

# LOCATION



12°51'33.6" N 80°14'56.1" E  
ECR ROAD, CHENNAI  
TAMIL NADU

APPROX 20-50 KM FROM CHENNAI CITY CENTER

# CLIMATE

GENERAL CLIMATE CONDITIONS  
WARM AND HUMID TROPICAL CLIMATE

SEASONAL CHANGES:  
HOT SUMMERS  
HEAVY RAINFALL DURING  
NORTHEAST MON SOON  
MILD WINTERS



# UTILITIES



WATER AVAILABILITY:  
MUNICIPAL WATER  
SUPPLY AND BORE WELL

ELECTRICITY:  
AVAILABLE FROM  
LOCAL POWER GRID



DRAINAGE:  
MUNICIPAL STORM WATER  
DRAINS WITH ON-SITE SOAK PITS

# NOISE



VEHICULAR MOVEMENT FROM  
ADJACENT ROAD RESIDENTIAL  
ACTIVITY  
QUIET ZONES: INNER PORTIONS OF  
THE SITE AWAY FROM THE SITE

# TOPOGRAPHY

SITE CONDITIONS: MOSTLY FLAT  
TERRAIN.

DIRECTION OF SLOPE:

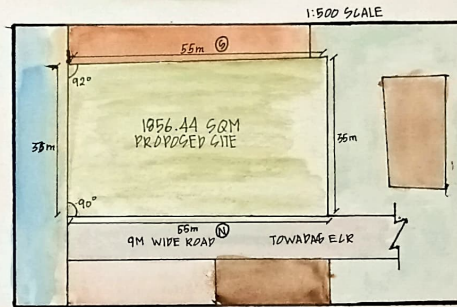
GENTE NATURAL SLOPE

FOR SURFACE DRAINAGE.

HIGH AND LOW POINTS:

MINOR LEVEL VARIATIONS  
ACROSS THE SITE

# SITE AREA

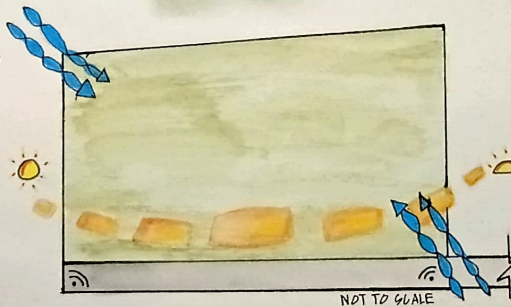


# VEGETATION

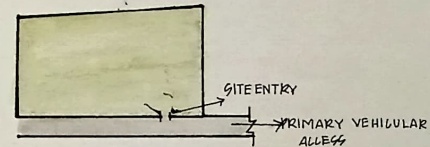
EXISTING TREES: SCATTERED TREES ALONG  
PLOT EDGES AND NEIGHBORING  
PLOTS.

NO URBAN GREEN PATCHES NEARBY

# SUNPATH



# ACCESS ROAD



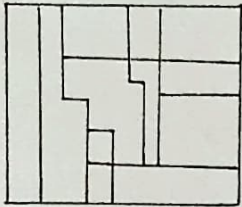
# INFERENCE

SUITABLE LOCATION FOR LOTTAGE/BUILDING:  
BUILT MASS PLACED AWAY FROM ROAD EDGE  
FOR PRIVACY AND NOISE CONTROL

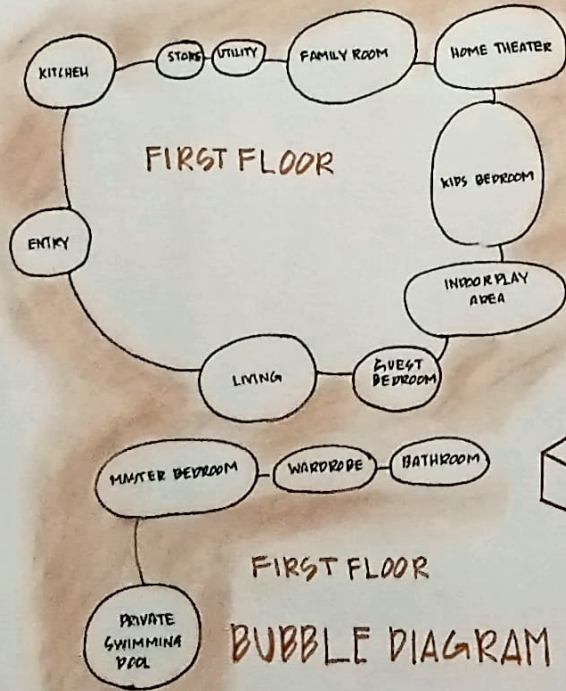
# SITE ANALYSIS

NAME: P. GEETHIKA  
RRN: 251431601012  
B. DES - SEM II  
DESIGN ENVIRONMENT  
CRESCENT SCHOOL OF ARCHITECTURE

# CONCEPT



THE BUILDING IS CONCEIVED AS A MAZE NOT TO CONFUSE BUT TO REVEAL. MOVEMENT THROUGH THE SPACE BECOMES JOURNEY OF TRANSITIONS WHERE EACH ZONE IS EXPERIENCED THROUGH A THRESHOLD. INSTEAD OF ONE DIRECT PATH, THE USER DISCOVERS SPACES GRADUALLY, BECOMING AWARE OF CHANGING LIGHT, SCALE, MATERIAL AND PRIVACY.



