

ARCHITECTURE PORTFOLIO | ANJALI GIDWANI





PERSONAL DETAIL

Anjali Gidwani

Architect

Maihar, Madhya Pradesh, India

02 November 1997

CONTACT

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mob. no. : +91-9399969995

ABOUT ME

I am a Graduate Architect from Amity University
Uttar Pradesh, India

I am an active and highly motivated young
architect. I consider myself as responsible,
organised and creative person. I'll be glad to
learn new things to become more developed
and motivated architect.

ANJALI GIDWANI
ARCHITECT | DESIGNER

LANGUAGES

English
Hindi

EDUCATION CREDENTIALS

2016- 2021 : Bachelors of Architecture, Amity University,
Lucknow (U.P.)
Marks secured : 8.67 CGPA

2015 : Intermediate School
Maharishi Vidya Mandir, Maihar (M.P.)

2013 : High School
Maharishi Vidya Mandir, Maihar (M.P.)

WORK EXPERIENCE (INTERNSHIP)

JAN-MAY 2020 : I-Con Architects and Urban Planners,
Ahmedabad, Gujarat, India

WORKSHOPS AND CONFERENCES

2017 : Furniture design workshop, Amity university,
Lucknow

2017 : National Conference on Urban Future of Lucknow
by Amity University, Lucknow

2017 : Bamboo Culming Techniques workshop in Auroville

2017 : Green rating for integrated habitat assessment
workshop at ZoNASA convention, Royal school of
Architecture, Guwahati

2018 : Product design workshop, GCA, Lucknow

2018 : Vernacular Architecture, Amity university, Lucknow

2018 : National Seminar on Light in Architecture by Amity
University, Lucknow

2018 : Architects Mahakumbh Organized by UIA-IIA 2018
in Lucknow

2019 : National Conference on Green Building and Rating
Amity University, Lucknow

ACHIEVEMENTS

2017 : Second runner-up of paranormal spaces design in
college fest (designed multiutility furniture)

2017 : Second runner-up of reach the next level design
competition in college fest (designed multiutility staircase)

2018 : Second runner-up in poster design competition in light
in architecture seminar

2018 : Won cash prize for mural design competition organized
by Lucknow metro rail corporation ltd.

OTHER PARTICIPATIONS

2017 : Participated in mindrain competition (Designing of Art
Gallery)

2017 : participated in design 24 in ZoNASA at Royal School of
Architecture, Guwahati, Assam

2018 : Participated in COA competition (Measure Drawing of
monument)

2018 : Participated in Anual Nasa Design Competition

2019 : Logo design for lokpal, India

2020 : ARCHMELLO - The habitat : rethinking student housing
in India


2020 : Re-imagining Museums for Climate Action

2021 : ARCHMELLO THESIS AWARD

2021 : ARCHITECTURE THESIS AWARD By Mango Arcitecture


2021 : Star Student Award 2021

SOFTWARE PROFICIENCY

Autodesk Autocad 2-D 

Adobe Photoshop 

Google Sketchup 

Vray (Rendering) 

Autodesk Revit 

Microsoft Office 

TABLE OF CONTENTS

1. ARCHITECTURE THESIS 2021	05-12
2. PROFESSIONAL TRAINING	13-18
3. RESIDENCE	19
4. KIOSK DESIGN	20-21
5. COA MEASURE DRAWING COMPETITION	22-28
6. WORKING DRAWING	29-34

ARCHITECTURE THESIS PROJECT

GRANDTHUM - A TOTAL EXPERIENCE COMMERCIAL MIXED-USE BUILDING

ABSTRACT THE THESIS PROJECT IS FOCUSED ON CREATING A SPACE THAT CAN FORM AN APEX FOR ENJOYING AND EXPERIENCING MIXED COMMERCIAL ACTIVITIES. THE PROJECT AIMS TO MAKE A HYBRID BETWEEN A COMMERCIAL SHOPPING COMPLEX, OFFICE FLOORS, AND BUSINESS HOTEL. TO MAKE THE CITY BETTER BY HELPING TO FIND THE NEXT GENERATION MIXED-USE DEVELOPMENT THAT INTEGRATES AND CONNECTS THE PEOPLE OF THE CITY. THE IDEA IS TO CREATE A SINGLE STOP THAT SERVED AS A PLACE TO HOLD DIFFERENT ACTIVITIES IN A SINGLE HIGH-RISE BUILDING TO GIVE AN ICONIC LANDMARK TO THE CITY. THE DEVELOPMENT WOULD HAVE 3 TYPES OF MIXES I.E., COMMERCIAL SHOPPING COMPLEX, OFFICE BUILDING, AND BUSINESS HOTEL. THIS PLACE WILL ALLOW PEOPLE TO LIVE, WORK, AND PLAY IN THE SAME ENVIRONMENT AND THAT WILL ATTRACT YOUNG PEOPLE WITH AN UNUSUAL WORK SCHEDULE AND MODERN LIFE. THE THESIS WILL SERVE AS A ROLE MODEL FOR THE DESIGN OF THE BUILDING SITE AND WILL PROVIDE A GOOD EXAMPLE OF THE DEVELOPMENT OF A COMMERCIAL MIXED-USE BUILDING. THIS WILL ALSO HELP TO ATTRACT TOURISM AND WILL HELP IN REVENUE GENERATION.



SITE ANALYSIS

PROJECT TYPE : COMMERCIAL MIXED-USE BUILDING COMPRISES OF RETAIL, OFFICE AND BUSINESS HOTEL
SITE LOCATION : GH-04, TECH ZONE IV, NOIDA PHASE-2, PATWARI, GREATER NOIDA, UTTAR PRADESH 201 306
SITE AREA : 22.5 ACRES / 91308 SQ.M



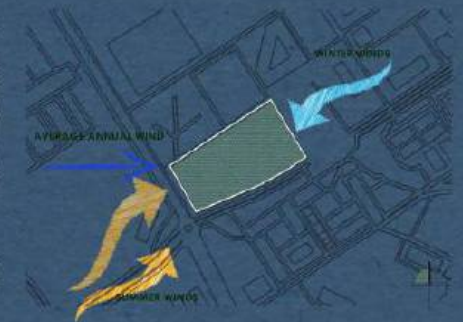
COUNTRY: INDIA
STATE: UTTAR PRADESH



SITE : BHUTANI GRANDTHUM,
GREATER NOIDA WEST



SITE
AREA :
91,308 SQ.M



SOLUTION:

PROVISION OF WIND TOWER AND ARRANGEMENT OF OPENINGS TO INCREASE THE AIR EXCHANGE RATE.
BUILDING ORIENTATION IS PREFERRED IN E DIRECTION AS THIS IS BEST ORIENTATION TO AVOID HARSH SUN RAYS.
PROVISION OF PUNCTURES IN SW-NE DIRECTION IS GOOD FOR INCREASING AIR EXCHANGE RATE.

THE CONCEPT IS BASED ON THE VERTICAL DEVELOPMENT WITH-IN A SITE
FORM FOLLOWS FUNCTION



THE GENERAL
BUILT-MASS



ASYMMETRICAL
FORM



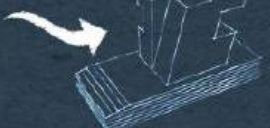
TILTING THE BUILT-MASS
AT AN ANGLE OF 10
DEGREE



PUNCTURES WILL HELP
TO REDUCE WIND LOAD



CONNECT BUILT-MASS AND
PUNCTURES FOR LIGHT AND
VENTILATION



FINAL BUILT-FORM FOR OFFICE,
COMMERCIAL, BUSINESS HOTEL

SITE PLAN

SITE AREA : 91,308 SQ.M
 GROUND COVERAGE : 14,400 SQ.M
 BUILT-UP AREA : 212,000 SQ.M
 NO. OF ENTRY/EXIT : 3
 SERVICE ENTRY/EXIT : 1

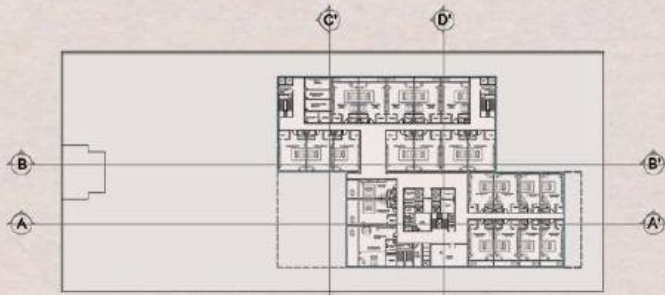
ON-SITE 4-WHEELER PARKING : 285
 OFFICE: 135
 BUSINESS HOTEL: 85
 COMMERCIAL : 65
 ON-SITE 2-WHEELER PARKING : 540

4-WHEELER ON-SITE PARKING 2-WHEELER ON-SITE PARKING WATER BODY SERVICE LANE BUILDING BLOCK SERVICE AREA KIDS PLAY/SIT-OUT



4-WHEELER ON-SITE PARKING SIT-OUT / CONCERT OPEN RESTAURANT KIOSKS SIT-OUT/ DROPZONE 4-WHEELER ON-SITE PARKING 2-WHEELER ON-SITE

