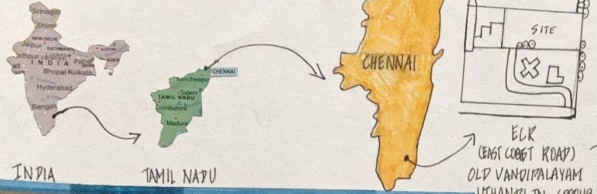
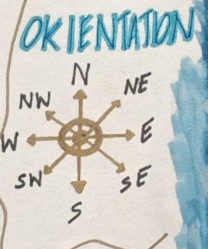


# SITE LOCATION

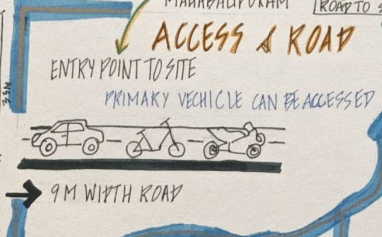
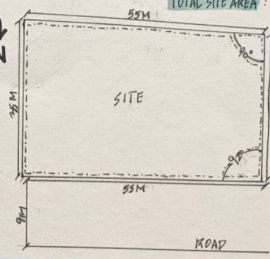
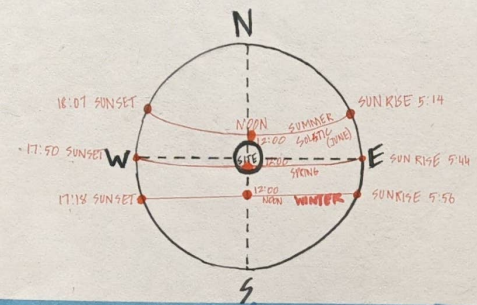


**DISTANCE FROM NEAREST CITY/TOWN**  
 AKKARAI - 3.5 - 4 KM  
 PANAIYUR - 2 KM  
 JUVAMPAKKAM - 6 KM  
 SHOLINGANALLUR - 5.5 KM  
 KANATHUR - 2 KM

**COORDINATES:** 12° 51' 33.6" N, 80° 14' 55.7" E  
**SITE AREA & SHAPE**  
 TOTAL SITE AREA: 1856.44 SQM



## SUN PATH



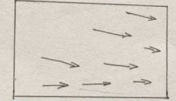
## VEGETATION



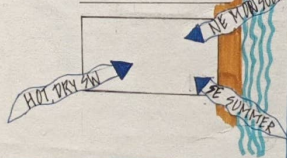
## TOPOGRAPHY



## DRAINAGE



## WIND DIRECTION



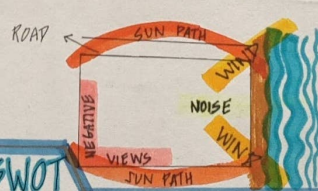
## CLIMATE

**ANALYSIS**

Month	1	2	3	4	5	6	7	8	9	10	11	12
Temp	27	28	29	30	31	32	31	30	29	28	27	26
Rain	21	21	21	28	27	24	25	25	20	22	23	22

**HOT & HUMID CLIMATE**

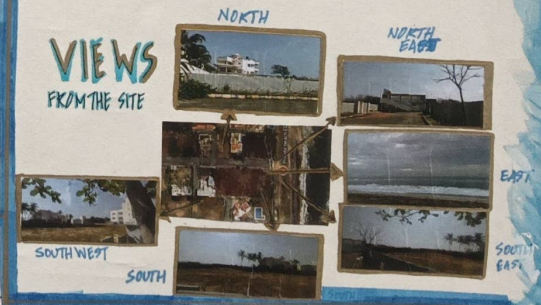
## INFERENCE



## SWOT

**STRENGTH:** BEACH VIEW, SUN PATH  
**WEAKNESS:** ONE-WAY ENTRY TO SITE  
**OPPORTUNITIES:** CALM ENVIRONMENT, GROWING  
**THREATS:** AIR CONTAIN SALT PARTICLES

## VIEWS FROM THE SITE



# SITE ANALYSIS

NAME: ASHIFANA NI  
 REN: 25143106007  
 B-DES SEM II  
 DESIGN ENVIRONMENT  
 CRECENT SCHOOL OF ARCHITECTURE



DOOR	SIZE (DxH)	MATERIAL
D1	2.1M X 1M	WOOD
D2	2.1M X 1M	WOOD
D3	2.1M X 1.3M	GLASS
D4	2.1M X 2M	WOOD
D5	2.1 X 1.8M	PANELLED






DOOR SCHEDULE

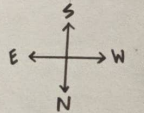
WINDOW	SIZE (DxH)	MATERIAL
W1	1.5 X 1.5M	GLASS
W2	1M X 80CM	GLASS
W3	AS. WASH	GLASS

WINDOW / VENTILATOR

NO.	SPACE	(LxW) SIZE	AREA
1	PORCH	5 X 8	40 SQM
2	FOYER	2 X 3	6 SQM
3	LIVING	5 X 10	50 SQM
4	DINING	5 X 7	35 SQM
5	KITCHEN	4 X 7	28 SQM
6	UTILITY	3 X 2	6 SQM
7	STORE	3 X 2	6 SQM
8	SERVANT ROOM	3 X 4	12 SQM
9	GUEST BEDROOM	5 X 8	40 SQM
10	PLAY ROOM	4.5 X 7.7	33.8 SQM
11	WORKSPACE	3.5 X 5.5	19.25 SQM
12	SHOWER	3.5 X 2	7 SQM
13	PATHWAY	5 X 7	35 SQM

