architecture portfolio.

2019-2022

Ekta Chavda

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01

Charotar Resort & Club (Neonz)
Kamdhenu Building

Project Type: Hospitality Architecture
Location: Ahmedabad
Status: Under construction

Overview:
Part of the Charotar Resort & Club, the Kamdhenu Building was designed to provide functional and appealing spaces for premium hospitality services.

Role:
- Prepared detailed construction drawings and furniture layouts using AutoCAD.
- Coordinated with electrical, mechanical, structural, and plumbing consultants.
- Collaborated with the Senior Architect and Project Manager to maintain quality and timelines.
- Conducted site visits and arranged meetings to ensure smooth project execution.

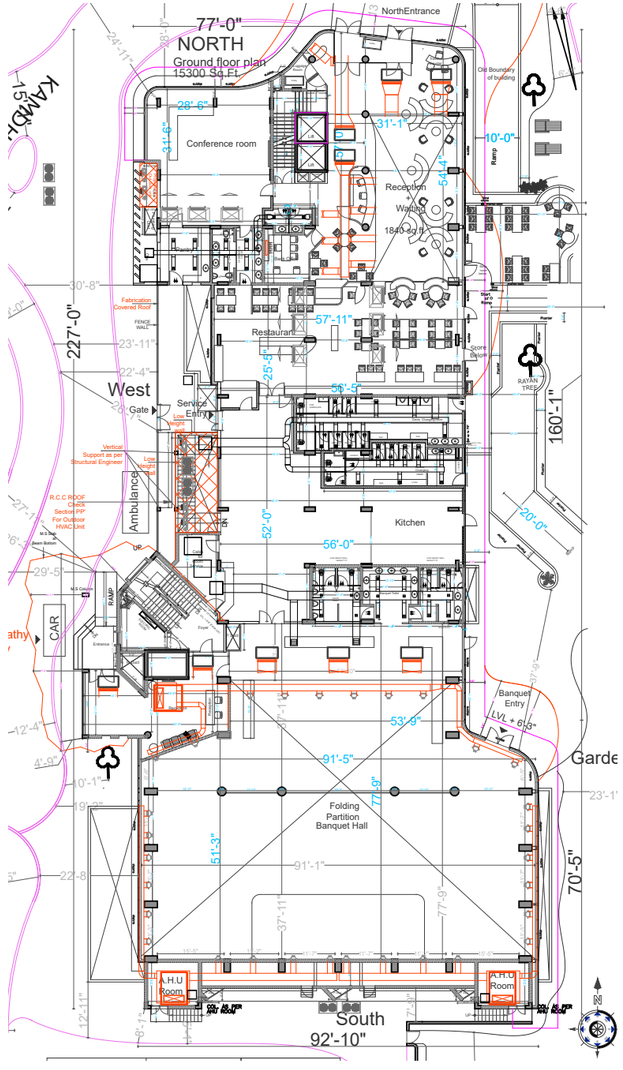
Tools & Software:
AutoCAD

Key Contributions:
- Initiated the project workflow, setting a strong foundation for the team's efforts.
- Maintained efficient communication and coordination, ensuring project alignment across all disciplines.
- Facilitated the on-time delivery of accurate construction drawings and layouts.

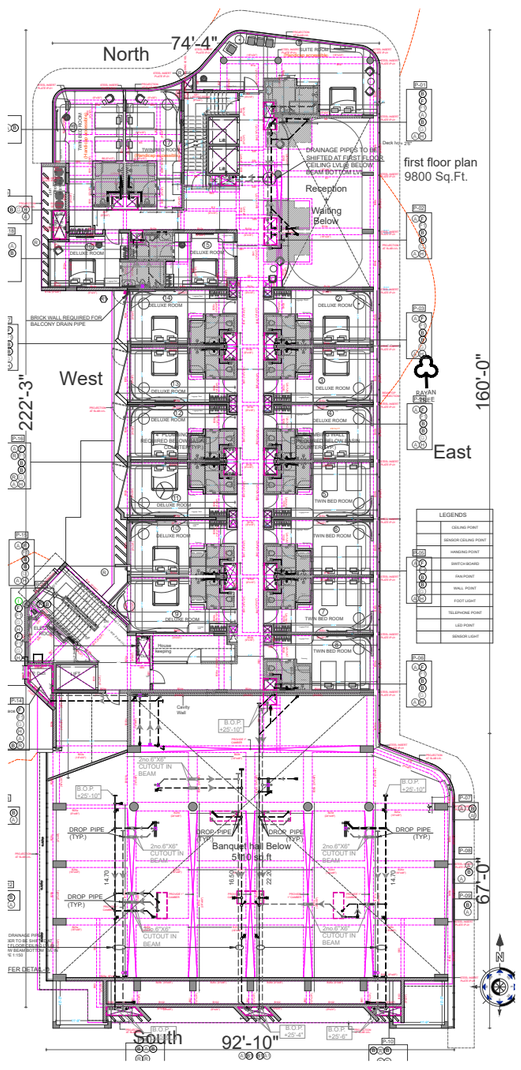
Outcome:
The building progressed steadily under construction, with all design and construction activities effectively managed to align with the project timeline and goals.



