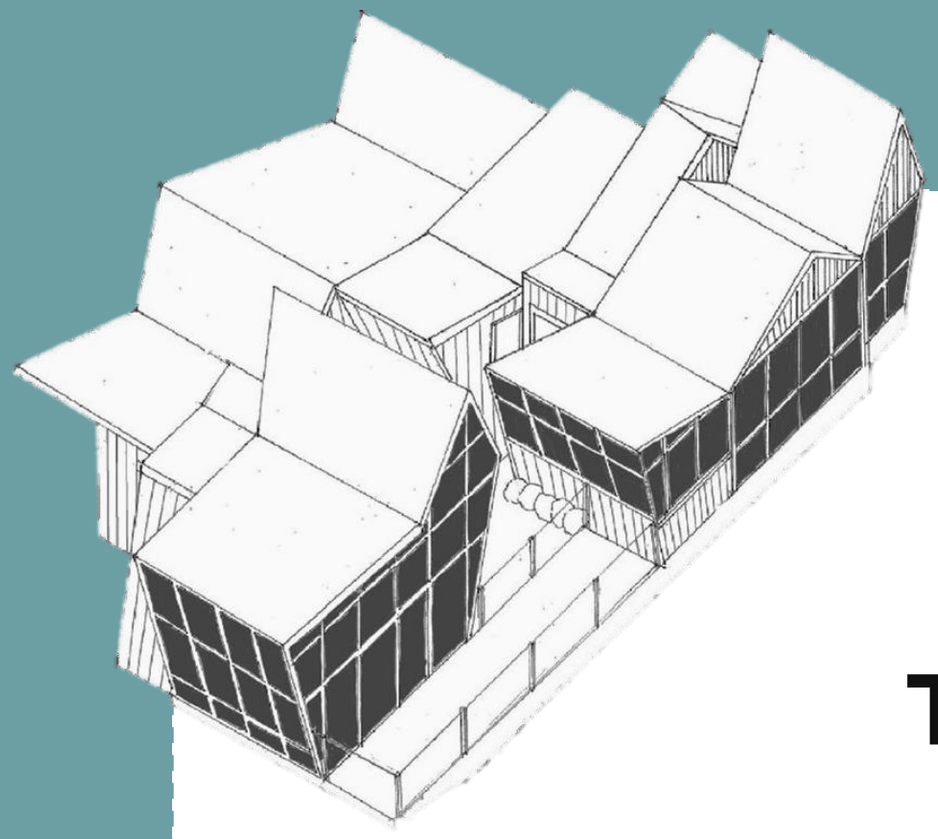


Infrastructure University
Kuala Lumpur

THE HOUSE

SUBJECT NAME: STUDIO 1B
SUBJECT CODE: ARCH 1120
NAME: TESARINA KATHRINE GOMME
ID: 193921447

EXAM ID: 50686
SEMESTER THREE: SEPT/OCT 2019
LECTURER: AHMAD MUNA'IEM BIN A. FAUZI

CONTENT

ACKNOWLEDGEMENT

SO FAR THIS PROJECT HAS BEEN ONE OF THE MOST CHALLENGING FOR THIS SEMESTER IN MY DEGREE.

I HAVE RECEIVED A LOT OF ENCOURAGEMENT FROM NUMEROUS PEOPLE.

FIRST OF ALL I WOULD LIKE TO THANK THE ALMIGHTY FOR THE PATIENCE AND GUIDANCE DURING ALL THE DIFFICULT TIMES AND HARDSHIP ENCOUNTERED THROUGHOUT THIS EXCEPTIONAL PERIOD.

I WOULD ALSO LIKE TO THANK MY PERCIOUS PARENT AND MY PEERS FOR THEIR WORDS OF ENCOURAGEMENT AND THEIR ABSOLUTE, CONSTANT SUPPORT.

MY GRATITUDE GOES TO MY LECTURER MR. MUNA'IEM FOR HIS CONTINUOUS FEEDBACK TO ALLOW FOR INDEPTH PROGRESSION TO COMPLETE THIS PROJECT. HIS SENSE OF INTELLECT HAS ENABLED ME TO ELEVATE MY UNDERSTANDING AND APPRECIATION FOR THIS COURSE.

THE HOUSE

INTRODUCTION

GREETINGS! MY NAME IS TESARINA GOMME. I AM IN MY FIRST YEAR, THIRD SEMESTER IN BACHELOR OF SCIENCE IN ARCHITECTURAL STUDIES.

IF I WOULD GO BACK AND REFRESH MY UNDERSTANDING BASE ON THE CREATION OF THIS FINAL PROJECT, THERE WOULD BE A NECESSITY TO UNDERSTAND AND TO RELATE THE INITIAL DESIGN INTENTION TO WHAT SHOULD BE DESIGN AND BUILD FOR THE CLIENT BASED ON THEIR NEEDS.

A CLIENT NEEDS MUST BE MET AS A PRIORITY AND THE ABILITY TO UNDERSTAND THE CLIENT DREAM OR CONCEPT IDEA SHOULD BE DONE WITHOUT PLACING YOUR PERSONAL INTEREST IN THE PROJECT, UNLESS IT IS VALUABLE.

I HAVE UNDERSTOOD THAT THE PROCESS OF DESIGN DOES NOT PRIMARILY BEGIN ON A PIECE PAPER OR A DESIGN SOFTWARE, BUT BEGINS IN THE PROCESS OF UNDERSTANDING THE SITE IN RELATION TO THE CLIENT'S INTEREST.

PRIOR TO ANY PRELIMINARY DESIGN, A COMPULSORY SITE VISIT SHOULD BE DONE. THIS IS TO UNDERSTAND THE GEOGRAPHICAL STUDY OF THE LAND, ALLOWING THE IDEA TO WORK SMOOTHLY WITHOUT ANY CAUSE OF INTERRUPTION WHILST IMPLEMENTING THE WORK.

TASKS

1. STUDENTS NEED TO FIND A PRECEDENT STUDY OF A RETREAT HOUSE.

2. STUDY THE PLAN – SPACE ARRANGEMENT, SPATIAL DESIGN, CIRCULATION
3. & RESPOND TO CONTEXT

4. STUDY THE FORM – THE ARCHITECTURE ELEMENT, THE DESIGN CHARACTER

5. REDRAW THE PLAN, ELEVATION & SECTION.

6. DO PRESENTATION BOARDS CONSIST OF – DESIGN CHARACTER & DRAWINGS.

PRECEDENT STUDY

SOU HOUSE

IKOMA, NARA, JAPAN

By: Tesarina Gomme
193921447

CLIENTS DETAILS

CLIENT:

- TAKASHI HAGIHARA
- KANAE HAGIHARA

THE CLIENTS ARE OUTDOOR ENTHUSIAST.

THEY WANTED TO USE THE SPACE BY CREATE AN ILLUSION OF ONE STOREY HOUSE

FOR THE SITE, THEY WANTED TO MINIMISING ANY CHANGES AND NO MODIFICATION OF THE LAND TO KEEP THE NATURAL EXISTING TOPOGRAPHY OF THE LAND.

ARCHITECT'S DETAILS

ATELIER THU, IS FIRM BASE IN JAPAN

LEAD ARCHITECTS:

- ASUKA TSUBOI
- TAKAHIRO HOSOGAI
- SATOSHI UEDA

atelier thu

CONTACT: 078-599-9867

WEBSITE: thu-architect.com

EMAIL:

ADDRESS:

650-0024 3-2-19 KAIGAN-DORI, CHUO-KU, KOBE-SHI, HYOGO OTONAKA

SUNSHINE BUILDING 403

PROJECT DETAILS

NAME: *SOU HOUSE*

LOCATION: *NARA, HIGASHI-IKOMA, JAPAN*

SCALE: *TWO-STORY WOODEN*

SITE AREA: *274.59 SQM*

TOTAL FLOOR AREA: *112.61 SQM*

LENGTH AND WIDTH: *5.910M x 11.830M*

TOTAL HEIGHT: *5.750M*

STATUS: *COMPLETED IN 2020*

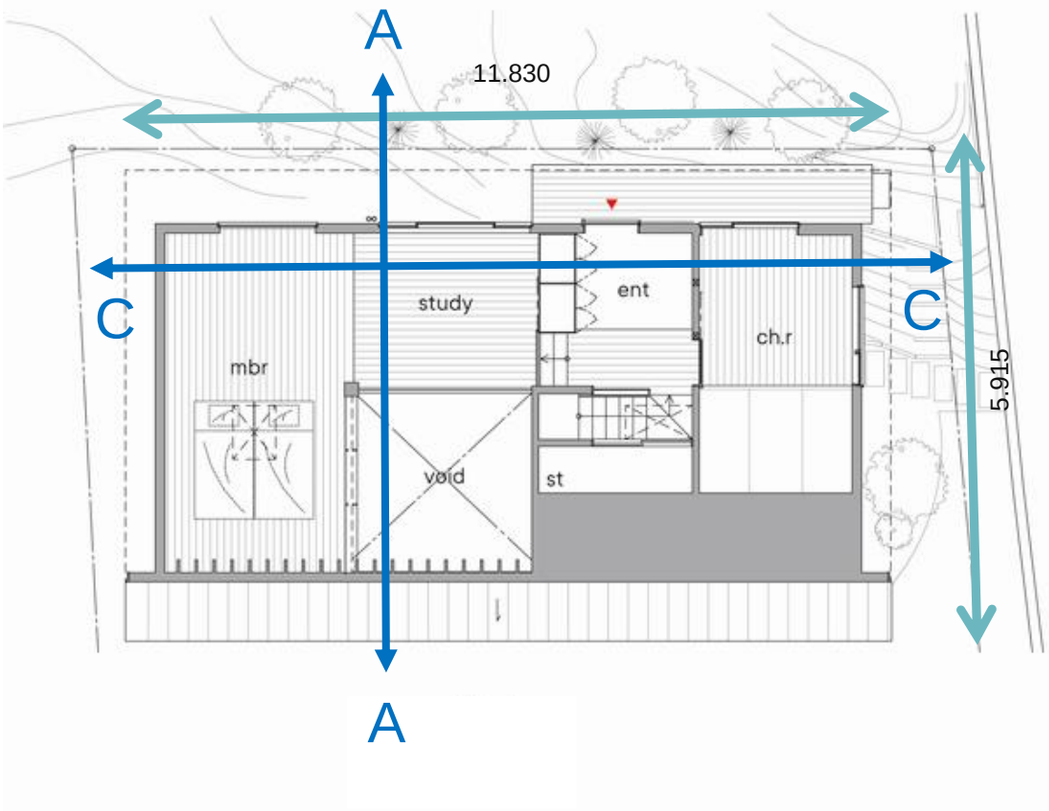
PROJECT LOCATION

IKOMA IS A CITY IN THE NORTHWESTERN END OF NARA PREFECTURE, JAPAN.

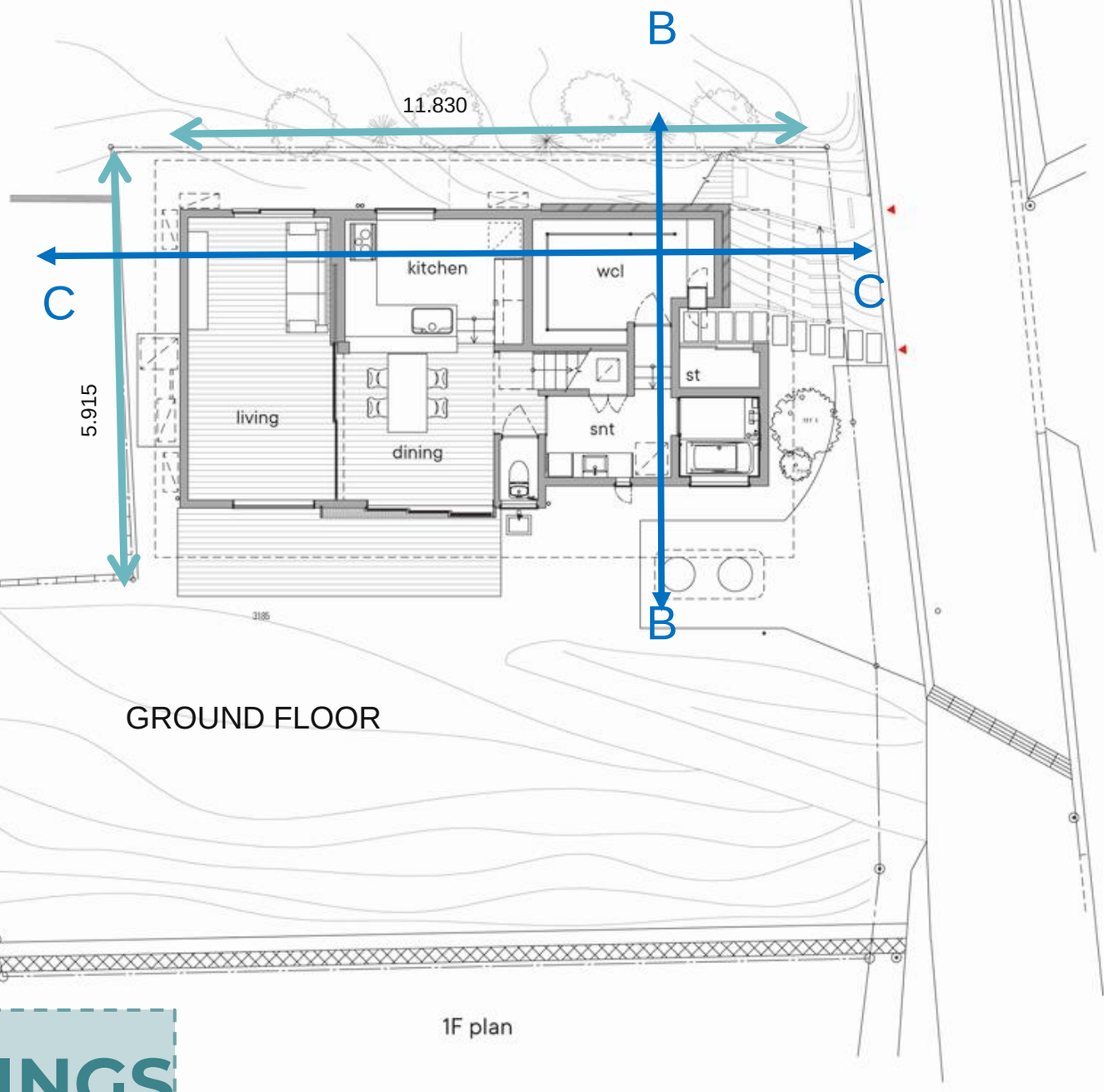
HIGASHI IKOMA IS LOCATED IN THE MOUNTAINS LIKE THE *IKOMA MOUNTAINS* AND THE *YADA HILLS*, AND NATURE REMAINS IN PLACES.

IT IS A HIGH-CLASS RESIDENTIAL AREA.

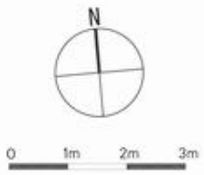
THE PROJECT SITE IS LOCATED ON THE NORTH SIDE OF THE RAILWAY LINE.



FIRST FLOOR



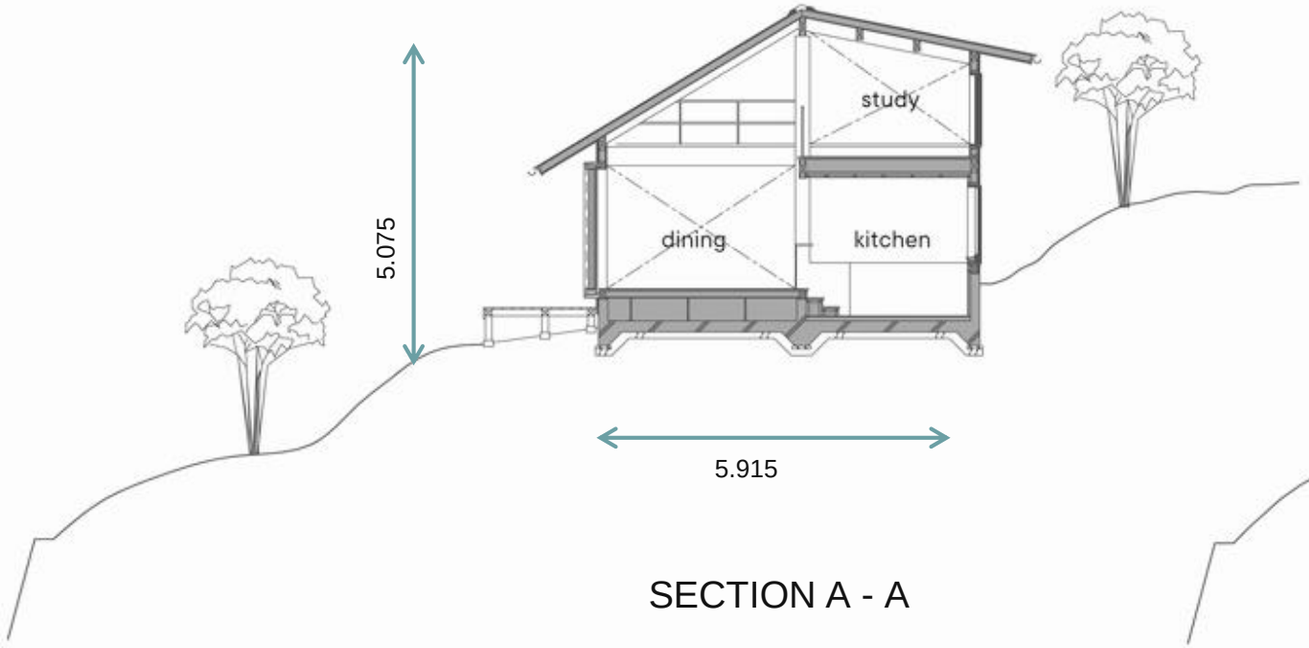
GROUND FLOOR



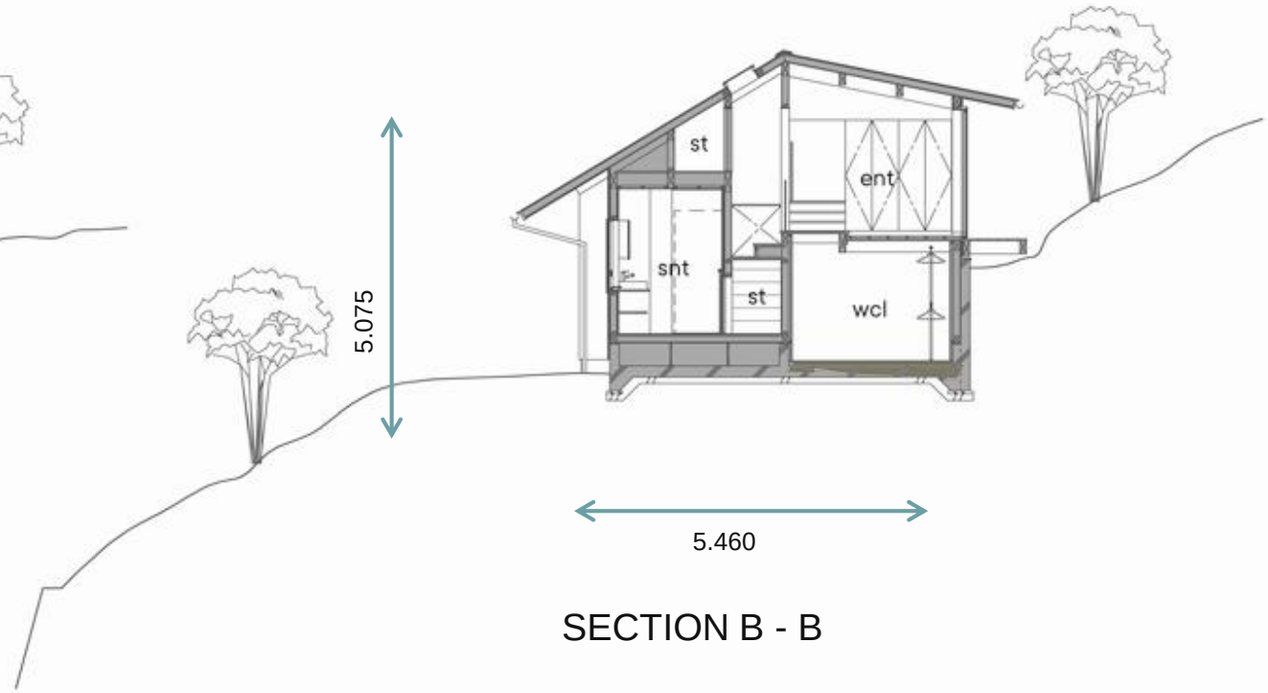
1F plan

DRAWINGS

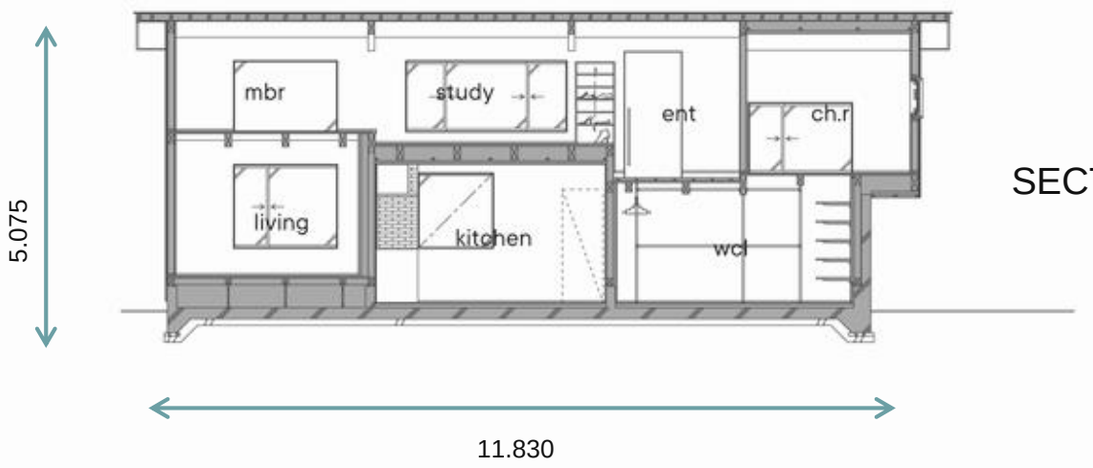
PLAN VIEW WITH DIMENSION



SECTION A - A



SECTION B - B



SECTION C - C

0 1m 2m 3m

DRAWINGS

SECTION VIEW WITH DIMENSION

PRELIMINARY DESIGN

3D MODELLING

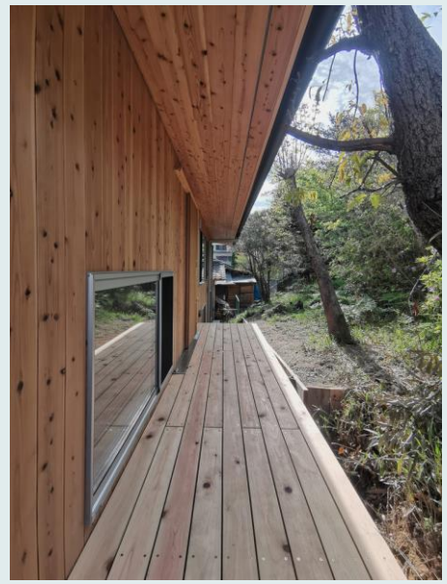
HOUSE RENDERING

EXTERIOR DESIGN

NIGHT VIEW

SIDE VIEW

BACK VIEW



FRONT VIEW

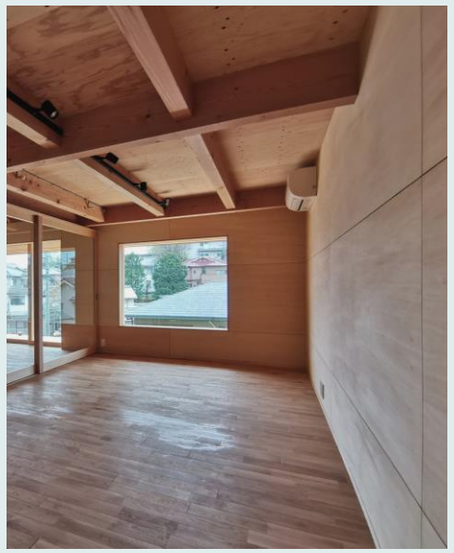
SIDE VIEW

INTERIOR DESIGN

Ground Floor

LIVING ROOM

LIVING ROOM



KITCHEN

KITCHEN

SANITARY ROOM

DINNING ROOM

INTERIOR DESIGN

First Floor

MASTER BEDROOM

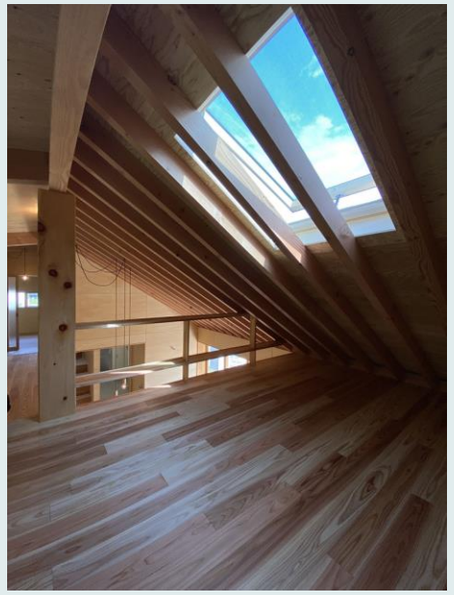
ENTRANCE

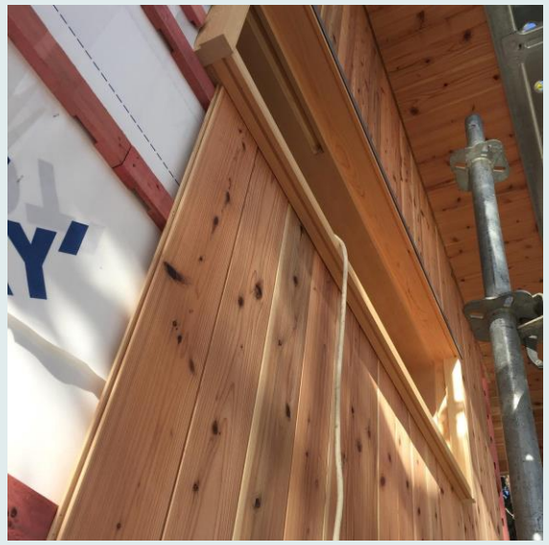
STAIRCASE ENT.

