

PORTFOLIO

FORAM PATEL

Architectural Work

CONTENT

PROFESSIONAL PRACTICE

01

EKAAYA
RESORT

INTERNSHIP

02

DHIREN VYAS
PROJECT

03

EARTH INFINITY
PROJECT

04

SAKAR
PROJECT

ARCHITECTURAL STUDIES

05

SEMESTER 1

06

SEMESTER 2

07

SEMESTER 3

08

SEMESTER 4

09

SEMESTER 5

10

SEMESTER 6

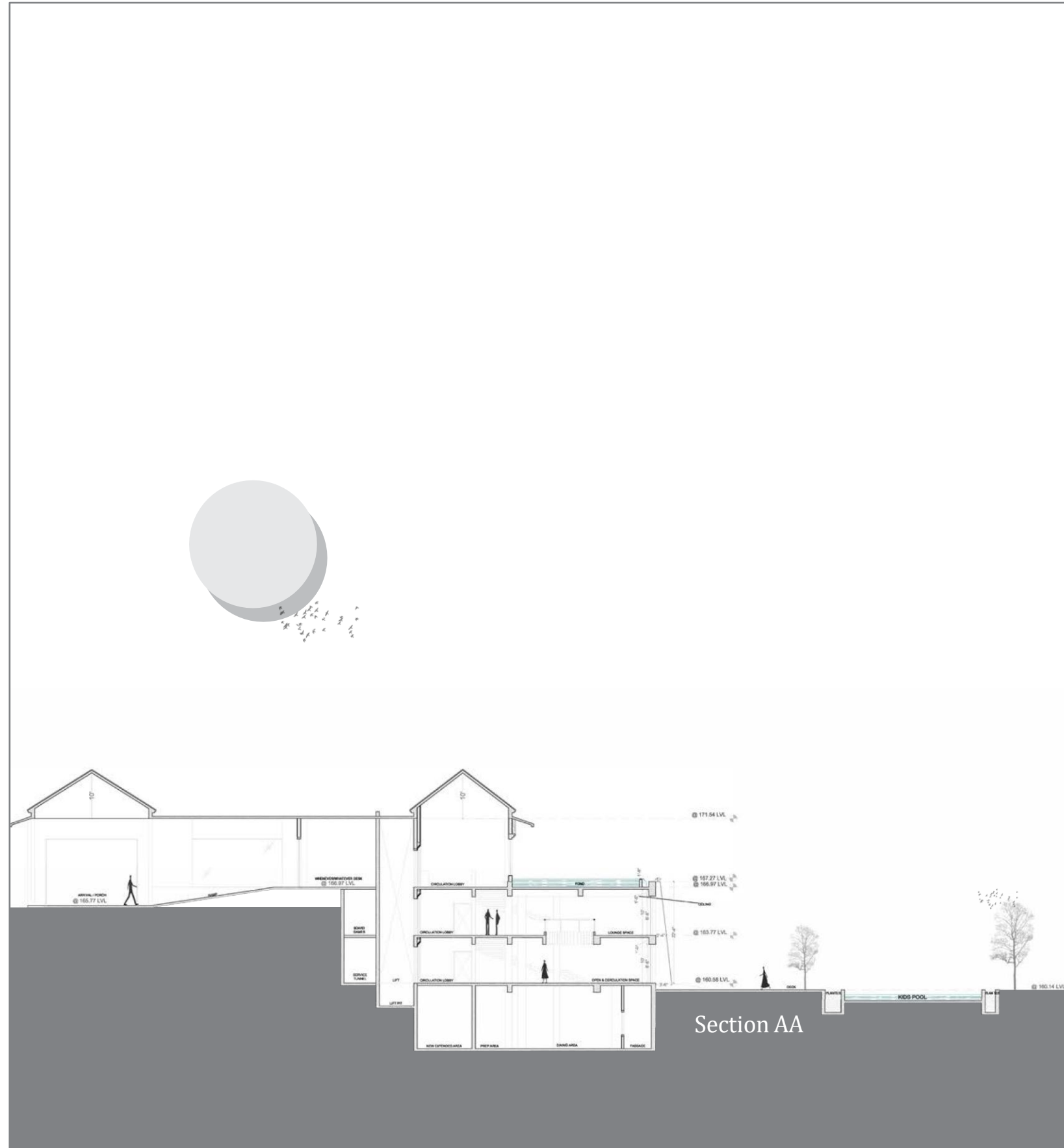
01

EKAAYA RESORT BY ITC, UDAIPUR

Site Location: Udaipur, Rajasthan, India
 Project Type: HOSPITALITY ARCHITECTURE
 Site area: 106 ACRE
 Built-up area: 17,000 SQ. M.

The site is located on the undulating landscape of the Aravalli Hills, near Eklingji, Rajasthan. The property is spread over 106 acres which offer 130 rooms. Every room opens to a beautiful view of the panoramic Aravalis bringing fine modern heritage set amidst an uninterrupted landscape.

The velocity of the wind on the site meant that the outdoor plants had to be chosen very carefully. Local bottle palms have done better than other species. It was very difficult to procure materials for the construction, so local limestone called Kadappa was quarried for use up to the plinth level. Fly ash brick makes up the rest of the structures with the cladding of locally available Bijoliya sandstones. There are no false ceilings, with the eco-friendly roofing being insulated from extreme temperatures.



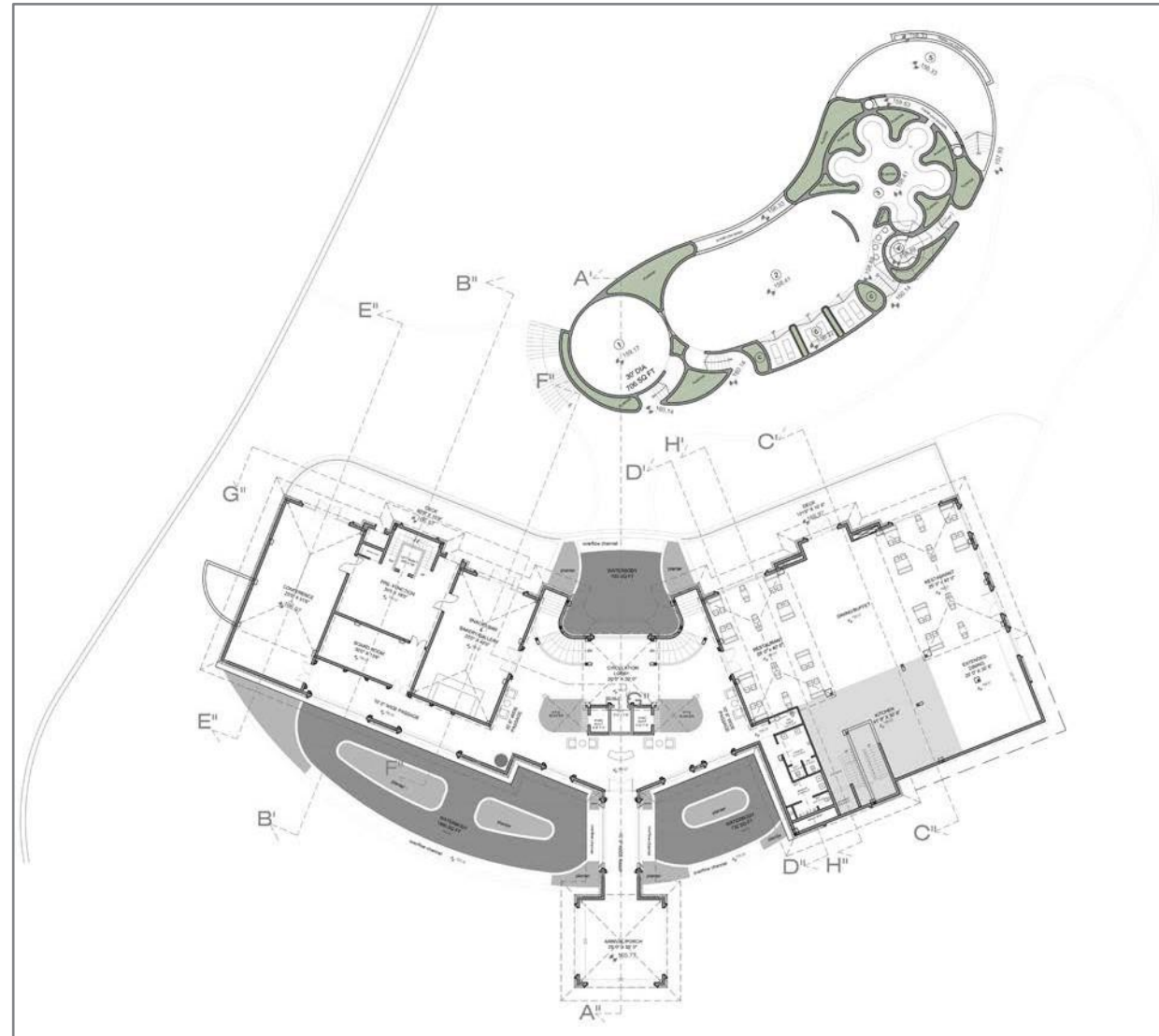
Drawings

A massive 25,000 sq ft of total covered meeting spaces are backed by ITC Hotels. From the sprawling ballroom, vast pre-function, multi-break-out rooms, green rooms, and open garden spaces of over five acres, Ekaaya, Udaipur makes for the perfect destination wedding.

The accommodation at Ekaaya is spread across the green acres in clusters. Each of these clusters comes with an exclusive pool, personal deck for barbeques and private parties. With the emerging trend of families and friends traveling together and guests preferring to holiday in a small group with their close ones, the Ekaaya accommodation designs lend to greater customization.

SCOPE OF WORK:

- Site Analysis
- Case Study
- Concept Development
- Presentation Drawings
- 3D/Sketches
- Working Drawings
- Master Planning
- Landscape Design
- Site Development
- Incorporation and coordination of MEP Services (Mechanical/Electrical/Plumbing)
- Interior Drawings
- Site Visits & Client Meetings



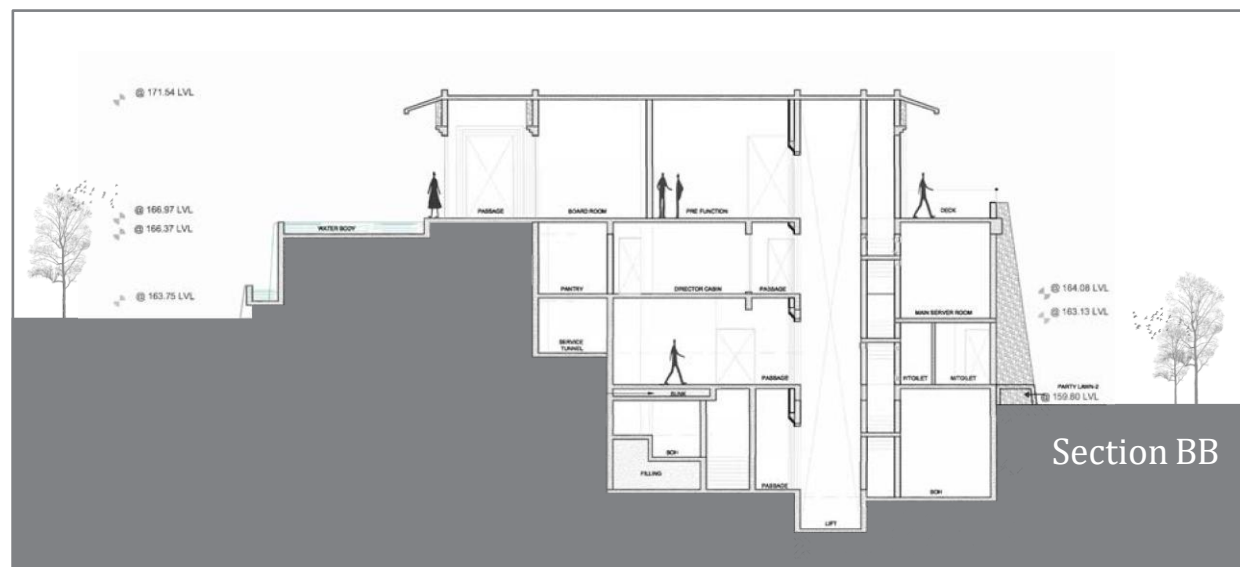
First Floor Plan

Ekaaya, a 130-room hotel located on a 106-acre plot overlooking the Aravallis in Udaipur.

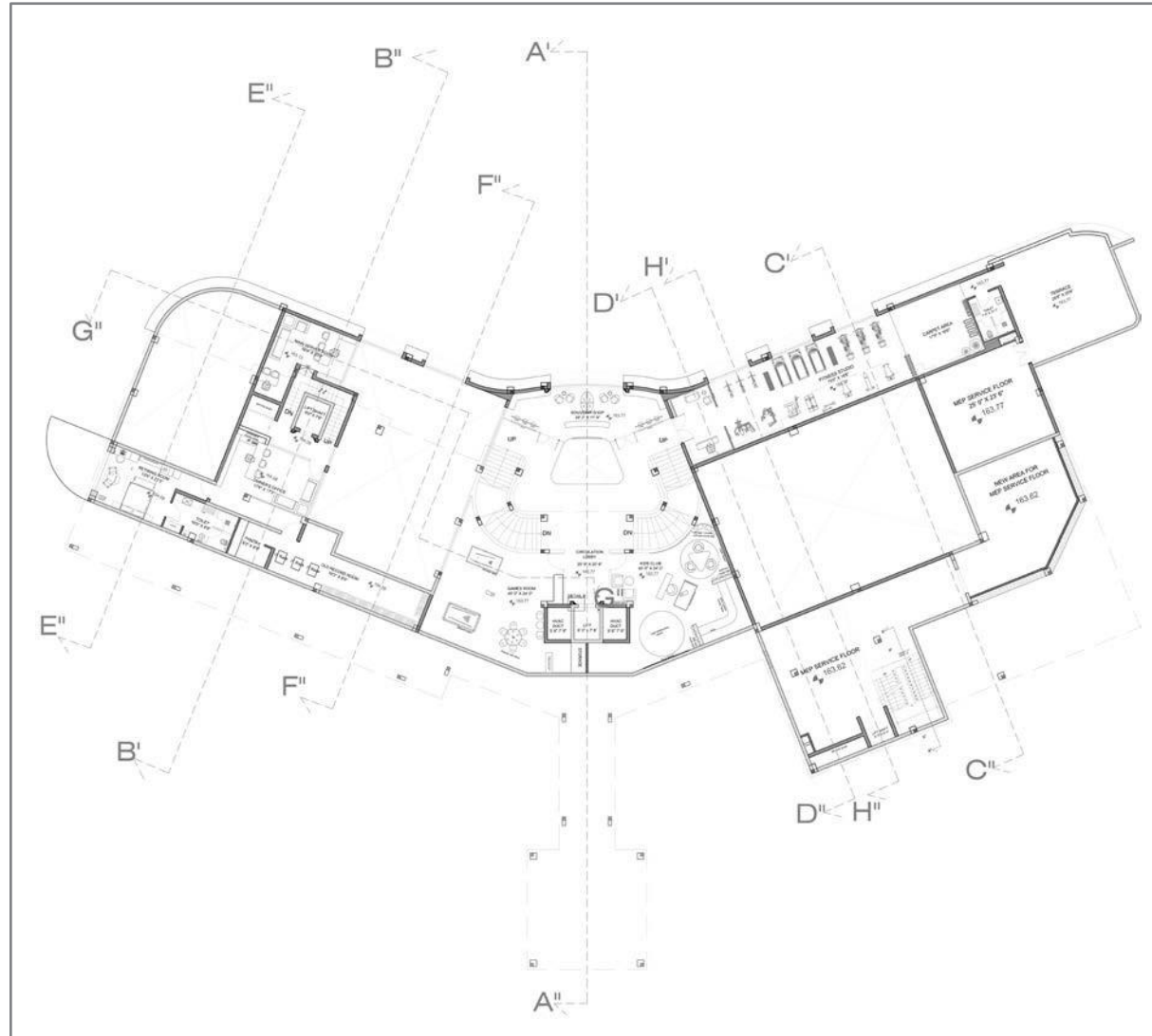
In view of Udaipur’s growing popularity as a wedding destination, Ekaaya is being billed as an ideal setting for one. It offers 25,000 sq.ft. of covered meeting spaces with a sprawling ballroom, vast pre-function areas, multiple breakout rooms, green rooms, and open garden spaces spread over five acres.

The rooms at Ekaaya are spread across the green acres in clusters. Each of these clusters comes with an exclusive pool as well as personal decks for barbecues and private parties. “With the emerging trend of families and friends travelling together and guests preferring to holiday in small groups with their close ones, the Ekaaya accommodation designs lend themselves to greater customization

Ekaaya’s facilities for guests include a gym and spa spread over 7,500 sq. ft., a 1,000 sq. ft. Ollies Club for young adults, and a temperature-controlled swimming pool. The luxury hotel’s other attractions will be ITC’s famous food and beverage spread, topped up by the celebrated vegetarian restaurant, Royal Vega, and the