TOTAL : 321 SQ.M  
 GROUND : 321 SQ.M  
 FIRST : 145 SQ.M  
 BUILT UP : 466 SQ.M

-  - PAVEMENT
-  - BUSH
-  - WOOD
-  - FURNITURE
-  - BUSH WALL



SCALE : 1:100  
 ALL DIMENSIONS IN M



# WEEKEND COTTAGE - GROUND FLOOR PLAN

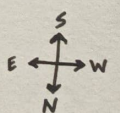
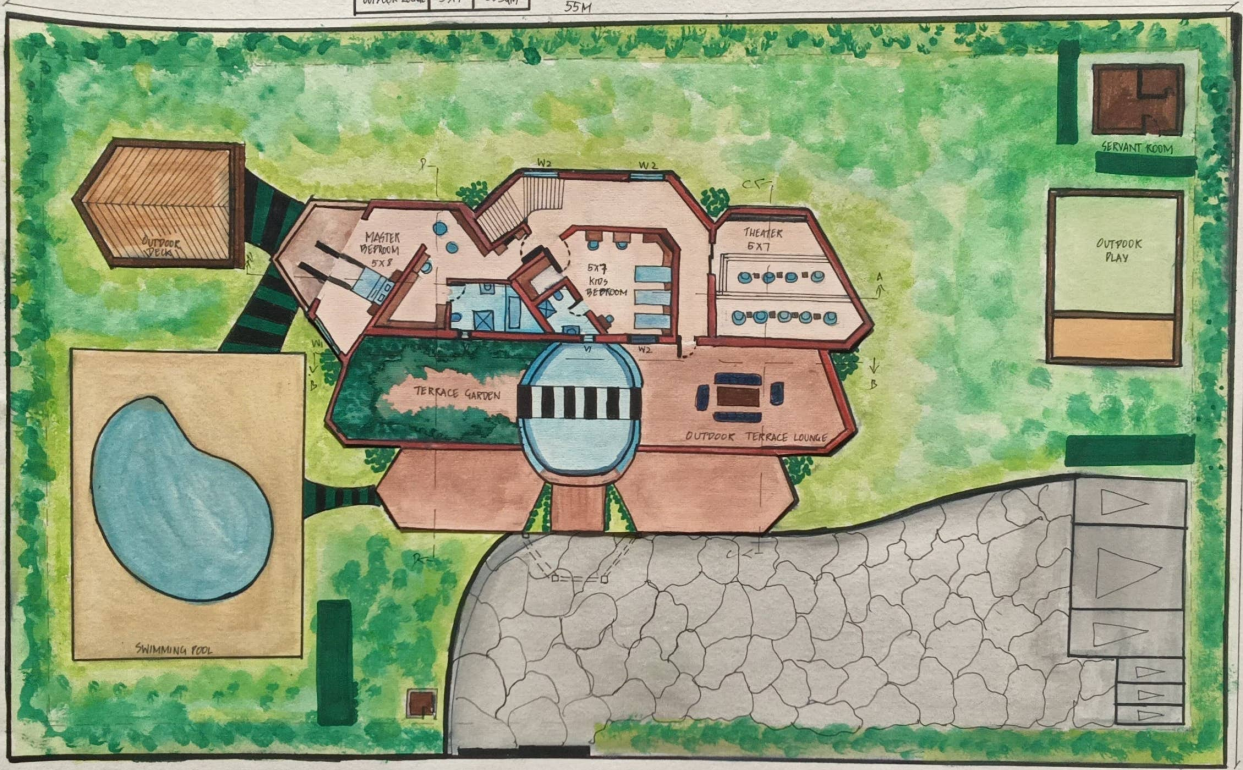
ASHIFANA NI  
 25143101007  
 B.PES - SEM II  
 CRESCENT SCHOOL OF ARCHITECTURE  
 DESIGN ENVIRONMENT

WINDOW	SIZE(LXW)	MATERIAL
W1	3.2M X 2.0M	GLASS
W2	1.5M X 1.5M	GLASS

VENTILATOR	SIZE	MATERIAL
V1	0.5M X 0.5M	GLASS

SPACE	LXW	AREA
MASTER BEDROOM	5X8	40 SQM
KIDS BEDROOM	5X7	35 SQM
THEATRE	6X7	35 SQM
OUTDOOR LOUNGE	5X7	35 SQM

TOTAL - 145 SQM  
 GROUND - 321 SQM  
 BUILD UP - 466 SQM  
 55M



SCALE-1:100  
 ALL DIMENSION IN M

9M WIDE ROAD

# WEEKEND COTTAGE - FIRST FLOOR PLAN

ASHIFANA NI  
 251431601007  
 B.OBS SEM II  
 DESIGN ENVIRONMENT  
 CRESCENT SCHOOL OF ARCHITECTURE



FRONT VIEW



REAR VIEW



LEFT VIEW



RIGHT VIEW

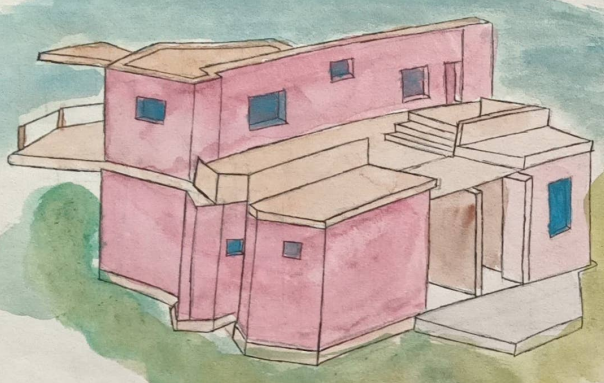


ELEVATION

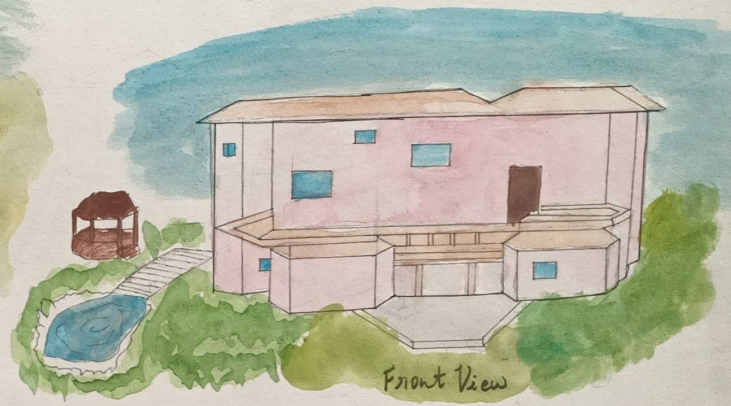
ASHIFANA NI  
 2014010007  
 E. DES SEM II  
 DESIGN ENVIRONMENT  
 (RESIDENT SCHOOL OF ARCHITECTURE)