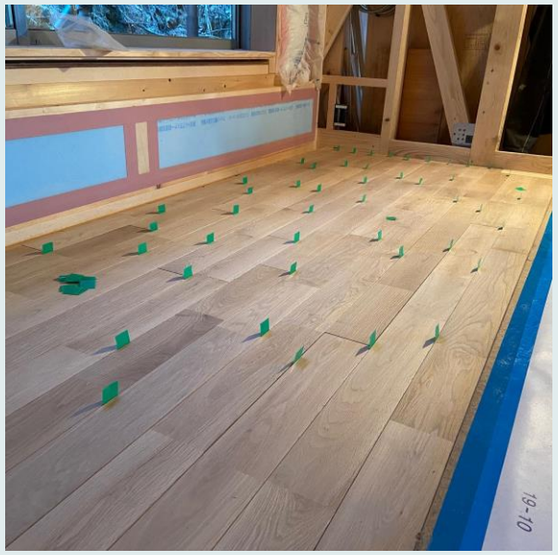
CHAMBER ROOM

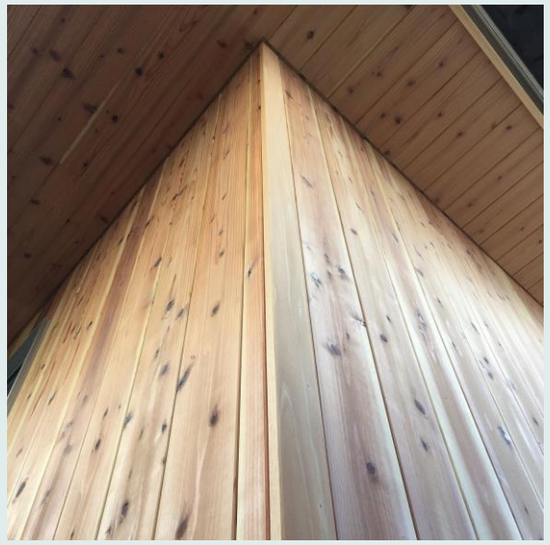
STUDY ROOM

MASTER BEDROOM









CONSTRUCTION PROCESS

STUDY THE PLAN

LEVEL OF PRIVACY

PRIVATE	SEMI - PRIVATE	PUBLIC
MASTER BEDROOM	BATHROOM	COMMERCIAL ENTRANCE
CHAMBER ROOM	SANITARY ROOM	LIVING ROOM
STUDY ROOM	KITCHEN	DINNING ROOM
STAIRCASE	WALK-IN CLOSET	SECONDARY ENTRANCE

SPATIAL ORGANISATION AND RELATIONSHIP

THE ‘SOU HOUSE’ CAN BE CLASSIFIED AS A CLUSTER ORGANIZATION IN THE GROUP OF SPATIAL ORGANIZATION.

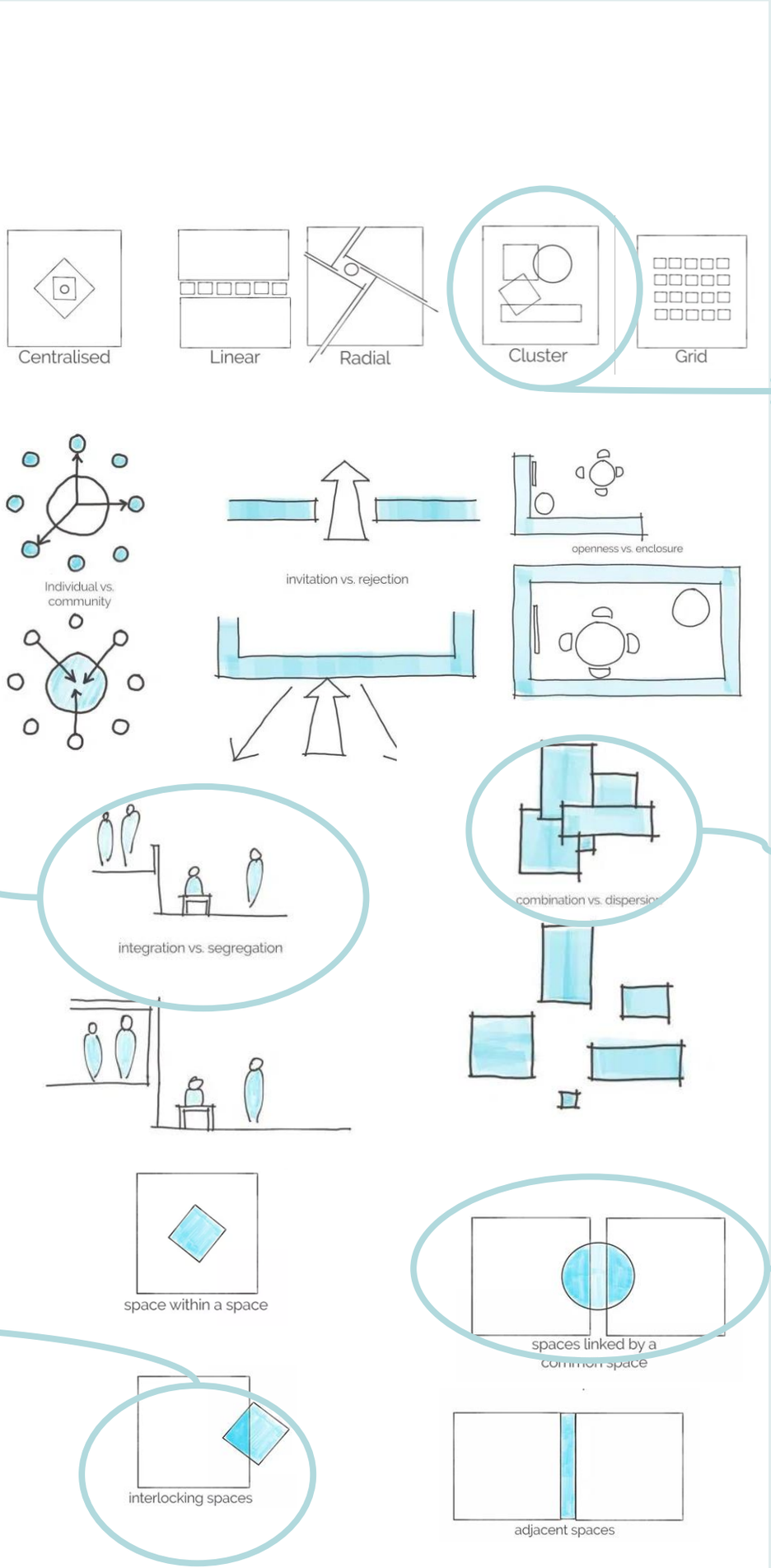
- HOW PEOPLE INTERACT WITH THEIR ENVIRONMENTS

  IN THE CASE OF THE HOUSE, WE HAS INTERGRATION RATHER THAN SEGREGATION.

  THIS IS DUE TO THE OPEN SPACE AND NO SEPARATES BETWEEN EACH ROOMS.

- INTERLOCKING SPACES IN OTHER WORDS;

  A CLUSTER OF INTERLOCKING FORMS.



- THE ‘SOU HOUSE’ CAN BE CLASSIFIED AS A CLUSTER ORGANIZATION IN THE GROUP OF SPATIAL ORGANIZATION.

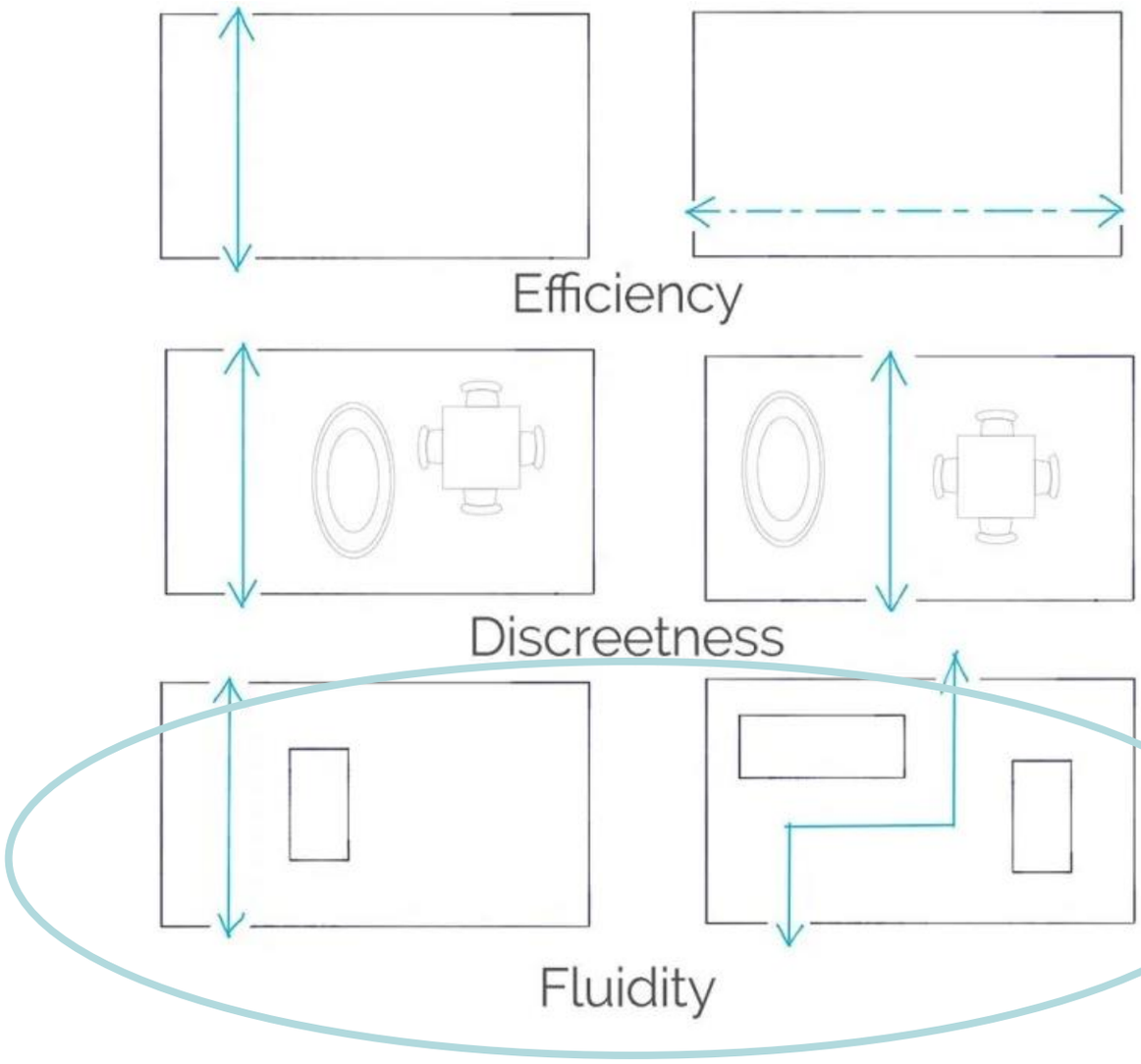
  IN THIS BEHAVIOUR THE FORMS CONNECTS OR INTERLOCK FROM ONE FORM TO ANOTHER FORM.

  THEY CONSIST OF REPETITIVE CELLULAR SPACES THAT HAVE CERTAIN VISUAL QUALITIES IN COMMON.

- WE ALSO CAN ADD COMBINATION AS ANOTHER PRINCIPLES, SIMILAR TO INTERLOCKING AS ALL ROOM CONNECTS WITH ONE OTHER.

- WE ALSO CAN ADD SPACE LINK BY A COMMON SPACE AS ANOTHER SPATIAL RELATIONSHIP TO INTERPRET REQUIREMENTS.

CIRCULATION PRINCIPLES



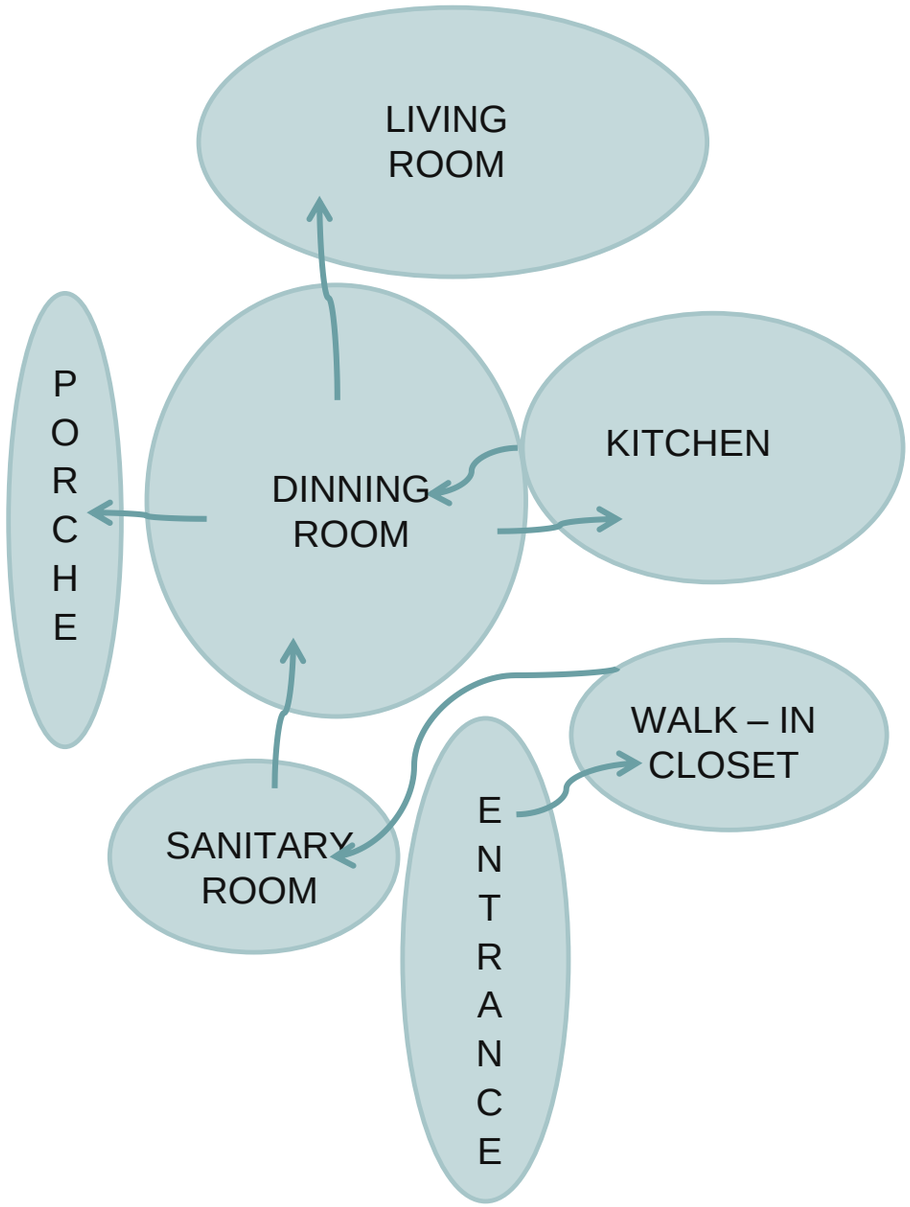
FUNCTIONALITY

IN THE CATEGORIES OF CIRCULATION PRINCIPLES OR PARAMETRIC DESIGN, THE HOUSE DESIGN WOULD FALL UNDER THE FLUIDITY.

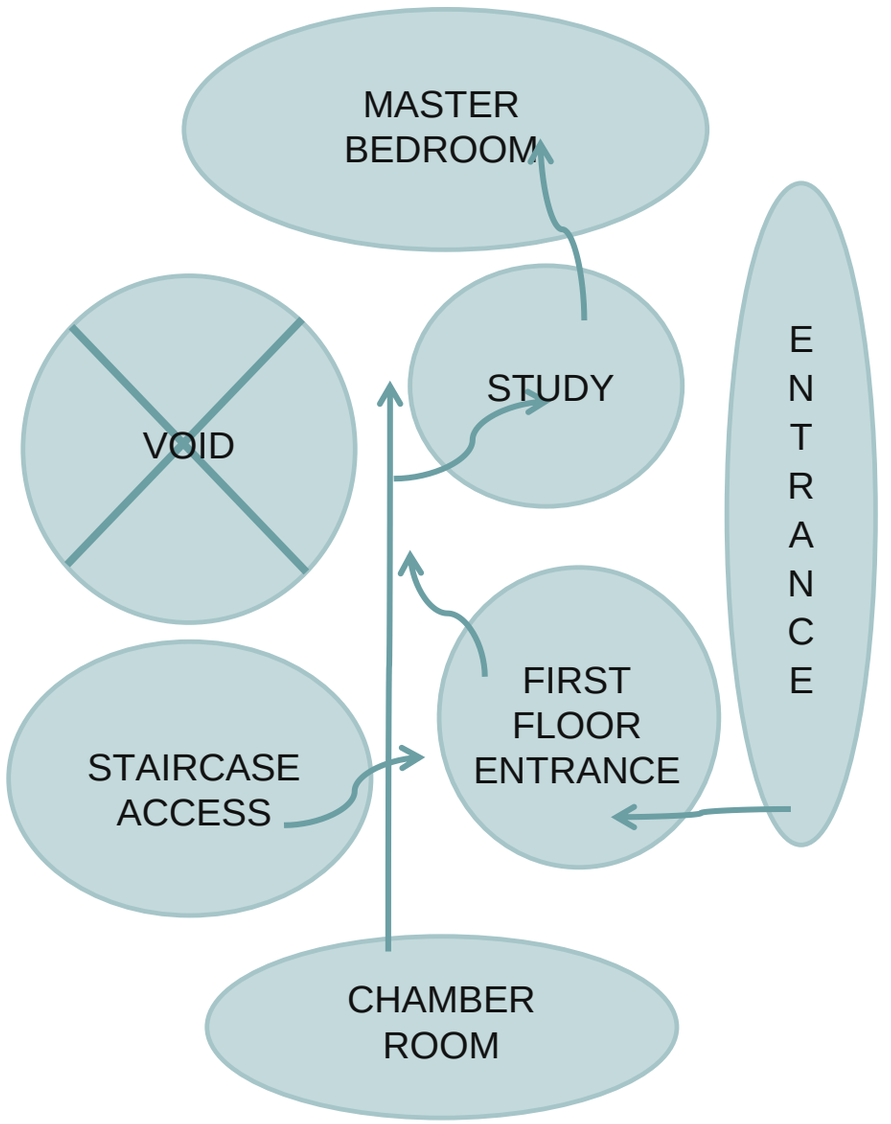
FLUIDITY IS DEFINED AS AN APPEARANCE OF A BUILDING TO BE FLOWING OR THE FLOW OF PEOPLE INSIDE A BUILDING SIMILAR TO FUILD.

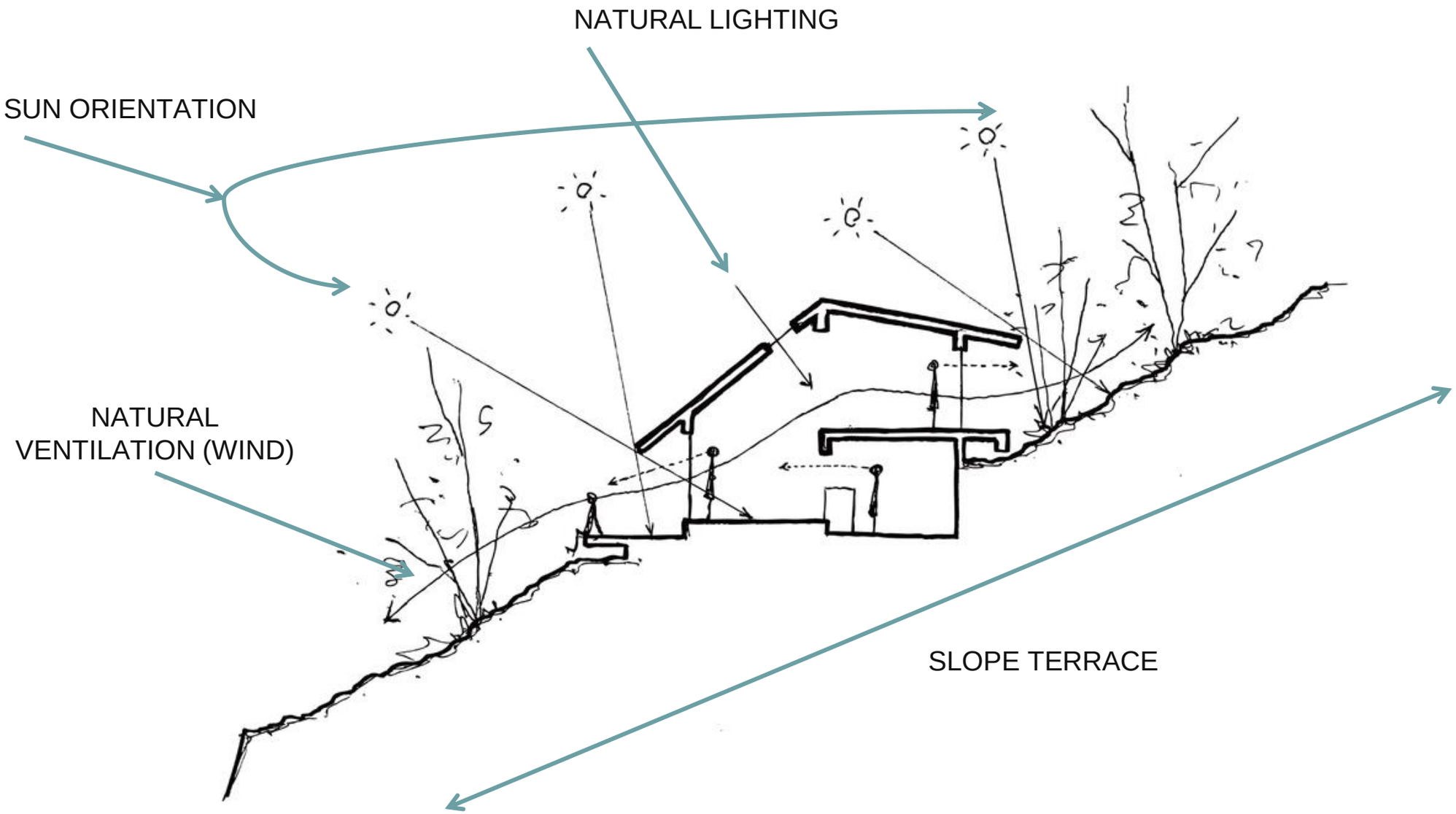
BUBBLE DIAGRAM

GROUND FLOOR MOVEMENTS FLOW



FIRST FLOOR MOVEMENTS FLOW





CLIMATE AND ORIENTATION
SITE ANALYSIS

STUDY THE FORM

TIMBER AS A MODERN MATERIAL

WHY TIMBER?

WOOD IS TAKING OVER FROM STEEL AND CONCRETE AS THE ARCHITECTURAL WONDER MATERIAL OF THE 21ST CENTURY, WITH ARCHITECTS PRAISING ITS SUSTAINABILITY, QUALITY AND SPEED OF CONSTRUCTION.

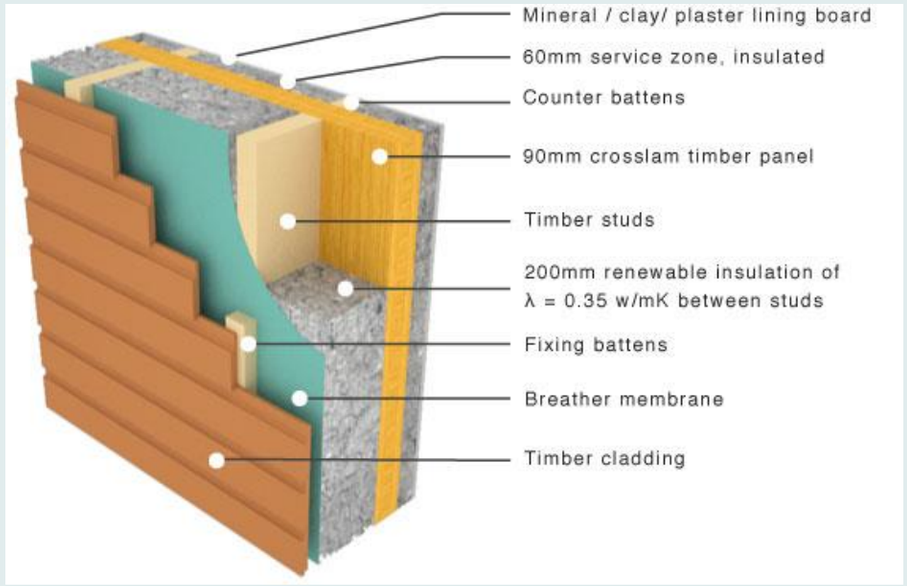
NEW TYPES OF ENGINEERED TIMBER THAT ARE CONSIDERABLY STRONGER AND MORE STABLE THAN REGULAR WOOD ARE ALLOWING ARCHITECTS TO BUILD BIGGER AND HIGHER, WITH TIMBER SKYSCRAPERS NOW A REAL PROSPECT.