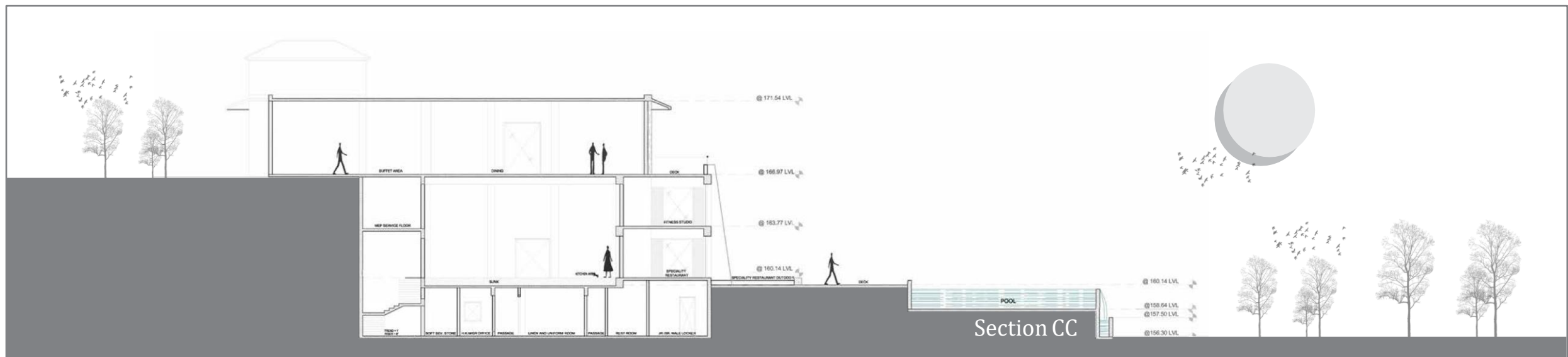
Section BB



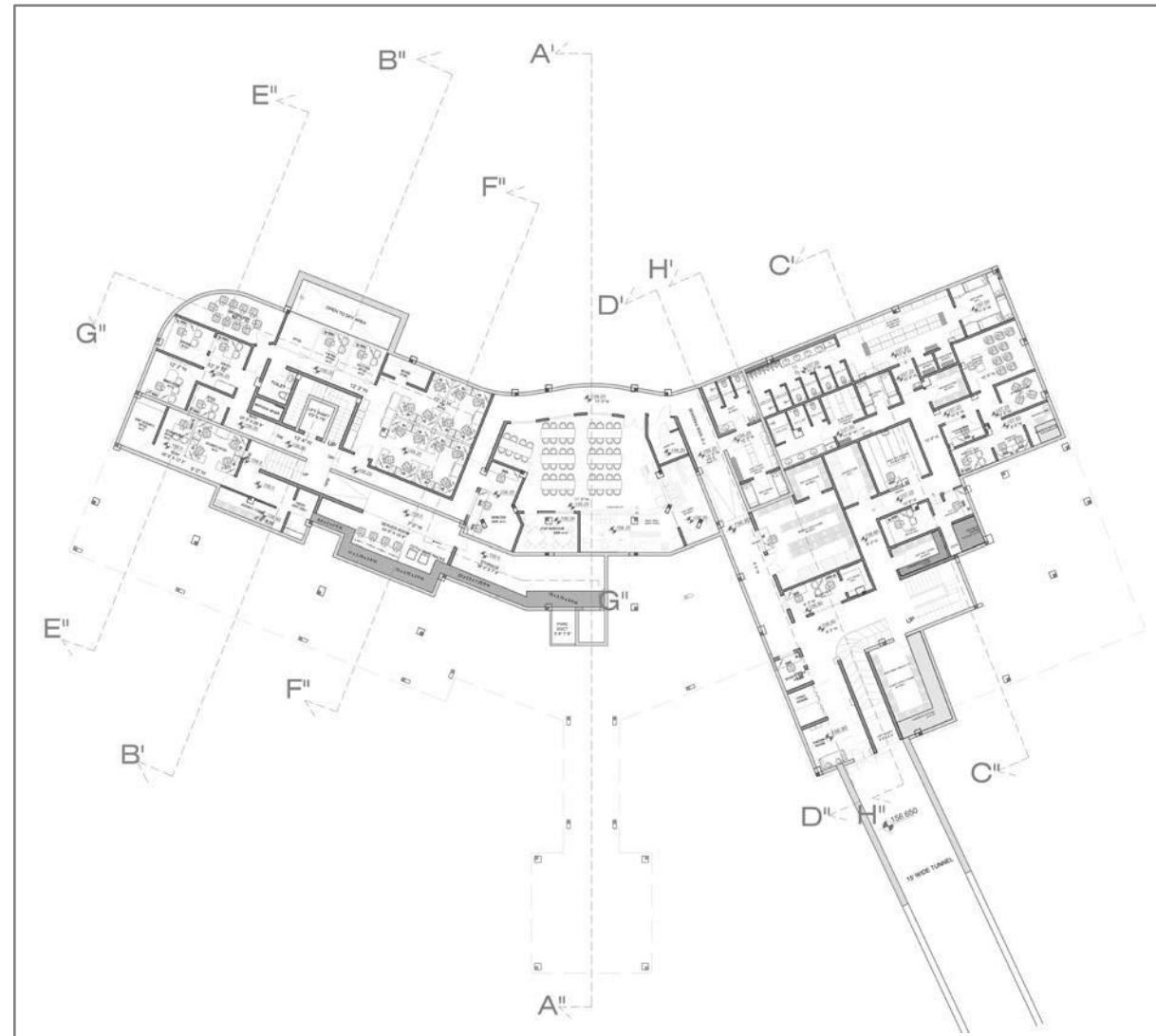
Second Floor Plan



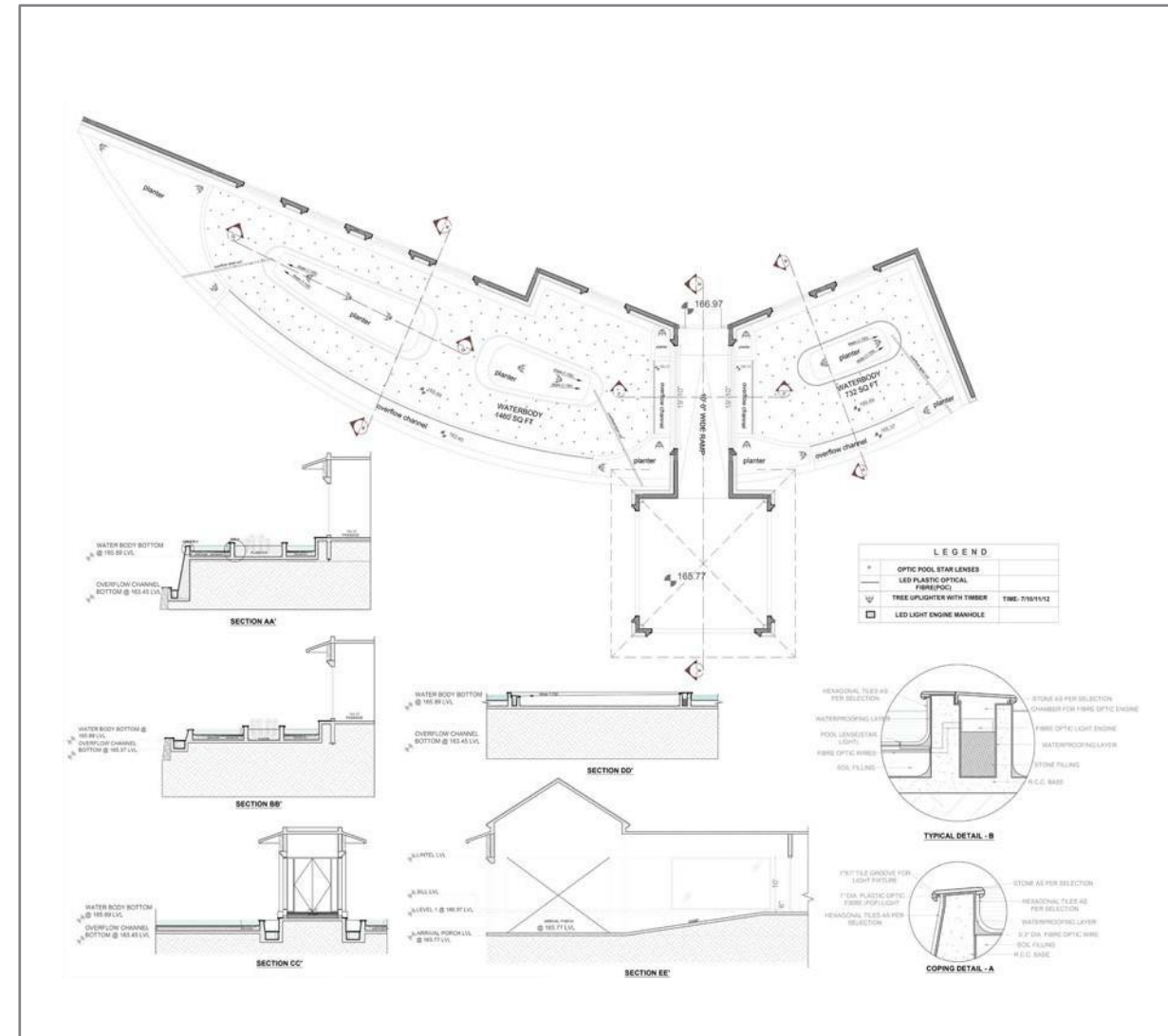
Third Floor Plan



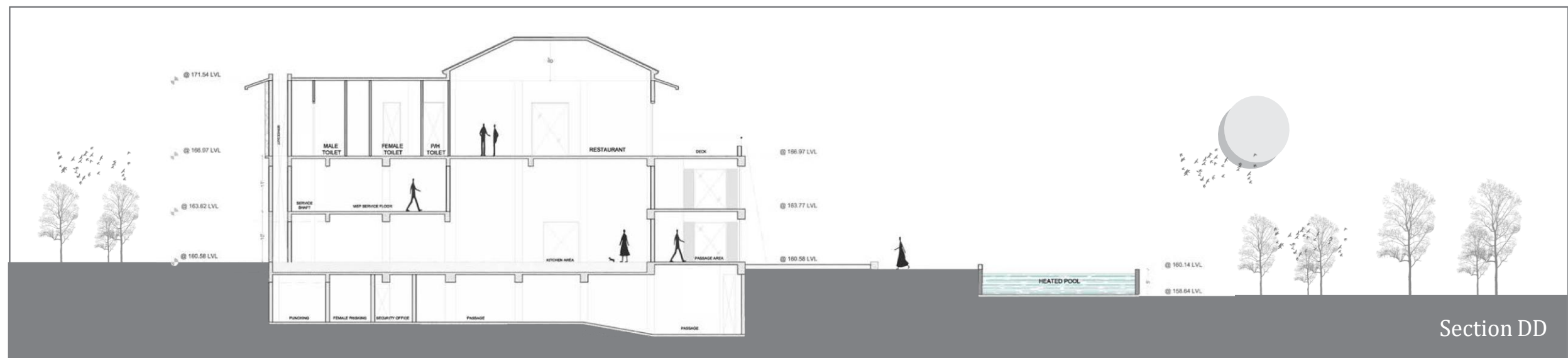
Section CC



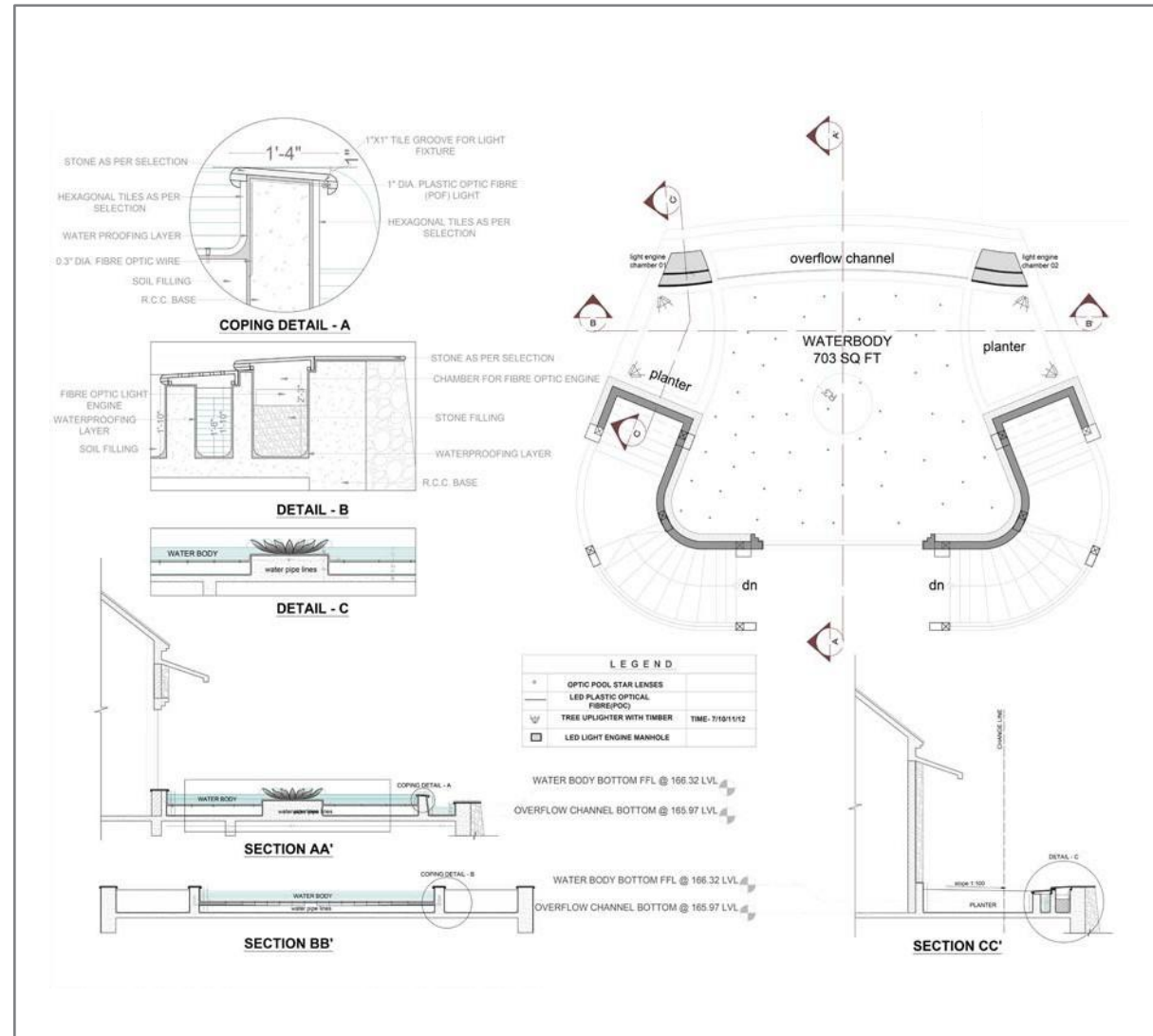
Fourth Floor Plan



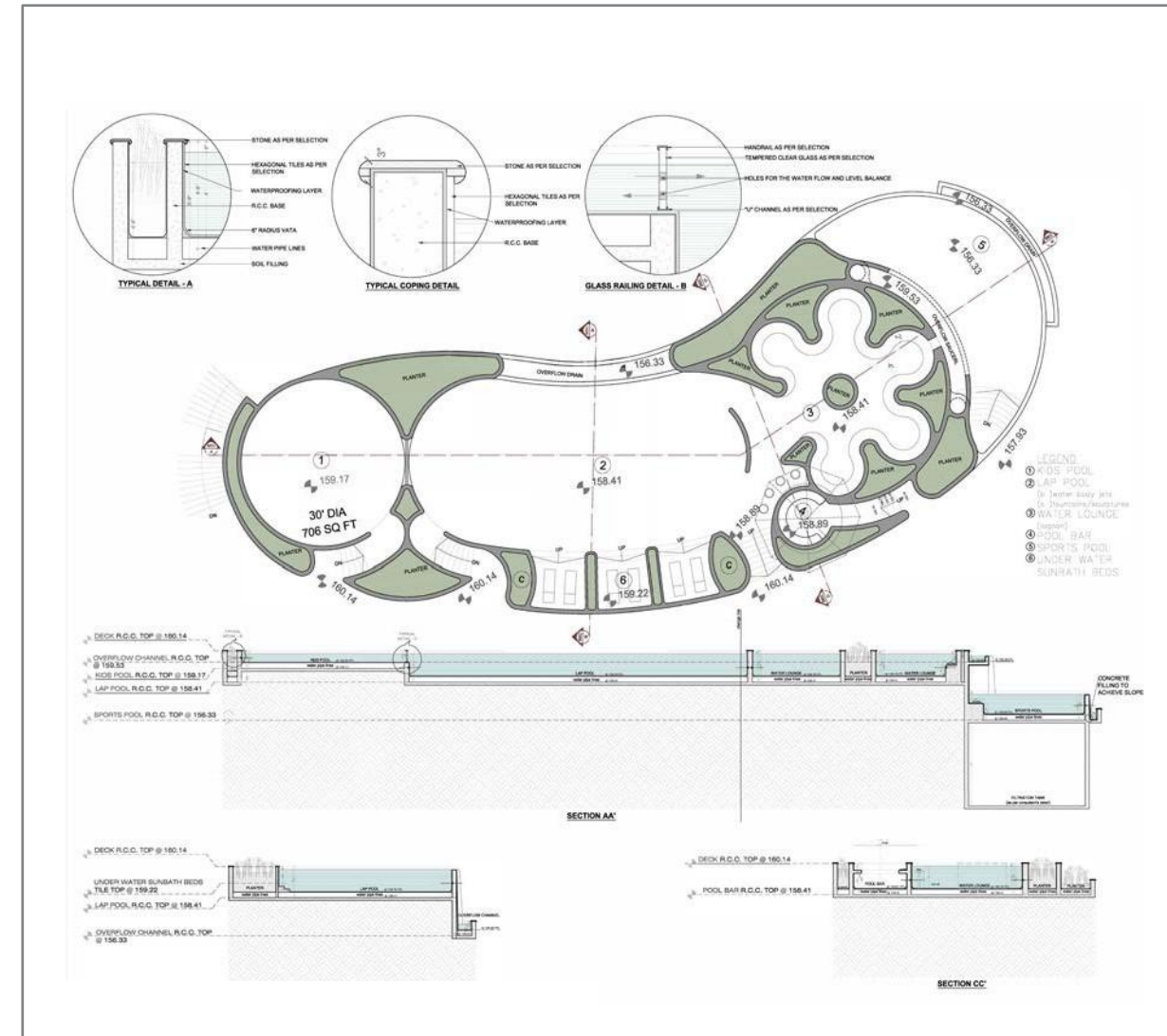
Water Body Detail Drawing 01



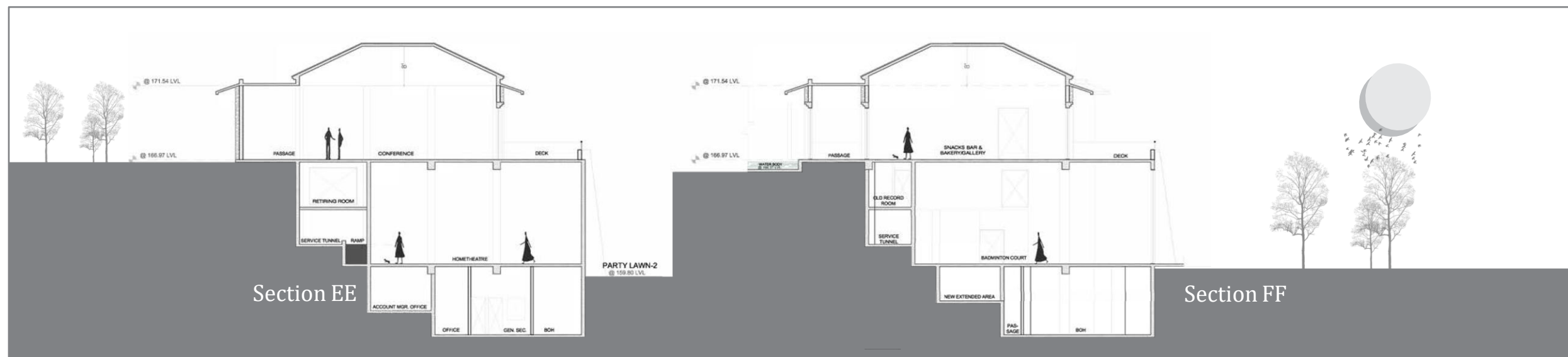
Section DD



Water Body Detail Drawing 02

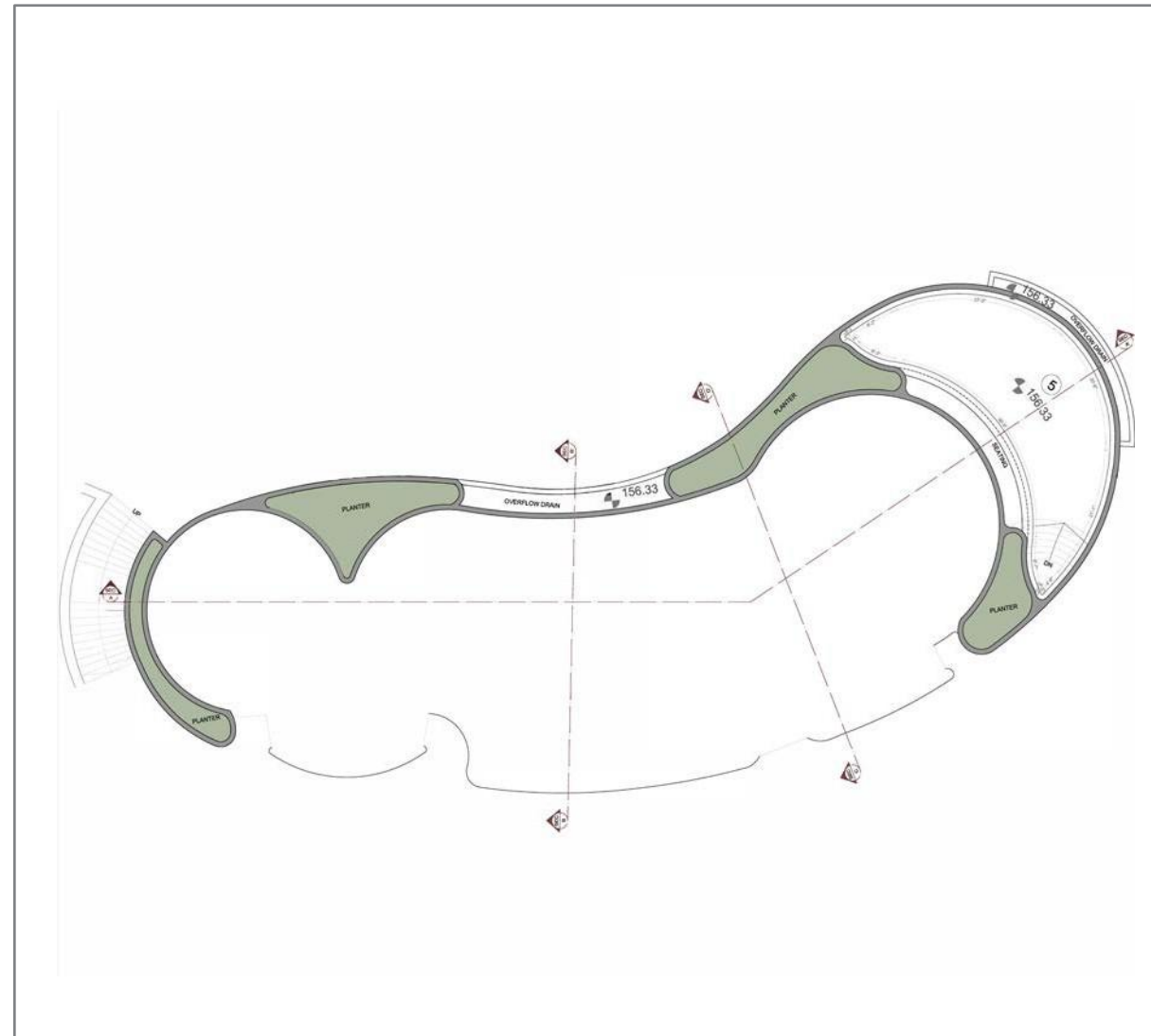


Main Pool Upper Level Detail Drawings

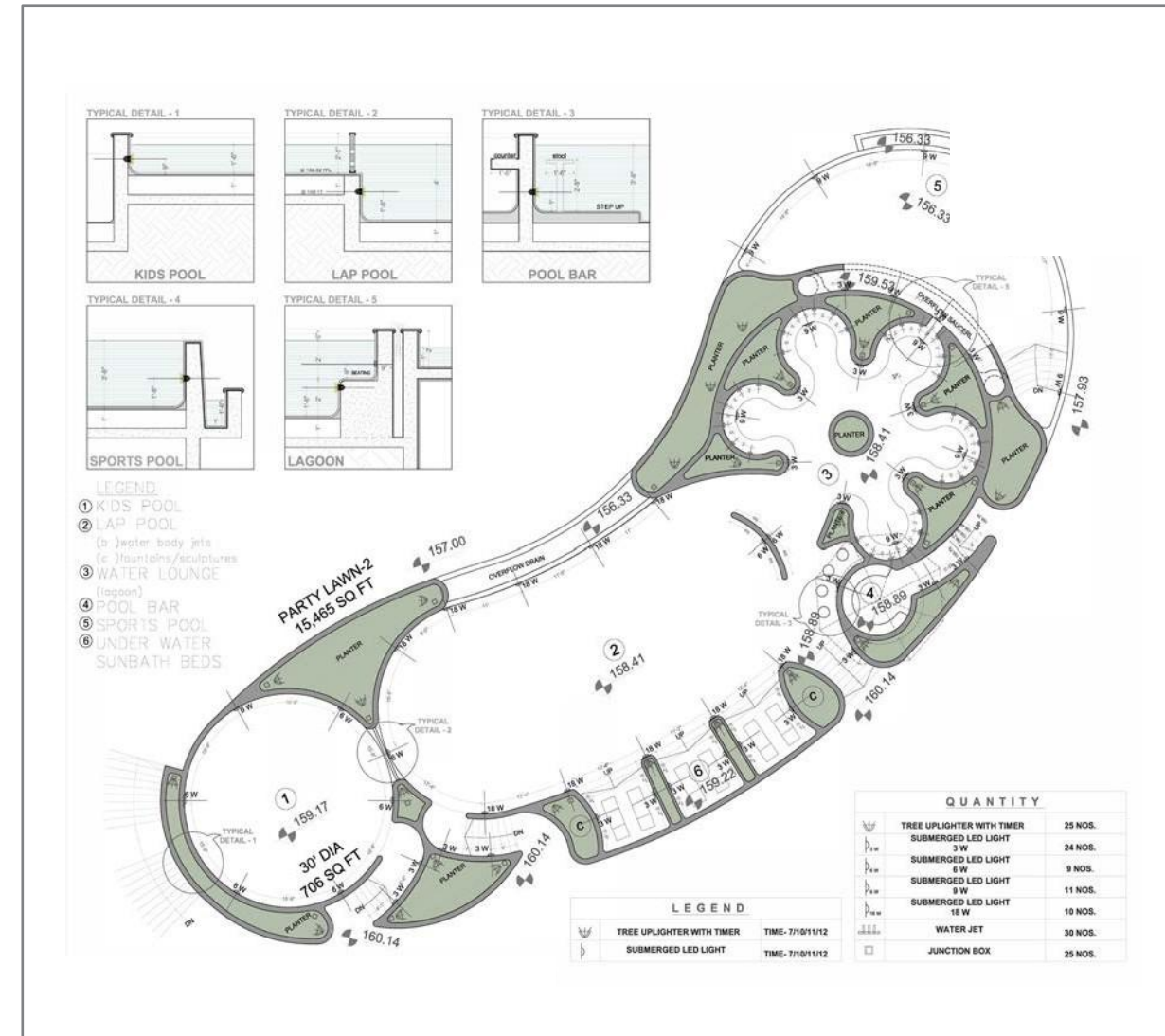


Section EE

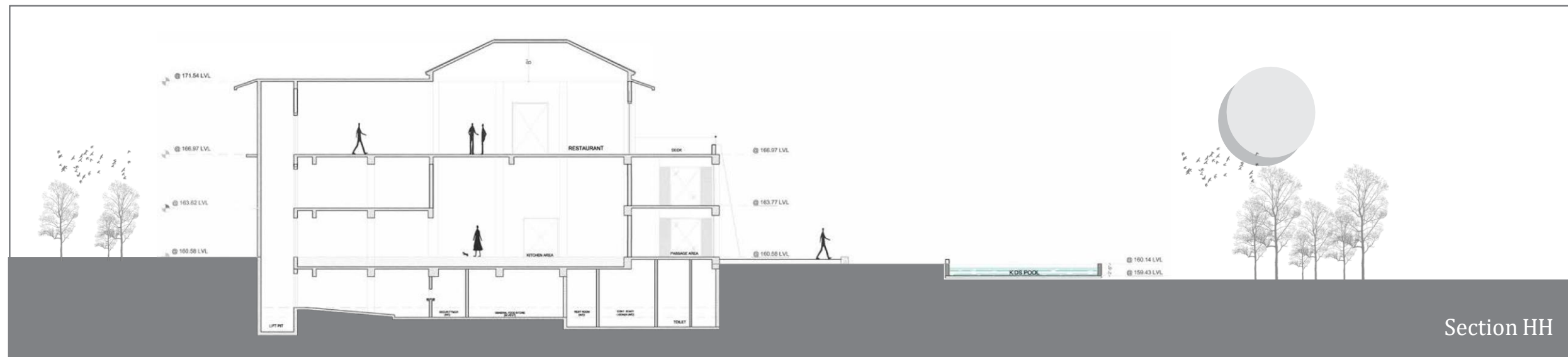
Section FF



Main Pool Lower-Level Detail Drawing



Main Pool Electrical Layout

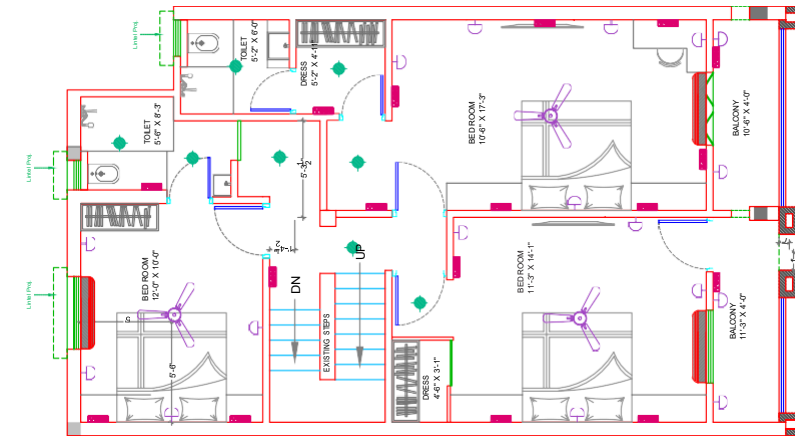


Section HH

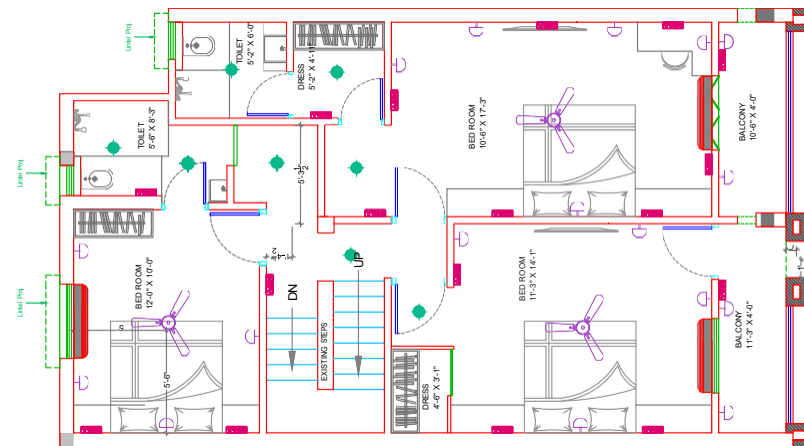
02

DHIREN VYAS PROJECT

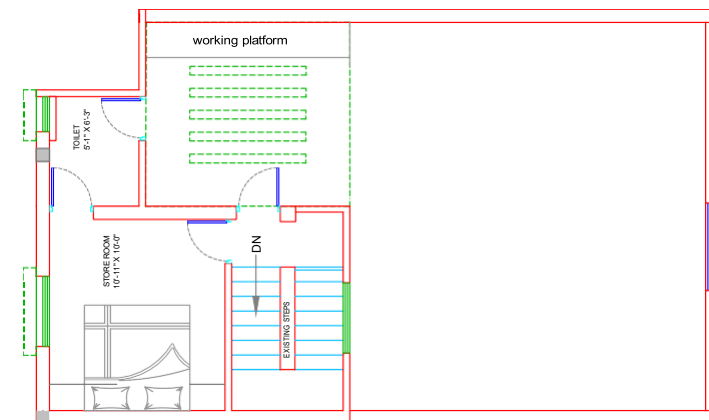
Site Location: Udaipur, Rajasthan, India
 Project Type: RESIDENTIAL



Electrical Ground Floor Plan



Electrical First Floor Plan



Electrical Terrace Floor Plan

LEGENDS	
	SWITCH BOARD WITH 6AMP P.P.P
	BRACKET LIGHT POINT WITH BOX
	CEILING LIGHT POINT
	FAN POINT
	EXHAUST FAN
	TELEPHONE POINT
	FOOT LIGHT POINT
	A.C HEIGHT 8'-0" WITH 15AMP P.P POINT
	OVERSEER POINT WITH 15AMP P.P POINT
	HEIGHT 7'-0"
	BUZZER POINT
	DISTRIBUTION BOARD
	15 AMP PLUG POINT
	5 AMP PLUG POINT
	BELL POINT
NOTE: HEIGHT AT 7'-0"	
HEIGHT AT 4'-0"	

This was a detached home project for Mr. Dhiren Vyas. The house comprised of 3 floors including a terrace floor. The ground floor consists of a living room, kitchen, dining room, toilet and a temple room. It also has a small guest room for a quick rest break.

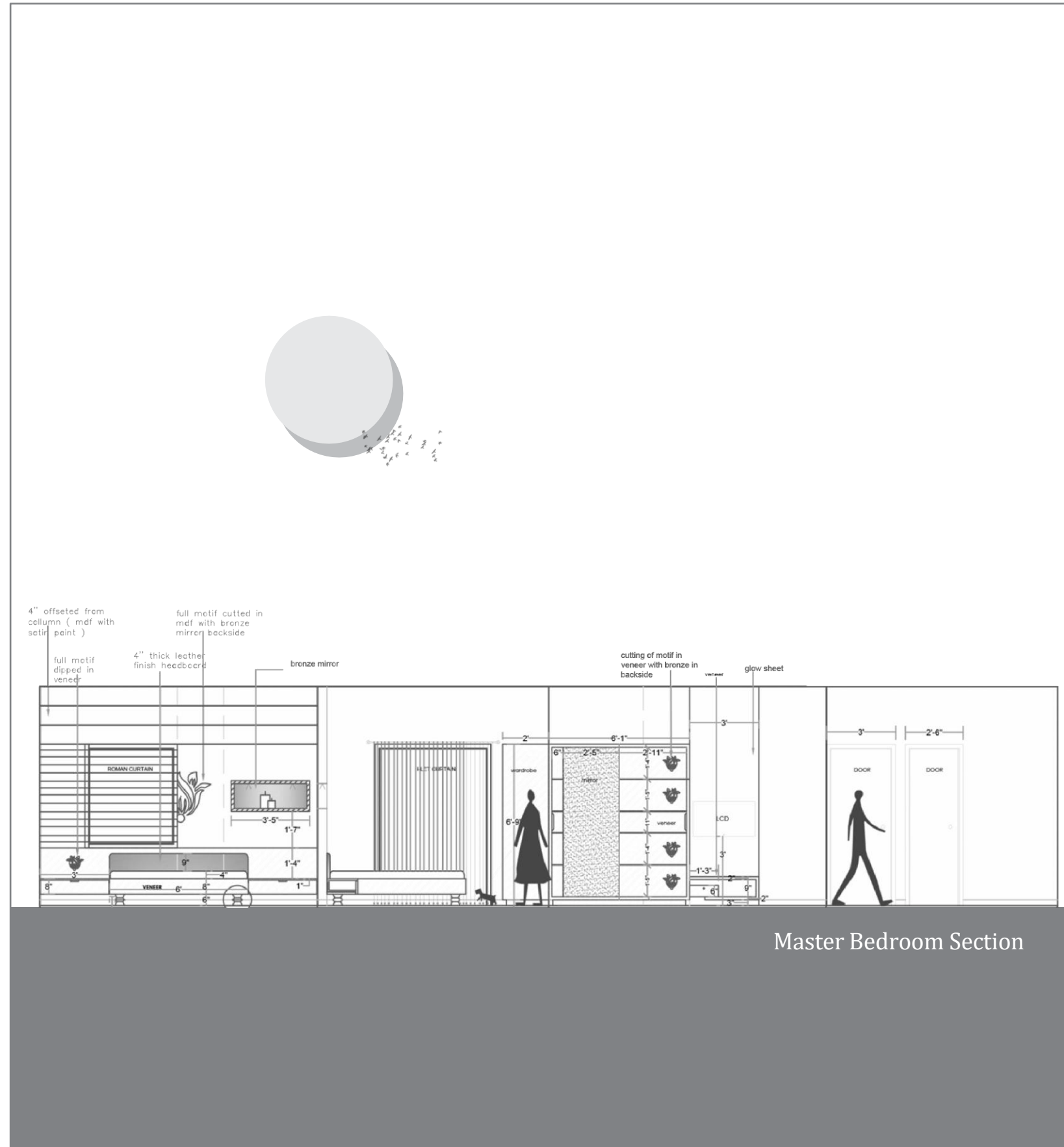
The second floor has 3 bedrooms with walk-in closets. One bedroom has an attached toilet and other toilet is common.

The third and final floor consists of a terrace, storeroom and toilet.

03

THE EARTH INFINITY

Site Location: Bhayli, Vadodara, India
 Project Type: RESIDENTIAL



Property for sale in Bhayli, Vadodara. This project, The Earth Infinity is a well-designed project by Infinity Infra. It offers Under Construction units. Set in an expanse of 1.99 Acres , the property offers a remarkable lifestyle. Available configurations include 2 BHK, 3 BHK, 4 BHK. As per the area plan, units are in the size range of 1040.0 - 2655.0 sq.ft.. Infinity The Earth Infinity was launched in November 2015. Project possession was slated for Dec, 2019. There are 12 buildings in this project. The total number of units at The Earth Infinity is 208.

Program & Drawings

AMENITIES

Jogging Track Gymnasium Toddlers' Pool Multi-purpose Play Court Swimming Pool Children's Play Area Clubhouse with Indoor Games

Structure

- Earthquake resistant RCC frame structure as per structural design

Doors

- Elegant laminated entrance door and internal flush doors

Bathroom

- Designer tiles up to slab level with standard quality C.P. fittings

Kitchen

- Granite platform with SS sink and premium branded wall tiles, dado up to slab level

Finishing

- Internal smooth plaster with emulsion paint & external plaster with 100% acrylic paint

Windows

- Color anodized aluminum windows and natural stone sills

Flooring

- Vitrified tiles flooring in all rooms

Electrification

- Concealed ISI mark copper wiring, AC Point in master bedroom, geyser point in all bathrooms with good quality modular switches

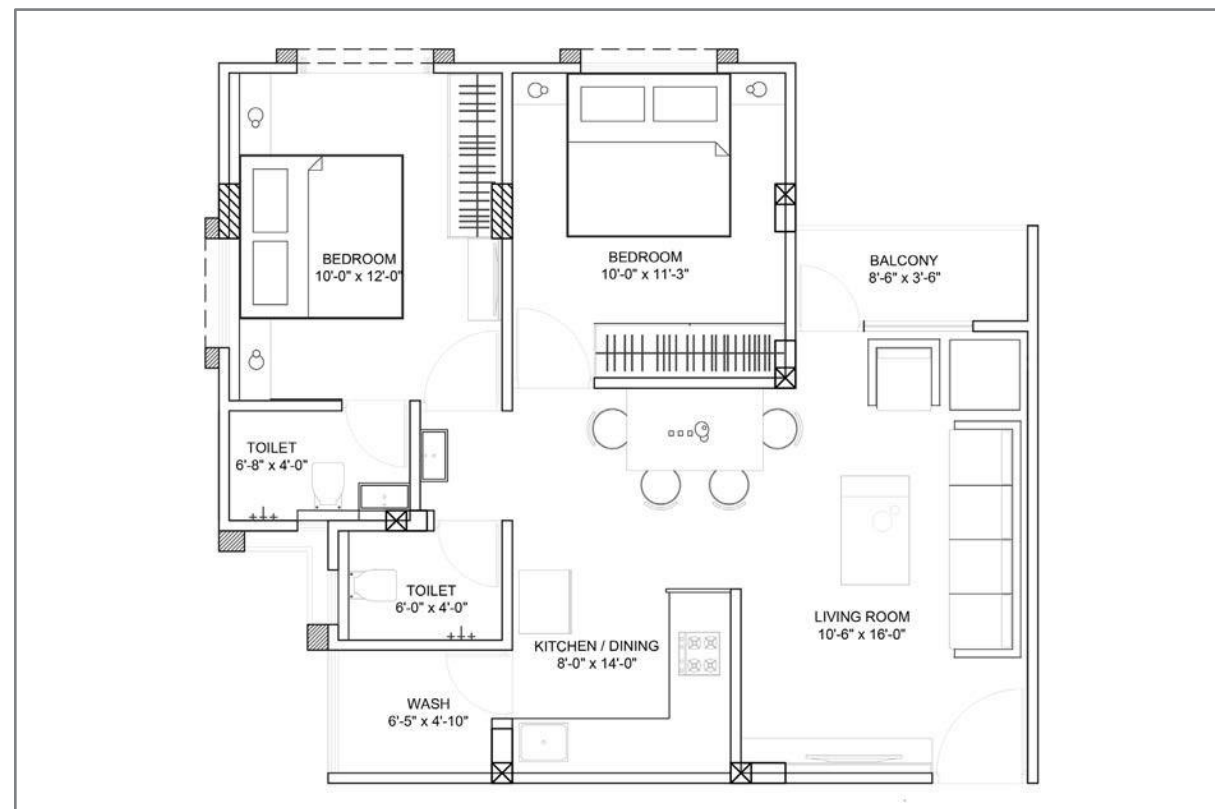
UNIT TYPE AREA

2 BHK 1040 Sq.ft. (Built Up)

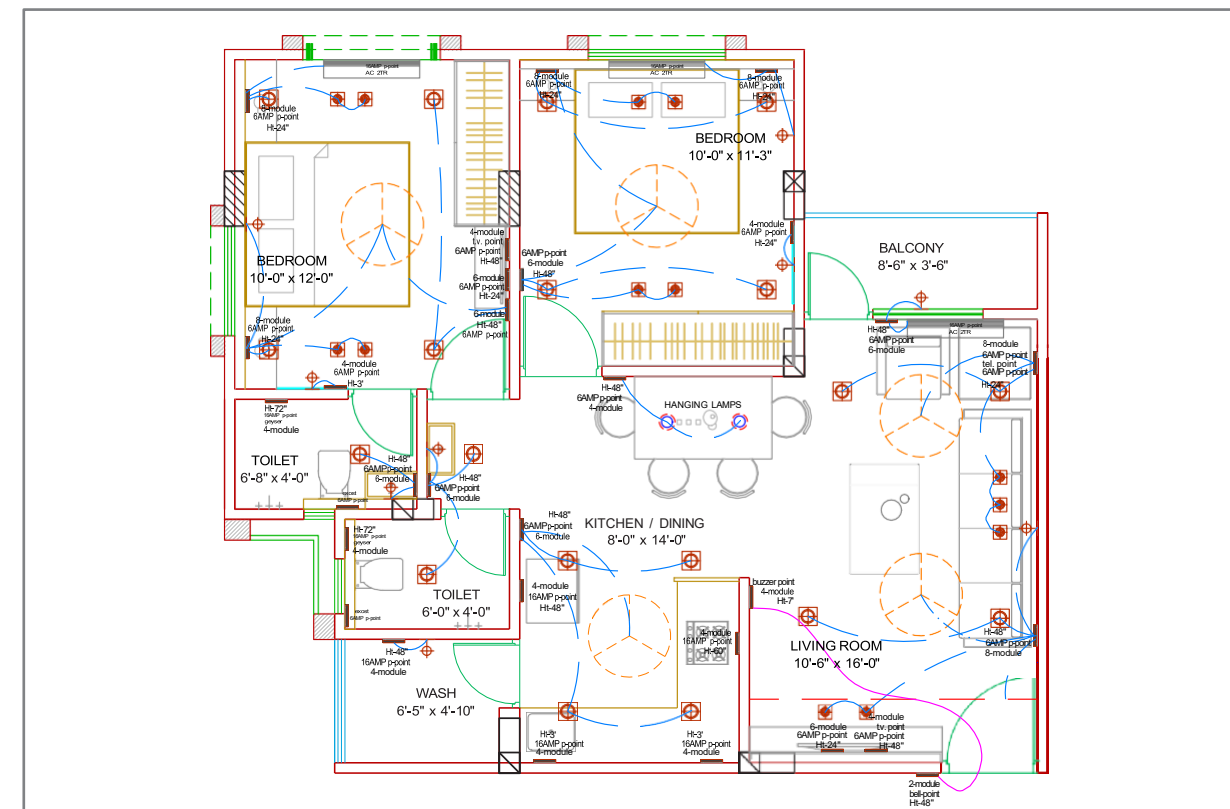
3 BHK 1385 Sq.ft. (Built Up)