SCALE 1:100  
 BY ASHIFANA NI

# VIEWS



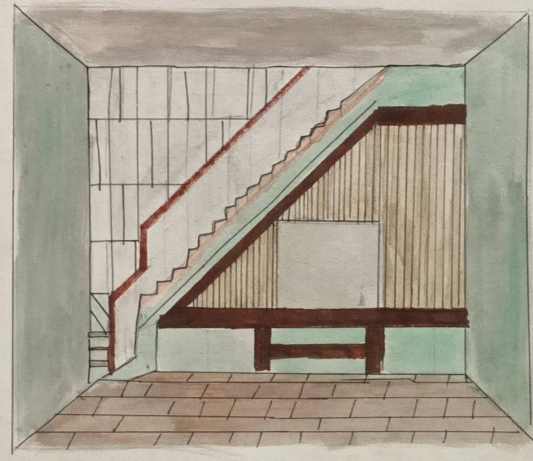
Side View



Front View



Dining Room



Living

AMIFANA N  
2014/2015/2016  
DESIGN ENVIRONMENT  
CRESCENT SCHOOL OF ARCHITECTURE



DOOR SCHEDULE

DOORS	L X B	NO OF DOORS
D1	2.10M X 0.9M	1
D2	2.1M X 0.75M	1
D3	2.70M X 2.70M	1

WINDOW SCHEDULE & VENTILATION

VENTILATION WINDOW	L X B	NO OF VENTILATION NO OF WINDOWS
W1	2.1M X 4M	1
W2	2.1M X 0.9M	2
W3	0.50M X 0.50M	1

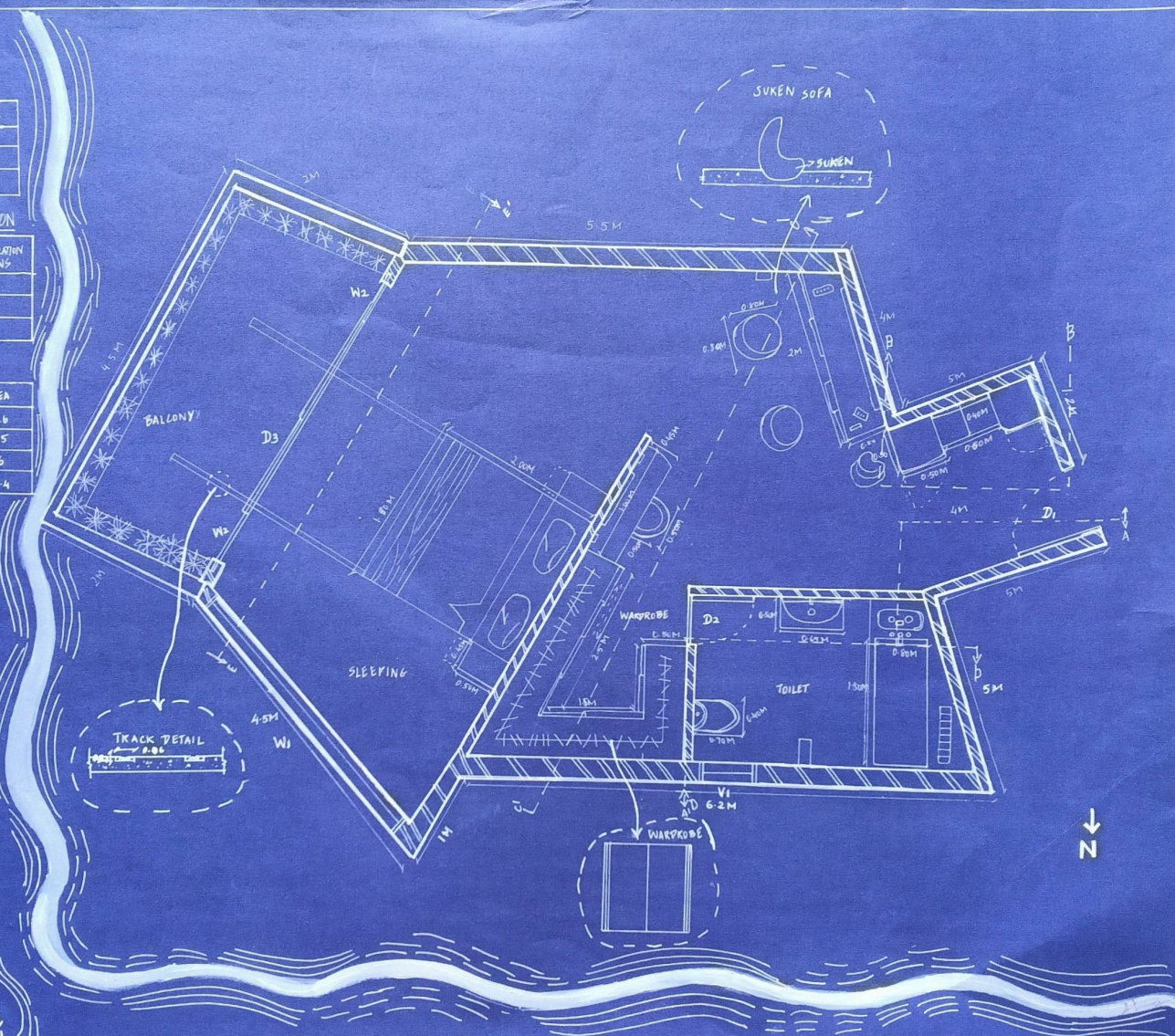
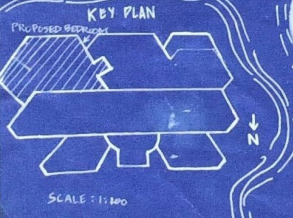
AREA REQUIREMENTS