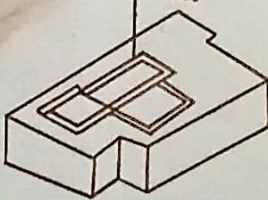
FIRST FLOOR

FIRST FLOOR

BUBBLE DIAGRAM



WANDER IN MAZE



# PROXIMITY CHART

	ENTR PORCH	ENTR FOYER	WORK AREA	LIVING	GUEST BEDROOM	INDOOR PLAY AREA	KIDS BEDROOM	HOME THEATER	FAMILY ROOM	GARAGE	UTILITY	KITCHEN	DINING	PRIVATE SWIMMING POOL	MASTER BEDROOM
ENTR PORCH	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ENTR FOYER	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
WORK AREA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LIVING	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
GUEST BEDROOM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
INDOOR PLAY	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
KIDS BEDROOM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
HOME THEATER	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
FAMILY ROOM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
GARAGE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
UTILITY	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
KITCHEN	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
DINING	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
PRIVATE SWIMMING POOL	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MASTER BEDROOM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

# moodboard



GLASS SLAB



LIVING ROOM



GLASS SLAB AT TRANSITION SPACE



OUT SIT OUT SPACE



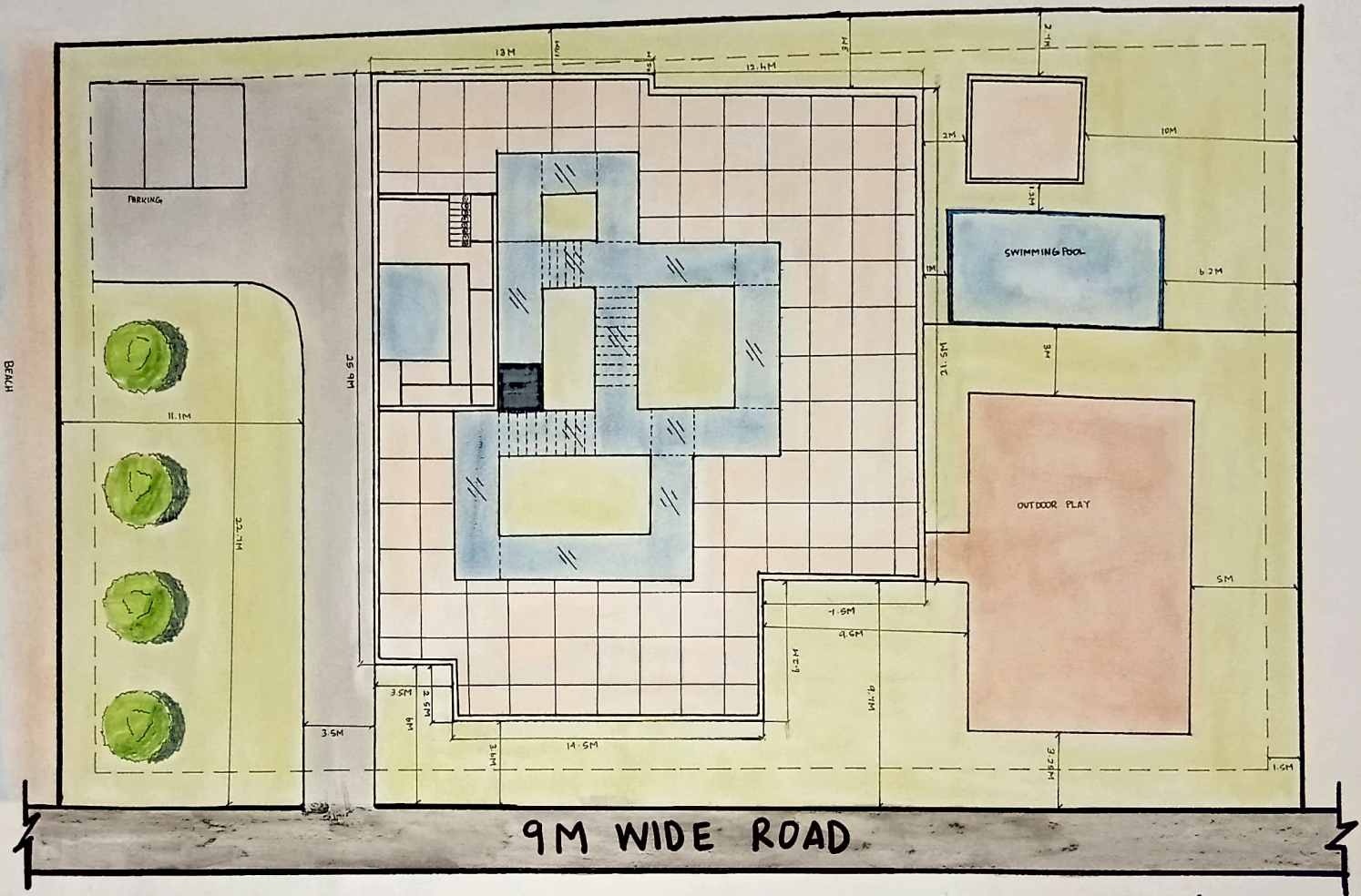
KITCHEN



BEDROOM

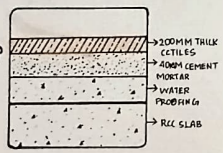
# Mazes of Threshold

NAME PREEETHIKA  
 ERN 251431 601012  
 DES-SEMII  
 DESIGN ENVIRONMENT  
 CRESENT SCHOOL OF ARCHITECTURE



SETBACK-1.5M

TOTAL PLOT BUILD UP  
 AREA = 478 M<sup>2</sup>  
 GROUND FLOOR + FIRST  
 FLOOR = 478 M<sup>2</sup>