"*THIS IS THE BEGINNING OF THE TIMBER AGE*," SAID UK ARCHITECT ANDREW WAUGH

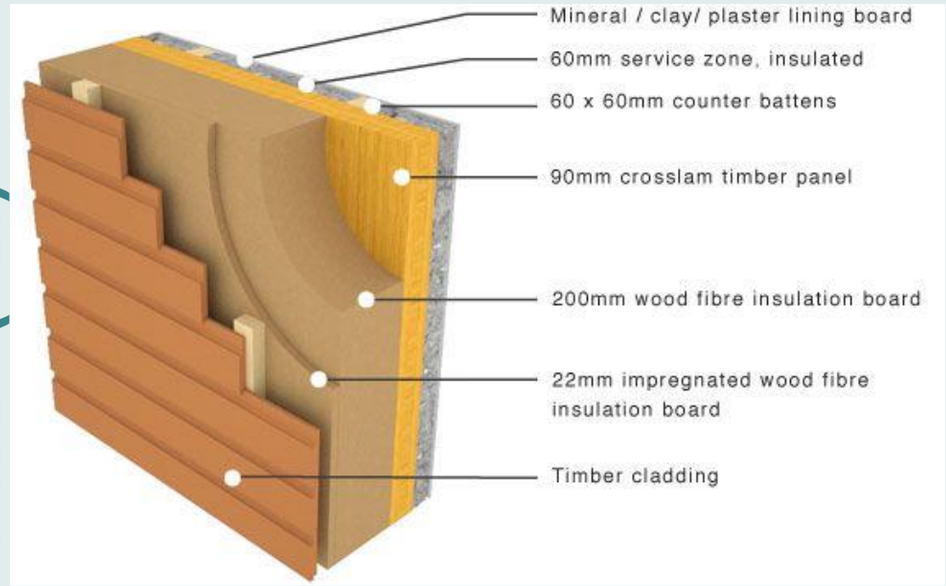
- EXCEPTIONAL INSULATOR & ENERGY SAVER
- QUICK TO BUILD AND SAVES MONEY
- ENVIRONMENTALLY FRIENDLY
- AESTHETICALLY ACROBATIC
- MECHANICAL PROPERTIES & WORKING PROPERTIES
- SAFE, LIGHT, STURDY & DURABLE
- WATER RESISTANT
- HEALTHY & NATURAL
- ACOUSTICALLY SOUND
- RUST OF FREE

MATERIALS

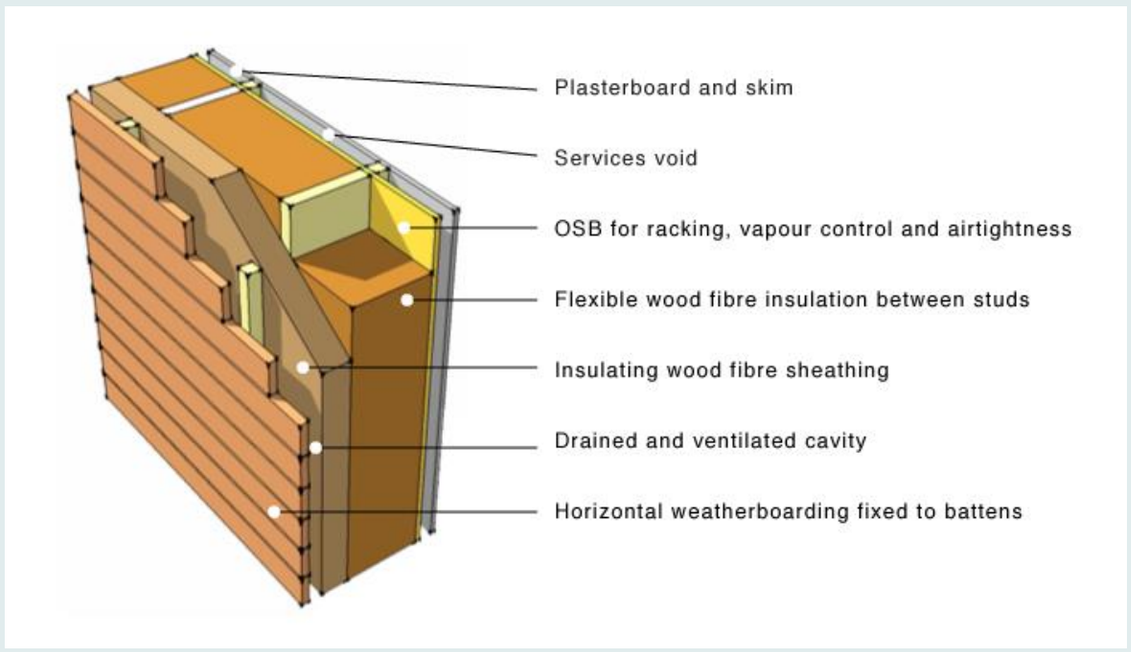
GREENSPEC CROSS LAMINATED TIMBER (CLT)



CROSS LAMINATED TIMBER (CLT)



WOOD FIBRE INSULATION



TYPICAL TIMBER DETAILS

MATERIAL: TIMBER RESEARCH

Timber Tower Hoho

Design: *RLP Rüdiger Lainer + Partner*
Location: *Vienna, Austria*

Kata House

Design: *atelier thu*
Location: *Kakogawa,*

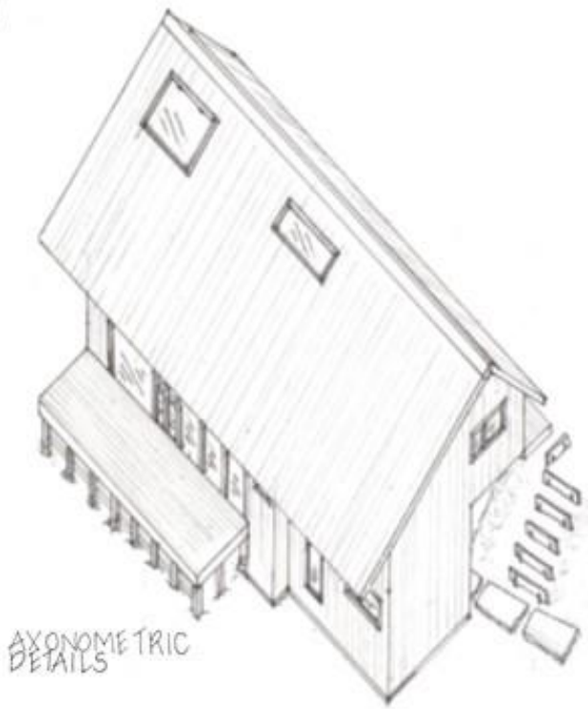
Treet

Design: *Artec AS*
Location: *Damsgårdsveien 99, Årstad, 5058 Bergen, Hordaland, Norway*

PRESENTATION BOARD

1

SOU HOUSE BY: ATELIER THU



AXONOMETRIC DETAILS

THE ARCHITECT FIRM THAT DESIGNED THE HOUSE, ARE NOT WELL KNOWN. THEY ARE CALLED ATELIER THU AND THE LEADS ARCHITECTS ARE; ASUKA TSUBOI
TAKAHIRO HOSOGAI
CATOSHI UEDA

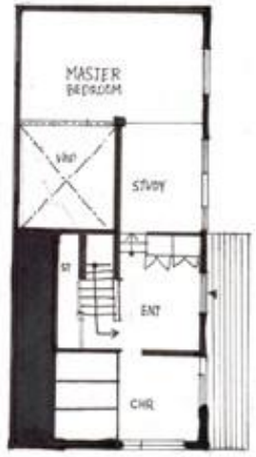
THEY ARE BASE IN KAIGAN-DORI CHUO-KU, KOBE-SHI, HYOGO OTONAKA, JAPAN.
THIS CURRENT PROJECT WAS RECENTLY COMPLETED, 2020. THEY ALSO DESIGN A SIMILIAR HOUSE LOCATED IN KAKOGOWA, JAPAN

THEY ARE BASE IN KAIGAN-DORI CHUO-KU, KOBE-SHI, HYOGO OTONAKA, JAPAN.
THIS CURRENT PROJECT WAS RECENTLY COMPLETED, 2020. THEY ALSO DESIGN A SIMILIAR HOUSE LOCATED IN KAKOGOWA, JAPAN

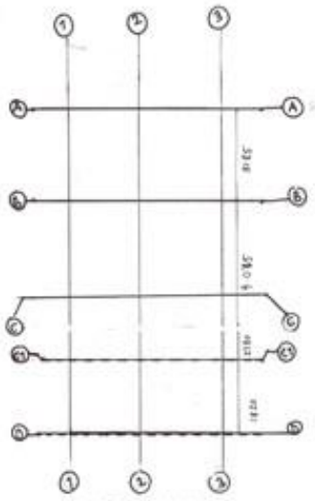
THE 'CLIENTS:
- TAKASHI HAGIHARA
- KANAE HAGIHARA

THEY ARE A YOUNG COUPLE AND THE DESIGNERS DESCRIBE THEM AS ENTHUSIATIC AND NATURE LOVER. THUS THE REASON FOR THEM CHOSEN MATERIAL; TIMBER.

GROUND FLOOR



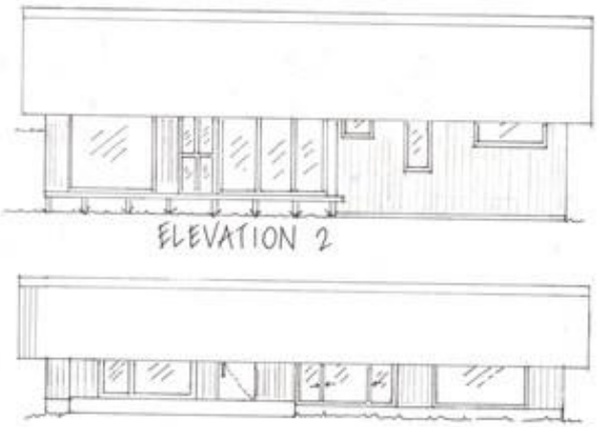
FIRST FLOOR



GRID PLAN

ELEVATION 1

ELEVATION 3



ELEVATION 2

ELEVATION 4

NAME: TESARINA GOMME
ID : 193921447
SEMESTER: SEPT/ OCT 2019
LECTURE: MR:AHMAD MUNAÏEM

2 SOU HOUSE

BY: ATELIER THU

NIGHT SETTING

FRONT VIEW

3D MODELLING

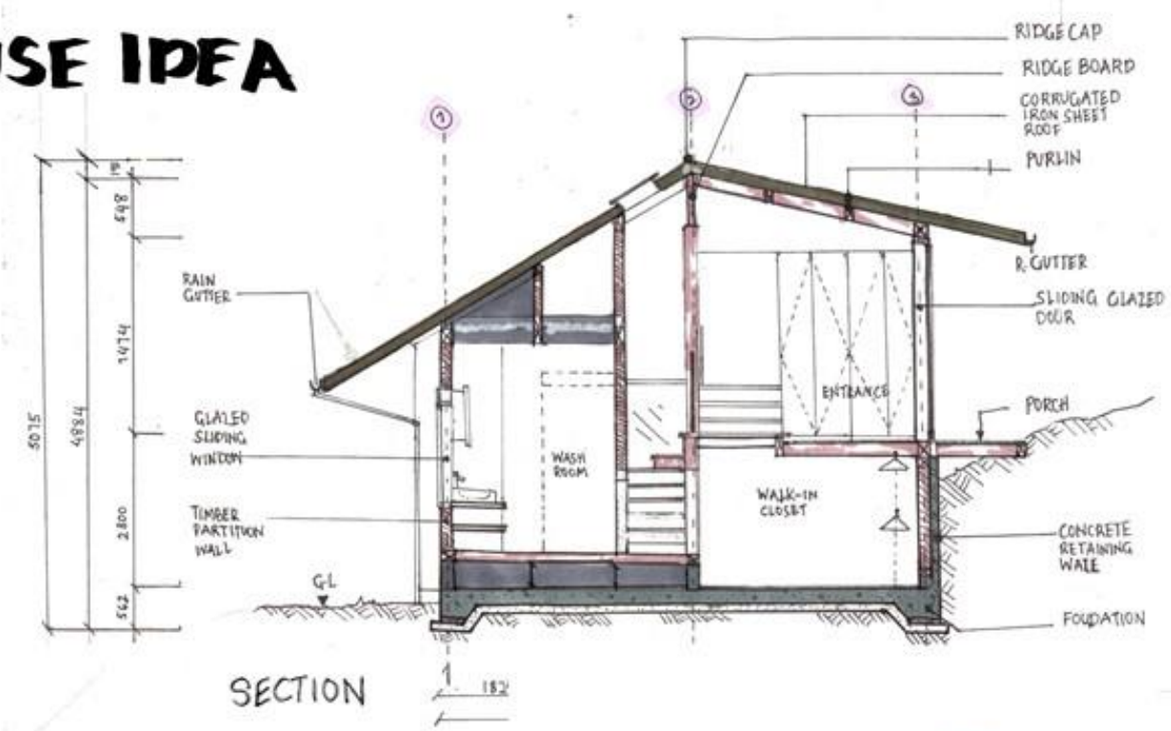
RENDERING

TIMBER IS MORE COMMONLY USED OVER STEEL AND CONCRETE IN THE MODERN DAY, DUE TO IT'S SUSTAINABILITY, QUALITY AND SPEED OF CONSTRUCTION

WITH THE NEW ENGINEERED TIMBER, IT IS CONSIDERABLY STRONGER AND MORE STABLE THAN REGULAR WOOD

ALLOWING ARCHITECTS TO BUILD BIGGER AND HIGHER PROJECT.

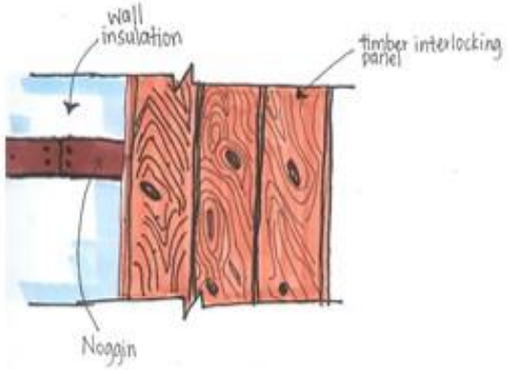
HOUSE IDEA



SECTION 1 : 182

FRONT VIEW SKETCH

MATERIAL TIMBER



TIMBER DETAIL

TIMBER SLIDING DOOR SKETCH

NAME: TESARINA GOMME
ID : 193921447
SEMESTER: SEPT/ OCT 2019
LECTURE: MR AHMAD MUNAIEM

3 SOU HOUSE

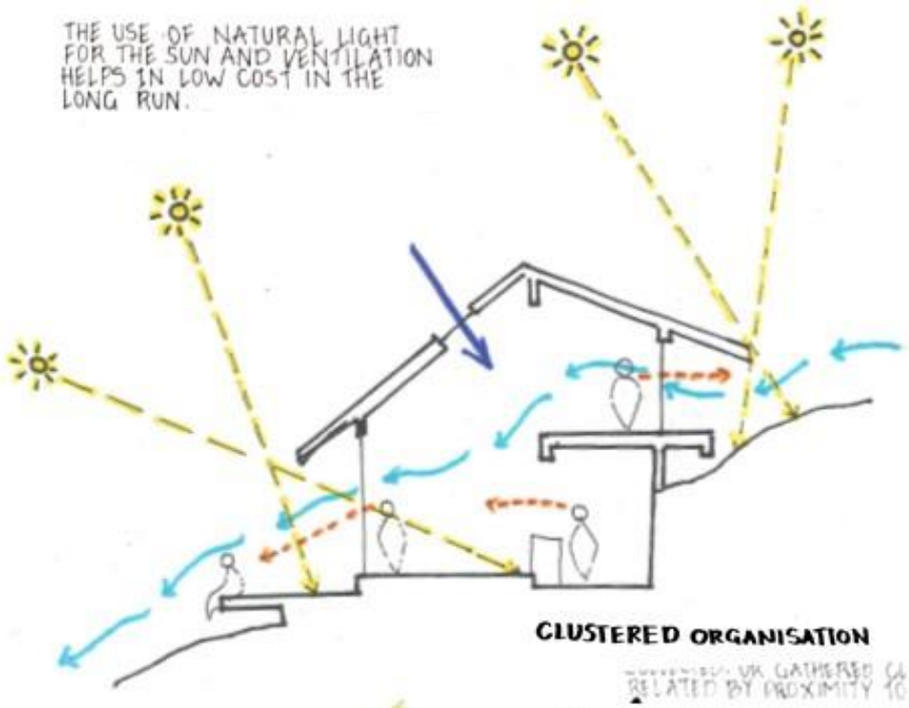
BY: ATELIER THU

ORIENTATION

HAVING THE KNOWLEDGE OF CLIMATE ORIENTATION GIVES THE BENEFIT OF REDUCING THE USE OF EXCESSIVE NON-RENEWABLE ENERGY.

THE USE OF NATURAL LIGHT FOR THE SUN AND VENTILATION HELPS IN LOW COST IN THE LONG RUN.

- SUN ORIENTATION
- VISUAL
- NATURAL VENTILATION (WIND DIRECTION)
- NATURAL LIGHTING



WIND DIRECTION

SUN ORIENTATION

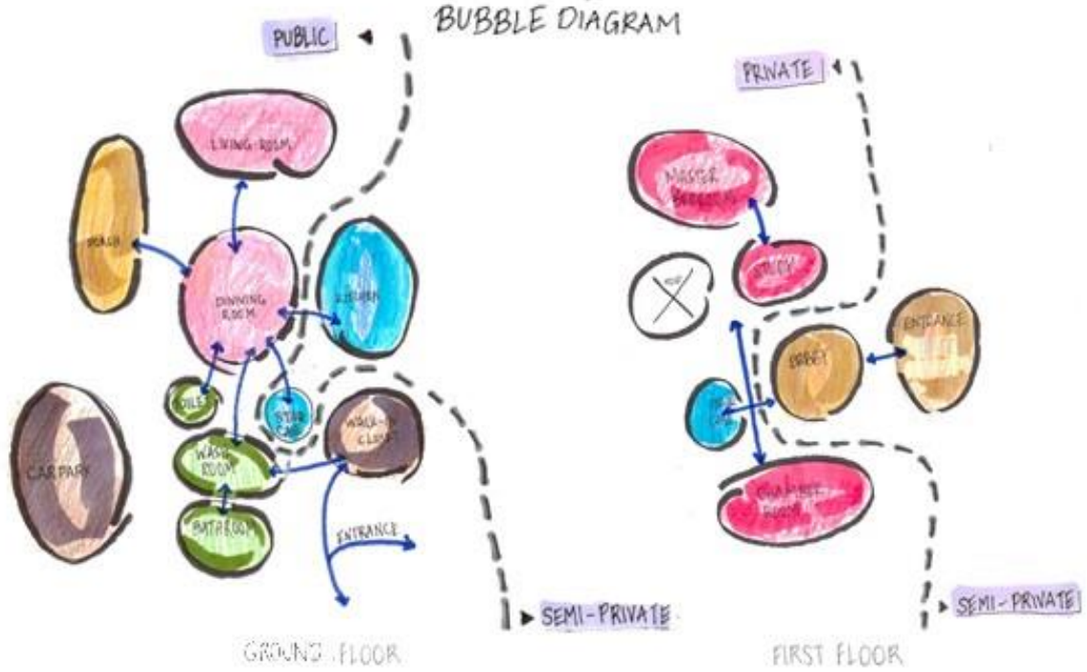
CLUSTERED ORGANISATION

A THAT ARE GROUPED. GATHERED CLOSELY TOGETHER AND RELATED BY PROXIMITY TO EACH OTHER.

AS A SUB-CATEGORISATION WE CAN INCLUDE;
INTERGRATION: OPEN SPACE AND NO SEPARATION BETWEEN EACH ROOMS.
INTERLOCKING, ALL ROOMS CONNECTS WITH ONE OTHER SPACES LINKS BY COMMON SPACE.

SPATIAL ORGANISATION

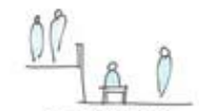
BUBBLE DIAGRAM



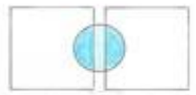
GROUND FLOOR

FIRST FLOOR

SPATIAL RELATIONSHIP



INTERGRATION



SPACES LINKED BY COMMON SPACE

COMBINATION

INTERLOCKING SPACES

CIRCULATION PRINCIPLES. **FLUIDITY**,
AN APPEARANCE OF A BUILDING TO BE FLOWING OR THE FLOW OF PEOPLE INSIDE A BUILDING SIMILAR TO FLUID.

FLUIDITY

NAME: TESARINA GOMME
ID : 193921447
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THE RETREAT HOUSE

BRIEFING

THE WORD RETREAT IS DEFINED AS ‘A *QUIET ISOLATED PLACE THAT YOU GO TO, IN ORDER TO REST OR DO THINGS IN PRIVATE. IN OTHER WORDS; A PLACE OF REFUGE , A HAVEN, AND RETIREMENT.*

AS FOR A HOUSE, IT IS REFERRED TO AS A BUILDING OR STRUCTURE WHERE PEOPLE RESIDE, PREFERABLY BELONGING TO ONE FAMILY OR A GROUP ACQUAINTANCES.

A RETREAT HOUSE IS A PLACE FOR RELAXATION, A LOCATION PRIMARLY TO HIDE AWAY FROM ALL THAT IS STRESSFUL IN A PERSON’S EVERYDAY LIFE.

SOME MAY SAY THAT IT IS A PLACE OF HEALING BOTH EMOTIONALLY AND PHYSICALLY.

WHAT WOULD MAKE THE KATOPOLIS RETREAT HOUSE MORE FOR THEM?

- BY ADDING THEIR PERSONALITY IN THE ATMOSPHERE.
- CREATE SOMETHING THAT WILL BRING THEM MORE TOGETHERNESS AND SENSE IN A SELF AWARENESS FROM THE MOMENT THEY ENTER THE PREMISE.
- CREATE A DESIGN THAT WOULD MAKE THEM COMFORTABLE AND TO THEIR LIKING.

IT IS TO BE NOTED THAT THEY WILL BE THE END USER OF THIS PRODUCT DESIGN AFTER CONSTRUCTION IS COMPLETE.

CLIMATE STUDY

CLIMATE STUDY

FACTORS OF CLIMATE

THERE ARE DIFFERENT CLIMATE FACTORS THAT MUST BE CONSIDERED IN CIVIL OPERATIONS, BUILDING CONSTRUCTIONS AND BUILDING DESIGNS. THE MOST SIGNIFICANT CLIMATE FACTORS ARE AS FOLLOWS:

- WEATHER TEMPERATURE
- SOIL TEMPERATURE
- ANGLE AND INTENSITY OF SUNLIGHT
- RELATIVE HUMIDITY
- DIRECTION AND WIND SPEED
- RAINFALL AND SUNLIGHT.

CLIMATE FACTORS CANNOT BE REDUCED IN THESE ITEMS. RATHER BAROMETRIC PRESSURE AND SUCH ARE ALSO CONSIDERED AS CLIMATE FACTORS.

THEY PLAY A BIG PART IN DESIGNING AND CIVIL OPERATIONS. BUT THE CHANGES OF SOME CLIMATE PARAMETERS ARE NOT HIGH OVER THE YEAR SO IT DOES NOT MAKE A BIG DIFFERENCE KNOWING ABOUT THEIR TIME CHANGES.

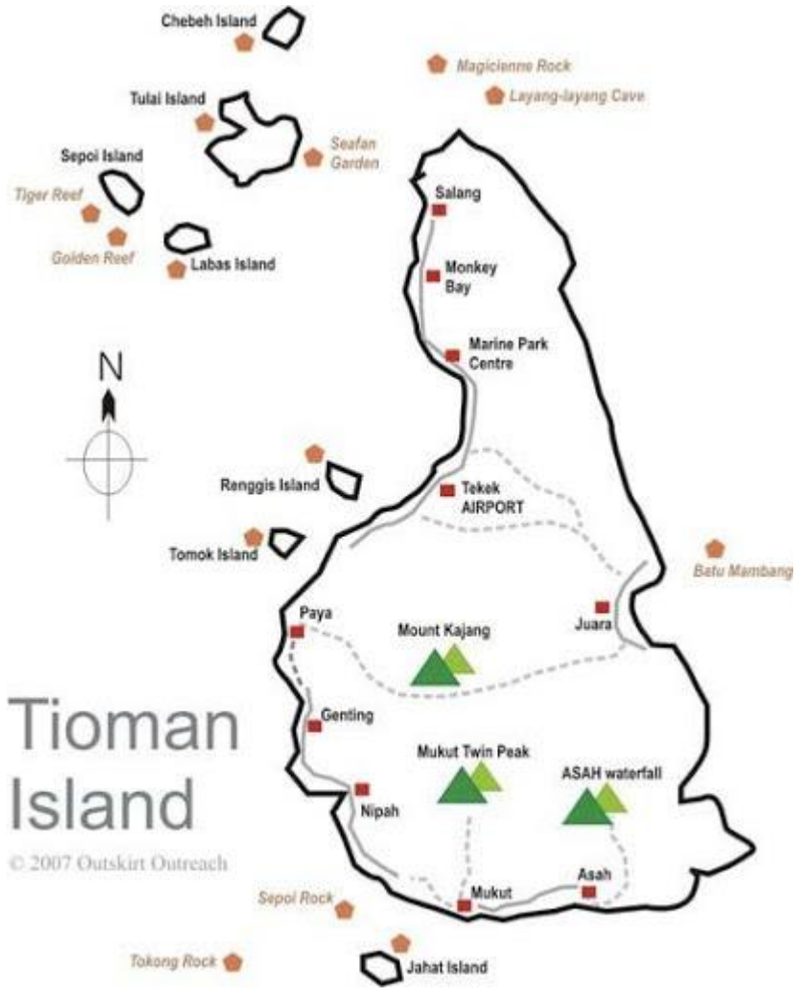
CLIMATE STUDY

TIOMAN ISLAND

MALAYSIA IS 172.79 MI (278.07 KM) NORTH OF THE EQUATOR, SO IT IS LOCATED IN THE NORTHERN HEMISPHERE.

ORIENTATION IS FREQUENTLY PLANNED TO TAKE MAXIMUM ADVANTAGE OF THE DAILY AND SEASONAL VARIATIONS OF THE SUN'S RADIATION.

OPTIMUM ORIENTATION OF A STRUCTURE IS, IN THE END, A COMPROMISE BETWEEN ITS FUNCTION, ITS LOCATION, AND THE PREVAILING ENVIRONMENTAL FACTORS OF HEAT, LIGHT, HUMIDITY, AND WIND.



SENSORY STUDY

SENSORY STUDY

SENSORY INCLUDES:

- SIGHT
- TOUCH
- HEARING
- SMELL
- TASTE

WE AS HUMAN BEINGS HAVE AN INNER CONNECTION WITH THR OUR ENVIROMENT BY PHYSICAL, MENTAL, EMOTIONALL AND SPIRITUAL MEANS.

THIS CONNECTION CAN CREATE A DYNAMIC LIFE THAT PEOPLE CAN THRIVE IN EVERY ASPECT.

TO DESIGN AN CENTRE FOR TRANQUILITY THAT ACT AS THE SPACE FOR WELL-BEING, SELF-SUSTAINED BUILT ENVIRONMENTAL THAT PROVOKES MENTAL AND PHYSICAL HEALING.

IN TERMS OF TIOMAN ISLAND;

SIGHT
- LANSCAPE

TOUCH
- ROUGH SURFACE
- SAND TEXTURE
- REFRESHING TOUCH OF THE BREEZE AND HEAT

HEARING
- SOUND OF THE OCEAN, BIRDS ECT..
- THE NEIGHBORHOOD

SMELL
- SMELL OF THE AIR BREEZE
- AROMA OF NATIVE VEGETATION
- SCENT OF THE SALTY OCEN WATER

TASTE
- TASTE FROM WOODEN MATERIAL
- TASTE IS THE OCENA WATER
- FRESHNESS AND CALMESS

NATURAL FEATURES

NATURAL FEATURES

THE ACTUAL FEATURES OF THE SITE SUCH AS;

- TREES,
- ROCKS,
- TOPOGRAPHY,
- RIVERS,
- PONDS,
- DRAINAGE PATTERNS.

MAN MADE FEATURES –

- EXISTING BUILDINGS,
- WALLS,
- SURROUNDING VERNACULAR,
- SETBACKS,
- MATERIALS,
- LANDSCAPING,
- SCALE.

IN RELATION OF TIOMAN ISLAND;

THE PHYSICAL ASPECT THE DEFINES THE PROPOSED LOCATION REVOLVES AROUND THE OCEAN AND THE LAND IT TOUCHES.

AS A PRIMAL FOCUS THIS HELPS INTERGRATE THE NATURAL INFLUENCE OF ELEMENTS THE SURROUNDES THE LOCATION TO BUILT AROUND NATURE.

PUTTING INTO ACCOUNT THE EXISTING VEGETATION AND THE PHYSICAL LANDCAPE OF THE AREA CAN FACILITE THE DESIGN PROPOSED WHEN ALL IN PLACED INTO CONSIDERATION.