SPACE	L X B	AREA
SLEEPING	3.5 X 6	21.0
WARDROBE	4.5 X 3	13.5
TOILET	0.7 X 2	6
BALCONY	4.2 X 2	8.4

TOTAL AREA : 49.5 Sq.M

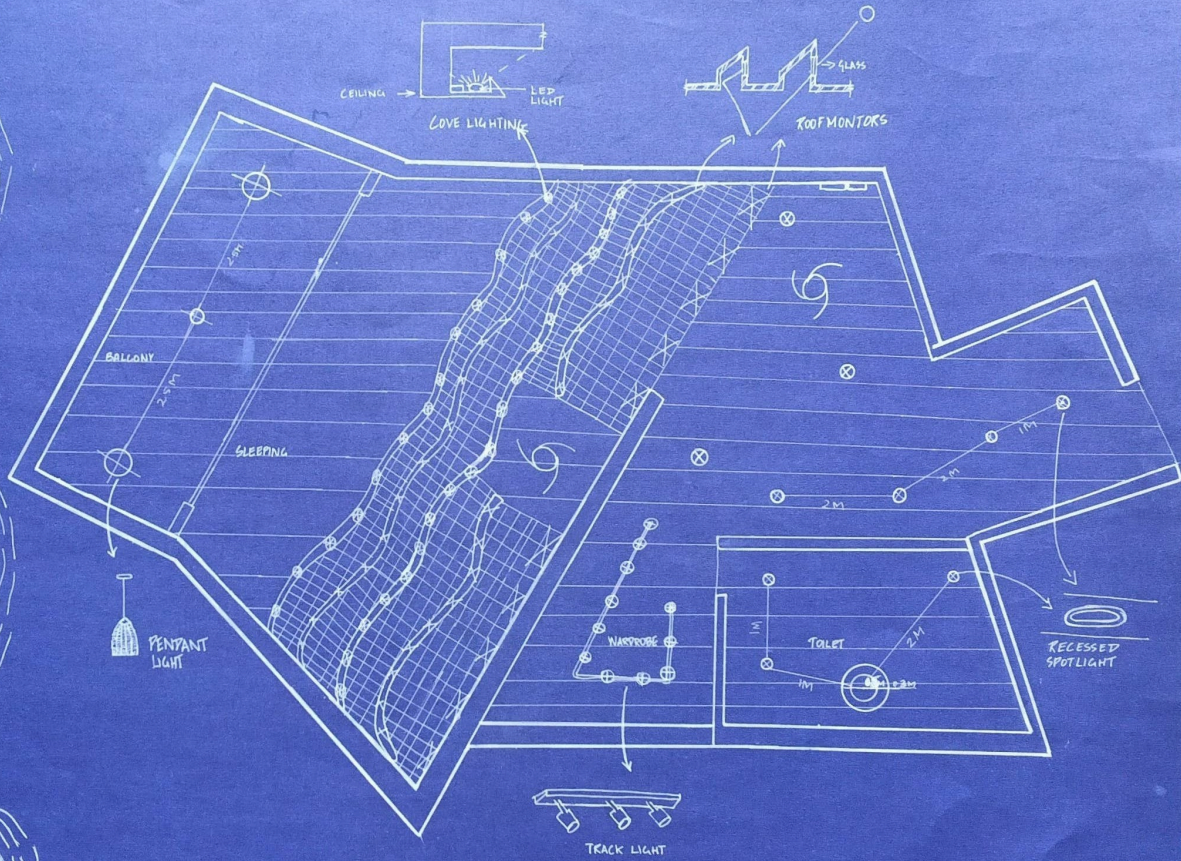
- \* - PLANTS
- // - BRICK
- ≡ - WARDROBE CLOTHES
- ▭ - GLASS WINDOW
- ▬ - SLIDING DOOR
- ⊥ - DOOR

ALL DIMENSIONS IN M  
SCALE 1:25



NAME : ASHIFANUJI  
 RKN : 251421601067  
 BDES SEM II  
 DESIGN ENVIRONMENT  
 PRESENT SCHOOL OF ARCHITECTURE

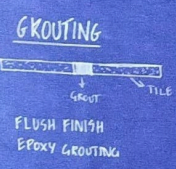
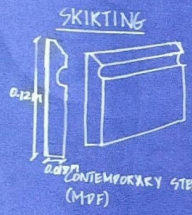
SYMBOLS	NAME
⊕	RECESSED SPOTLIGHT
⊕	PENDANT
⊕	COVE LIGHT
⊕	TRACK LIGHT
⊕	FAN
○	POPE ROOF LIGHTING
~	WAVE GYPSUM LEVELS 2-4
	LEVEL 1 GYPSUM
▧	GYPSUM
—	DISTANCE LINE
X X X	ROOF MONITORS



ALL DIMENSIONS IN M  
SCALE = 1:25

RCP

NAME : AGHIFANA NI  
 REN : 2514316007  
 B-PES SEM II  
 DESIGN ENVIRONMENT  
 CRESCENT SCHOOL OF ARCHITECTURE



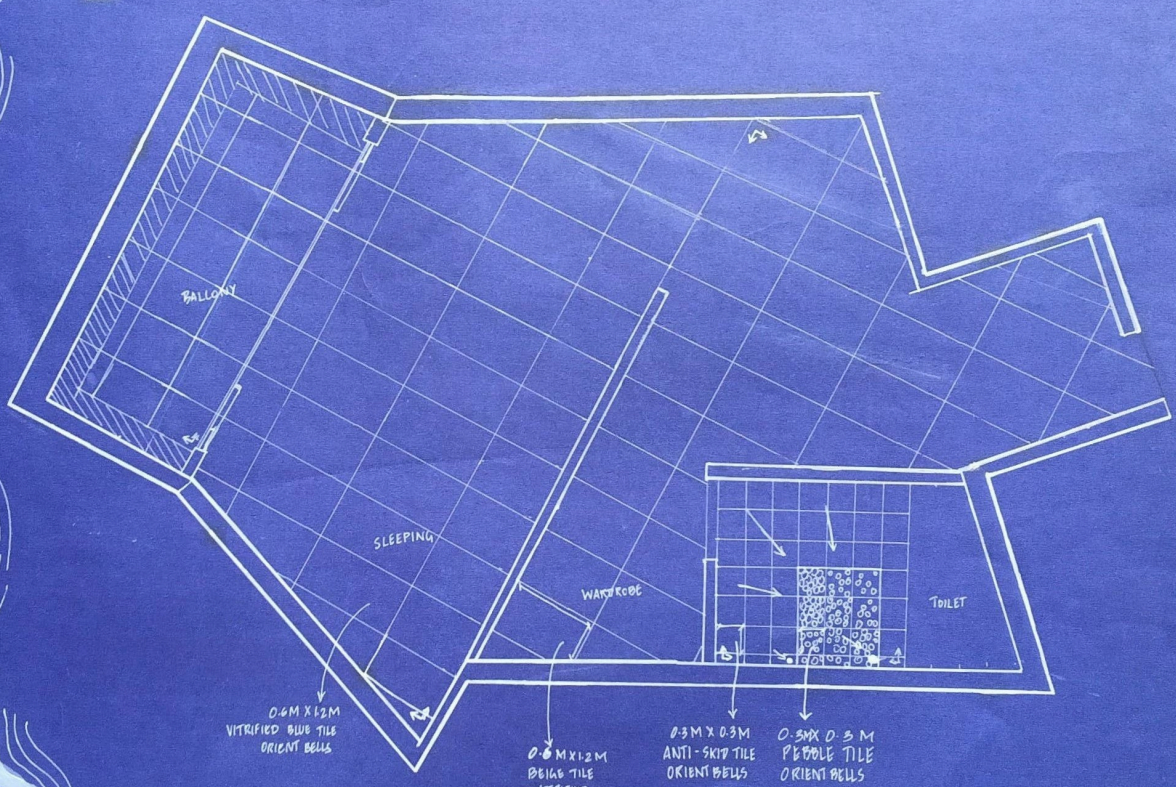
- VITRIFIED TILE**
- PROS
- HIGH DURABILITY
  - LOW MAINTENANCE
  - STAIN & SCRATCH RESISTANCE
- CONS
- SLIPPERY SURFACE
  - INSTALLATION COST
  - DIFFICILE REPAIRS

