

ARCHITECTURAL  
PORTFOLIO

**ANJALI PRIYA**

B . A R C H   2 0 2 0

SELECTED WORKS | JADAVPUR UNIVERSITY |  
2015 - 2020



# RESUME

## EDUCATION

2015 - 2020 • JADAVPUR UNIVERSITY | KOLKATA  
BACHELORS OF ARCHITECTURE | 8.73 CGPA

2012 - 2014 • JAWAHAR VIDYA MANDIR | RANCHI  
HIGHER SECONDARY | 86.5%  
SECONDARY | 10 CGPA

## ACHIEVEMENTS

2015 • KHITIJ IIT KHARAGPUR ART DE VOUS

2016 • GREEN REVOLUTION PARTICIPATION

2017 • ZONASA 2K17 DESIGNII FIRST RUNNER UP

2017 • MEASURE DRAWING RANI ROOPMATI PAVILLION

2019 • BEST STUDENT OF THE YEAR AMIGA BANERJEE AWARD

2020 • CERTIFICATION ENVIRONMENTAL ANALYSIS

## EXPERIENCES

2018 • SMART CITY

- Produce visual graphics for presentation in Ranchi smart city projects.

2019 • Planning and designing housing units and producing DPR with assistance of smart city urban planning department.

- Gained valuable experience in PPP model and ABD development strategies.

• TEAM 3

- Responsible for project coordination and providing solutions with clients & consultants in large scale commercial projects.

- Support senior staff with all facets of designs including construction drawings , material selection etc

AUTOCAD ● ● ● ● ● ●

SKETCHUP ● ● ● ○ ○

DIALUX ● ● ● ○ ○

REVIT ● ● ● ● ● ○

PIMEVERA ● ● ○ ○ ○

INDESIGN ● ● ● ○ ○

LUMION ● ● ● ● ● ○

PHOTOSHOP ● ● ● ● ● ●

AFTER EFFECTS ● ○ ○ ○ ○

3DS MAX ● ● ● ● ● ○

MICROSOFT OFFICE ● ● ● ● ● ●

ILLUSTRATOR ● ● ● ○ ○ ○

RHINO +  
GRASSHOPPER ● ● ● ○ ○ ○

INDESIGN ● ● ● ● ○

## About me

As an architect by profession I am drawn towards holistic design that cultivates positive changes within the environment via sustainable and parametric design approach.

I believe great design breaks convention and proposes new paradigm for experiencing and understanding architecture.



Shanti Enclave ,Pundag , Ranchi,  
Jharkhand 834004



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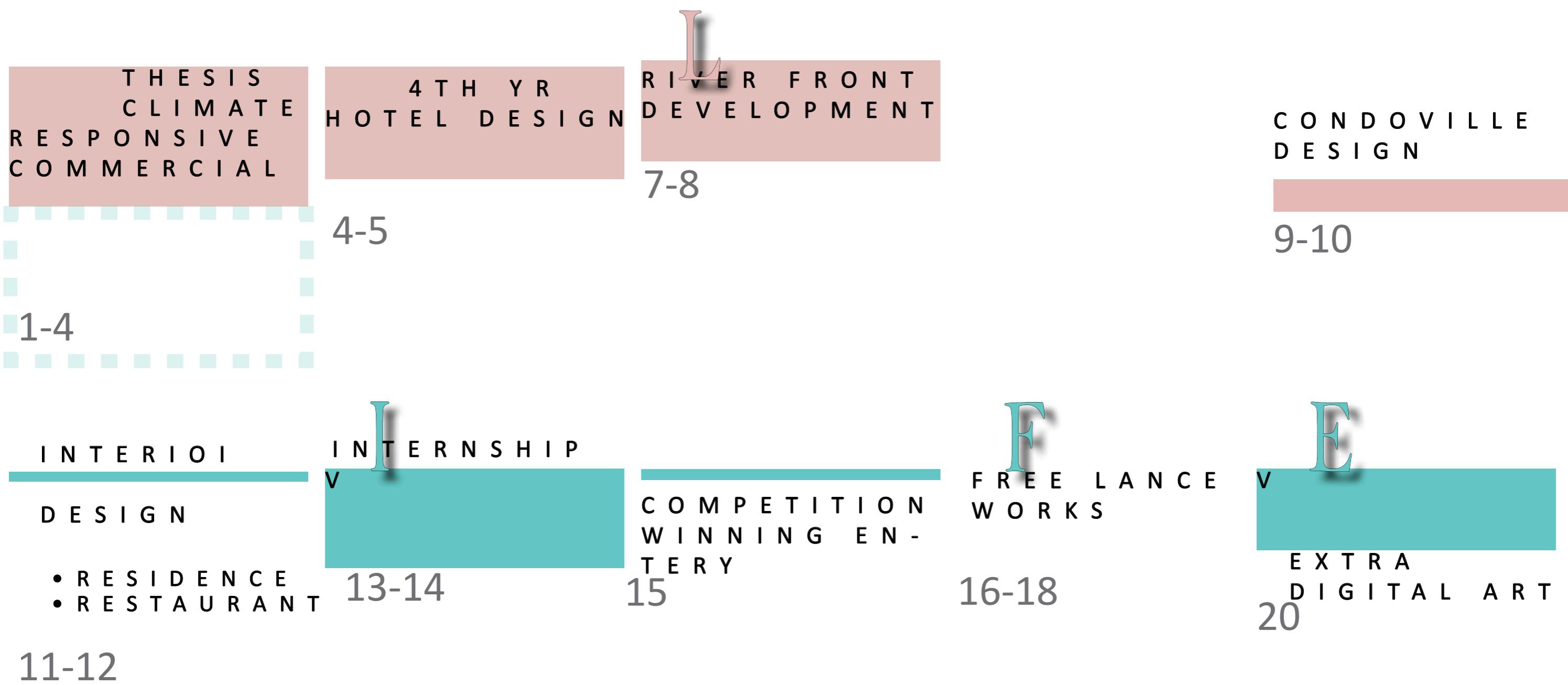


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anjalipriya130@gmail.com

# W O R K S

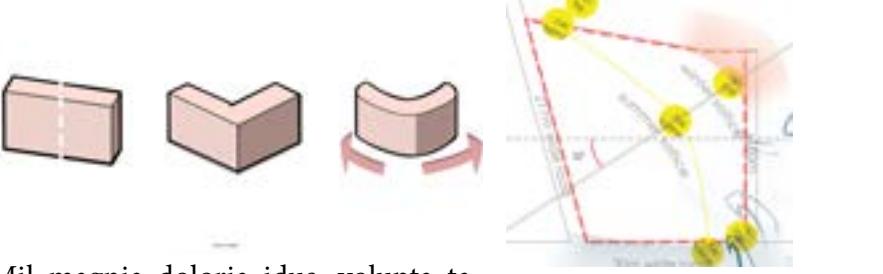
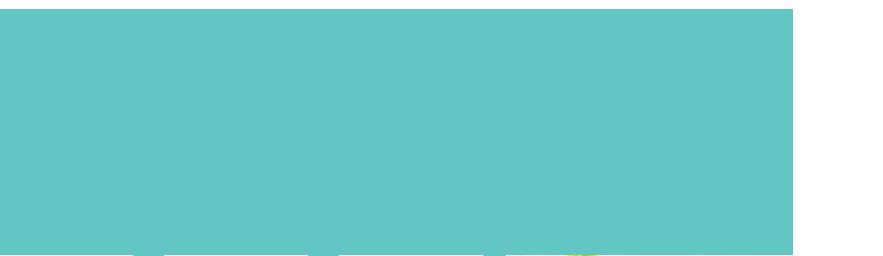


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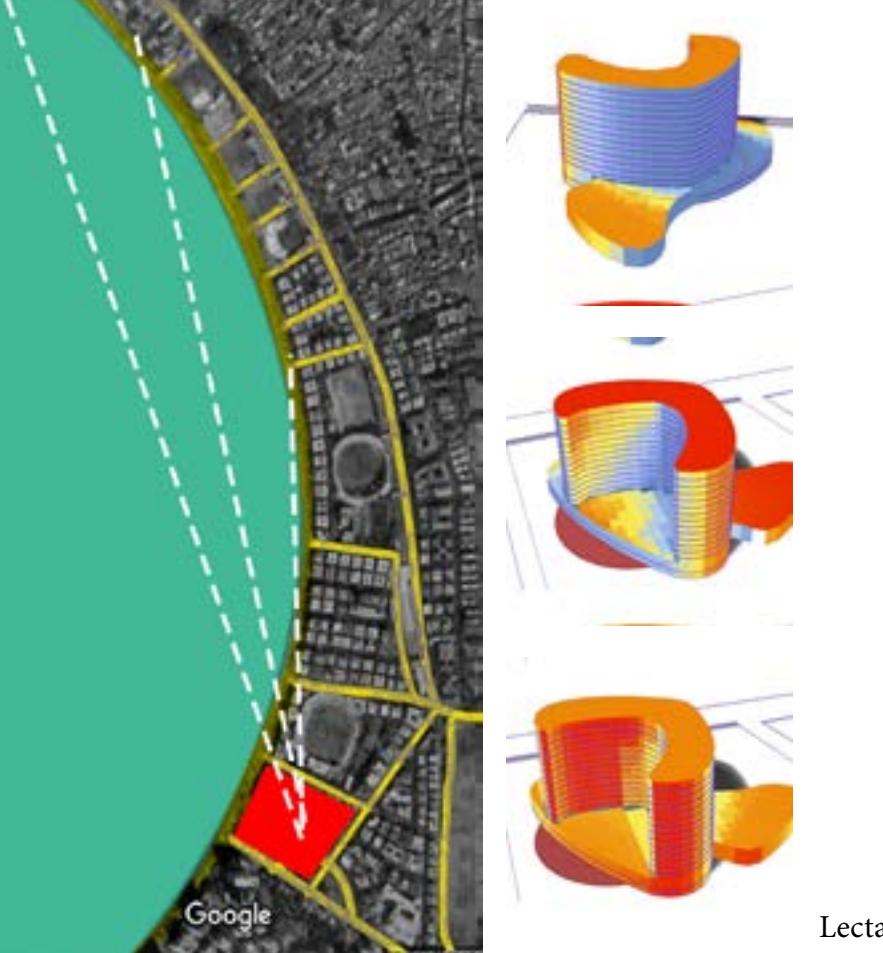
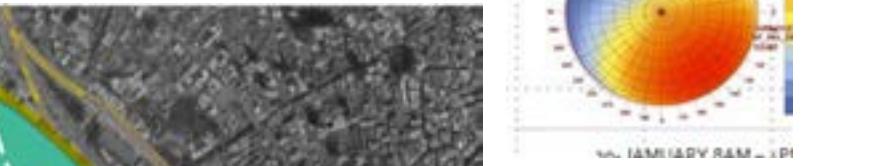