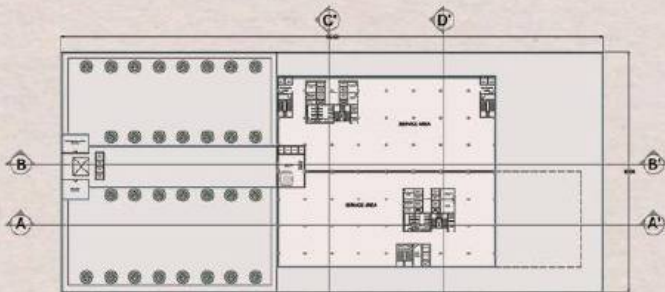
TYPICAL FLOOR PLAN



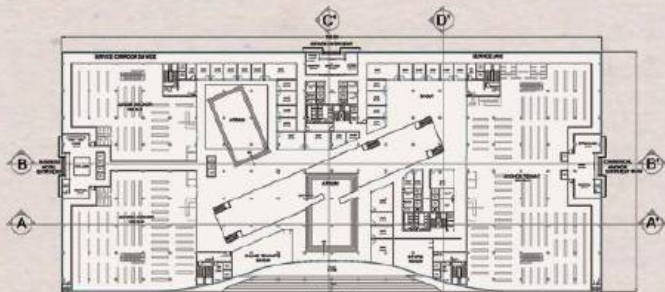
33RD BUSINESS HOTEL
FLOOR PLAN



SIXTH OFFICE FLOOR
PLAN



FIFTH SERVICE FLOOR
PLAN



GROUND RETAIL FLOOR
PLAN



SECTION

TOTAL FLOORS : G+40

REFUGE FLOORS : 3

BASEMENT : 3

GROUND - FOURTH FLOOR : RETAIL

FIFTH FLOOR : REFUGE

6TH - 16TH FLOOR : OFFICE

17TH FLOOR : RECREATIONAL

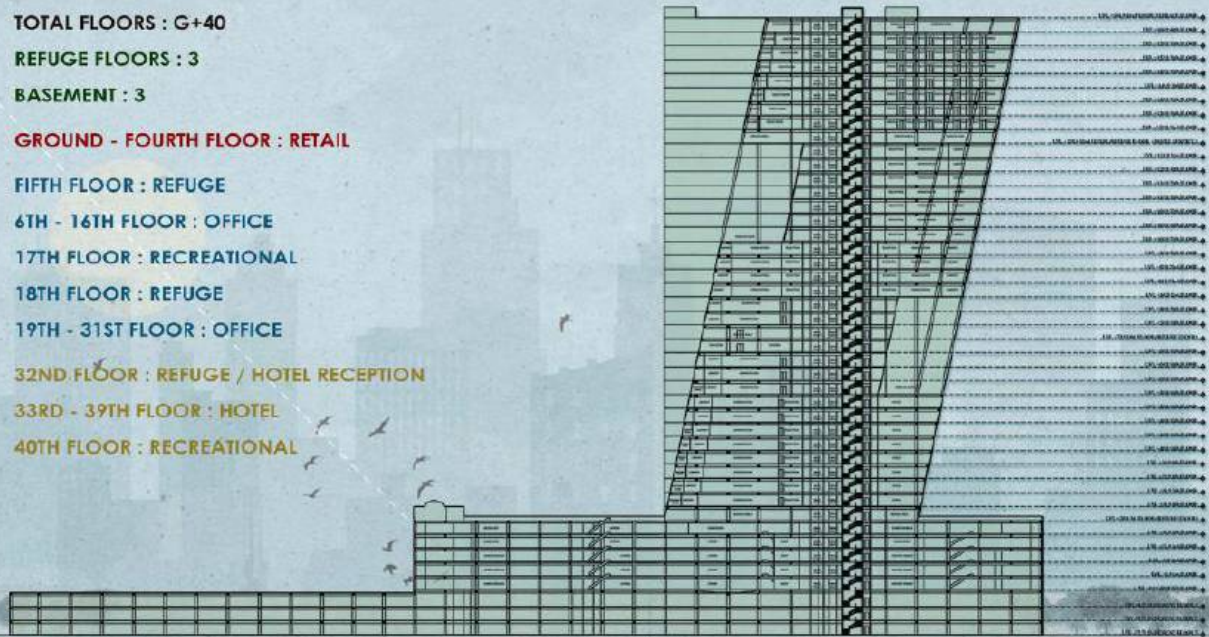
18TH FLOOR : REFUGE

19TH - 31ST FLOOR : OFFICE

32ND FLOOR : REFUGE / HOTEL RECEPTION

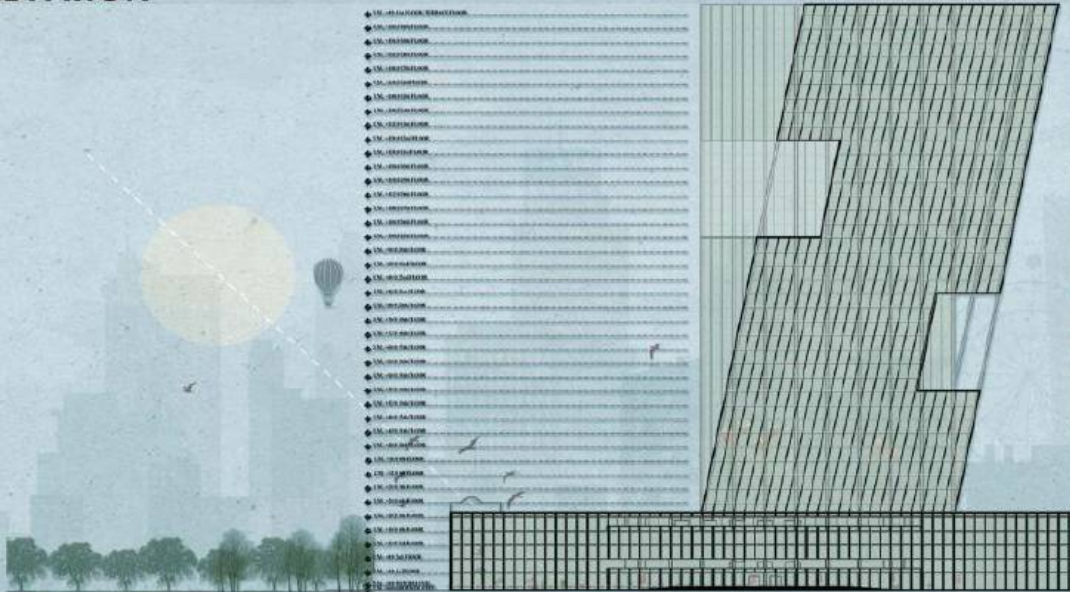
33RD - 39TH FLOOR : HOTEL

40TH FLOOR : RECREATIONAL



SECTION AA'

ELEVATION



STRUCTURE COMPONENT

CURTAIN WALL SYSTEM

MAIN STRUCTURE SYSTEM

COLOUR ON TOWER IS VERY MINIMAL ON EXTERIOR.

FACADE HAS COMPLETELY TRANSPARENT GLASS

TAPERED TEXTURE OF THE FACADE ESTABLISHES:
- A SMOOTH SURFACE FOR AESTHETIC PURPOSE
- HELP REDUCE THE WIND LOAD ON THE BUILDING

MAIN STRUCTURE

INNER TOWER AND CORE

MEGA FRAME: SUPER COLUMN SYSTEM AND INCLINED COLUMN AND BELT TRUSSES

COLUMN GRID : 9M X 9M

THE PRIMARY LATERAL RESISTANCE IS PROVIDED BY THE CORE, OUTRIGGER, AND SUPER COLUMN SYSTEM.

ELEVATION EAST : FRONT

HOTEL ROOM INTERIOR



SMART ROOMS AND GUEST COMFORT

SUSTAINABLE HOTEL ROOM :
IoT TECHNOLOGY CAN HELP WITH THIS THROUGH AUTOMATED ENERGY SAVING.

VOICE CONTROL FOR IN-ROOM FEATURES :
GUESTS CAN USE VOICE COMMANDS TO CONTROL THINGS LIKE THE THERMOSTAT, DRAPES, TELEVISION, AND LIGHTS.

TEMPERATURE SENSORS :
THERMAL CAMERAS TO SCREEN THE PERSON ENTERING IN HOTEL AND ROOM.
PLUMBING SENSORS CAN DETECT AND REPORT LEAKS QUICKLY.



OFFICE INTERIOR



RECEPTION



RECEPTION / WORKSPACE



DIRECTOR OFFICE



CONFERENCE ROOM

IOT TECHNOLOGIES

1. TRACK MAINTENANCE WITH IOT PRINTERS.
3. USE SMART ASSISTANTS FOR OFFICE AWARENESS.
5. SAVE ON CLIMATE CONTROL WITH SMART THERMOSTATS.
7. USE IOT SENSORS TO HEATMAP YOUR OFFICE.

2. ENABLE INTELLIGENT LIGHTING WITH SMART BULBS.
4. REPLACE CUSTODIANS WITH SMART VACUUMS.
6. TRACK EQUIPMENT WITH IOT TAGGING.
8. KEEP PRODUCTIVITY UP WITH SMART COFFEE MACHINES.



RESTAURANT INTERIOR



THEME
FARM-TO-TABLE FINE DINE RESTAURANT

COLOUR

COLOURS PLAY AN INTEGRAL ROLE IN DEFINING THE MOOD AS EACH COLOUR EVOKES A CERTAIN KIND OF EMOTION. GOLD COLOUR IS GENERALLY ASSOCIATED TO SERENITY AND LUXURY.

LIGHT

MOOD LIGHTING IS A VERY PIVOTAL DESIGN ASPECT OF FINE DINING RESTAURANTS. EXQUISITE CHANDELIERS AND UNIQUE LIGHT FIXTURES CAN PLAY AN IMPORTANT ROLE IN ENHANCING THE LUXURIOUS FEEL OF A SPACE.



INTERNSHIP WORK

AUDA Garden at Motera

Design + Project Management + Execution - Concept to Commissioning in just 15 days

Finished on 23rd Feb 2020

TRIANGULAR PARK MOTERA, AHMEDABAD

THE TRIANGULAR PARK IS A WELL PLANNED GREEN PATCH ADMITS A NEW DEVELOPED AREA OF MOTERA. ALSO ACT AS A PUBLIC SPACE USED BY ALL AGE GROUPS.

THE IDEA WAS TO DEVELOP A GREEN CURTAIN BETWEEN THE MAIN ROAD AND THE GARDEN BY DEVELOPING CONTOURS AESTHETICALLY SUCH THAT IT ALSO HELPS IN CUTTING OUT THE OUTER MAIN ROAD NOISE.