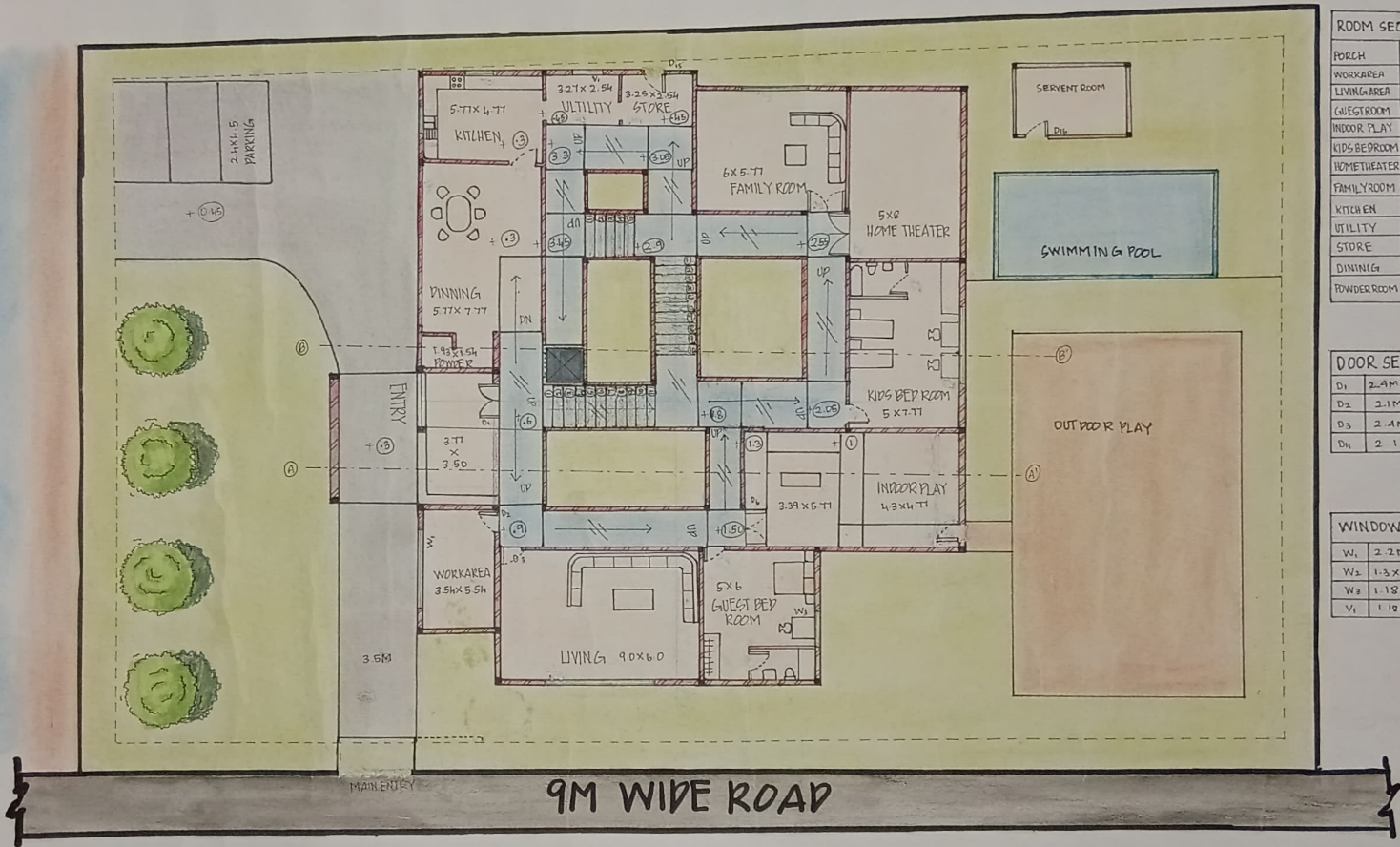


# WEEKEND COTTAGE

## SITE PLAN

SCALE- 1:100  
 ALL DIMENSIONS ARE IN M (METER)

P. GEETHIKA
RRN: 251431601012
B. DES- SEMII
DESIGN ENVIRONMENT
CRESCENT SCHOOL OF ARCHITECTURE



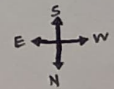
ROOM SCHEDULE	
PORCH	3.77M X 3.50M
WORKAREA	3.5M X 5.5M
LIVING AREA	9.0M X 6.0M
GUEST ROOM	5.7M X 6.0M
INDOOR PLAY	3.9M X 5.77M
KIDS BEDROOM	5.7 X 7.77M
HOME THEATER	5M X 8M
FAMILY ROOM	6 X 5.77M
KITCHEN	5.77M X 4.77M
UTILITY	3.21M X 2.54M
STORE	3.27M X 3.5M
DINING	5.77M X 7.77M
POWDER ROOM	1.93M X 7.77M

DOOR SCHEDULE	
D1	2.4M X 1.8M
D2	2.1M X 0.9M
D3	2.4M X 0.9M
D4	2.1 X 1.8M

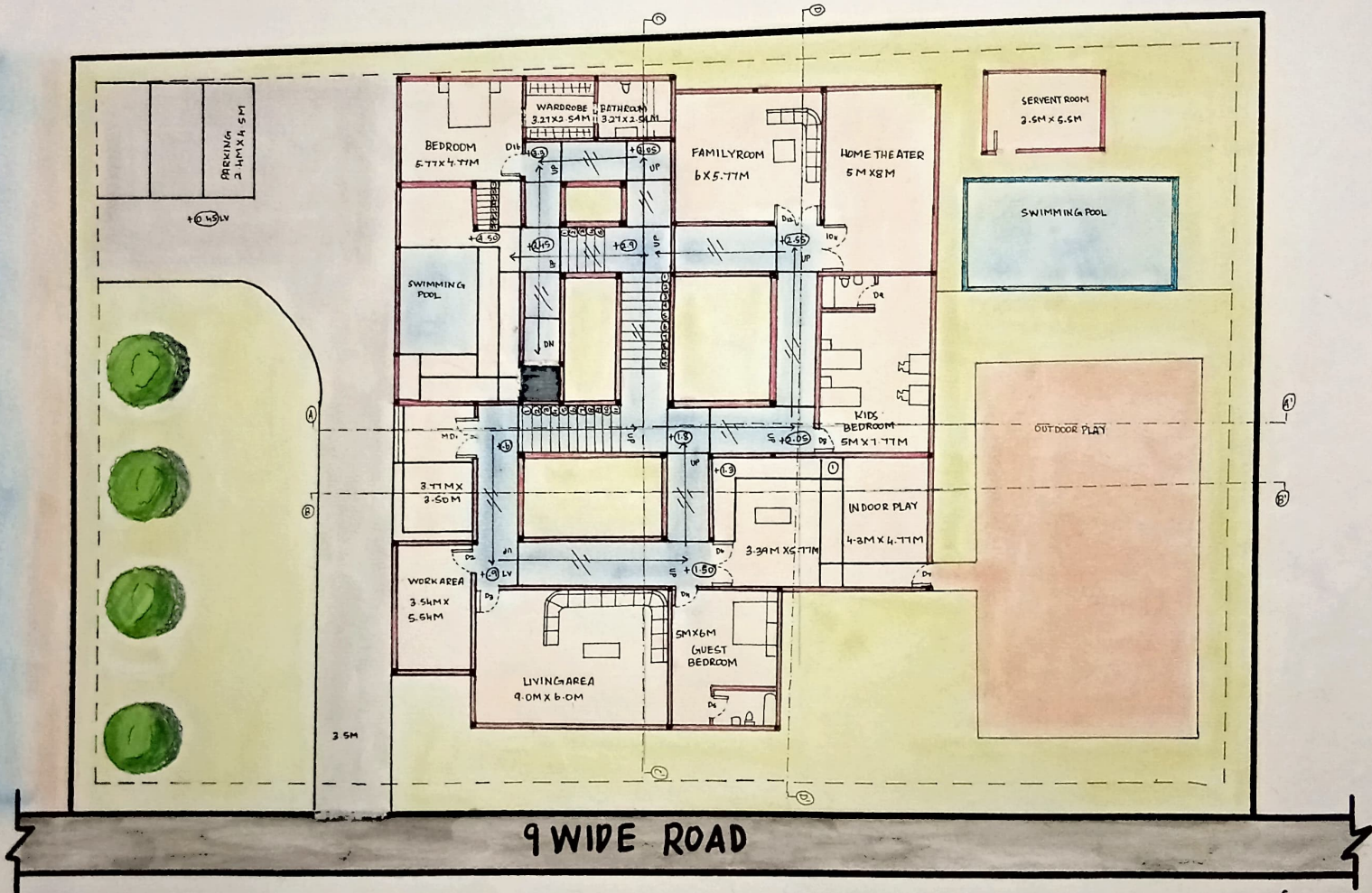
WINDOW SCHEDULE	
W1	2.2M X 1.3M
W2	1.3 X 1.5M
W3	1.12M X 0.9M
W4	1.12M X 0.9M