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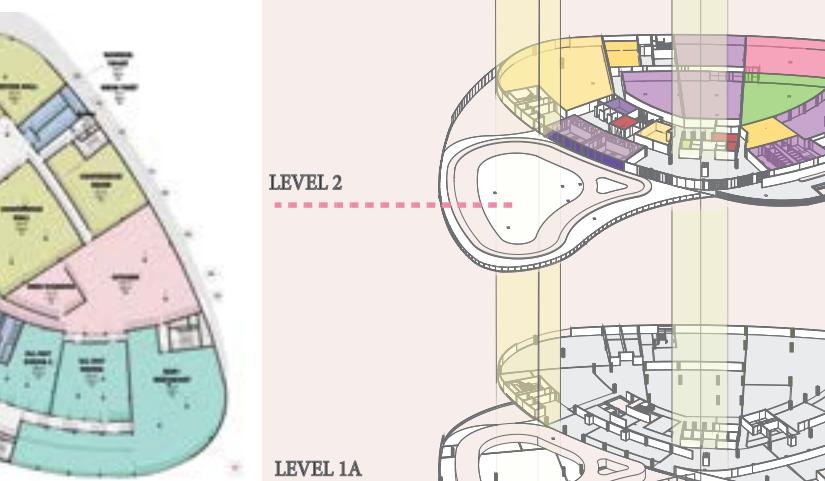


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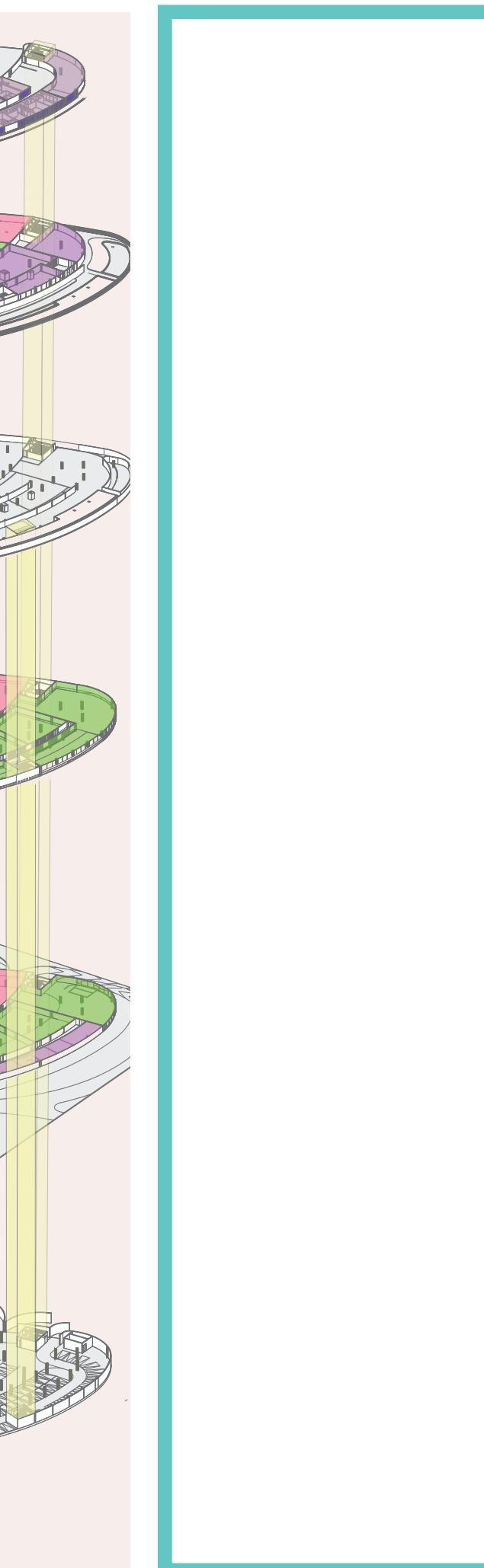
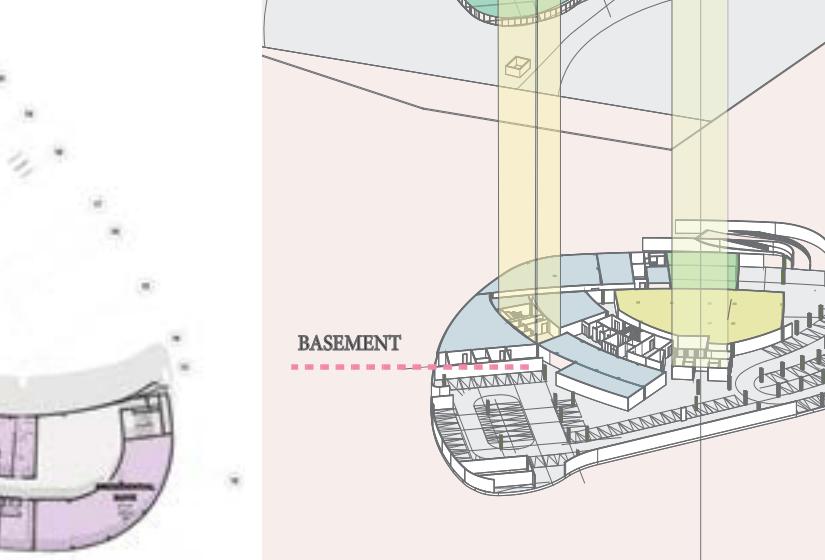
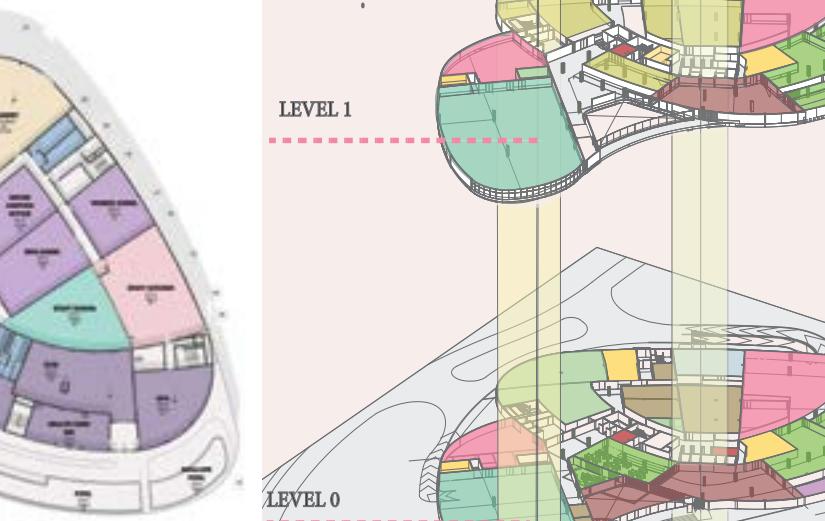


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LEVEL 1

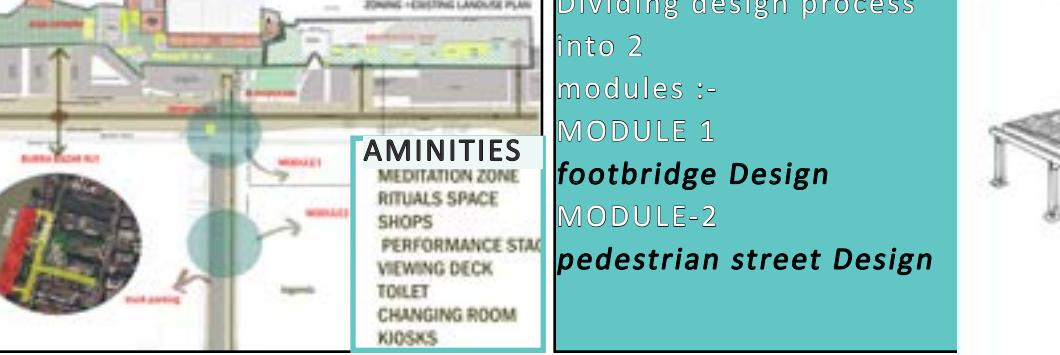


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# RIVERFRONT DESIGN AND SCAPE)



Main transportation node & access to ghats



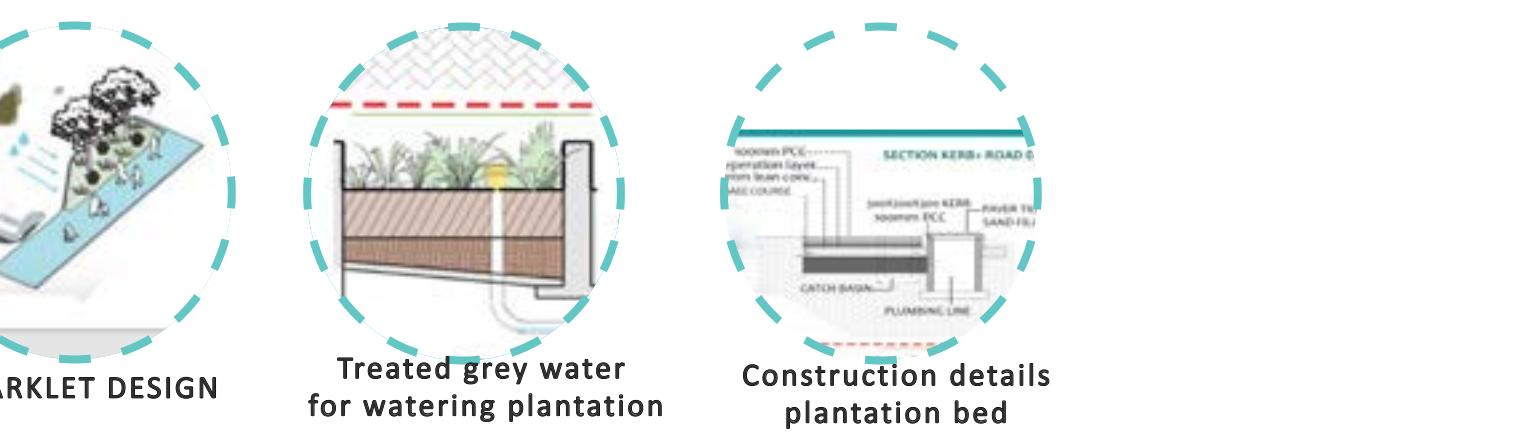
## SITE PLAN LANDSCAPE



A M E

LOCATION-P.C Tagore Road Pathuriaghata Kolkata .