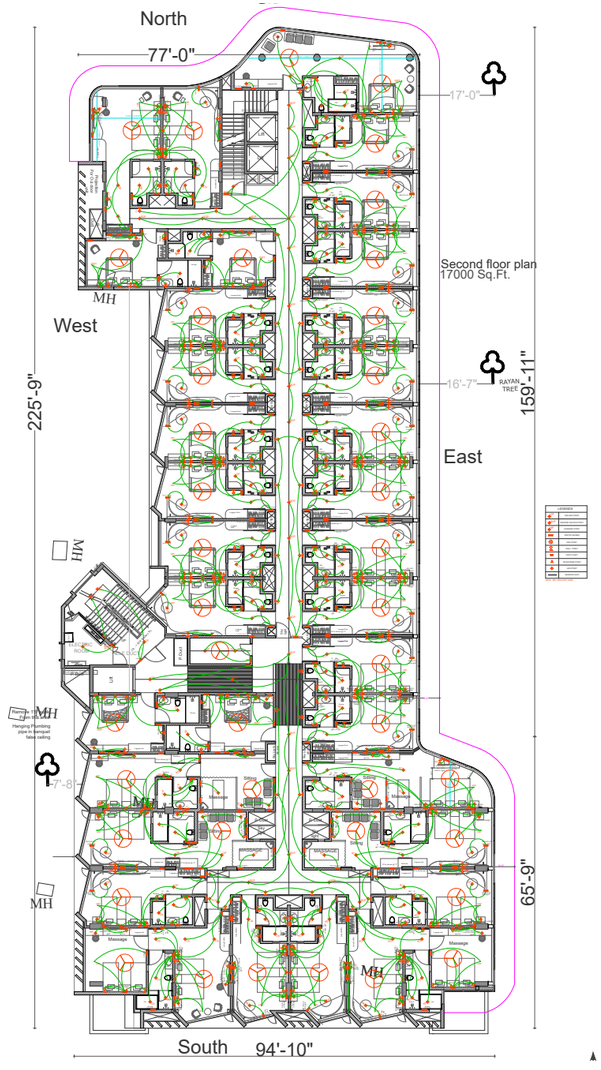

11A
10A
12A
9B
8C
7A
6A
5B
4A
3C
2B
1A
Stage
Pool
Deck
Island Restaurant
Lake
Party Plot
Mini Golf
N