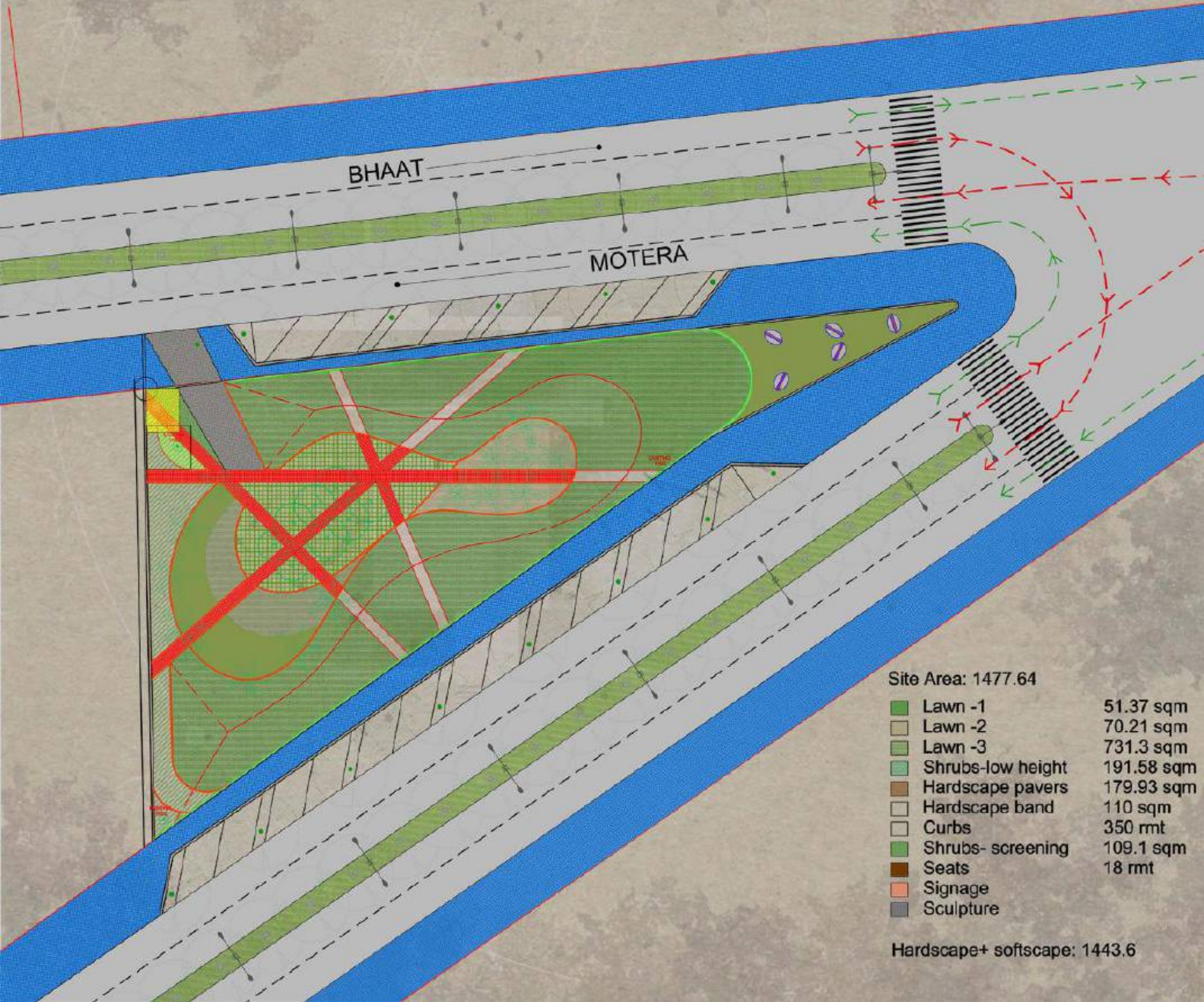


Started on 7th Feb 2020



TRIANGULAR PARK MOTERA, AHMEDABAD

SITE PLAN



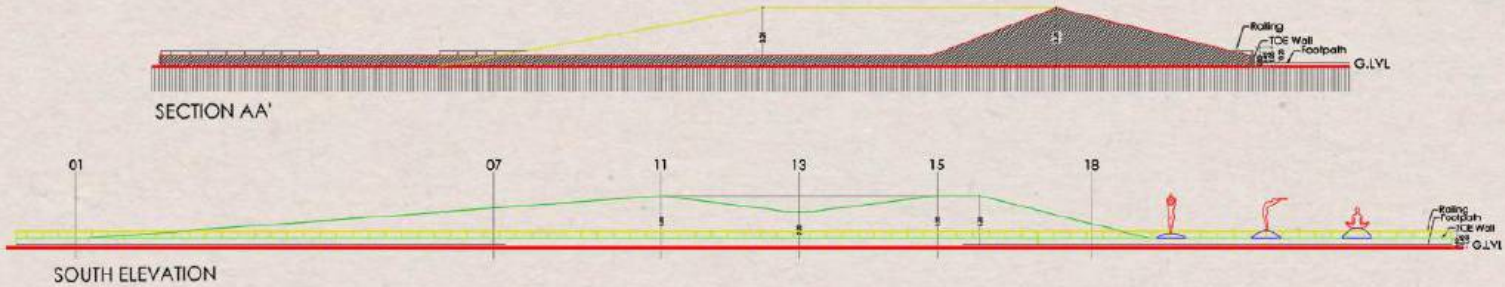
Site Area: 1477.64

Lawn -1	51.37 sqm
Lawn -2	70.21 sqm
Lawn -3	731.3 sqm
Shrubs-low height	191.58 sqm
Hardscape pavers	179.93 sqm
Hardscape band	110 sqm
Curbs	350 rmt
Shrubs- screening	109.1 sqm
Seats	18 rmt
Signage	
Sculpture	