3 BHK 1720 Sq.ft. (Built Up)

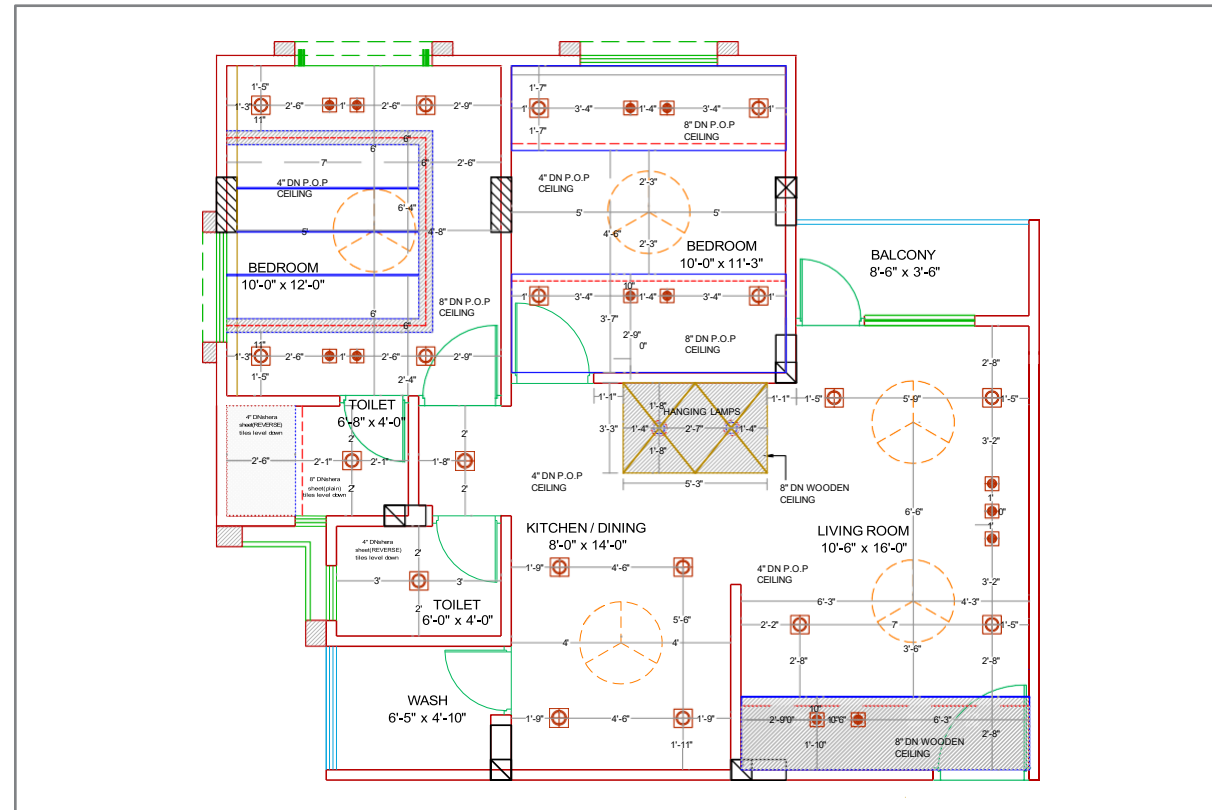
4 BHK 2115 Sq.ft. (Built Up)



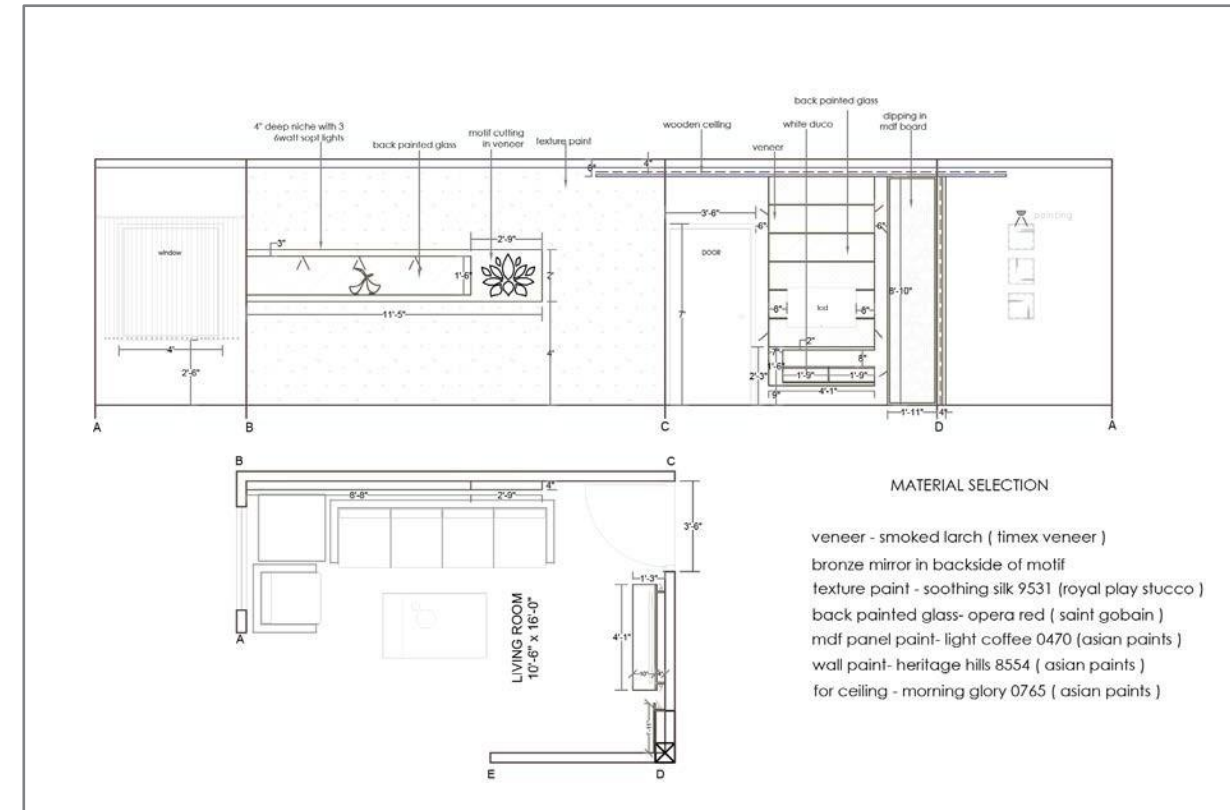
2BHK Furniture Layout Plan



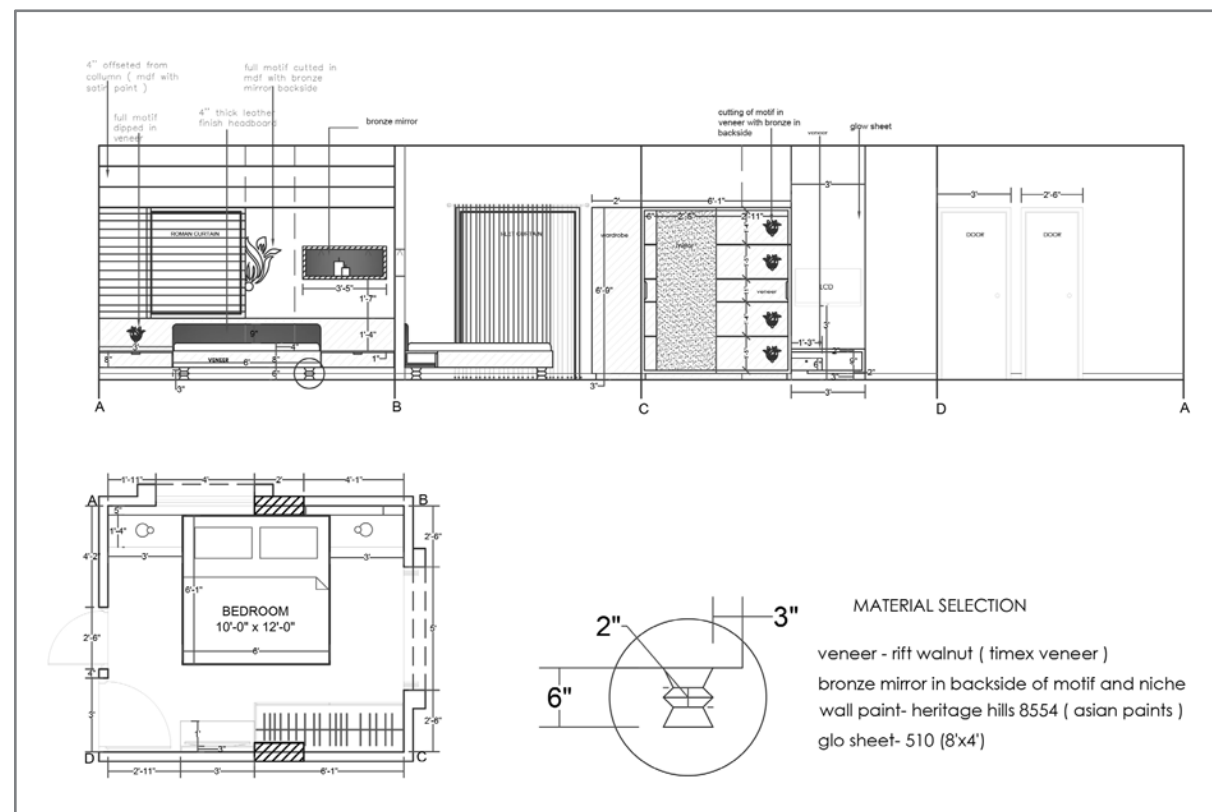
2BHK Electrical Layout Plan



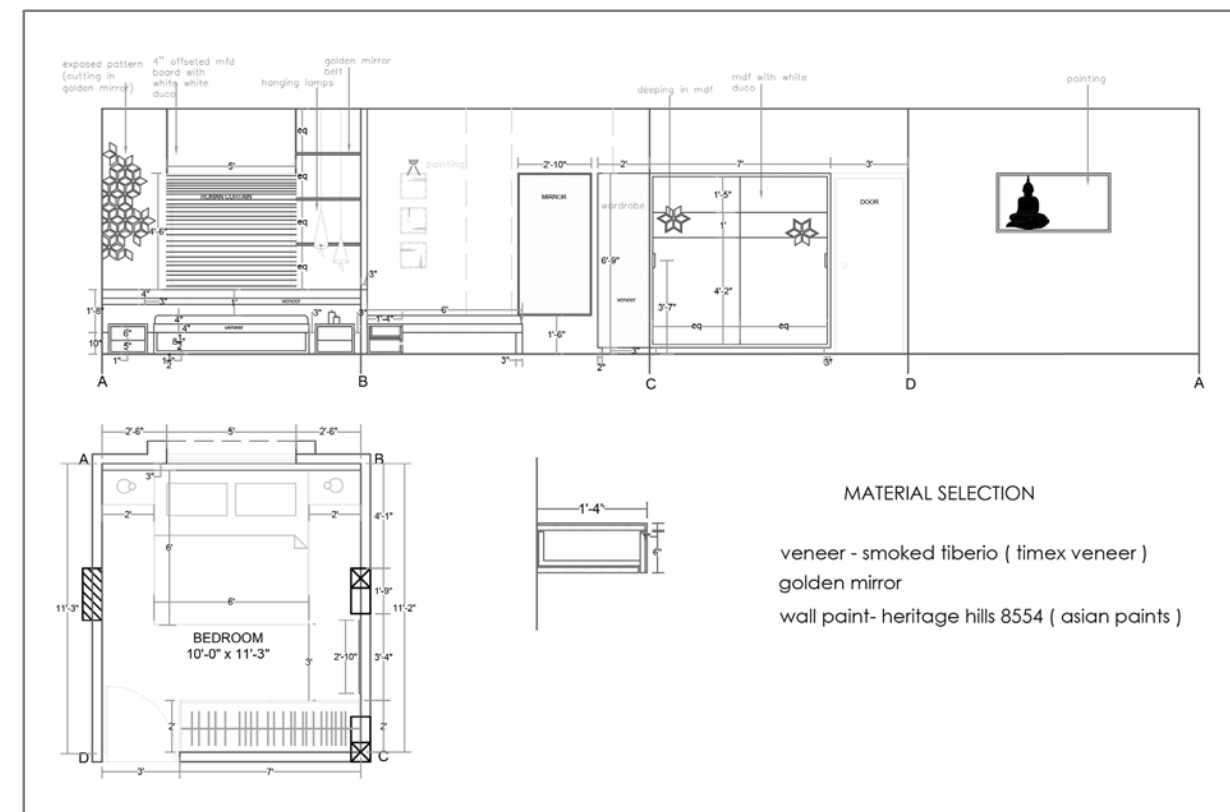
2BHK False Ceiling Detail Plan



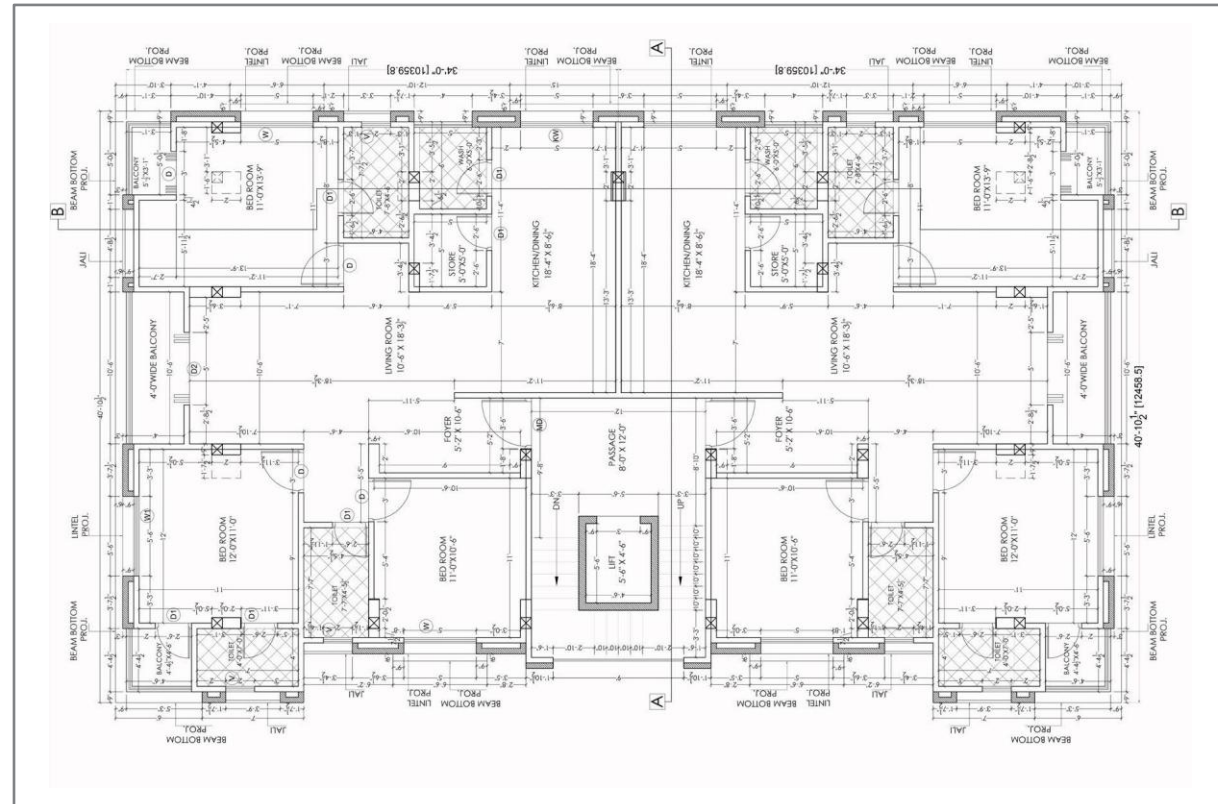
Living Room Furniture Detail Drawings



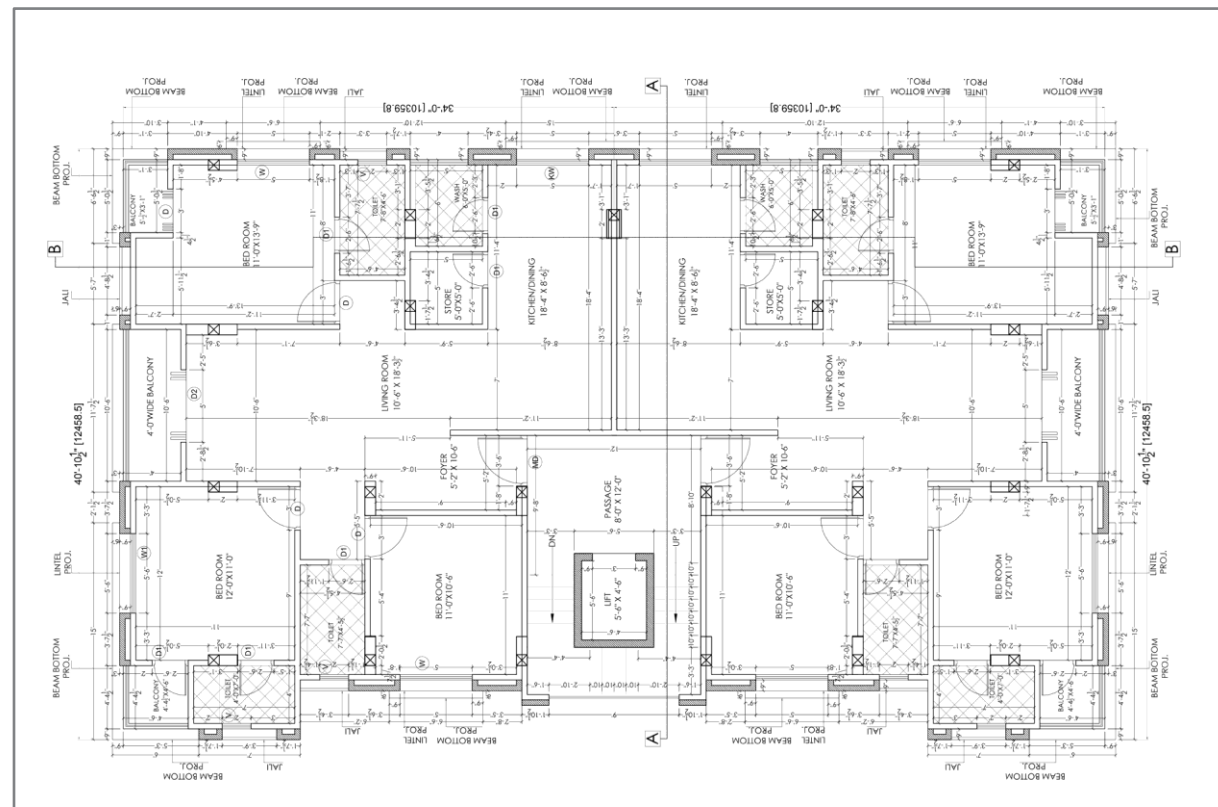
Master Bedroom Furniture Detail Drawings