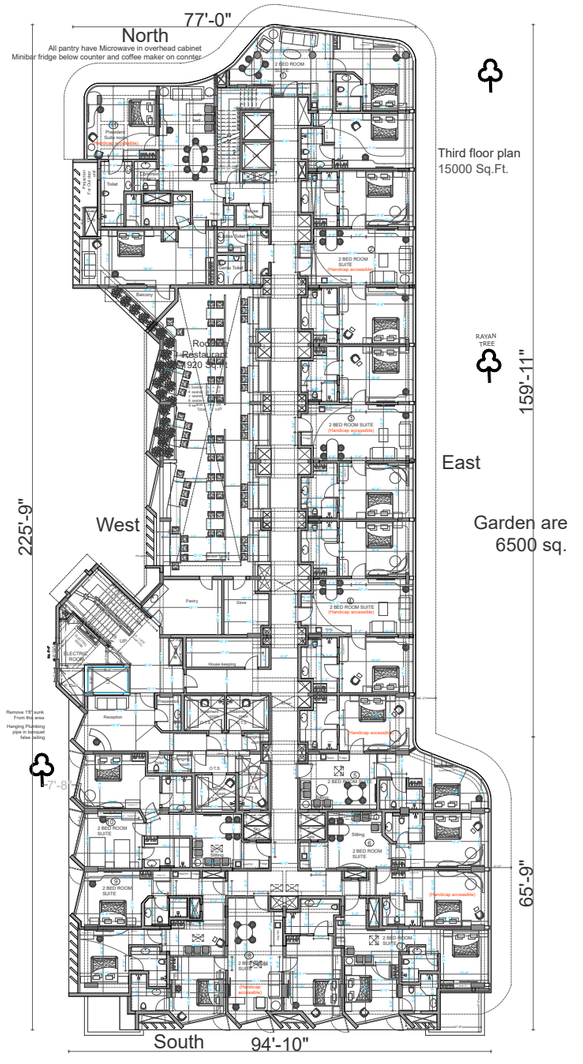
First floor plan
HVAC layout



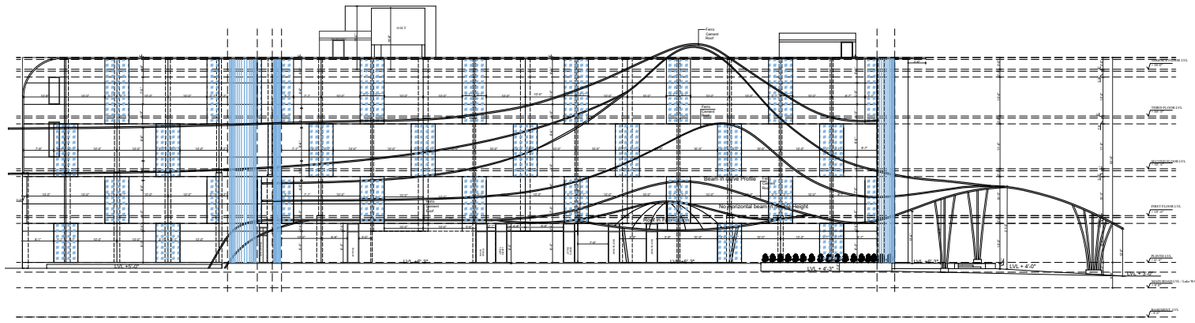
Second floor plan
Plumbing layout



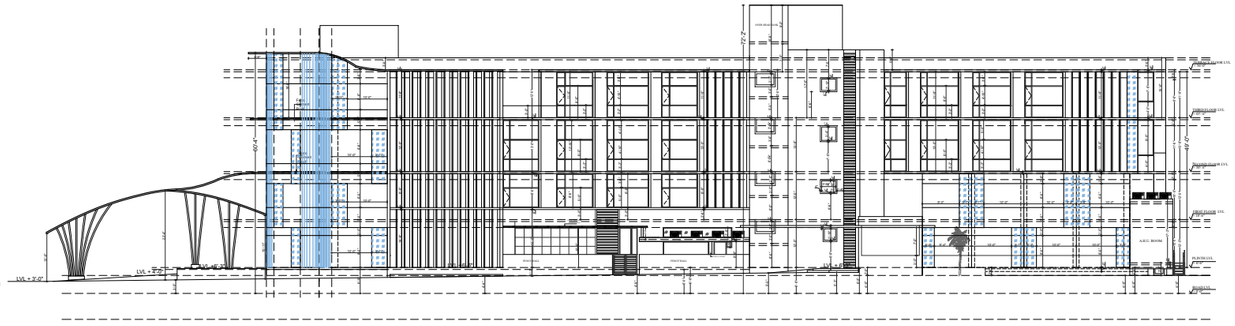
Third floor plan
Electrical layout



Third floor plan
Furniture layout



East elevation



West elevation

















02

Steefo Steel Corporate Office

Project Type: Corporate Office Landscaping
Location: Ahmedabad
Status: Competed

Overview:
Worked on the landscape design for the Steefo Steel Corporate Office in collaboration with a senior architect. The project aimed to create a functional and aesthetically pleasing outdoor environment, incorporating planters, lawns, and both hard and soft pavements. Particular attention was given to ensuring proper slope directions for efficient drainage.

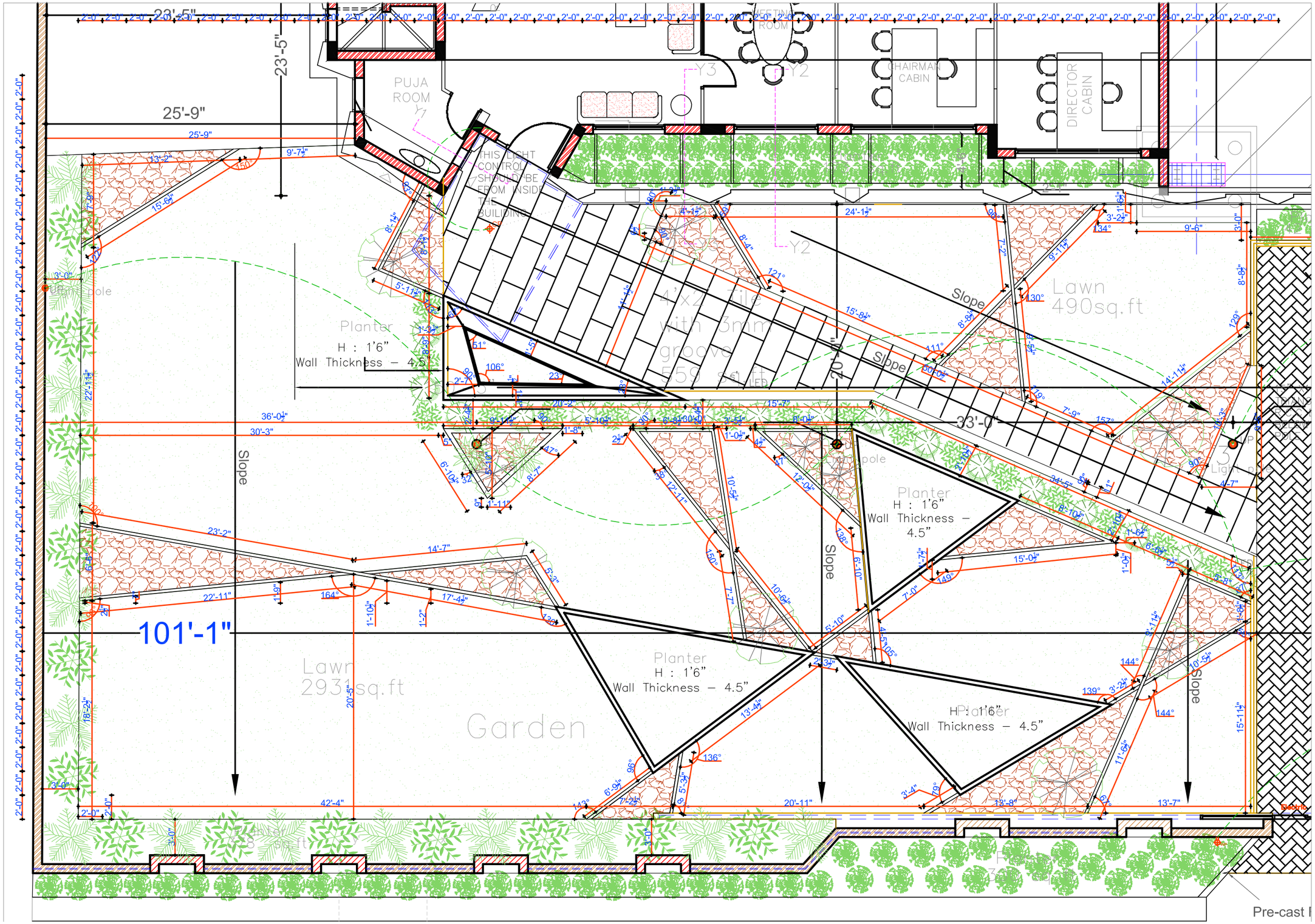
Role:
- Assisted in designing the landscape garden layout, including the placement of planters, lawn areas, and pavements.
- Determined the types of hard and soft materials to be used for the pavements.
- Prepared working and detailed drawings using AutoCAD software.