# WEEKEND COTTAGE GROUND FLOOR PLAN

SCALE - 1:100  
ALL DIMENSIONS ARE IN M (METER)

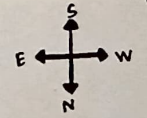


P. GEETHIKA  
RRN: 251431601012  
B. DES - SEM II  
DESIGN ENVIRONMENT  
CRESCENT SCHOOL OF ARCHITECTURE



# WEEKEND COTTAGE

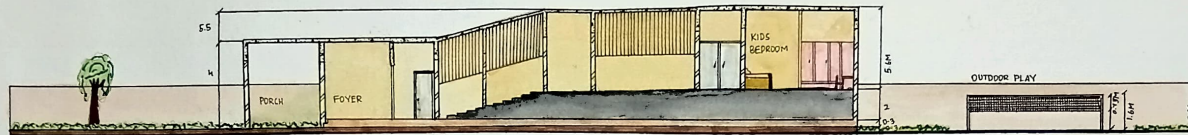
## FIRST FLOOR PLAN



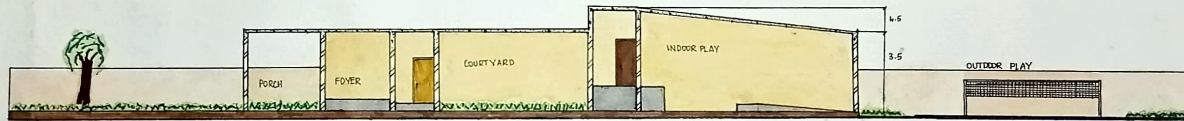
SCALE - 1:100  
 ALL DIMENSIONS IN M (METER)

NAME: P. GEETHIKA
RRN: 251431601012
B. DES - SEM II
DESIGN ENVIRONMENT
(RESIDENT SCHOOL OF ARCHITECTURE)

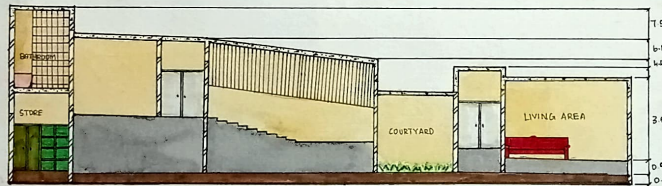
### SECTION AA'



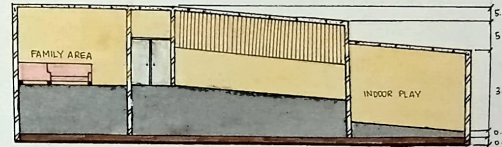
### SECTION BB'



### SECTION CC'



### SECTION DD'

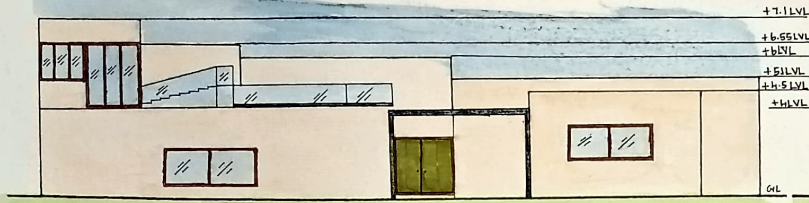


SCALE 1:100 ALL DIMENSIONS ARE IN M (METRE)