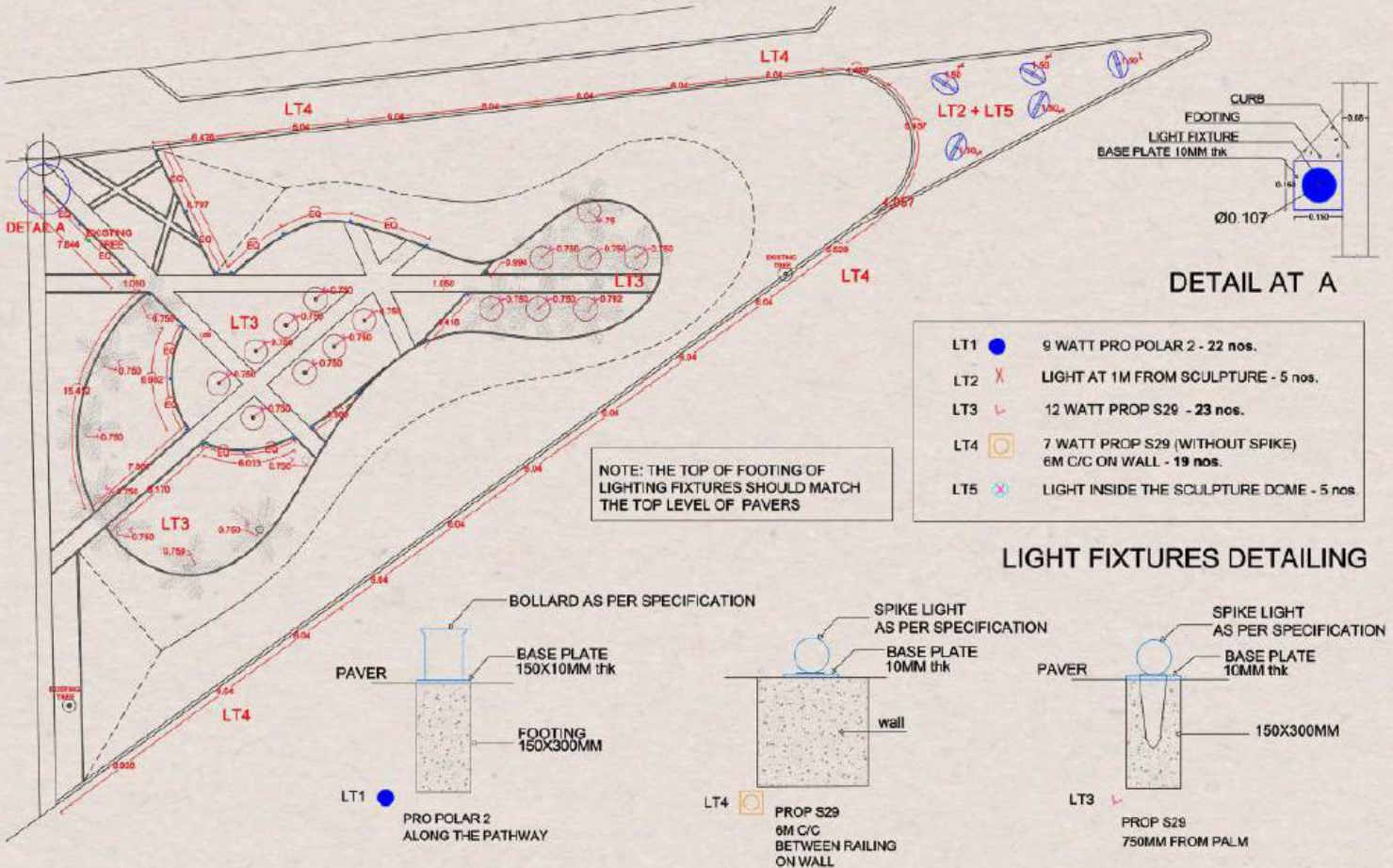
Hardscape+ softscape: 1443.6

TRIANGULAR PARK MOTERA, AHMEDABAD

SECTION AND ELEVATION



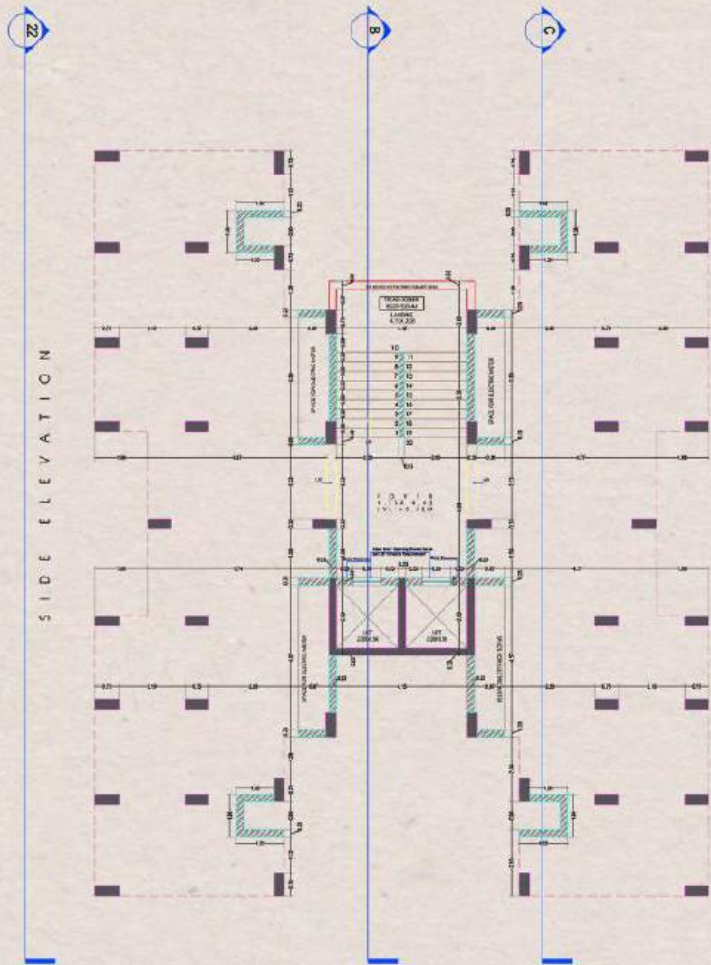
ELECTRICAL LAYOUT



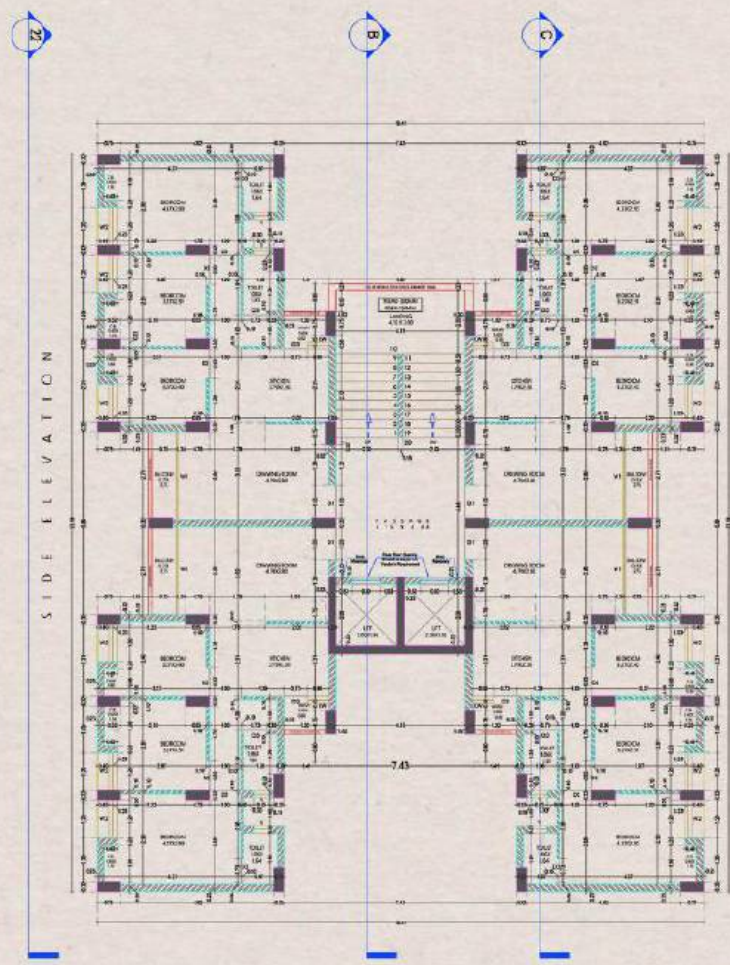
AFFORDABLE HOUSING PROJECT

FOR RAJKOT URBAN DEVELOPMENT AUTHORITY

WORKING DRAWING



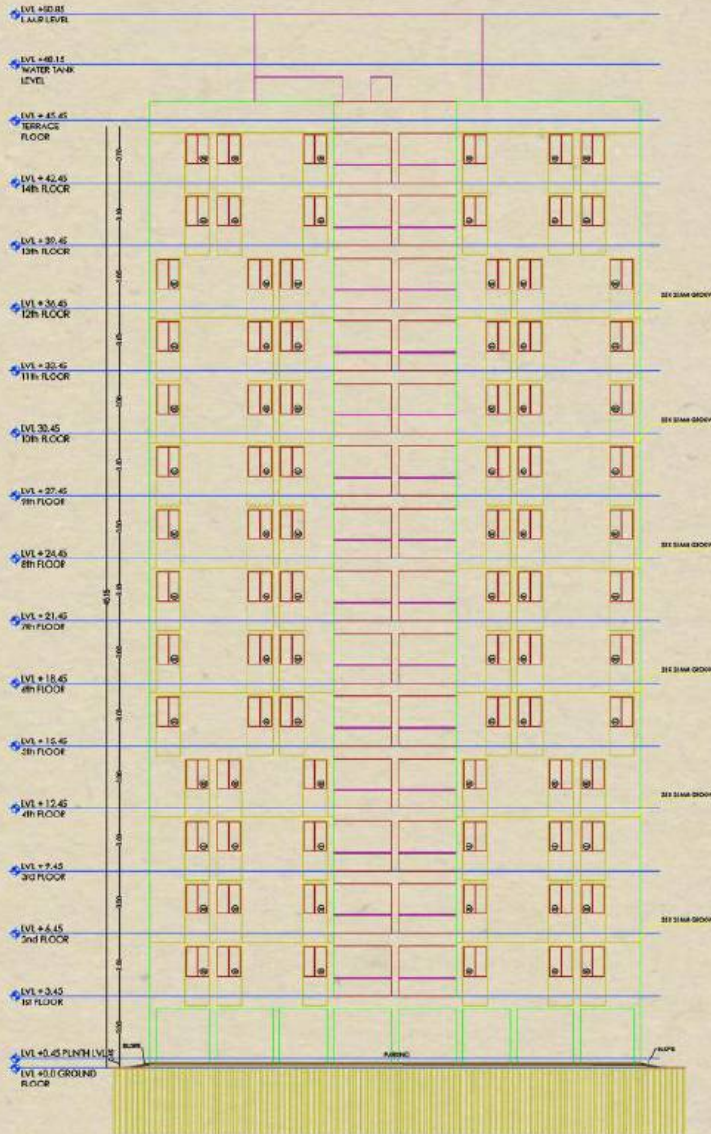
GROUND FLOOR PLAN



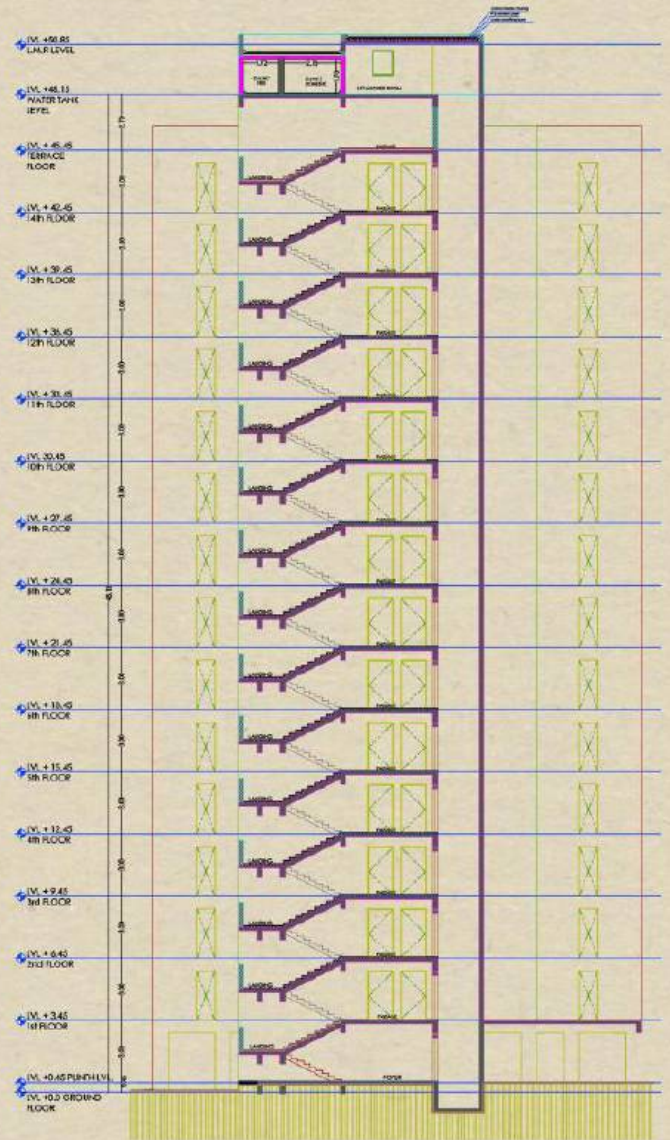
TYPICAL FLOOR PLAN

AFFORDABLE HOUSING PROJECT

FOR RAJKOT URBAN DEVELOPMENT AUTHORITY



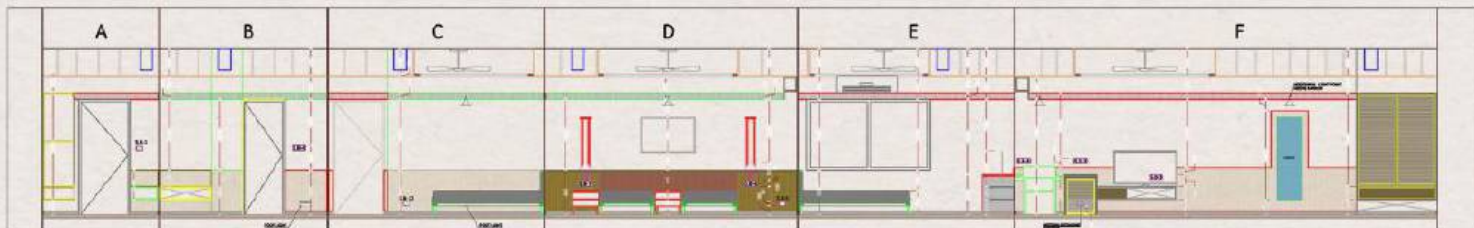
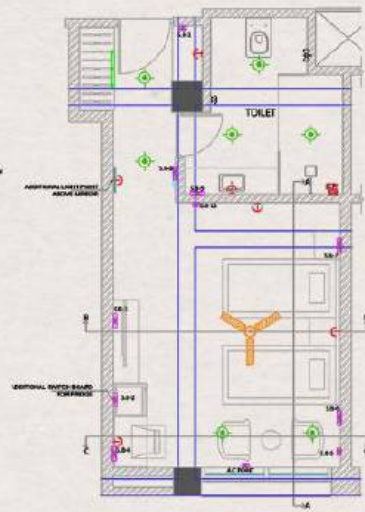
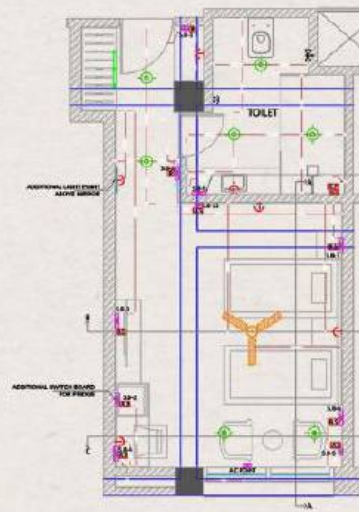
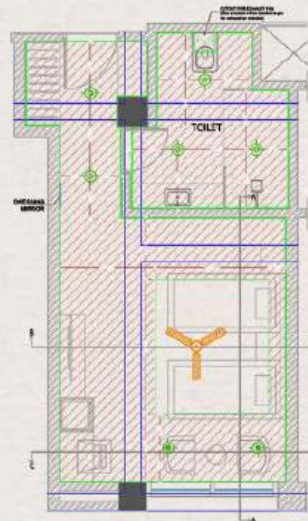
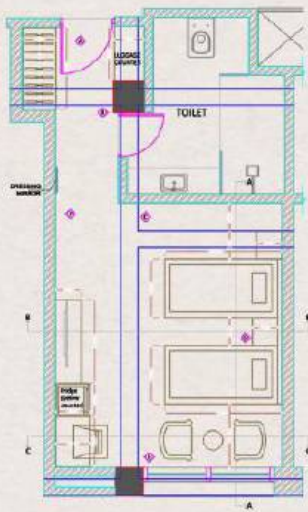
ELEVATION 22



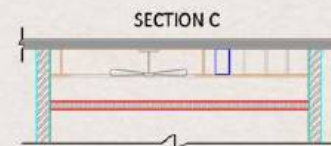
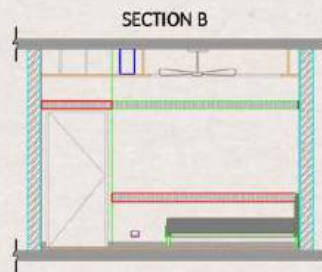
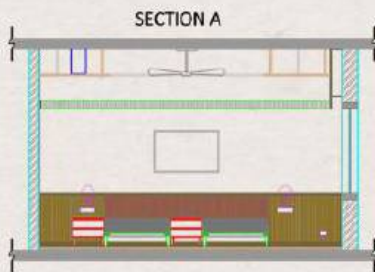
SECTION BB'

HOTEL @ GANGTEY, BHUTAN

ROOM ELECTRICAL DRAWING

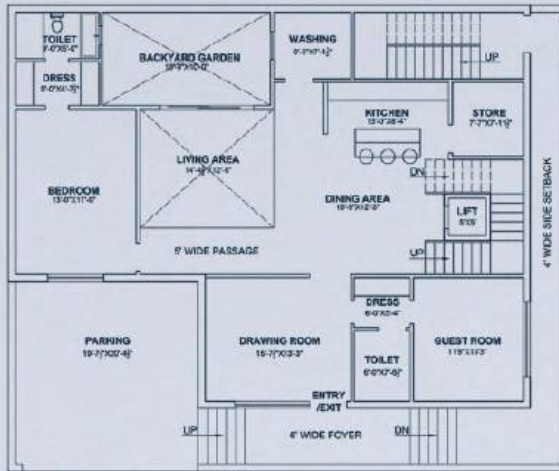


SECTIONAL ELEVATION

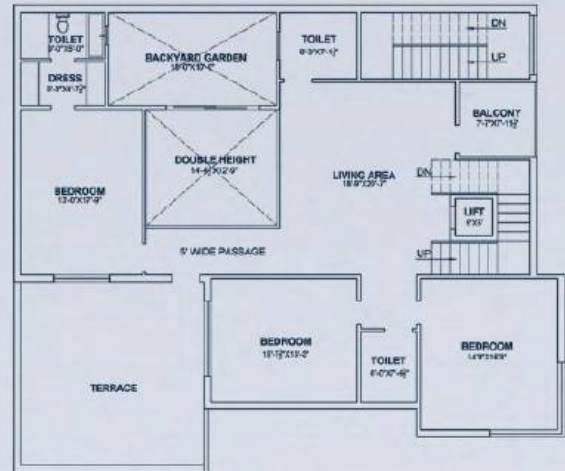


RESIDENCE

FOR DR. PRABODH JAIN, MAIHAR M.P. INDIA



GROUND FLOOR PLAN



FIRST FLOOR PLAN



KIOSK

BIOMIMICRY DESIGN

CONCEPT

Bee hive is a derived form of honey-comb structure which is a network of hexagons and when they get connected, they can take up a form. Their flexibility is the main property to make them appropriate for architectural purpose.