Tools & Software:
AutoCAD

Key Contributions:
- Successfully completed all assigned tasks within the given timeline.
- Produced precise working and detailed drawings that facilitated smooth implementation of the design.
- Collaborated effectively with the senior architect to align the landscape design with the overall project vision.

Outcome:
- The corporate office project was completed successfully, with the landscape design prepared for implementation, ensuring functional and visually appealing outdoor spaces.




23'-5"
25'-9"
PUJA ROOM
MEETING ROOM
CHAIRMAN CABIN
DIRECTOR CABIN
THIS LIGHT CONTROL SHOULD BE FROM INSIDE THE BUILDING
Planter
H : 1'6"
Wall Thickness – 4.5"
4'x2' Tile with 3mm groove
559 sq.ft
Lawn
490sq.ft
Slope
33'-0"
20'-2"
101'-1"
Lawn
2931sq.ft
Garden
Planter
H : 1'6"
Wall Thickness – 4.5"
Pre-cast

03

Custom Home 1

Project Type: Residential Architecture
Location: Gandhinagar
Status: Competed

Overview:
Developed detailed working drawings and construction documents for a custom single-family home, ensuring functionality and aesthetics met client expectations.

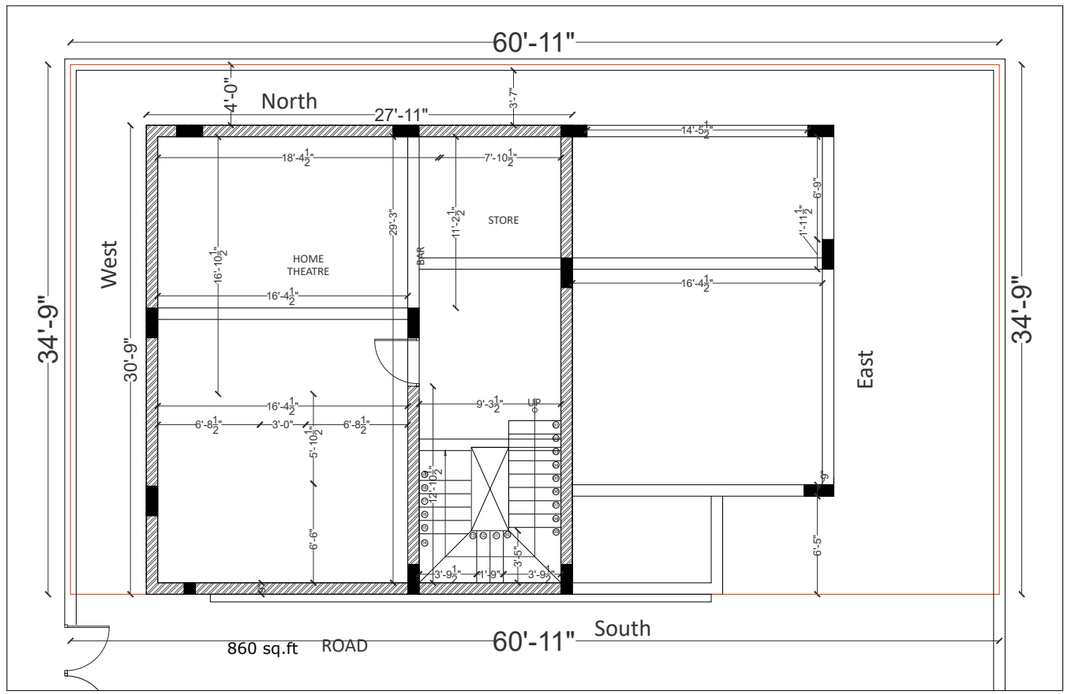
Role:
- Prepared construction and toilet detail drawings using AutoCAD.
- Coordinated with contractors, electrical and mechanical engineers.
- Selected materials, arranged meetings, and generated progress reports.
- Conducted site visits to ensure design compliance.