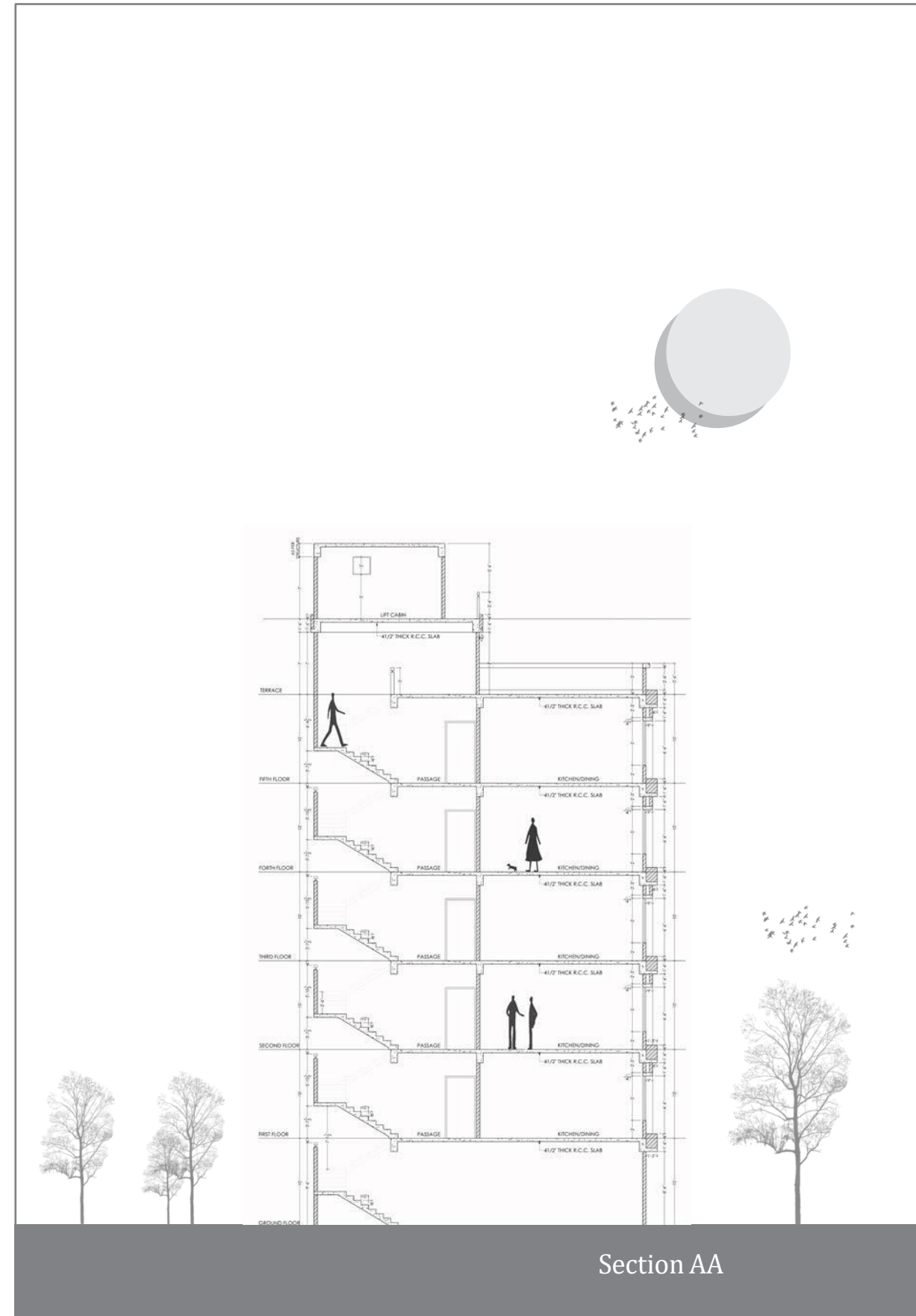
Bedroom Furniture Detail Drawings



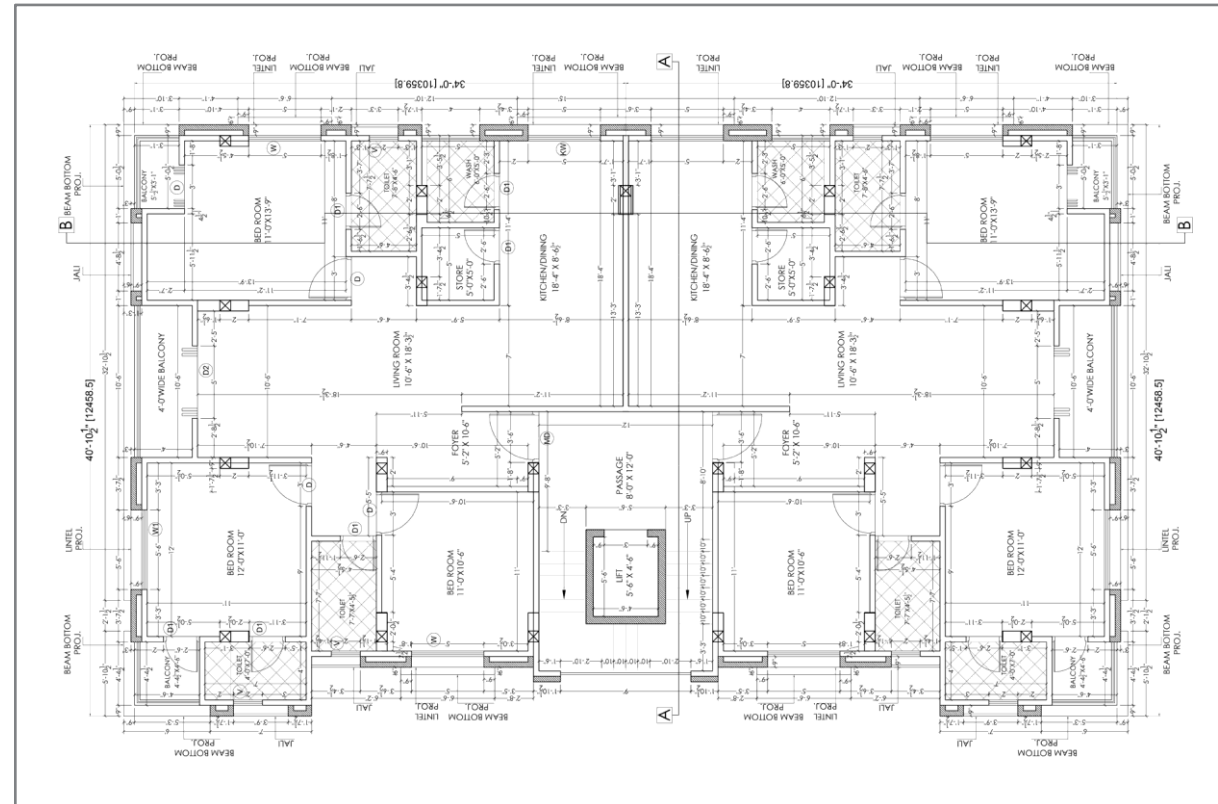
First Floor Plan



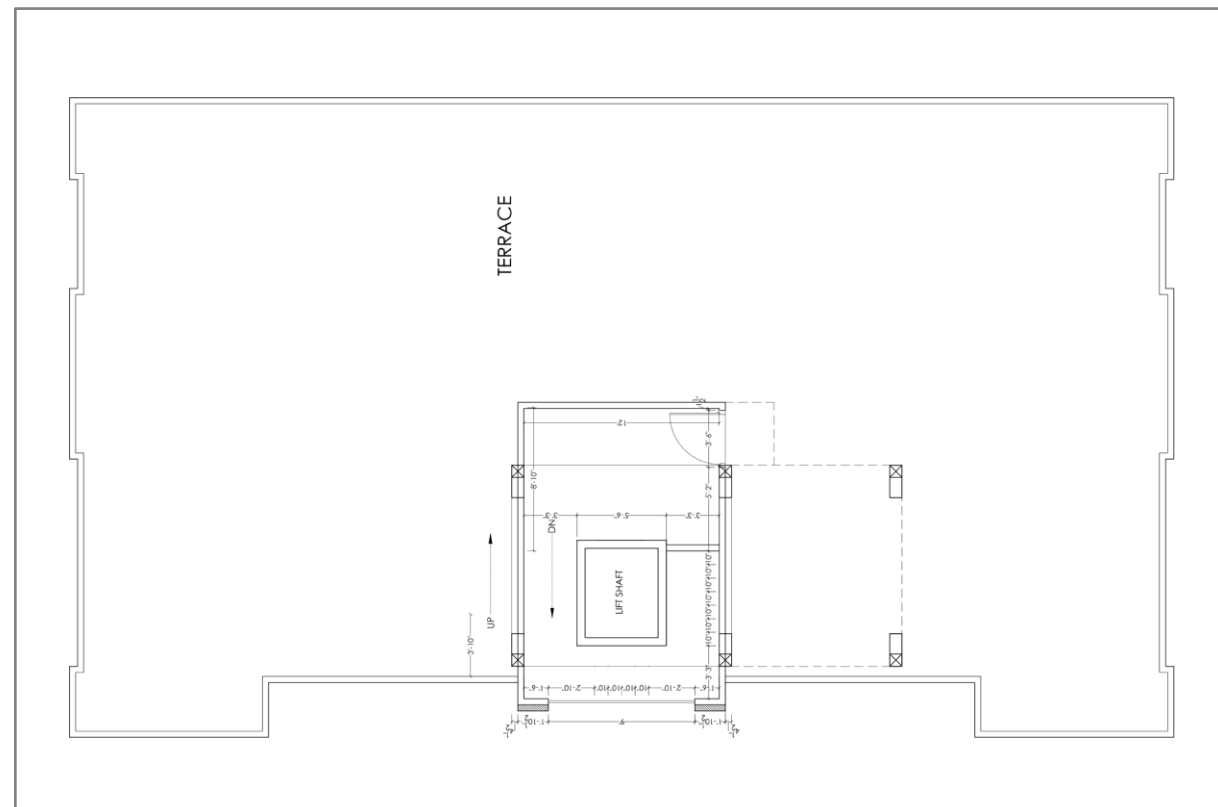
Second & Fourth Floor Plan



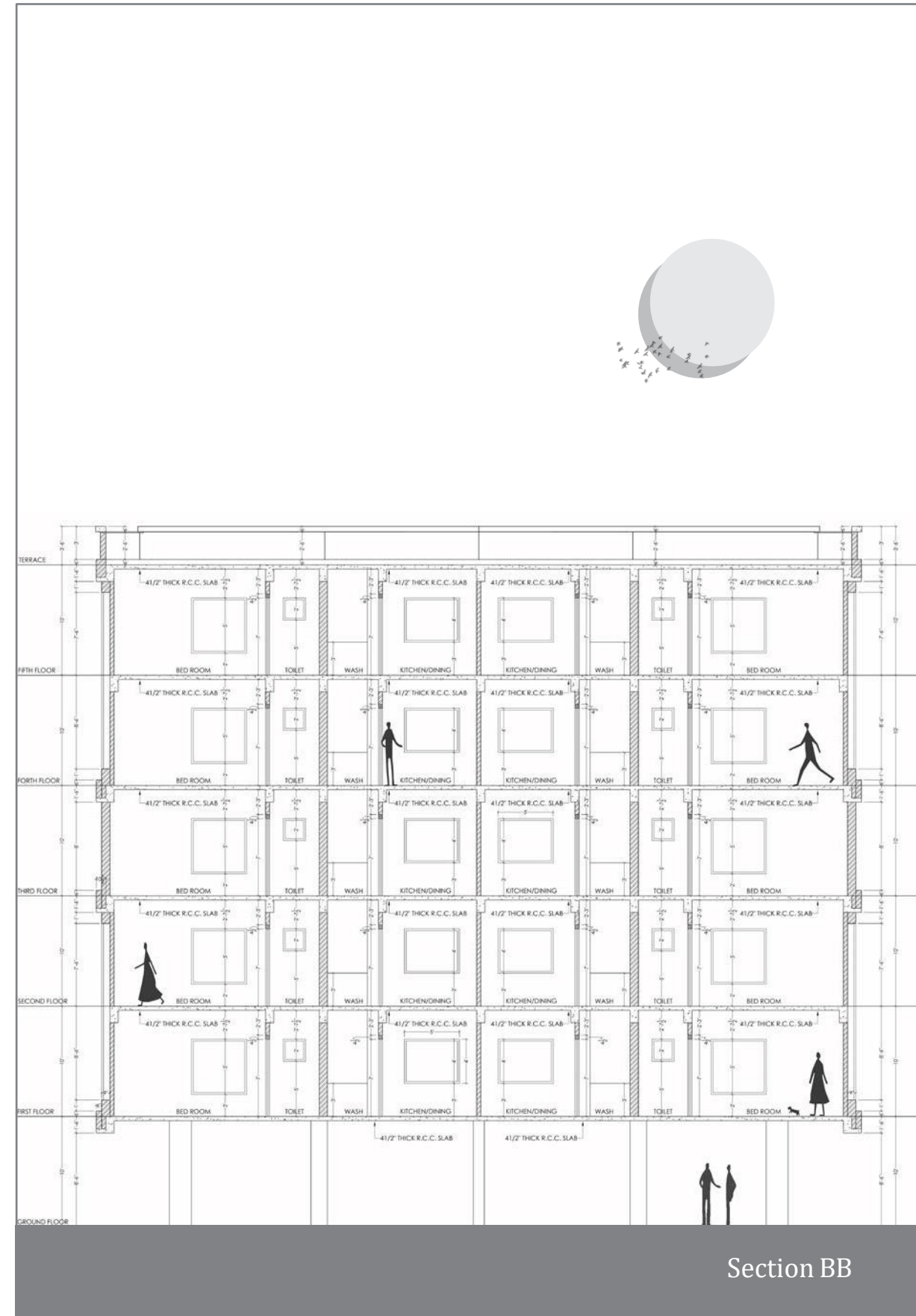
Section AA



Third & Fourth Floor Plan



Terrace and Stair Floor Plan



Section BB

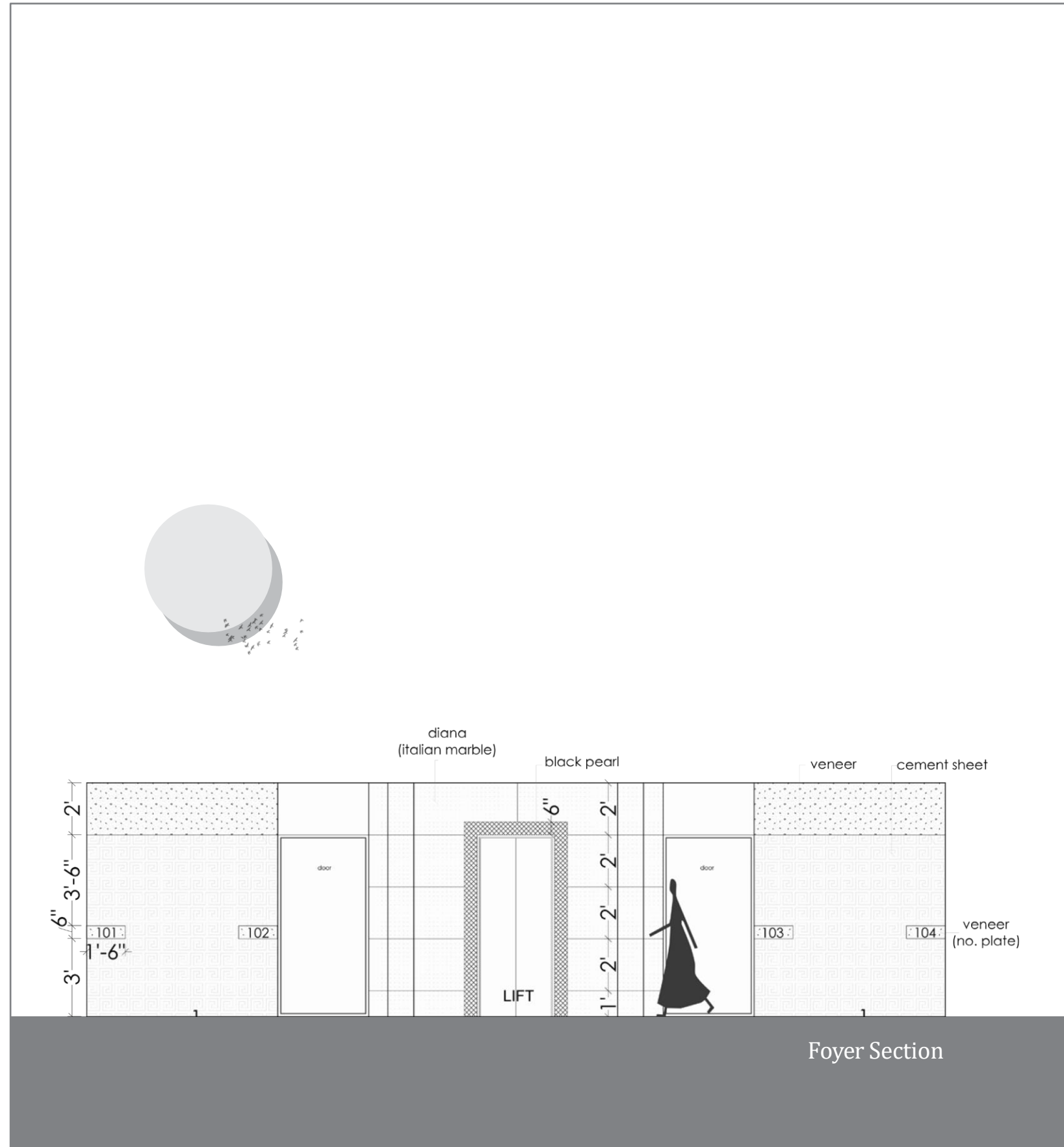
04

SAKAR PROJECT

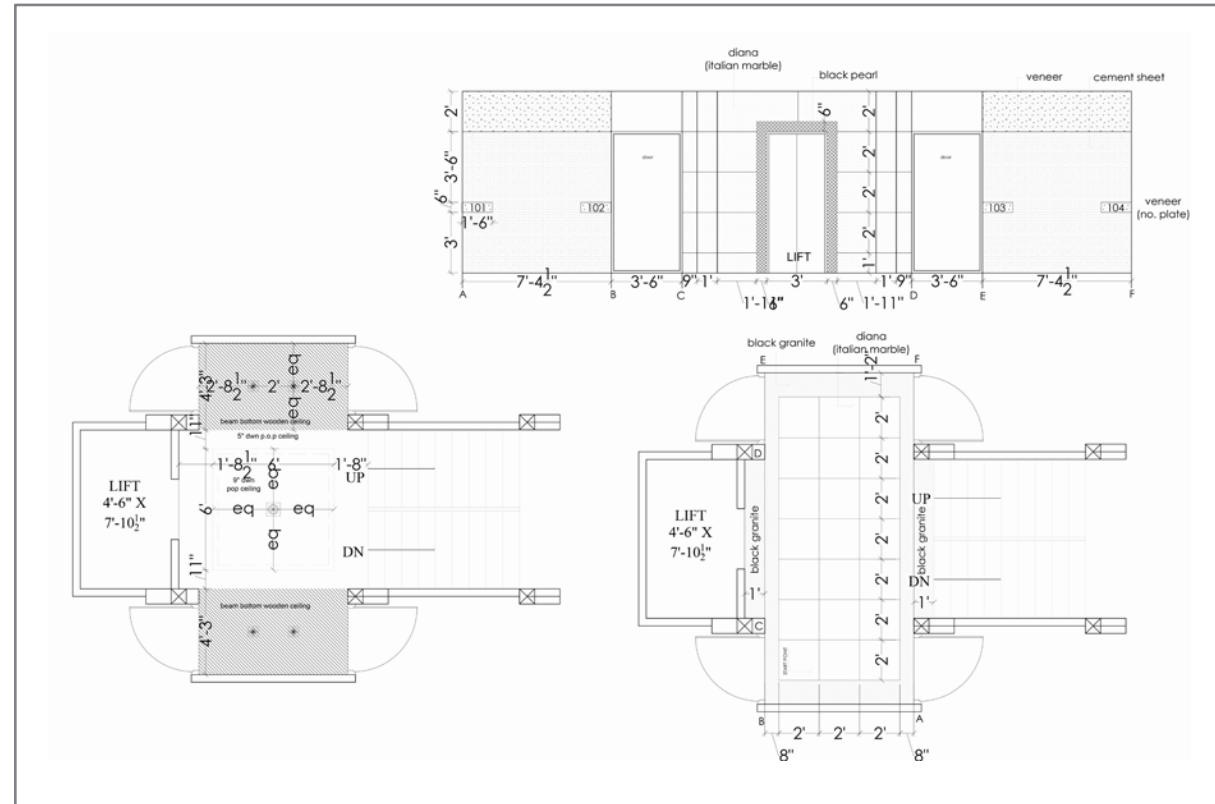
Site Location: Vemali, Vadodara, India
 Project Type: RESIDENTIAL

Saakar Splendora is an ultimate reflection of the urban chic lifestyle located in Vemali, Vadodara. The project hosts in its lap exclusively designed Residential Apartments, each being an epitome of elegance and simplicity.

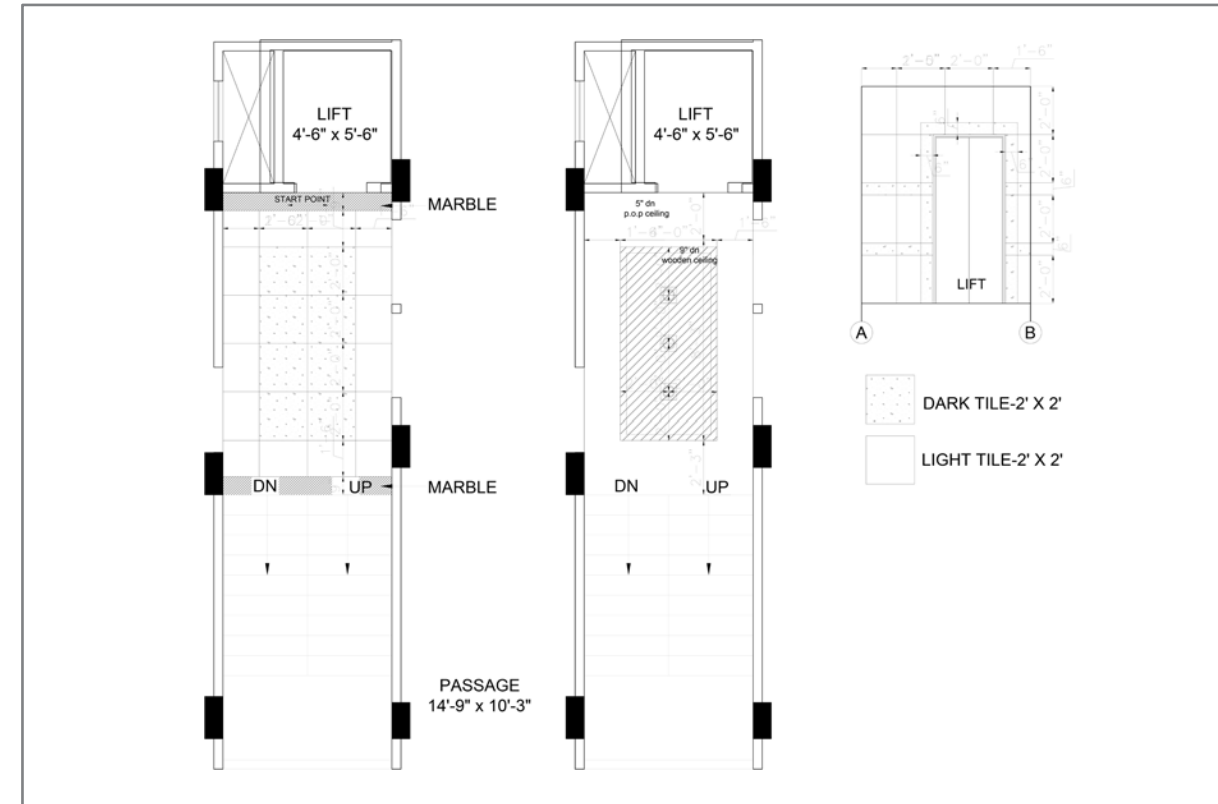
Located at Vemali in Vadodara, Abhinav Saakar Splendora is inspiring in design, stirring in luxury and enveloped by verdant surroundings. Abhinav Saakar Splendora is in troupe with many famous schools, hospitals, shopping destinations, tech parks and every civic amenity required, so that you spend less time on the road and more at home.



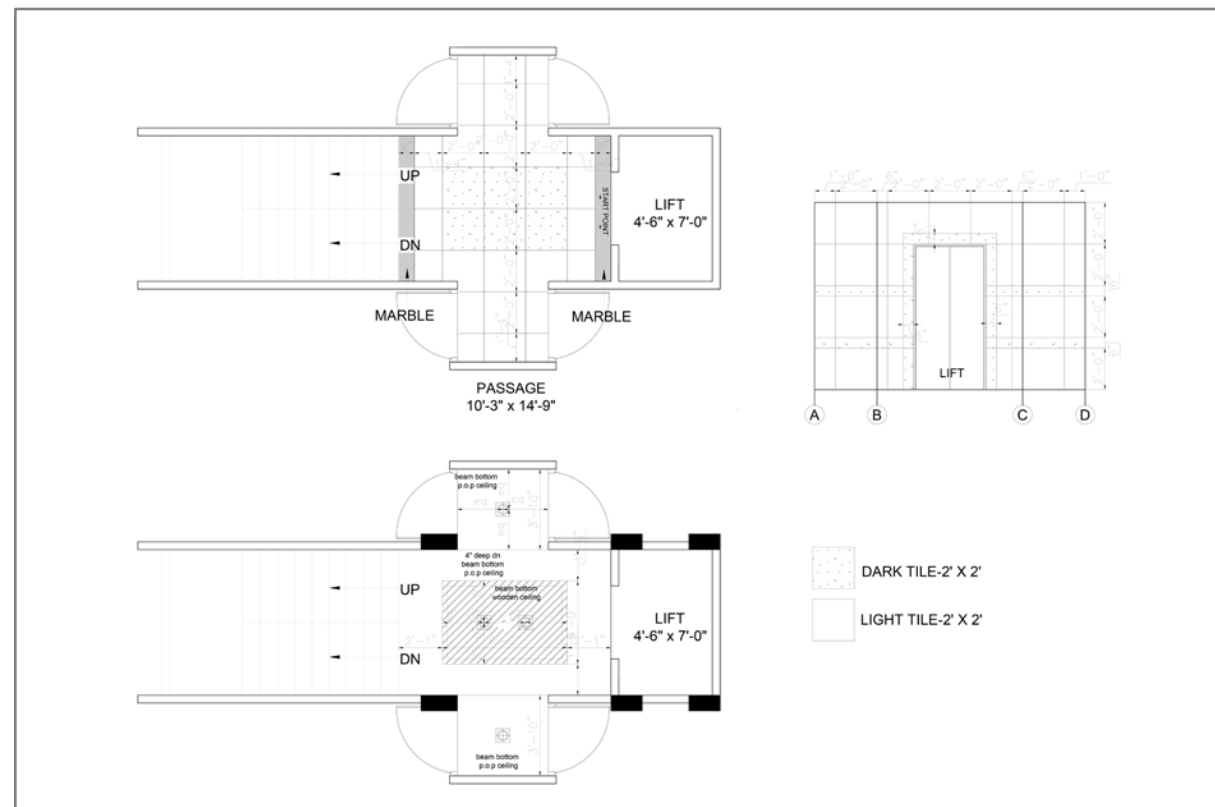
Foyer Section



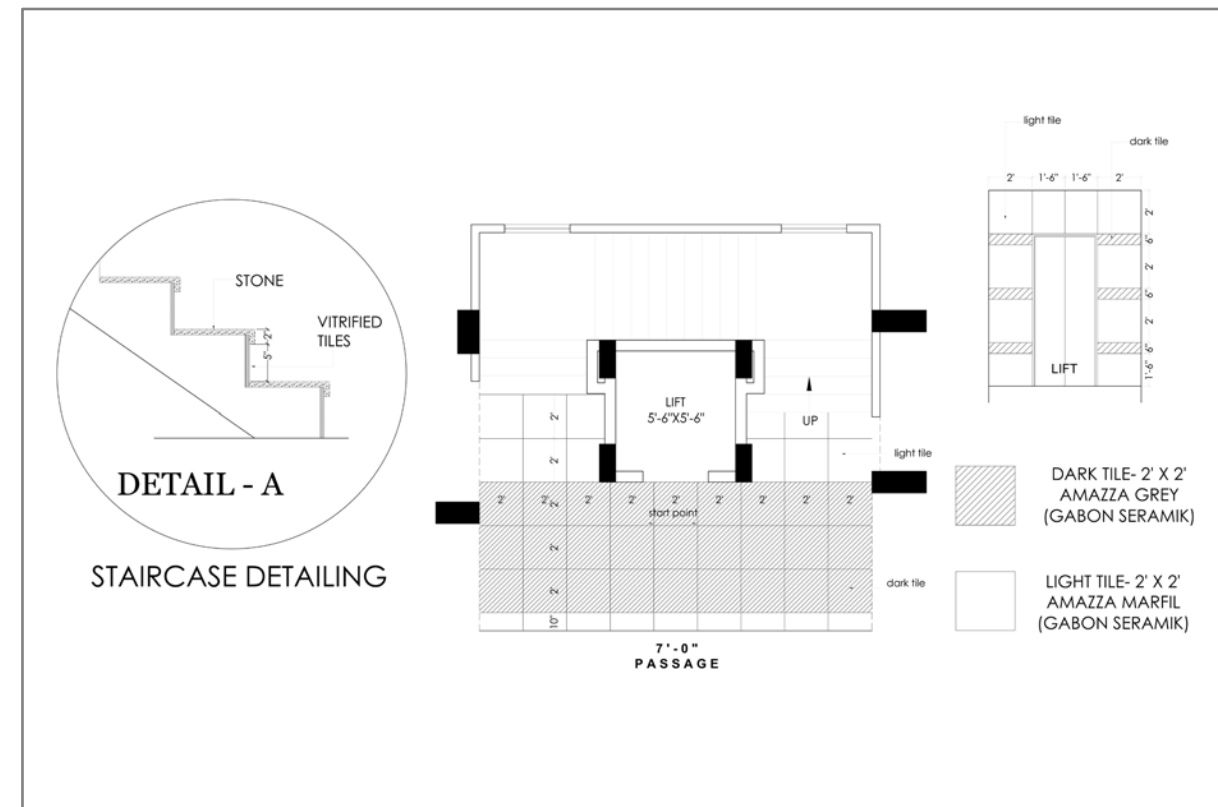
Foyer Detail Drawings 1



Foyer Detail Drawings 3



Foyer Detail Drawings 2



Foyer Detail Drawings 4

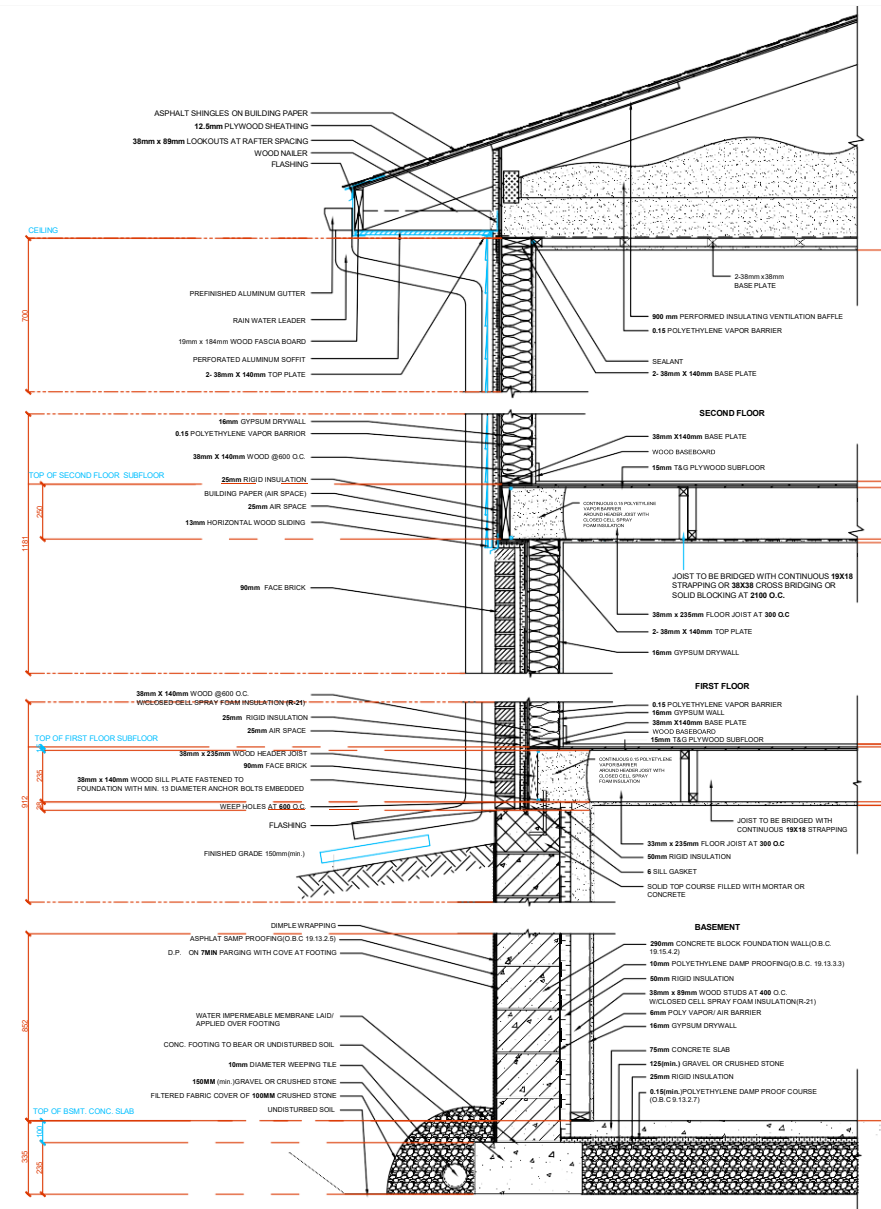
05

SEMESTER 1 - Foundation & Wood Construction

Key Focus: Residential Design & Basic Structural Systems

Architectural Drafting & Sketching – Introduction to technical drawing, line weights, and hand sketching.
 AutoCAD Fundamentals – Basic 2D drafting for working drawings.
 Building Materials & Methods 1 (Wood Construction) – Fundamentals of wood framing, light wood structures, floor/wall/roof framing systems.
 Residential Design Principles – Understanding basic house layouts, space planning, and sustainability concepts.
 Construction Fundamentals – Site preparation, foundation types, and material properties.
 Building Code & Regulations (Intro) – Introduction to Ontario Building Code (OBC) for residential buildings.
 Made wooden frame model learning about wooden framing systems, joinery details,
 Wood- frame construction systems, components and details
 Working drawing conventions, symbols, methodologies and AutoCAD organization
 Sustainable Design and how it relates to the housing industry,
 (Major Renovation) By-laws
 Architectural Technology and how it relates to the housing industry

1 WALL SECTION
A-01 SCALE 1:10



1. VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.	
2. DO NOT SCALE DRAWINGS.	
3. REPORT ALL DISCOVERIES OF ERRORS, OMISSIONS OR DISCREPANCIES TO THE DESIGNER OR DESIGN ENGINEER AS APPLICABLE.	
4. USE ONLY LATEST REVISED DRAWINGS OR THOSE THAT ARE MARKED 'ISSUED FOR CONSTRUCTION'.	
5. THE DRAWINGS ARE THE PROPERTY OF CLIENT AND MUST BE RETURNED ON COMPLETION OF THE PROJECT. ANY UNAUTHORIZED USE IS PROHIBITED.	
NO.	DATE
1.	2010/2023
ISSUED FOR REVIEW	
REVISION	
 HUMBER HUMBER COLLEGE SCHOOL OF APPLIED TECHNOLOGY ARCHITECTURAL TECHNOLOGY 205 Humber College Blvd, Etobicoke, ON M9W 5L7	
PROJECT NAME TWO-STORY RESIDENTIAL GREEN BUILDING	
SITE ADDRESS 205 HUMBER COLLEGE BLVD.	
SHEET TITLE WALL SECTION	
DRAWN BY FORAM PATEL	Assignment Name & ASSIGNMENT 2
DATE 2010/2023	DRAWING NO. A-01
SCALE 1:10	

Section

While making wood frame model we were introduced and given practical knowledge about

Foundation wall & footing
 Wall/floor/roof sheathing
 Rafter ladder with solid blocking

Steel column & Support beam
 Window & door frame / header
 Ribbons on collar braces

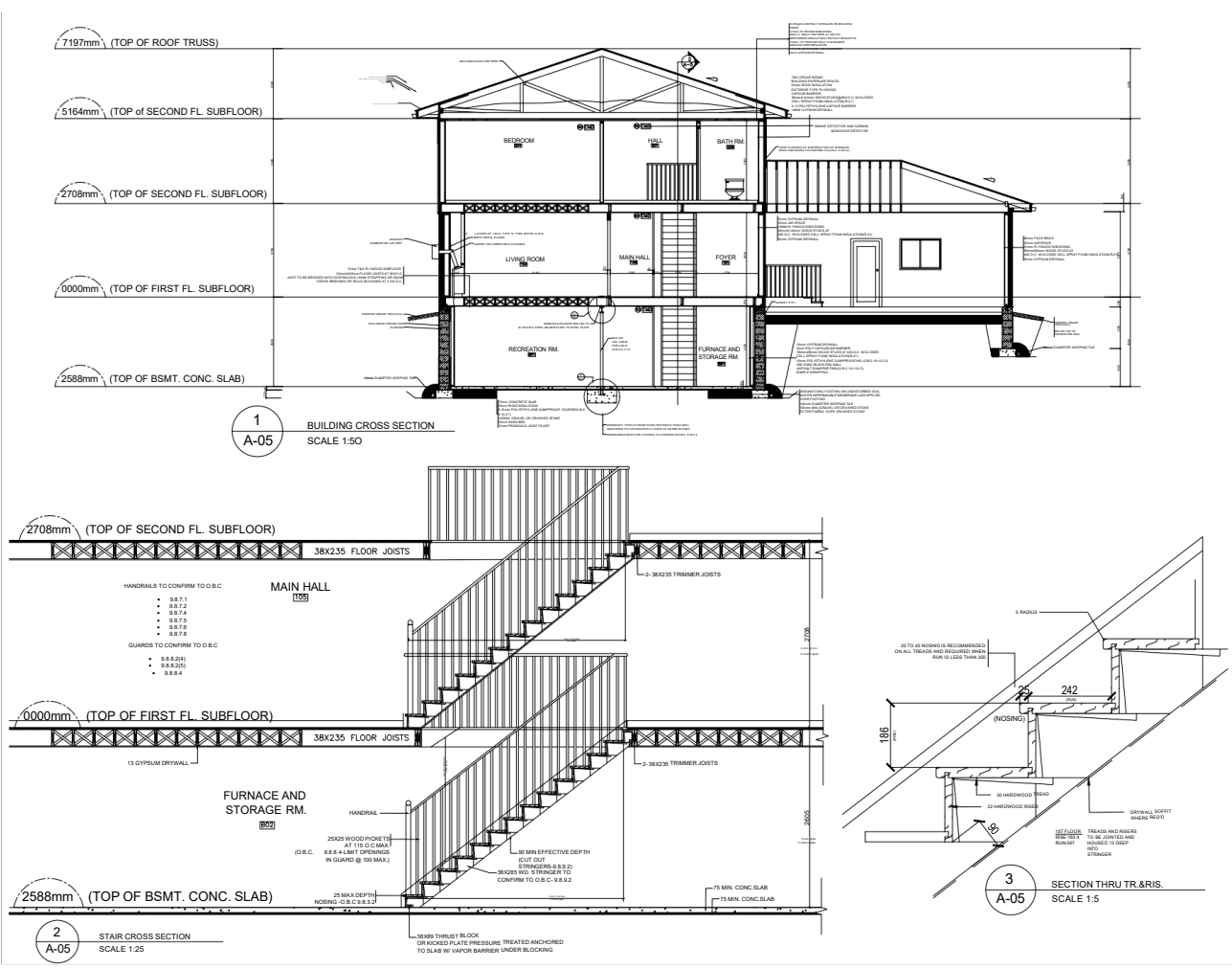
Sill plate/ header/joists
 Joist overlap or butted w/splice plate
 Roof Truss & Roof sheathing

Corner studs
 Joist ladder 2nd floor

Solid bridging floor & wall
 Wall lateral brace or blocking

Double top plates (interlocked)

Also drafted a detailed wall section, floor plan, elevation and section.



NOTES

1. VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
2. DO NOT SCALE DRAWINGS.
3. REPORT ALL DISCREPANCIES OF DIMENSIONS OR DISCREPANCIES TO THE DESIGNER OR DESIGNER'S ARCHITECT.
4. USE ONLY LATEST REVISED DRAWINGS OR THOSE THAT ARE SPECIFICALLY ISSUED FOR CONSTRUCTION.
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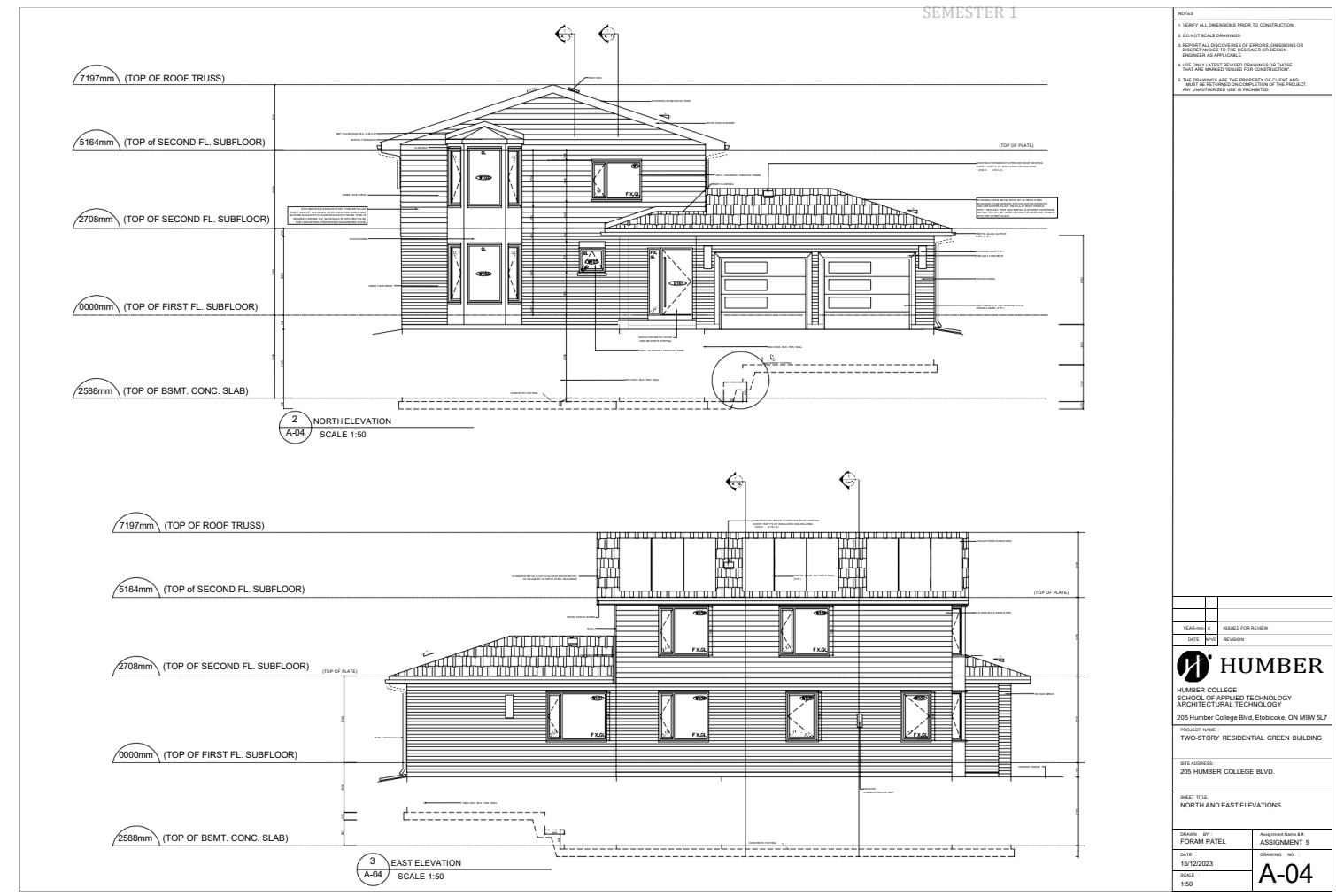
GENERAL NOTES

1. IDENTIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
2. REPORT ALL DISCREPANCIES OF DIMENSIONS OR DISCREPANCIES TO THE DESIGNER OR DESIGNER'S ARCHITECT.
3. DO NOT SCALE DRAWINGS.
4. USE ONLY LATEST REVISED DRAWINGS OR THOSE THAT ARE SPECIFICALLY ISSUED FOR CONSTRUCTION.
5. THE DRAWINGS ARE THE PROPERTY OF THE OWNER AND MUST BE RETURNED TO THE OWNER UPON COMPLETION OF THE PROJECT. ANY UNAUTHORIZED USE IS PROHIBITED.
6. ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED TO S.I.C. SHALL BE IN METERS.
7. FLOOR JOISTS SHALL BE COMPLETELY SEALED TO PREVENT THE PENETRATION OF CARBON MONOXIDE AND CHIMNEY FUELS INTO THE UNFINISHED ATTIC SPACE. REVIEW WITH CITY OF GREAT BAY FOR APPROVAL.
8. ALL DIMENSIONS SHALL BE TO FACE UNLESS OTHERWISE SPECIFIED.
9. ALL DIMENSIONS SHALL BE TO FACE UNLESS OTHERWISE SPECIFIED.
10. ALL DIMENSIONS SHALL BE TO FACE UNLESS OTHERWISE SPECIFIED.
11. ALL DIMENSIONS SHALL BE TO FACE UNLESS OTHERWISE SPECIFIED.
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19. ALL DIMENSIONS SHALL BE TO FACE UNLESS OTHERWISE SPECIFIED.
20. ALL DIMENSIONS SHALL BE TO FACE UNLESS OTHERWISE SPECIFIED.