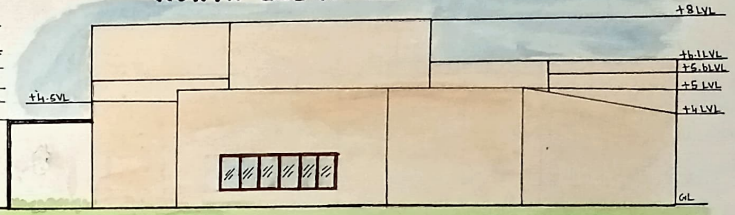
# WEEKEND COTTAGE-SECTIONS

NAME : P. GEETHIKA
RRN : 251431601012
B. DES - SEM II
DESIGN ENVIRONMENT
CRESCENT SCHOOL OF ARCHITECTURE

EAST ELVATION



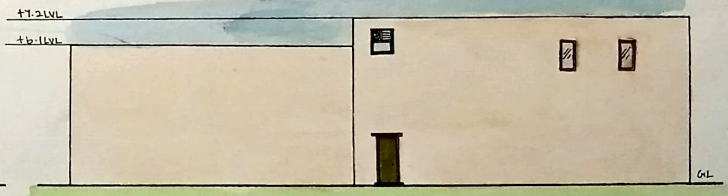
NORTH ELEVATION



WEST ELEVATION



SOUTH ELVATION

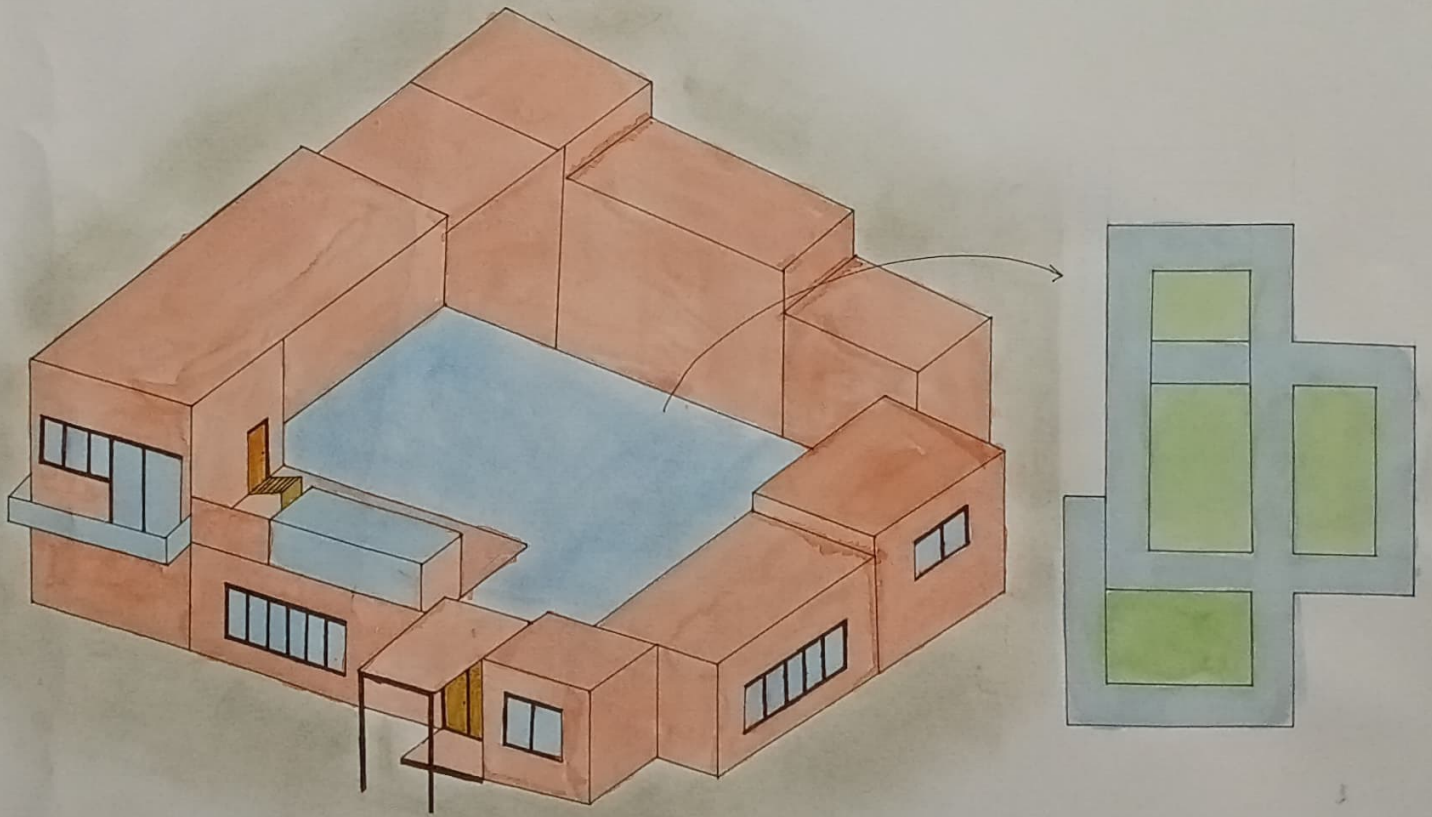


SCALE - 1 : 100

ALL DIMENSIONS ARE IN M (METRE)

NAME: P. GEETHIKA
RRN: 251431601012
B. DES - SEM II
DESIGN ENVIRONMENT
CRESLENT SCHOOL OF ARCHITECTURE

# WEEKEND COTTAGE - ELEVATIONS



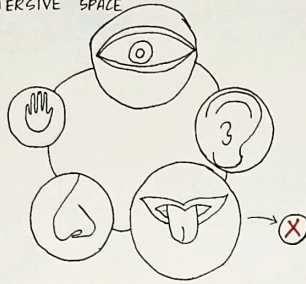
# VIEWS

NAME: P. GEETHIKA
KRN. 251431601012
B. DES - SEM II
DESIGN ENVIRONMENT
CRESENT SCHOOL OF ARCHITECTURE

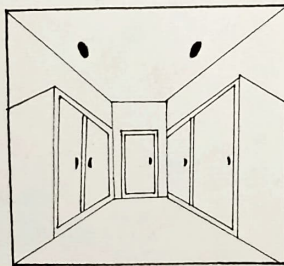
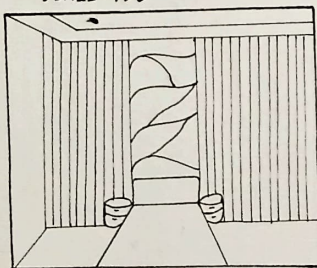
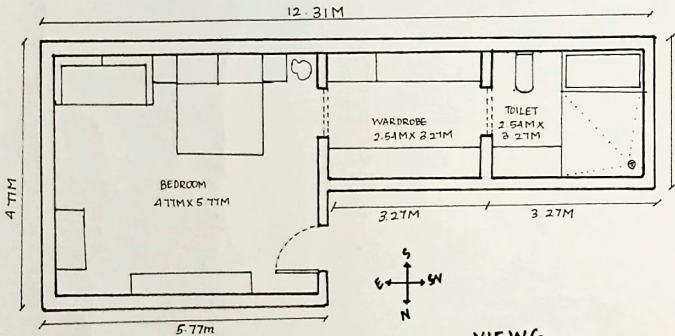
# SENSORY ARCHITECTURE