CLIENT STUDY

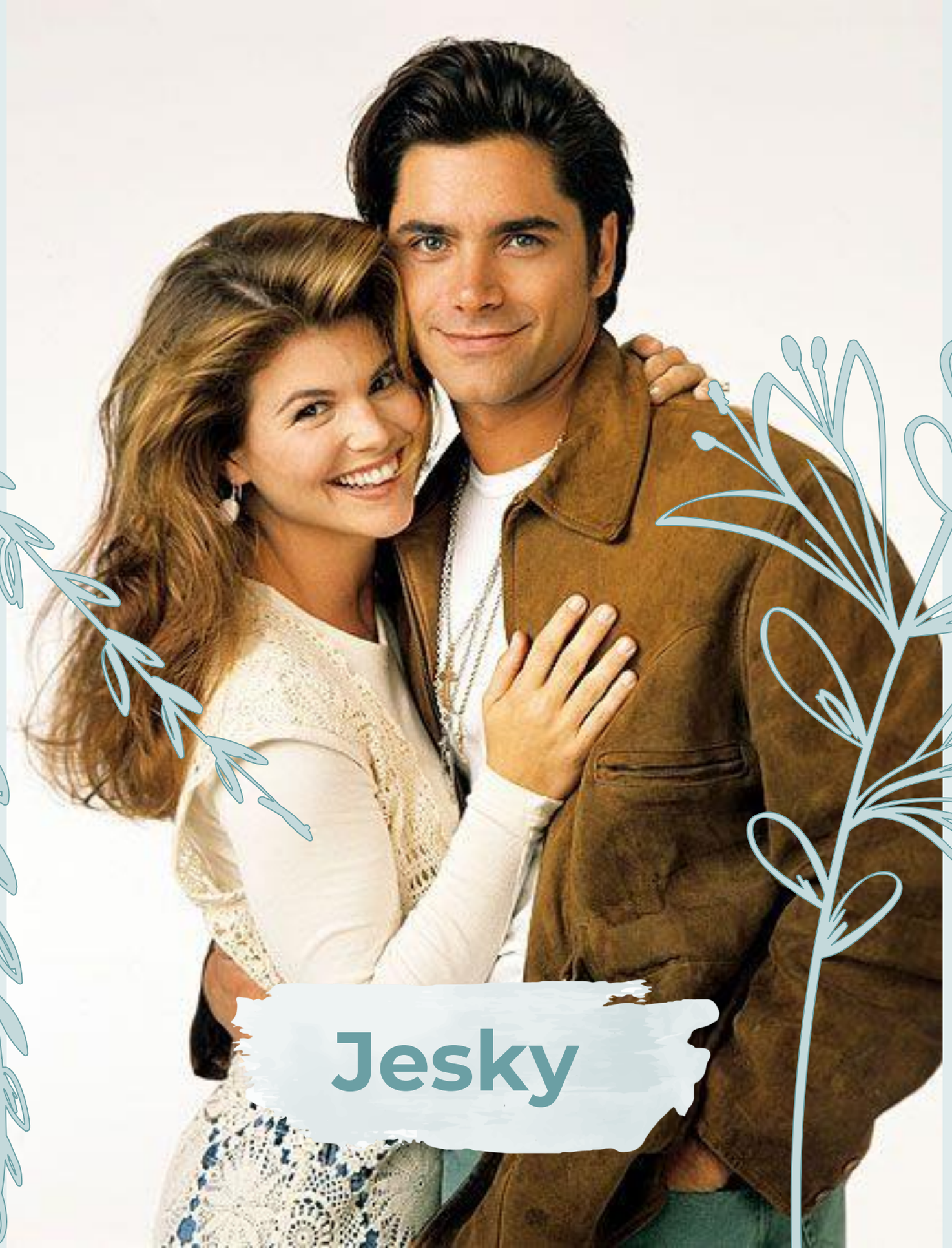
Jesse Katsopolis
and
Rebecca Katsopolis.

From the American sitcom “”Full House”

FULL HOUSE BACKSTORY

AFTER HIS WIFE'S SUDDEN DEATH, THE RECENT WIDOWER, TALK SHOW HOST AND A FATHER, DANNY TANNER, RAISES HIS THREE DAUGHTERS NAME D.J., STEPHANIE, AND MICHELLE WITH THE HELP OF HIS ELVIS OBSESSED, ROCK N' ROLL, BROTHER IN LAW, JESSE KATSOPOLIS, WHO LATER MARRIES REBECCA DONALDSON, AND HIS CHILDHOOD BEST FRIEND, STAND UP COMEDIAN JOEY GLADSTONE.

THIS SHOW FOLLOWS THE CRAZY EVERYDAY ANTICS OF THE "FULL HOUSE".

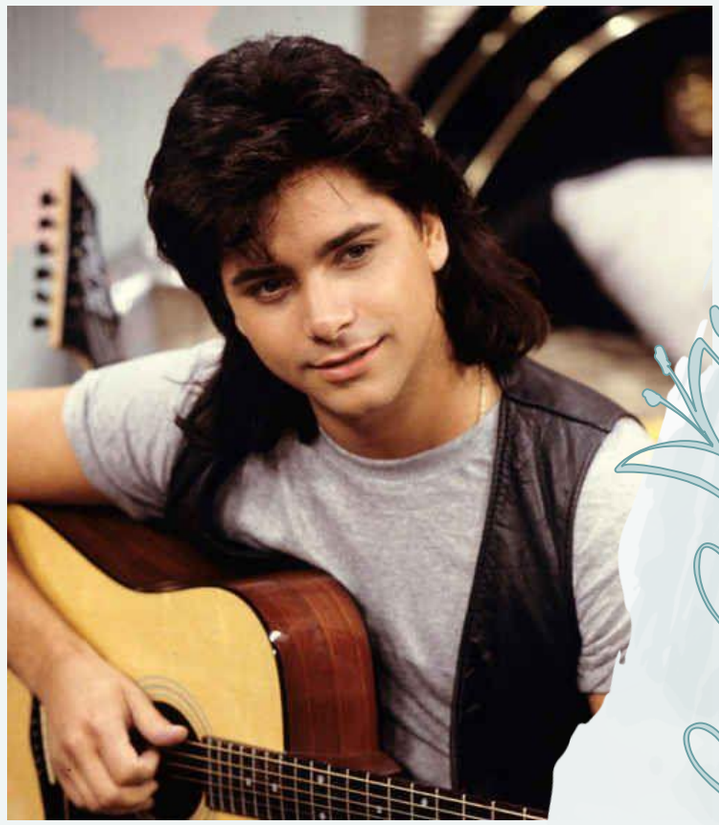

Jesky

JESSE KATSOPOLIS

FULL NAME: HERMES KATSOPOLIS
BORN: 15TH APRIL 1963
HEIGHT: 1.82 M
WEIGHT: 76 KG

WORK:

- VERMIN EXTERMINATOR IN HIS FATHER'S BUSINESS
- HE HAD HIS OWN ADVERTISING BUSINESS WITH JOEY GLADSTONE, CALLED 'J&J CREATIVE SERVICES'
- RADIO DJ ON 'RUSH HOUR RENEGADES' WITH JOEY GLADSTONE
- HE WRITES AND PERFORMS HIS OWN MUSIC
- OWNER OF THE SMASH CLUB



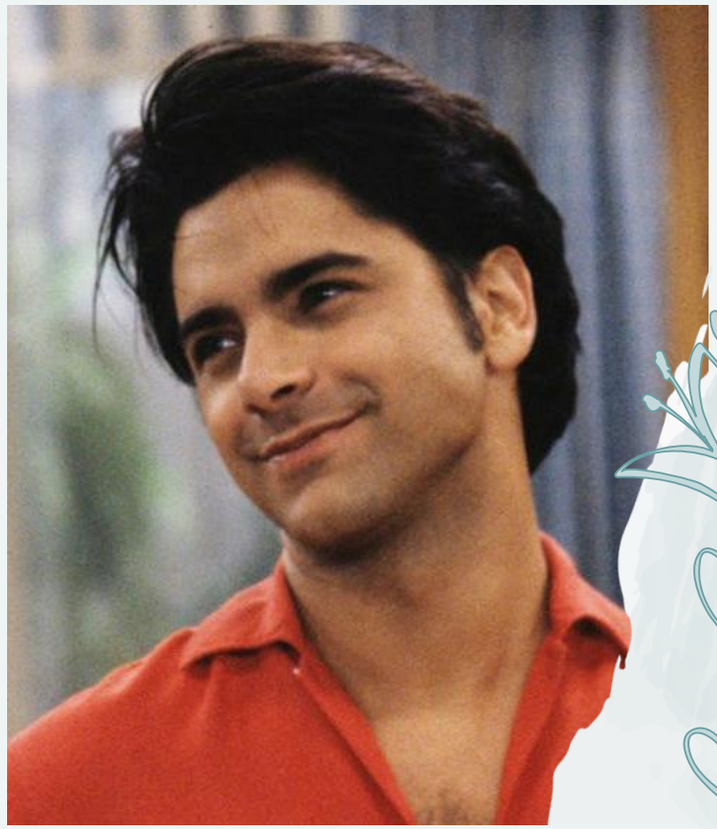
JESSE KATSOPOLIS

INTEREST:

- ELVIS PRESLEY
- HIS MOTORCYCLE
- HIS HAIR
- PLAYING HIS GUITAR
- MAKING MUSIC

- HE PLAYED IN SEVERAL BANDS:
  - DISCIPLINE PROBLEM;
  - FEEDBACK;
  - JESSE AND THE RIPPERS;
  - HOT DADDY AND THE MUNKEY PUPPETS
  -THE DIPLOMATS

- JESSE DOESN'T LIKE SPORT, HE IS AFRAID TO FAIL
- HE CALLS HIS COMB 'MR. GOOD PART'
- HIS FAVORITE COLOR IS BLACK
- HAS A PET DOG NAMED COMET



REBECCA "BECKY" DONALDSON-KATSOPOLIS

FULL NAME: REBECCA KATSOPOLIS
BORN: 8TH JUNE 1964
HEIGHT: 1.68 M
WEIGHT: 56 KG

WORK:

- PURSUED A CAREER IN JOURNALISM
- SHE'S A CO-HOST ON WAKE UP SAN FRANCISCO
- LATER SHE ALSO BECOMES PRODUCER OF W.U.S.F.
- SOMETIMES SHE HELPS OUT IN THE SMASH CLUB
- PROMOTED AS PRODUCER OF WAKE UP, SAN FRANCISCO

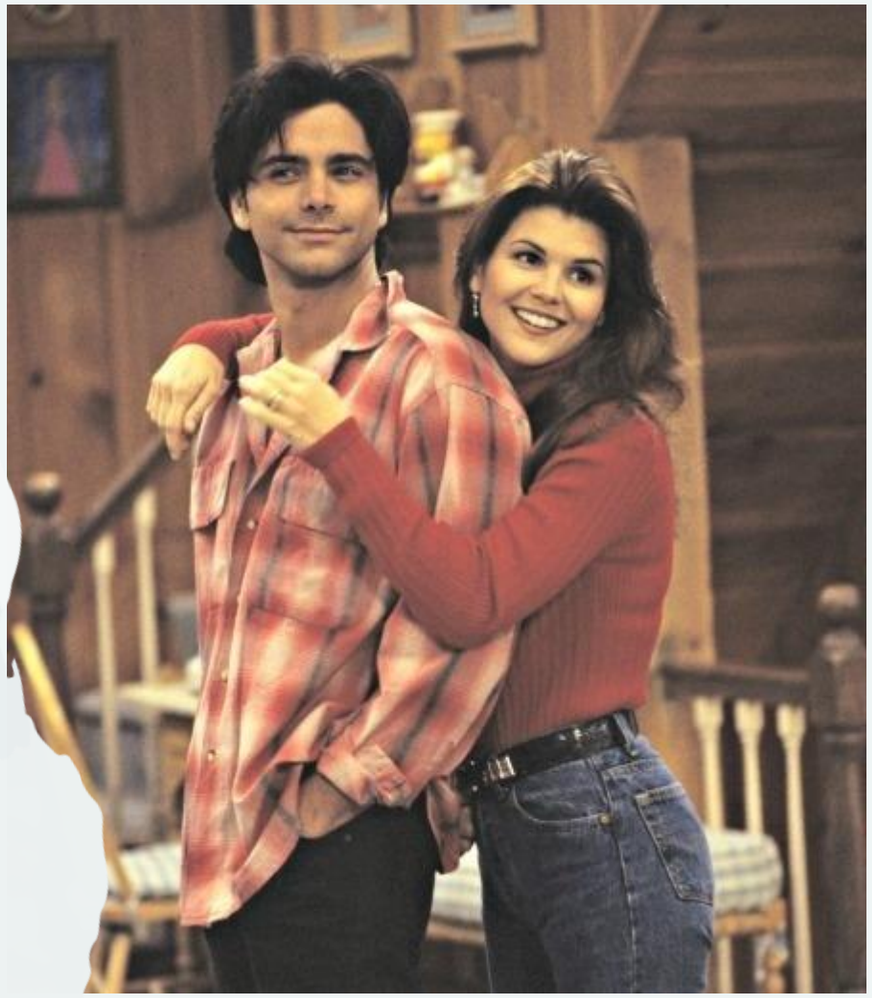
INTEREST:

- HORSE BACK RIDING
- COOKING
- WHITE CHRISTMAS
- NEBRASKA

REBECCA "BECKY" DONALDSON-KATSOPOLIS

- SOMETIMES SHE IS LIKE A STAND-IN MOTHER FOR DANNY'S DAUGHTERS WHEN THEY NEED ONE
- HER PARENTS HAD A FARM AND SHE HAD HER OWN COW, CALLED JANICE.
- BEFORE SHE MOVED TO SAN FRANCISCO, SHE HOSTED A TALK SHOW CALLED 'A.M OMAHA'.
- HER FAVORITE PROFESSOR WAS ERIK TRENT.
- GOOD JUDGMENT
- VERY GOOD AT BEING PREDICTABLE.
- GIVES ADVICE AND SERVICES AS A MOTHERLY FIGURE TO HER THREE NIECES
- LIKES HELPING AROUND THE HOUSE

COMMON INTEREST



- CHILDREN.
- FAMILY.
- MUSIC.
- EXTROVERTED.
- ENTERTAINING PEOPLE (MUSIC/TALK SHOWS).
- CREATIVE (MUSIC/TALK SHOWS).

USER STUDY

CURRENT LIVING SPACE (EXTERNAL)

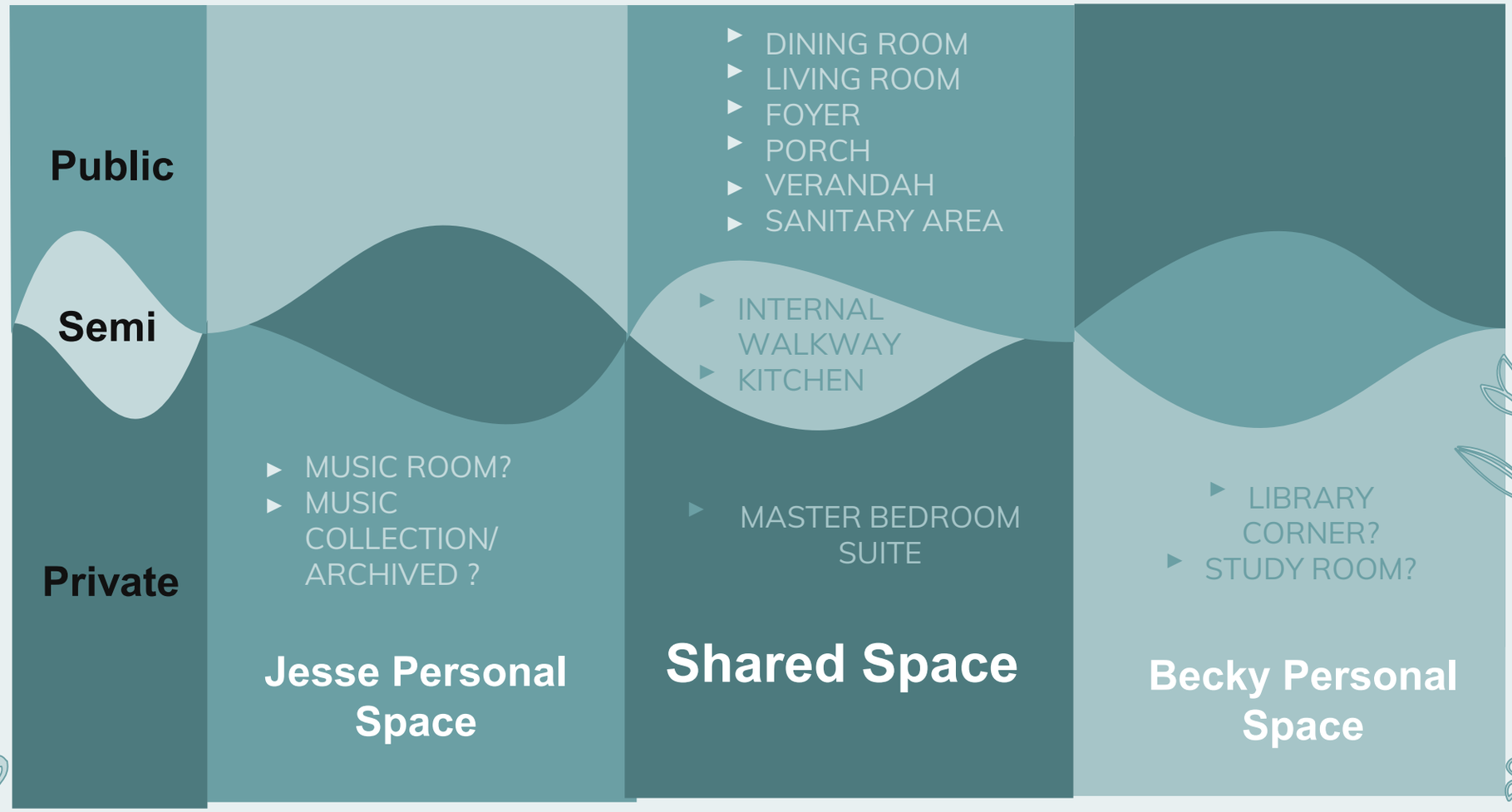
LIVING ROOM (INTERNAL)

LIVING ROOM (INTERNAL)

MASTER BEDROOM (ATTIC)

KITCHEN/DINING ROOM (INTERNAL)

USER STUDY


Public
Semi
Private
DINING ROOM
LIVING ROOM
FOYER
PORCH
VERANDAH
SANITARY AREA
INTERNAL WALKWAY
KITCHEN
MUSIC ROOM?
MUSIC COLLECTION/ ARCHIVED ?
Jesse Personal Space
MASTER BEDROOM SUITE
Shared Space
LIBRARY CORNER?
STUDY ROOM?
Becky Personal Space

DESIGN INTENTION

THE KATOPOLIS IS YOUR EVERDAY TYPICAL FAMILY, AND WITH THE INTEREST OF WANT A RETREAT AND BASE ON THERE REQUIREMENTS.

THEY EMPHASIZED THE FEEL OF A THERE CURRENT LIVING SPACE WHICH IS THE ATTIC.

A SENSE OF HOME AND A SENSE OF FAMILILIATY.

SO IT GIVES A FIRST CLUE THAT THE FINAL DESIGN SHOULD HAVE AS A ROOFING LIKE STRUCTURE FORMATION WITH A MORE MODERN AND NATURAL EXTERNAL FINISHING TO BLEND INT WITH THE ENVIRONMENT.

IDEAS

Lookout House

Design: *Nathan Crump (Project Architect)*
Thomas Bailey (Architect)
Arron Roberts
Josh Fitzgerald
Location*: Port Arthur / Tasmania / Australia*

House With 2 Facades

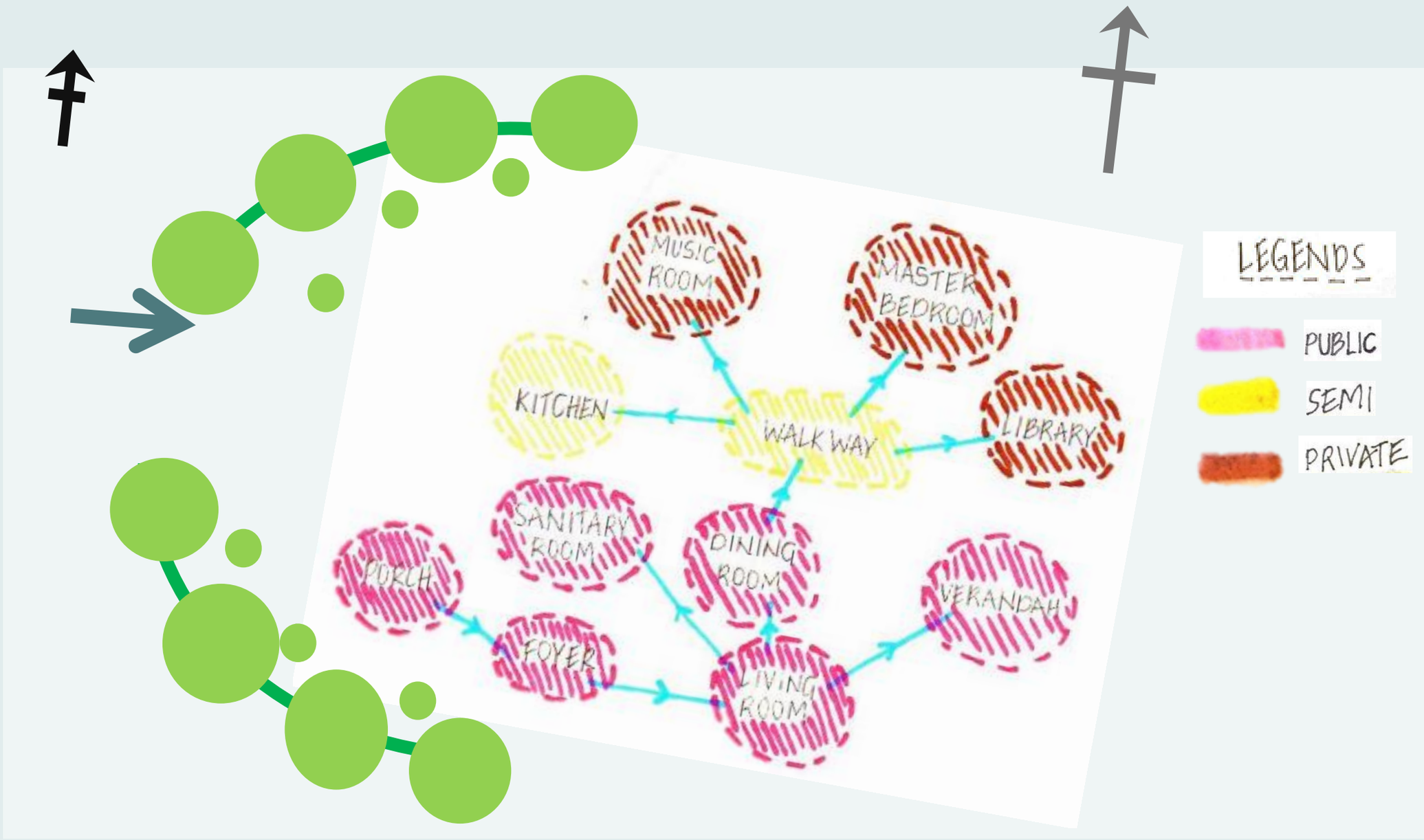
Design: *K-thengono Design Studio*
Location*: Cilandak, Jakarta Selatan, Indonesia*

CLIENT'S REQUIREMENTS

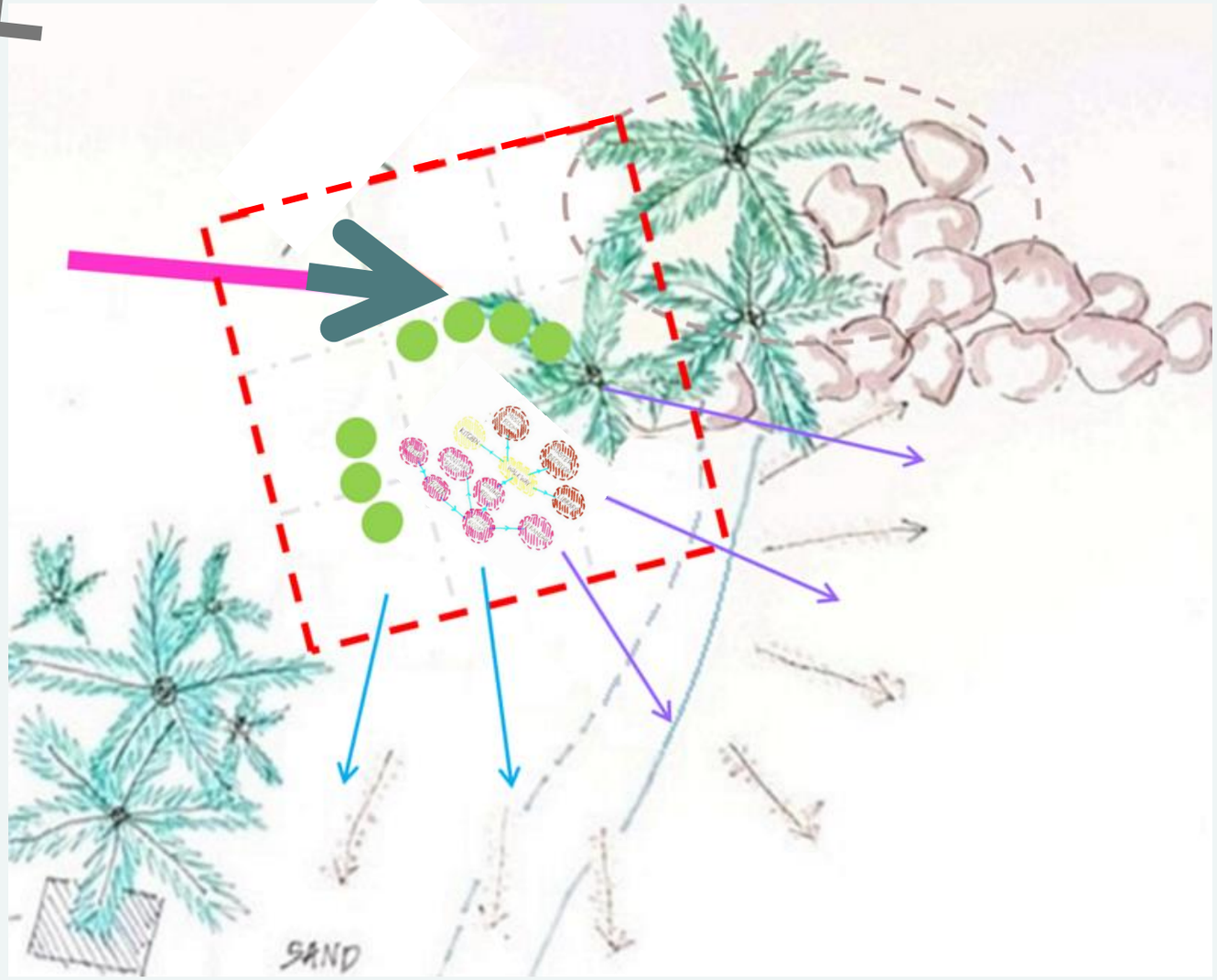
- FAMILY VIBES, COZY.
- REMAIN CLOSE DESIGN TO THERE CURRENT LIVING SPACE BUT MORE MODERN.
- PREFERRED MATERIAL; UNSURE BUT LOW MAINTENANCE COST (TIMBER/BRICK/STEEL FRAME).
- SUSTAINABLE DESIGN.
- CATER EXTENDED FAMILY (ON VISITS).
- PARTIALLY OPEN SPACE (INTERIOR).
- NATURAL FINISHING.
- KEEP SOME NATURAL FEATURE (SUCH AS TREES, ROCK..), WHERE REQUIRED.
- ROOM CAN BE CONVERTED IN GUEST ROOM (MULTIFUNCTIONAL FURNITURE SUCH AS SOFA BED, WALL CONVERTIBLE BED ETC)