- PEBBLE TILE**
- PROS
- SLIP RESISTANCE
  - MASSAGE EXPERIENCE
  - NATURAL AESTHETIC
- CONS
- HIGH MAINTENANCE
  - REGULAR SEALING
  - COMPLEX INSTALLATION

- ANTI-SKID TILE**
- PROS
- SUPERIOR SAFETY
  - HIGH DURABILITY
  - AESTHETIC
- CONS
- HARD TO CLEAN
  - ROUGH UNDER FOOT
  - HIGHER COST

**COSTING**

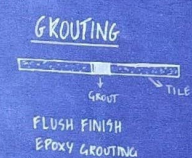
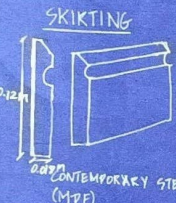
TILE	NO. OF TILE	₹ PER TILE	TOTAL
PEBBLE TILE	1199	1199	14,388
BEIGE TILE	40	300	15,000
BLUE TILE	40550	200	15,050
ANTI-SKID TILE	35	684	23,940



**FLOORING**

ALL DIMENSION IN M  
SCALE - 1:25  
N

ASHI FANA NI  
251491601007  
B-065 SEM II  
DESIGN ENVIRONMENT  
CRESCENT SCHOOL OF ARCHITECTURE



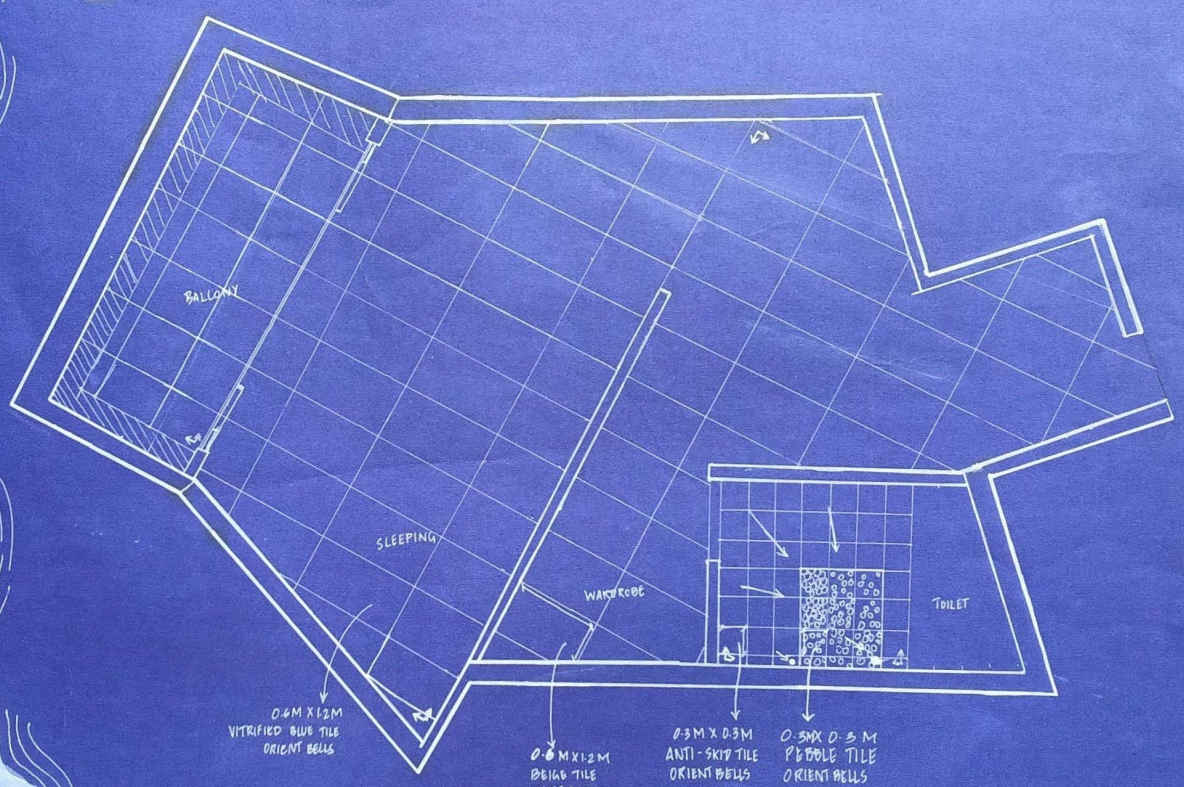
- VITRIFIED TILE**
- PROS**
- HIGH DURABILITY
  - LOW MAINTENANCE
  - STAIN & SCRATCH RESISTANT
- CONS**
- SLIPPERY SURFACE
  - INSTALLATION COST
  - DIFFICULT REPAIRS

- PEBBLE TILE**
- PROS**
- SLIP RESISTANCE
  - MASSAGE EXPERIENCE
  - NATURAL AESTHETIC
- CONS**
- HIGH MAINTENANCE
  - REGULAR SEALING
  - COMPLEX INSTALLATION