MAIN IDEA focuses in activating THE RIVER Front area includes ghats of pathuria and nearby streets by uplifting community spaces and fostering vibrant activities so to rejuvenate the dead spaces by intervention of landscaping elements and pedestrian friendly streetscape strategies.



# STREETSCAPE



## PUJA + MEDITATION ZONE



## MODULE 1

## MODULE 2

## PAVEMENT

## ASPHALT

## SEMI PAVED

## OPEN CELL PAVING GRID WITH VEGETATION

## KIOSK

## PAVED CONCRETE PAVER

## HINGE

## STRINGERS

## DECKING

## FOAM FILLED FLOAT

## BOATING

## VETIVERS

## GRATE RETAINER

## GROWING MEDIUM

## FILTER LAYER

## DRAINAGE LAYER

## WATER PROOFING

## INSULATION

## RCC SLAB

## VETIVERS

## WALKWAY

## RESTAURANT

## B

## SECTION A-A'

## SIDEWALK

## ROAD

## PARKING

## PEDESTRIAN WALKWAY

## SECTION B-B'

## SIDEWALK

## WALKWAY

## RESTAURANT

## B

## SECTION C-C'

## SIDEWALK

## WALKWAY

## RESTAURANT

## C

## SECTION D-D'

## SIDEWALK

## WALKWAY

## RESTAURANT

## D

## SECTION E-E'

## SIDEWALK

## WALKWAY

## RESTAURANT

## E

## SECTION F-F'

## SIDEWALK

## WALKWAY

## RESTAURANT

## F

## SECTION G-G'

## SIDEWALK

## WALKWAY

## RESTAURANT

## G

## SECTION H-H'

## SIDEWALK

## WALKWAY

## RESTAURANT

## H

## SECTION I-I'

## SIDEWALK

## WALKWAY

## RESTAURANT

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## SECTION J-J'

## SIDEWALK

## WALKWAY

## RESTAURANT

## J

## SECTION K-K'

## SIDEWALK

## WALKWAY

## RESTAURANT

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## SECTION L-L'

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## RESTAURANT

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## SECTION M-M'

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## SECTION N-N'

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## SECTION S-S'

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## WALKWAY

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## SECTION T-T'

## SIDEWALK

## WALKWAY

## RESTAURANT

## T

## SECTION U-U'

## SIDEWALK

## WALKWAY

## RESTAURANT

## U

## SECTION V-V'

## SIDEWALK

## WALKWAY

## RESTAURANT

## V

## SECTION W-W'

## SIDEWALK

## WALKWAY

## RESTAURANT

## W

## SECTION X-X'

## SIDEWALK

## WALKWAY

## RESTAURANT

## X

## SECTION Y-Y'

## SIDEWALK

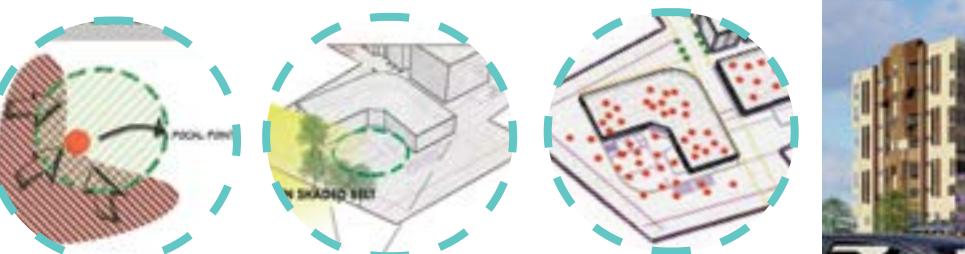
## WALKWAY

## RESTAURANT

## &lt;h

# CONDIVILLE DESIGN

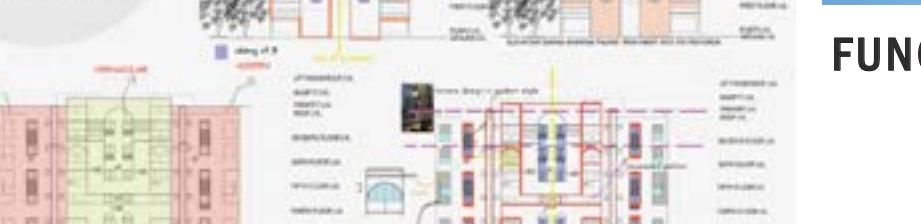
CONCLUSIONS ARE BASED ON STUDY AND RESOLVING EXISTING PROBLEMS ON SITE IN ORDER TO PROVIDE BEST POSSIBLE SOLUTION



recreational zones provides focal point to vibrant activities  
western green belt provide shading to open space  
intensity of circulation in commercial patch

## ELEVATION DESIGN VIA FACADE MAPPING OF VERNACULAR ARCHITECTURE OF KOLKATA

**CONCEPT**  
Elevation treatment follows extensive study of facade mapping and mixing it with modern style



Idea is to focus on GLOCAL architecture reflecting the amalgamation of VERANCLAR & MODERN SYLE

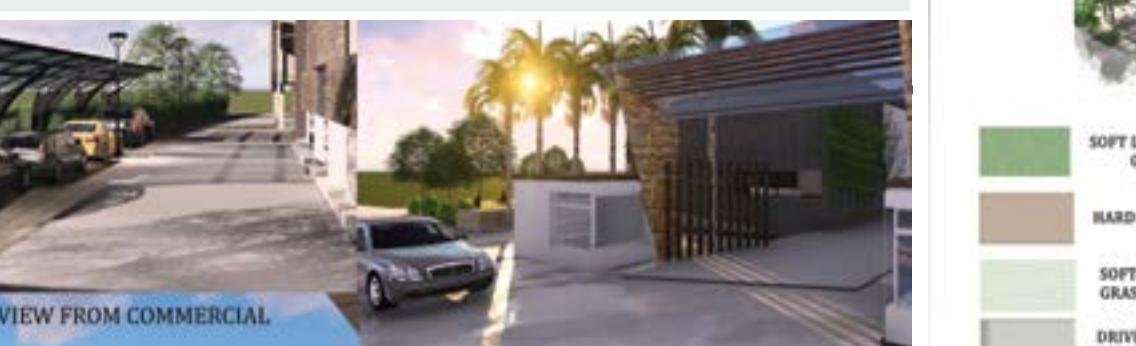
3-ACRES SITE / LOCATION - Kodalla ,Malancha Mahi Nagar, Rajpur Sonarpur,West Bengal 700146  
Assignment dealt with site planning and evolution of housing in the upcoming towns and cities, beginning with site geometry and formal road layout till the organisation of spaces of individual flats.

STEPS- MACRO to MICRO LEVEL

## WESTERN VIEW FROM {ENYTY2}



PARKING



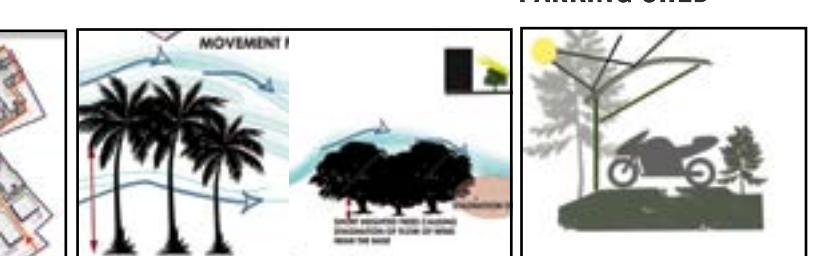
## FUNCTIONAL ZONING



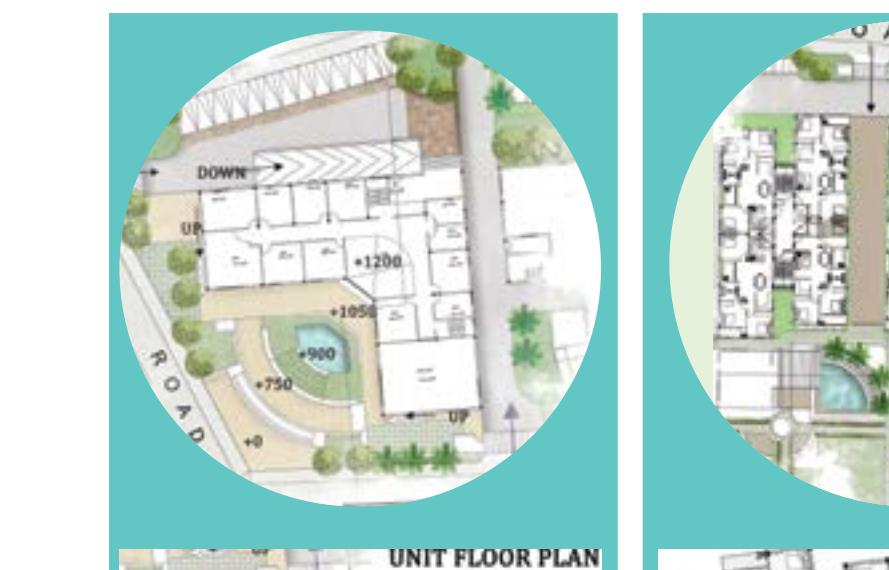
## SITE GEOMETRY



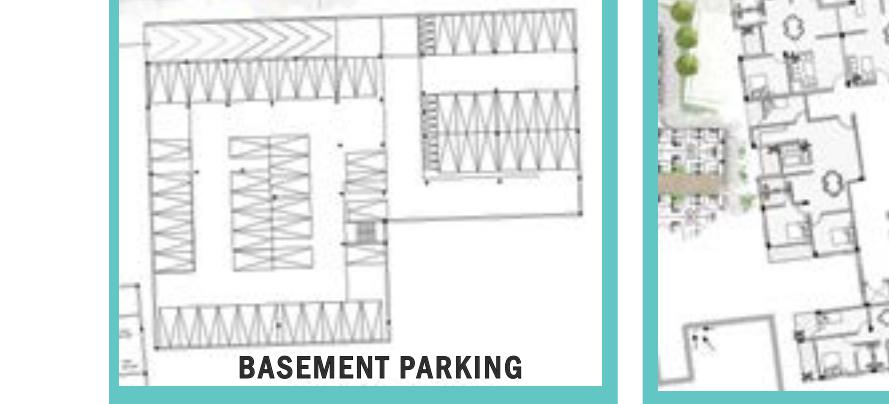
INTENSITY OF CIRCULATION 4-6 pm +MOVEMENT PATTERN  
WIND VISIBILITY