SITE STUDY

SPATIAL PLANNING



SPATIAL PLANNING



LEGENDS

PROPOSED SITE BOUNDARY

PRIVATE VIEW

VIEW

OCEAN VIEW (BEST VIEW

PUBLIC VIEW

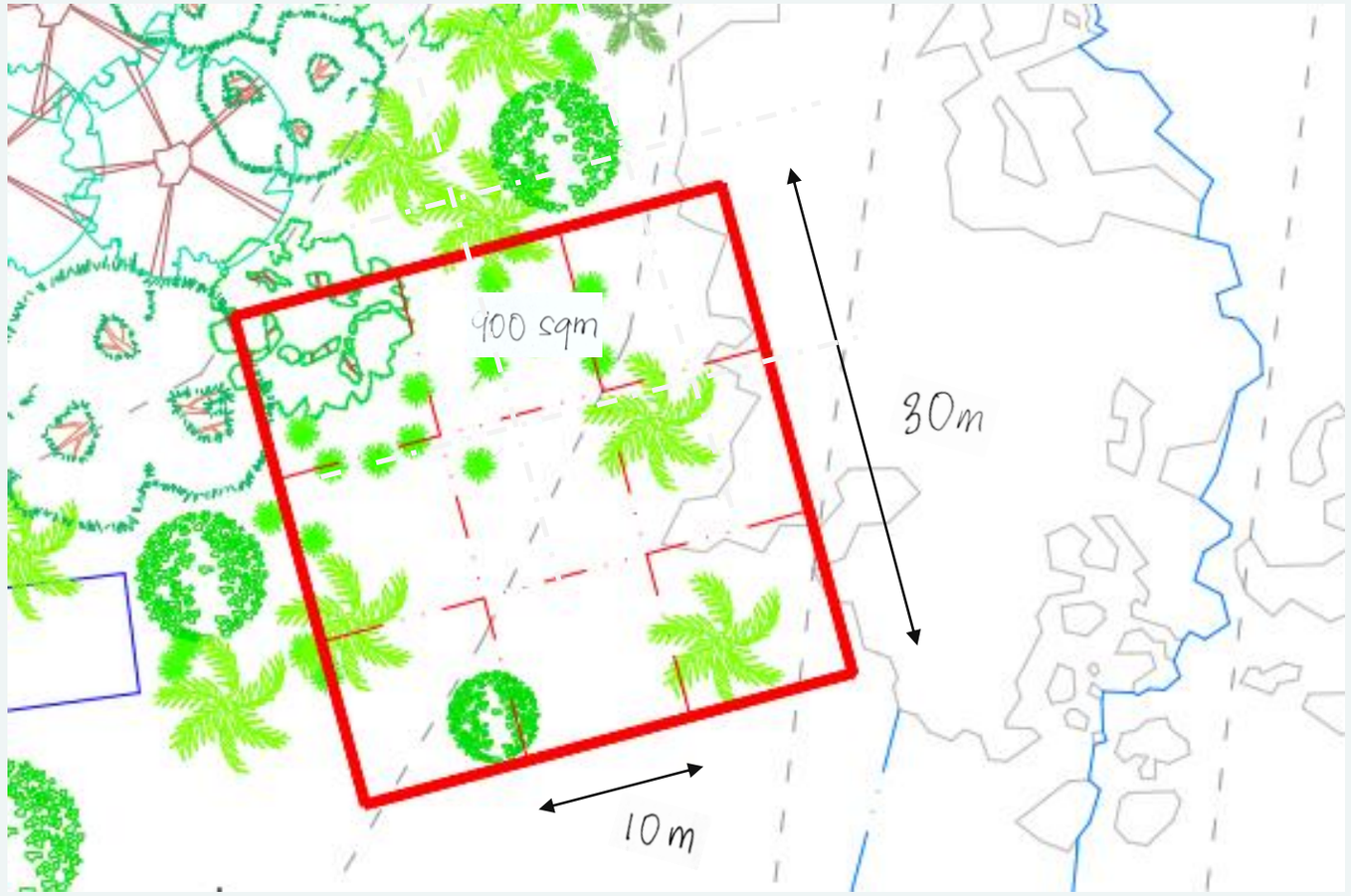
PROPOSED ACCESS ROAD

EXISTING MAIN ROAD

PROPOSED MAIN ENTRANCE

GREEN AREA (GARDEN?) FOR PRIVACY FROM NEIGHBOURS

SITE PLAN



LEGENDS

PROPOSED SITE BOUNDARY

GREEN AREA

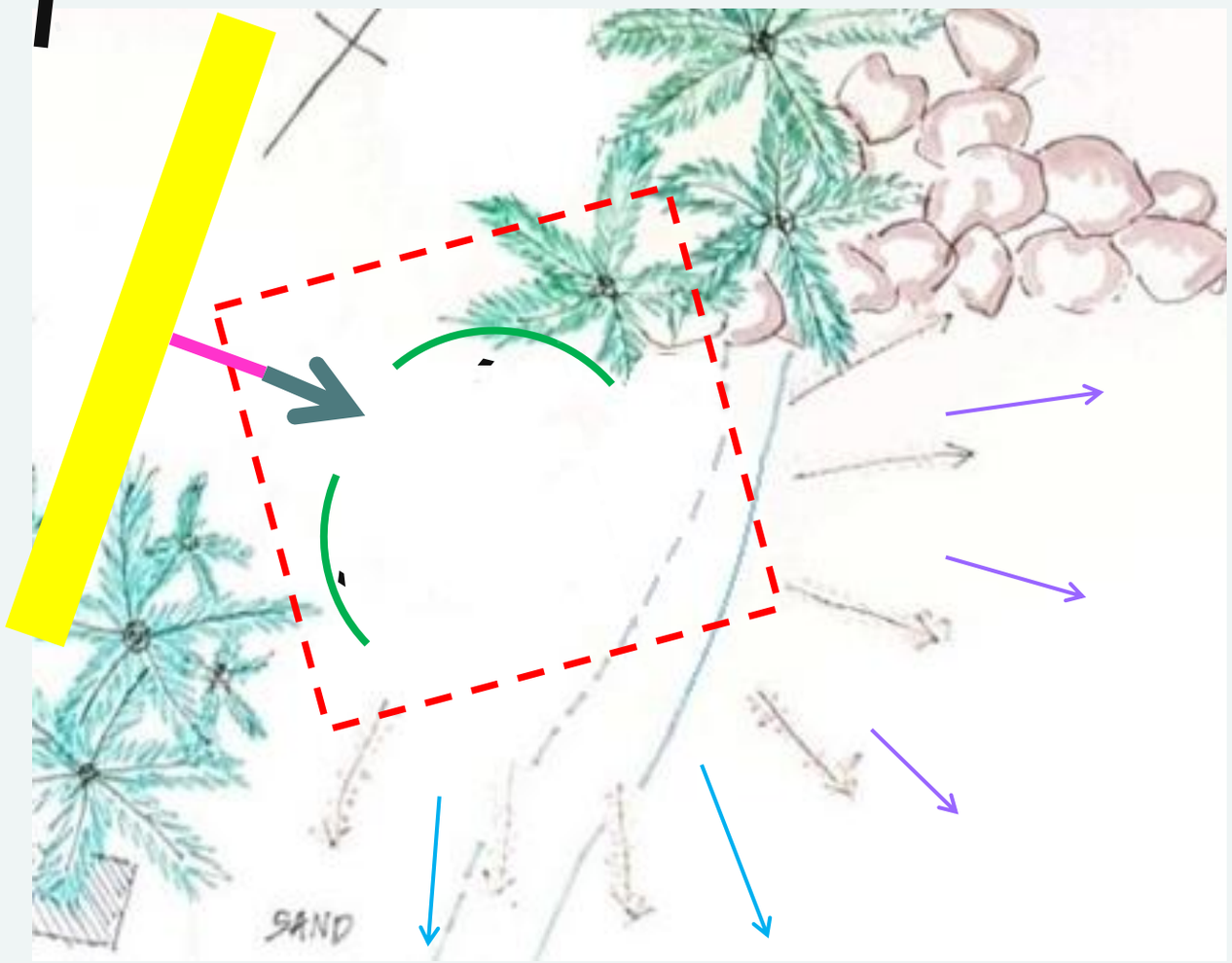
EXISTING BUILDING

SEA

HIGHTIDE

0 5 10 20

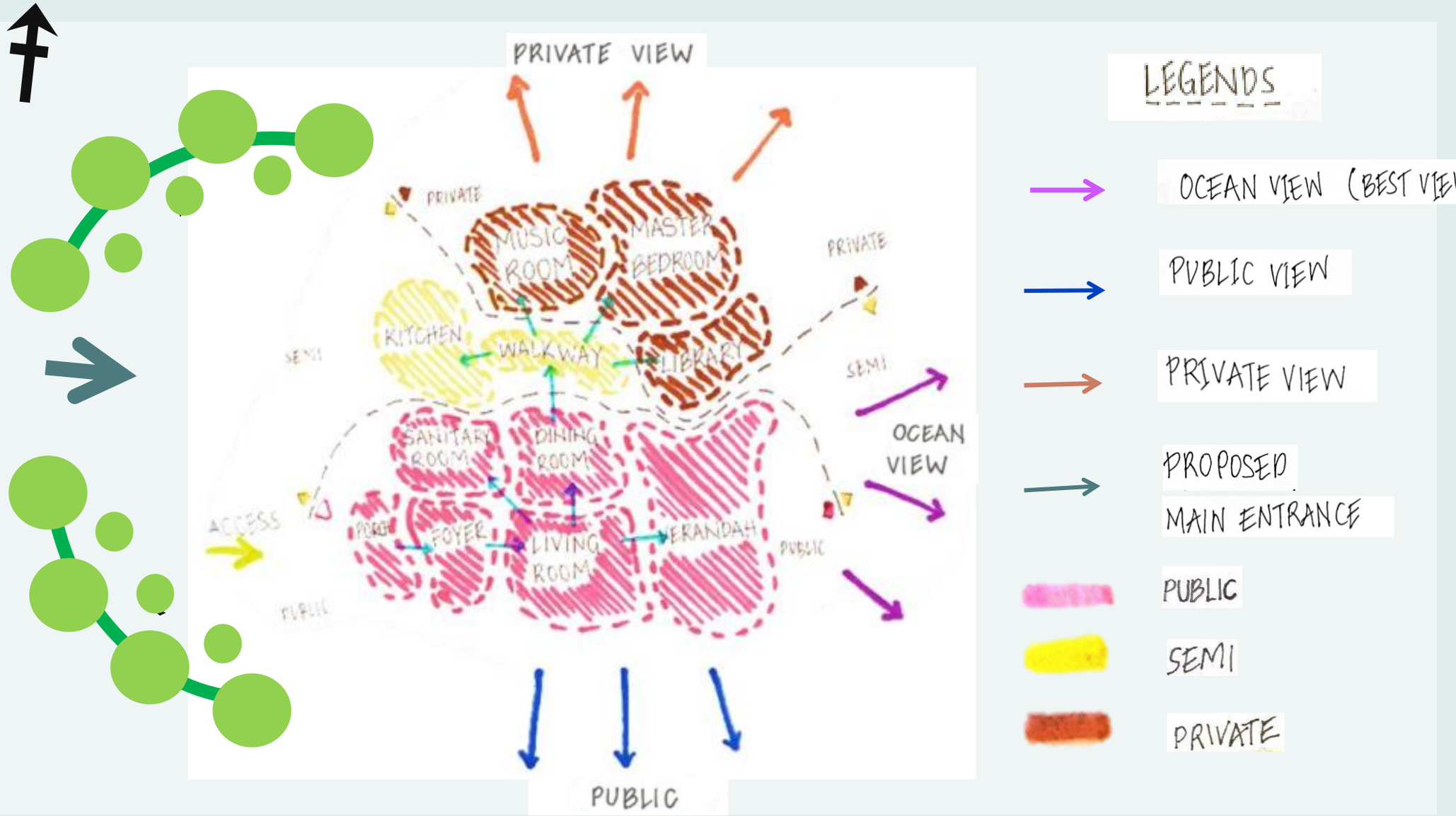
SITE SYNTHESIS DIAGRAM



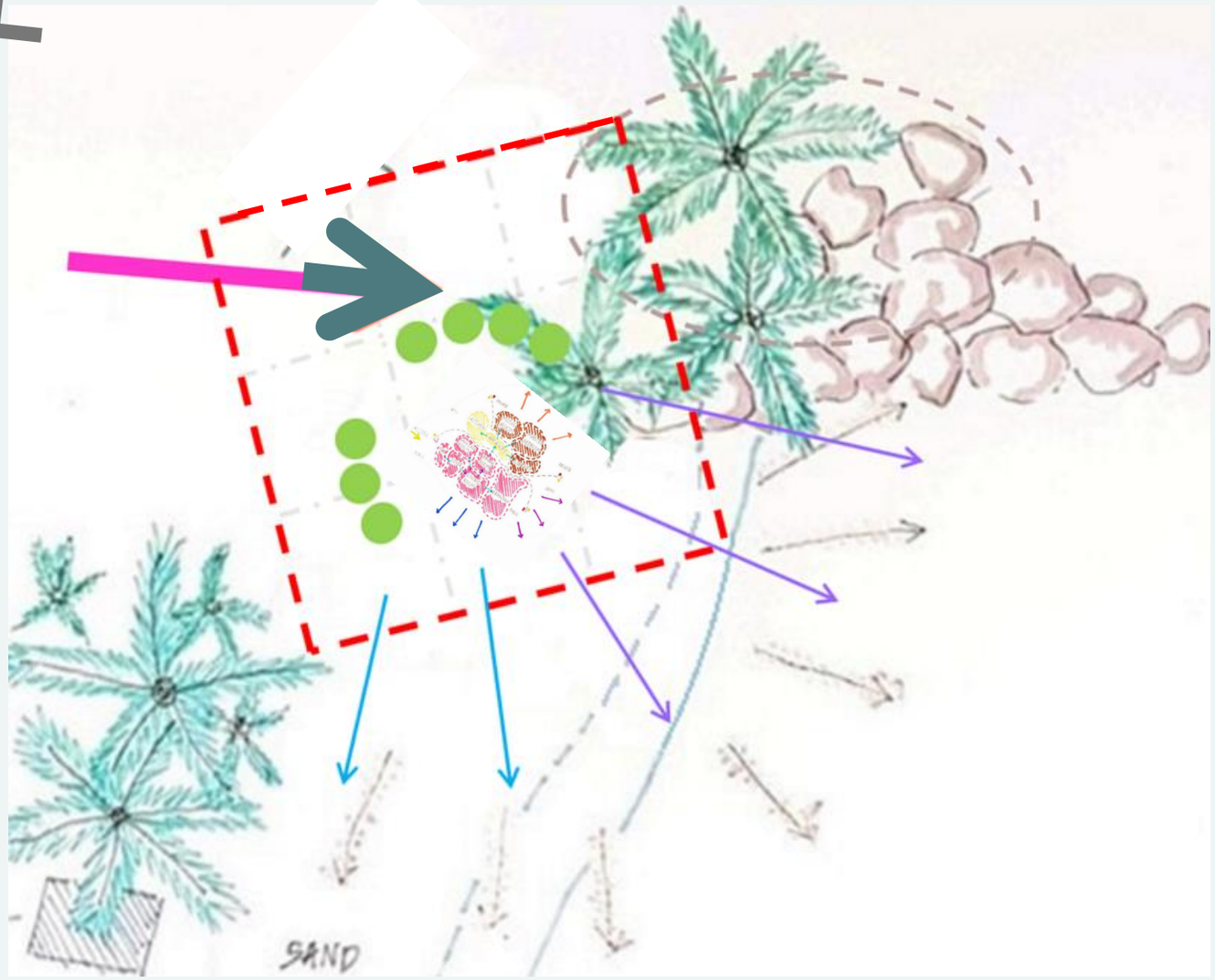
LEGENDS

- PROPOSED SITE BOUNDARY
- PRIVATE VIEW
- VIEW
- OCEAN VIEW (BEST VIEW
- PUBLIC VIEW
- PROPOSED ACCESS ROAD
- EXISTING MAIN ROAD
- PROPOSED MAIN ENTRANCE
- GREEN AREA (GARDEN?) FOR PRIVACY FROM NEIGHBOURS

BUBBLE DIAGRAM



BUBBLE DIAGRAM



LEGENDS

- PROPOSED SITE BOUNDARY
- PRIVATE VIEW
- VIEW
- OCEAN VIEW (BEST VIEW
- PUBLIC VIEW
- PROPOSED ACCESS ROAD
- EXISTING MAIN ROAD
- PROPOSED MAIN ENTRANCE
- GREEN AREA (GARDEN?) FOR PRIVACY FROM NEIGHBOURS
- PUBLIC
- SEMI
- PRIVATE

SPATIAL ORGANIZATION

Clustered

- HAVE PROXIMITY TO A RELATED SPACE.
- LINEAR AND UNIFORMITY
- POSSIBLE FOCAL POINT FROM ONE POINT (VISUAL)

Interlocking/ Combimation/ Intergration

- SUB CATEGORIES OF CLUSTERED
- OPEN SPACE WITH NO FULL HEIGHT PARTITION, EVEN IN LEVELS
- SPACE BY INTERLOCKING SPACE

Fluidity

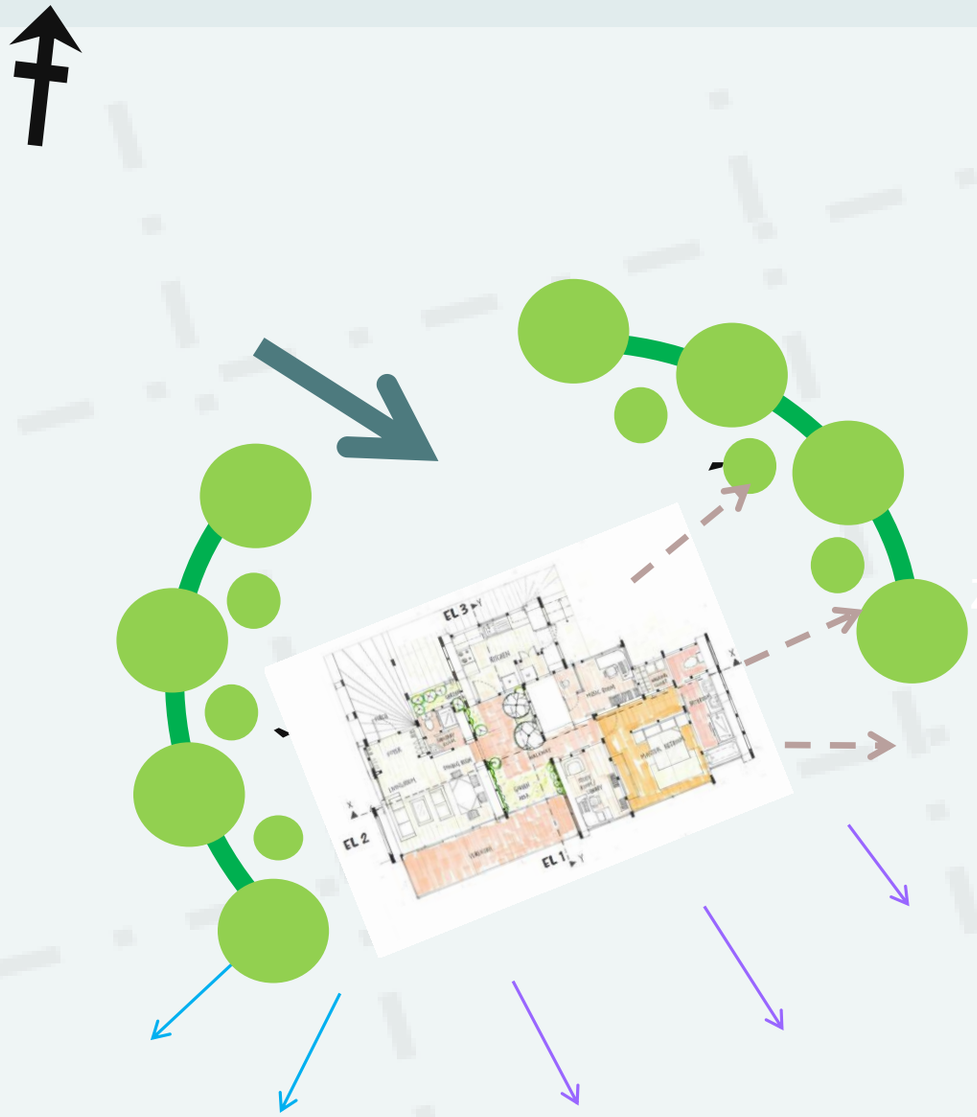
- ALLOW A FEELS OF FLOW FROM ONE ROOM

PRELIMINARY FLOOR PLAN & FUNITURE LAYOUT

LEGENDS

A - PORCH (MAIN ENTRANCE
B - KITCHEN
C - LOBBY
D - DINNING AREA
E - MUSIC ROOM??
F - TOILET (GENERAL)
G - LIVING ROOM
H - MASTER BEDROOM
I - LIBRARY/STUDY1 ROOM
G - VERANDAH

PRELIMINARY PLANNING LAYOUT



GREEN AREA (HEDGES) FENCES LIKE

PROPOSED SINGLE LINED DIAGRAM

PUBLIC

SEMI

PRIVATE

OCEAN VIEW (BEST VIEW

PUBLIC VIEW

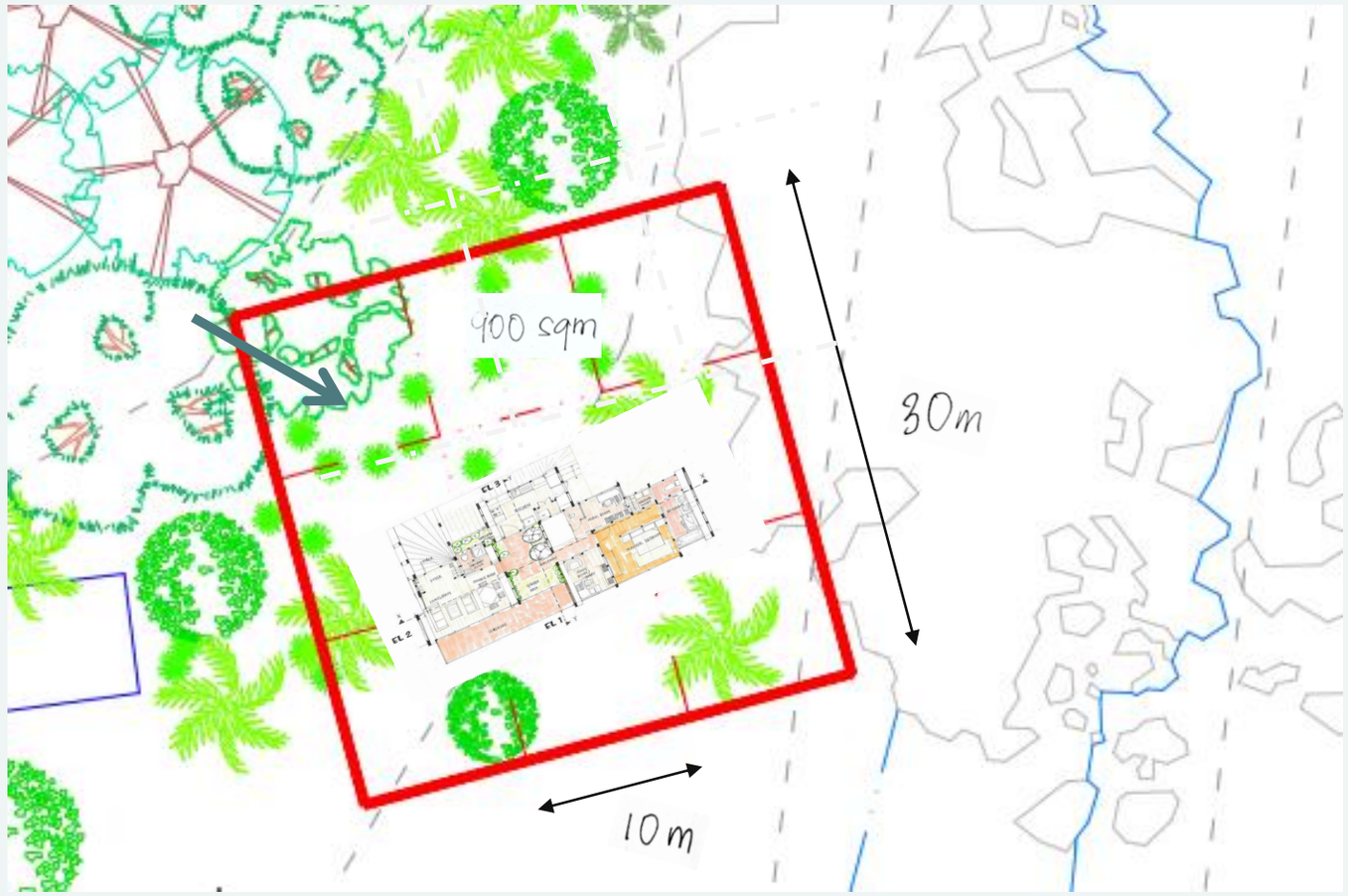
PRIVATE VIEW

MAIN ENTRANCE

LEGENDS

A - PORCH (MAIN ENTRANCE
B - KITCHEN
C - LOBBY
D - DINNING AREA
E - MUSIC ROOM??
F - TOILET (GENERAL)
G - LIVING ROOM
H - MASTER BEDROOM
I - LIBRARY/STUDY ROOM??
G - VERANDAH

SITE LAYOUT



LEGENDS

PROPOSED SITE BOUNDARY

GREEN AREA

EXISTING BUILDING

SEA

HIGHTIDE

0 5 10 15

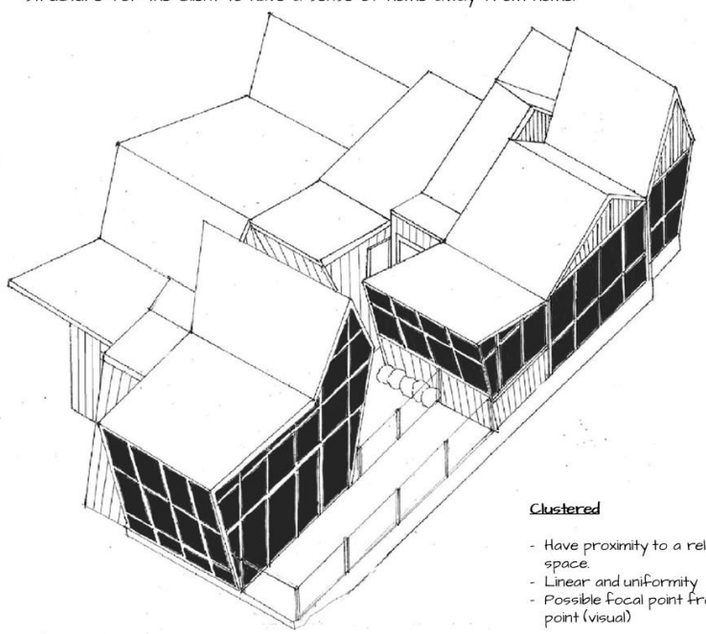
FINAL PRESENTATION BOARD

FULLEST HOUSE

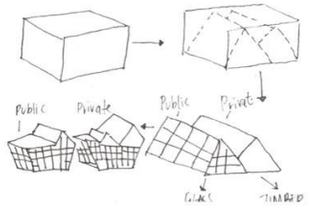
A House is a building and an accommodation for shelter. A place of gathering and a place of rest with love ones.