- ANTI-SKID TILE**
- PROS**
- SUPERIOR SAFETY
  - HIGH DURABILITY
  - AESTHETIC
- CONS**
- HARD TO CLEAN
  - ROUGH UNDER FOOT
  - HIGHER COST

**COSTING**

TILE	NO OF TILE	PER TILE	TOTAL
PEBBLE TILE	11 1/2	1199	14,388
BEIGE TILE	40	300	15,000
BLUE TILE	48.50	200	15,000
ANTI-SKID TILE	35	694	23,940



**FLOORING**

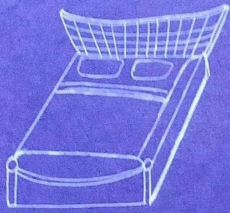
ALL DIMENSION IN M  
SCALE - 1:25  
N ↓

ASHIFANA NI  
251491601007  
B DES SEM II  
DESIGN ENVIRONMENT  
CRESCENT SCHOOL OF ARCHITECTURE

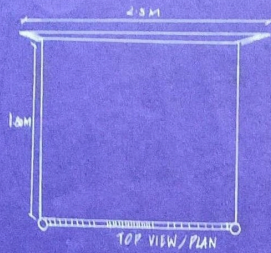




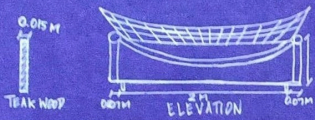
### BED



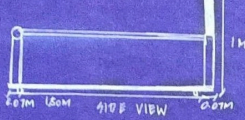
ISOMETRIC VIEW



TOP VIEW/PLAN



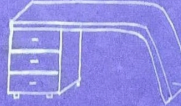
ELEVATION



SIDE VIEW

### PRESSING TABLE

ISOMETRIC ELEVATION

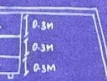


THICKNESS  
0.016 M  
PLY WOOD  
GLITTER GLASSY  
LAMINATE

PLAN



SECTION



ELEVATION

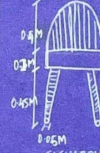
### CHAIR



ISOMETRIC



PLAN

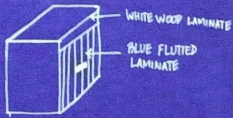


ELEVATION

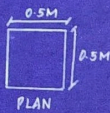


SIDE ELEVATION

### BED SIDETABLE



ISOMETRIC



PLAN



FRONT



SECTION



WOOD CANE HANDLE



CHANNEL  
PLY WOOD  
0.015 M

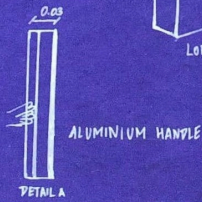
### WARDROBE



ISOMETRIC



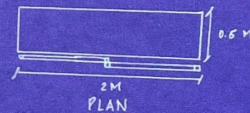
LOFT



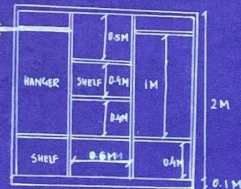
ALUMINIUM HANDLE



PLYWOOD  
0.016 M



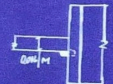
PLAN



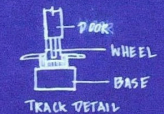
ELEVATION



FLUSH WITH DOOR  
SKIRTING DETAIL



SHELF DETAIL

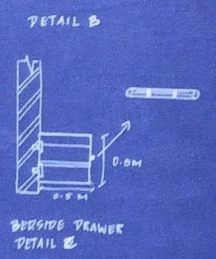
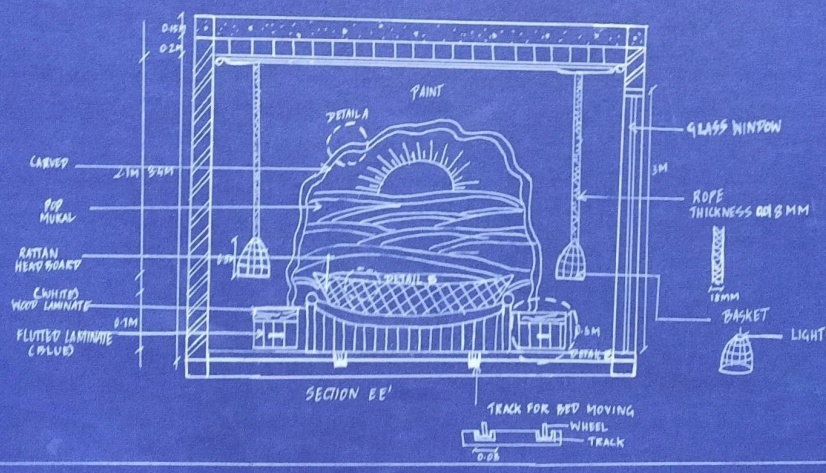
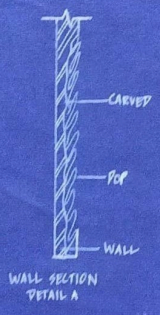
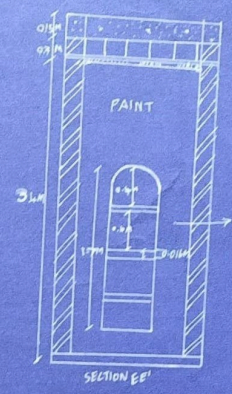
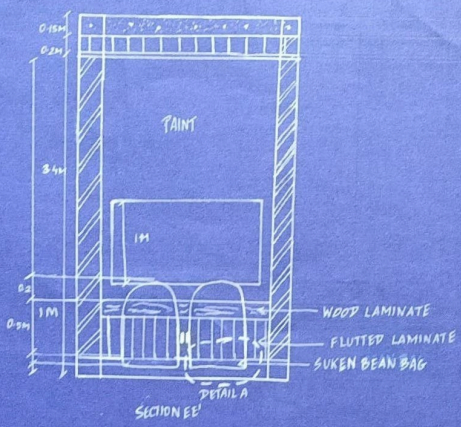
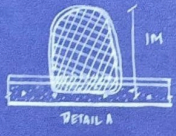