## SITE PLAN



## UNIT FLOOR PLAN SHOP



## BASEMENT PARKING



## FIRST FLOOR

## COMMERCIAL BLOCK PLAN

## APARTMENT BLOCK 3BHK - 2.5BHK



## TYPE B



## UNIT FLOOR PLAN

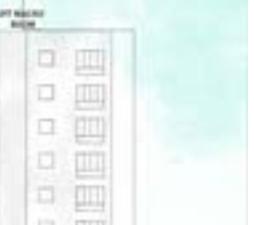


## TYPE A



## COMM

## VIEW FROM COMMERCIAL



## APARTMENT BLOCK 3BHK - 2.5BHK



## UNIT FLOOR PLAN



## TYPE A



## COMM

## VIEW FROM COMMERCIAL



# ELEVATION DETAIL

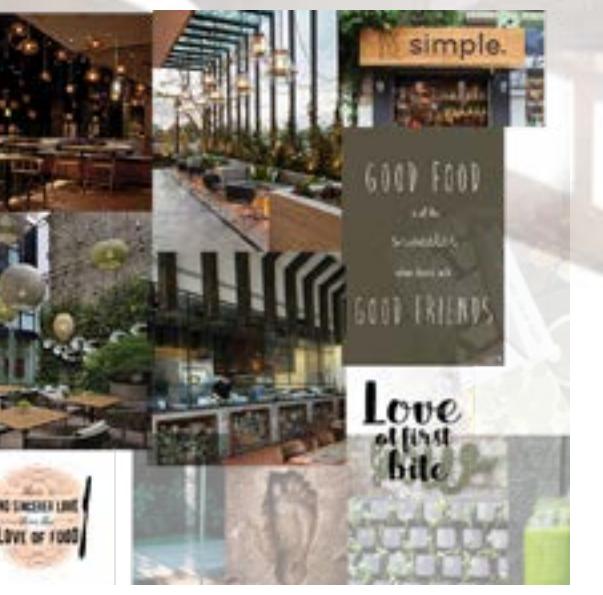


commercial facilities - shops ,offices  
institutional facilities - GYM ,library  
open spaces - plaza ,gazibo ,recreational park



# INTERIOR RESTAURANT

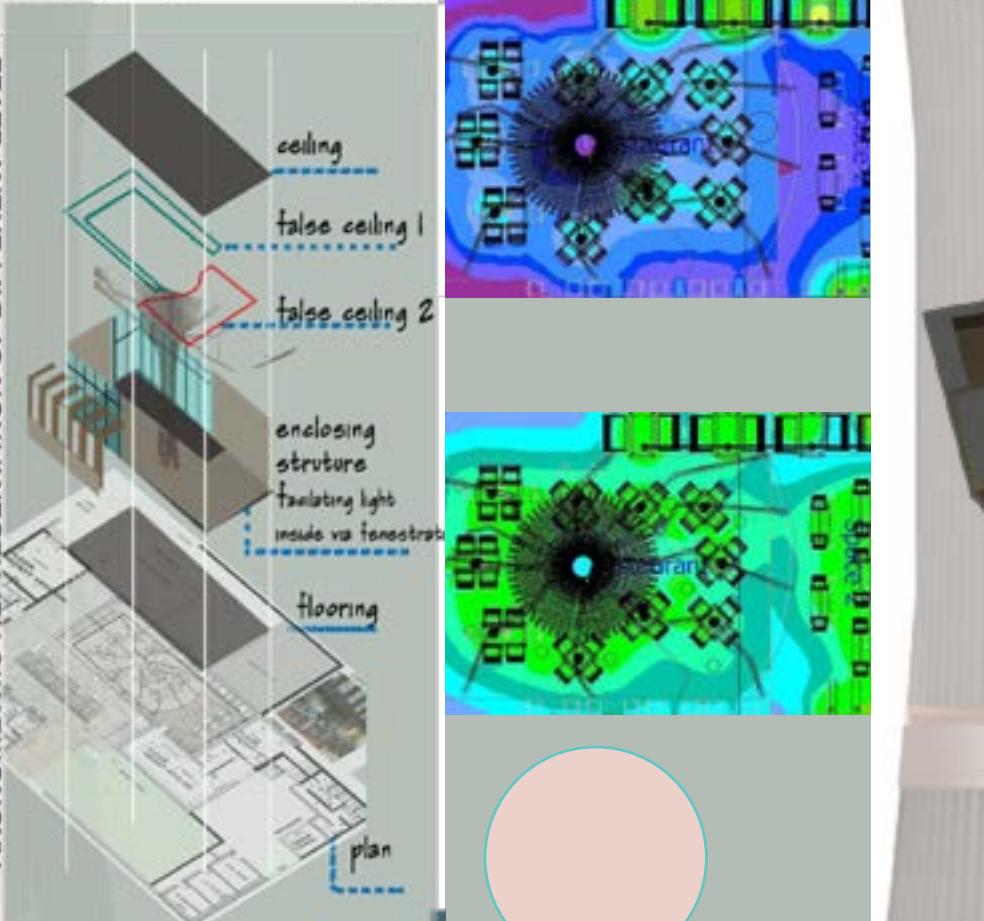
ASSIGNMENT FOCUSES TO DESIGN A RESTAURANT INTERIOR IN PARTICULAR STYLE AND SHOULD FOLLOW CONCEPT TAKING CARE OF FUNCTIONALITY OF SPACES AND ANTHROPOMETRIC STUDY.