Tools & Software:
AutoCAD, Microsoft Excel

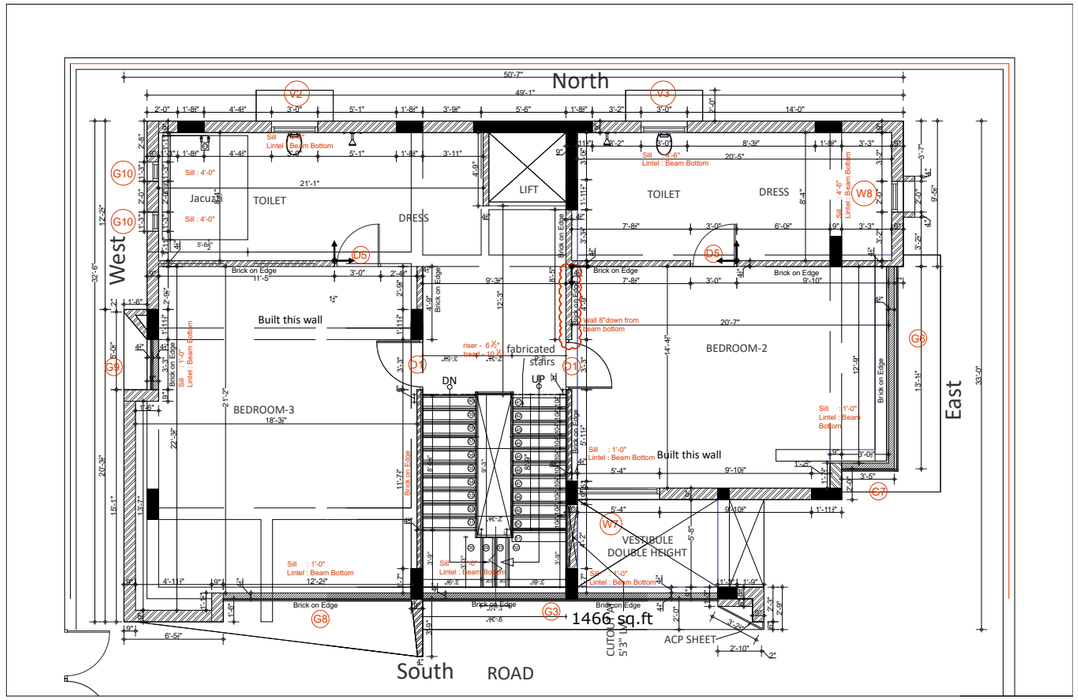
Key Contributions:
- Delivered precise construction documentation, minimizing errors.
- Enhanced stakeholder coordination for timely issue resolution.
- Ensured high-quality outcomes through material selection and site supervision.

Outcome:
Delivered all drawings on time, ensuring smooth execution and high-quality results, earning appreciation from the client and team.