DATE	BY	REVISION

HUMBER
 Humber College
 School of Applied Technology
 Architectural Technology
 205 Humber College Blvd. Etobicoke, ON M9W 5L7
 PROJECT NAME:
 TWO-STORY RESIDENTIAL GREEN BUILDING
 SITE ADDRESS:
 205 HUMBER COLLEGE BLVD.
 CROSS SECTION/STAIR DETAIL

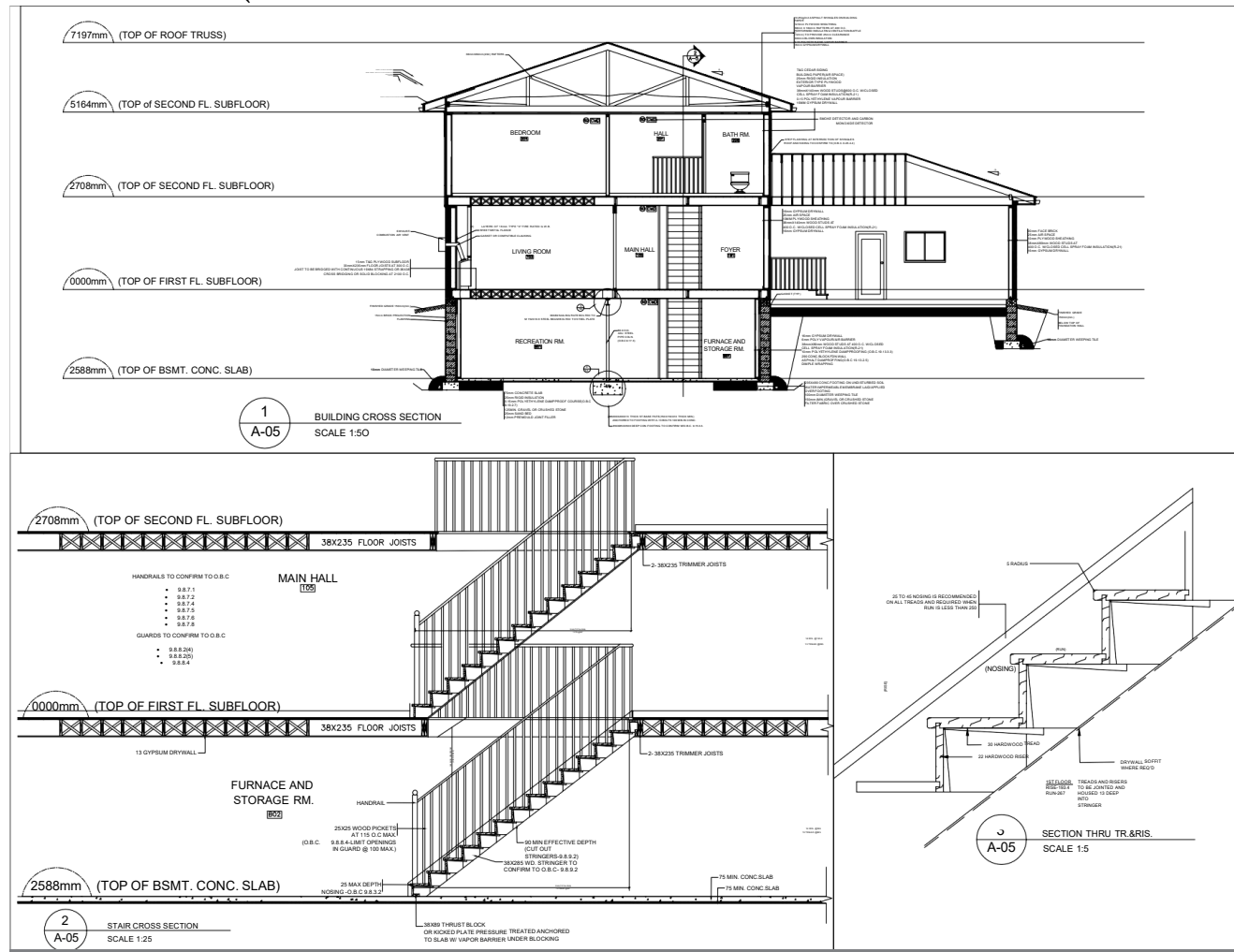
DATE	BY	ASSIGNED NAME & NO.
19/10/2023	FORAM PATEL	ASSIGNMENT 2
19/10/2023		
1/20		



Cross Section - Stair Detail

Elevations





GENERAL NOTES

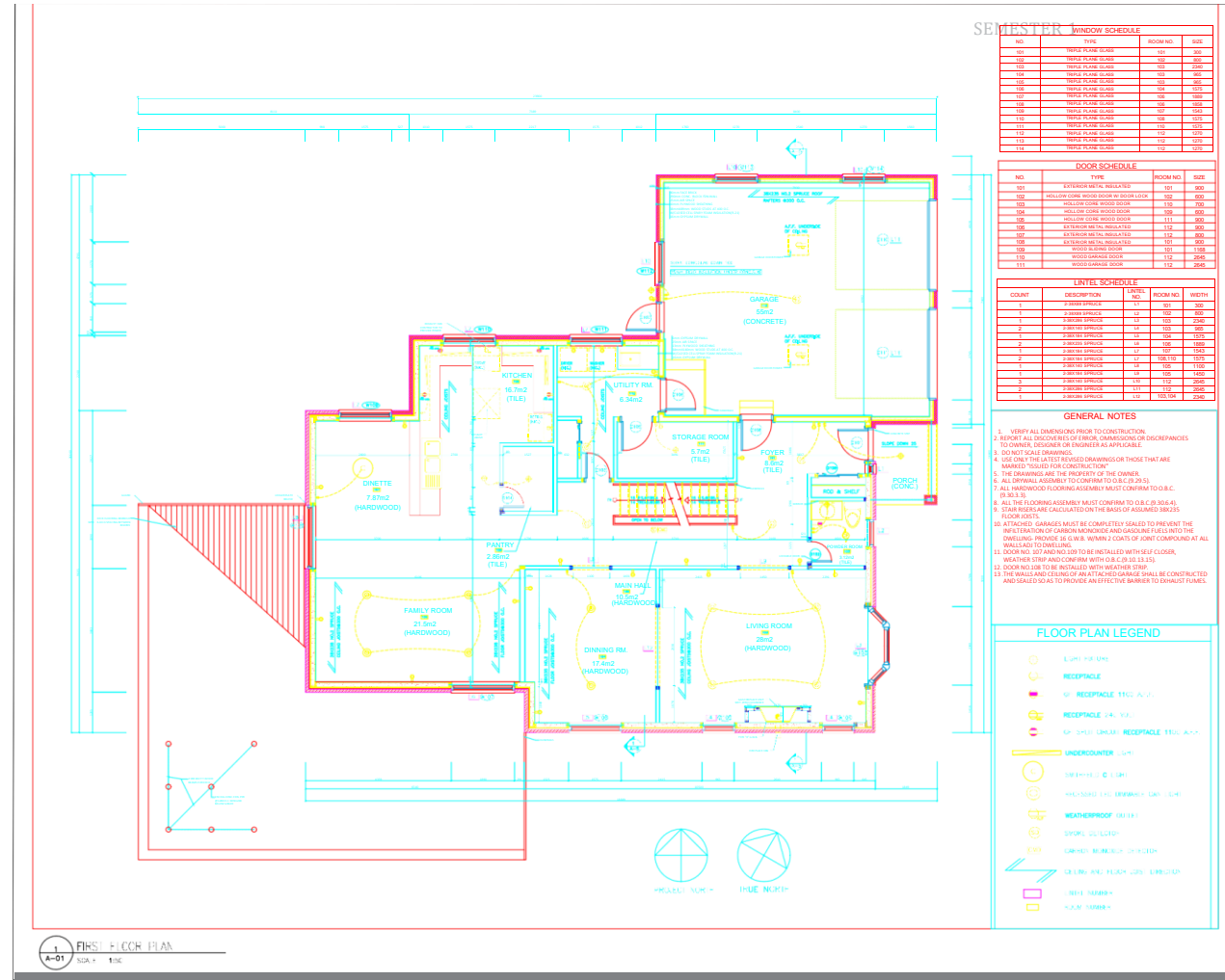
1. VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
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3. VERIFY ALL DIMENSIONS OF EXISTING CONDITIONS OR DISCREPANCIES TO THE DESIGNER OR DESIGN ENGINEER AS APPLICABLE.
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5. THE DIMENSIONS AND THE PROPERTY OF THE OWNER SHALL BE THE RESPONSIBILITY OF THE CLIENT AND NOT THE RESPONSIBILITY OF THE ARCHITECT. ANY DIMENSIONS NOT SHOWN ARE TO BE DETERMINED BY THE ARCHITECT.

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HUMBER COLLEGE
SCHOOL OF APPLIED TECHNOLOGY
ARCHITECTURAL TECHNOLOGY
205 Humber College Blvd, Etobicoke, ON M9W 5L7
PROJECT NAME: TWO-STORY RESIDENTIAL GREEN BUILDING
PROJECT NUMBER: 201102023
SHEET TITLE: WALL SECTION
DESIGNED BY: FORAM PATEL
DATE: 20/10/2023
SCALE: 1:50
DRAWING NO.: ASSIGNMENT 2

Wall Section



Floor Plan



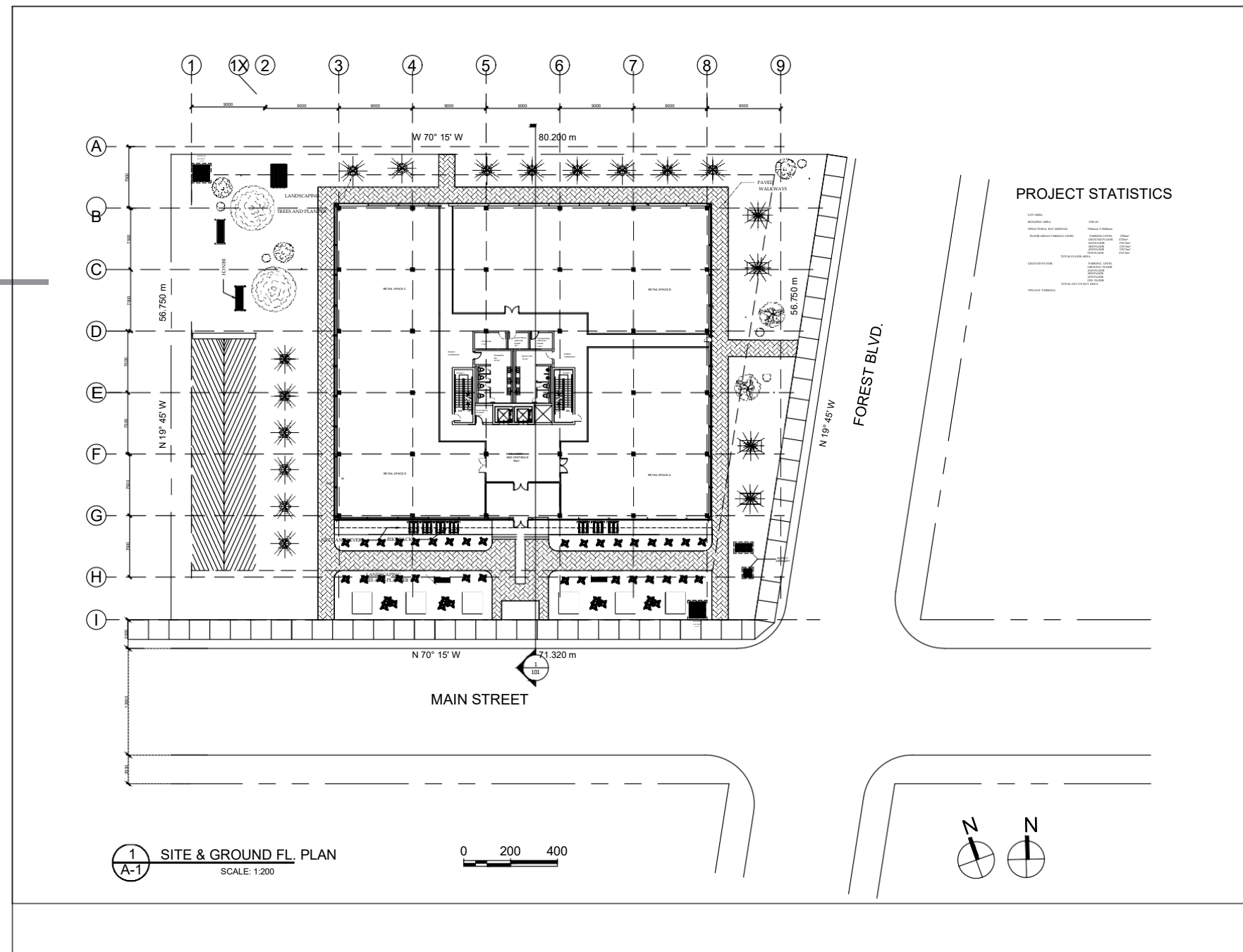
06

SEMESTER 2

Intermediate design and wood systems

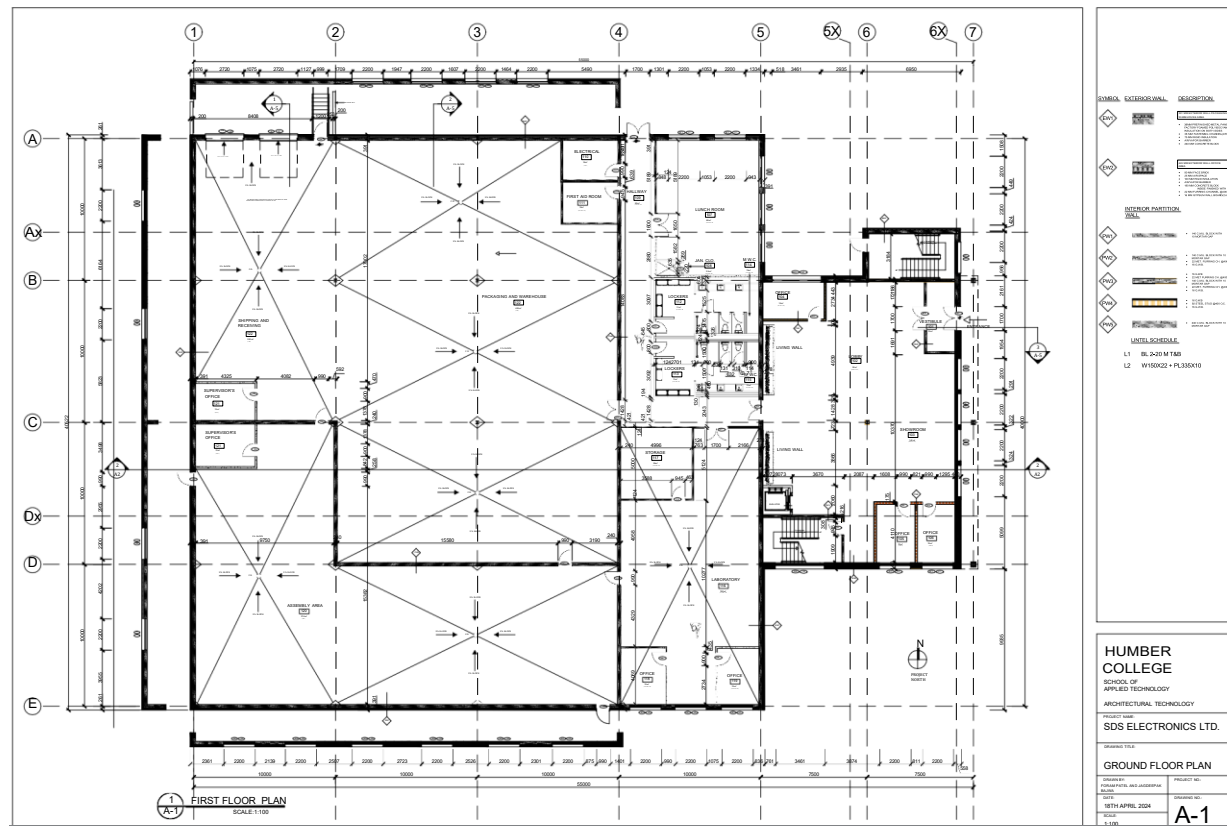
Key Focus: Advanced Wood Construction & Small Commercial Design

1. AutoCAD Working Drawings (Intermediate) – Development of full residential working drawing sets.
2. Revit & BIM Fundamentals – Introduction to 3D modeling, parametric design, and BIM workflows.
3. Building Materials & Methods 2 (Wood Construction & Assembly) –
 - Advanced framing techniques, trusses, engineered wood products.
 - Introduction to hybrid wood-steel construction.
4. Small Commercial Design Concepts – Expanding from residential to small-scale commercial projects.
5. Construction Estimating & Cost Analysis – Introduction to quantity takeoffs, cost estimation for wood-based projects.
6. Ontario Building Code (OBC) Part 9 (Residential & Small Buildings) – Understanding code compliance for wood-frame structures.

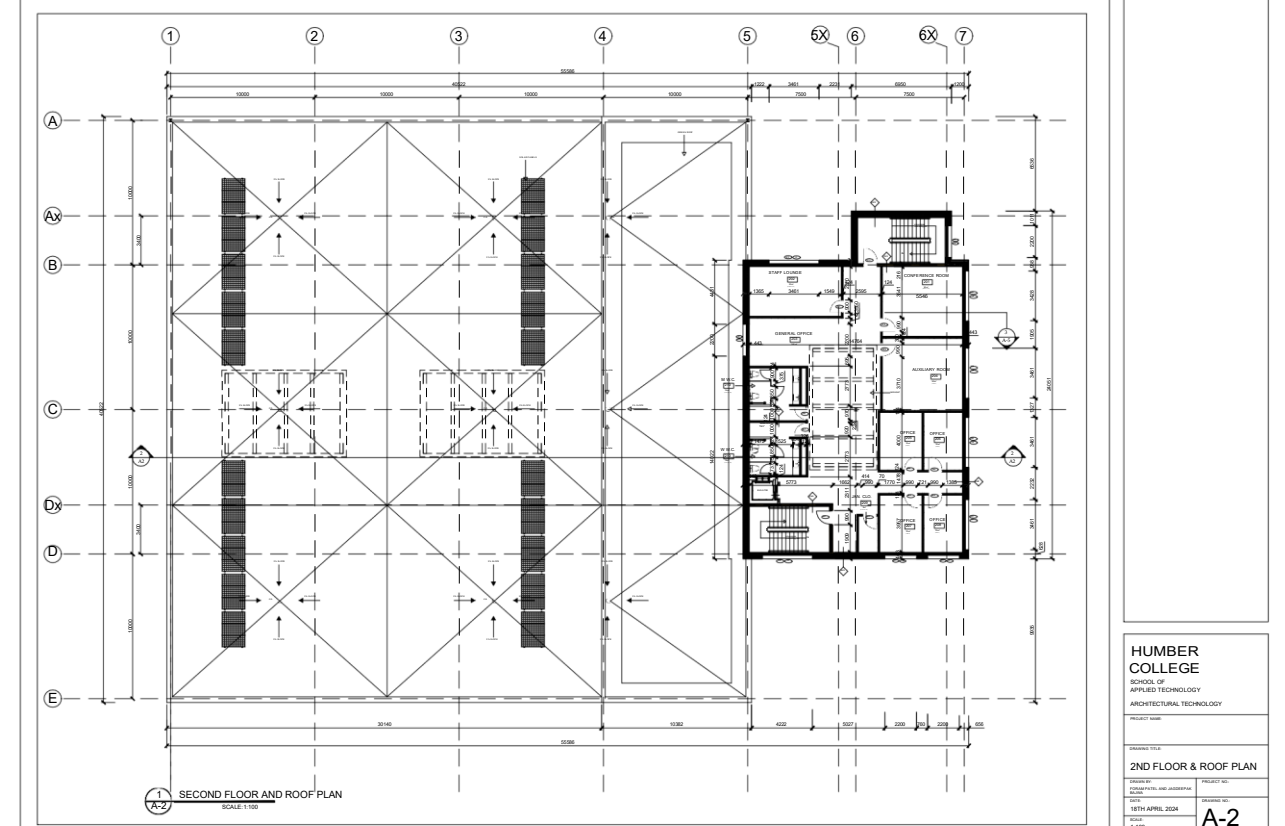


In this semester we were taught to design concept for a small-scale commercial office building. We got a chance to develop and design presentation drawings and build massing model on site and prepared working drawings and details.

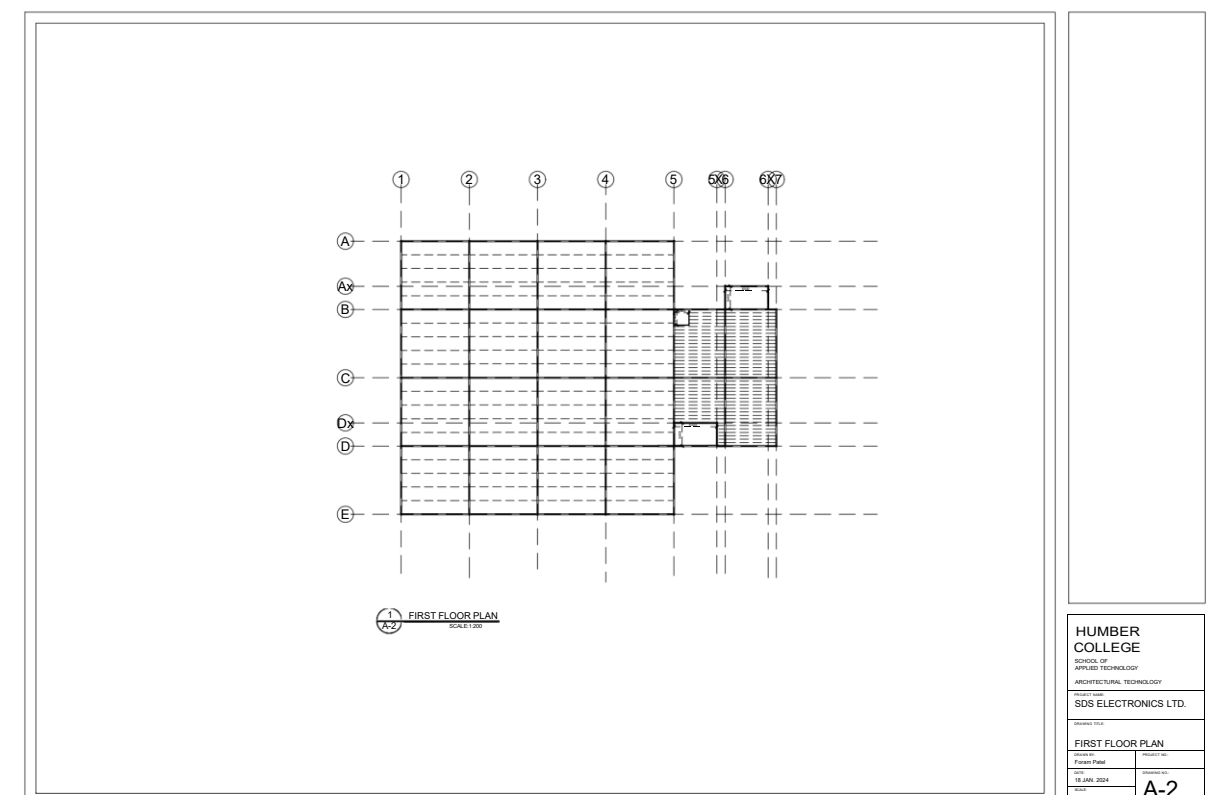
All the program requirements were given, and we planned and designed an industrial plant and offices. The client was SDS Electronics LTD. And proposed to build on the given site a new plant, sales showroom and office facilities. So, the whole project was designed and was executed according to the client's needs with all the required drawings. It was a team project and were allotted in pairs.



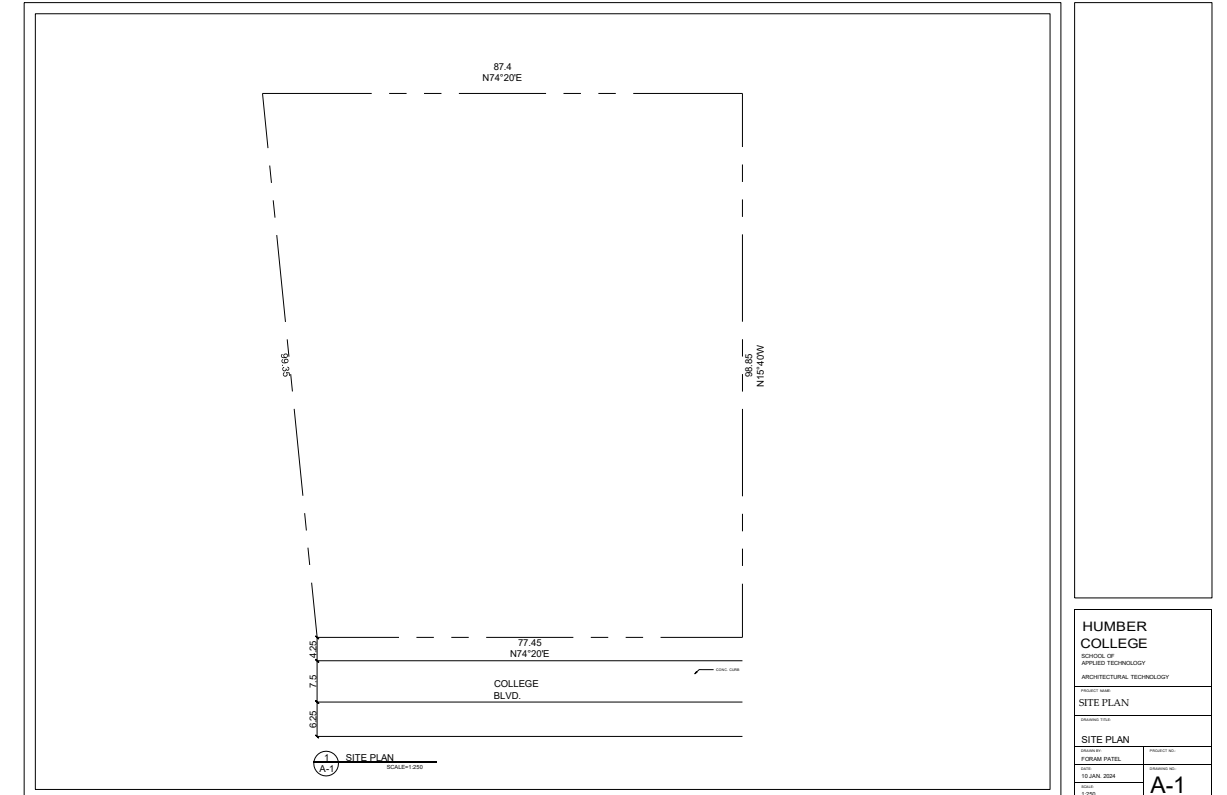
Ground Floor Plan



2nd Floor and Roof Plan



First Floor Plan



Site Plan

SECTION AND ELEVATIONS

NO.	DESCRIPTION	DATE
1	SECTION AND ELEVATIONS	22 FEB 2024
2		
3		

A-2

Section and Elevation

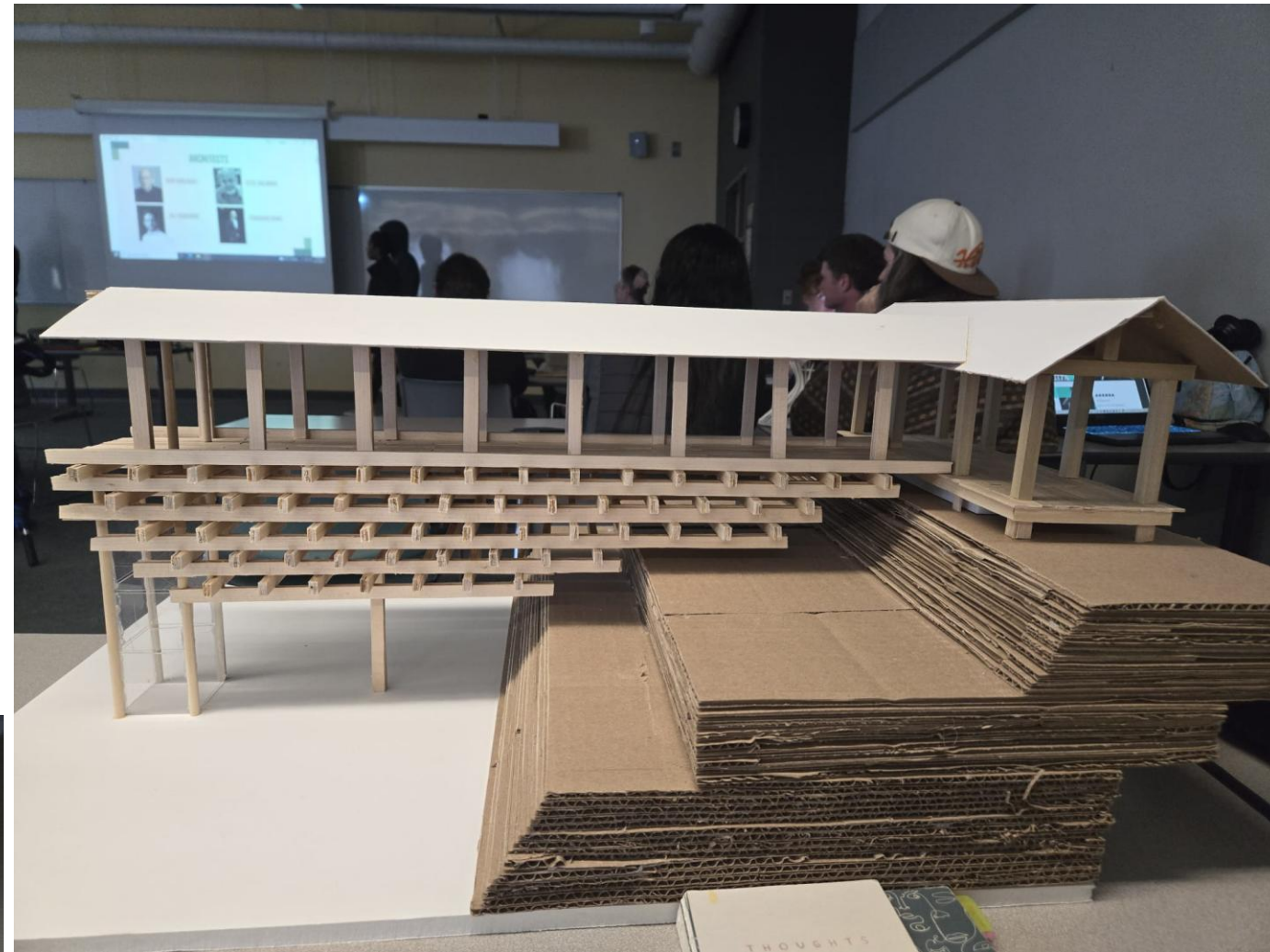
ISOMETRIC SOUTH-EAST

NO.	DESCRIPTION	DATE
1	ISOMETRIC SOUTH-EAST	22 FEB 2024
2		
3		

A-4

Isometric – South East





07

SEMESTER 3

Mass Timber

Mass Timber Overview:

Types of mass timber products:

Cross-Laminated Timber (CLT)
 Glue-Laminated Timber (Glulam)
 Nail-Laminated Timber (NLT)
 Dowel-Laminated Timber (DLT)

Structural Design with Mass Timber:

Load-bearing capacity, connections, and fasteners for mass timber.