A Retreat House define itself as a place of retreat, a place of relaxing, a location primary to hide away from all the stress that a person deals with on an everyday basis. Some may speculate that has it is a place of healing in term of emotionally, spiritually and physically.

The design intention behind this particular idea is to incorporate the attic, a roof like structure for the client to have a sense of home away from home.



MASS AND FORM STUDY

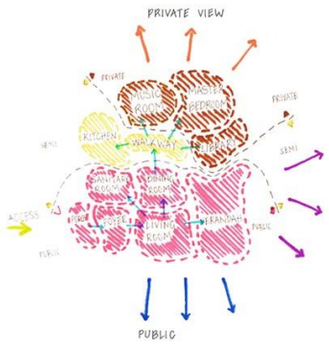


PRECEDENT STUDY

NAME: SOU HOUSE
LOCATION: NARA, HIGASHI-IKOMA, JAPAN
SCALE: TWO-STORY WOODEN
SITE AREA: 274.59 SQM
TOTAL FLOOR AREA: 112.61 SQM
LENGTH AND WIDTH: 5.910M x 11.830M
TOTAL HEIGHT: 5.750M
STATUS: COMPLETED IN 2020

BUBBLE DIAGRAM

SPATIAL DIAGRAM



Clustered

- Have proximity to a related space.
- Linear and uniformity
- Possible focal point from one point (visual)

Interlocking/ Combination/ Integration

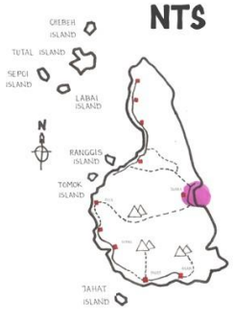
- Sub categories of Clustered
- Open space with no full height partition, even in levels
- Space by interlocking space

Fluidity

- Allow a feels of flow from one room

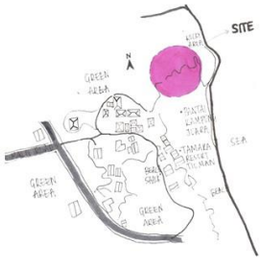
KEY PLAN

NTS

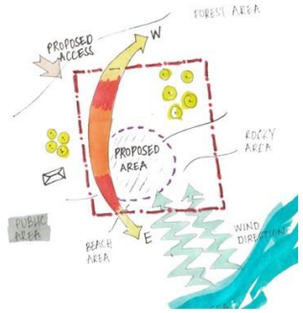


LOCATION PLAN

NTS



SITE ANALYSIS STUDY



CLIENT STUDY

JESSE KATSOPOLIS

Interest:

* Elvis Presley
* His motorcycle
* His hair
* Playing his guitar
* Making music
* He played in several bands
* Jesse doesn't like sport, he is afraid to fail
* He calls his comb 'Mr. Good part'
* His favorite color is black
* Has a pet dog named Comet

REBECCA "BECKY" DONALDSON-KATSOPOLIS

Interest:

* Horse back riding
* Cooking
* White Christmas
* Nebraska
* Sometimes she is like a stand-in mother for Danny's daughters when they need one
* Her parents had a farm and she had her own cow, called Janice.
* Before she moved to San Francisco, she hosted a talk show called 'AM Omaha'.
* Her favorite professor was Erik Trent.
* Good judgment
* Very good at being predictable.
* Gives advice and services as a motherly figure to her three nieces
* Likes helping around the house

JESKY

Common Interest:

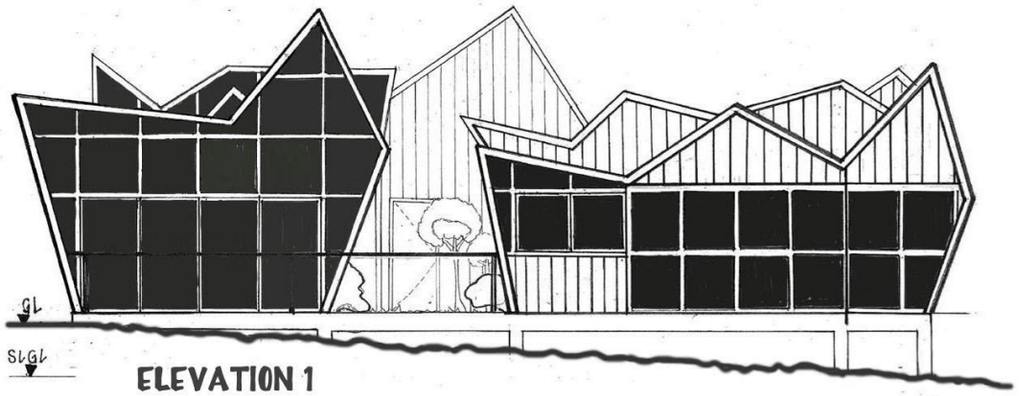
* Children.
* Family.
* Music.
* Extroverted.
* Entertaining people (music/talk shows).
* Creative (music/talk shows).

PUBLIC		SANITARY AREA PORCH VERANDAH FOYER LIVING ROOM DINNING ROOM	
SEMI		INSIDE WALKWAY KITCHEN	
PRIVATE	MUSIC ROOM/ MUSIC COLLECTION	MASTER BEDROOM SUITE WITH BATHROOM	LIBRARY CORNER/STUDY ROOM
	JESSE PERSONAL SPACE	SHARED SPACE	BECKY PERSONAL SPACE

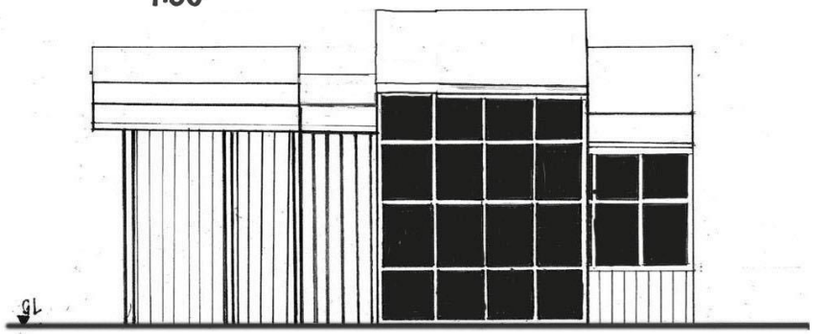
SITE PLAN

1: 50

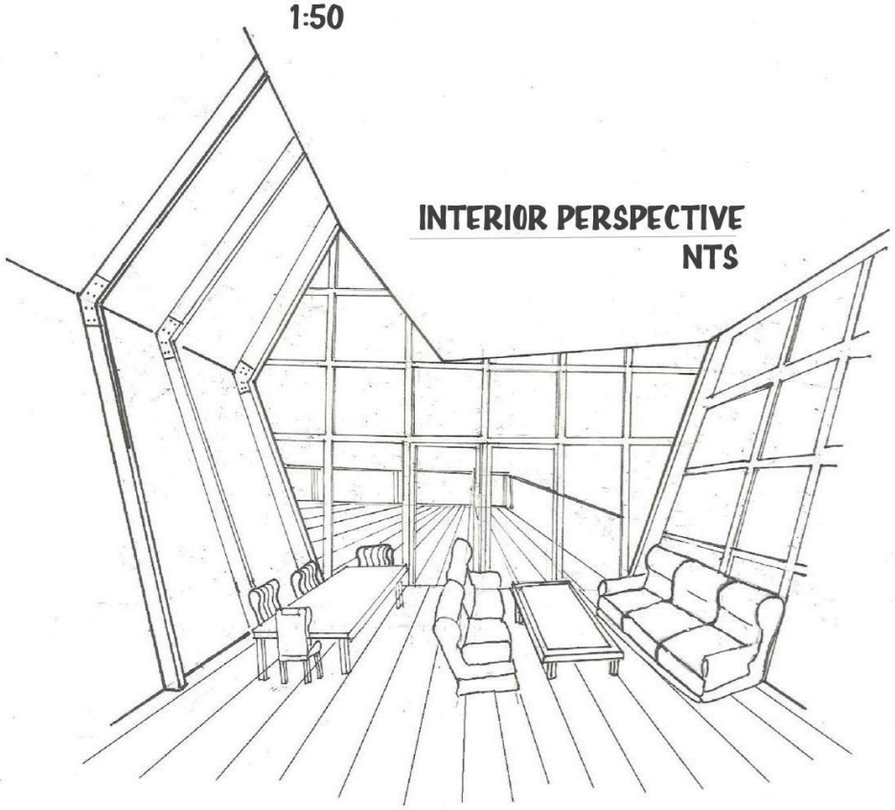
NAME: TESARINA GOMME
ID: 193921447
SEM: THREE, SEPT/OCT '19



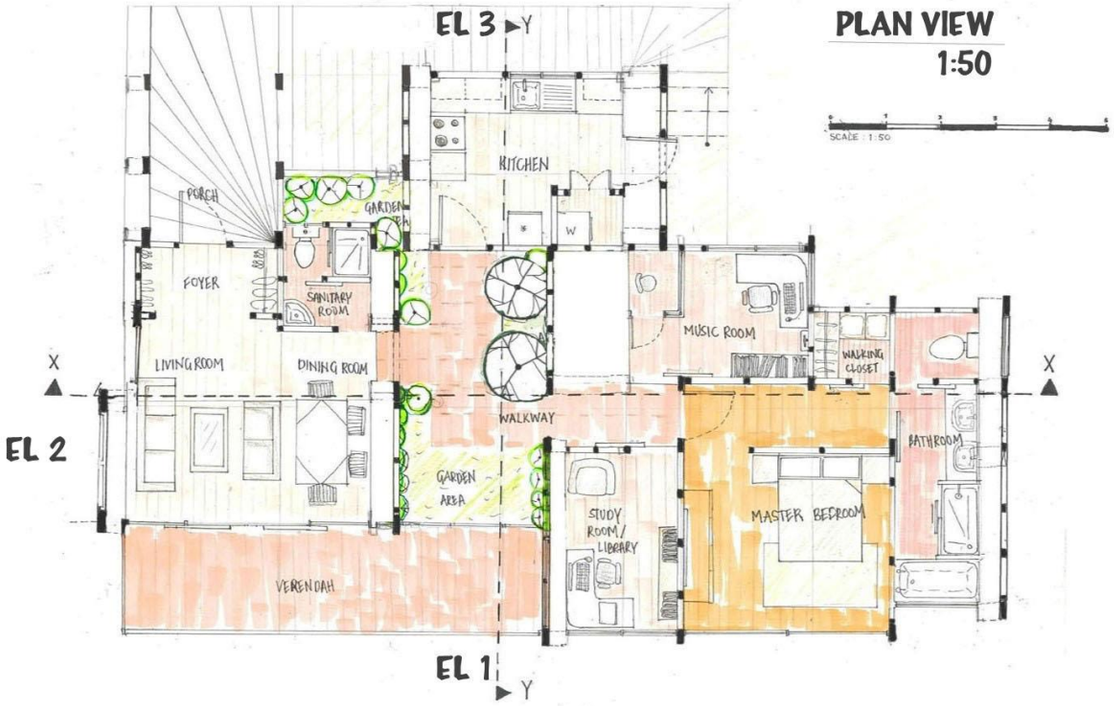
ELEVATION 1
1:50



ELEVATION 2
1:50

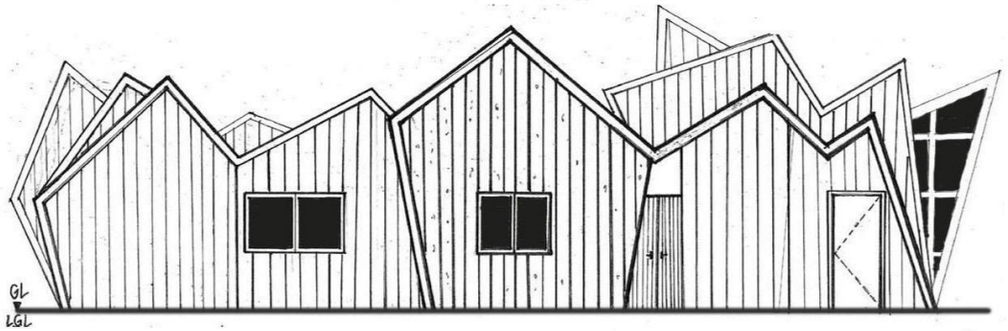


INTERIOR PERSPECTIVE
NTS

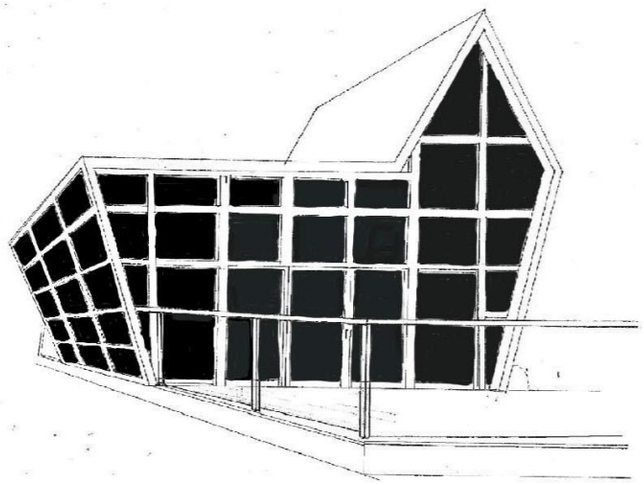


PLAN VIEW
1:50

SCALE : 1:50

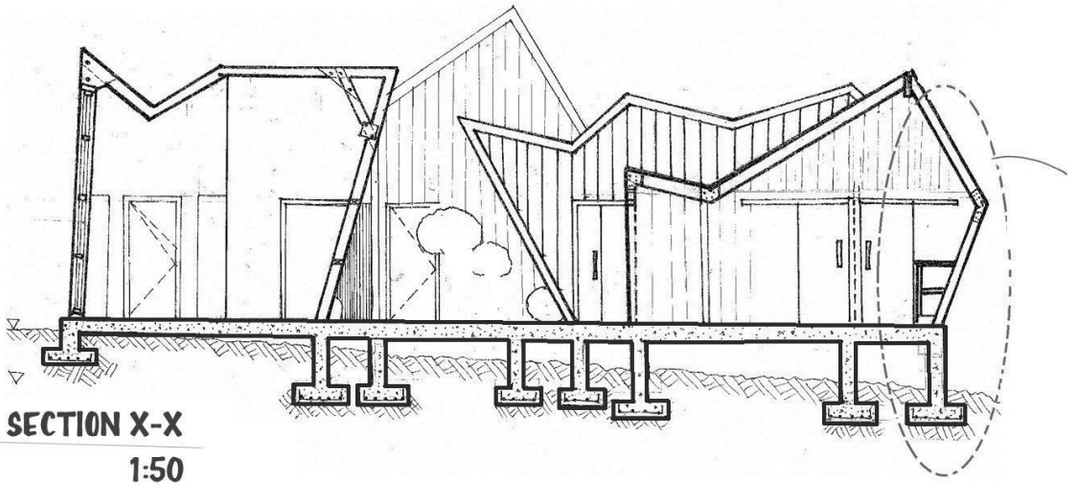


ELEVATION 3
1:50

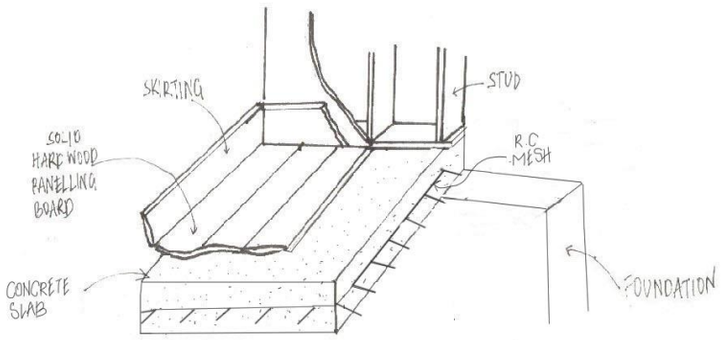


EXTERIOR PERSPECTIVE
NTS

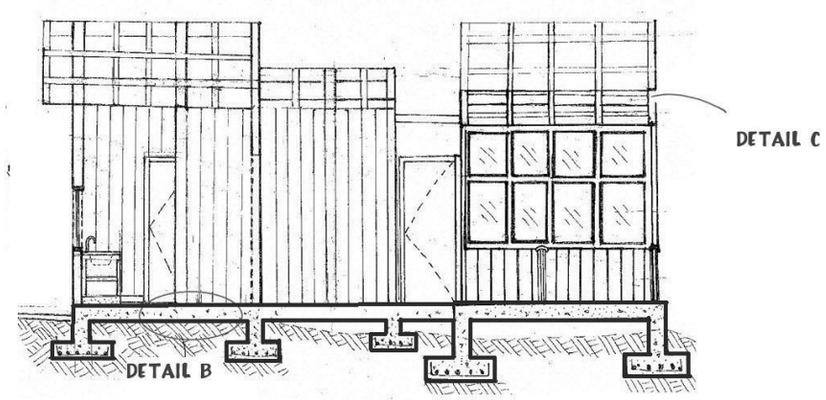
NAME: TESARINA GOMME
ID: 193921447
SEM: THREE, SEPT/OCT '19