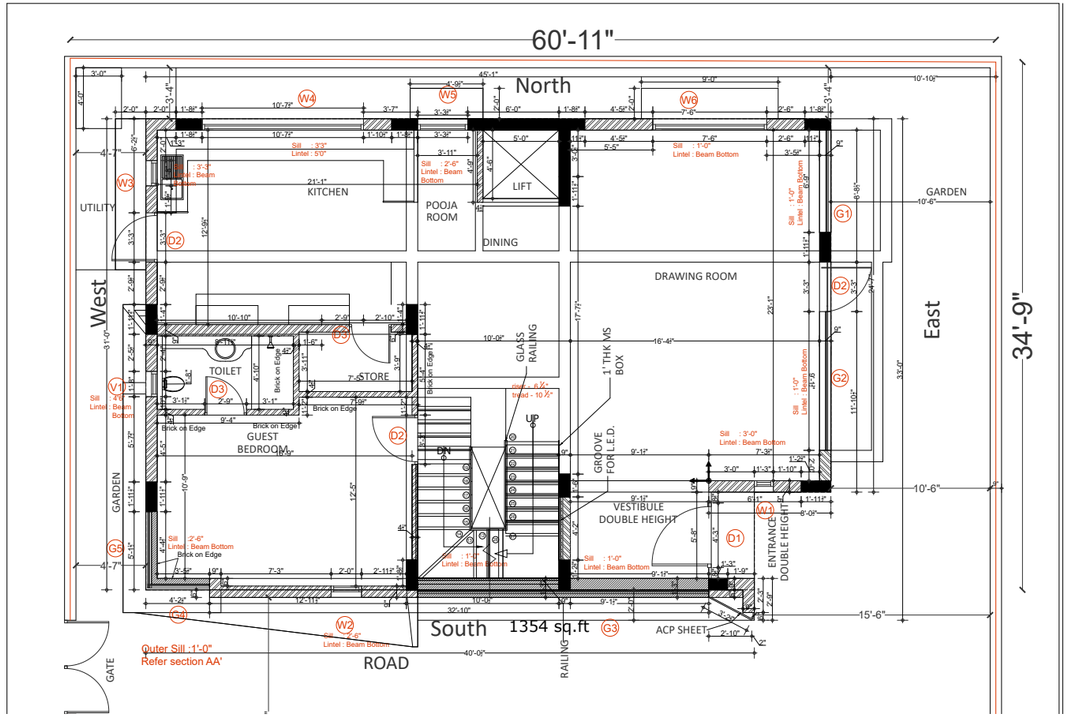




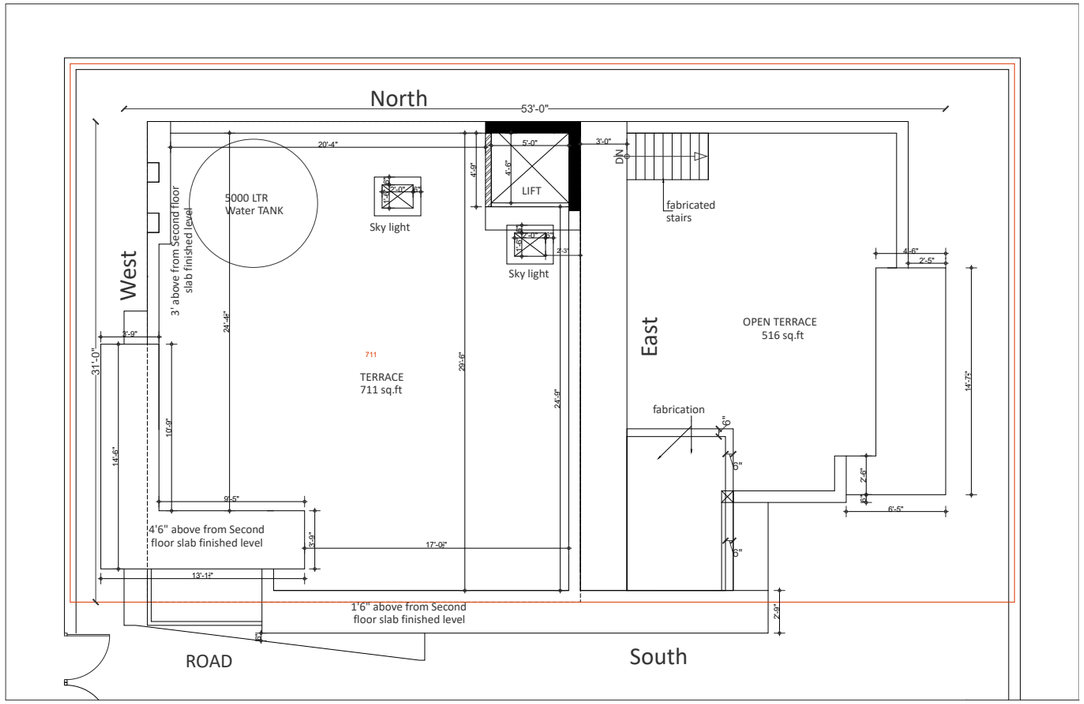
Basement plan



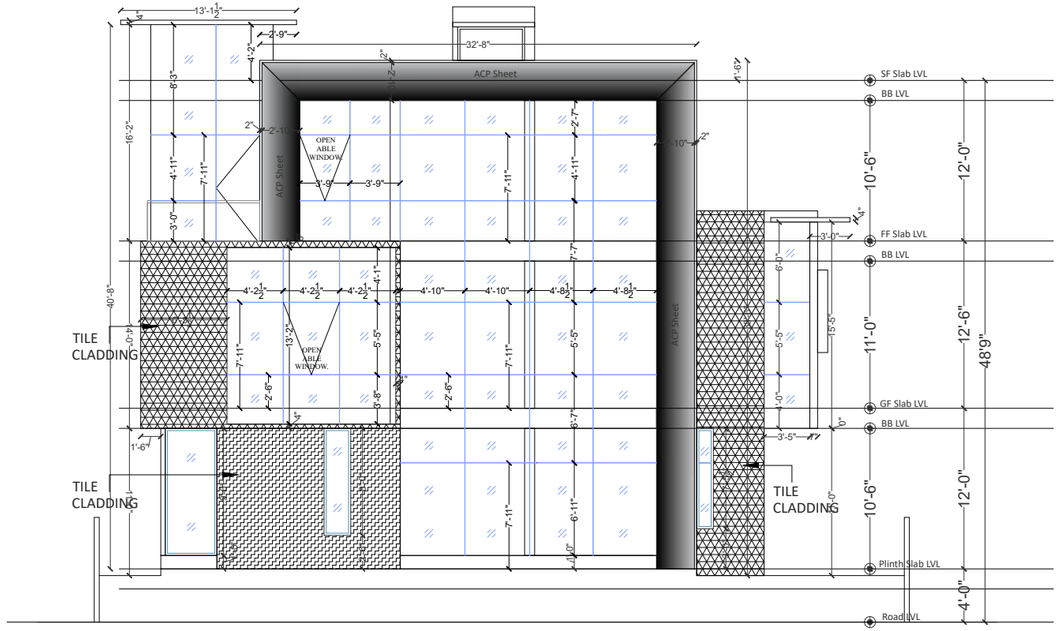
Second floor plan



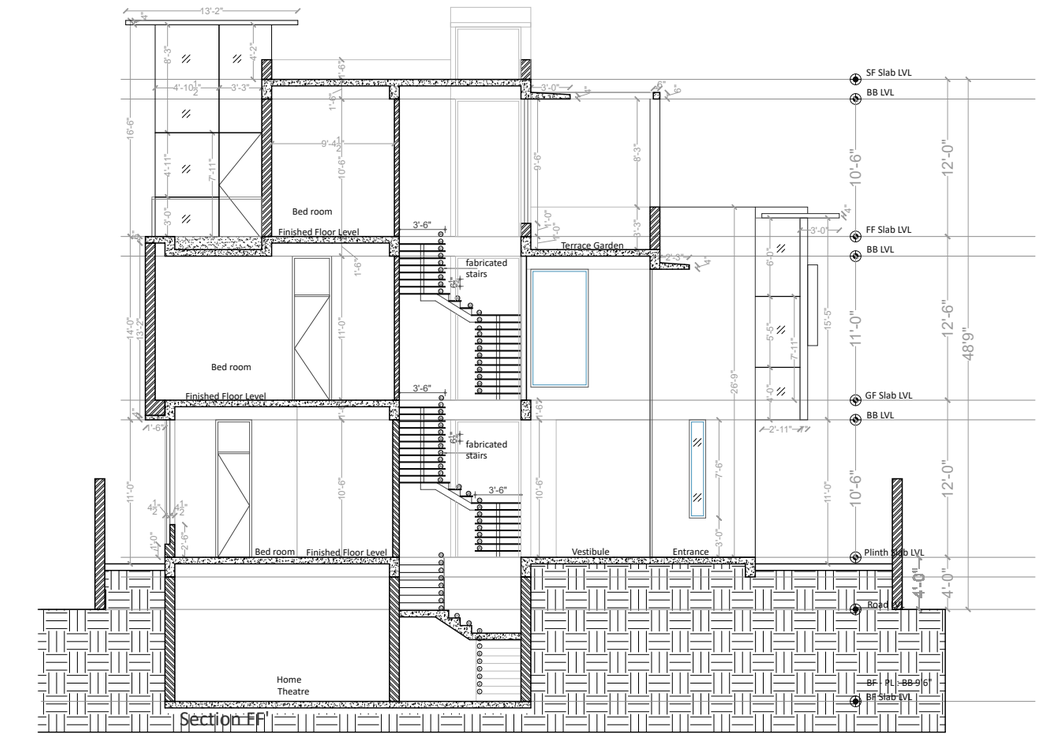
First floor plan



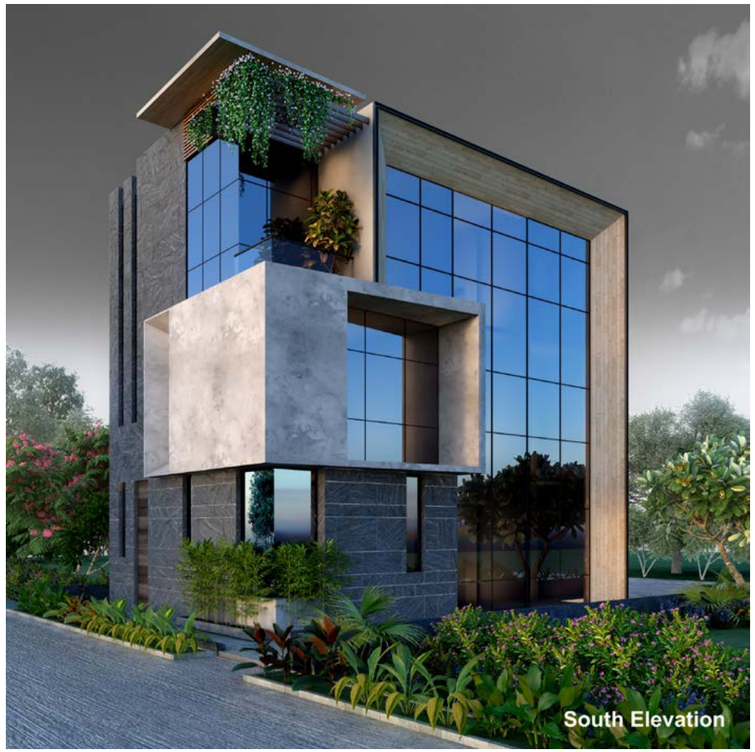
Roof plan



South elevation



Section











04

Custom Home 2

Project Type: Residential Architecture
Location: Gandhinagar
Status: Competed

Overview:
Designed a custom home tailored to the client's specific requirements, focusing on functionality and personalized aesthetics. The project involved creating schematic plans, presentation drawings, and detailed construction documentation.