BEE HIVE



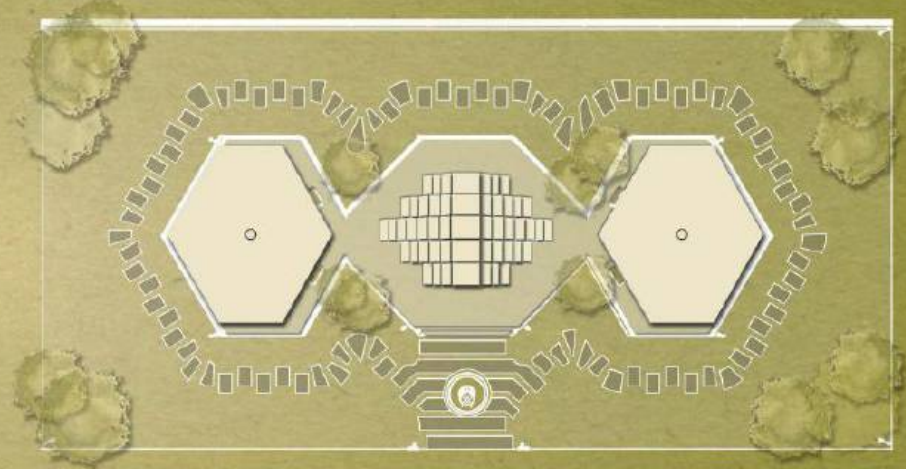
CELLS OF BEE HIVE

As Bee Hive cells are of hexagonal shape thus, the form of building is derived from hexagonal rafts.

Use of Hexagon :

- Space define are used most efficiently and optimally.
- Footprint is maximised to the purpose of building.
- Hexagonal shape rafters have been used for the facade.

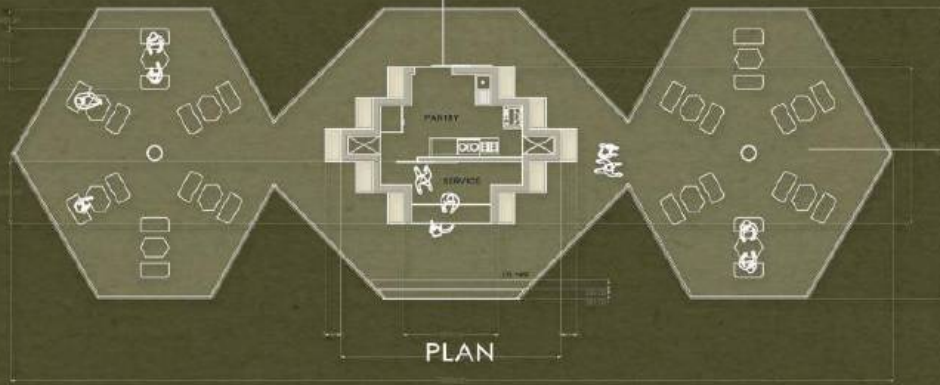
THE SITE



Area : 60m x 20m



KIOSK BLOCK



SITTING



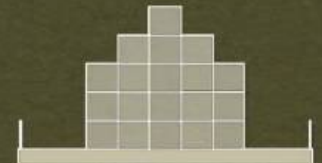
SECTION AA'



SECTION BB'



FRONT ELEVATION



SIDE ELEVATION



COA MEASURE DRAWING COMPETITION

"EVERYTHING THAT UNDERGOES
CHANGE WITH TIME IS HISTORY"

SHADES OF OUDH - SIBTAINABAD IMAMBARA

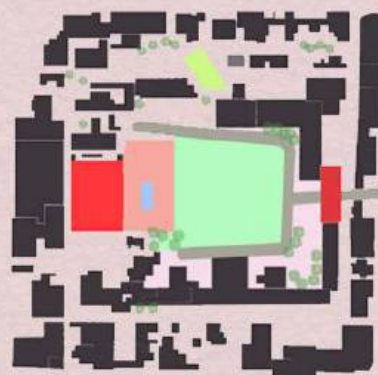
HAZRATGANJ, LUCKNOW



SITE & LOCATION



SIBTAINABAD IMAMBARA IS LOCATED IN THE HEART OF THE CITY, HAZRATGANJ, LUCKNOW

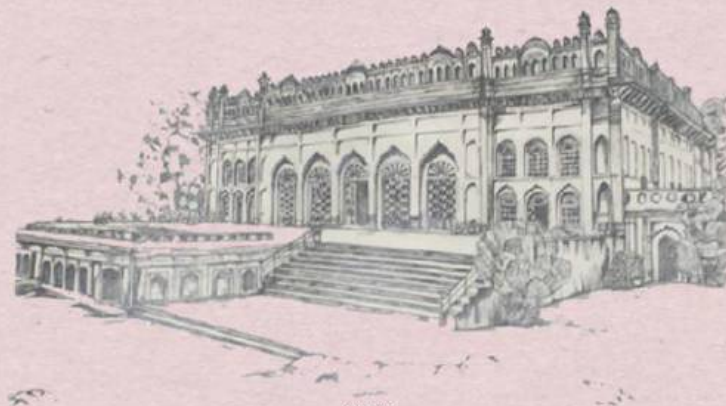


- SURROUNDING BUILT FORMS
- SEHN
- MONUMENT
- MASJID
- ROAD
- FRONT LAWN

FIGURE GROUND MAP



FRONT VIEW OF SIBTAINABAD IMAMBARA



VIEW



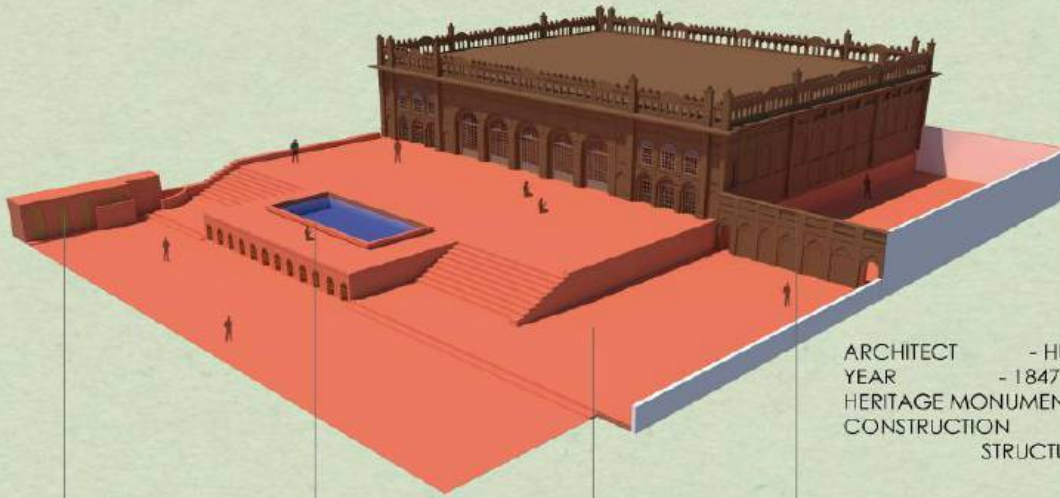
EXISTING SITE PLAN



SNAP FROM THE 1900s

IMAMBARA

IMAMBARA IS A PLACE OF MOURNING, RELIGIOUS ACTS AND CEREMONIES CONNECTED WITH THE CELEBRATION OF MUHARRAM



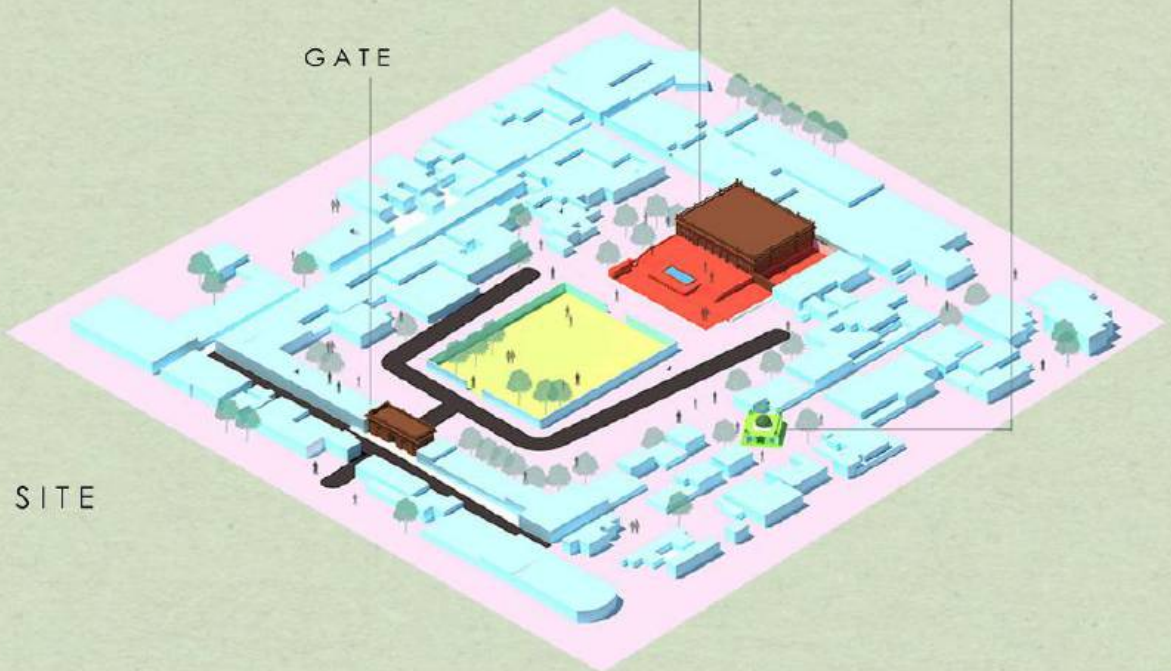
ARCHITECT - HUSSAIN ALI KHAN
YEAR - 1847
HERITAGE MONUMENT BY - 1919
CONSTRUCTION - INDO-ISLAMIC
STRUCTURAL DESIGN

