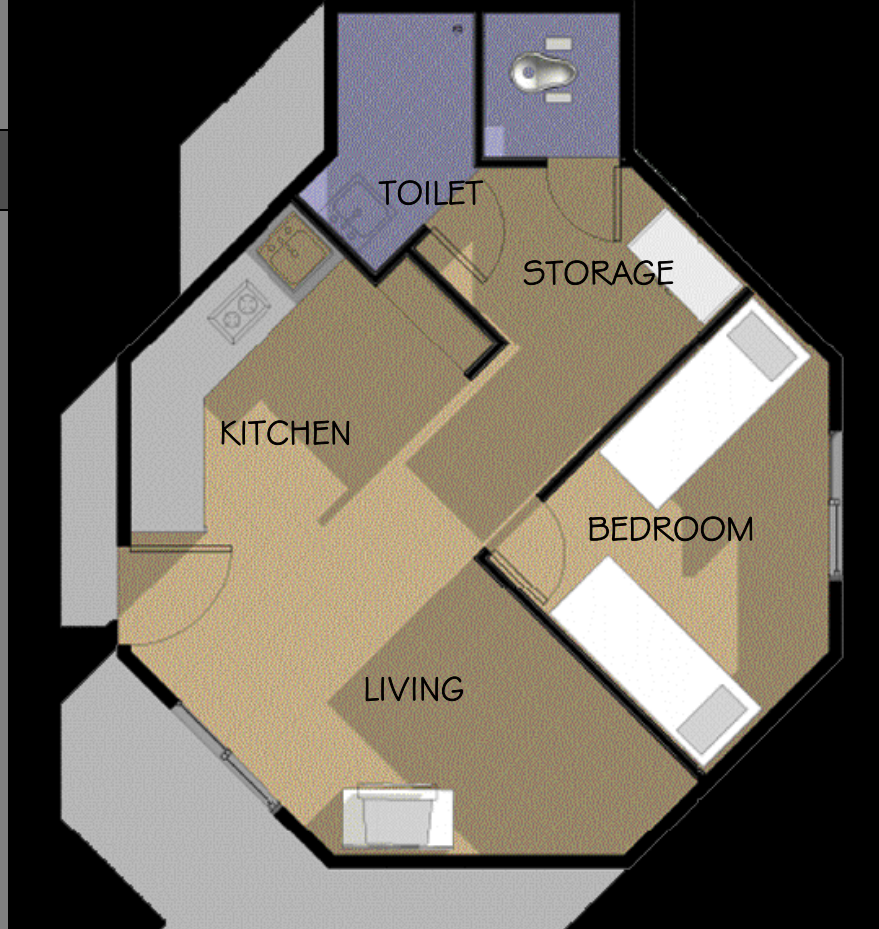


# BUILD ING



CLUTE  
RS

# Individual





# Individual Unit



Interior View

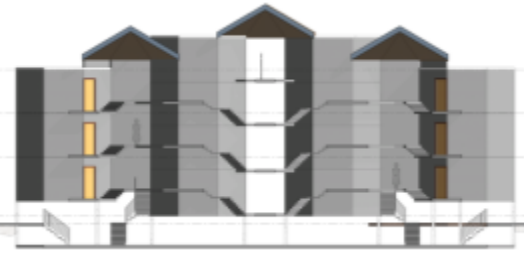


PLAN

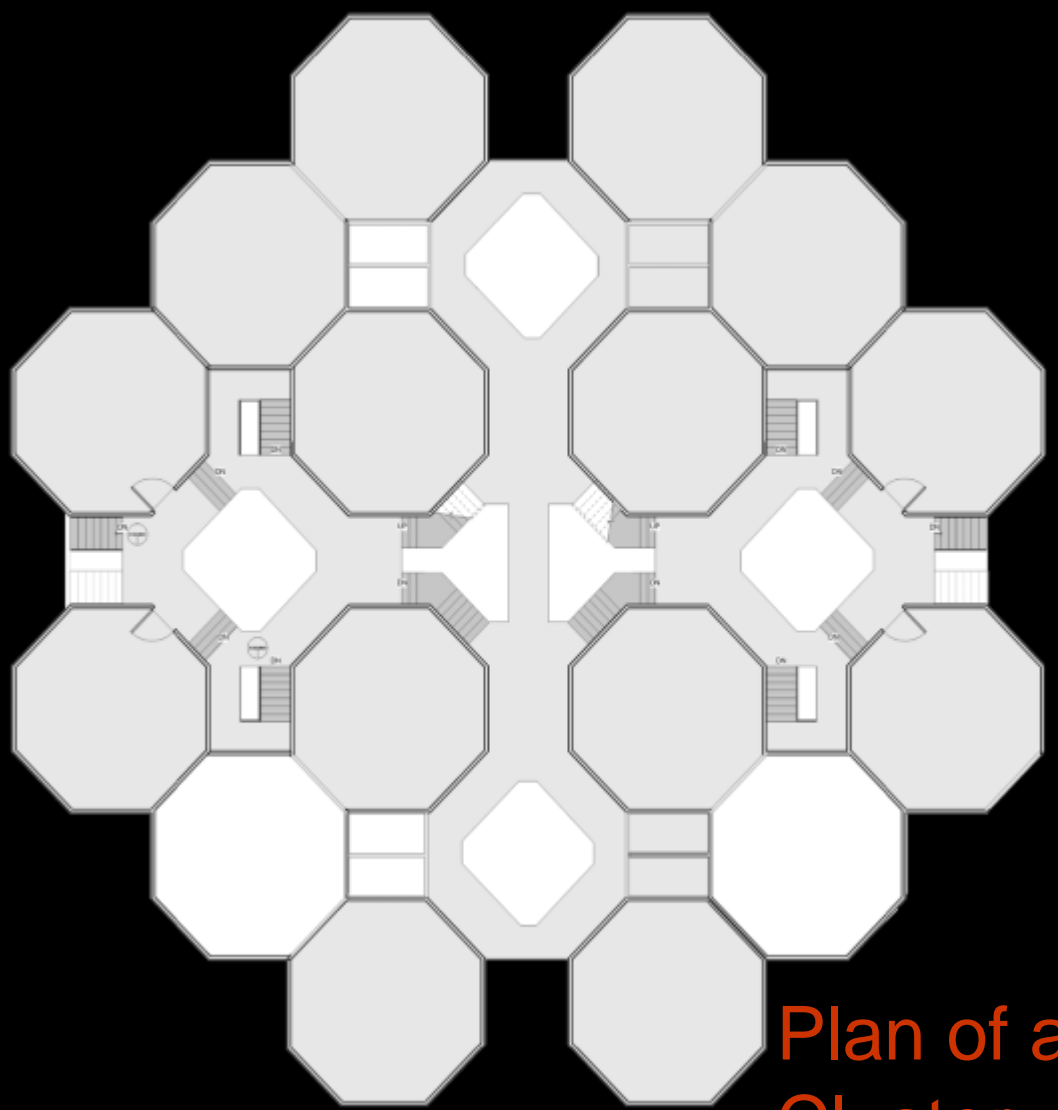
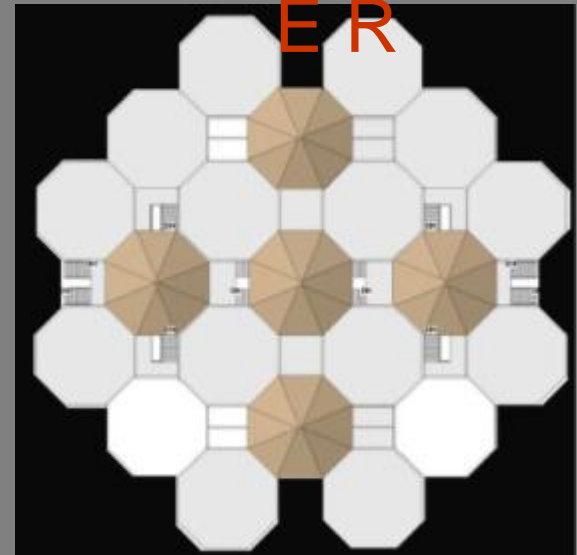


View of Unit

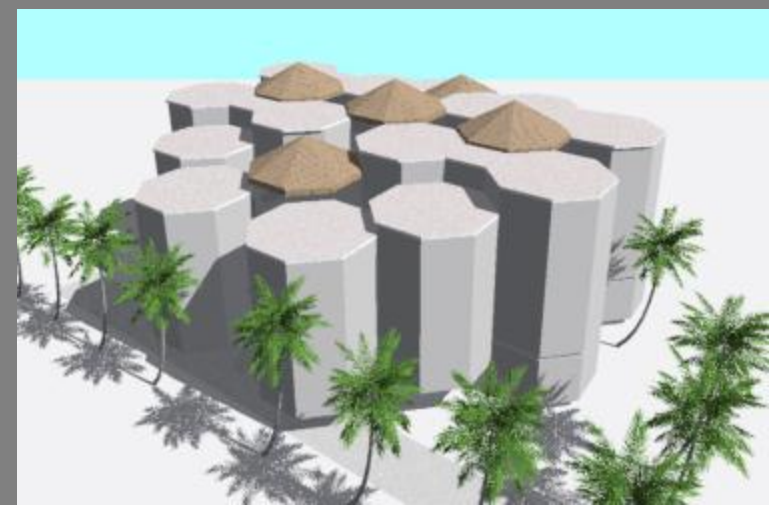




CLUSTER

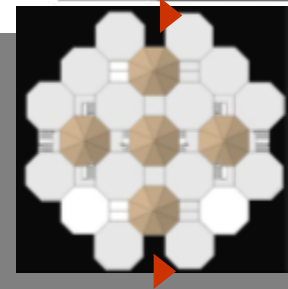
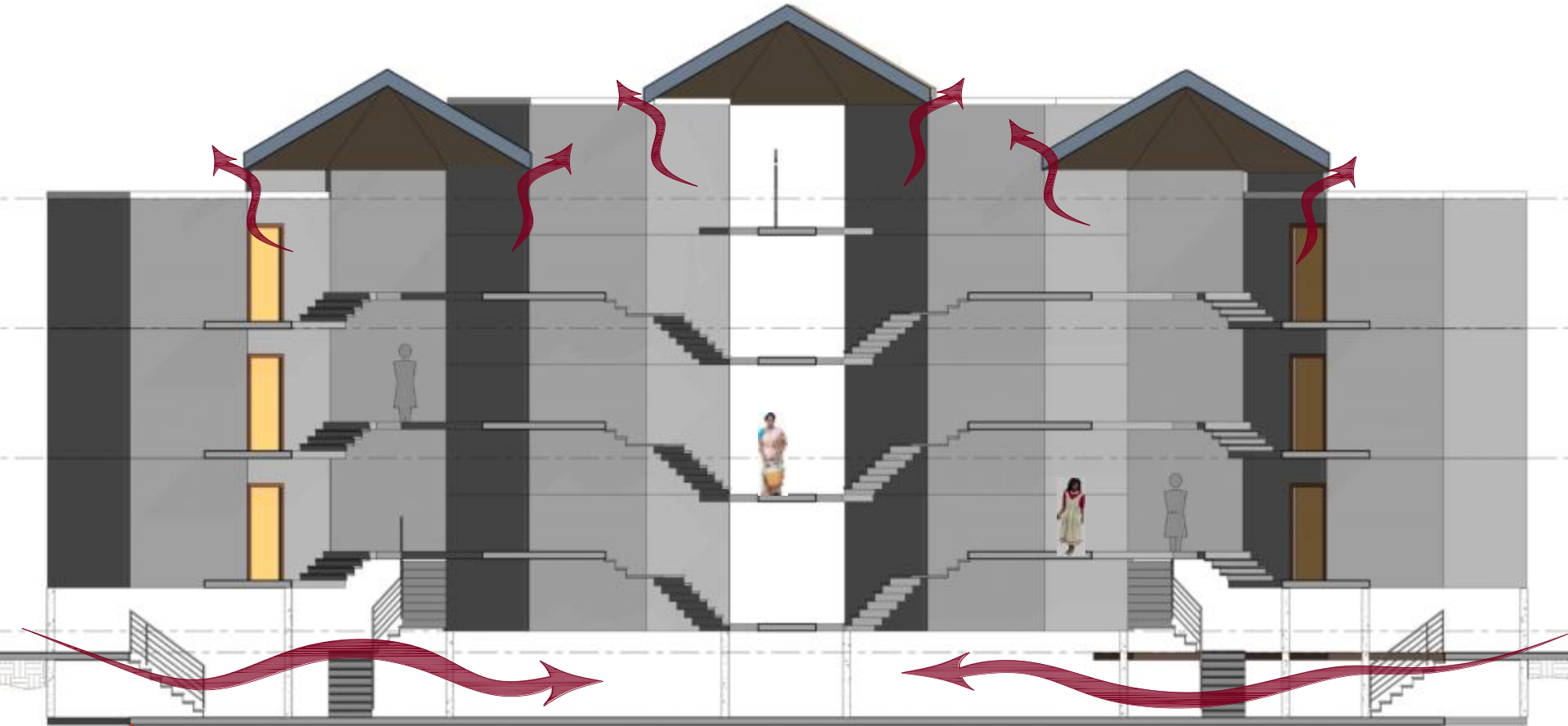