Hybrid mass timber-steel structural systems.

Manufacturing & Prefabrication:

Off-site fabrication techniques for CLT panels and glulam beams.

On-site assembly & modular mass timber construction.

Case Study Analysis:

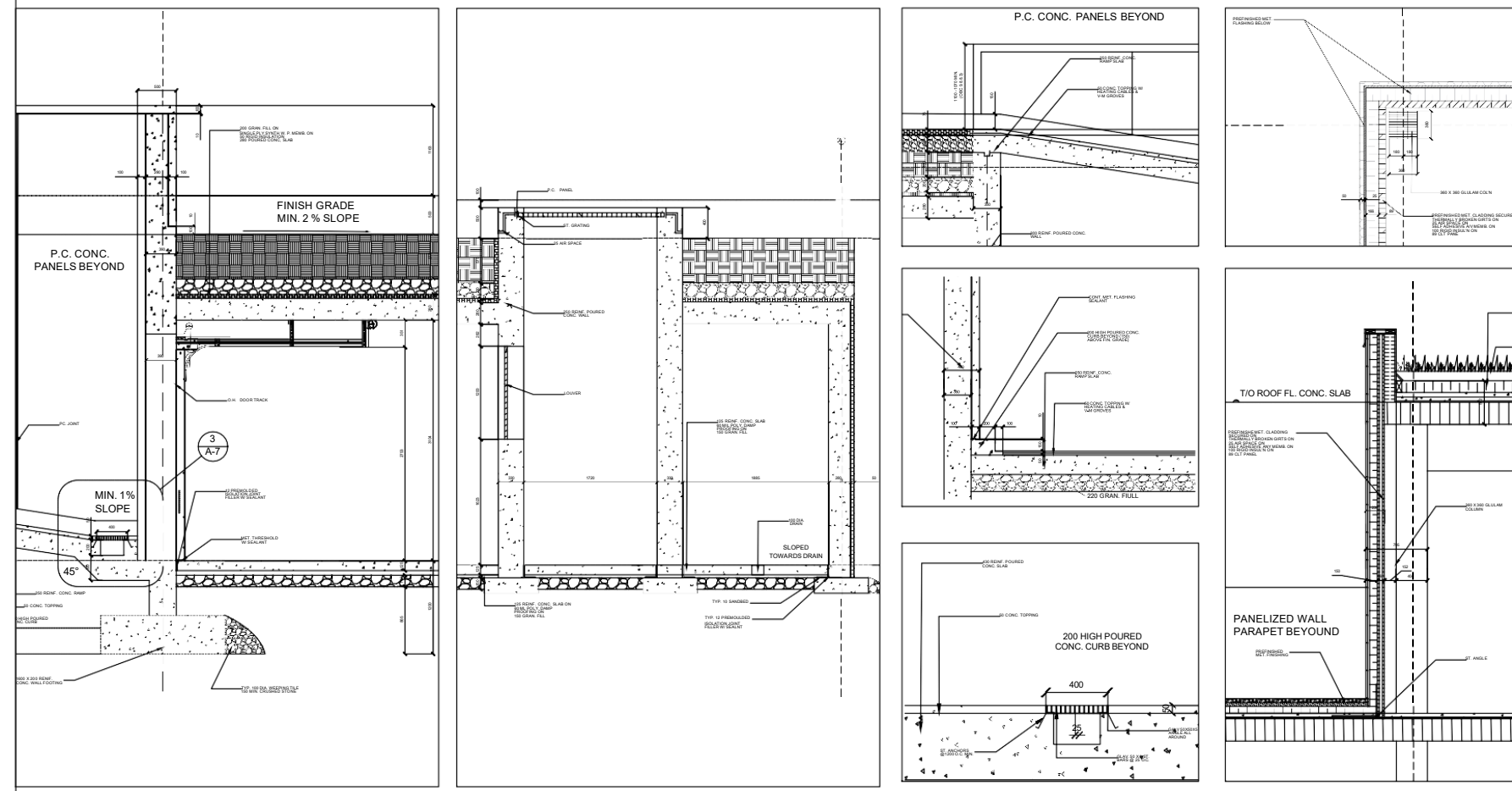
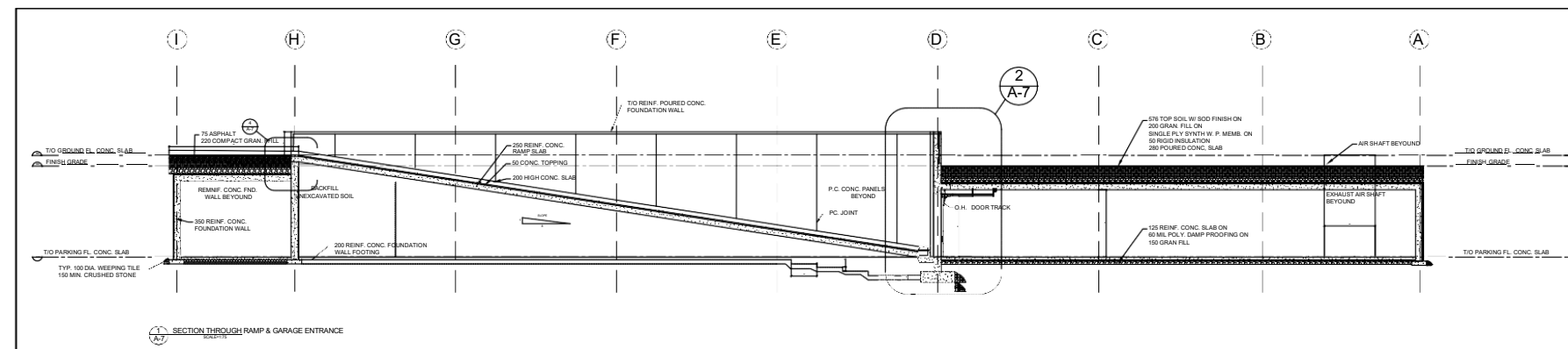
- Study of existing mass timber buildings like Brock Commons (Vancouver) or T3 Minneapolis.
- Structural detailing & performance evaluation.

Design Project - Mid-Rise Mass Timber Building:

- Applying CLT & glulam structures in a commercial or institutional building.
- Structural detailing with Revit and AutoCAD
- Fire safety, acoustic treatments, and sustainability integration.

Designed 5-storey mixed-use retail office building.
 Went through different design stages.

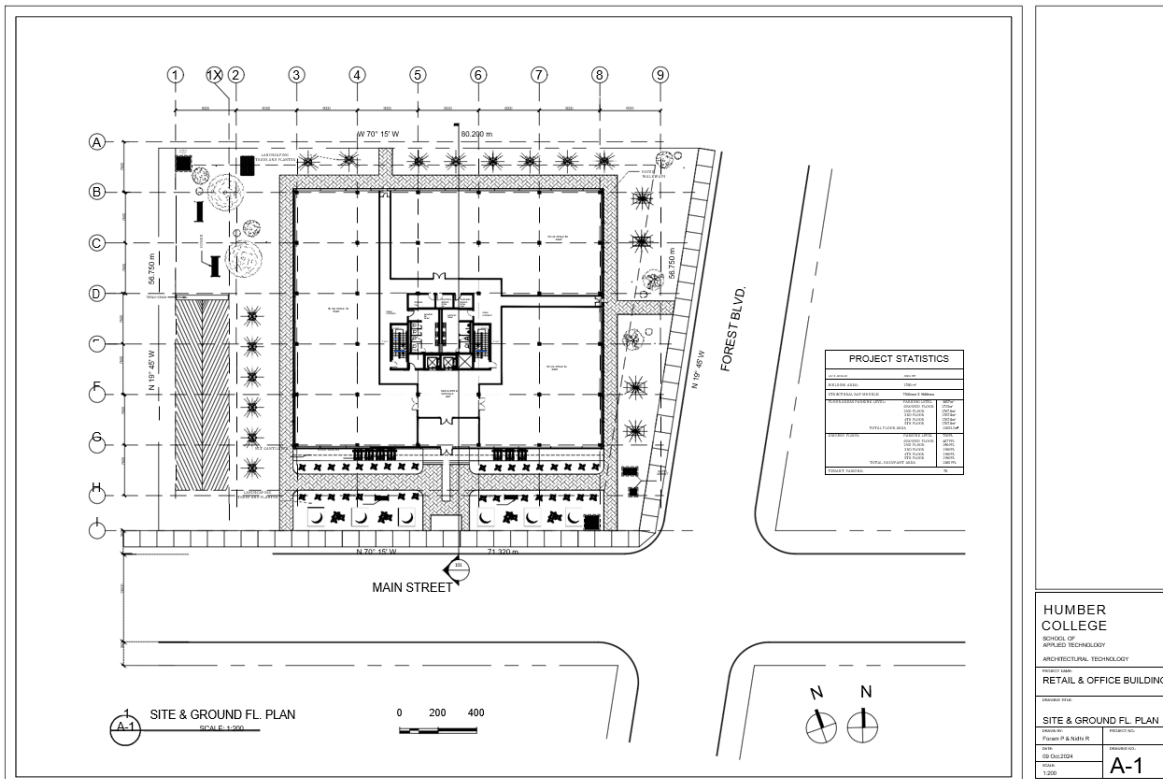
1. Pre-design
2. Schematic design
3. Design development



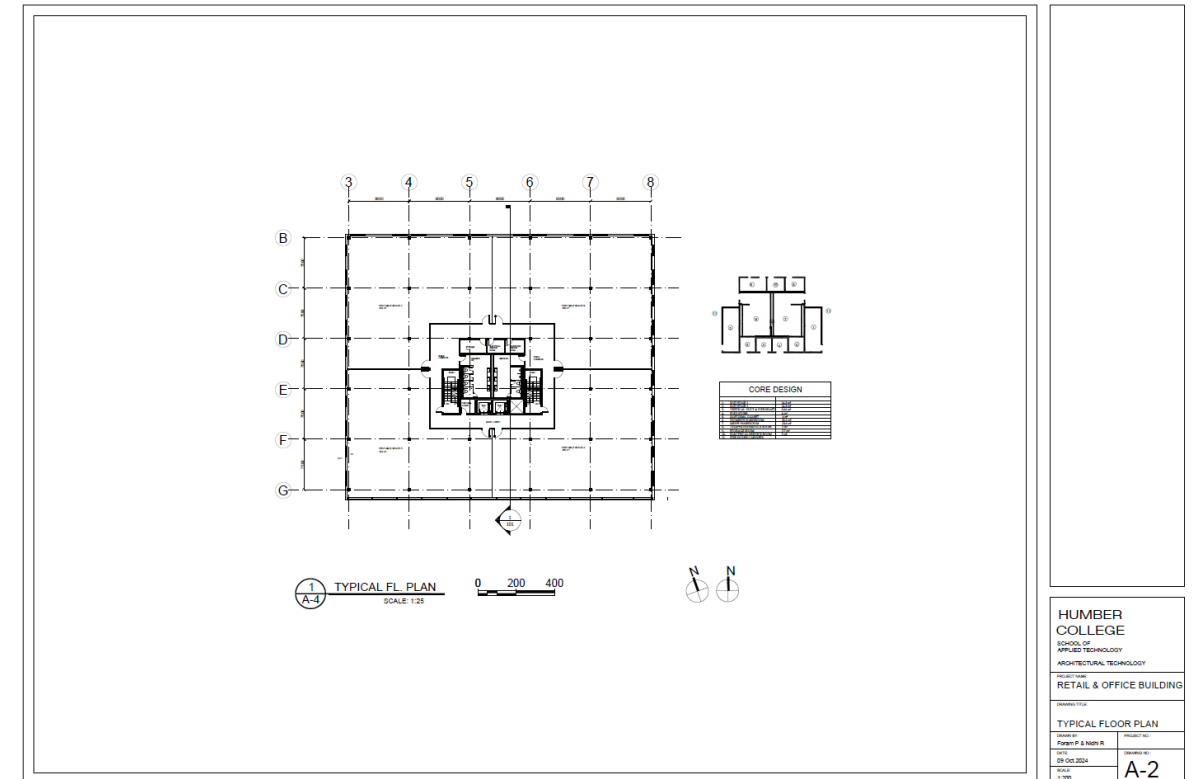
HUMBER COLLEGE	
SCHOOL OF APPLIED TECHNOLOGY	
ARCHITECTURAL TECHNOLOGY	
PROJECT NAME: RETAIL & OFFICE BUILDING	
DRAWING TITLE: SECTIONS AND DETAILS	
DRAWN BY: NIDHI R & FORAM P	PROJECT NO.:
DATE: 04 DEC. 2024	DRAWING NO.:
SCALE: AS NOTED	A-7

Started with the site analysis, studied the site and surroundings. Later created bubble diagrams which lead us to schematic design and then were allotted with program requirements. Again, it was a group project. Planned this midrise building with mass timber materials and were introduced to the installation and usage of curtain wall along with rim beams and glulam beams and columns (structural bay layout).

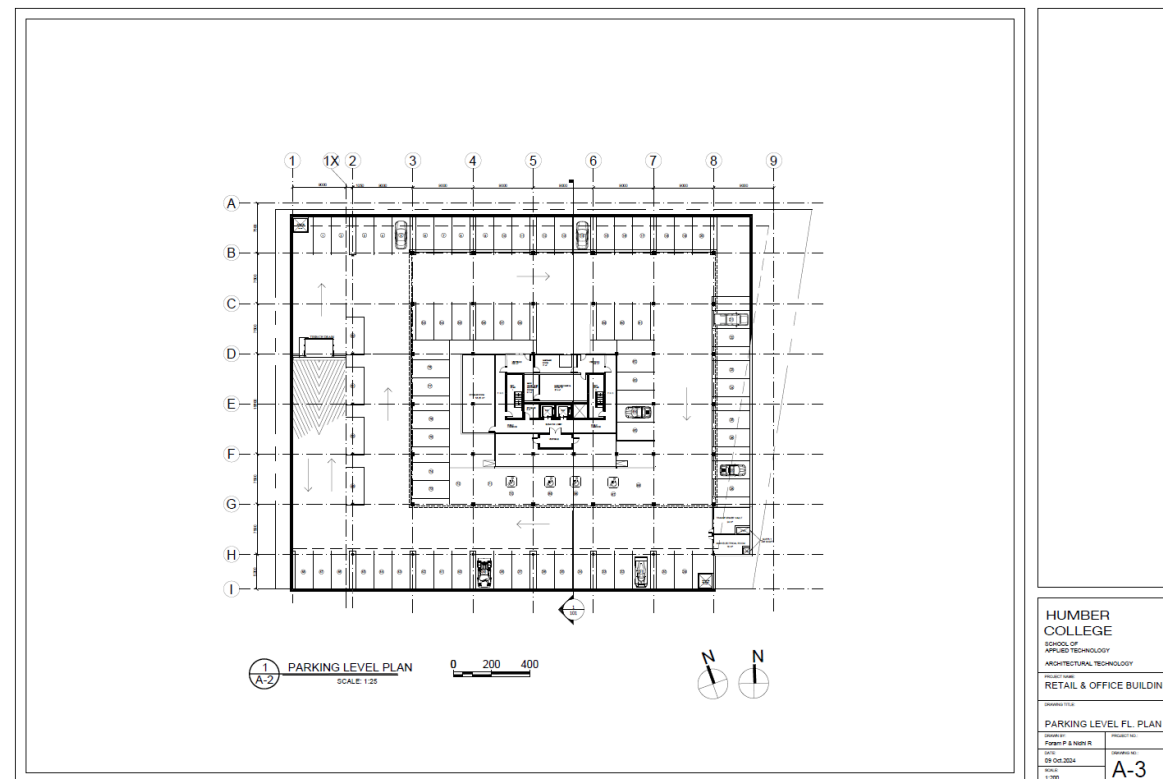
Service core layout was initially designed and focused on. Later, floor plans and offices were designed according to the building code requirements. Also, developed plans, sections and elevations along with working drawings for the same.



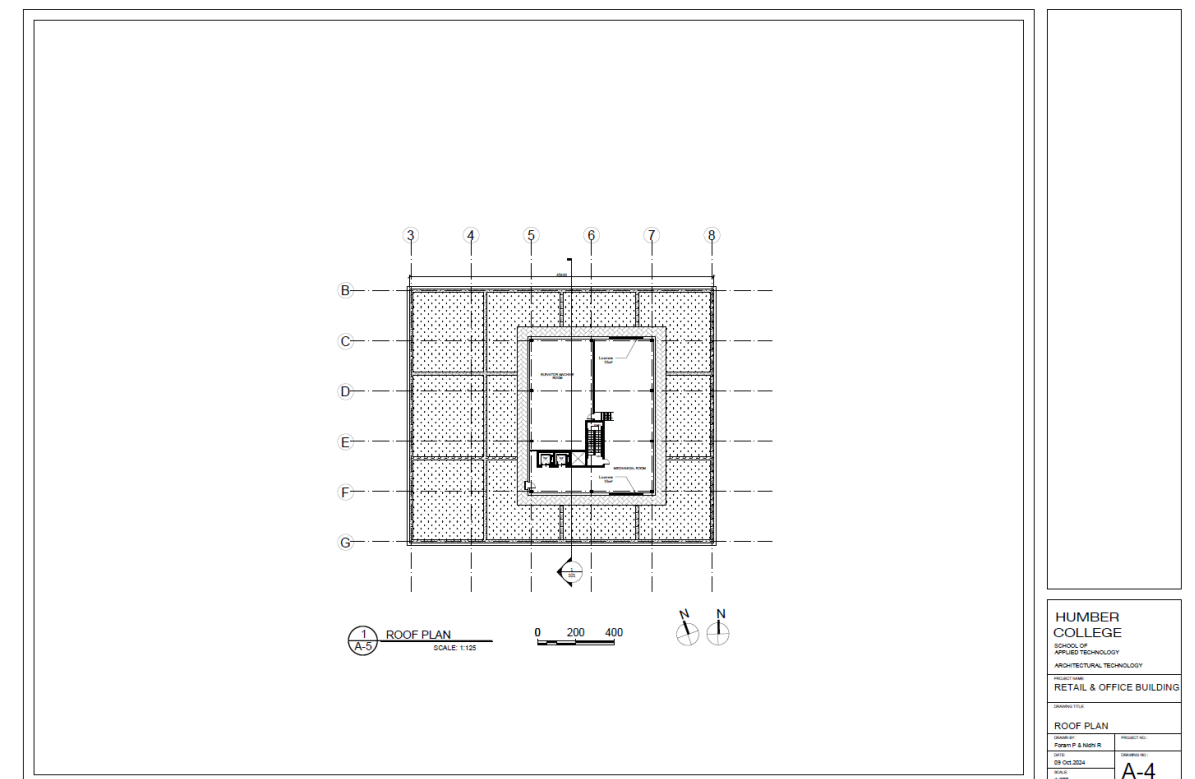
Site and Ground Floor Plan



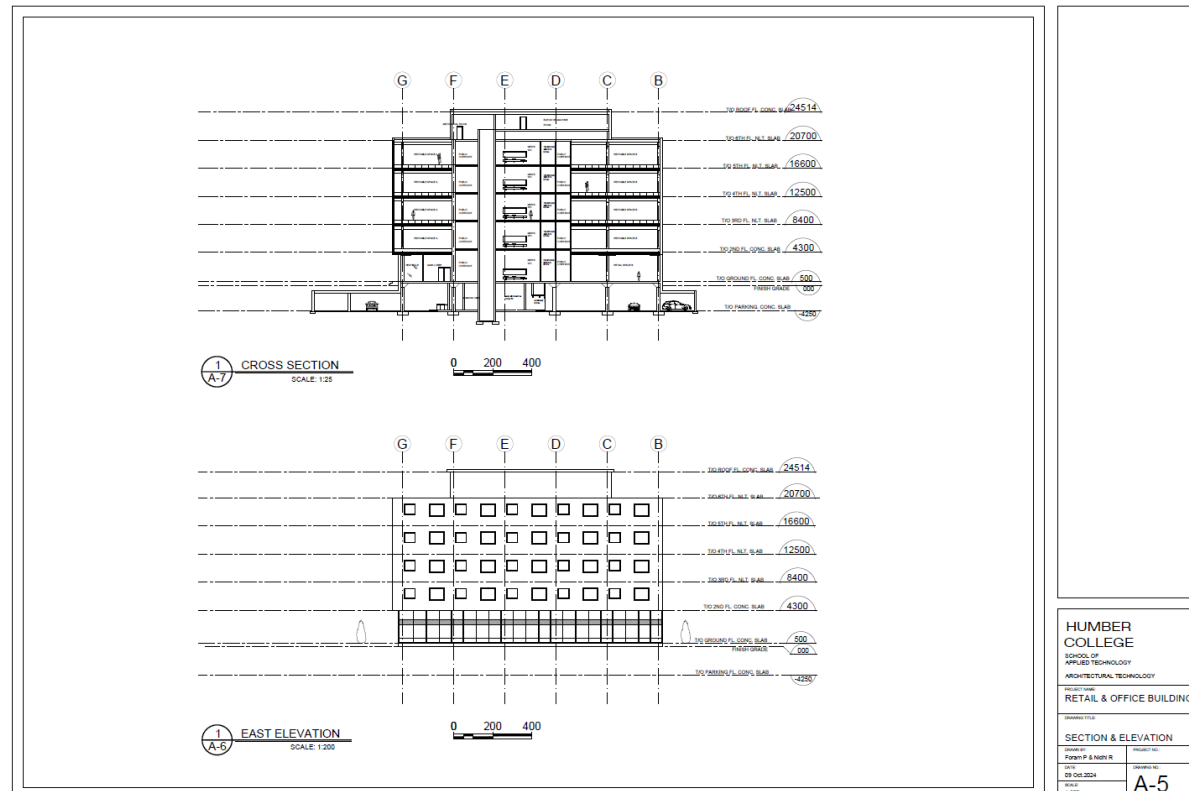
Typical Floor Plan



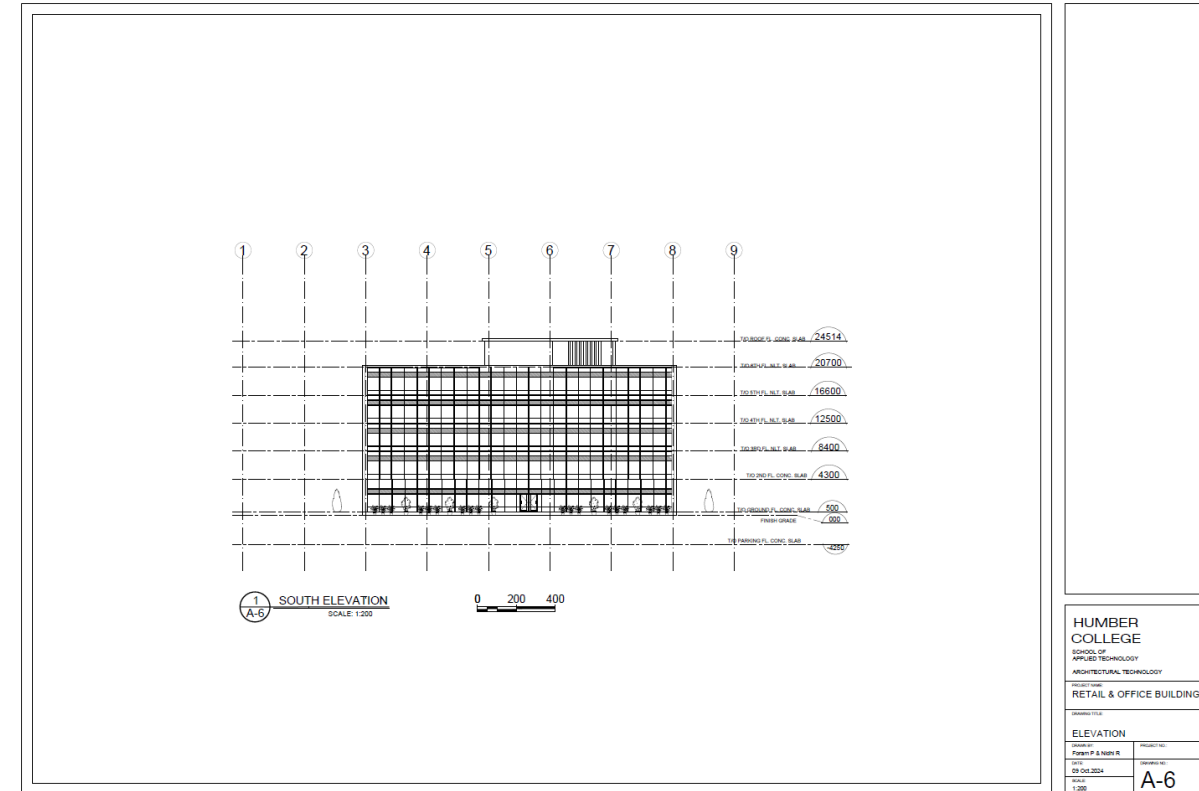
Parking Level Floor Plan



Roof Plan



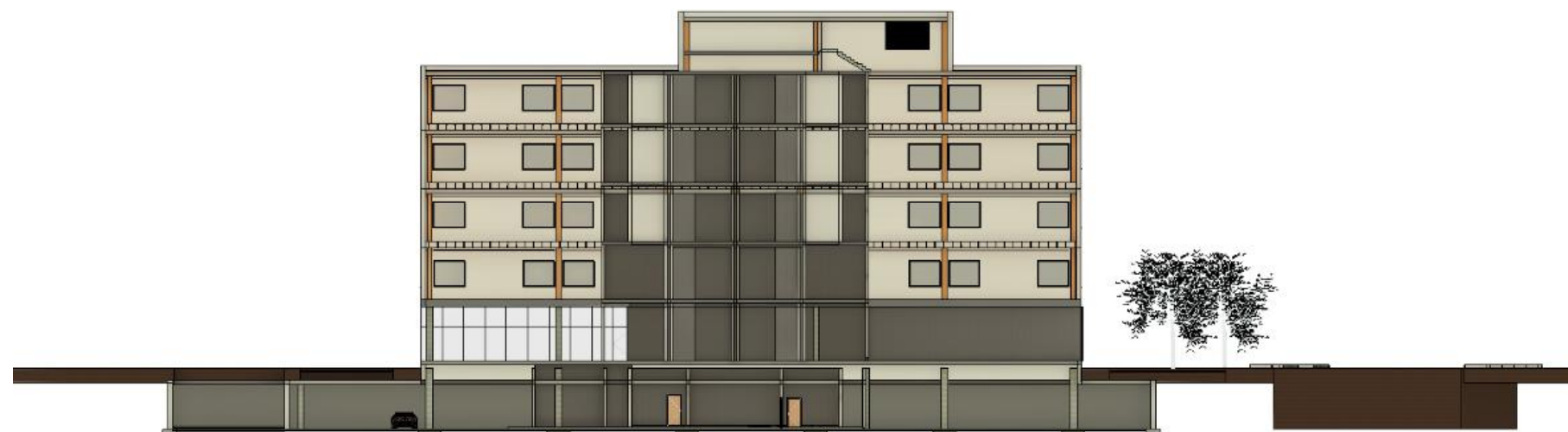
Section and Elevation



Elevation



RENDERED BUILDING VIEWS



08

SEMESTER 4 CONCRETE

CONCRETE CONSTRUCTION & LARGE COMMERCIAL PROJECTS

Key Focus: Reinforced Concrete & Structural
Integration

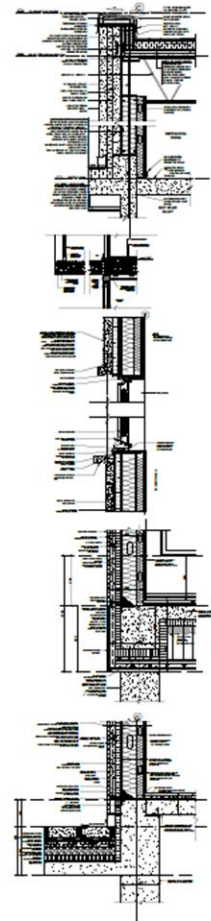
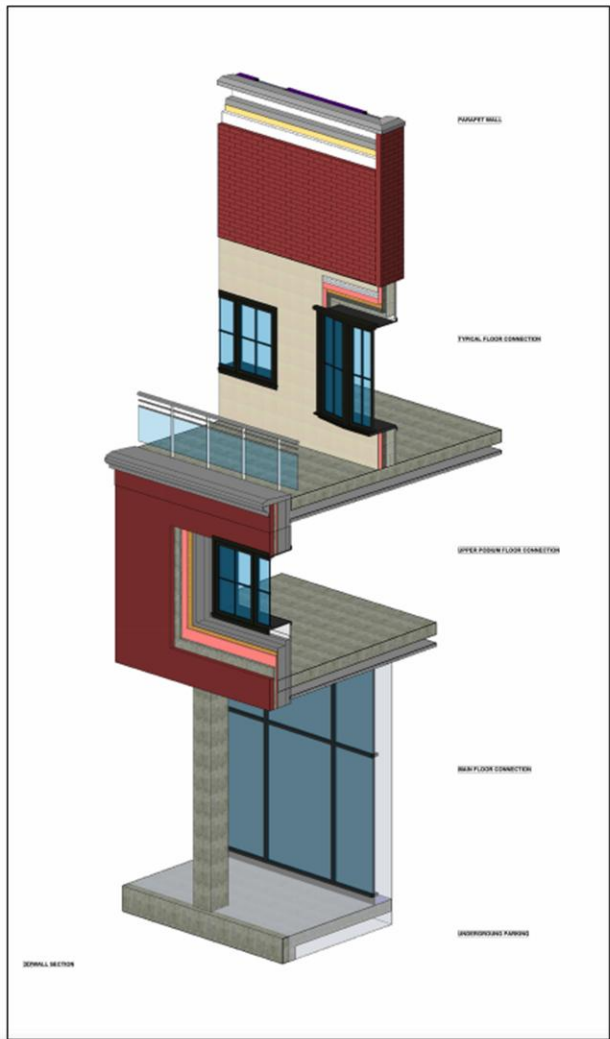
- Building Materials & Methods 4 (Concrete Construction) –
 - Concrete formwork, reinforcement, and curing processes.
 - Precast & cast-in-place concrete systems.
- Structural Systems 2 (Concrete & Foundation Design) –
 - Load calculations for concrete elements (beams, slabs, columns).
 - Foundation types: shallow vs. deep foundations.
- Advanced Working Drawings & Detailing –
 - Development of large-scale project construction sets.
 - Integration of steel & concrete elements in design.
- Environmental Systems & Sustainable Design –
 - HVAC, plumbing, lighting, and energy-efficient design.
 - LEED & Passive House standards.
- Ontario Building Code (OBC) – Fire Resistance & Egress –
 - Code considerations for concrete buildings, fire separations, exits, and accessibility.



On going project of a Concrete & Precast Concrete, mid-rise multi-unit residential building. Building designed is a Revit based model including floor plans, detailing, sections, elevations and 3D.

Designed a project using SketchUp of a multipurpose space with a canopy at given site at Bellwood's Park, Toronto and with all the requirements given.

Rendered Spaces using Revit to create views and make it look realistic.