5 SENSORY ARCHITECTURE FOCUSES ON DESIGNING INTERIORS THAT SENSORY ENGAGE ALL FIVE HUMAN SENSES. COLOURS AND LIGHTING CREATE VISUAL COMFORT. TEXTURES IN MATERIALS ENHANCE THE SENSES OF TOUCH, PLANTS AND FRAGRANCES STIMULATE SMELL, WHILE CLAM ACOUSTICS IMPROVE SOUND. THESE ELEMENTS TOGETHER CREATE A RELAXING AND IMMERSIVE SPACE.

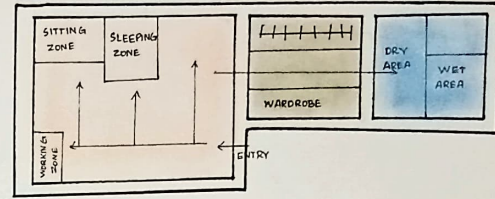
- SIGHT (VISUAL EXPERIENCE)
- TOUCH (TACTILE EXPERIENCE)
- SOUND (ACOUSTIC EXPERIENCE)
- SMELL (OLFACTORY EXPERIENCE)
- TASTE (GUSTATORY EXPERIENCE)



## FLOOR PLAN



# CONCEPTUAL ZONING



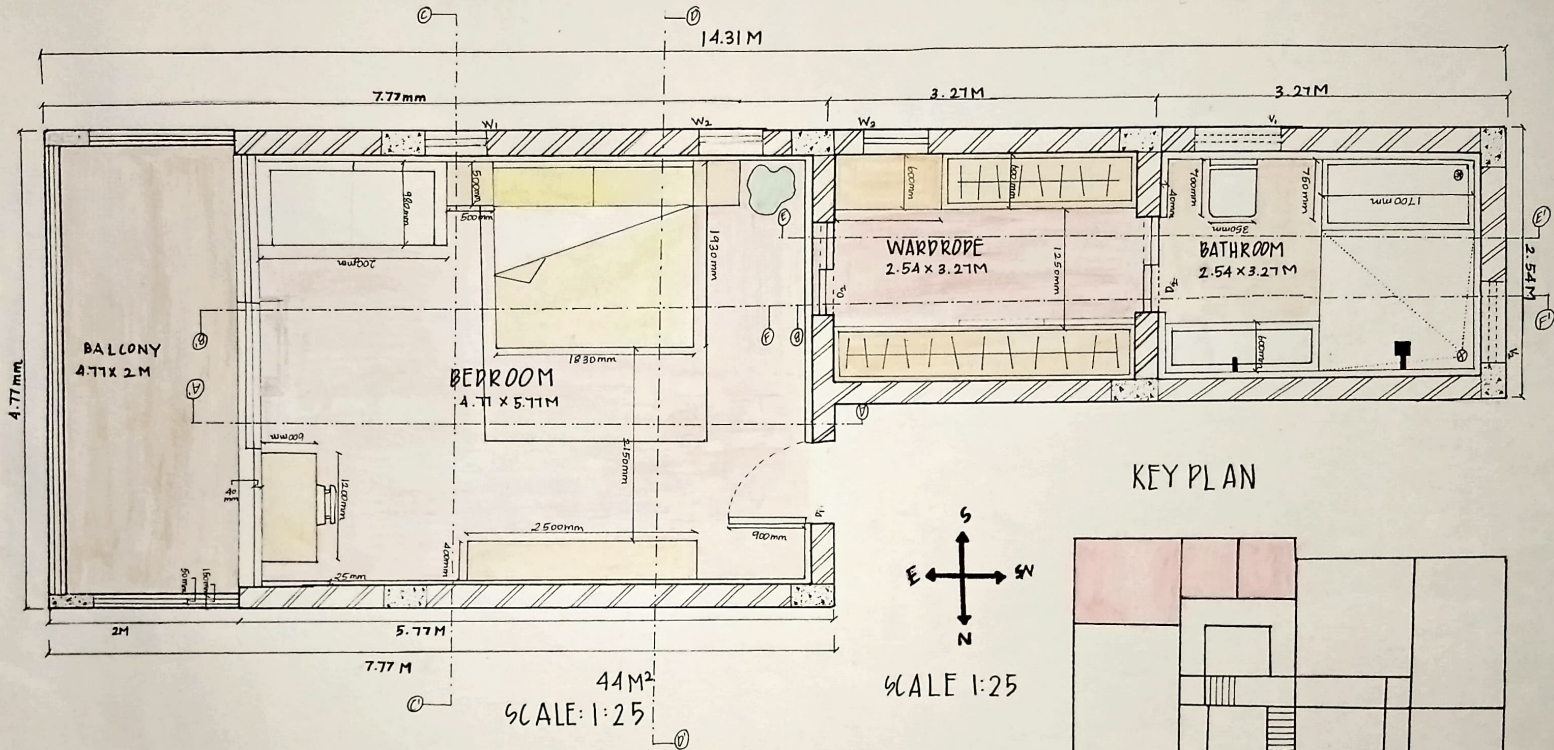
- BEDROOM
- WARD ROBE
- BATHROOM

## MOOD BOARD



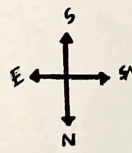
# CONCEPT SHEET

P. GEETHIKA  
 RRN: 251431601012  
 B DES - SEM II  
 DESIGN ENVIRONMENT  
 CRESCENT SCHOOL OF ARCHITECTURE

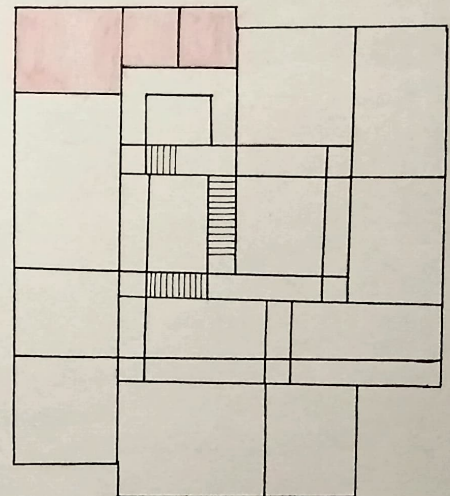


44M<sup>2</sup>  
SCALE: 1:25

KEY PLAN



SCALE 1:25



WINDOW SCHEDULE