Plan of a Cluster





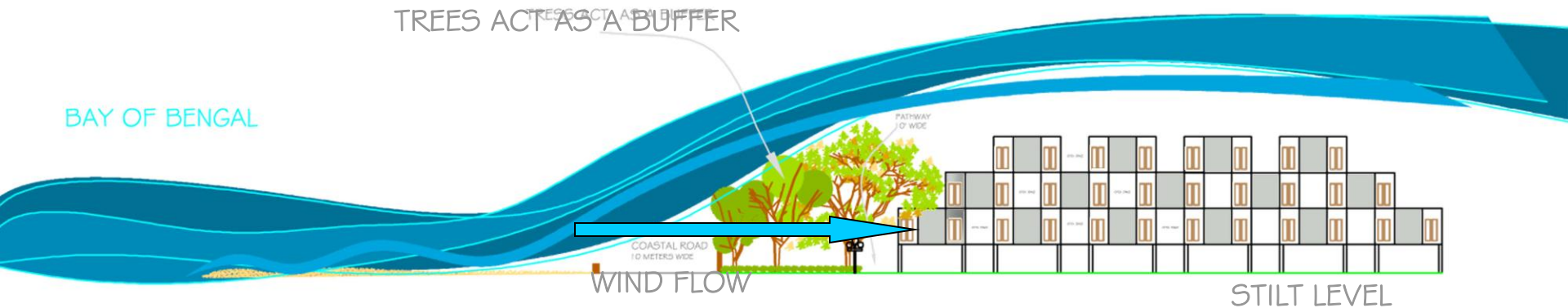
# Cluster SE SECTION



# View of Clusters

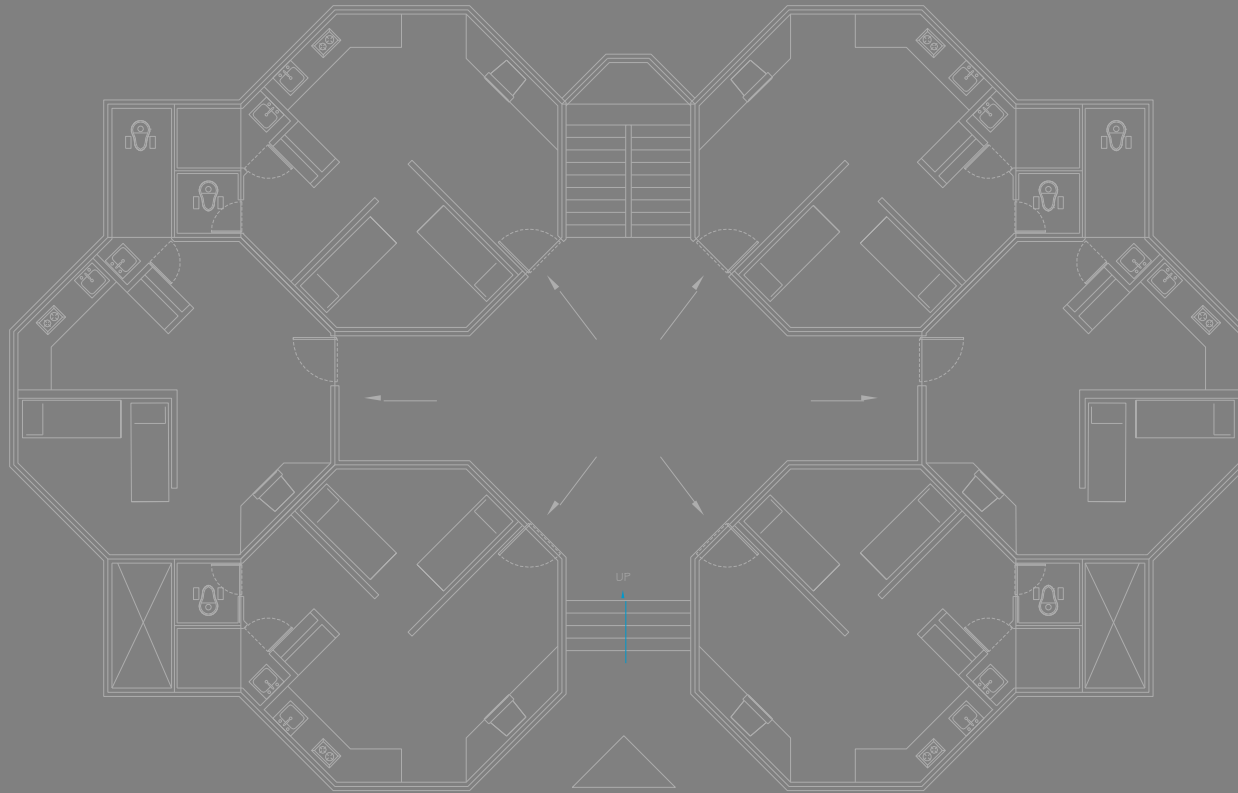
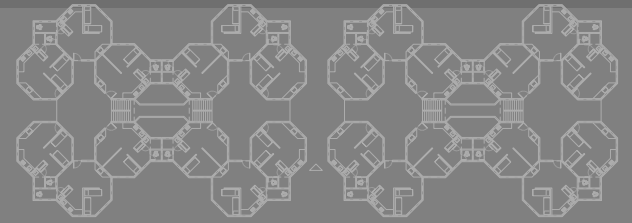






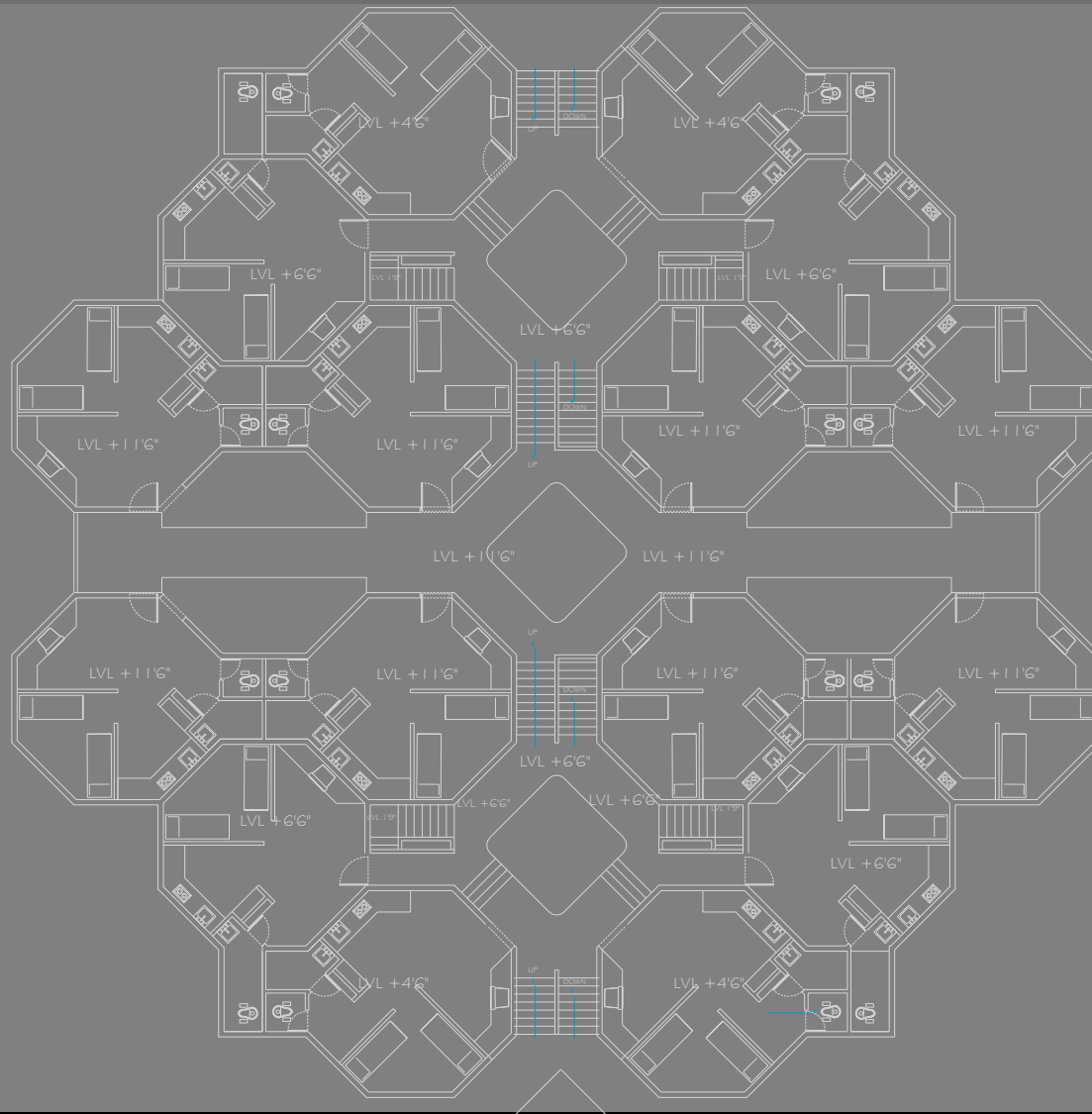
## PLANT BUFFER ZONE

A good buffer belt works by allowing air to pass through foliage while filtering out spray particles and reducing possible damage to human health, the environment, crops and livestock. Other benefits of buffer belts include productivity gains from improved crop and livestock shelter, filtered noise and dust levels, reduced complaints from concerned neighbours, lowered water tables and increased aesthetic values.



# CLUTER Plan -TYPE 'A'





# CLUTER Plan -TYPE 'B'



“TAKING THE PAST  
TO THE FUTURE  
IN THE PRESENT,  
WITH RELEVANT CONTEXT.....”









TEMPLES OF ORISSA





INITIAL SKETCHES

Summer

HOT SUMMER

(may. 50°C)

Cool winter

(Jan than 16°C)

Heat

short shadow

long shadow

Lat 20° N.  
Sun's height 45° E





5 PM.

solar cells / Panels.

Garden

class.

stalli

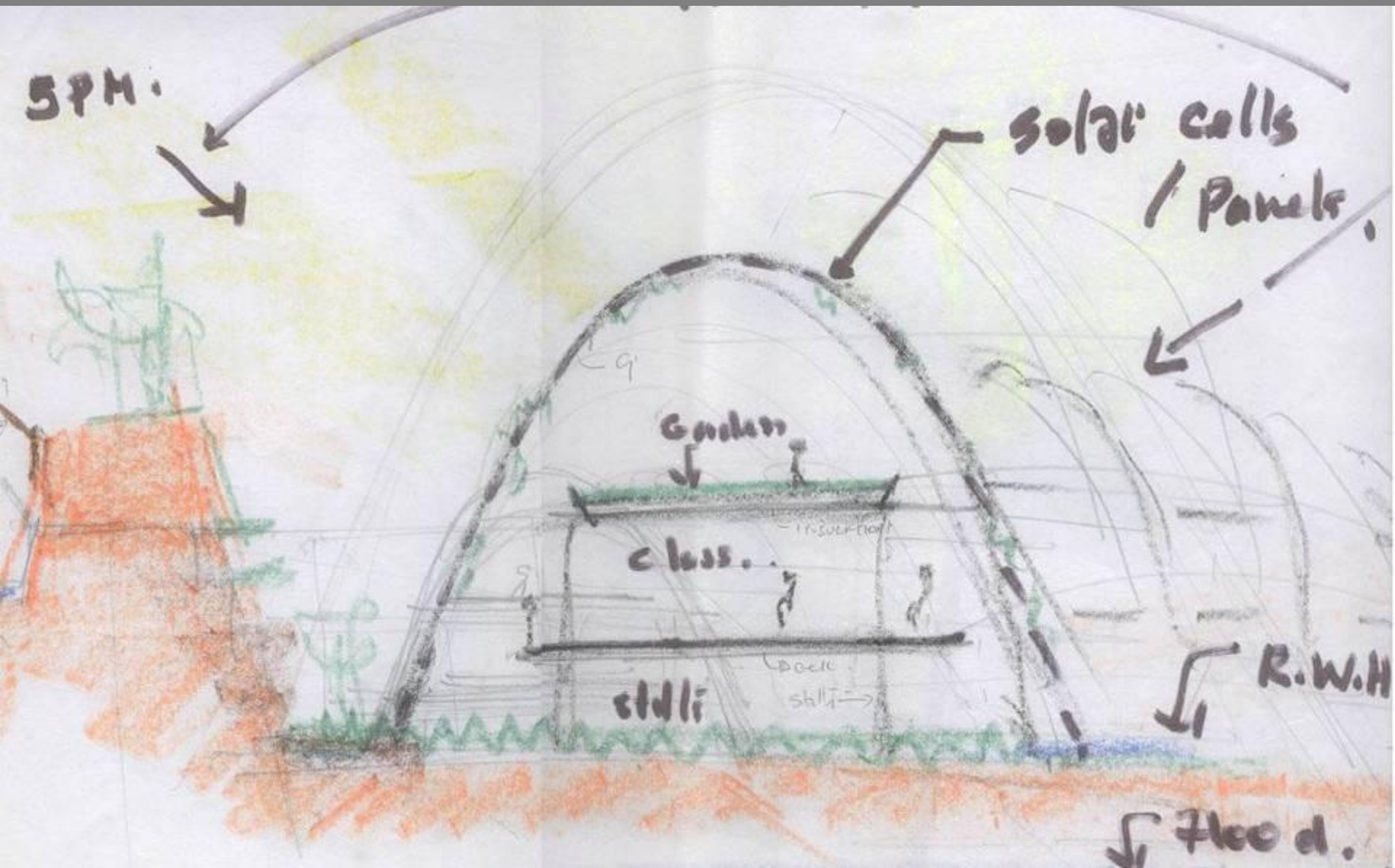
insulation

door

stalli →

R.W.H

Flow d.