RESTAURANT INTERIOR HAS INDUSTRIAL STYLE PREDOMINANTLY WITH USE OF GRUNGE FLOORING AND RUSTED TEXTURED ELEMENT

USE OF WOOD CLADDING AND BRICK ON WALLS

AT THE SAME TIME INVITES NATURE IN THE INTERIOR BY USE OF PLANTERS AND CREEPERS OVER CEILING AND AS PARTITIONING ELEMENT



DIALUX INTERIOR ILLUMINATION DISTRIBUTION MODELLING TAKING WORKPLANE AS 900mm above ground



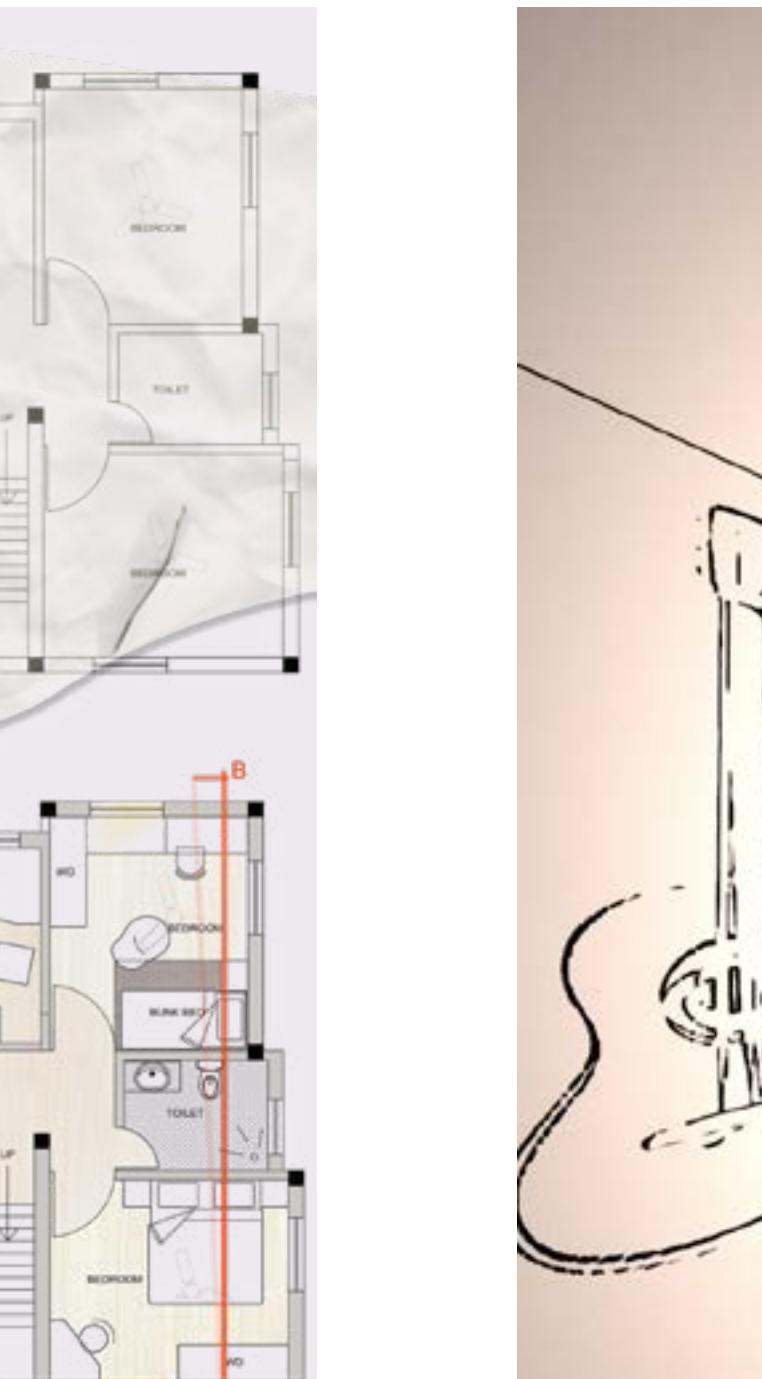
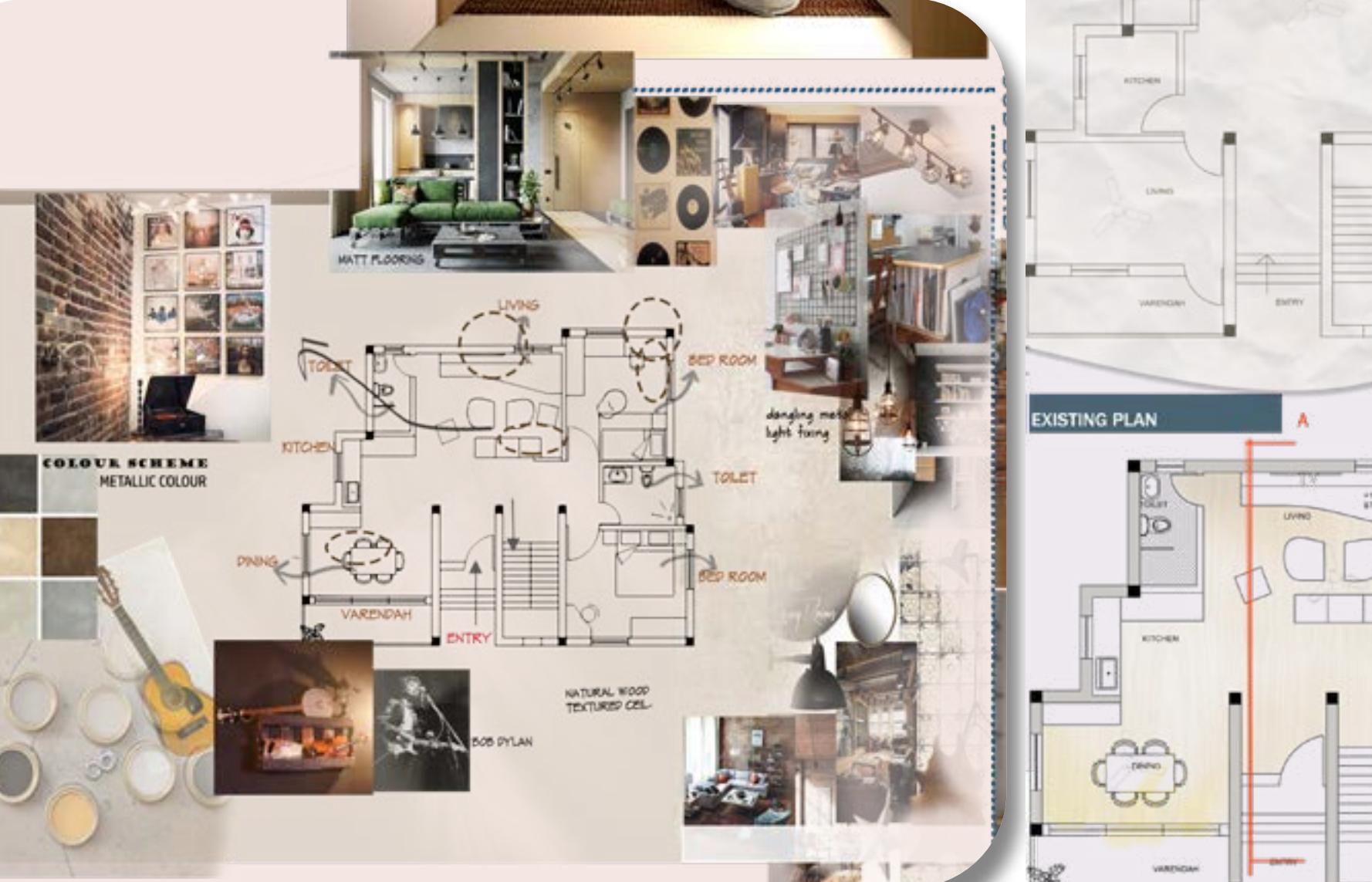
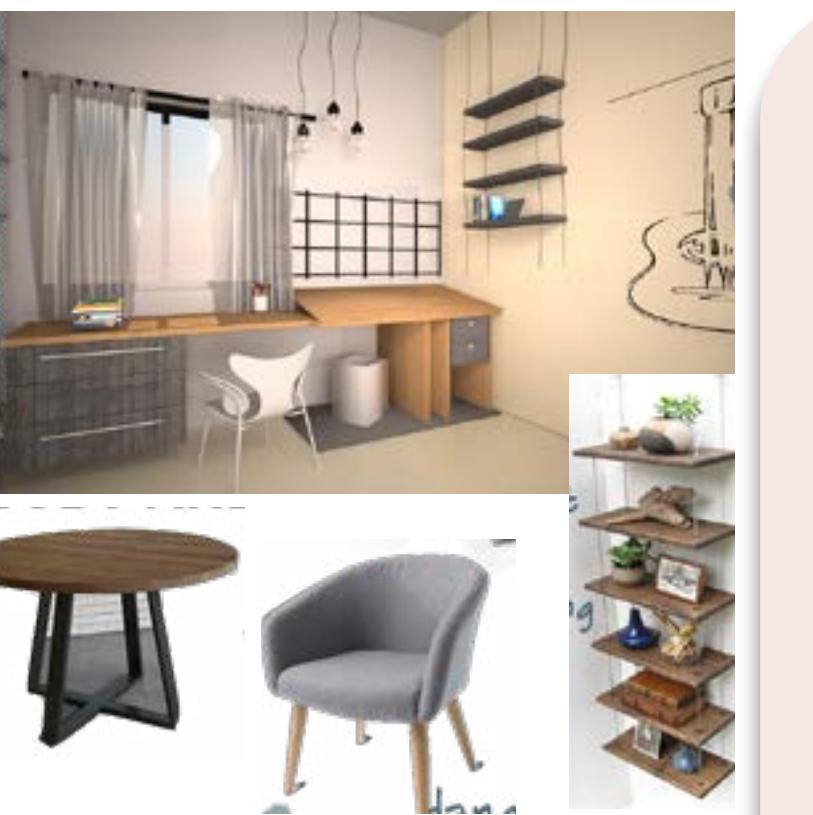
# VIEWS