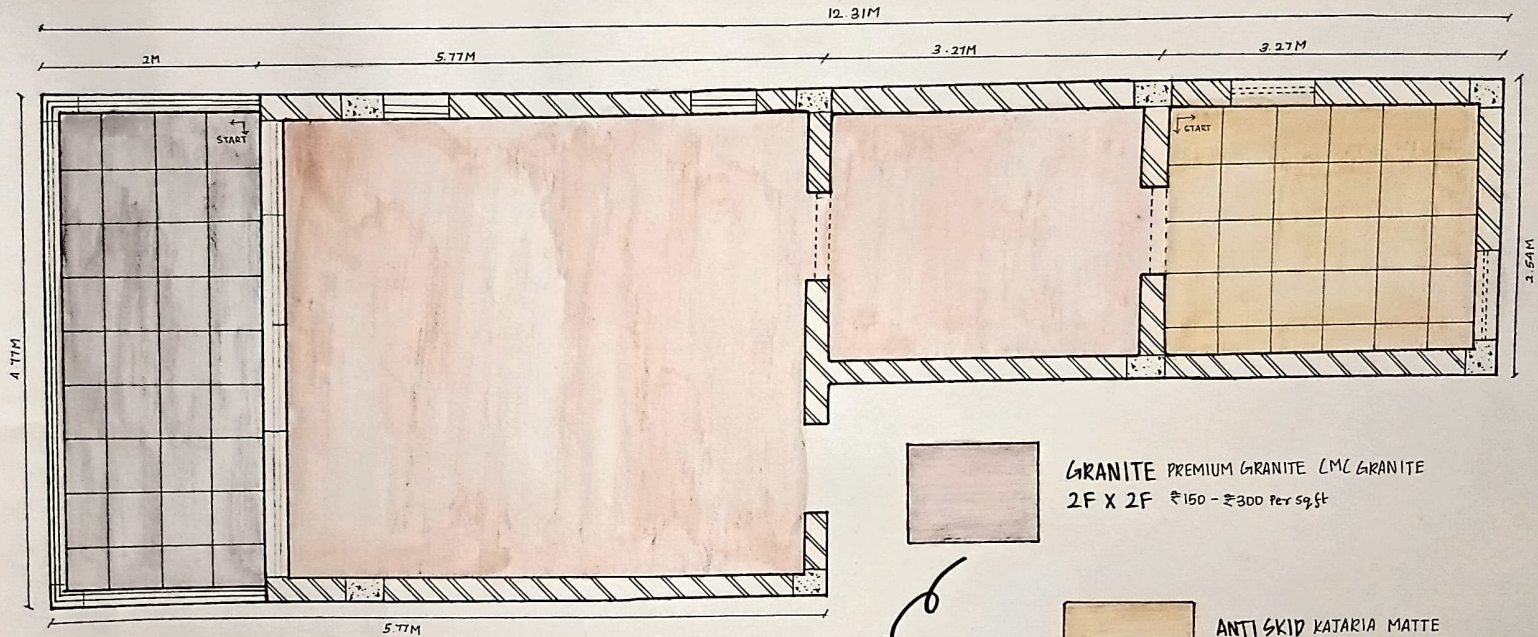
WINDOW	L x B
W <sub>1</sub>	1.38 M X 0.553 M
W <sub>2</sub>	1.38 M X 0.553 M
W <sub>3</sub>	0.59 M X 1.96 M
V <sub>1</sub>	1.8 M X 0.9 M
V <sub>2</sub>	1.8 M X 0.9 M

DOOR SCHEDULE

DOOR	L x B
D <sub>1</sub>	2.1 M X 0.9 M
D <sub>2</sub>	2.1 M X 0.9 M
D <sub>3</sub>	2.1 M X 0.9 M

# SPACE PLANNING

P. GFFTHIKA  
251131621212  
B DES - SEM II  
DESIGN ENVIRONMENT  
CRESENT SCHOOL OF ARCHITECTURE



**GRANITE** PREMIUM GRANITE (MC GRANITE)  
2F X 2F ₹150 - ₹300 Per Sq.ft

**ANTI SKID** KATARIA MATTE  
2F X 2F ANTI SKID VERIFIED  
TILES  
₹70 - ₹150 Per Sq.ft

- DURABILITY
- WEATHER RESISTANCE
- LOW MAINTANCE

- PREVENTS SLIPPLING
- WATER RESISTENT
- DURABLE IN MOISTURE PRONE ENVIRONMENTS

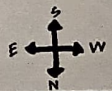
- SEAMLESS LOOK
- COOL
- EARTY INTERIOR
- ECO FRIENDLY

BEDROOM - OXIDE FLOORING [BROWN]  
WARDROBE - OXIDE FLOORING [BROWN]  
BATHROOM - ANTI SKID TILES [BROWN]  
BALCONY - GRANITE [BLACK]