SITE ANALYSIS



EXISTING STRUCTURE

EXISTING TREE

THE PITS

EXISTING ROAD

THE ENTRANCE

KATHJORI RIVER

- EXISTING STRUCTURES
- TKV LINE
- HIGH TENS. ON LINE
- RAILWAY TRACK
- EXISTING ROAD
- MALA
- SOUTHWEST WINDS
- SOUTH EAST & SLOK WINDS

ARILO

BIDYADHARPUR

GOVINDPUR



SITE ANALYSIS

SRI SRI UNIVERSITY, ORISSA

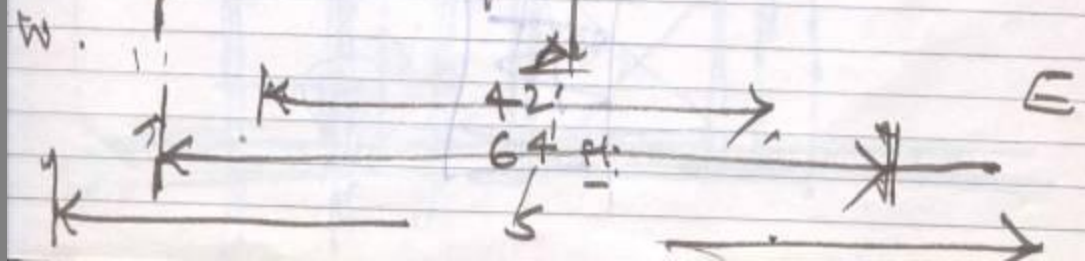
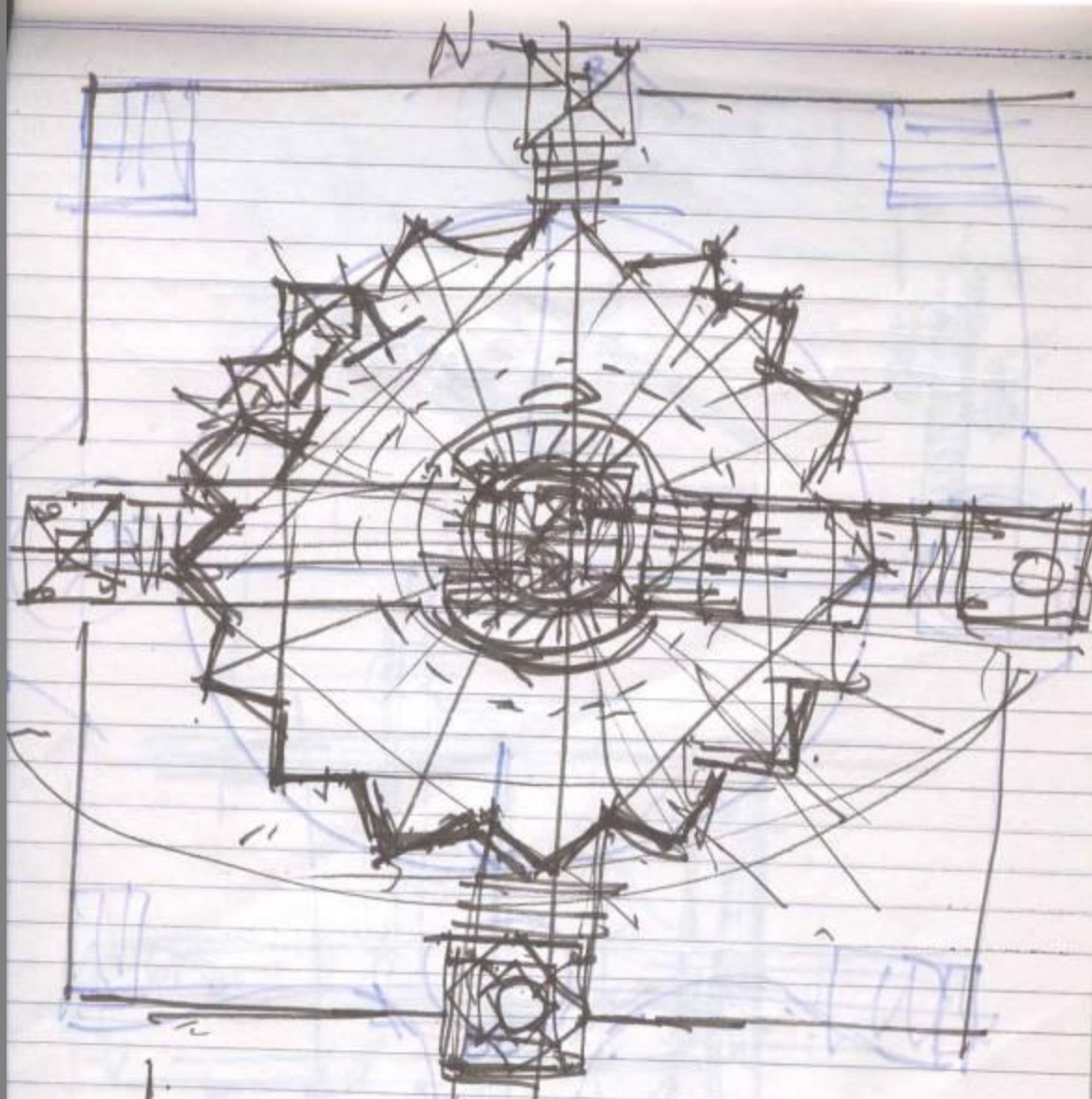


- HOSPITAL BLOCK
- INSTITUTIONAL BLOCK
- RESIDENTIAL BLOCK
- CONGREGATION SPACE
- ICONIC TOWER
- EUTIR

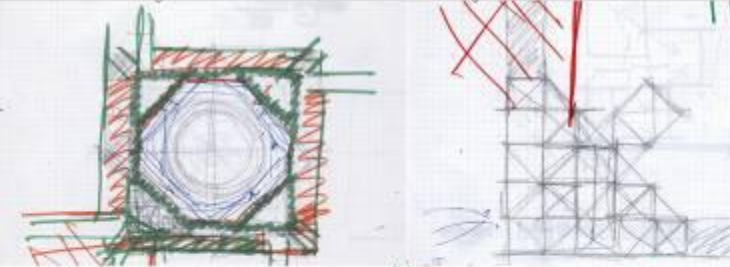
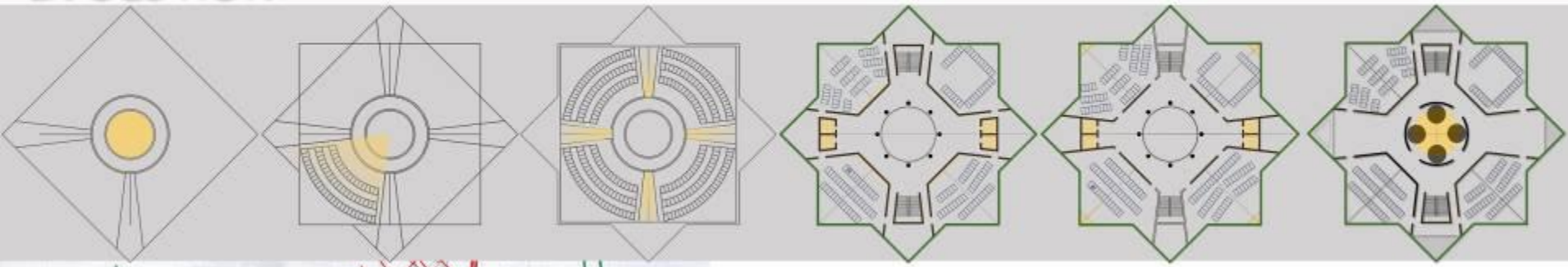
SITE ZONING

JFPPIL

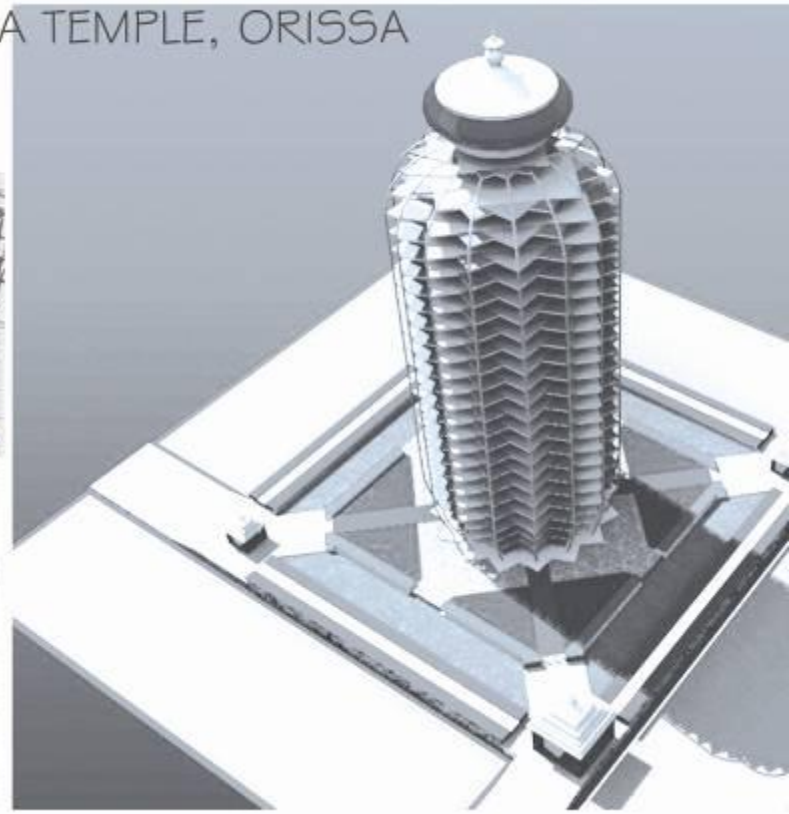
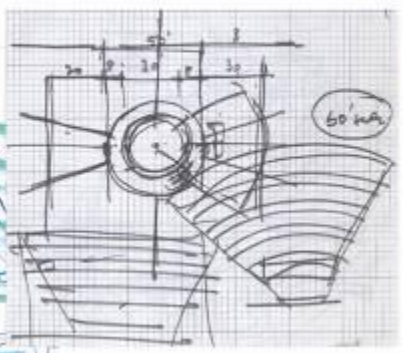
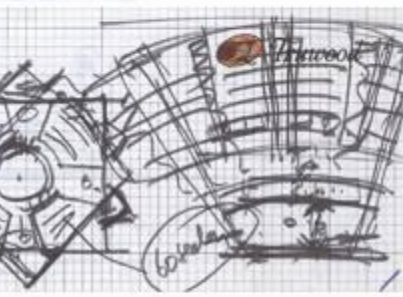
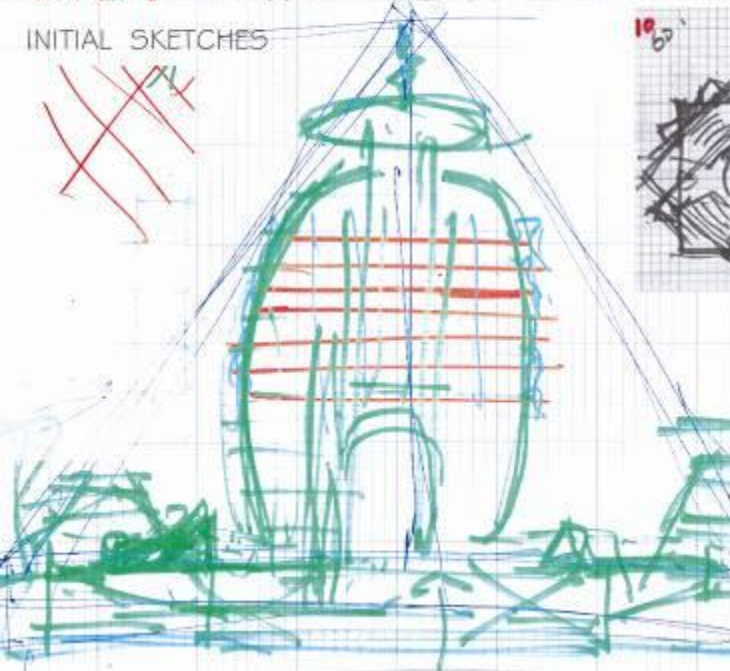