SOFTWARES  
- MODELLING - 3Ds -  
MAX / RENDERING -  
VRAY 3Ds MAX

# INTERIOR

RESIDENCE



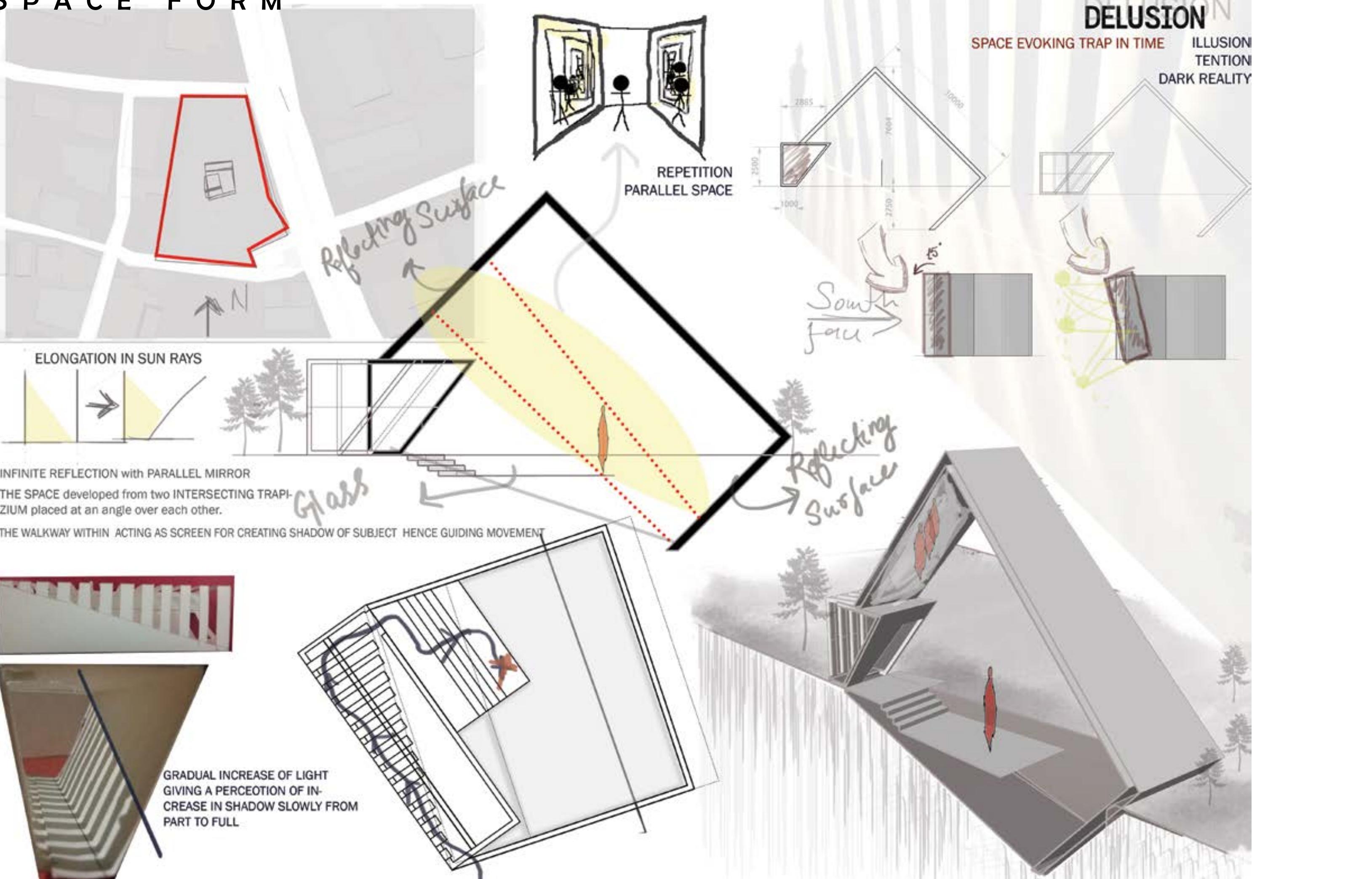
BEDROOM WITH SLEEPING LOFT



SOFTWARES  
- MODELLING - 3Ds -  
MAX / RENDERING -  
VRAY 3Ds MAX



## SPACE FORM



## MODELS

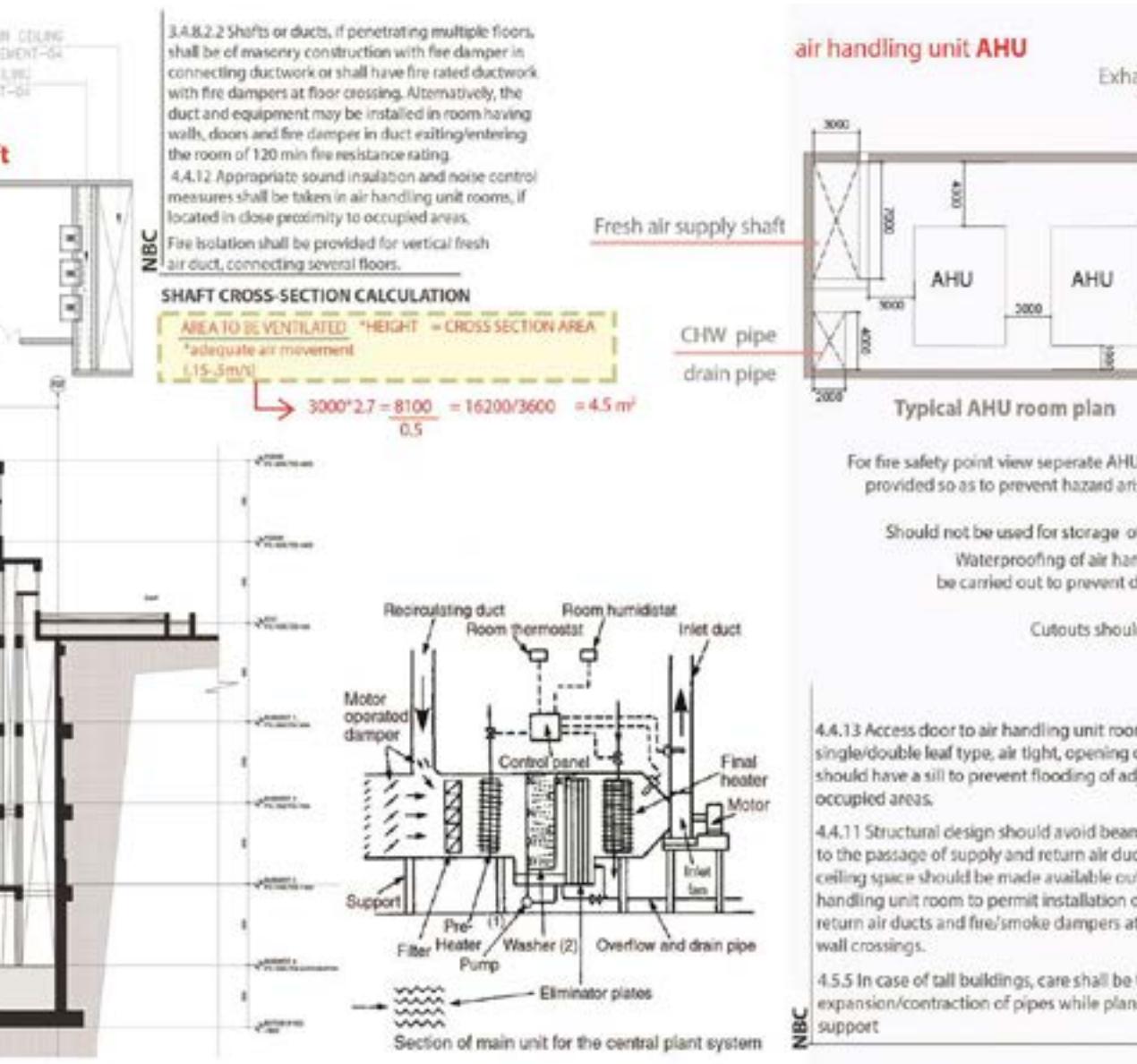
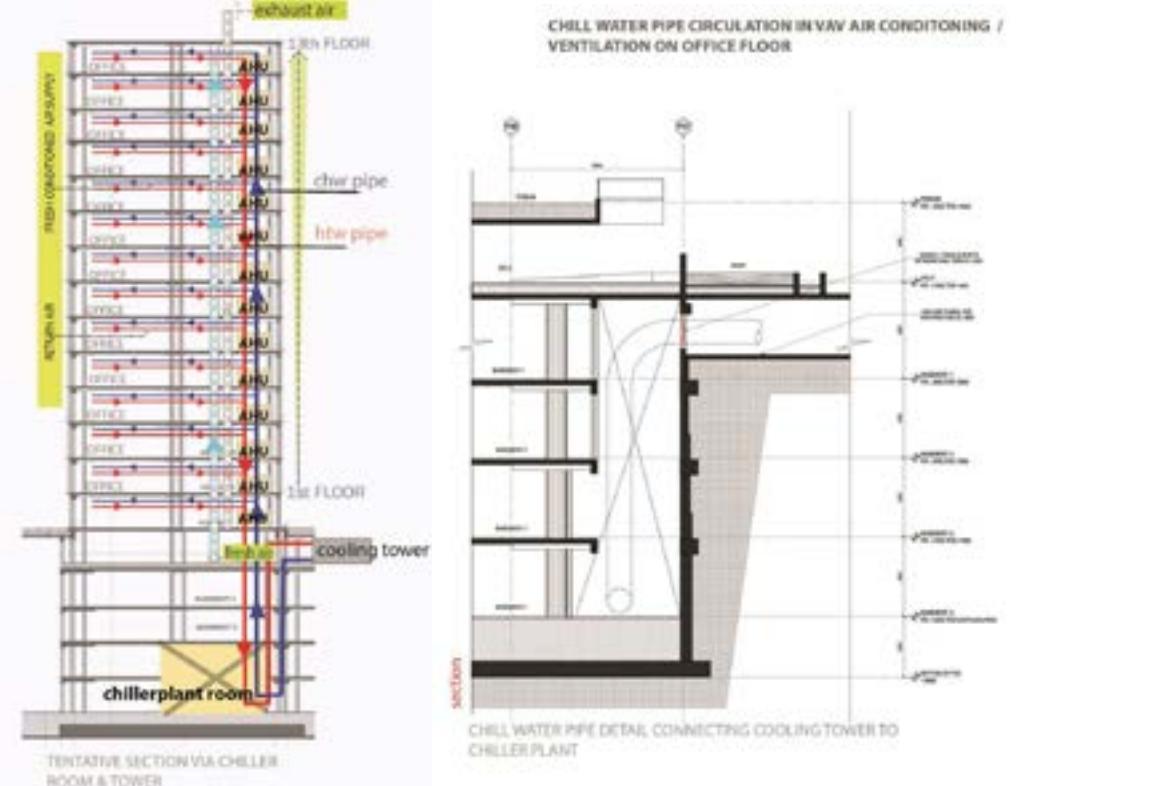


# INTERNSHIP WORKS

## ZONING OF BASEMENT FLOOR PLATE FOR VENTILATION



## BASEMENT 4 (PROJECT COMMERCIAL ISLAND AMBIENCE)



**3.4.8.2.2 Shafts or ducts, if penetrating multiple floors, shall be of masonry construction with fire damper in connecting ductwork or shall have fire rated ductwork with fire dampers at floor crossing. Alternatively, the duct and equipment may be installed in room having walls, doors and fire damper in duct exiting/entering the room of 120 min fire resistance rating.**

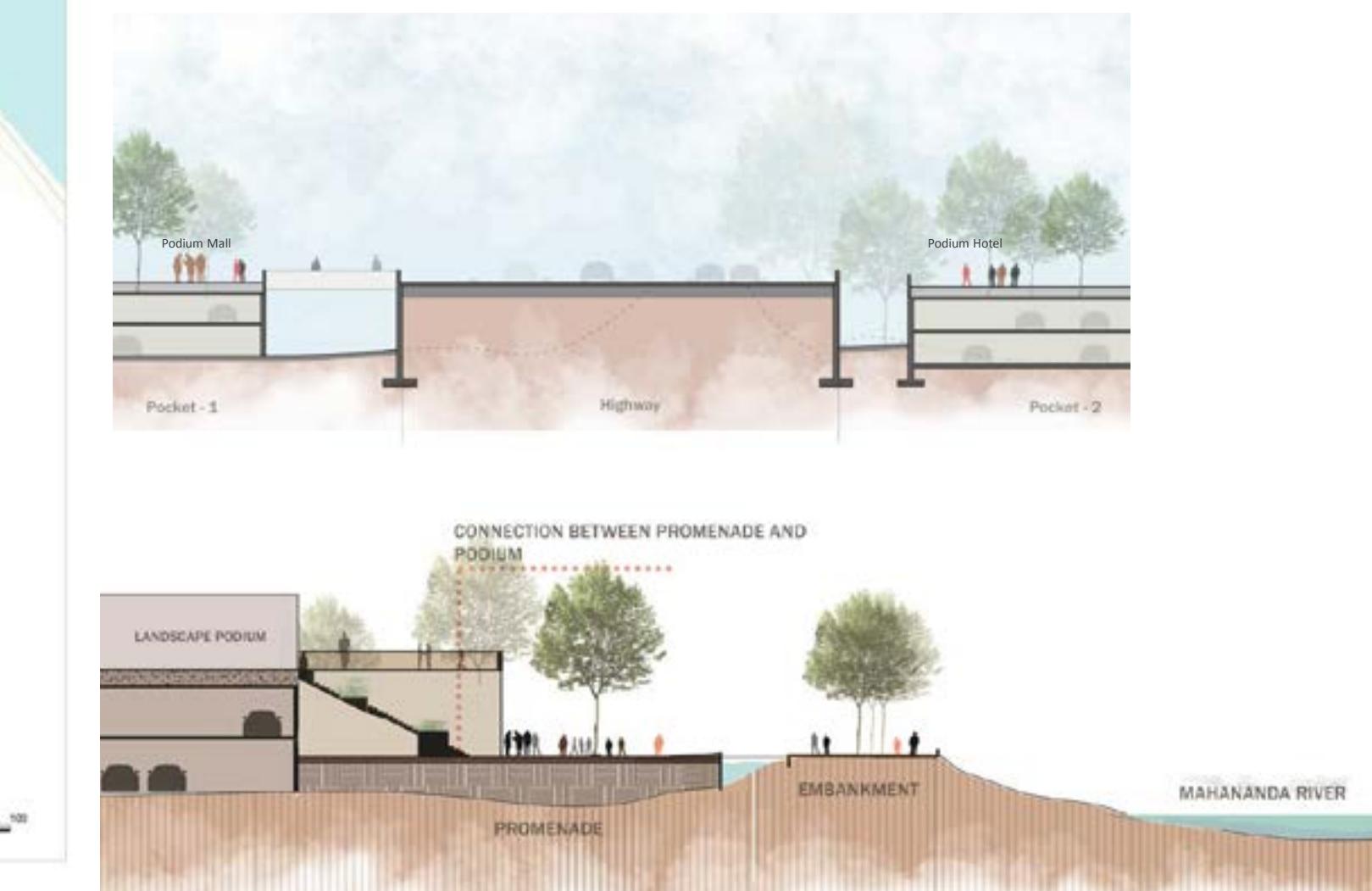
**4.4.12 Appropriate sound insulation and noise control measures shall be taken in air handling unit rooms, if located in close proximity to occupied areas, if located in close proximity to occupied areas, if located in close proximity to occupied areas.**