DOOR  
WHEEL  
BASE  
TRACK DETAIL

## FURNITURE DETAILS

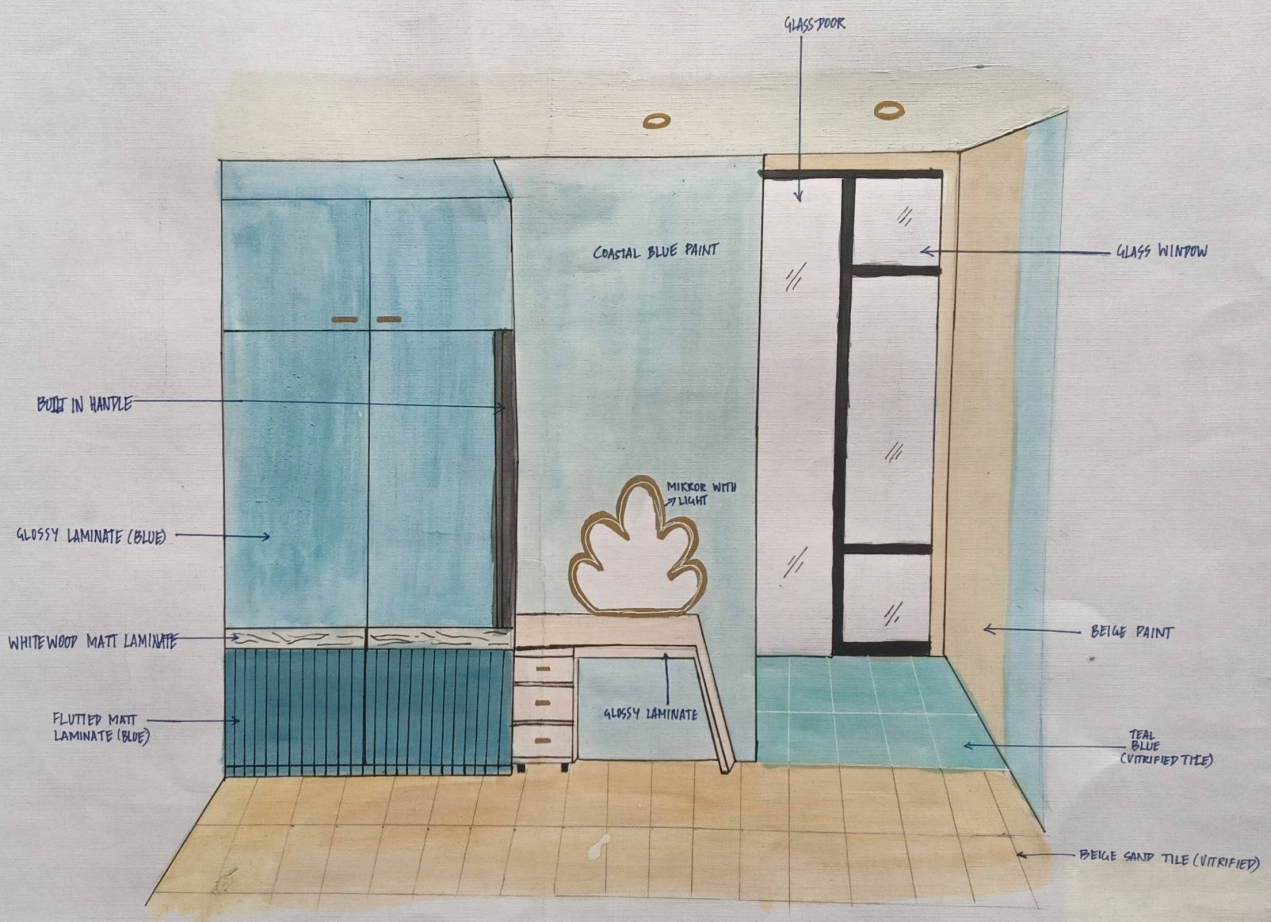
SCALE: 1:25 ALL DIMENSIONS IN M

NAME: ASHIFANA M  
 ROLL: 251431601007  
 B-DES SEM II  
 DESIGN ENVIRONMENT  
 CRESCENT SCHOOL OF ARCHITECTURE



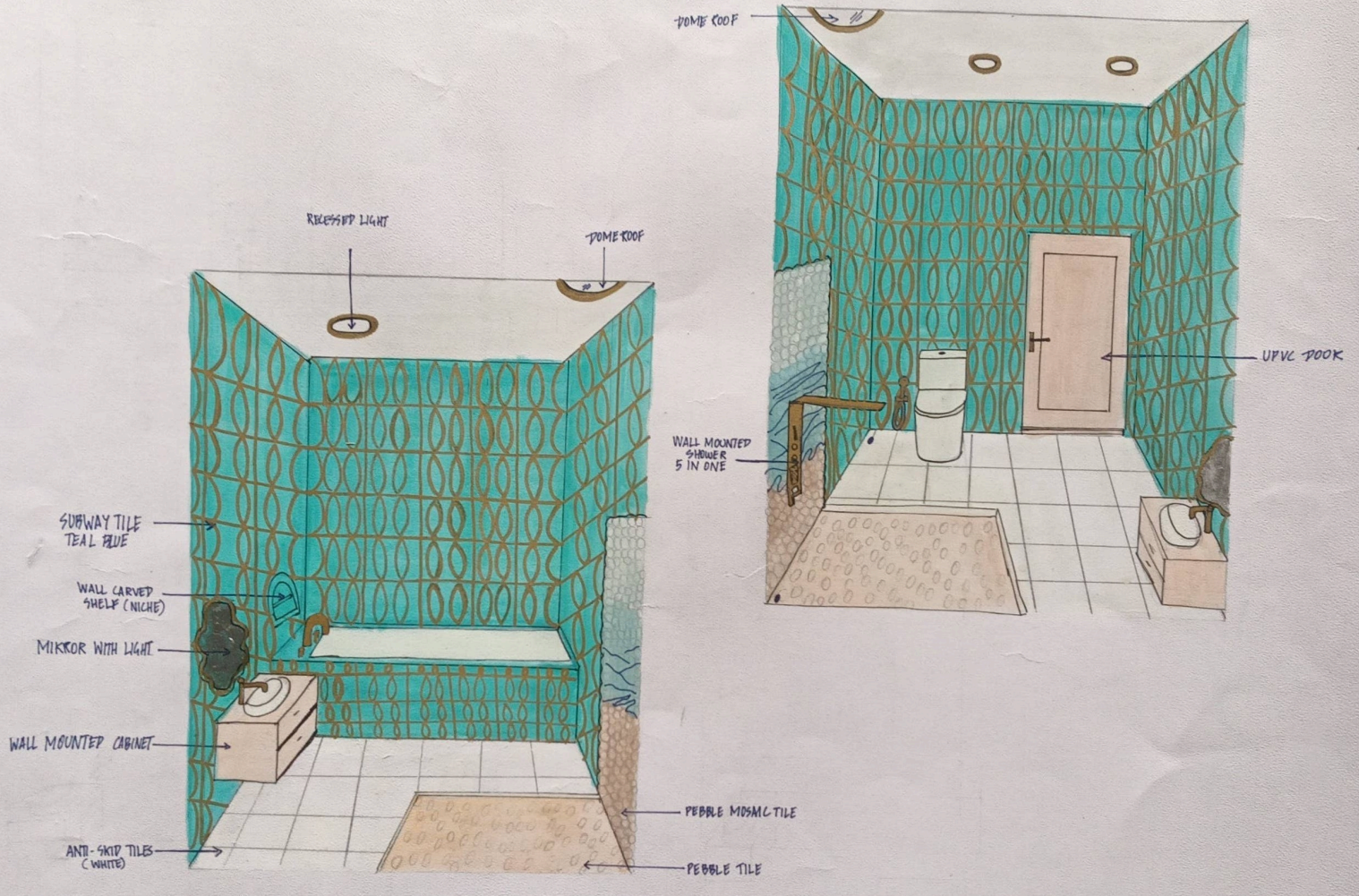
# SECTIONS

SCALE: 1:25 ALL DIMENSIONS IN M  
 NAME: ASHLEANA NI  
 RGN: 231231601007  
 D-DES SEM II  
 DESIGN ENVIRONMENT  
 CRESCENT SCHOOL OF ARCHITECTURE