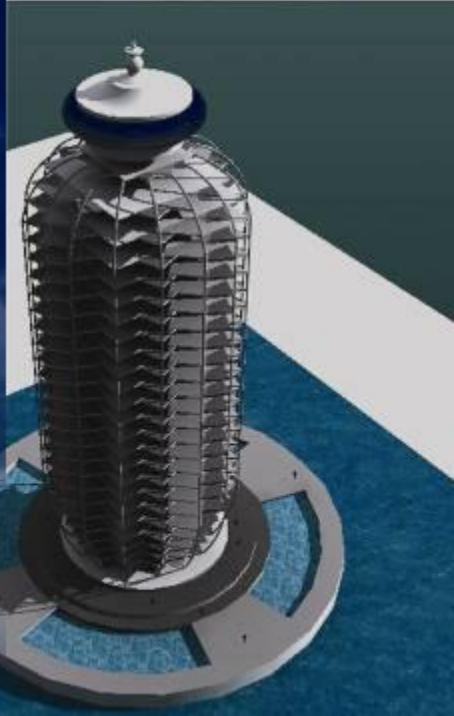
# EVOLUTION:

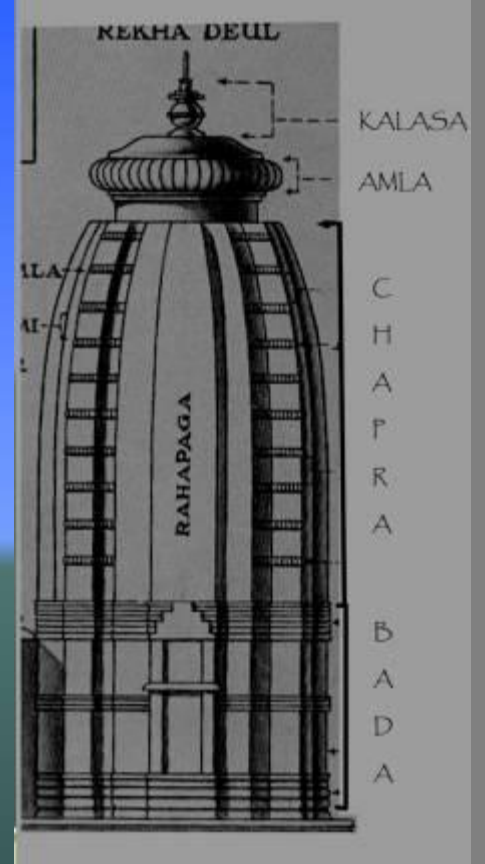


THE FORM DRAWS INSPIRATION FROM THE  
ICONIC LINGARAJA TEMPLE, ORISSA













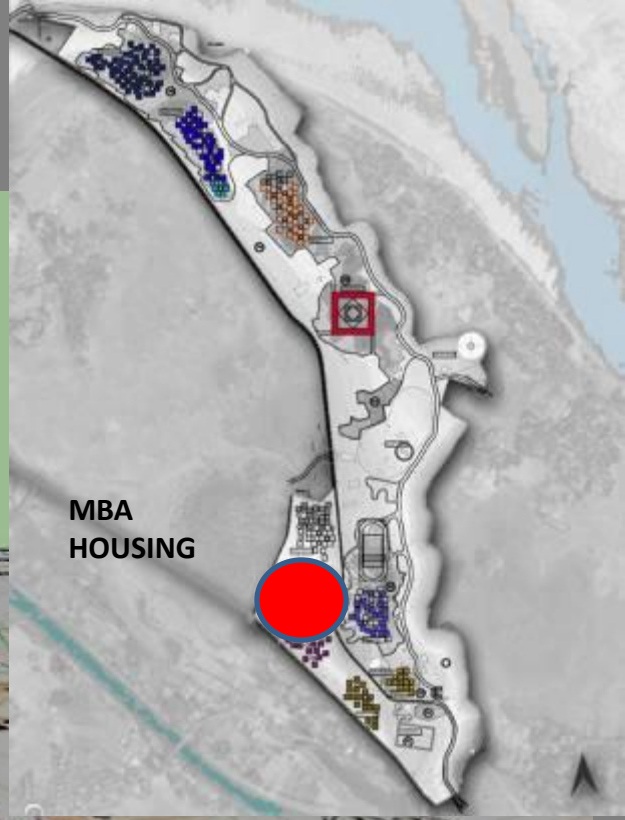
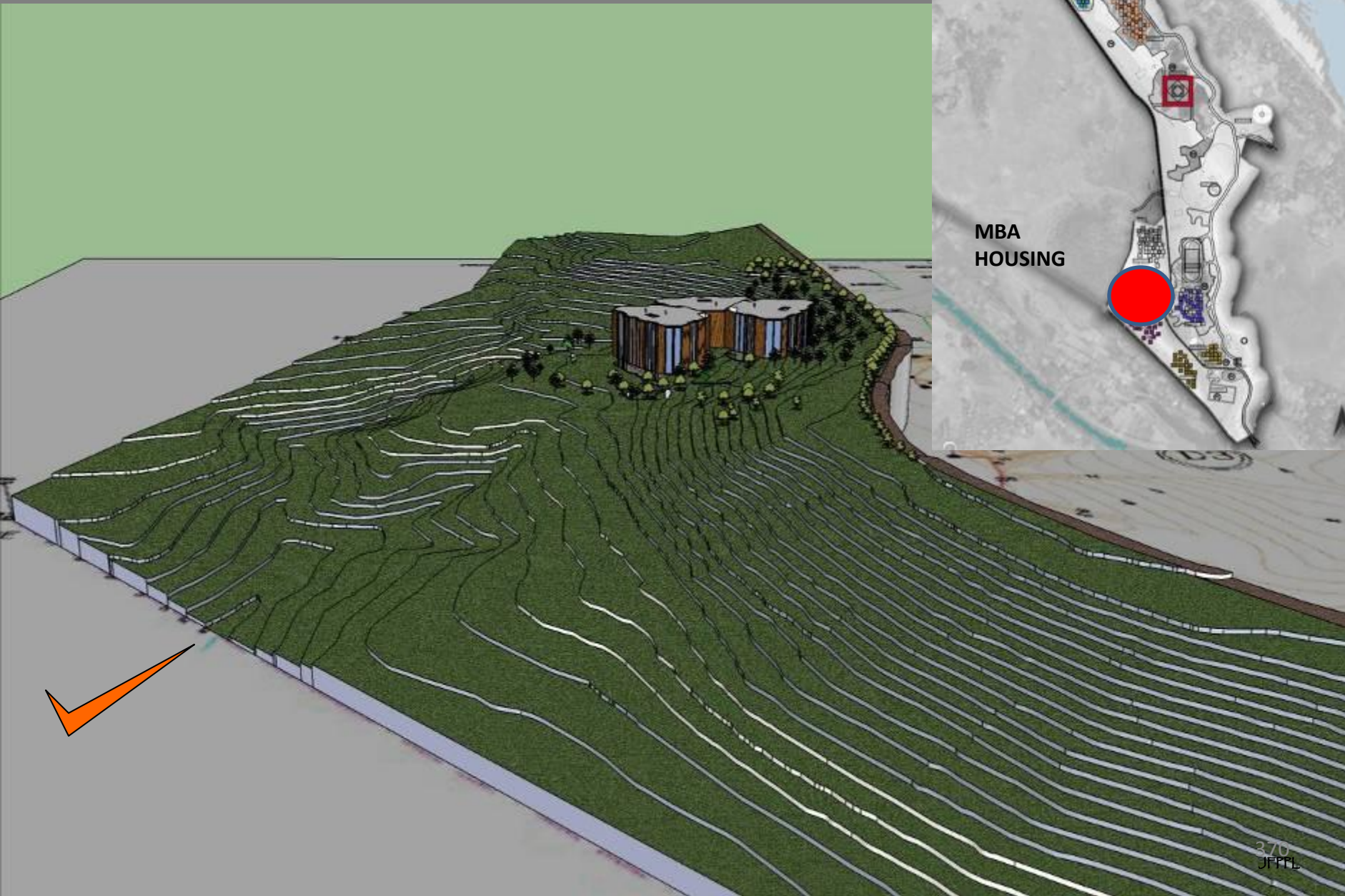








HOUSING-  
LOCATION



MBA  
HOUSING



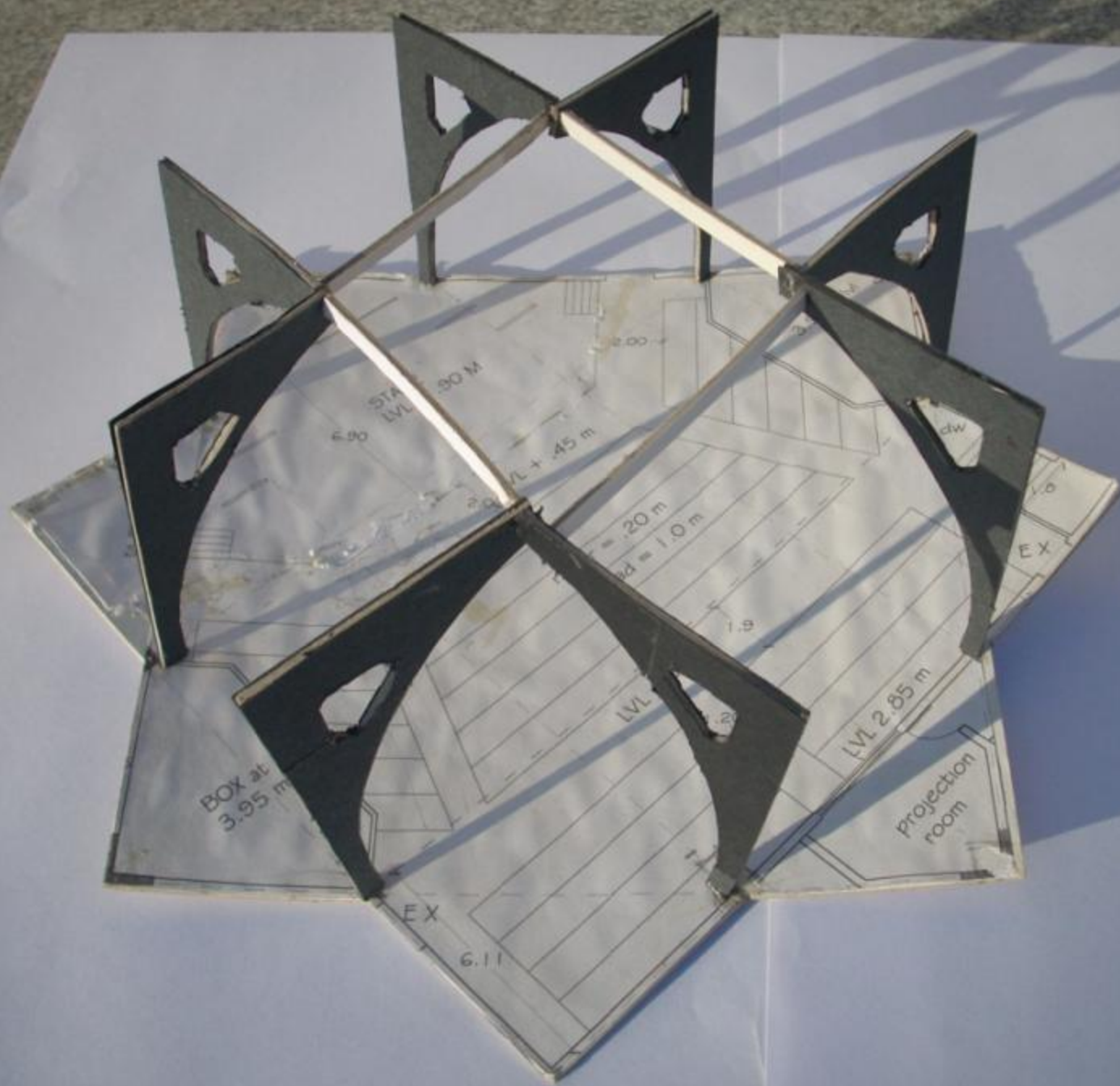


A scenic view of a lake surrounded by trees with autumn foliage. The water is calm and reflects the surrounding greenery. The trees are in various shades of green and yellow, indicating the fall season. The overall atmosphere is peaceful and serene.