**Fire isolation shall be provided for vertical fresh air duct, connecting several floors.**

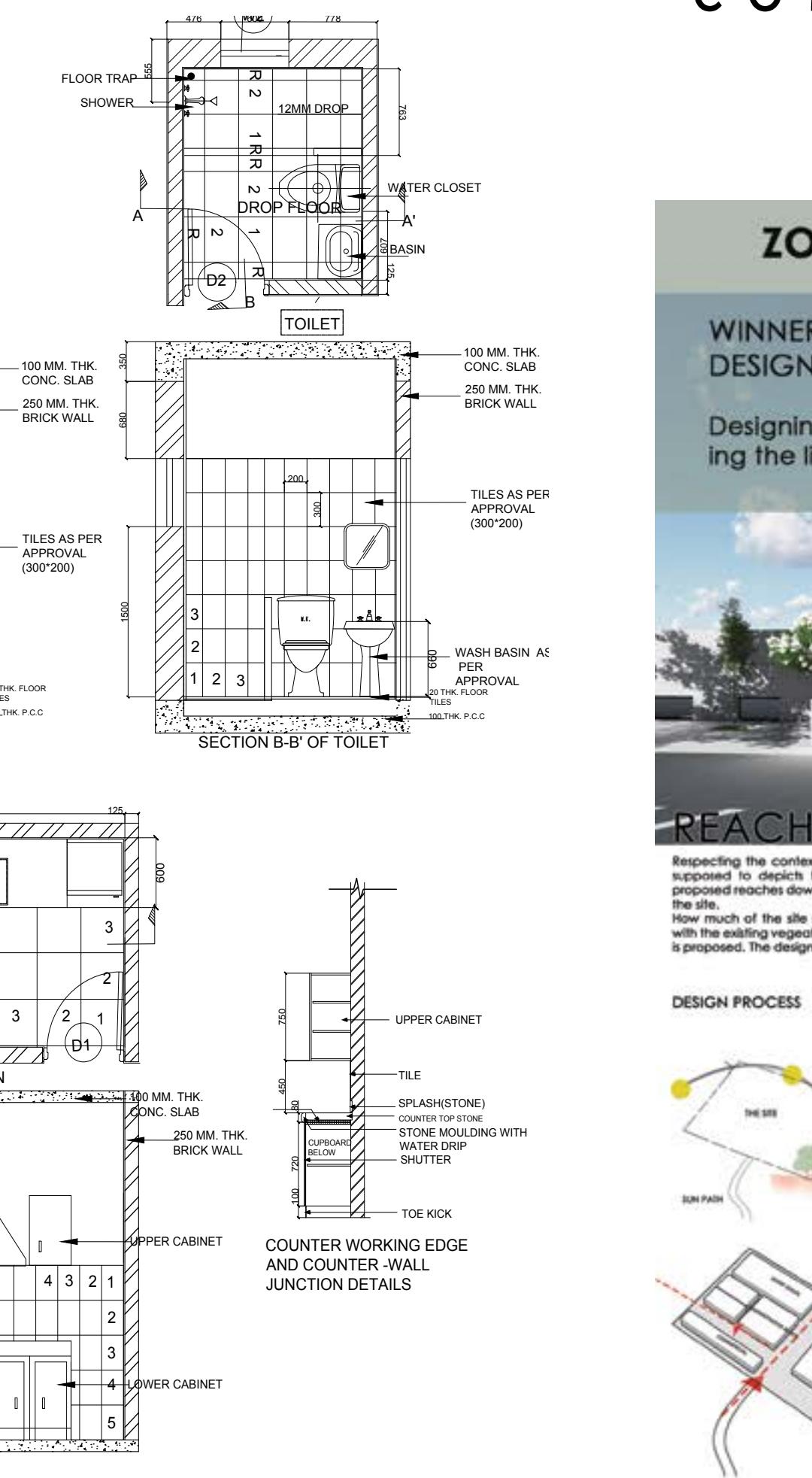
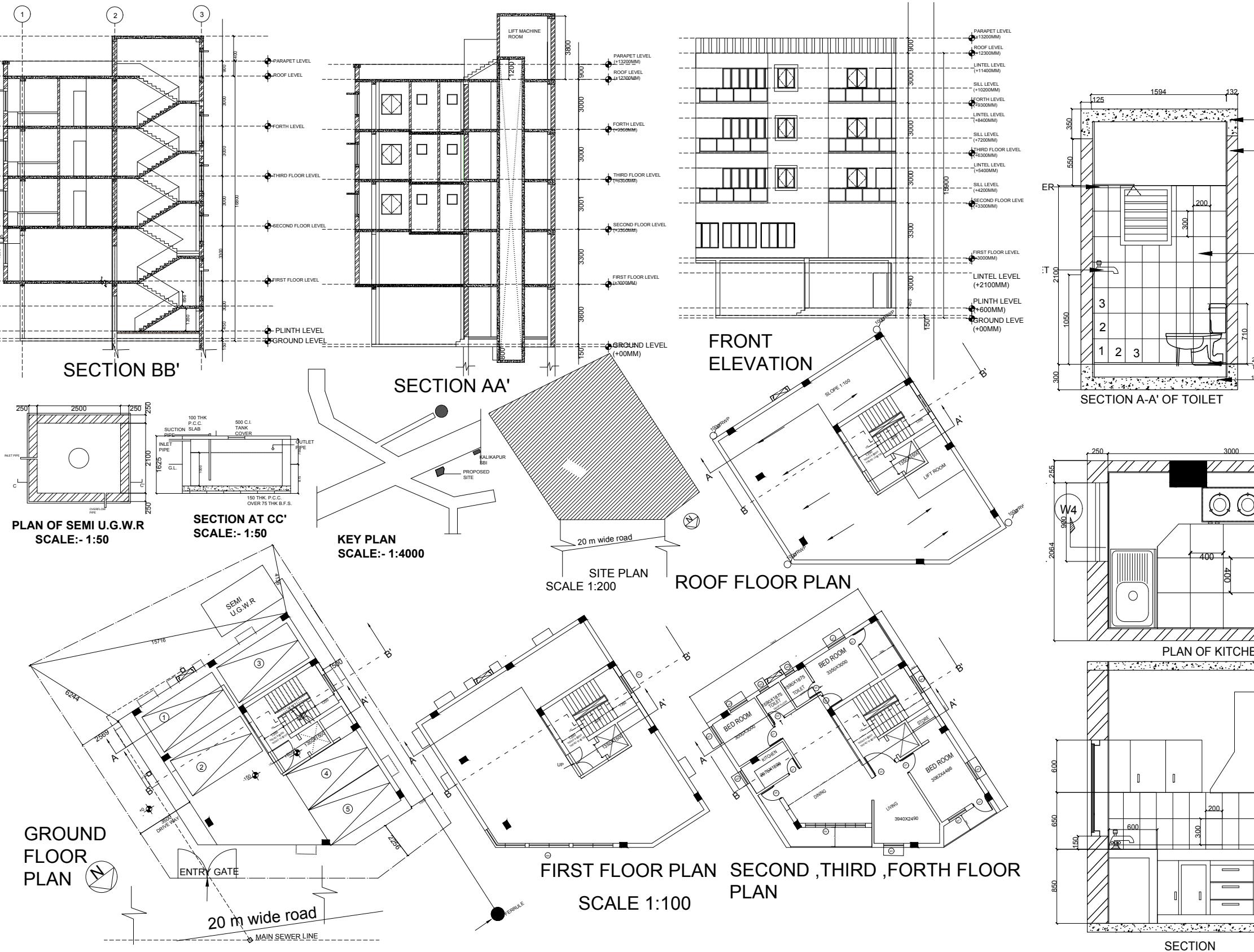
**4.4.13 Access door to air handling unit room shall be single/double leaf type, air tight, opening outwards and should have a sill to prevent flooding of adjacent occupied areas.**

**4.4.11 Structural design should avoid beam obstruction to the passage of supply and return air ducts. Adequate ceiling space should be made available outside the air handling unit room to permit installation of supply and return air ducts and fire/smoke dampers at compartment wall crossings.**