STORAGE
ABLUTION
AREA

KITCHEN
MAHAL
SERAI

IMAMBARA

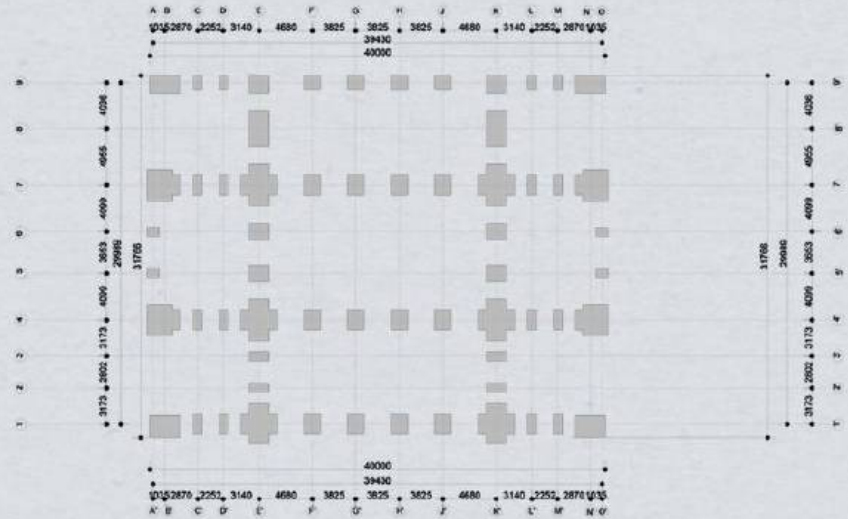
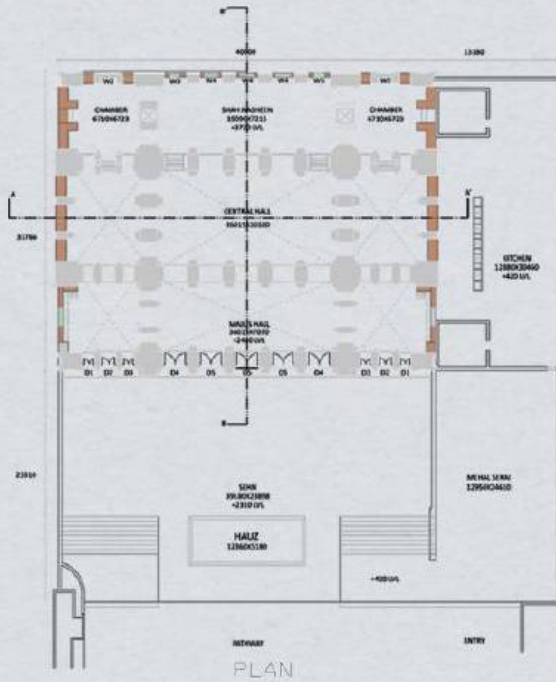
MASJID



SITE

GATE

PLAN & ELEVATION



S.NO.	MARK	SIZE (MM)		TYPE
		WIDTH	HEIGHT	
1	D1	1150	2100	GLASS PANELED DOUBLE SWING DOOR
2	D2	1450	2100	GLASS PANELED DOUBLE SWING DOOR
3	D3	1152	2100	GLASS PANELED DOUBLE SWING DOOR
4	D4	2370	3400	GLASS PANELED DOUBLE SWING DOOR
5	D5	2371	3400	GLASS PANELED DOUBLE SWING DOOR

S.NO.	MARK	SIZE (MM)		TYPE
		WIDTH	HEIGHT	
1	W1	2000	2250	CASEMENT WINDOW
2	W2	1450	2250	GLASS PANELED CASEMENT WINDOW
3	W3	1050	2250	GLASS PANELED CASEMENT WINDOW
4	W4	1500	2250	GLASS PANELED CASEMENT WINDOW

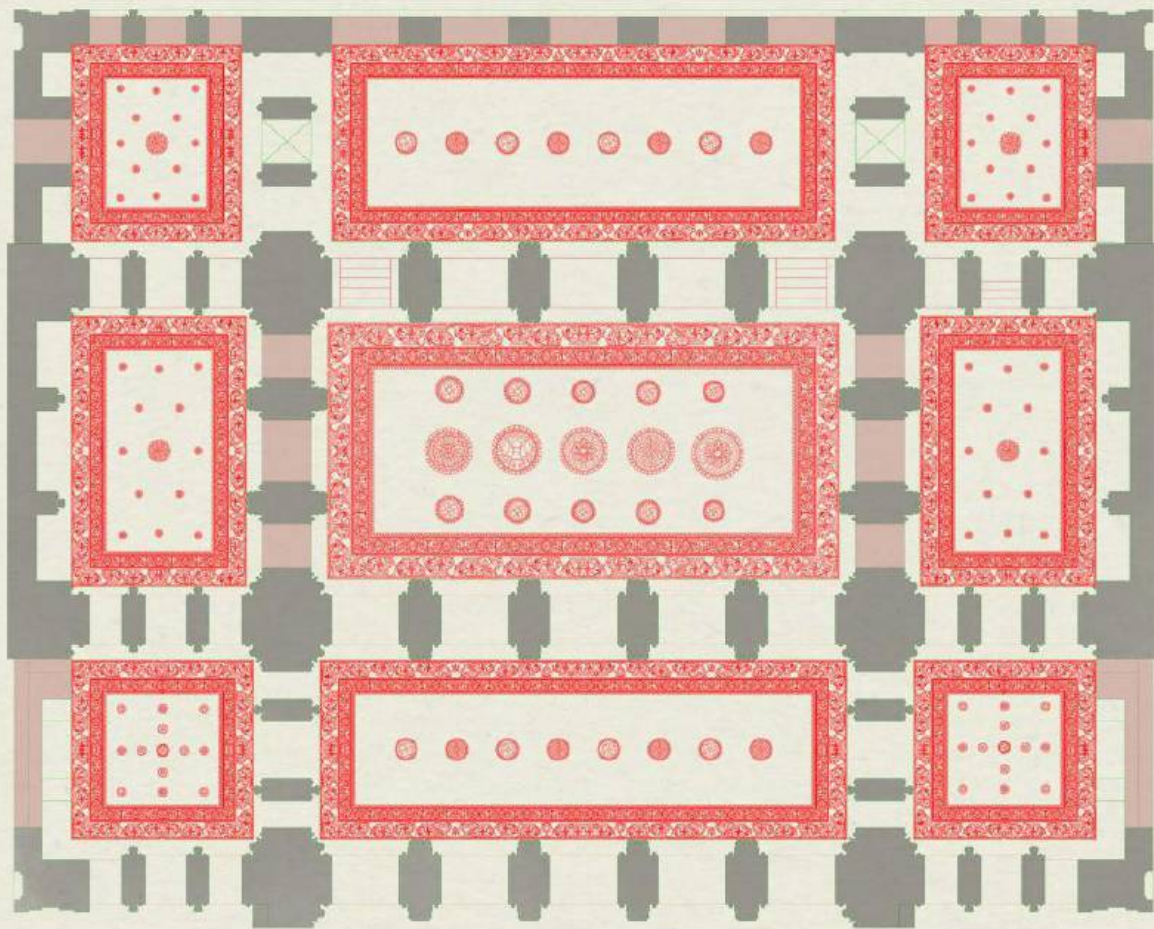


GATE ELEVATION



FRONT ELEVATION

REFLECTED CEILING PLAN

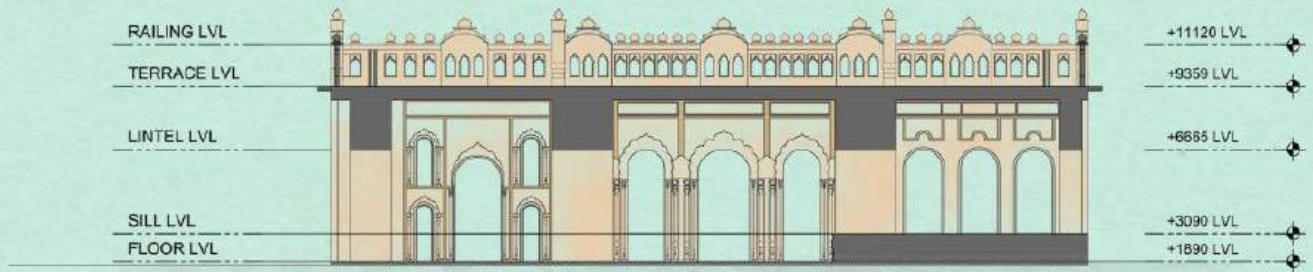


THE HALLWAYS HAVE ARCHES THAT SUPPORT THE WALLS AND HAVE OLD INTRICATE PATTERNS

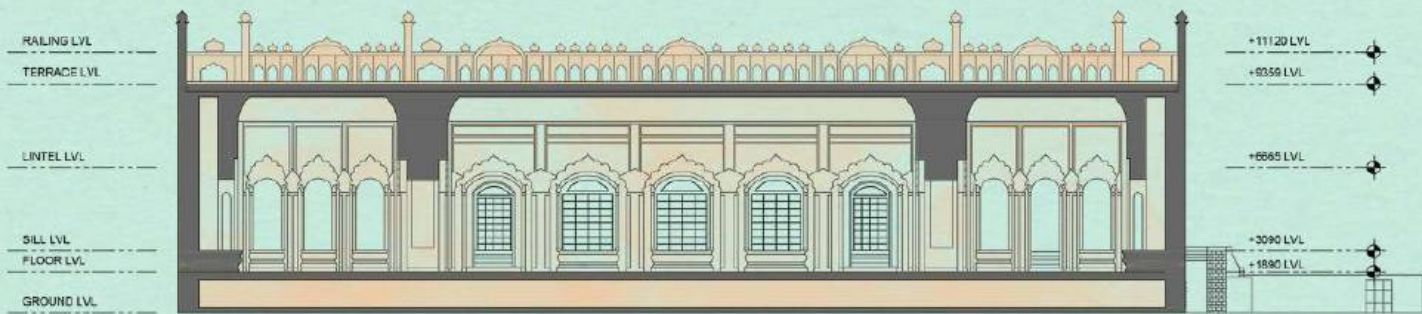


DETAILS

SECTION & ELEVATION

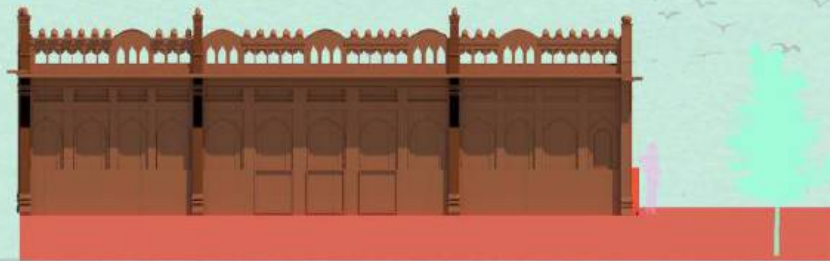


SECTION BB'

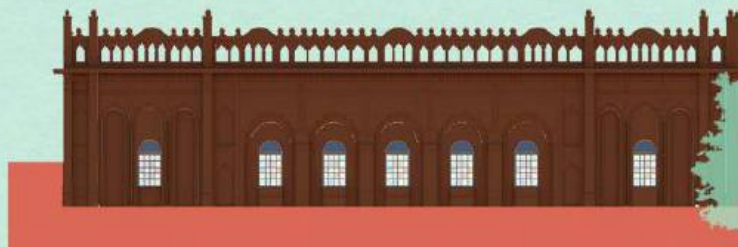


SECTION AA'