SECTION X-X
1:50

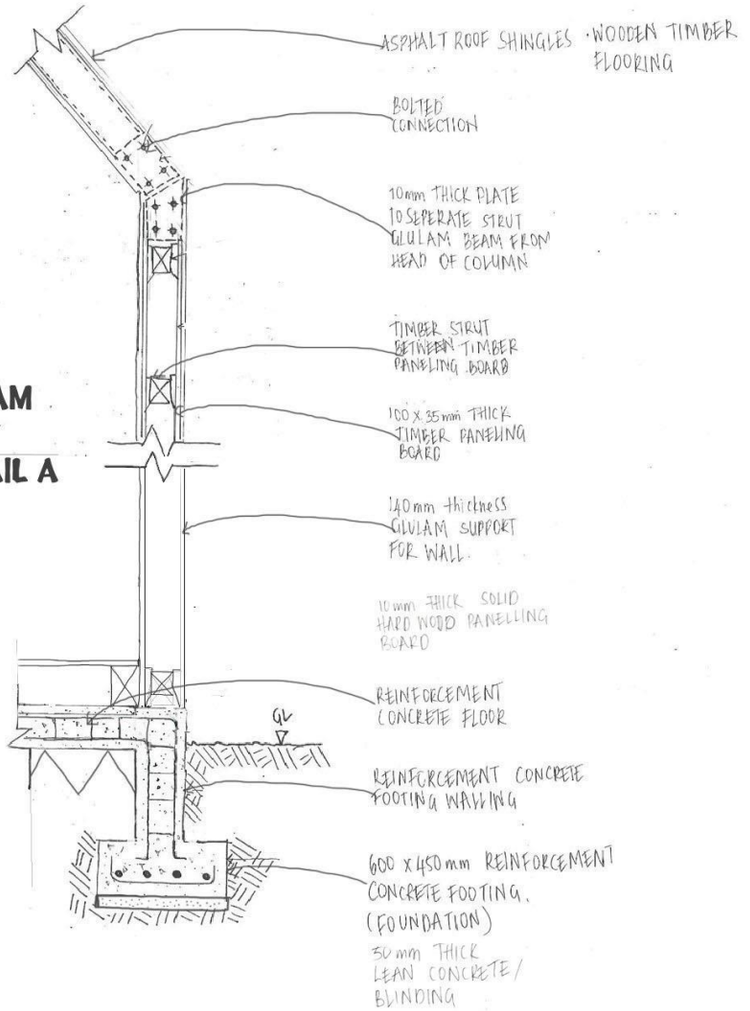


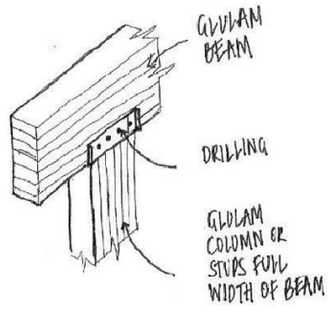
TYPICAL FLOOR DETAIL
DETAIL B



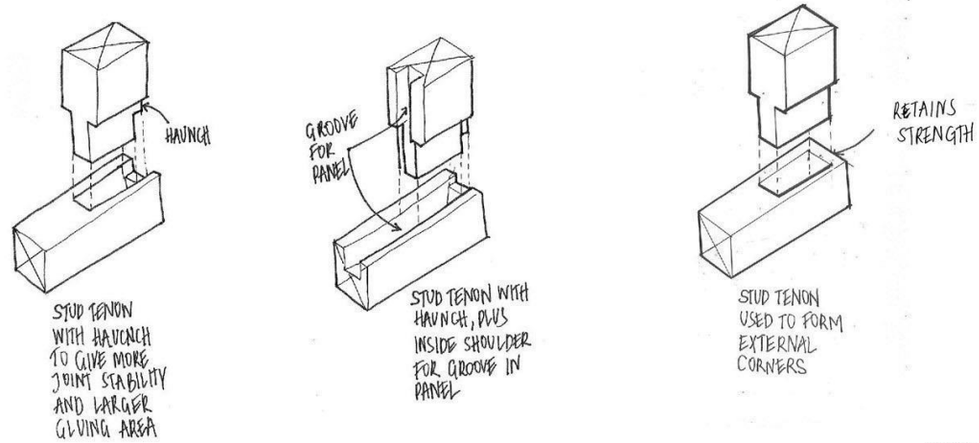
SECTION Y-Y
1:50

TYPTICAL EXTERNAL GLULAM TIMBER WALL SECTION
DETAIL A





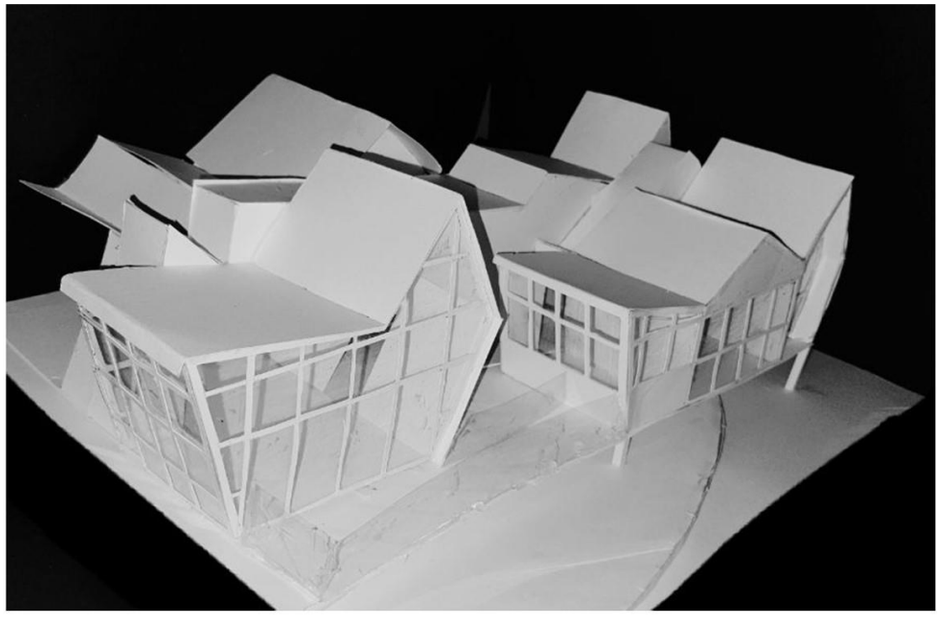
BEAM TO COLUMN CONNECTION
DETAIL C

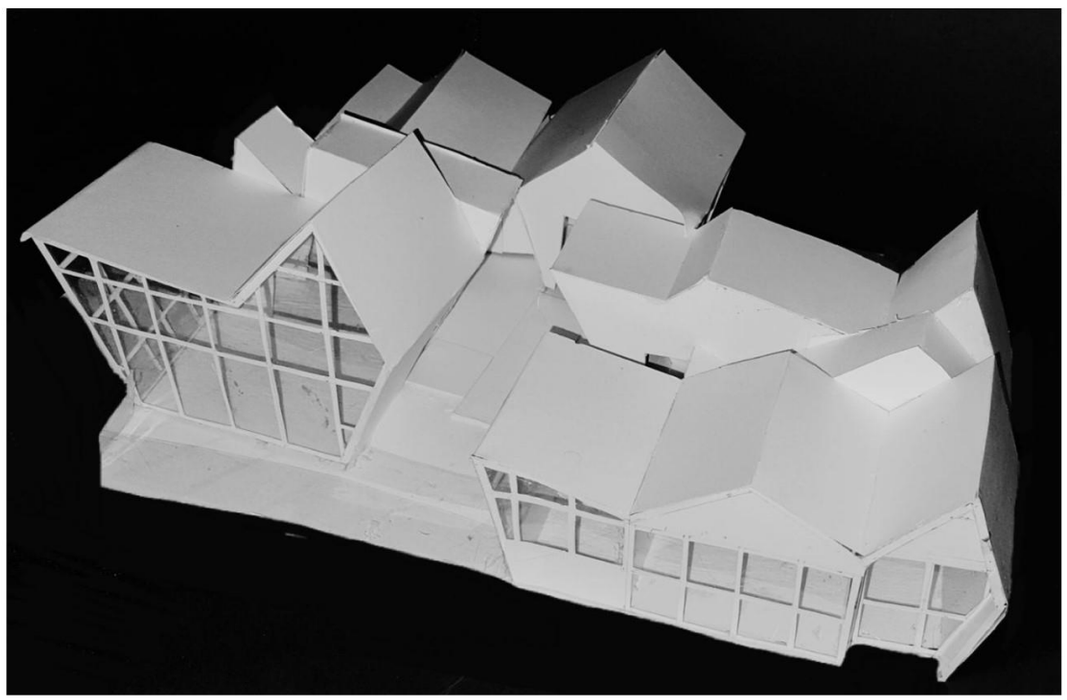


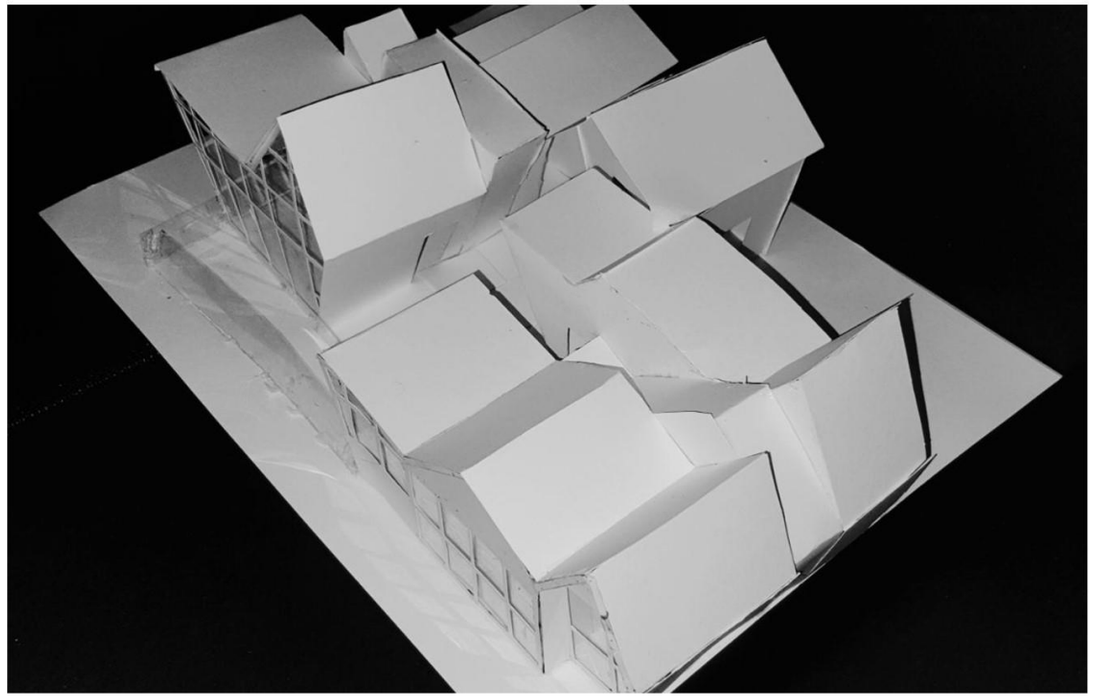
TYPTICAL TIMBER JOINTING DETAILD

NAME: TESARINA GOMME
ID: 193921447
SEM: THREE, SEPT/OCT '19

FINAL MODEL SCALE 1:50







NAME: TESARINA GOMME
ID: 193921447
SEM: THREE, SEPT/ OCT '19

CONCLUSION

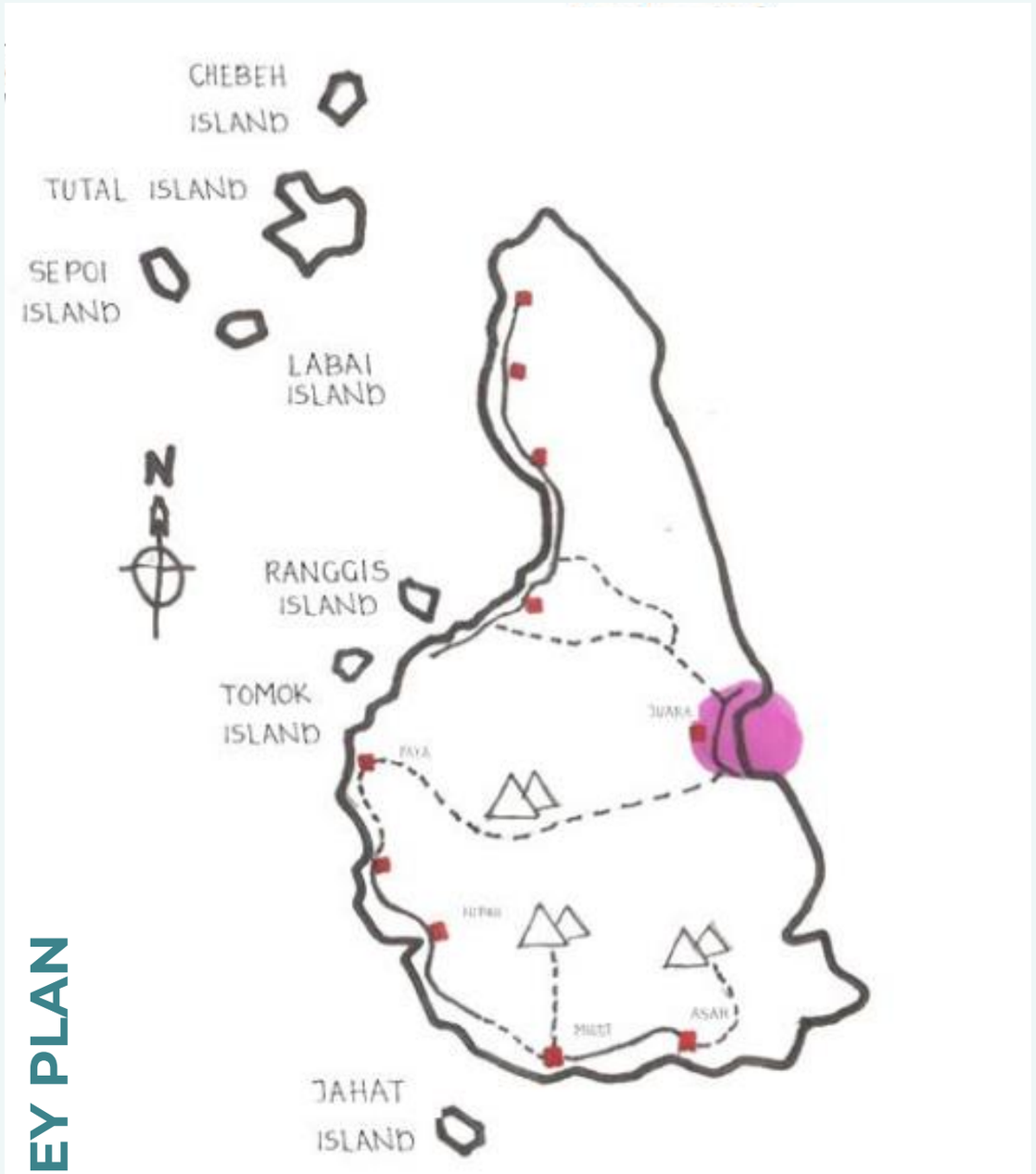
THIS PROJECT HAS BEEN A WONDERFUL EXPERIENCE AND ARE WELL THOUGHT THROUGH, GIVEN THE RESEARCH AND ALL THE DATA THAT HAS BEEN COLLECTED SUCCESSFUL, IN TERMS OF SITE ANALYSIS, SITE INVESTIGATION AND CLIENT STUDY.

A RETREAT HOUSE, HAS ITS PURPOSE AND FUNCTIONALITY AND IT IS ENTIRELY DIFFERENTCOMPARE TO AN ORDINARY HOUSE. KNOWING THE DIFFERENCE AND UNDERSTANDING BOTH STUCTURES, HELP IN CREATING THE IDEAS SOULY ON THE BRIEF OF THE CLIENT.

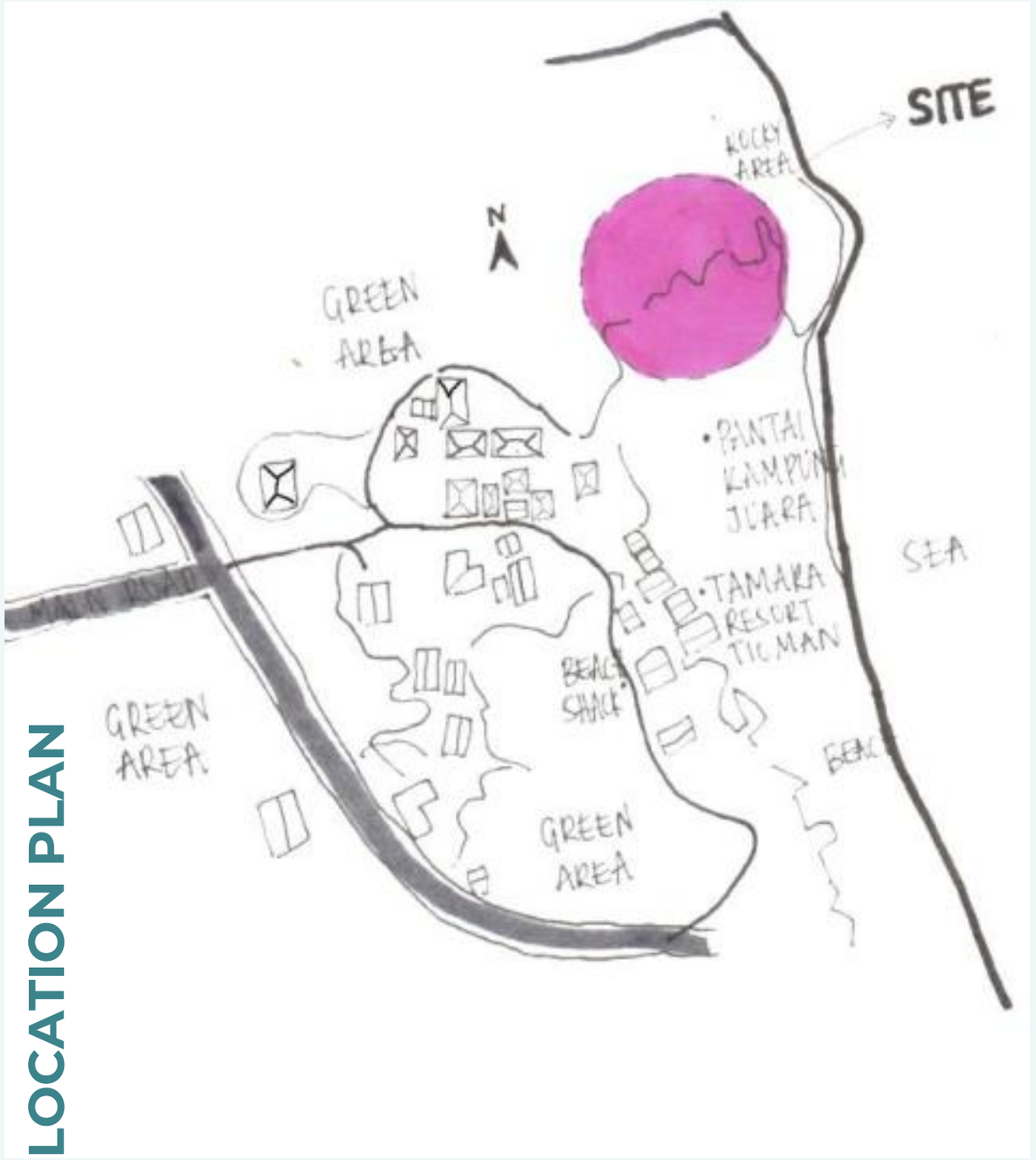
AS AN STUDENT OF ARCHITECTURE, UNDERSTANDING THE FUNDEMENTAL OF '*WHAT IS ARCHITECTURE?*', IS IMPORTANT. THE PROCESS OF BRAINSTORMING AND SEEING THE PROGRESS OF THIS PROJECT PROVES THE NECESSITY TO LEARN AND KNOW THE BASIC OF ARCHIETURAL PRINCIPLES.

DRAWING

KEY AND LOCATION PLAN



KEY PLAN



LOCATION PLAN

SITE PLAN


FOREST
AREA
N
PROPOSED
ACCESS
PROPOSED
PARKING
ROCKY
AREA
WALK-WAY
EXISTING
BUILDING
BEACH AREA
HIGH-TIDE MARK
0
5
10
20
30

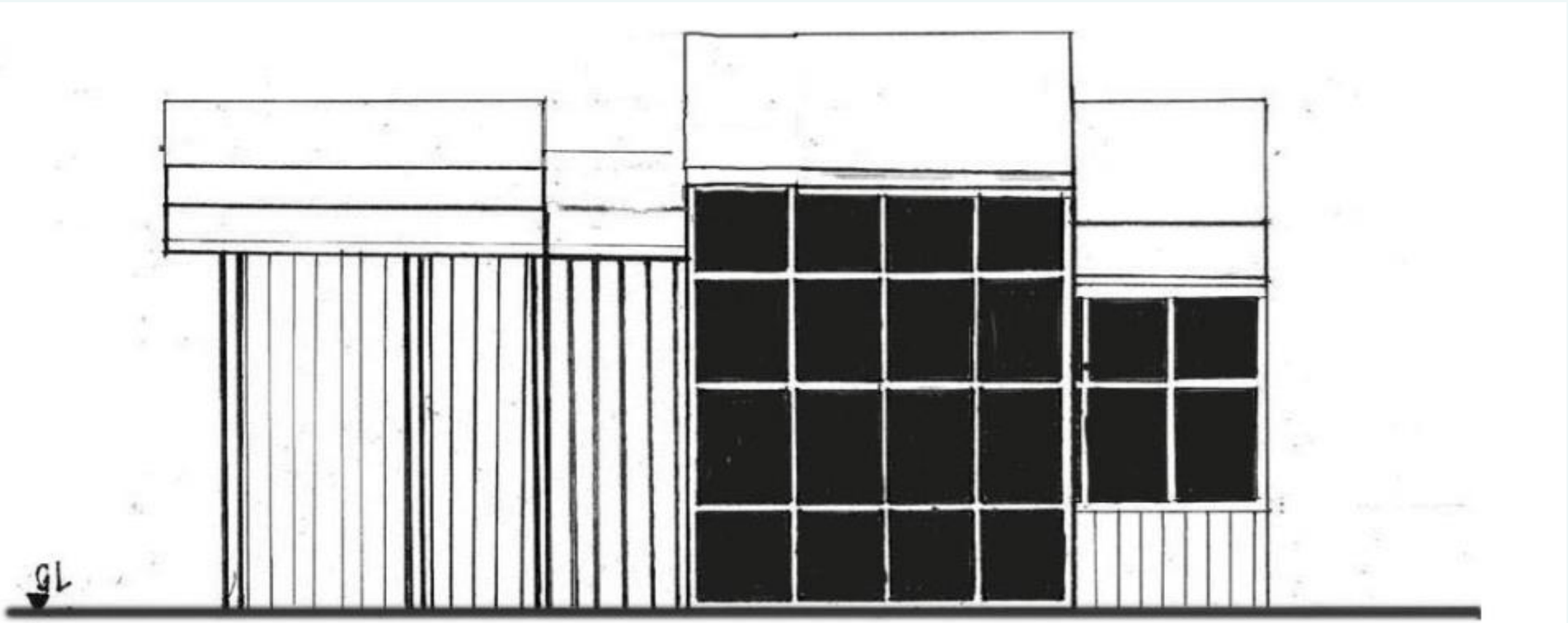
GROUND FLOOR PLAN

0 1 2 3 4 5

ELEVATION 1

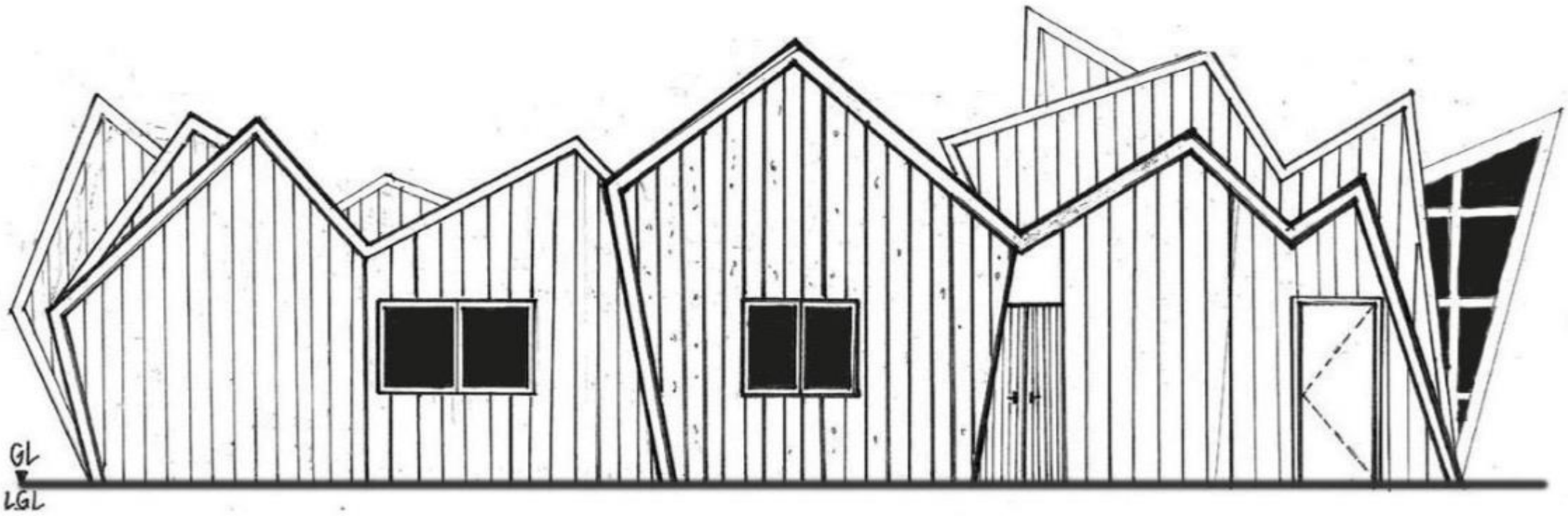
0m 1 2 3 4 5m

ELEVATION 2

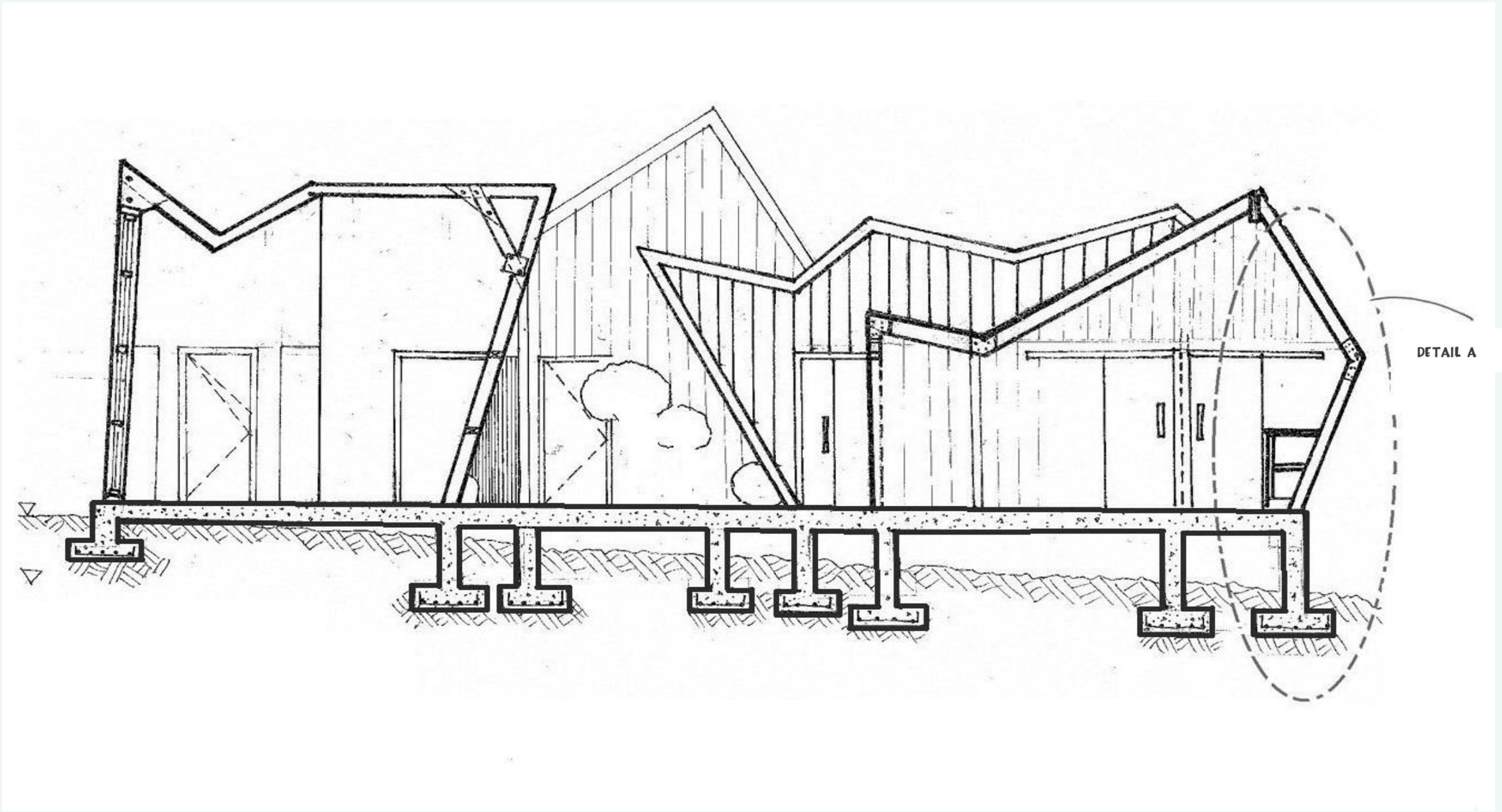


0 1 2 3 4 5

ELEVATION 3

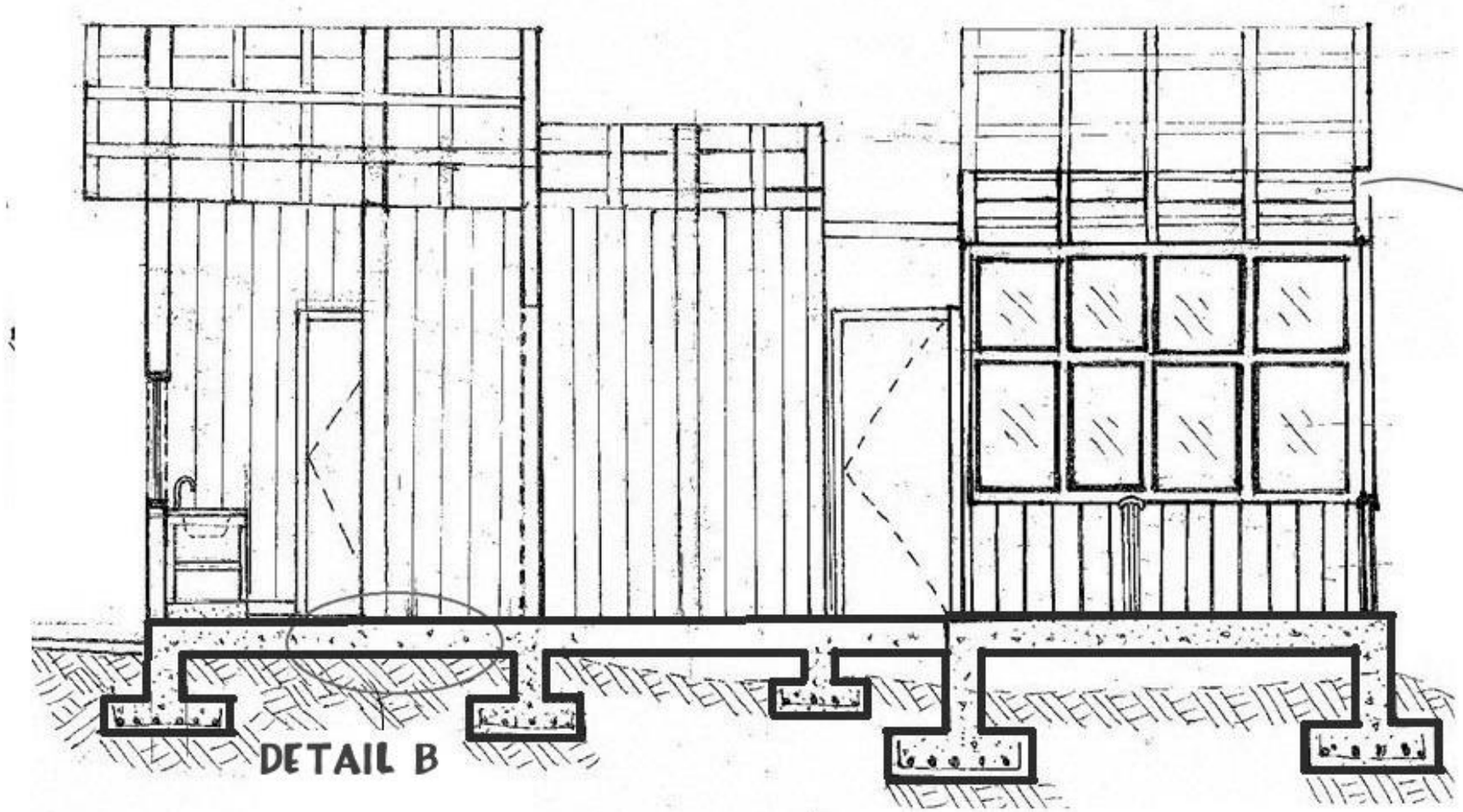


SECTION X-X



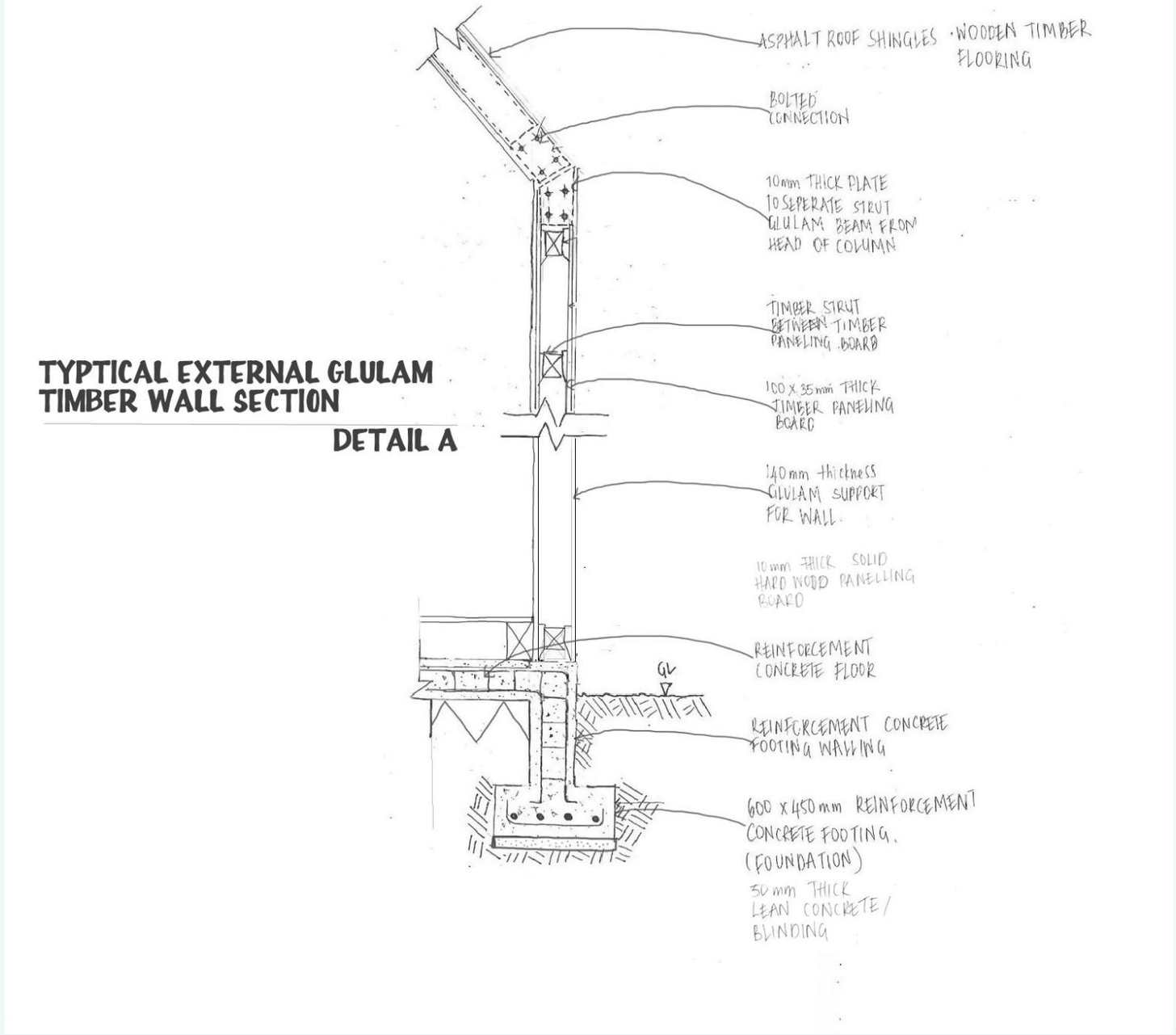
0m 1 2 3 4 5m

SECTION Y-Y



0m 1 2 3 4 5m

DETAILED DRAWING



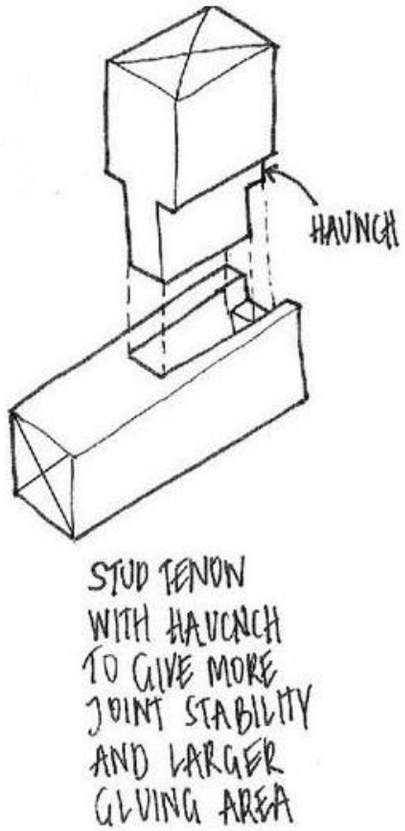
TYPTICAL EXTERNAL GLULAM TIMBER WALL SECTION