HUMBER COLLEGE
SCHOOL OF APPLIED TECHNOLOGY
ARCHITECTURAL TECHNOLOGY
PROJECT NAME:
ASSIGNMENT-4
DRAWING TITLE:
3D_WALL_SECTION
2D_WALL_SECTION
DRAWN BY:
CHECKED BY:
DATE:
30 MARCH 2025
DRAWING NO.:
A-101



3D AND 2D WALL SECTION



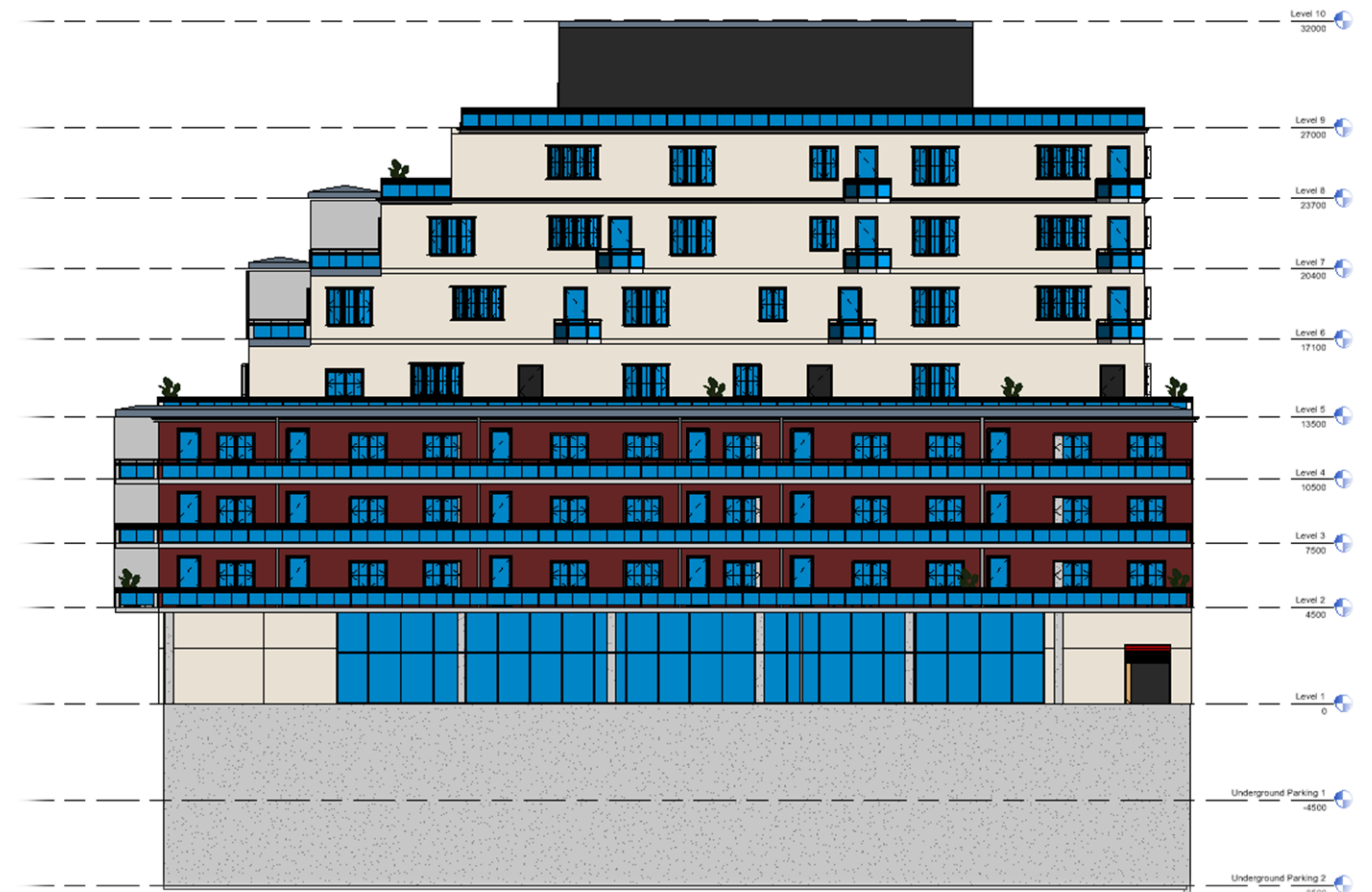
3D MATERIAL LAYER SECTION

3D AND 2D WALL SECTION

- Building envelope materials of main façade
- Precast concrete
- Glass window with frame
- Insulation
- Exterior seal with backer rod
- Waterproof membrane
- Sheathing
- Steel studs
- Batt insulation
- Vapor barrier
- Steel stud service cavity
- 2 layers of interior finish
- Parapet wall
- Flashing
- Roof waterproof membrane
- Roof insulation
- Concrete slab structure
- Column
- Wall base
- Fire sealant
- Steel connection



SECTION



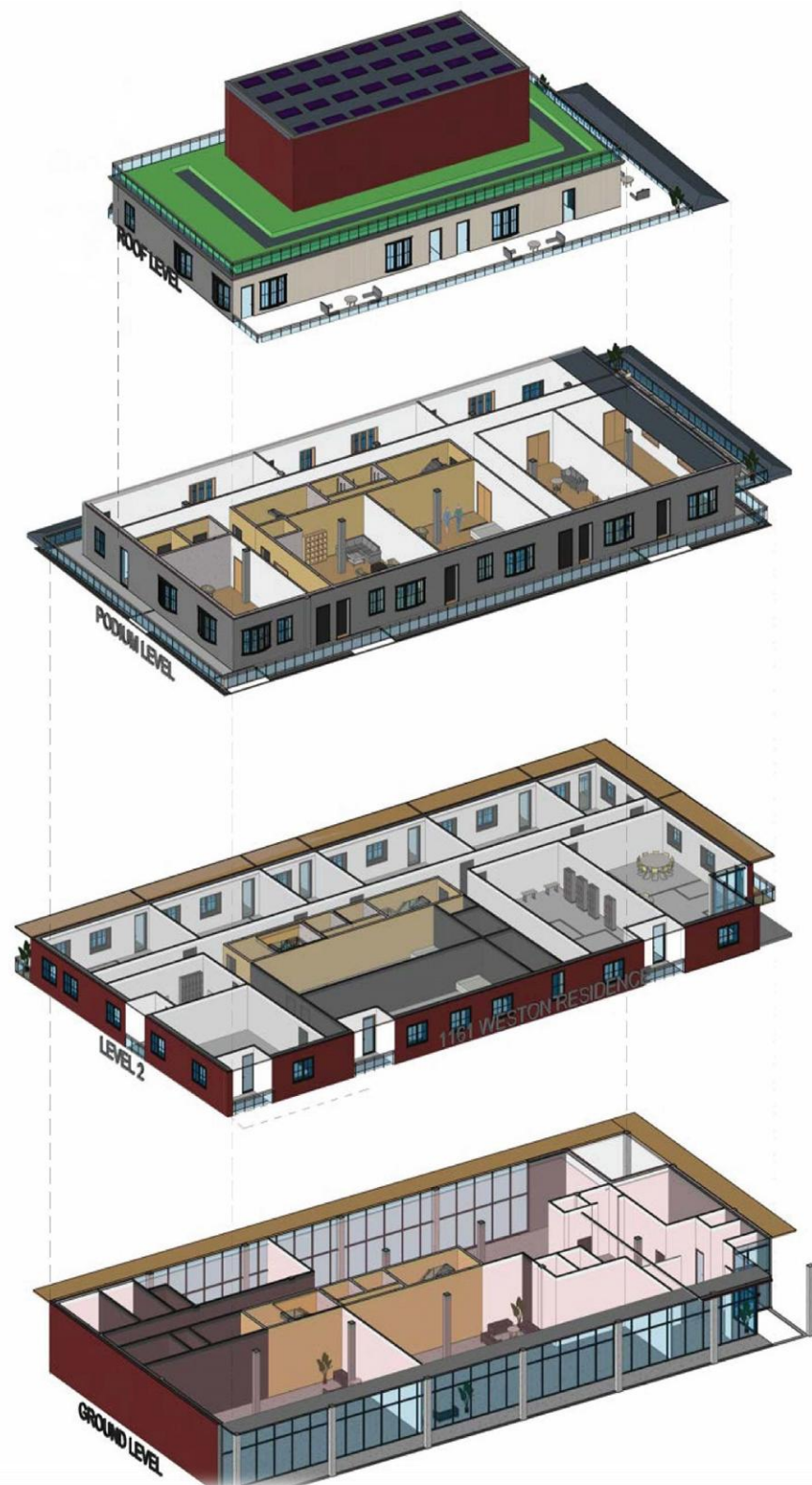
NORTH ELEVATION



INTERIOR VIEW



3D VIEW



ROOF

SOLAR PANELS
GREEN ROOF
MECHANICAL ROOM

PODIUM LEVEL

APARTMENTS
OUTDOOR PATIO

LEVEL 2

APARTMENTS
TV ROOM
PARTY ROOM
LIBRARY

GROUND FLOOR

ENTRANCE
RETAIL SPACES
CENTRAL CORE

AXONOMETRIC VIEW



FLOOR PLAN

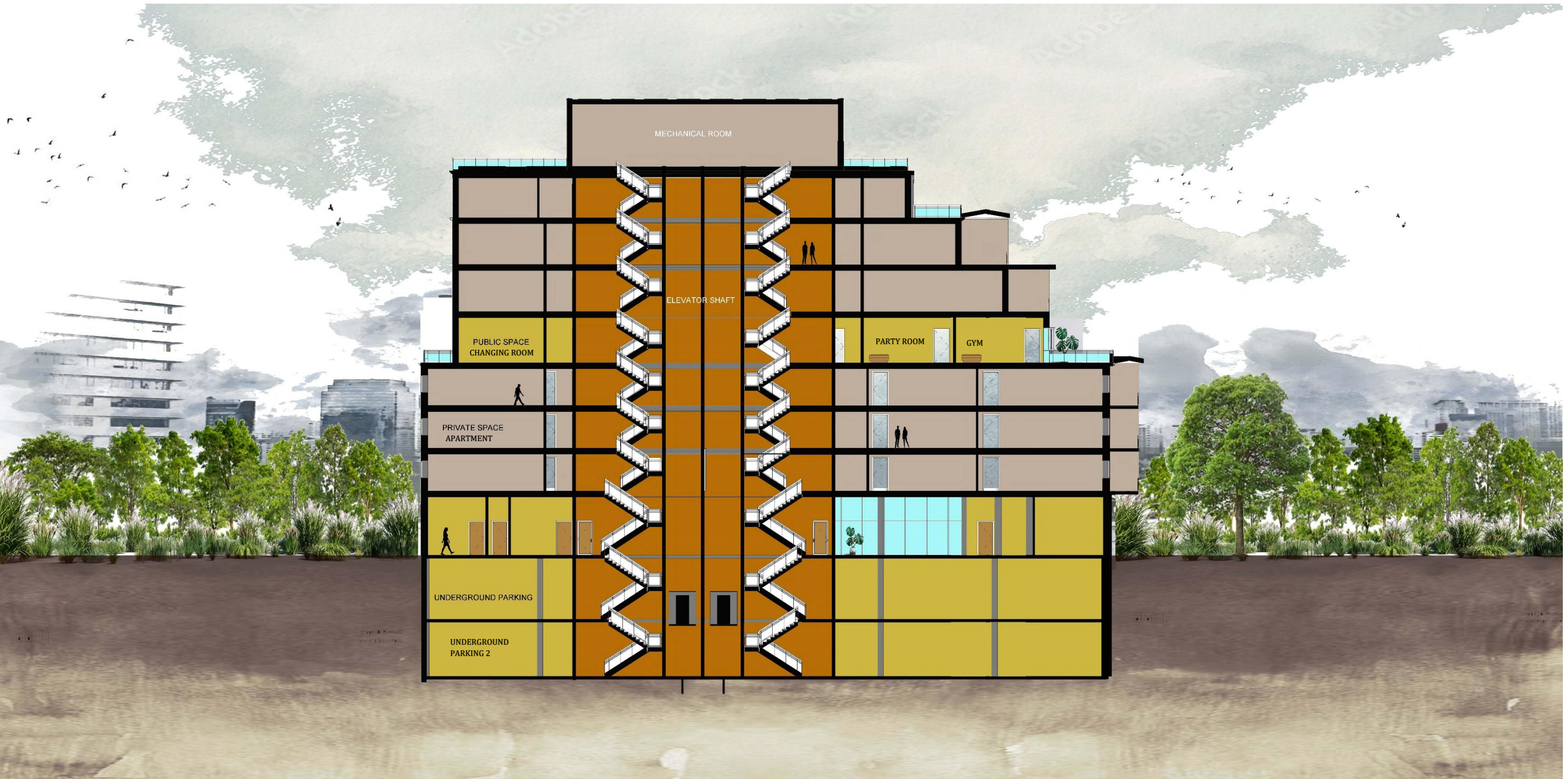
- PAVED WALKWAYS
- CONCRETE FLOORED PUBLIC SPACE
- STAIRS
- ELEVATOR
- CORRIDOR
- WOODEN FLOORED PRIVATE SPACES
- RETAIL SPACE
- MEETING ROOMS

FLOOR PLANS

- **FIRST FLOOR:**
 - ENTRANCE
 - LOBBY
 - OFFICES
 - RETAIL SPACES
 - CORE
 - MEETING ROOMS
- **SECOND FLOOR**
 - PARTY ROOM
 - GYM
 - TV ROOM
 - APARTMENTS
- **THIRD TO EIGHTH FLOOR**
 - APARTMENTS
 - OUTDOOR PATIO
- **NINTH FLOOR**
 - MECHANICAL ROOM
 - WALKWAY
 - GREEN ROOF
 - SOLAR PANELS



NORTH ELEVATION



SECTION

09

SEMESTER 5

Adaptive Reuse and Addition

This project explores an adaptive reuse strategy for the Hyde Park Kitchen Club, focusing on integrating a new addition within an existing educational site context. The design responds to site circulation, environmental conditions, and user accessibility to create a functional and cohesive spatial experience.

The site planning emphasizes clear movement patterns for pedestrians, staff, and service vehicles, ensuring efficient and safe circulation throughout the campus. Multiple entry points, including the main entrance and loading dock access, are strategically positioned to support both public and operational use.

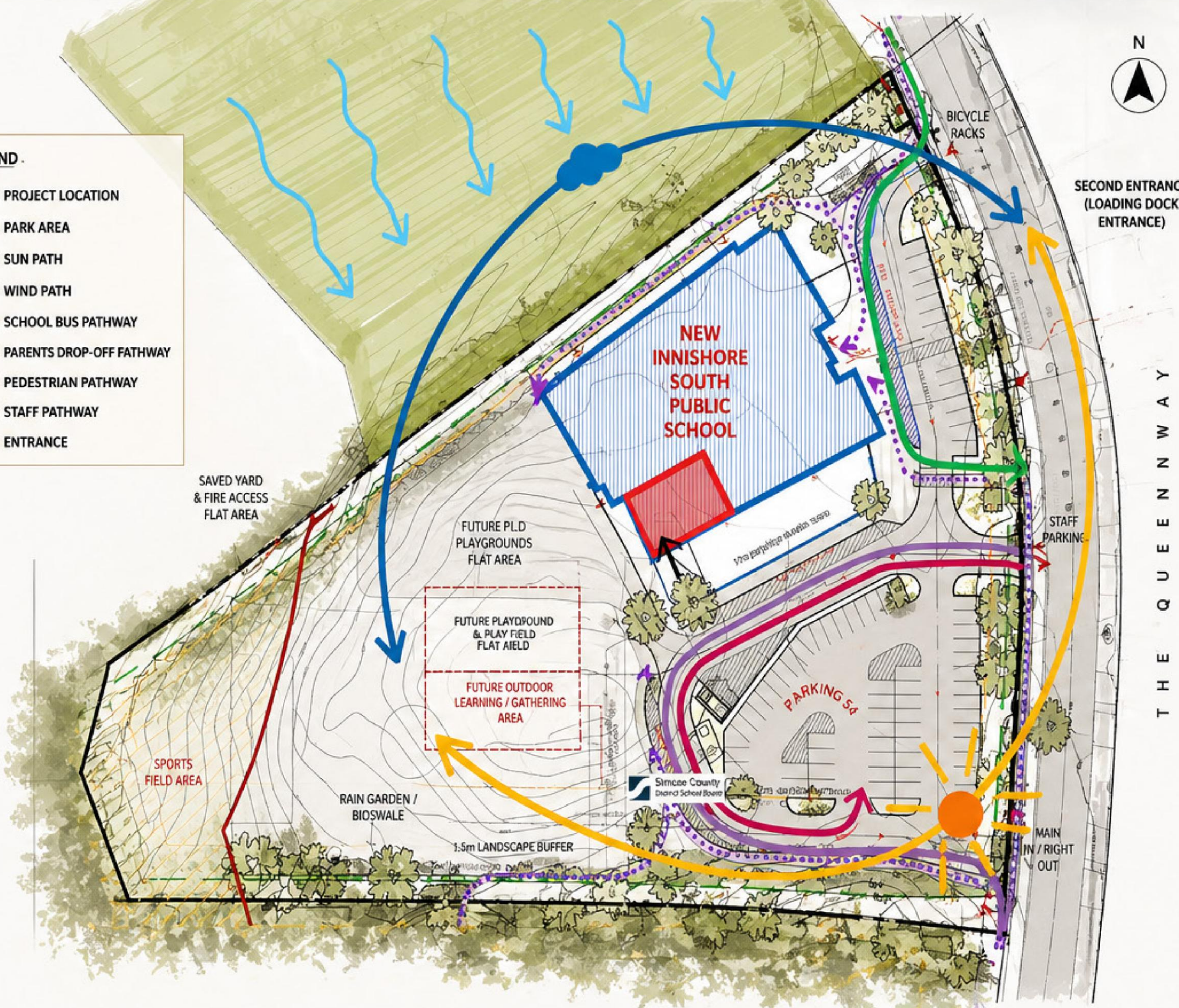
Environmental analysis informed the placement of green spaces, sun paths, and wind directions, enhancing outdoor usability and comfort. The design also incorporates open gathering areas and an amphitheater to encourage community interaction and flexible program use.

The proposal balances built form and landscape, creating a connected and accessible environment that supports both educational and social activities.

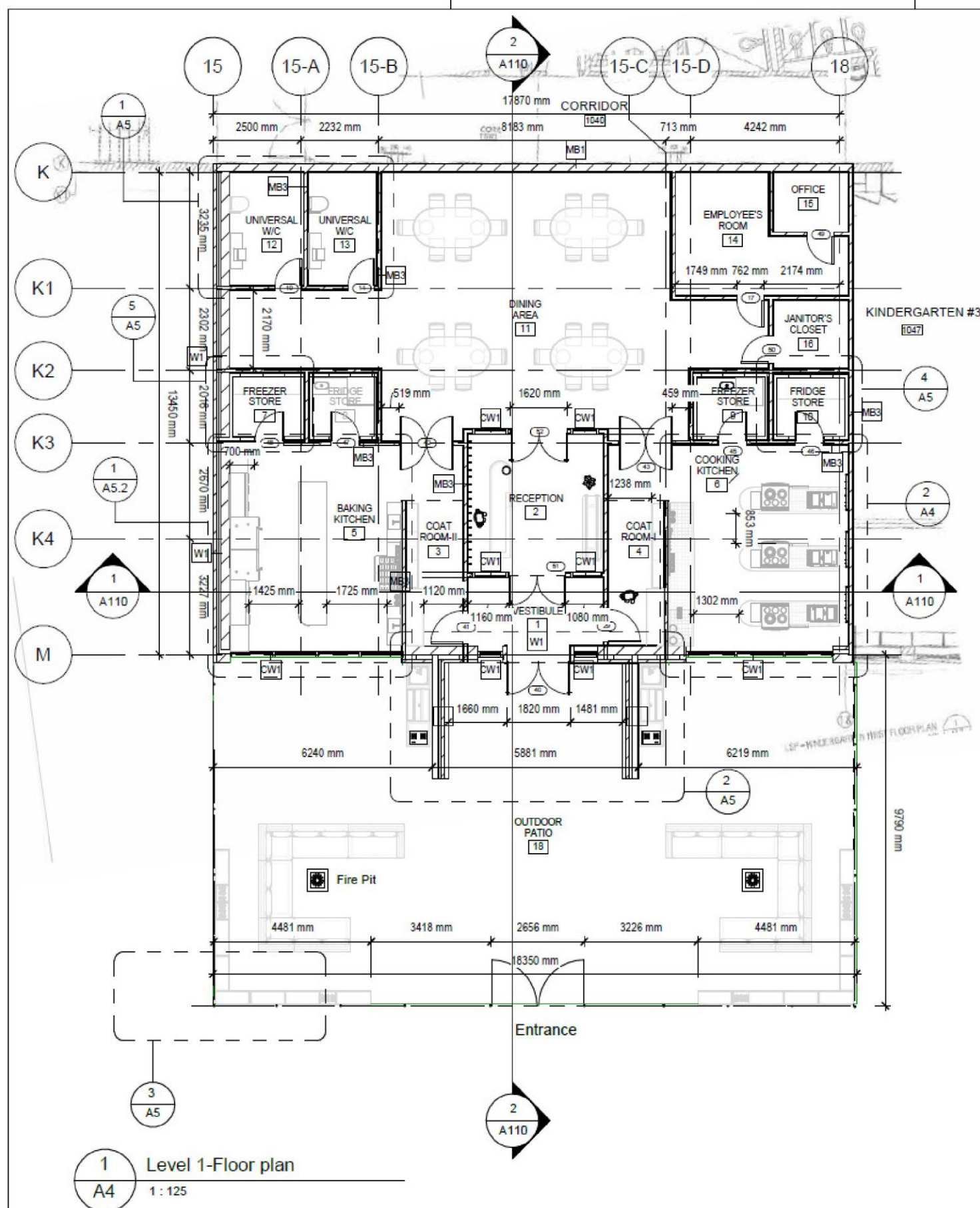
- Clear zoning: academic, service, and recreational areas
- Defined pedestrian and vehicular circulation routes
- Integration of environmental factors (sun, wind, landscape)
- Strategic placement of entrances and drop-off zones
- Community-focused outdoor spaces including amphitheater

LEGEND

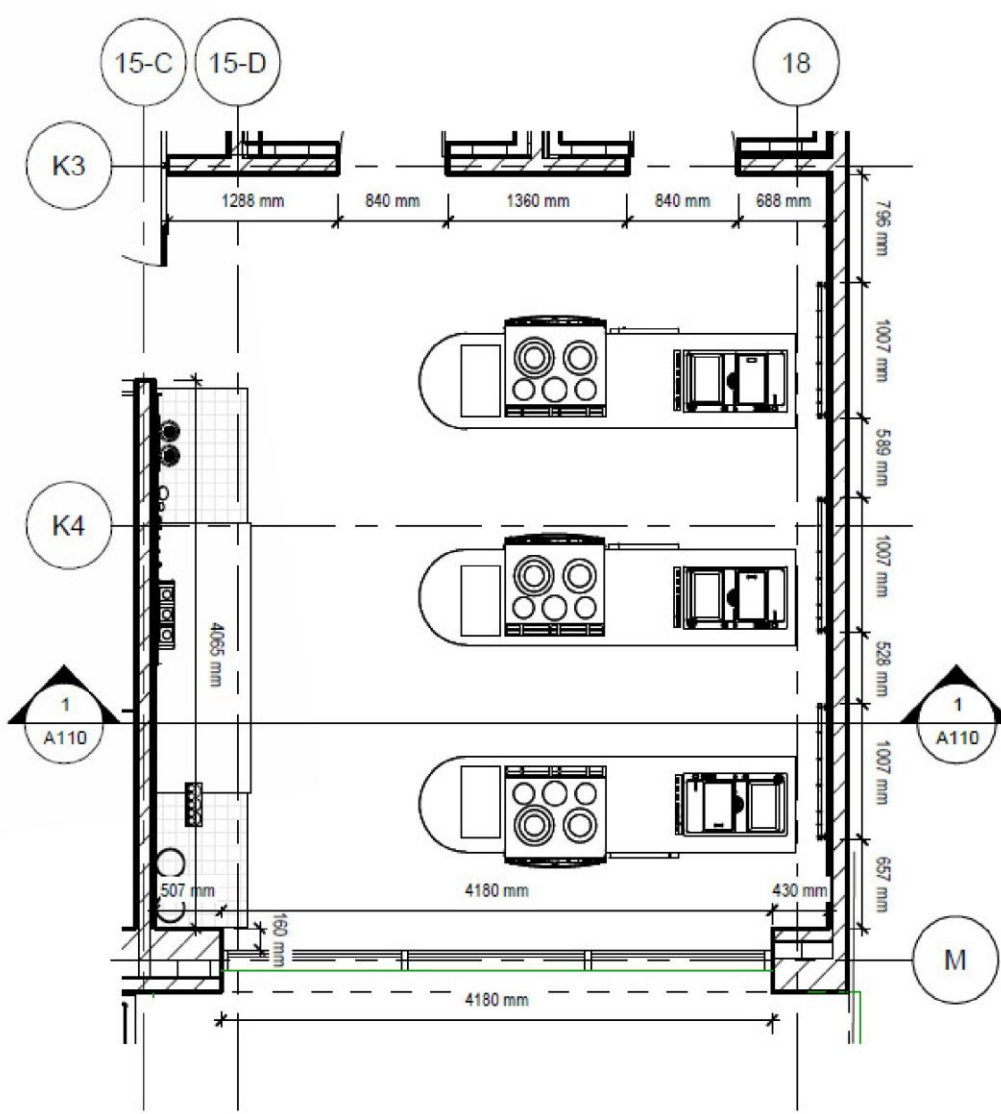
- PROJECT LOCATION
- PARK AREA
- SUN PATH
- WIND PATH
- SCHOOL BUS PATHWAY
- PARENTS DROP-OFF PATHWAY
- PEDESTRIAN PATHWAY
- STAFF PATHWAY
- ENTRANCE






Overall Site Strategy Diagram illustrating circulation, environmental response, and program zoning.



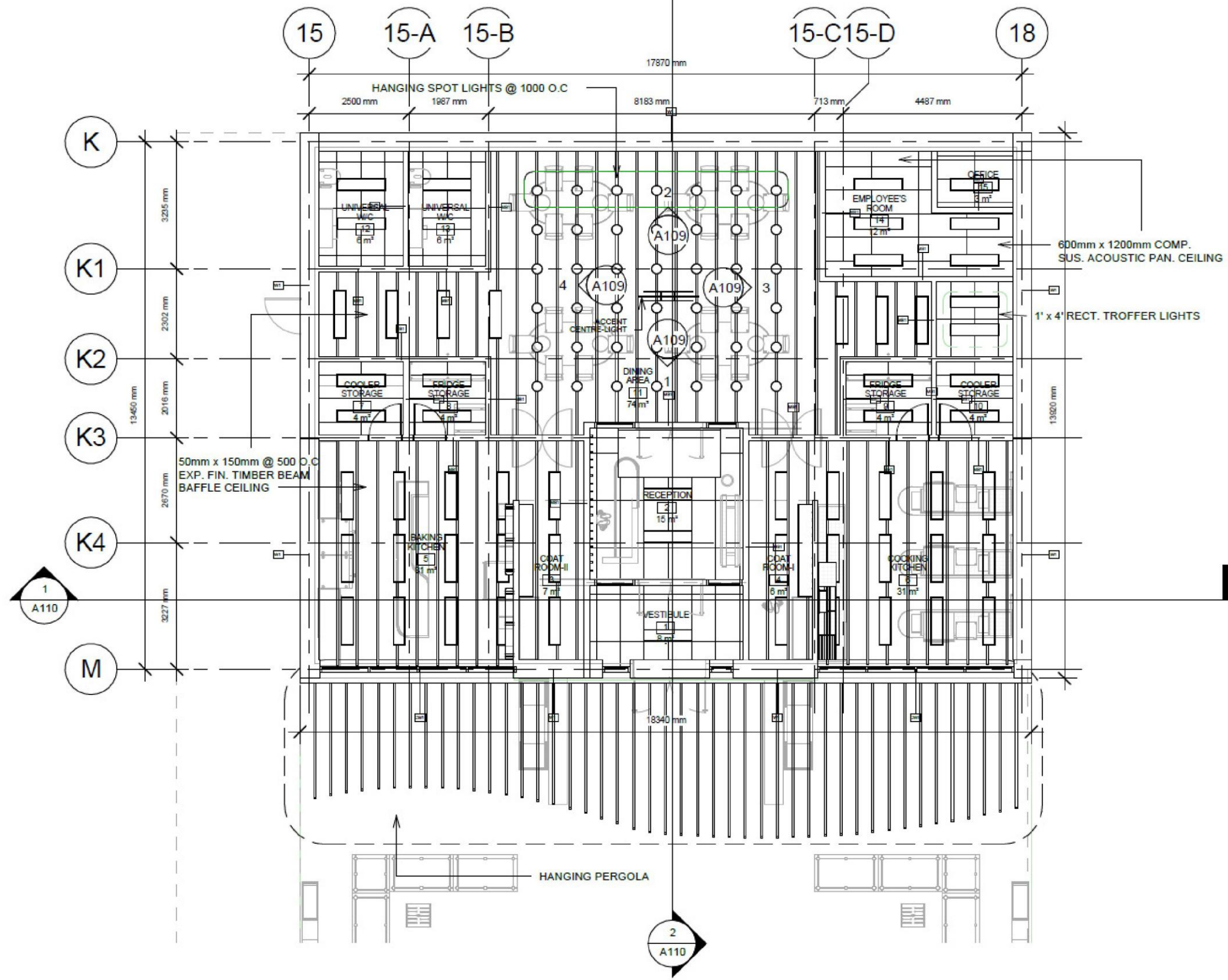
1 Level 1-Floor plan
1 : 125





2 COOKING KITCHEN DETAIL
1 : 50

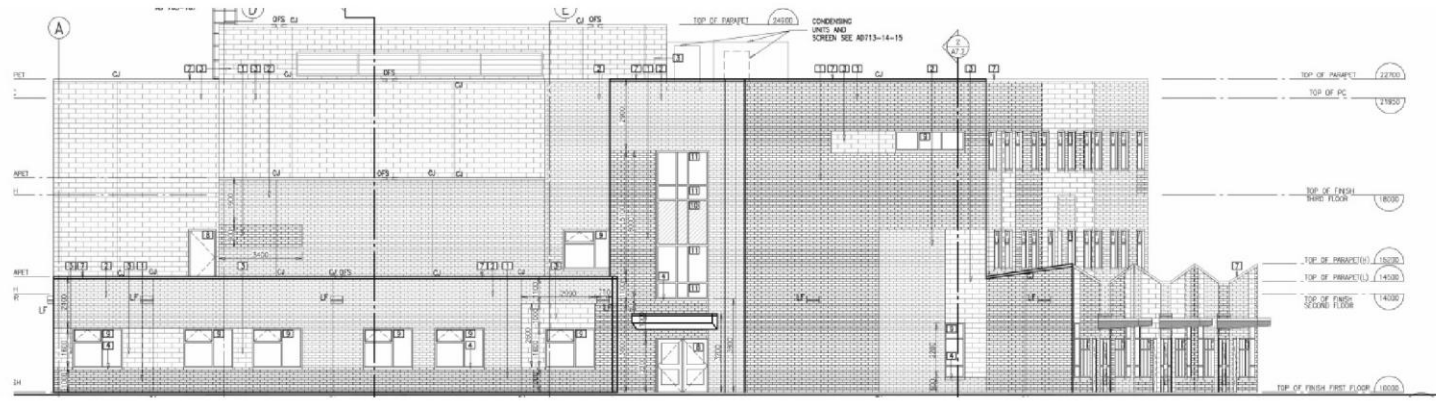
NO.	DESCRIPTION
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CONTRACTOR SHALL CHECK AND VERIFY ALL LAYOUT CONDITIONS, LAYOUT, AND OTHER CONDITIONS DATE WHICH MAY AFFECT THE LAYOUT AND CONSTRUCTION OF THE WORK. CONTRACTOR SHALL REPORT ALL DIMENSIONAL AND/OR INFORMATION AND/OR INSTRUCTION DISCREPANCIES TO THE CONSULTANT BEFORE PROCEEDING WITH THE WORK. DRAWINGS ARE NOT TO BE SCALED. CONTRACT DOCUMENTS SHALL REMAIN THE PROPERTY OF THE CONSULTANTS AND SHALL BE RETURNED UPON COMPLETION OF THE PROJECT. NO PORTION(S) OF THE CONTRACT DOCUMENTS MAY BE USED IN ANY FORM FOR ANY DESIGN AND/OR CONSTRUCTION PROJECT OTHER THAN THE PROJECT FOR WHICH THESE DOCUMENTS WERE ORIGINALLY PREPARED AND ISSUED BY THE CONSULTANTS.	
CONSULTANTS:	
PROFESSIONAL SEALS:	
	