THE WHOLE BUILDING
FOLLOWS A SYMMETRY
STRUCTURALLY AS WELL
AS AESTHETICALLY



SIDE ELVATION



REAR ELVATION

ORNAMENTATION



LEAF MOTIF IN A RHYTHMIC PATTERN



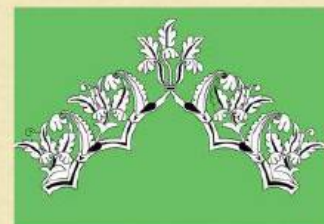
ROYAL INSIGNIA OF THE KINGDOM OF OUDH



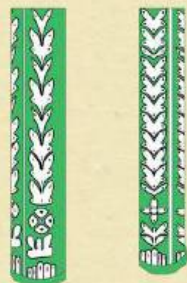
LEAF MOTIFS



STUCCO WORK ON THE CEILING OF THE CENTRAL HALL



FLOWER MOTIFS OF RED PLASTER COLOURED BY VEGETABLE PAINT



FINE FLOWER AND LEAF MOTIFS ON THE ARCHWAYS OF MAIN FACADE

STUCCO CARVINGS ON THE ORNAMENTAL COLUMNS

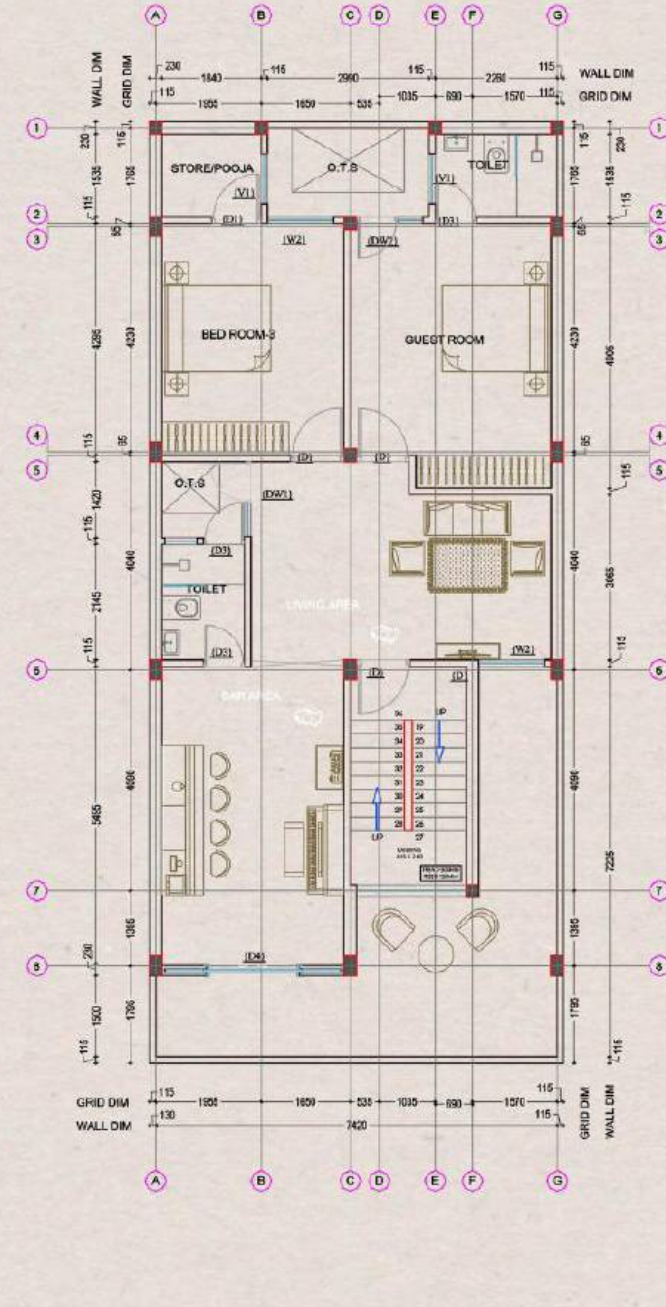
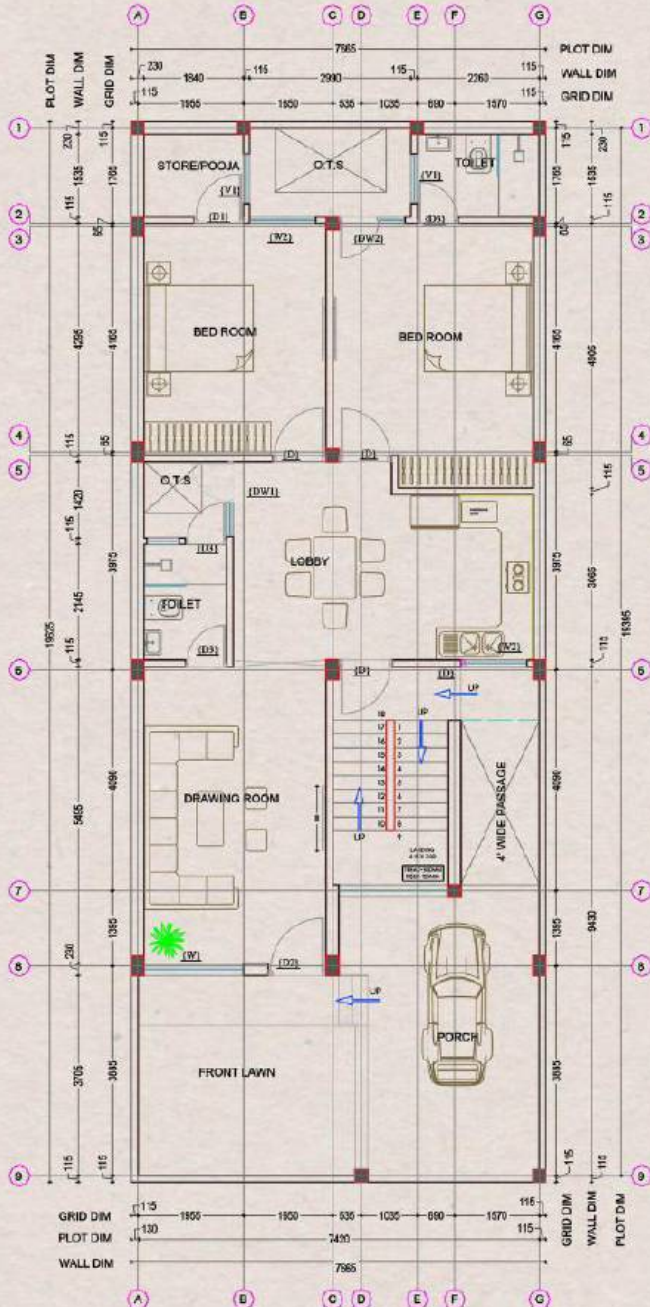


STUCCO WORK ON THE CROWN OF COLUMN

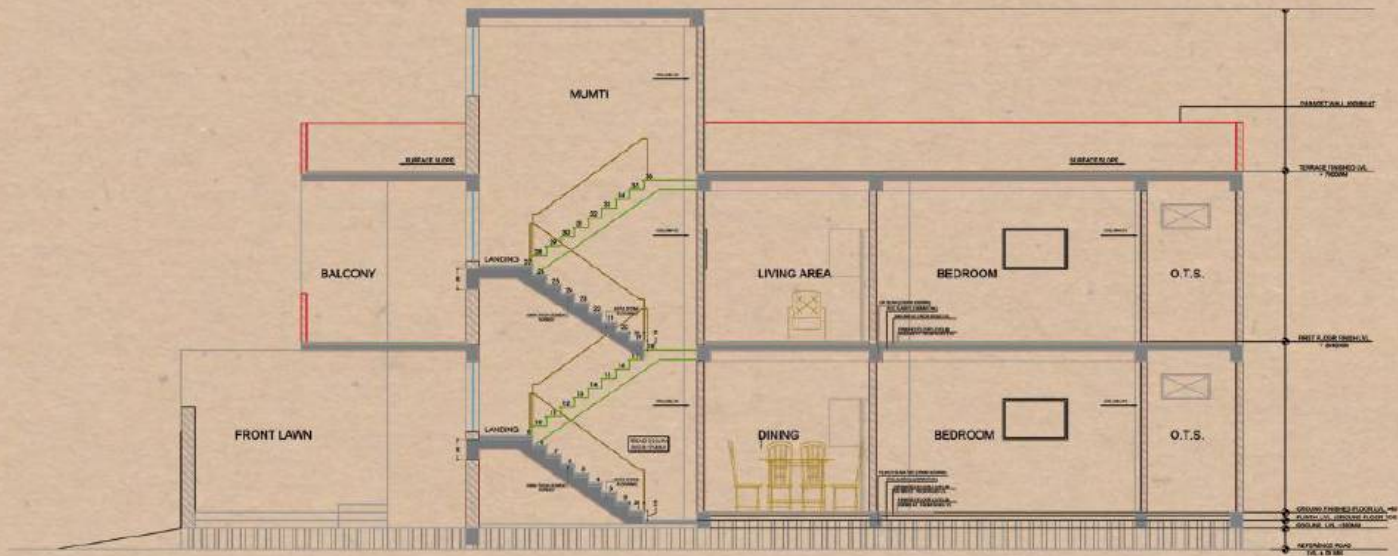
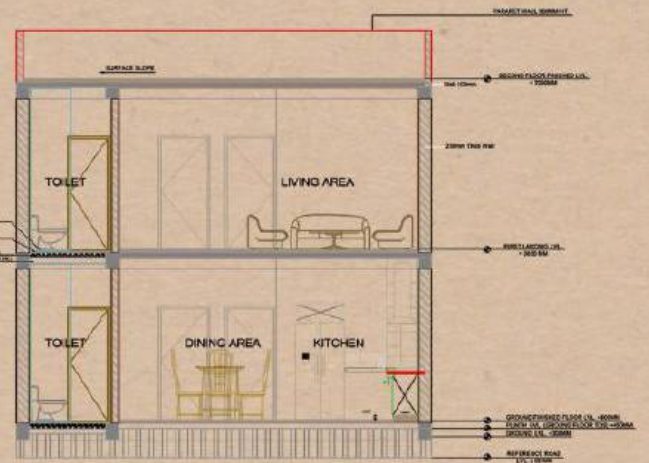
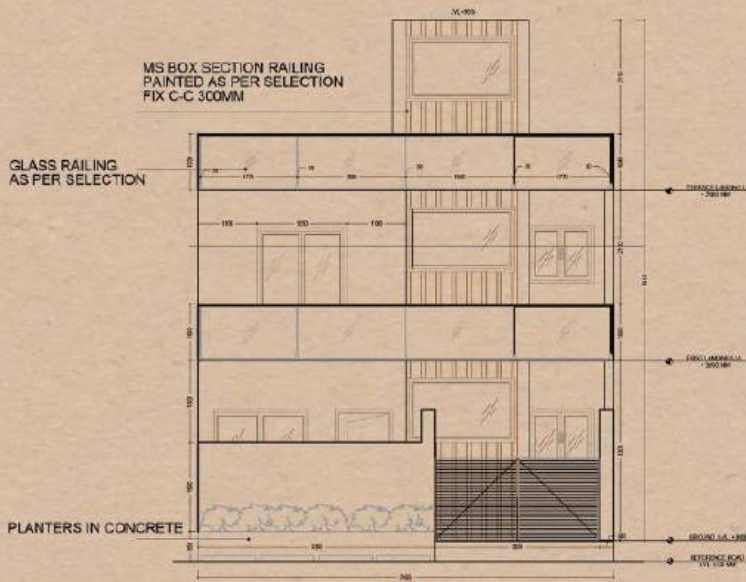
MOTIFS ON THE CEILING OF MAJLIS HALL