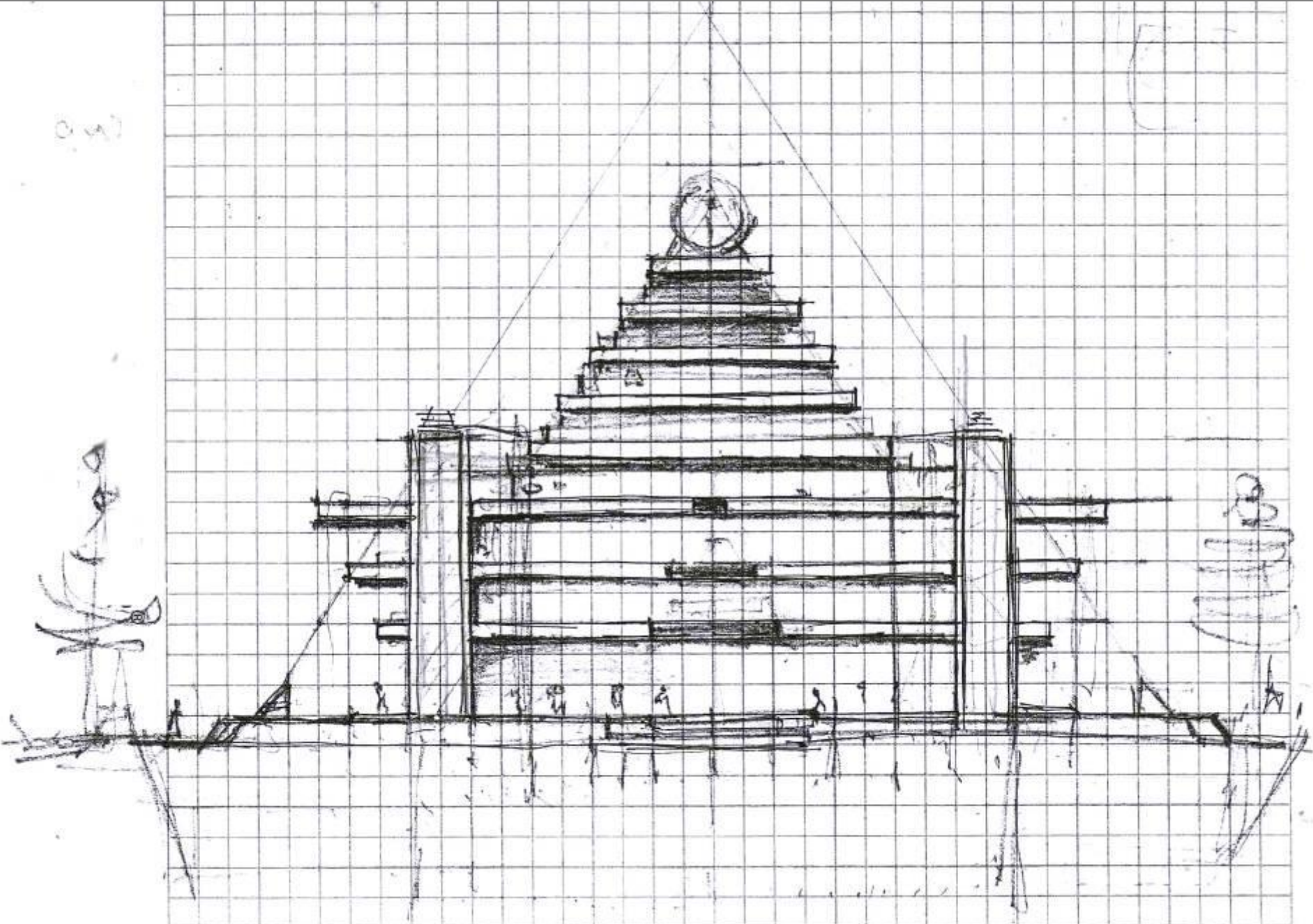
*THINKING..*

MAKES ALL THE DIFFERENCE.....