DETAIL A

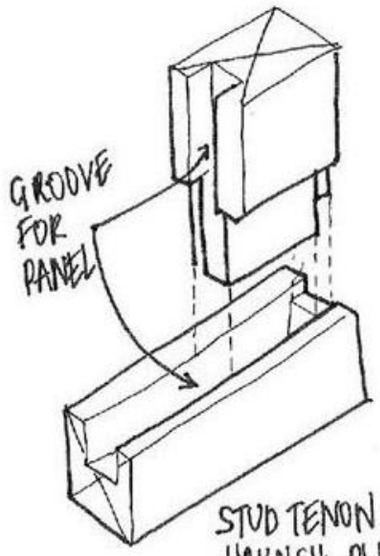
0mm 400 800

200 600 1000mm

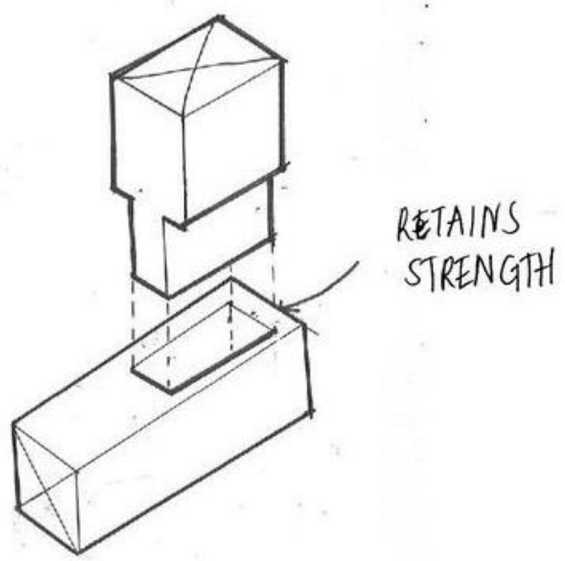
DETAILED DRAWING



STUD TENON WITH HAUNCH TO GIVE MORE JOINT STABILITY AND LARGER GLUING AREA



STUD TENON WITH HAUNCH, PLUS INSIDE SHOULDER FOR GROOVE IN PANEL

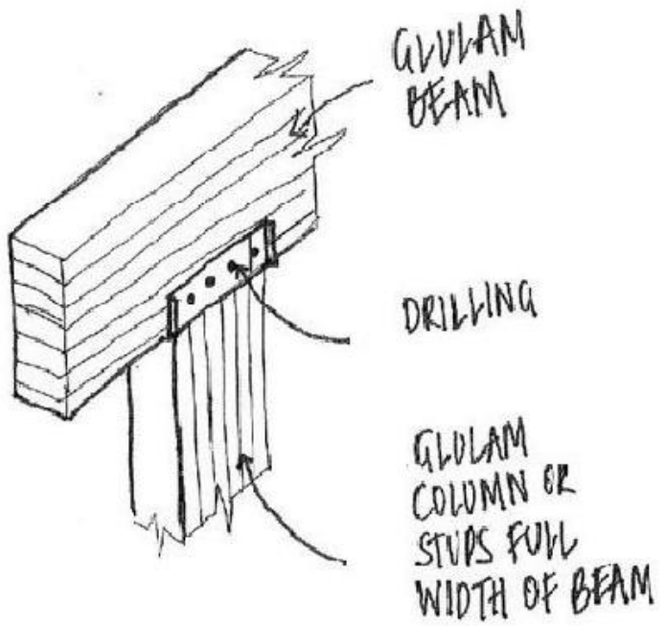


STUD TENON USED TO FORM EXTERNAL CORNERS

TYPTICAL TIMBER JOINTING DETAILD

0mm 100 150 200 250 300mm

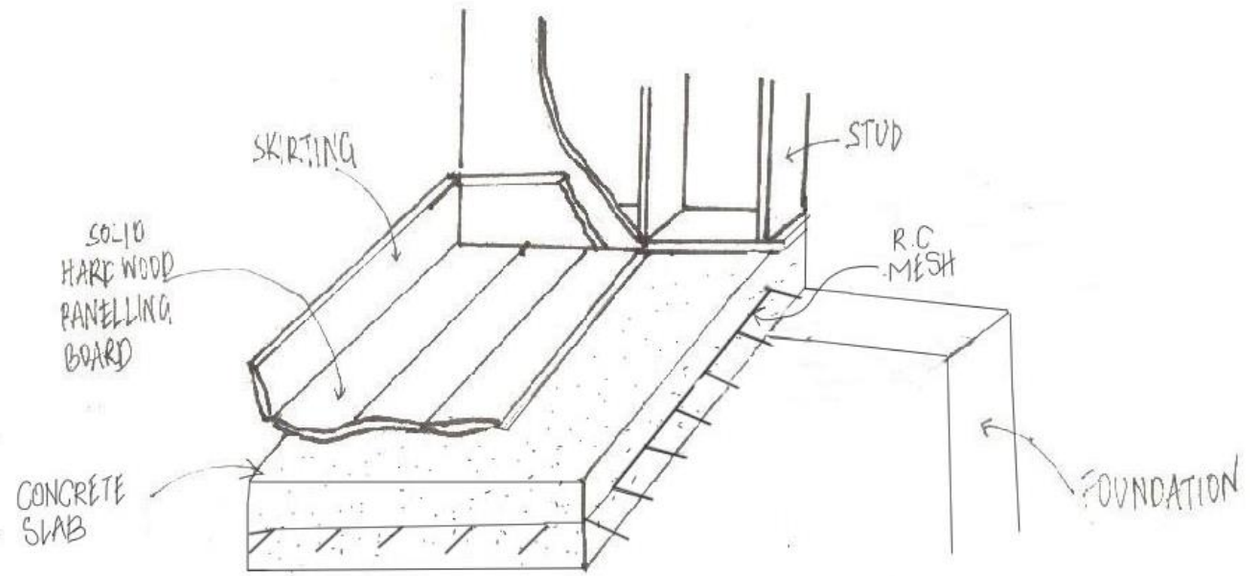
DETAILED DRAWING



BEAM TO COLUMN CONNECTION

DETAIL C

0mm 500 1000 1500mm

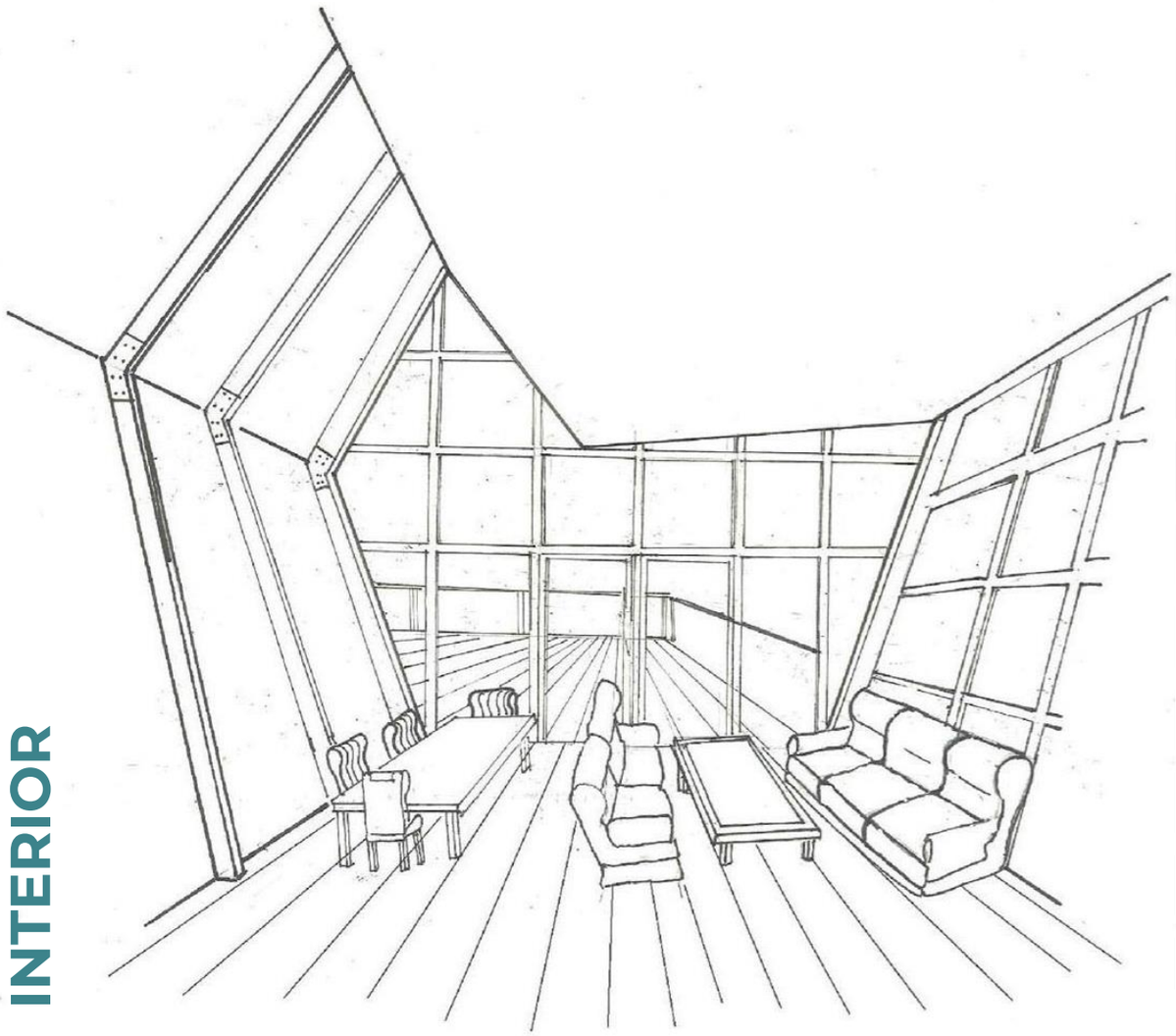


TYPICAL FLOOR DETAIL

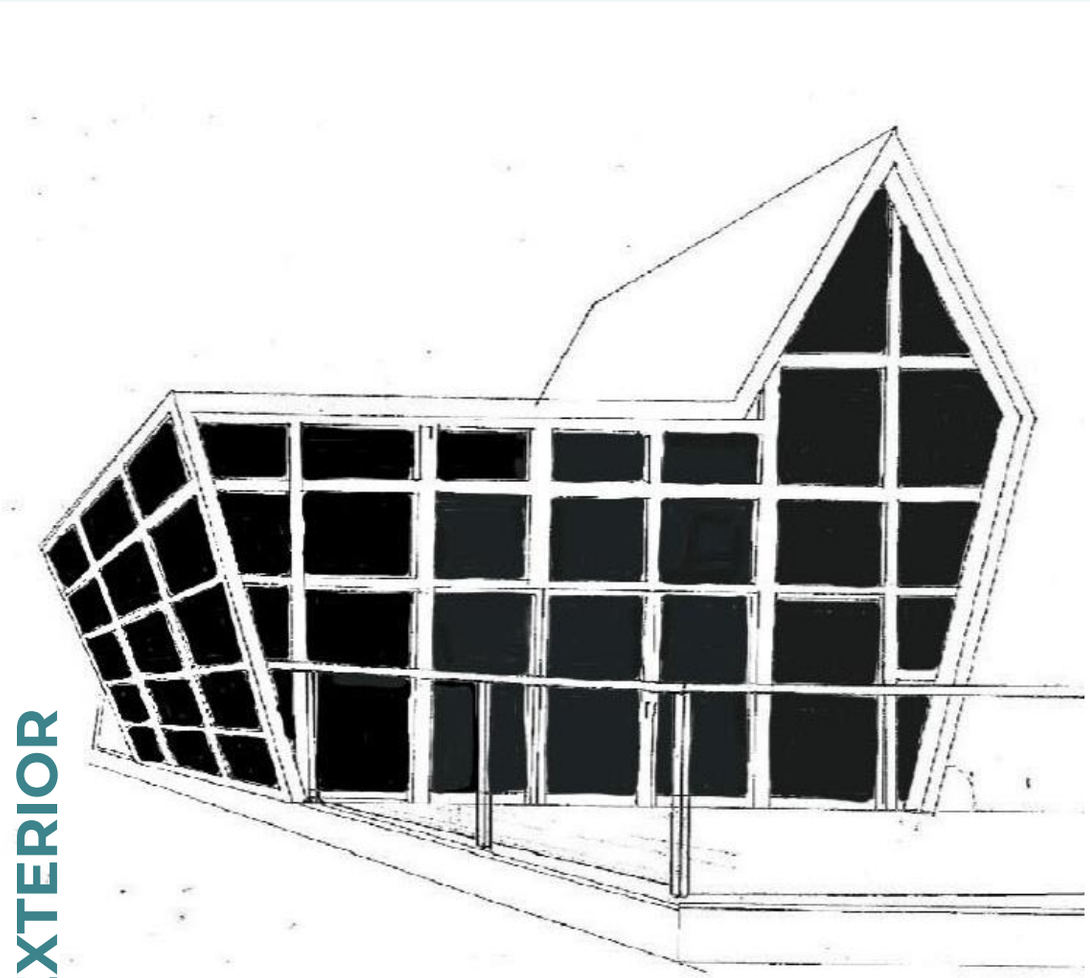
DETAIL B

0mm 200 100 300mm

PERSPESTIVE DRAWING

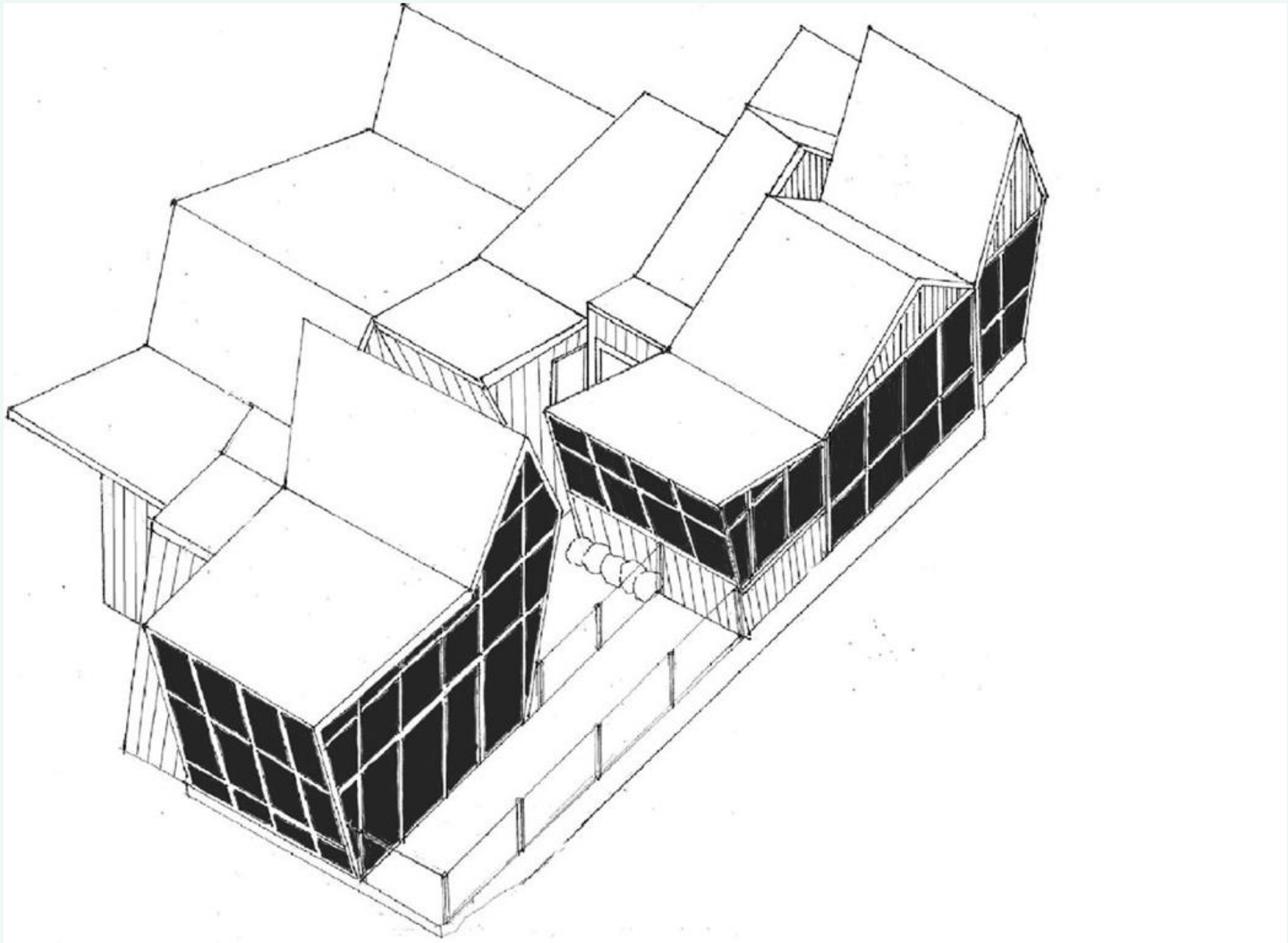


INTERIOR



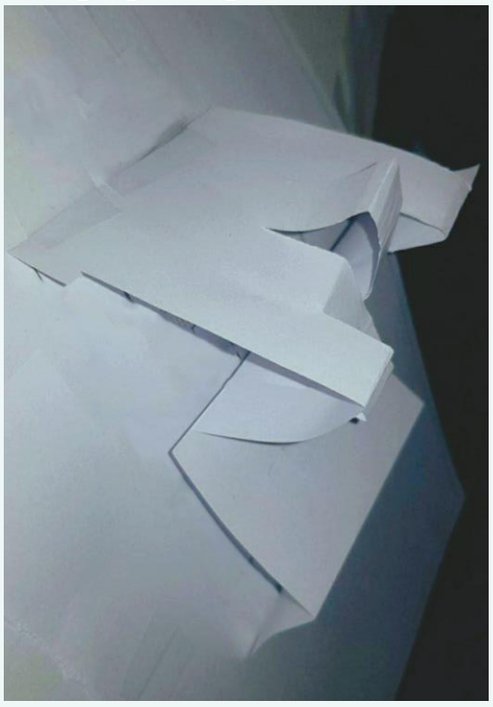
EXTERIOR

AXONOMETRY DRAWING



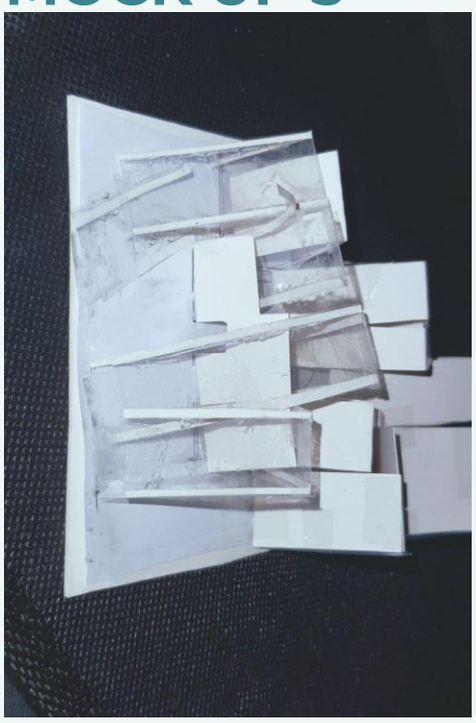
MOCK UP MODELS

MOCK UP 1

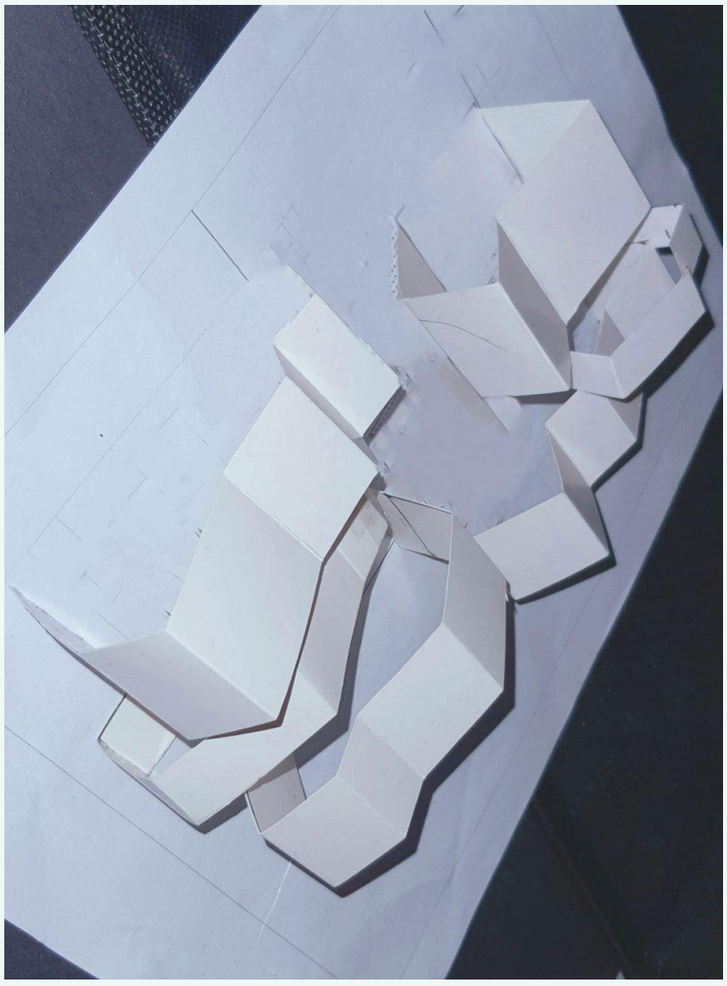


MOCK UP 2

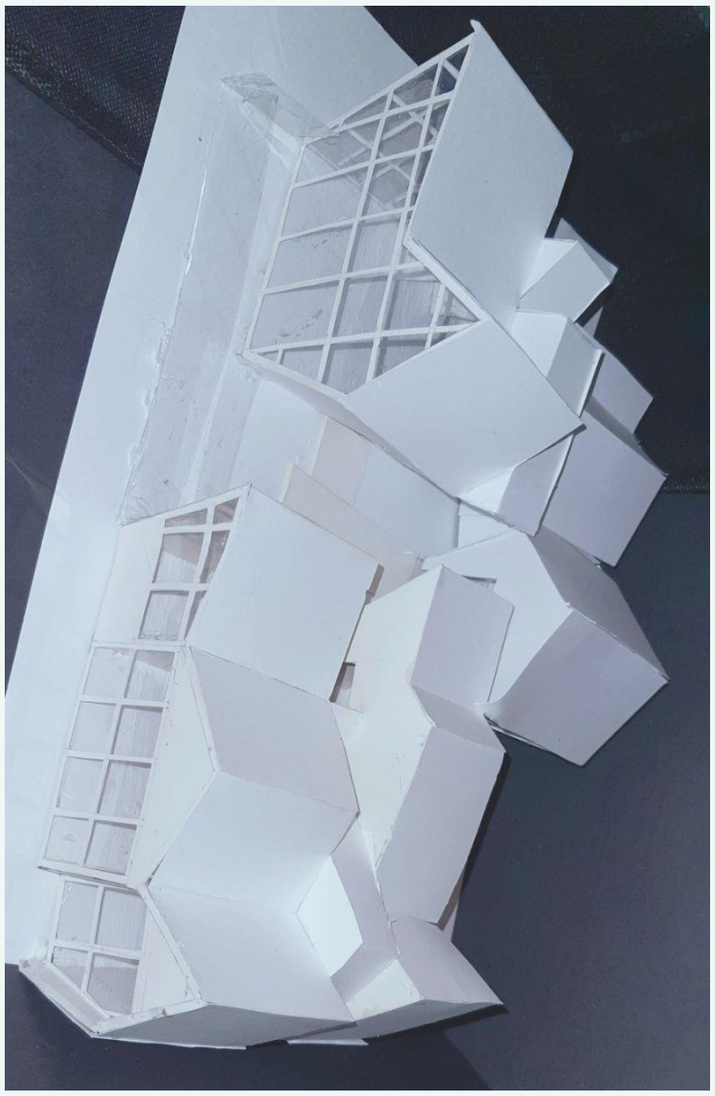
MOCK UP 3



MOCK UP 4



MOCK UP 5



FINAL MODEL

THANK YOU!