RESIDENCE

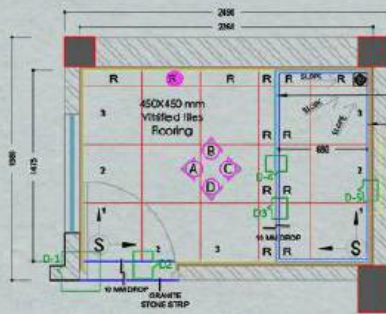
WORKING DRAWING



SECTION & ELEVATION



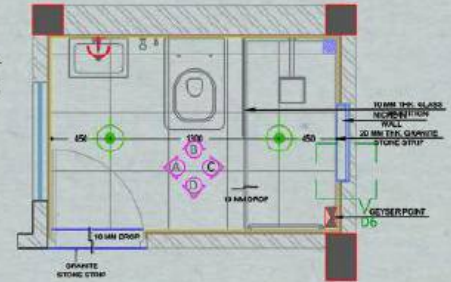
TOILET DETAIL



FLOORING LAYOUT

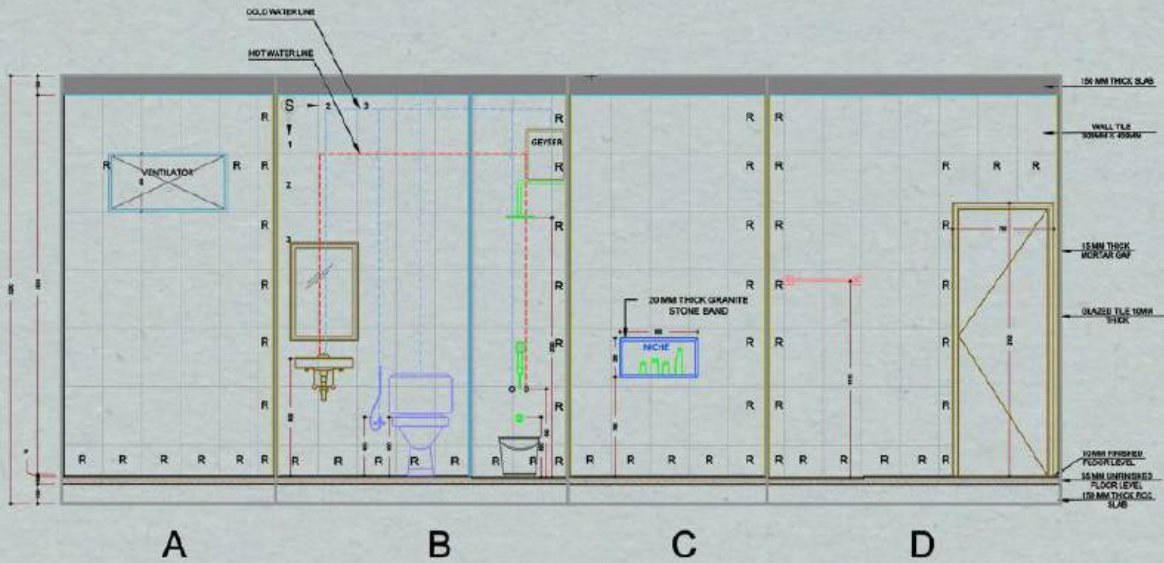


PLUMBING FIXER LAYOUT

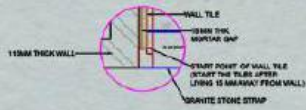


ELECTRICAL LAYOUT

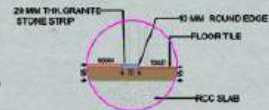
SECTIONAL ELEVATION



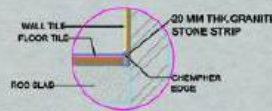
DETAILS



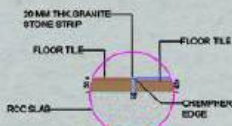
DETAIL-D1



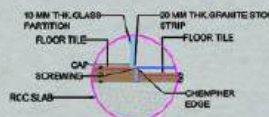
DETAIL-D2



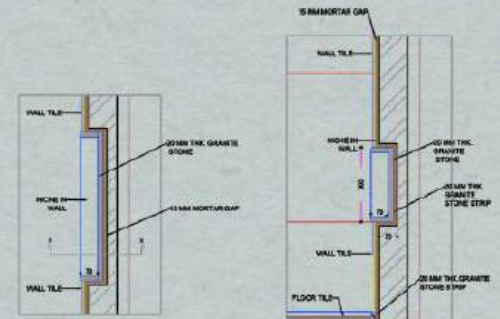
DETAIL-D5



DETAIL-D3



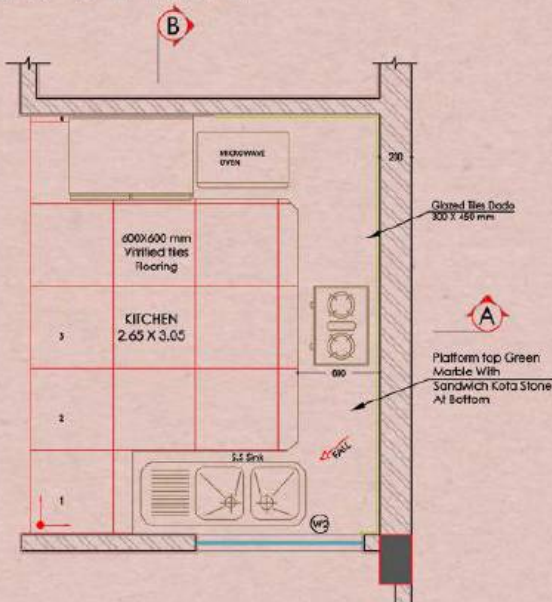
DETAIL-D4



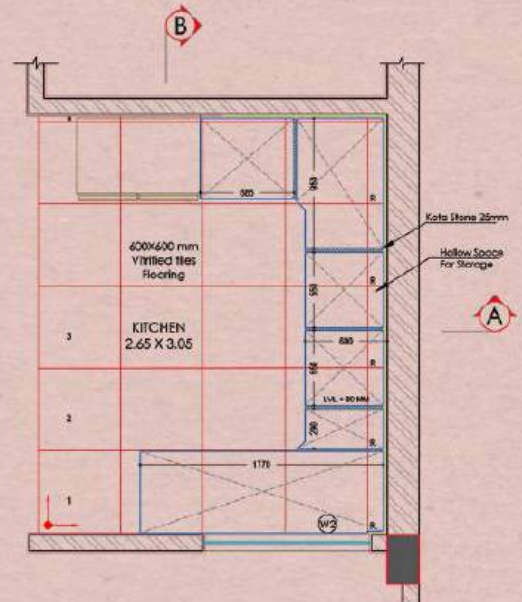
DETAIL-D6

SECTION -X

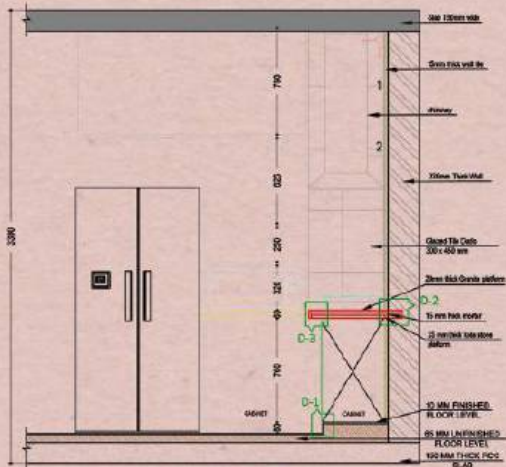
KITCHEN DETAIL



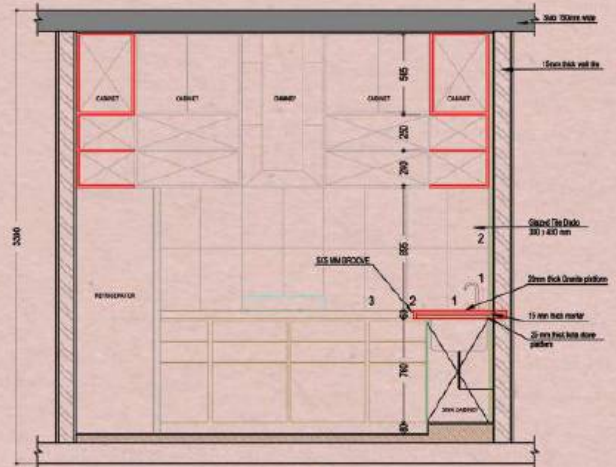
PLAN- ABOVE THE COUNTER PLAN



PLAN- BELOW THE COUNTER PLAN

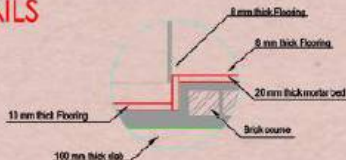


SECTION A

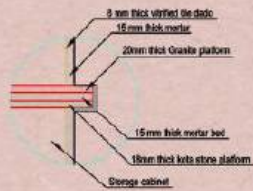


SECTION B

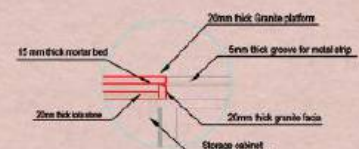
DETAILS



DETAIL - 1



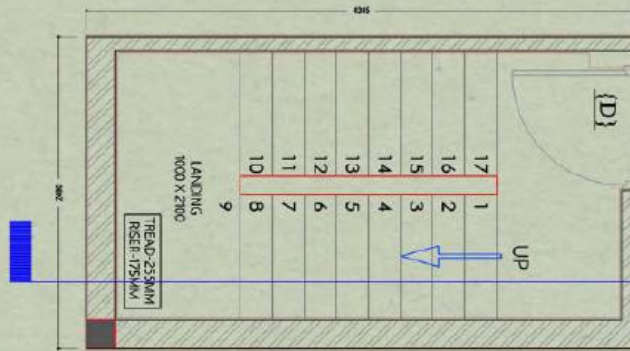
DETAIL - 2



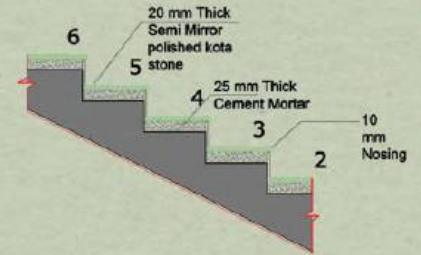
DETAIL - 3

STAIRCASE DETAIL

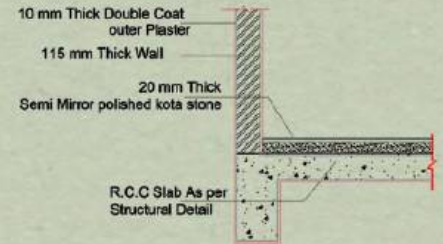
PLAN



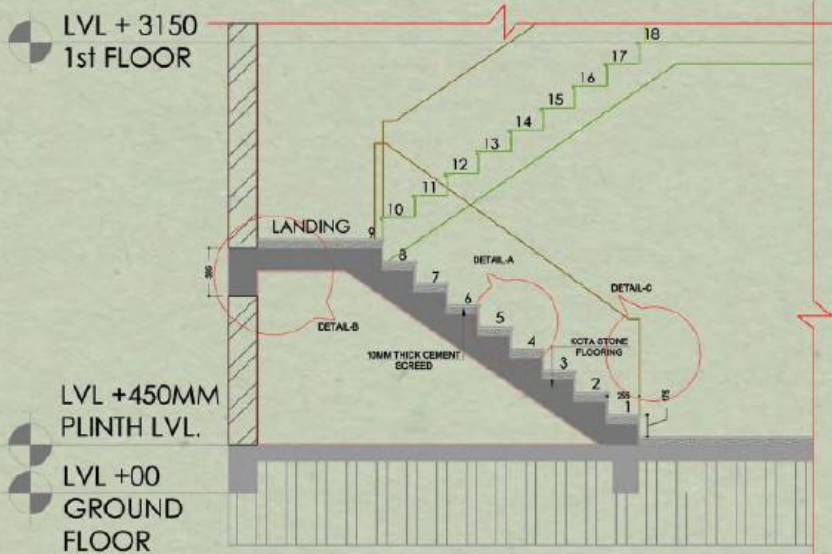
DETAIL - A



DETAIL - B



SECTION A



DETAIL - C