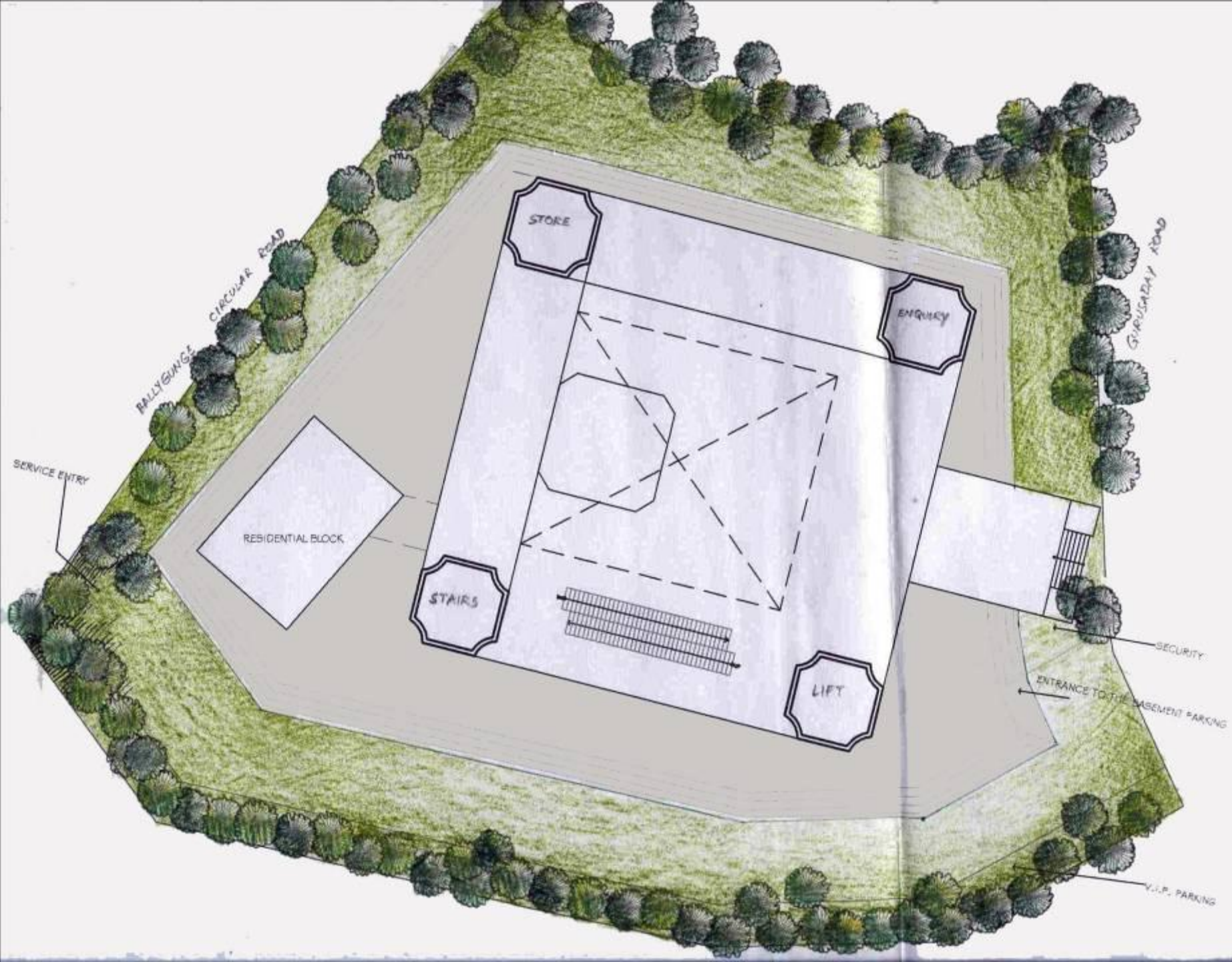




0.30





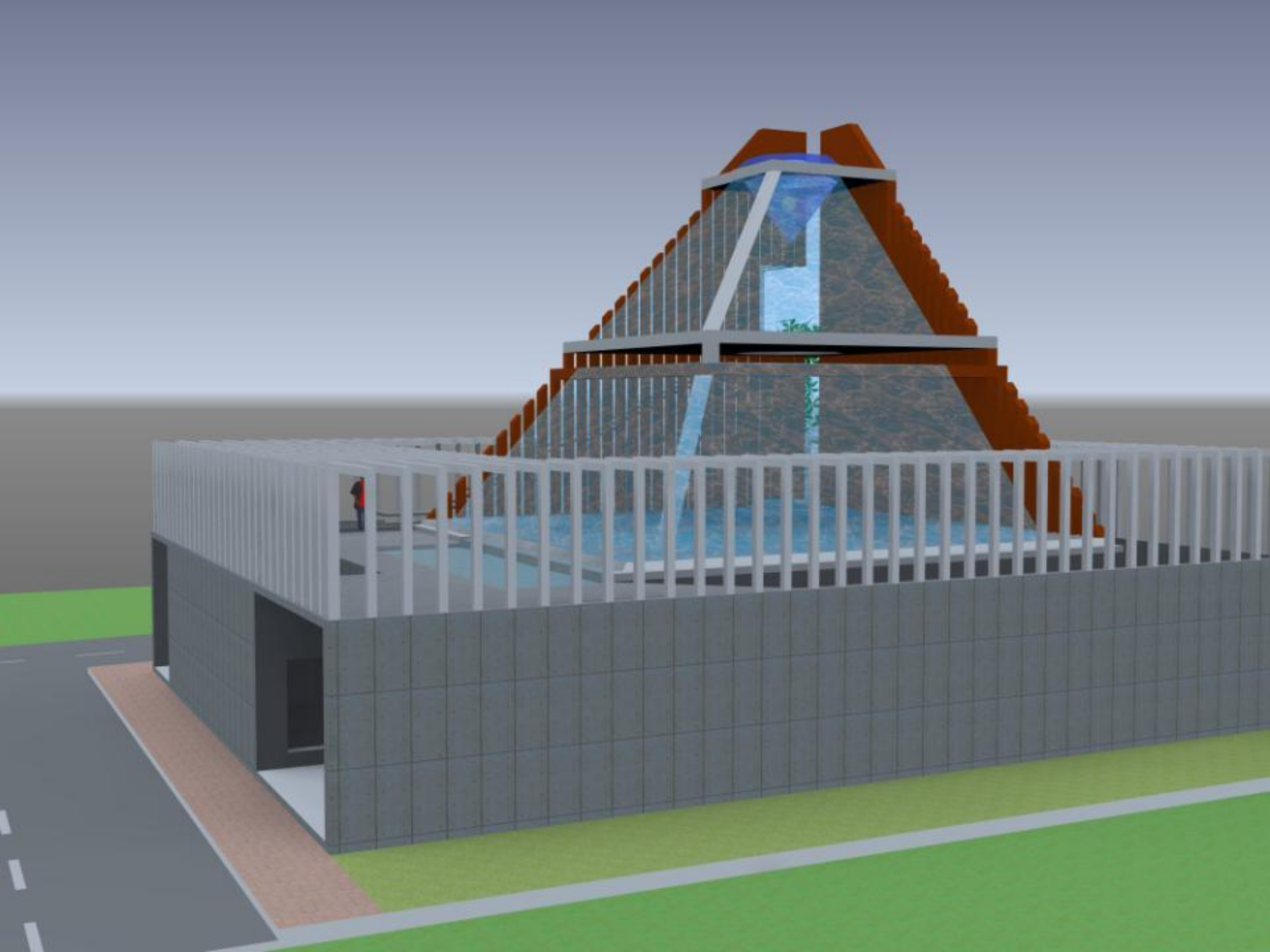


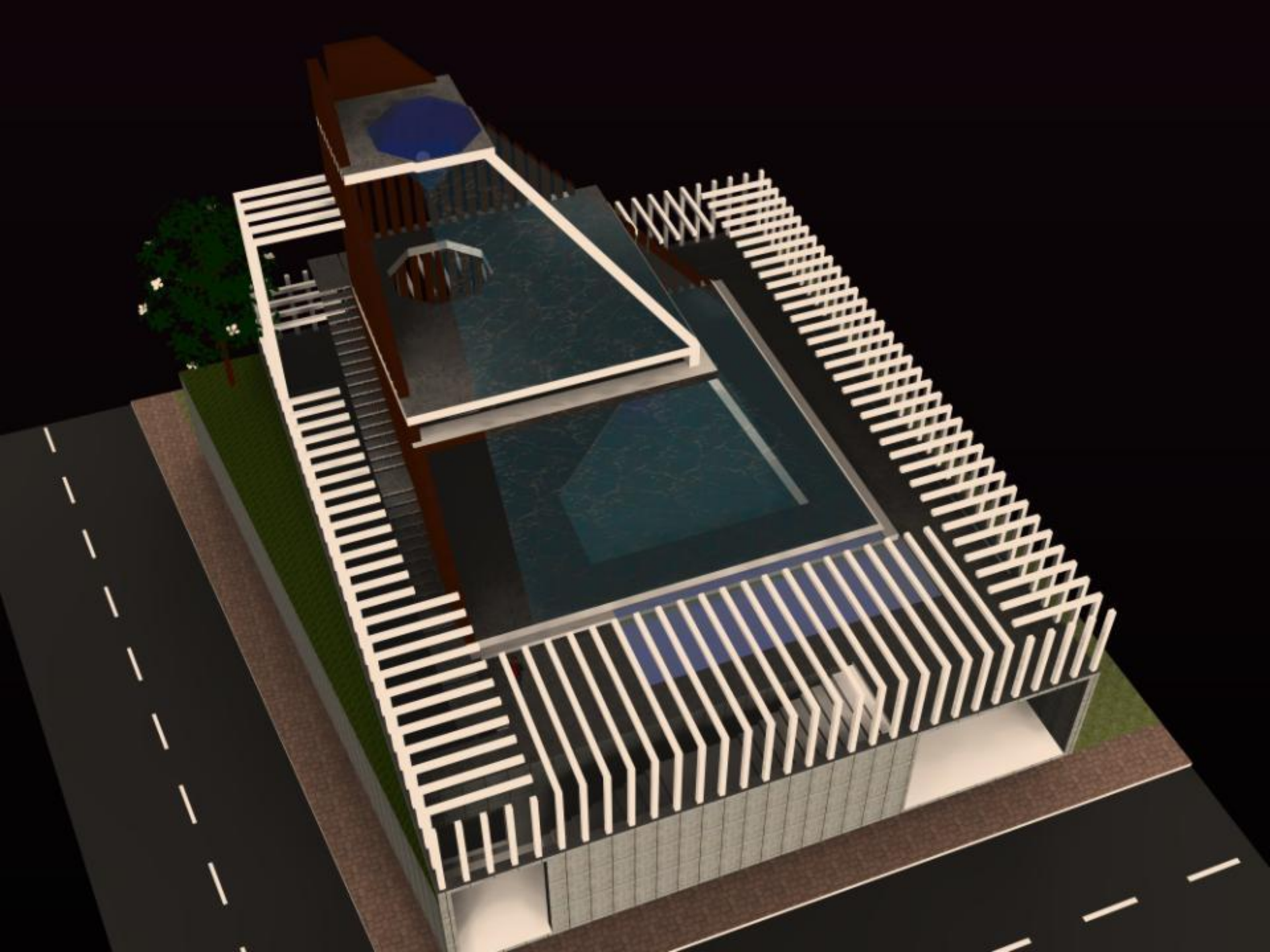


COMPUTER GAVE MAN

A NEW ORDER OF EXPRESSION











**LIFE**

***science and technology,***

***Human imagination and innovation,***

**continuous *flux of change***

Conference

Library

Digi-Library

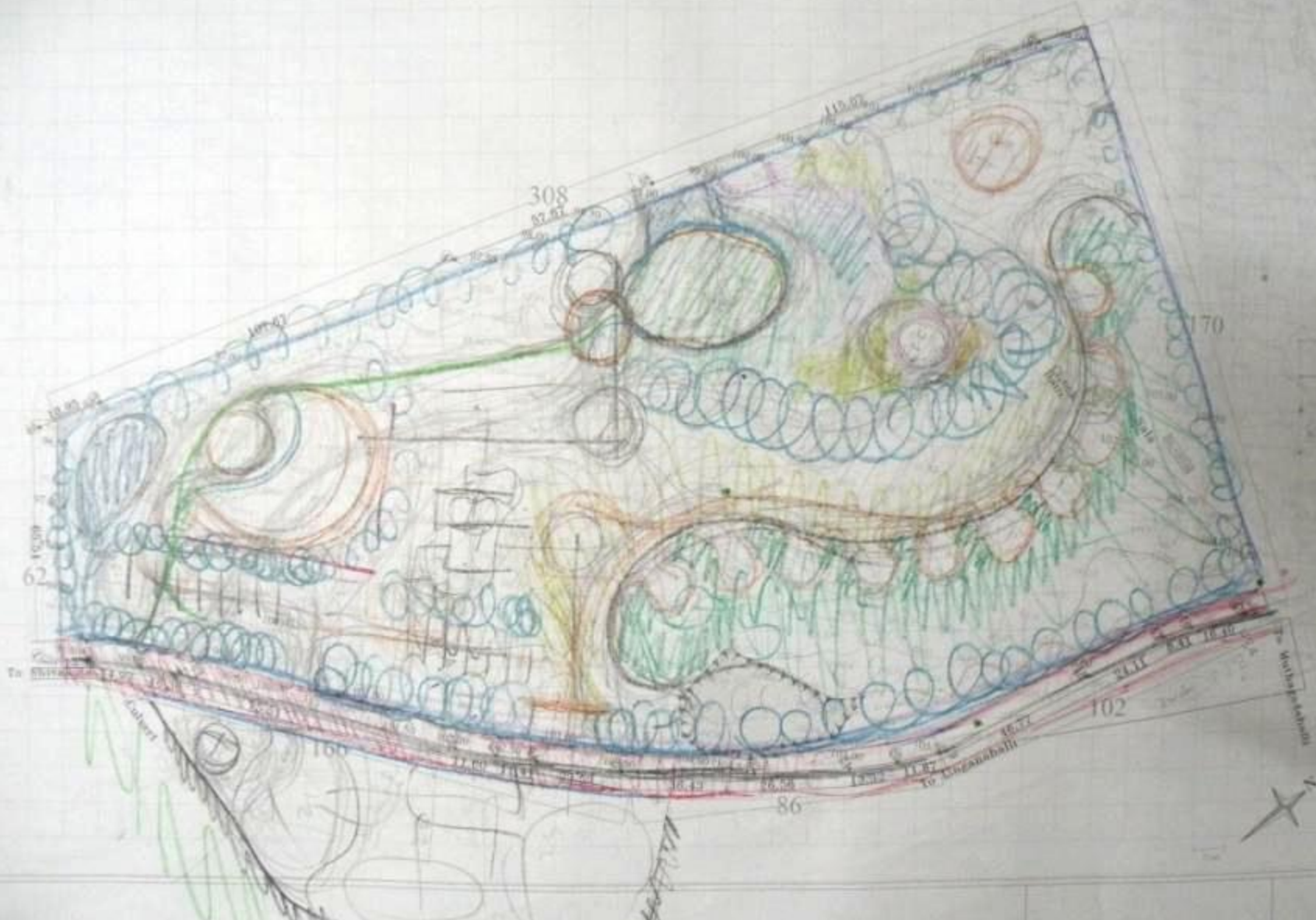
Admin

ADJACENT

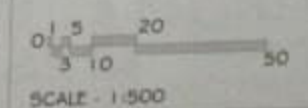
Kitchen/  
Cafeteria







CENTRE FOR SCIENCE TECHNOLOGY AND POLICY, BENGALURU



JFPPL

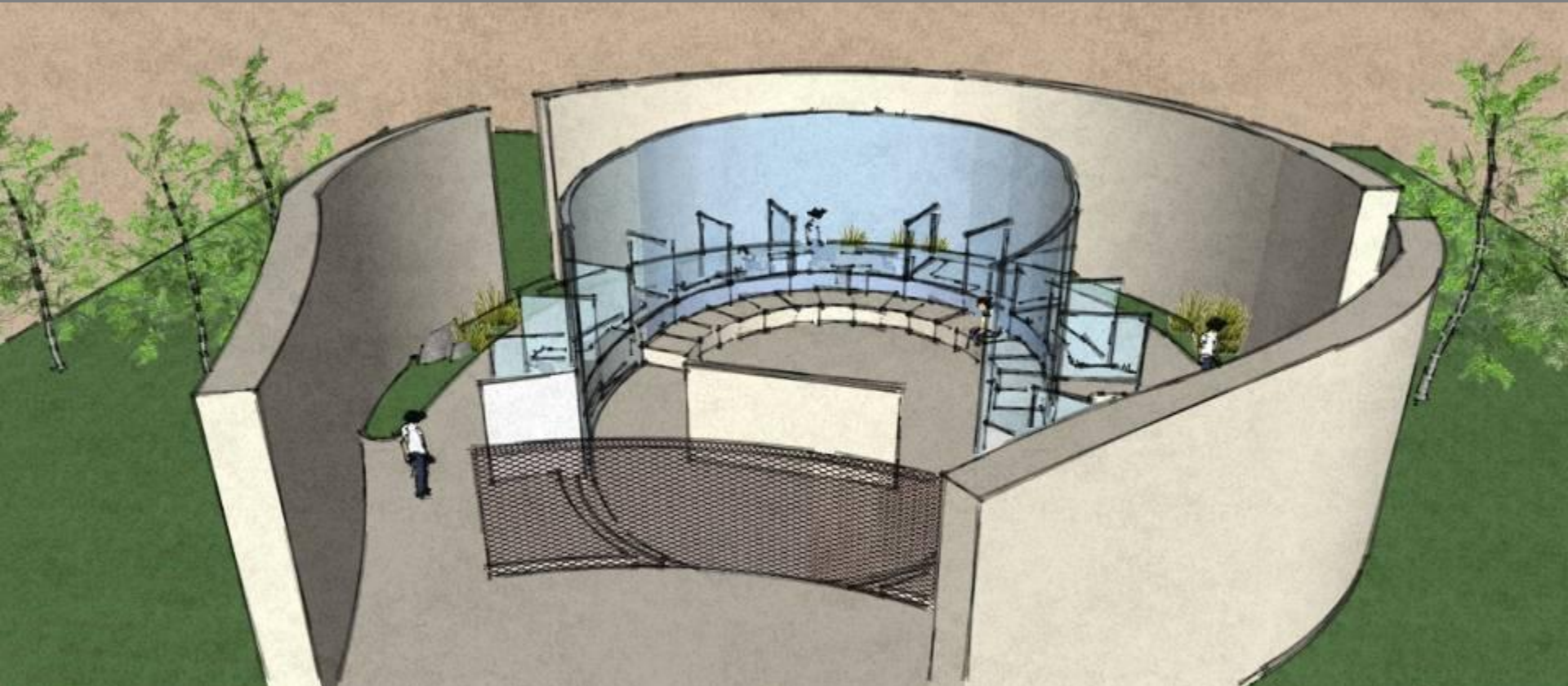


















*DESIGNING THE FUTURE....*

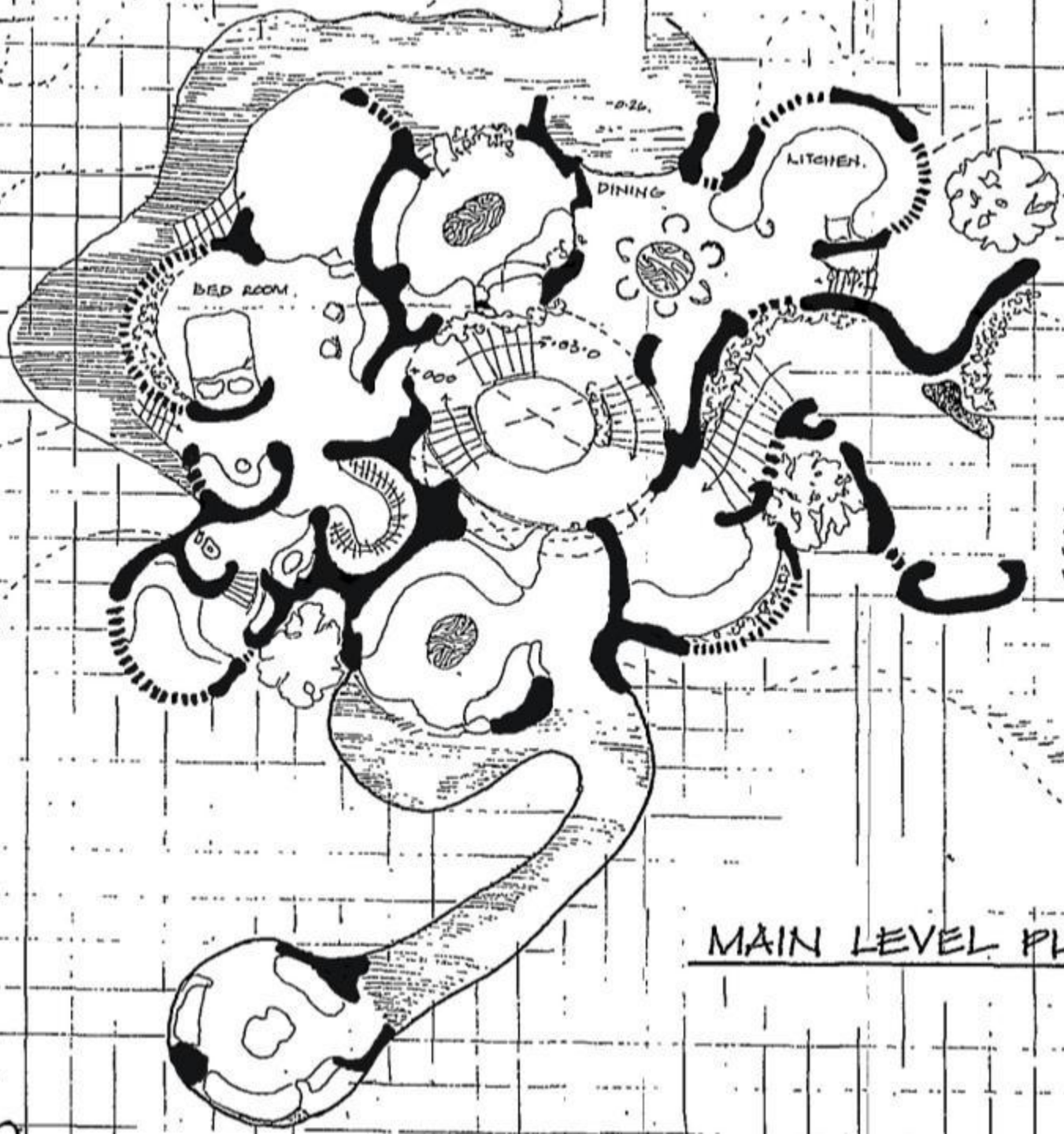