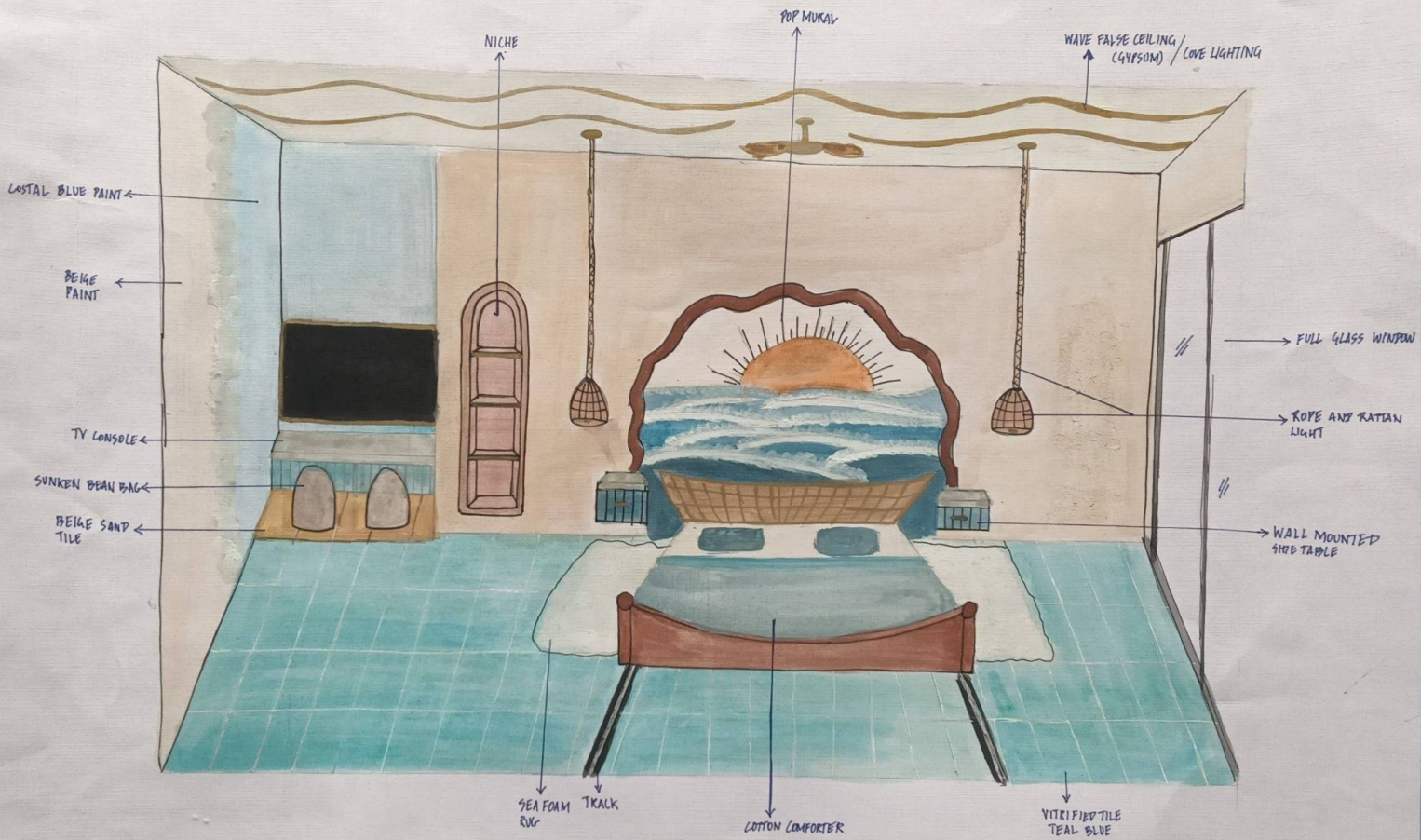
- WARDROBE

NAME: ASHIFANA NI
ERN: 201431601007
B-DES - SEM II
DESIGN ENVIRONMENT
CRESCENT SCHOOL OF ARCHITECTURE



# TOILET

NAME: ASHIFANA SA  
 ROLL: 25012101007  
 TOPIC: SEM III  
 DESIGN ENVIRONMENT  
 CRESCENT SCHOOL OF ARCHITECTURE



SECTIONS - SLEEPING AREA

NAME: ASHLEENA W  
 ROLL: 20143101007  
 BDES SEM II  
 DESIGN ENVIRONMENT  
 CRESCENT SCHOOL OF ARCHITECTURE

Material Board