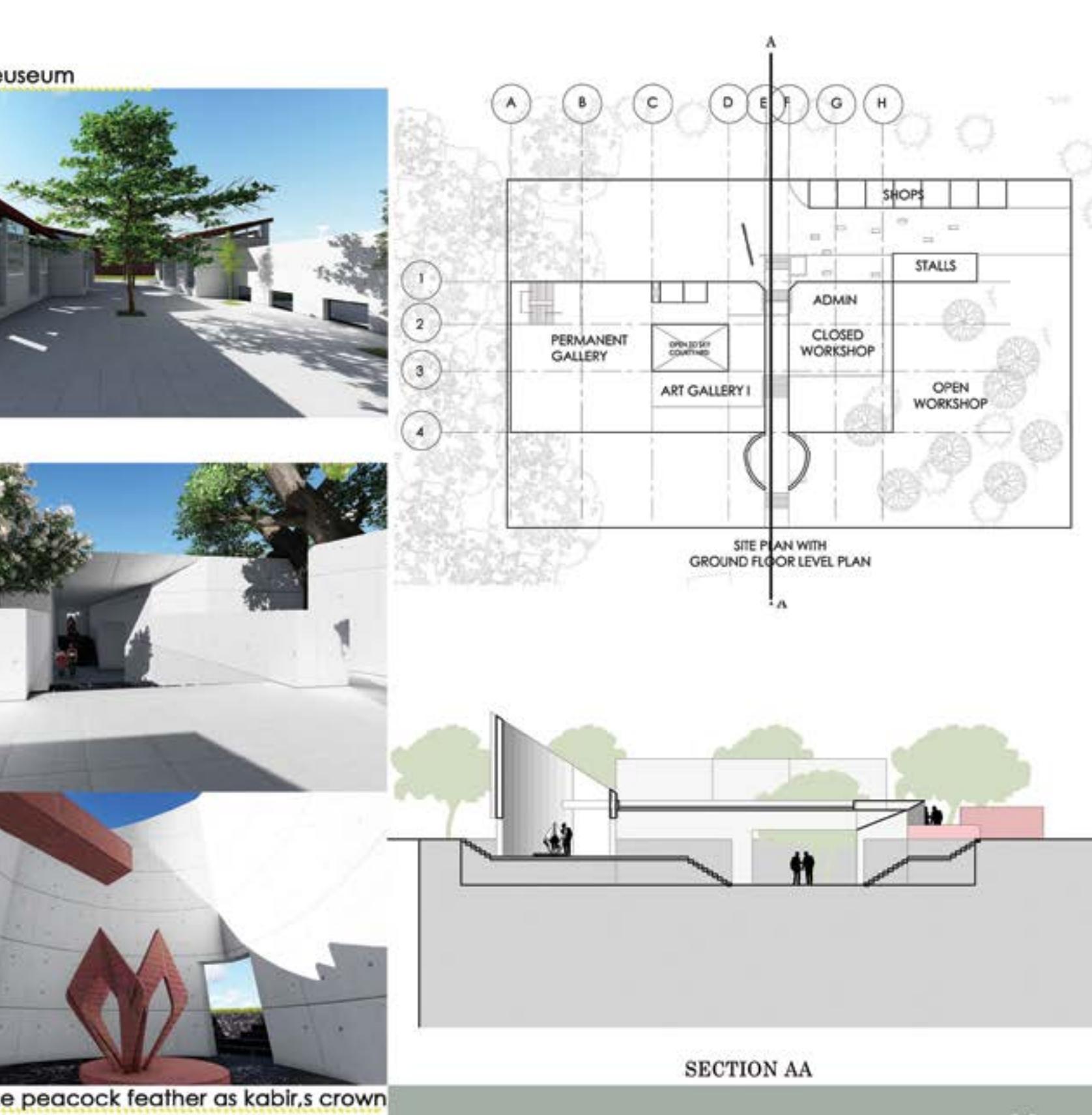
**4.5.5 In case of tall buildings, care shall be taken for expansion/contraction of pipes while planning the support**



# COMPETITION ENTRY



# COMPETITION ENTRY



F R E E L A N C E  
W O R K S

E X T E R I O R   E L E V A T I O N   D E S I G N  
+ R E N D E R



Software  
Modeling- *3DS MAX*  
Rendering-*VRAY 3DS MAX*  
Client -*RANCHI*



Softwares  
Modeling- *REVIT*  
Rendering-*VRAY 3DS MAX*  
Client -*RANCHI*



Softwares  
Modeling- *3DS MAX*  
Rendering-*VRAY 3DS MAX*  
Client -*SEMESTER DESIGN*  
*2nd YR*



Software  
Modeling- *3DS MAX*  
Rendering-*VRAY 3DS MAX*  
Client -*SEMESTER DESIGN*  
*2nd YR*

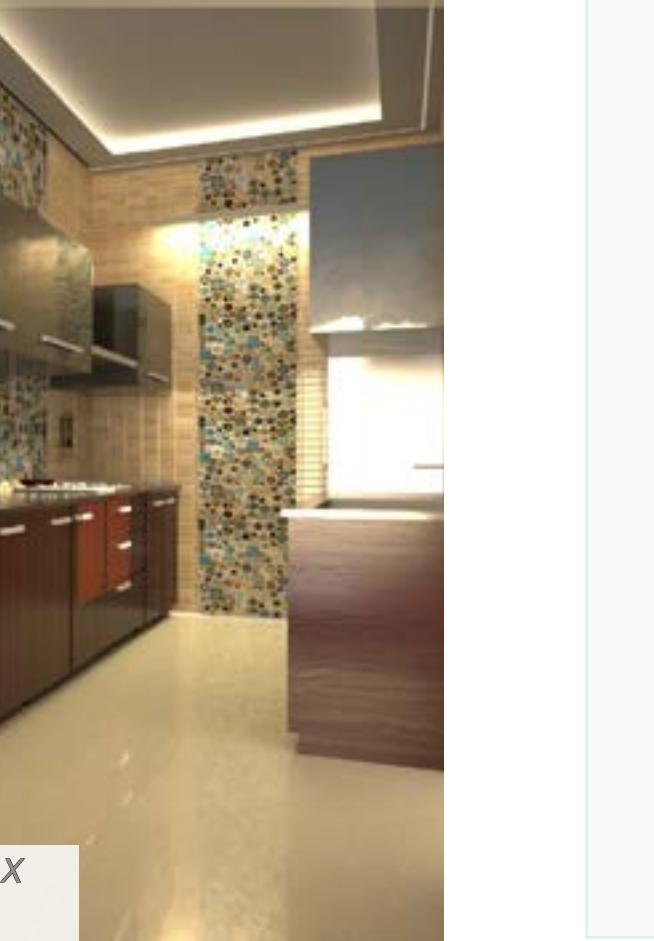
I N T E R I O R  
W O R K S  
( R E N D R E S )



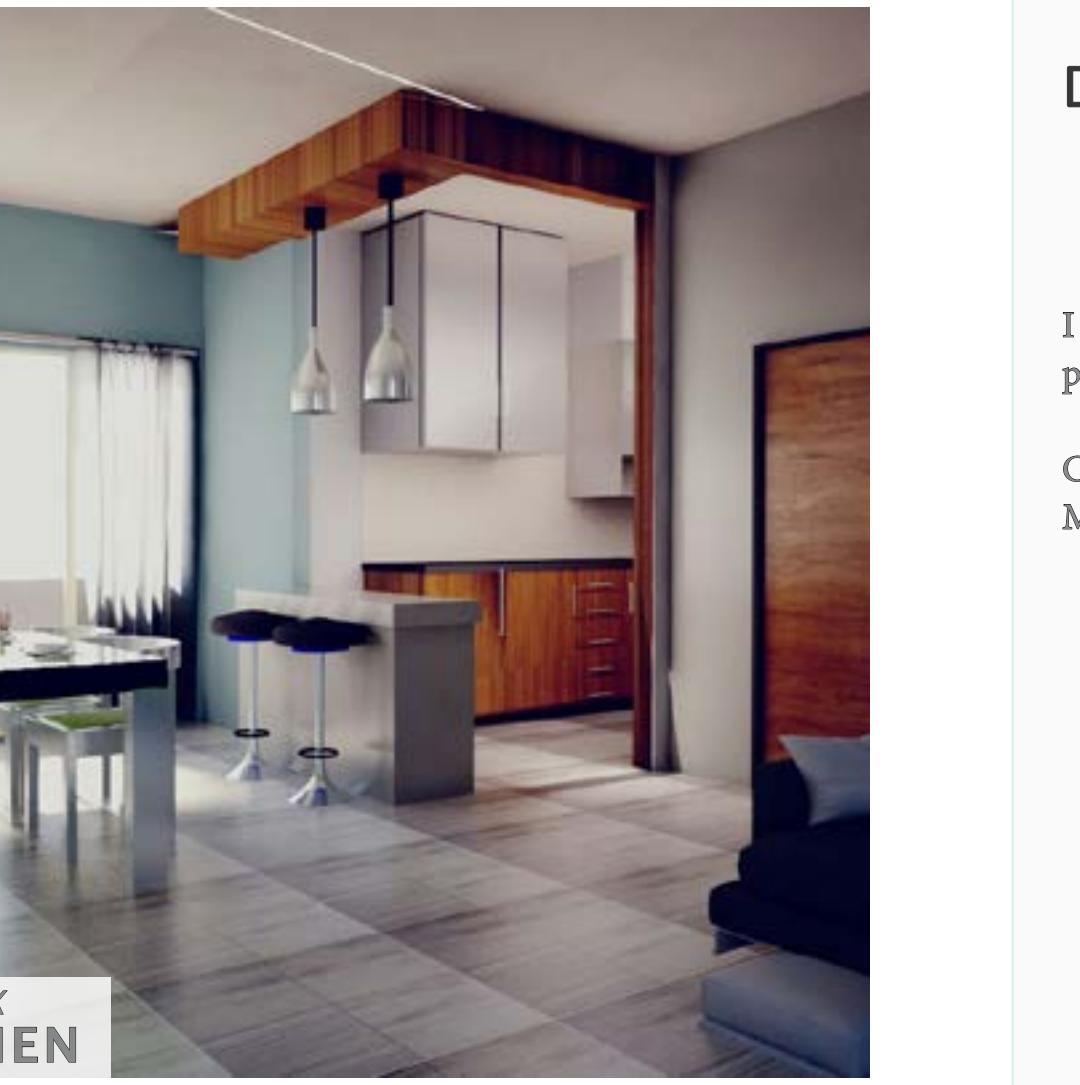
glimpse of interior  
renders freelance  
works



SOFTWARE-3D MAX  
LIVING ROOM



SOFTWARE-3D MAX  
KITCHEN



SOFTWARE-3D MAX  
OPEN KITCHEN

D I G I T A L A R T

I have great passion for digital art and  
portraits

CLICK ON ICON BELOW TO VIEW  
MY SELECTED WORKS