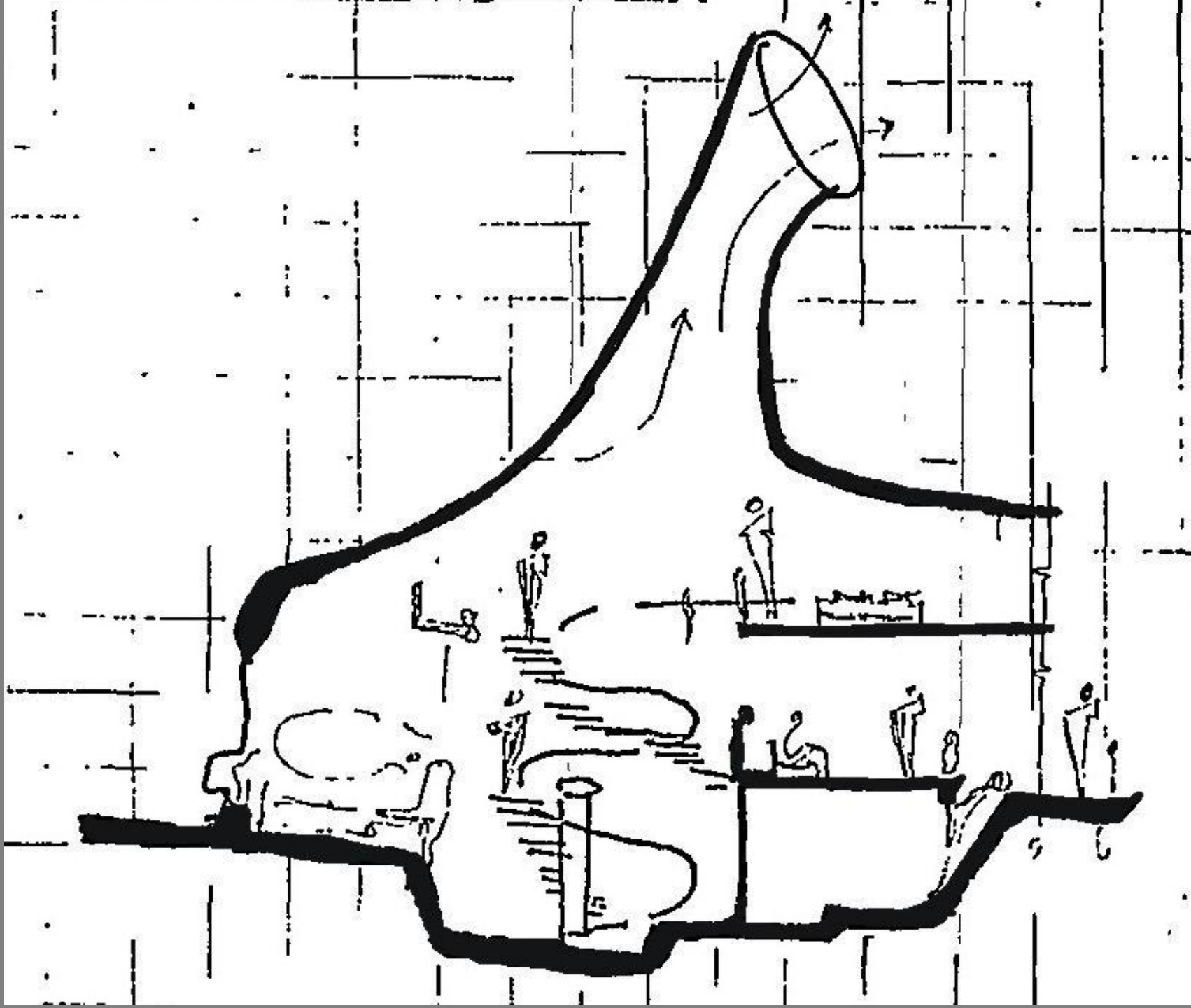






MAIN LEVEL PLAN







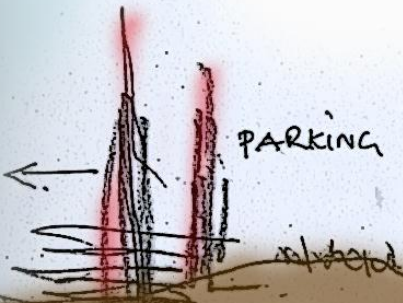
*CITIES OF  
THE FUTURE....*



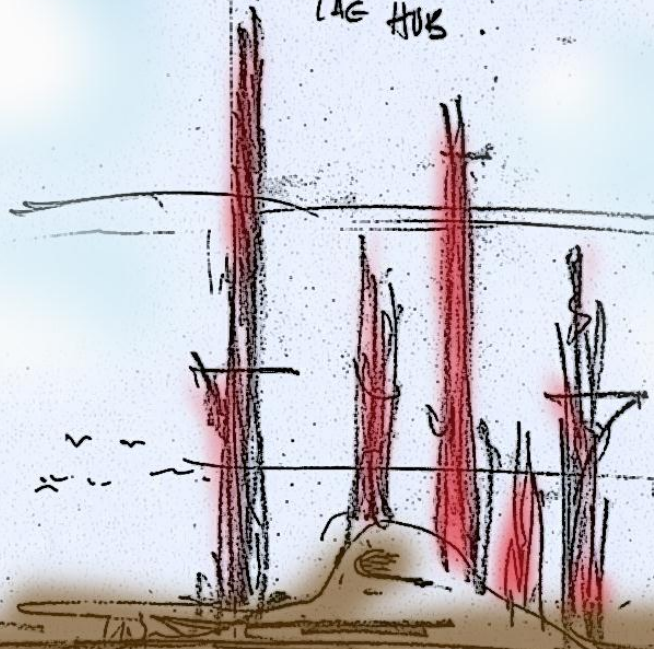
MILE HIGH

CITY CENTRE  
TAG HUB

SUB  
OR



PARKING



PARKING  
LOTS

ORG. LINKS

RURAL

SUBURBAN

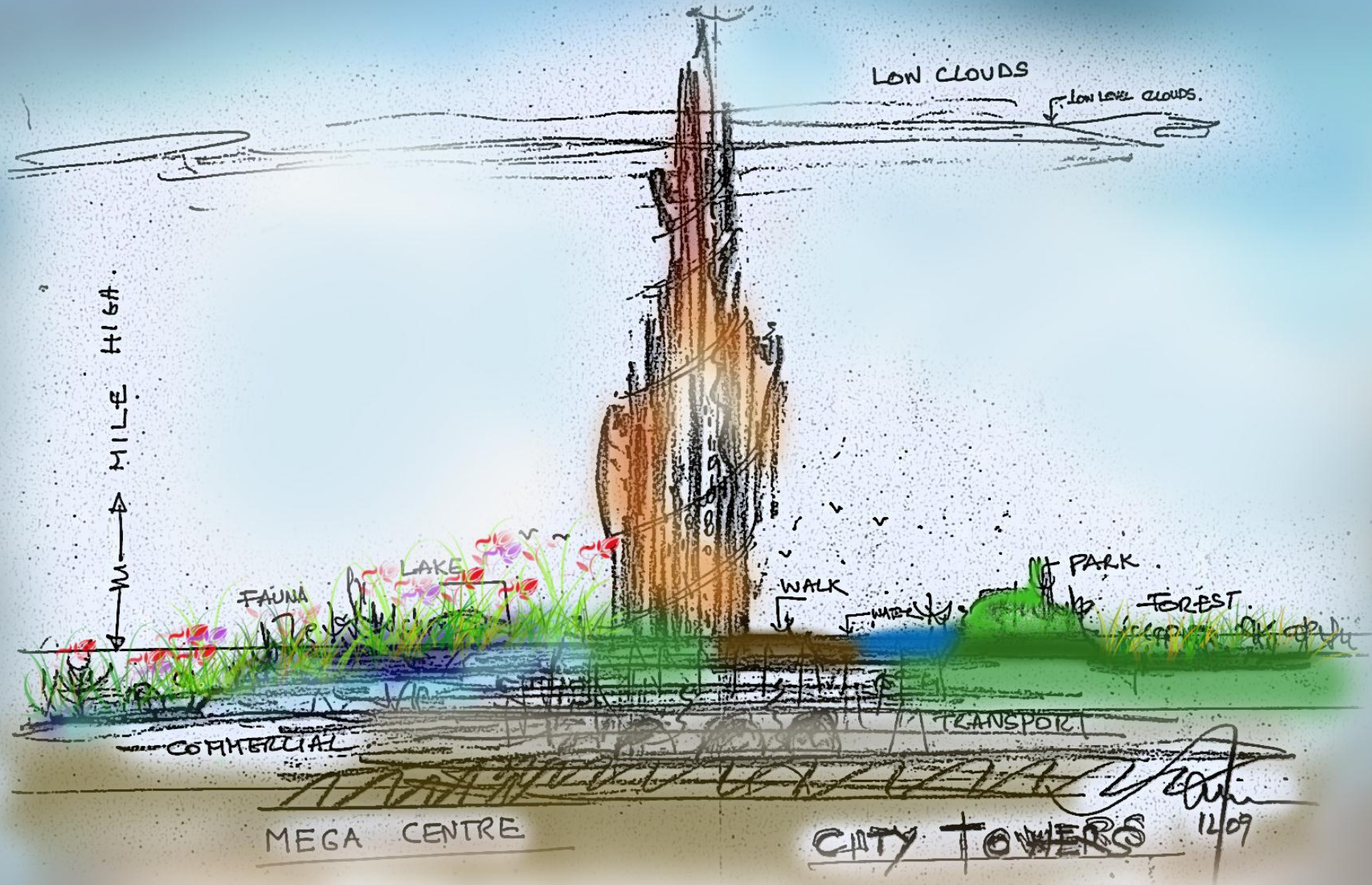
CORE

INTER CITY  
TRANSPORT

*[Signature]*  
07/12/09

2009





LOW CLOUDS

LOW LEVEL CLOUDS

MILE HIGH

FAUNA

LAKE

PARK

FOREST

WALK

TRANSPORT

COMMERCIAL

MEGA CENTRE

CITY TOWERS

12/09

2009



# The Ponce

## Future

HOSPITALITY

RESIDENTIAL

COMMERCIAL

TERRACES

ENTERTAINMENT

WATER

PARKING AND MALLS

TRANSPORT.