BASE: PL (PLAIN CEMENT  
CONCRETE) 75-100 MM  
SUB-BASE: CEMENT + SAND  
LAYER: 20-40 MM  
OXIDE LAYER: 15-200 MM

BASE: REINFORCED CONCRETE SLAB  
WATER PROOFING MEMBRANE 2M  
CEMENTIOUS TILE ADHESIVE 4-6MM  
ANTI SKID TILES 8-10MM

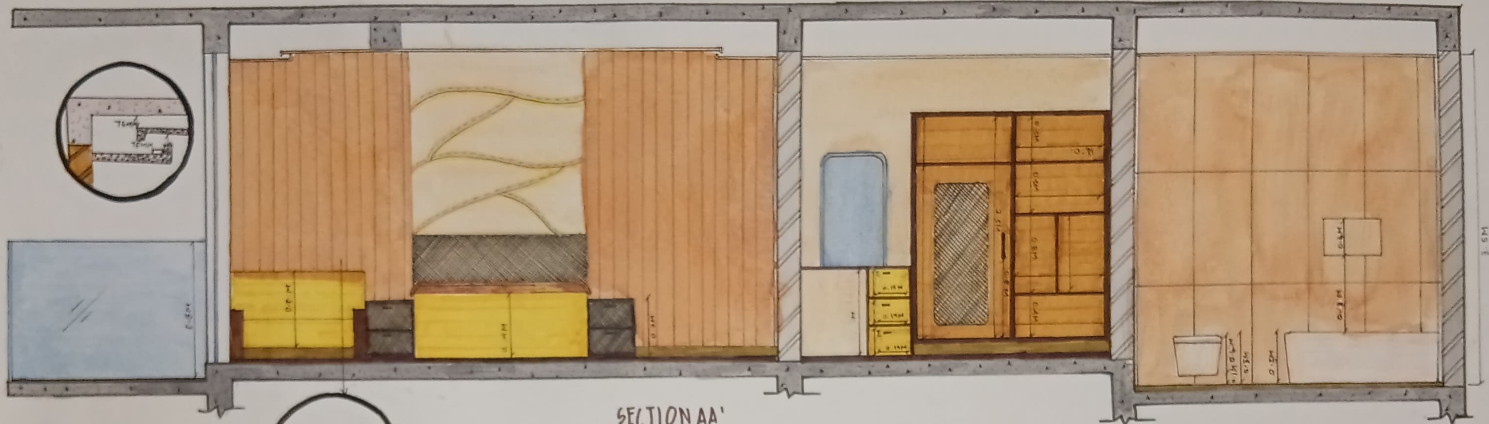
SCALE 1:25



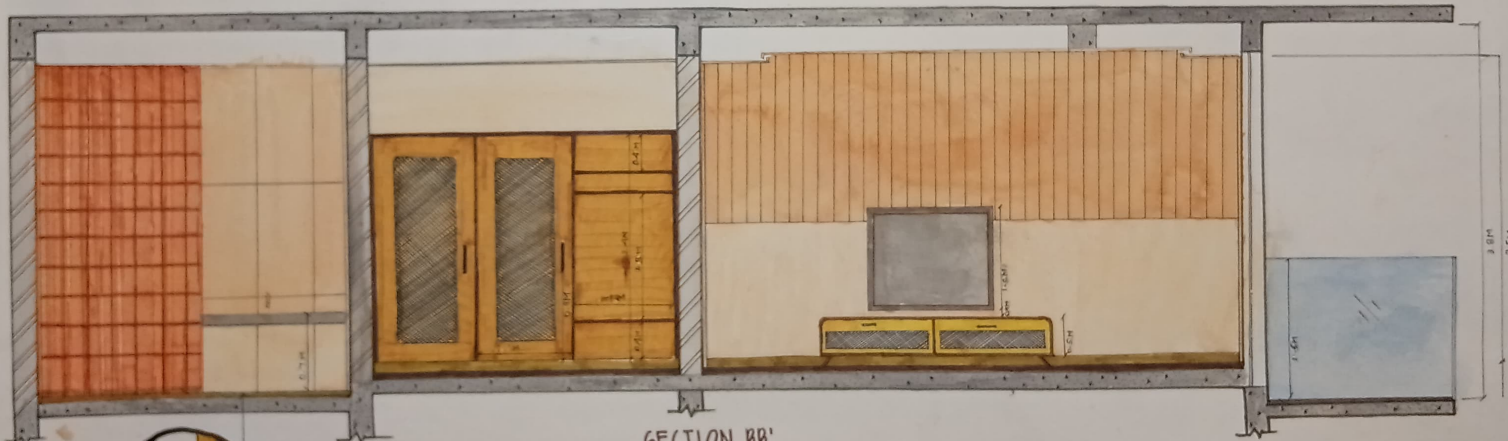
# FLOORING LAYOUT

P. GEETHIKA  
RRN: 251431601012  
B. DES - SEM II  
DESIGN ENVIRONMENT  
REGENT SCHOOL OF ARCHITECTURE





SECTION AA'



SECTION BB'



# SECTIONAL ELEVATION

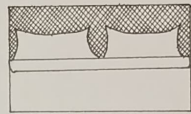
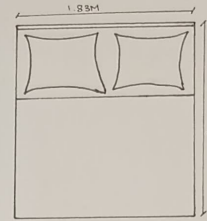
SCALE 1:25  
 ALL DIMENSION ARE IN M (METER)

P. GEETHIKA
RRN: 251A31601012
B. DES - SEM II
DESIGN ENVIRONMENT
DESIGN SCHOOL OF ARCHITECTURE

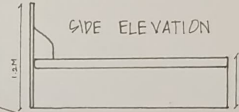
# 3D VIEWS



TOP ELEVATION BED

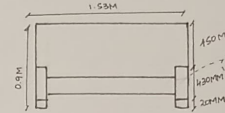
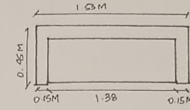


FRONT ELEVATION

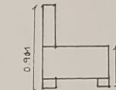


SIDE ELEVATION

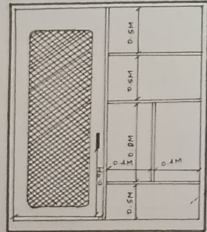
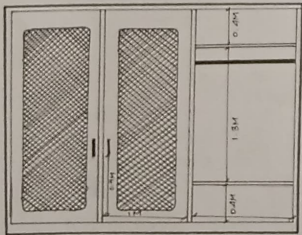
TOP ELEVATION SOFA



FRONT ELEVATION



SIDE ELEVATION



WARDROBE - FRONT ELEVATION



Supervisor name

Ar. Jabeenunisa

Supervisor email

jabeenunisa@crescent.education