 Humber Polytechnic 205 Humber College Blvd., Toronto, ON, Canada, M9W 5L7	
HYDE PARK KITCHEN CLUB TENDER NO.: 72 THE QUEENSWAY, BARRIE, ON L4M 7J3	
 S ARCHITECTS JAGDEEPAK BAJWA CHELSEA CAPINDING VICTORIA HUSSAIN FORAM PATEL NIDHIBEN RATHOD	
PROJECT NO.:	
CAD FILE NAME:	
PLOT DATE:	ISSUE/REV. DATE:
DWG. ISSUE/REV.:	ISSUED FOR:
DRAWN/CHECKED:	SCALE: 1:125
ARC-351-0NC	
A4	
2/4/2026 12:31:23 PM	

DRAWING NAME: FLOOR PLAN

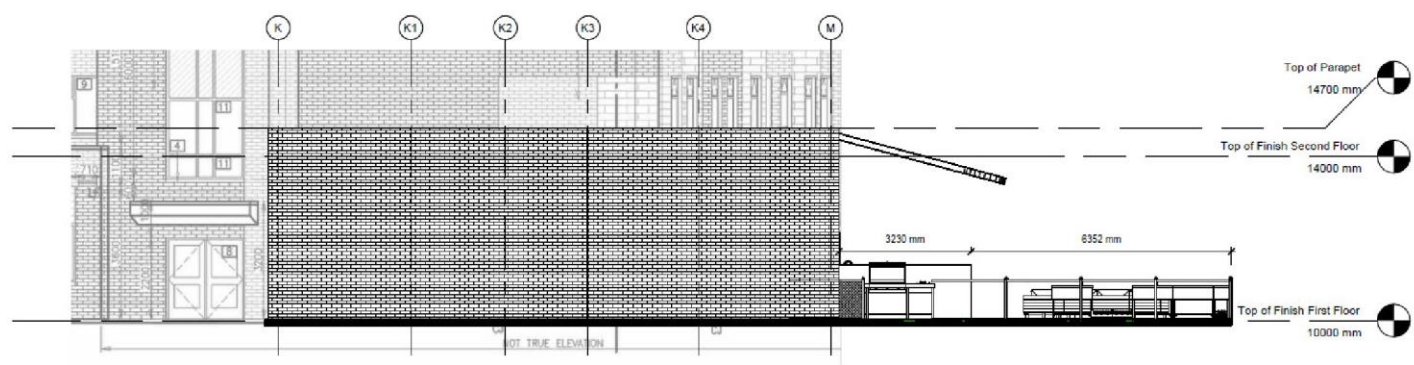


NO.	DESCRIPTION
DWG. ISSUE AND/OR REV. NOTES:	
CONTRACTOR SHALL CHECK AND VERIFY ALL LAYOUT CONDITIONS, LAYOUT, AND OTHER CONDITIONS DATE WHICH MAY AFFECT THE LAYOUT AND CONSTRUCTION OF THE WORK. CONTRACTOR SHALL REPORT ALL DIMENSIONAL AND/OR INFORMATION AND/OR INSTRUCTION DISCREPANCIES TO THE CONSULTANT BEFORE PROCEEDING WITH THE WORK. DRAWINGS ARE NOT TO BE SCALED. CONTRACT DOCUMENTS SHALL REMAIN THE PROPERTY OF THE CONSULTANTS AND SHALL BE RETURNED UPON COMPLETION OF THE PROJECT. NO PORTION(S) OF THE CONTRACT DOCUMENTS MAY BE USED IN ANY FORM FOR ANY DESIGN AND/OR CONSTRUCTION PROJECT OTHER THAN THE PROJECT FOR WHICH THESE DOCUMENTS WERE ORIGINALLY PREPARED AND ISSUED BY THE CONSULTANTS.	
CONSULTANTS:	
PROFESSIONAL SEALS:	
 Humber Polytechnic 205 Humber College Blvd., Toronto, ON, Canada, M9W 5L7	
HYDE PARK KITCHEN CLUB TENDER NO: 72 THE QUEENSWAY, BARRIE, ON L4M 7J3	
 S ARCHITECTS JAGDEEPAK BAJWA CHELSEA CAPINDING VICTORIA HUSSAIN FORAM PATEL NIDHIBEN RATHOD	
PROJECT NO.	
CAD FILE NAME	
PLOT DATE:	ISSUE/REV. DATE:
DWG. ISSUE/REV.:	ISSUED FOR:
DRAWN/CHECKED:	SCALE: 1:100
DRAWING NAME:	
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A4	
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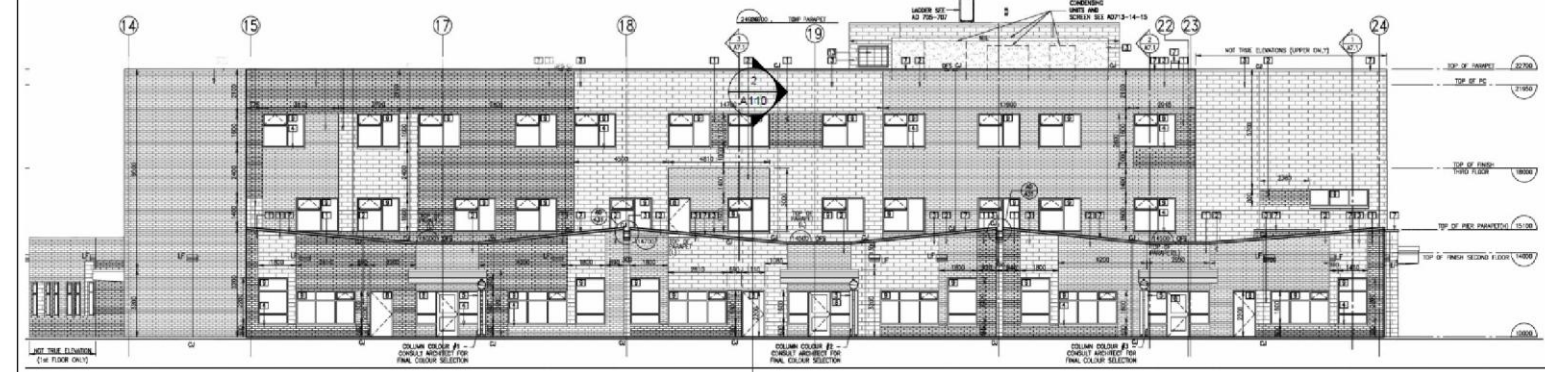
REFLECTED CEILING PLAN



1 EXISTING WEST ELEVATION
A8 NTS
* FOR ORIGINAL ELEVATION SEE ORIGINAL DRAWING SET
3 WEST ELEVATION
A6.1 1:100

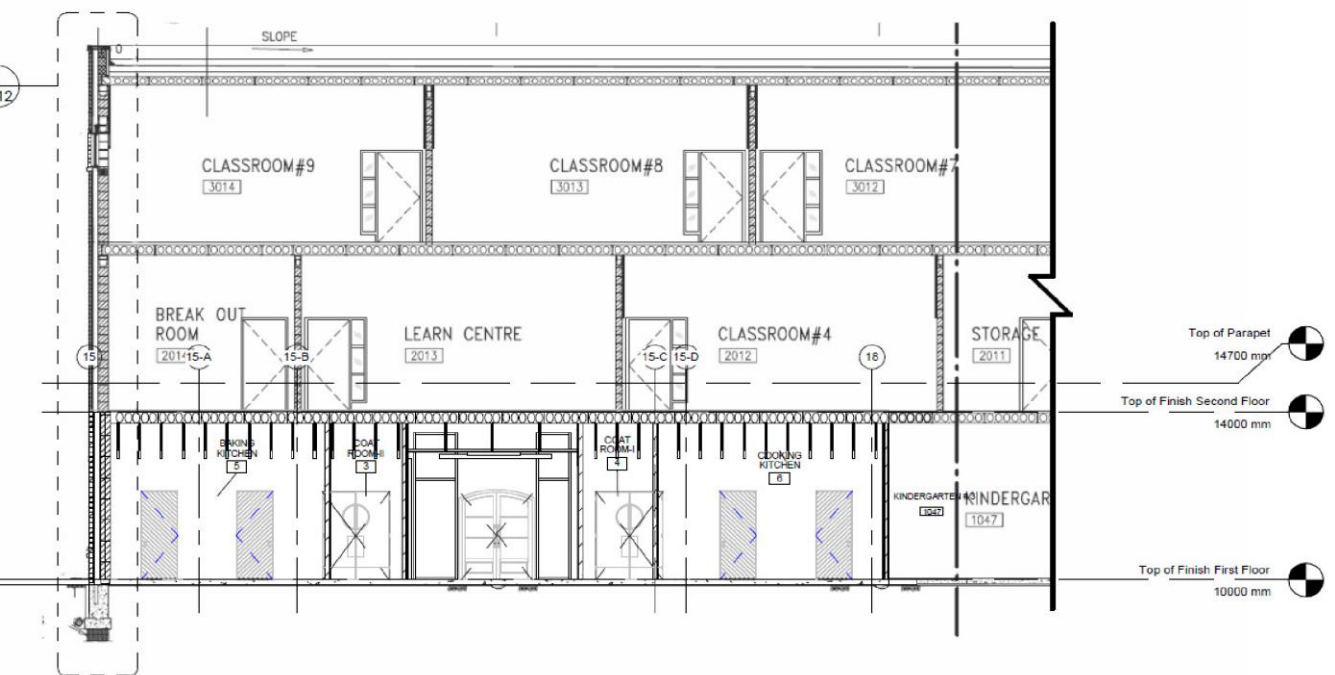
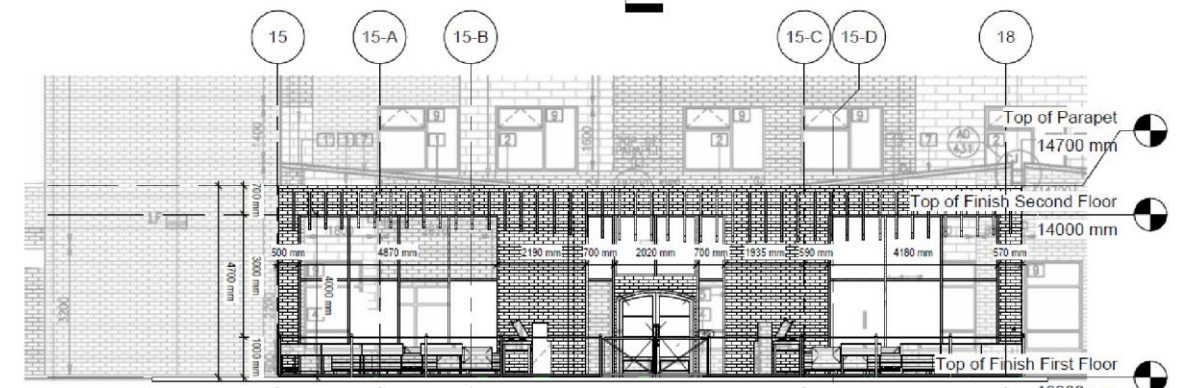


2 WEST ELEVATION
A8 1:100

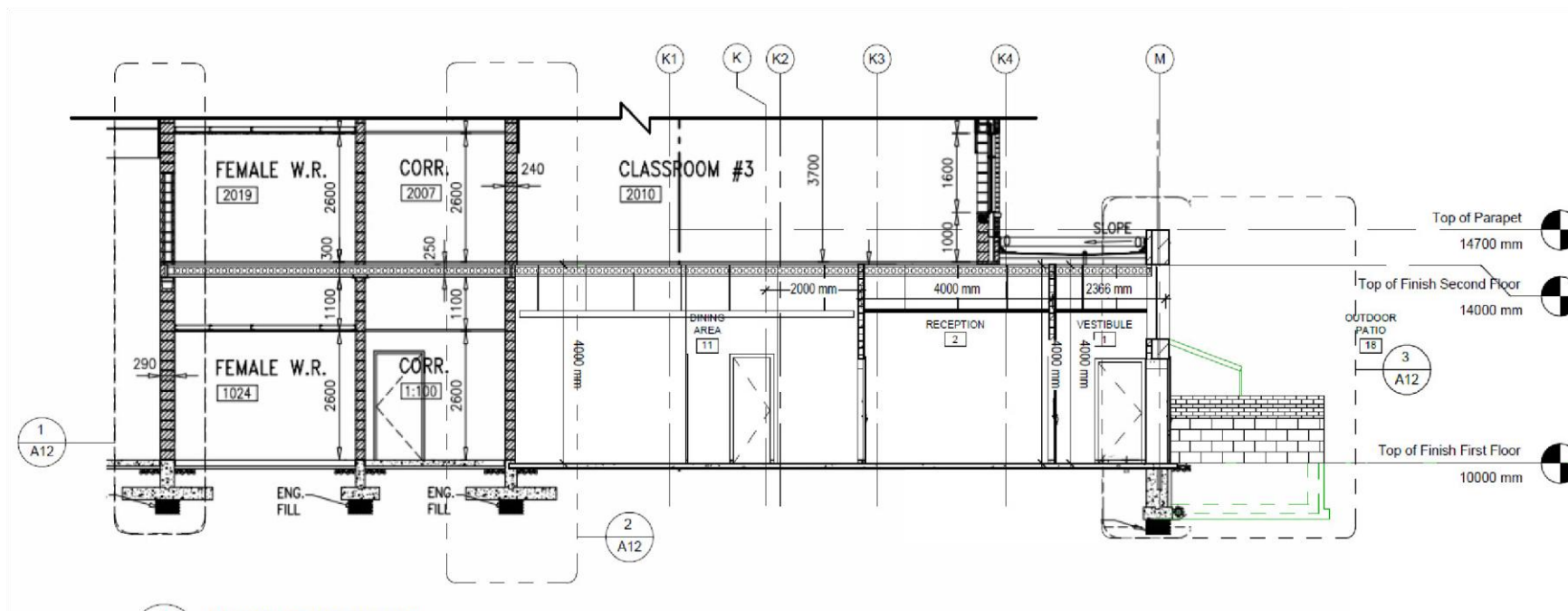


EXISTING SOUTH ELEVATION

1 PROPOSED SOUTH ELEVATION
A6 1:100



1 BUILDING SECTION 1
A10 1:100



1 BUILDING SECTION 2
A11 1:100



Kitchen Concept for Cooking Area:

- 01 Floor Type:
 - Natural Timber(Oak/Walnut), Mid-Dark Brown
 - Kitchen: Stone or Porcelain Tile, Matte/ Honed Warm Grey or travertine Beige

- 02 Wall Type:
 - Textured Plaster/ Stucco, Matte, Warm Off-White
 - Feature Walls In Natural Stone or Timber Panel/ Sati Finish, Beige/Oak Tone
 - Splashback In Stone Tile, Composite Surface, Satin, Neutral Beige

- 03 Lighting:
 - Pendant Lights In Brass or Brushed Gold, Warm White
 - Wall Scones Frosted Glass, Linen Shade Warm
 - Recessed Down Lights, White trim, Warm

- 04 Colour Palette:
 - Base: Ivory, Taupe, Cream, Turquoise, Dark Brown
 - Accents: Olive Green, Terracotta, Sand, Red
 - Highlights: Brass, Muted Gold, Forest Green



Baking Concept for Cooking Area:

- 01 Floor Type:
 - Natural Timber (Oak or Walnut)
 - Kitchen: Mid-Dark Brown tone, matte or satin finish
- 02 Wall Type:
 - Textured Plaster / Stucco, Matte, Warm Off-White
 - Natural Stone or Timber Panel, Satin Finish in Beige / Oak Tone
 - tone Tile or Composite Surface, Satin Finish, Neutral Beige
- 03 Lighting:
 - Brass or Brushed Gold finish, Warm White light temperature
 - Frosted Glass or Linen Shade, Warm ambient glow
 - White trim, Warm tone for soft overall illumination

HYDE PARK KITCHEN CLUB
72 THE QUEENSWAY, BARRIE, ON L4M 7J4 CLIENT: SIMCOE COUNTY DSB SCALE:
MOOD BOARD
CHSELSEA CAPRIGNO
NEHA RATHOD
FORAM PATEL
VICTORIA HUSSAIN
JACQUELIN BANJA

ARC 300-INC
A106
205 Humber College Blvd., Toronto, ON, Canada, M9W 5L7
Phone: (416) 475-2911
Email: enquiry@humber.ca
2025-12-15 5:09:04 PM

Material Outline Specifications:

A1.01 Flooring
Division 12 - Finishes
Floor Type: - Natural Timber
Color: - Dark Brown
Manufacturer: - KTC

A1.02 Wall/Base
Division 12 - Finishes
Wall Type: - Textured Plaster
Color: - Warm Off-White
Manufacturer: - KTC

A1.03 Ceiling
Division 12 - Finishes
Ceiling Type: - Acoustic Ceiling
Color: - White
Manufacturer: - KTC

A1.04 Lights
Division 15 - Electrical + Lighting
Lighting: - Pendant Lights
Color: - Brass
Manufacturer: - KTC

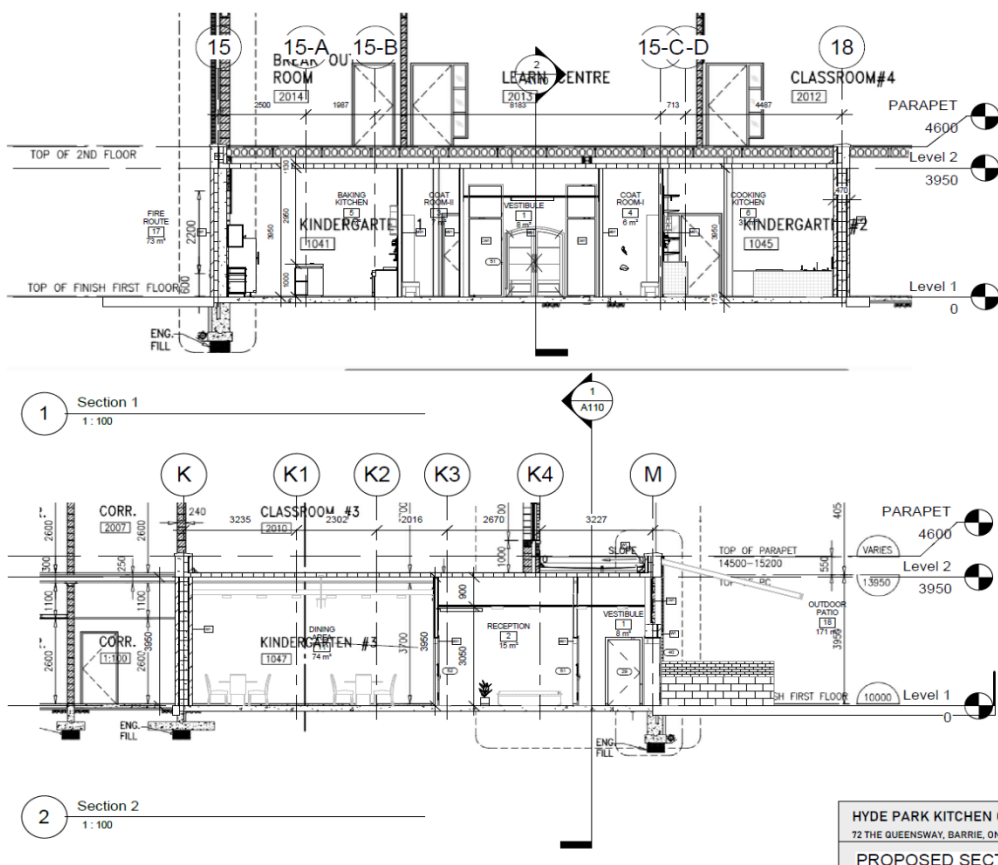
A1.05 Doors
Division 15 - Electrical + Lighting
Door Type: - Solid Core
Color: - Dark Brown
Manufacturer: - KTC

A1.06 Fixtures
Division 15 - Electrical + Lighting
Fixture Type: - Scones
Color: - Frosted Glass
Manufacturer: - KTC

A1.07 Furnishing
Division 12 - Finishes
Furniture Type: - Dining Chair
Color: - Dark Brown
Manufacturer: - KTC

HYDE PARK KITCHEN CLUB
72 THE QUEENSWAY, BARRIE, ON L4M 7J4 CLIENT: SIMCOE COUNTY DSB SCALE:
MATERIAL OUTLINE SPECIFICATION
CHSELSEA CAPRIGNO
NEHA RATHOD
FORAM PATEL
VICTORIA HUSSAIN
JACQUELIN BANJA

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WALL TYPE SCHEDULE

NOTE: NOT ALL TYPES ARE NECESSARILY USED ON THIS PROJECT. REFER TO PLANS.

CW1	TYPICAL EXTERIOR WALL CONSTRUCTION 90MM (ACTUAL) FACE BRICK ON 125MM (ACTUAL) CMU WITH BRICK GUTTY WALL INSULATION ON AIR/VAPOR BARRIER ON 250MM (ACTUAL) LIGHTWEIGHT BLOCK-UMB (EXTERIOR WALL THICKNESS)
W1	BASE WALL FINISHING AT MAJORITY WALL (500 OR 600 HIGH) : 90MM (ACTUAL) FACE BRICK ON 125MM (ACTUAL) CMU WITH BRICK GUTTY WALL INSULATION ON AIR/VAPOR BARRIER ON 250MM (ACTUAL) LIGHTWEIGHT BLOCK-UMB (EXTERIOR WALL THICKNESS) WOODEN FRAMING FILLED WITH FOAM SEAL REB INSULATION 15MM EXT. GRADE PLYWOOD FLEXIBLE FLASHING BEARING PREFINISHED METAL FLASHING
PW1	15MM OPSIM BOARD (TYPE X) ON 90MM EXT. STUDS @ 400 O.C. TO LAP CEILING ON 15MM OPSIM BOARD (125MM WALL THICKNESS) USE = BR17 FIRE RATING = 1HR REPLACE OPSIM BOARD WITH ABUSE RESISTANT OPSIM BOARD
PW2	15MM ABUSE RESISTANT OPSIM BOARD (AR-08) ON 15MM PLYWOOD ON 152MM INT. STUDS @ 400 O.C. FROM F.F.L. TO LAP CEILING ON 15MM PLYWOOD ON 15MM ABUSE RESISTANT OPSIM BOARD (AR-08) (225MM WALL THICKNESS) USE = N/A FIRE RATING = N/A INSTALL 150MM GARDI FIBRE SOUND ATTENUATION BATT INSULATION BETWEEN STUDS

HYDE PARK KITCHEN CLUB
72 THE QUEENSWAY, BARRIE, ON L4M 7J4 CLIENT: SIMCOE COUNTY DSB SCALE: 1:100
PROPOSED SECTIONS
CHSELSEA CAPRIGNO
NEHA RATHOD
FORAM PATEL
VICTORIA HUSSAIN
JACQUELIN BANJA

ARC 300-INC
A110
205 Humber College Blvd., Toronto, ON, Canada, M9W 5L7
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Email: enquiry@humber.ca
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INNISHORE SOUTH PUBLIC SCHOOL
New School Construction
Project No.: 2011129
January 1st, 2026

1. Overall Project Statistics and Summary

Item	Unit	Quantity	Unit Cost	Item Total	Total	Share
1.1 Overall Project	1000 sq. ft.	2,300	\$1.00	\$2,300.00	\$2,300.00	100%

2. Project Sub-Costs

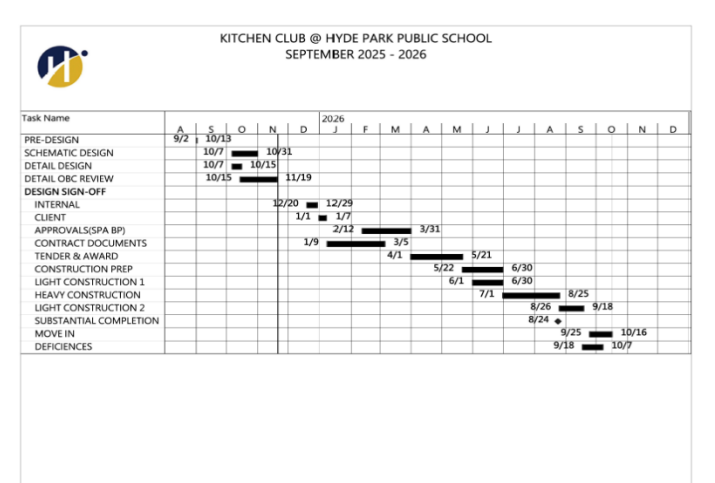
Item	Unit	Quantity	Unit Cost	Item Total	Total	Share
2.1 Sub-Total				\$1,150,000	\$1,150,000	100%

3. Construction Costs-General Breakdown

Item	Unit	Quantity	Unit Cost	Item Total	Total	Share
3.1 Sub-Total				\$1,150,000	\$1,150,000	100%

4. Furniture and Equipment Allowance

Item	Unit	Quantity	Unit Cost	Item Total	Total	Share
4.1 Sub-Total				\$100,000	\$100,000	100%



HYDE PARK KITCHEN CLUB
72 THE QUEENSWAY, BARRIE, ON L4M 7J4 CLIENT: SIMCOE COUNTY DSB SCALE:
PROJECT SCHEDULE & BUDGET
CHSELSEA CAPRIGNO
NEHA RATHOD
FORAM PATEL
VICTORIA HUSSAIN
JACQUELIN BANJA

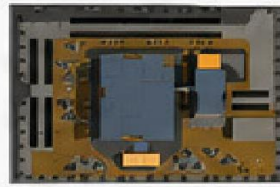
ARC 300-INC
A105
205 Humber College Blvd., Toronto, ON, Canada, M9W 5L7
Phone: (416) 475-2911
Email: enquiry@humber.ca
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African Heritage Centre Project

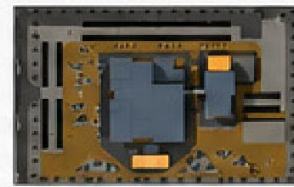
A cultural and community oriented center that celebrates African heritage through architecture, landscape and sustainable design. The design integrates passive strategies, local materials and modern construction systems to create a vibrant, inclusive and environmentally responsive public space.

ENVIRONMENTAL ANALYSIS – SUN STUDY

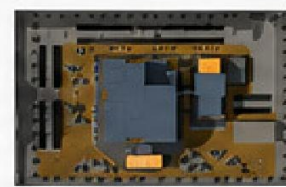
SUMMER SOLSTICE (JUNE 21)



JUNE 21 - 9 AM

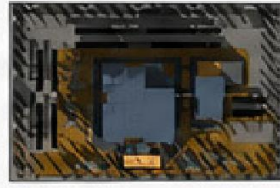


JUNE 21 - 12 PM

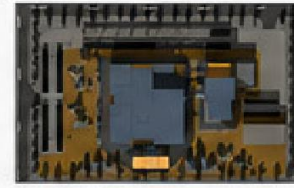


JUNE 21 - 3 PM

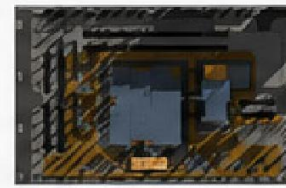
WINTER SOLSTICE (DEC 21)



DEC 21 - 9 AM

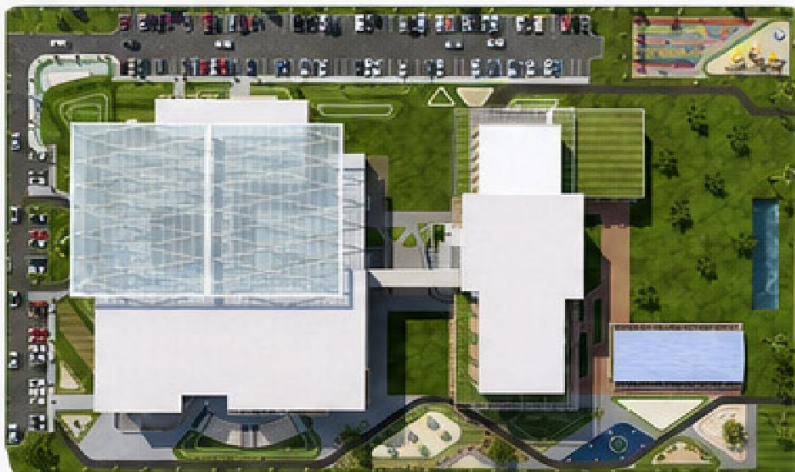


DEC 21 - 12 PM

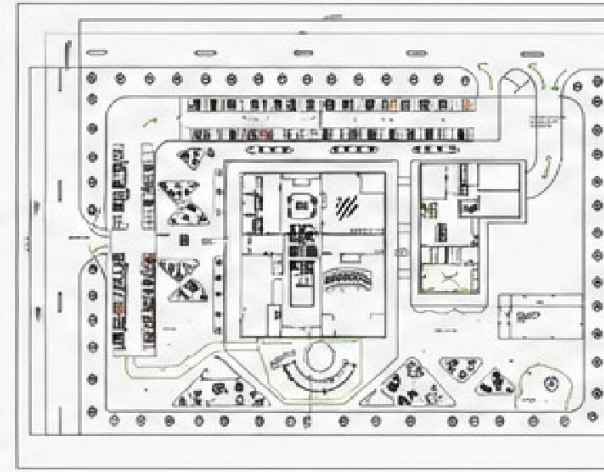


DEC 21 - 3 PM

SITE VISUALIZATION



SITE PLAN



PARKING DETAILS
REFER SHEET A-05

PARKING REQUIREMENTS

- TOTAL PARKING 100
- PEDESTAL 100
- ACCESSIBLE PARKING 6
- EV PARKING 4
- MOTORCYCLE 10

SITE AREA
6.31 ACRES

African Heritage Centre

SITE PLAN

N
A

DESIGN PERSPECTIVES



OUTDOOR AMPHITHEATRE



ENTRANCE LANDSCAPE AXIS



NIGHT VIEW - MAIN APPROACH



CHILDREN'S PLAY AREA



PARKING WITH SOLAR CANOPY



EV CHARGING STATION



RAIN GARDEN & SEATING

PASSIVE DESIGN
Optimized orientation, shading and natural ventilation

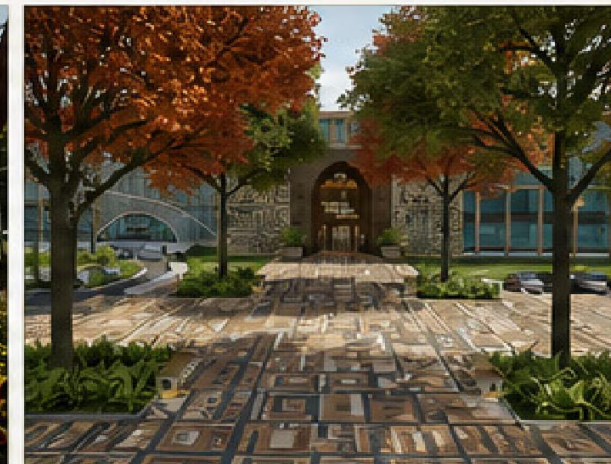
CULTURAL IDENTITY
Incorporating African patterns and local materials

COMMUNITY INTEGRATION
Open public spaces for learning, engagement and celebration

SUSTAINABLE LANDSCAPE
Native planting, rainwater harvesting and green spaces

AFRICAN HERITAGE CENTRE PROJECT

DESIGN PERSPECTIVES & SITE AMENITIES



CULTURAL EXPRESSION
Celebrating African heritage through form, pattern and materiality

COMMUNITY FOCUSED
Creating inclusive spaces that bring people together for learning and events

ECO RESPONSIVE
Landscape and building strategies that respond to climate and context

SUSTAINABLE SOLUTIONS
Solar energy, rainwater harvesting and native vegetation integration

HYBRID CONSTRUCTION APPROACH

Combining modern structural systems with local materials and passive strategies for efficiency, durability and cultural relevance.



LOCAL MATERIAL PALETTE



SUSTAINABILITY STRATEGIES

- NATURAL VENTILATION
- SOLAR ENERGY
- RAINWATER HARVESTING
- NATIVE LANDSCAPE