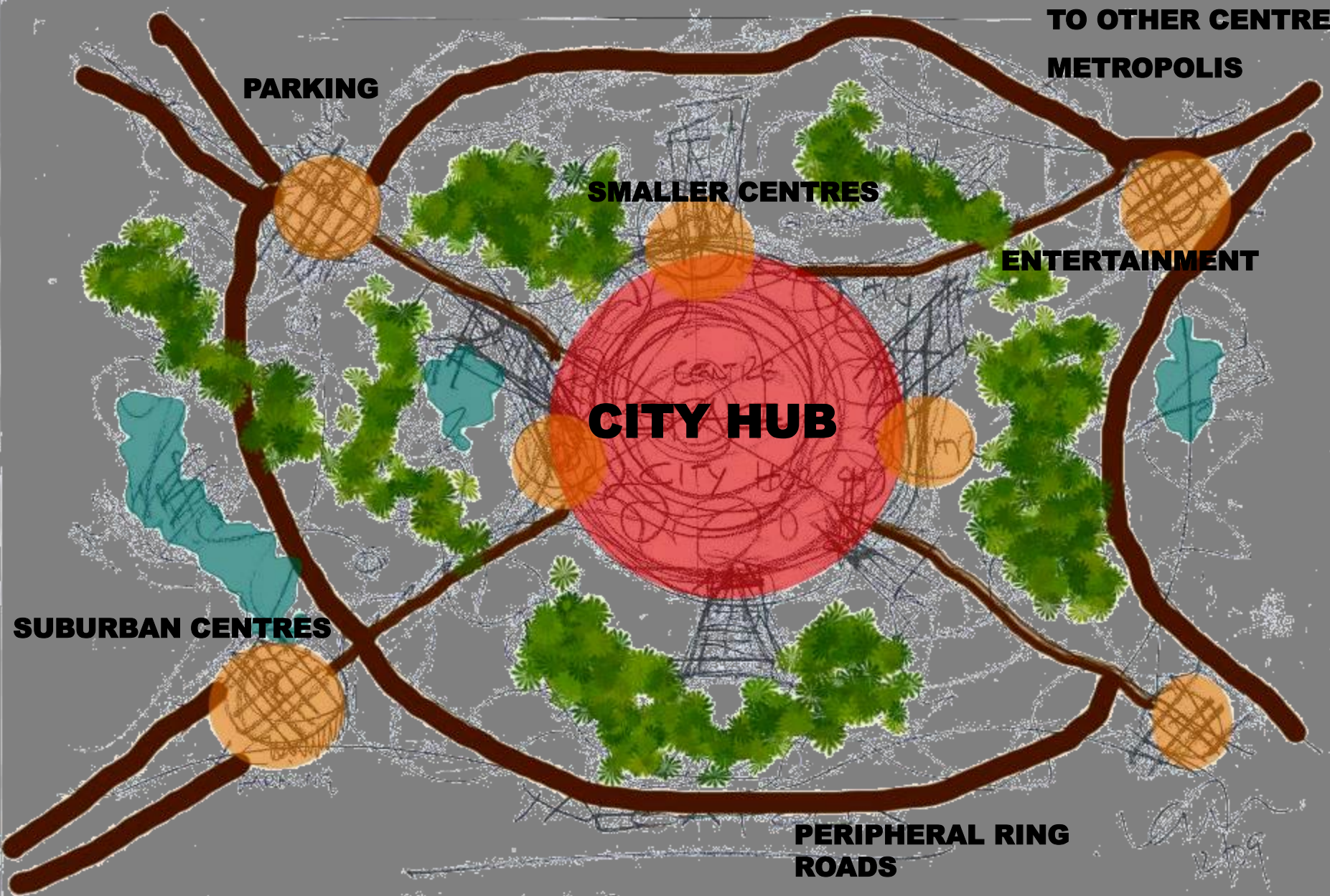
FUTURE CONDOMINIUMS

↑ HIGH TOWERS ↑

12/09  
win

2009





**TO OTHER CENTRES  
METROPOLIS**

**PARKING**

**SMALLER CENTRES**

**ENTERTAINMENT**

**CITY HUB**

**SUBURBAN CENTRES**

**PERIPHERAL RING  
ROADS**

MEGA POLIS

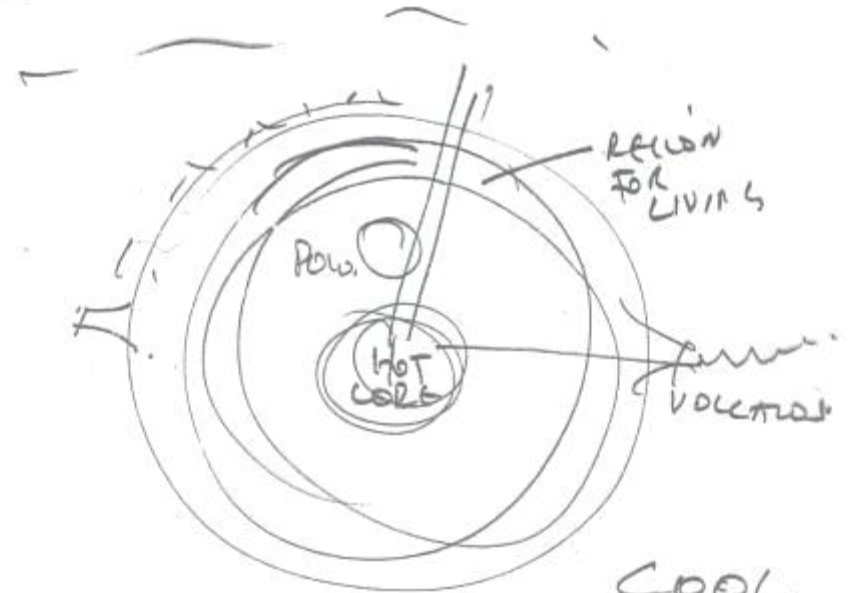


# Improbable- -Probable

THE  
HUMAN MIND....

W A CITY DOWN UNDER

WILD VIEW



MAKING THE  
IMPROBABLE  
PROBABLE

THE HUMAN MIND

PRESERVATION:  
- CONSERVATION

MIND  
OVER  
MATTER

KOOL GOLD MINES



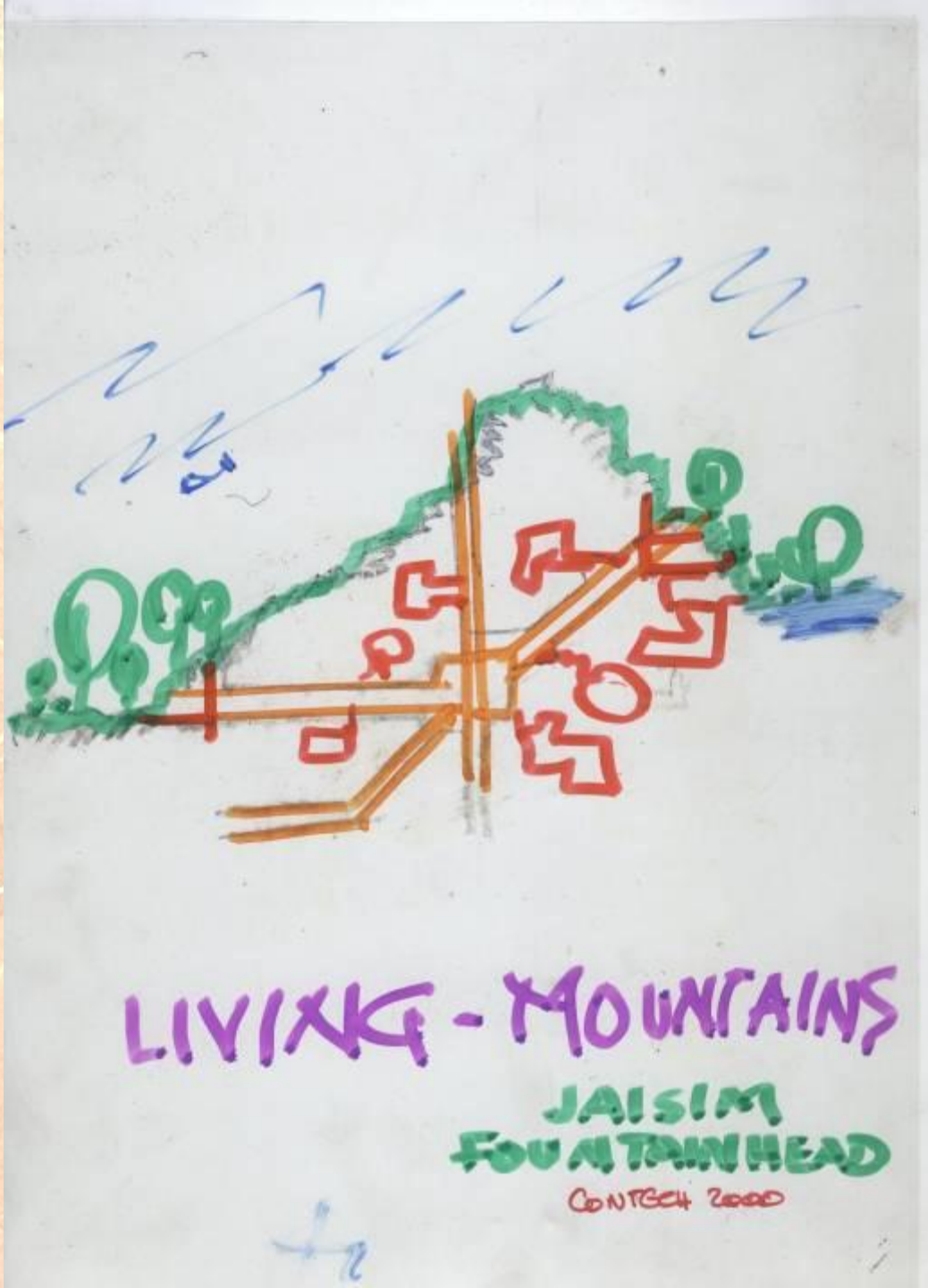
Housing

LIVING-MOUNTAINS

EGYPT







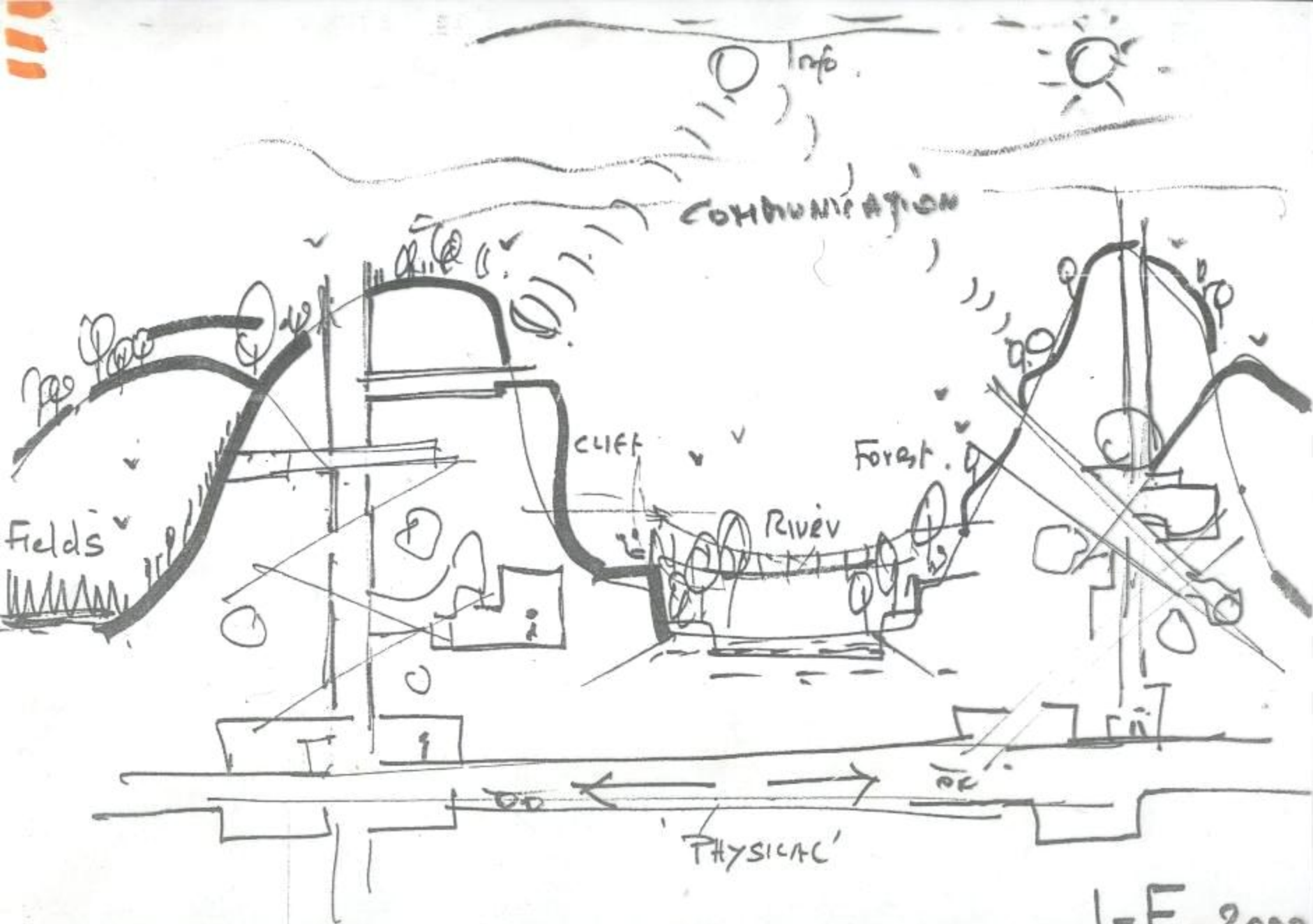
A hand-drawn sketch in pencil or light ink on a white background. The sketch depicts a landscape with several buildings of varying heights and shapes, some with windows. A river or stream flows through the center, with a bridge crossing it. To the left, there are fields with a fence line. The sky contains a sun with rays and some clouds. The word 'COMMUNICATION' is written in the upper middle part of the sketch. At the bottom, there are two horizontal lines with arrows pointing in opposite directions, and the word 'PHYSICAL' is written below them. In the bottom right corner, 'J-F 2000' is written.

**CONNECTIVITY....**

**COMMUNICATION.....**

**MOBILITY.....**





J-F 2000


A photograph of a waterfall cascading down a rocky ledge into a pool of water, surrounded by dense green foliage. The image is slightly faded and has a soft, ethereal quality. The text "ENERGY" is overlaid in the upper right, "IS" is in the middle right, and "LIFE" is in the lower right.

**ENERGY**

IS

**LIFE**





Thank you.....

*Amin*