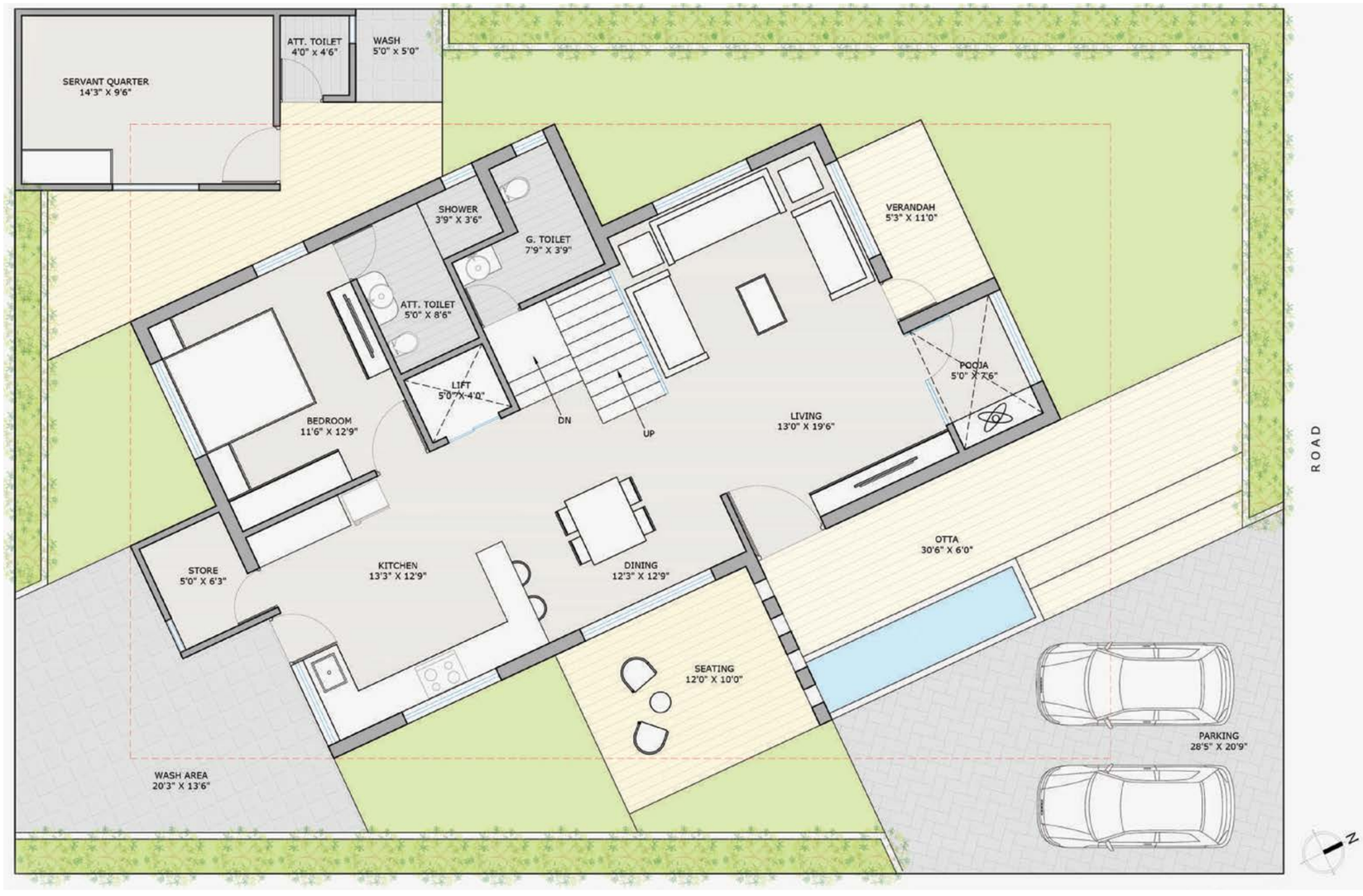
Role:
- Developed schematic plans and presentation drawings based on client requirements.
- Coordinated with a Senior Architect to refine the design and ensure alignment with the project vision.
- Prepared detailed construction drawings to guide the building process.

Tools & Software:
AutoCAD, SketchUp, Photoshop, Lumion

Key Contributions:
- Effectively translated the client's ideas into a cohesive and practical design.
- Ensured seamless collaboration with the Senior Architect to finalize the design.
- Delivered precise and comprehensive construction drawings, facilitating smooth execution on-site.

Outcome:
The project successfully met the client's expectations, showcasing a design that balanced their preferences with technical feasibility. The construction phase progressed efficiently due to the detailed documentation provided.

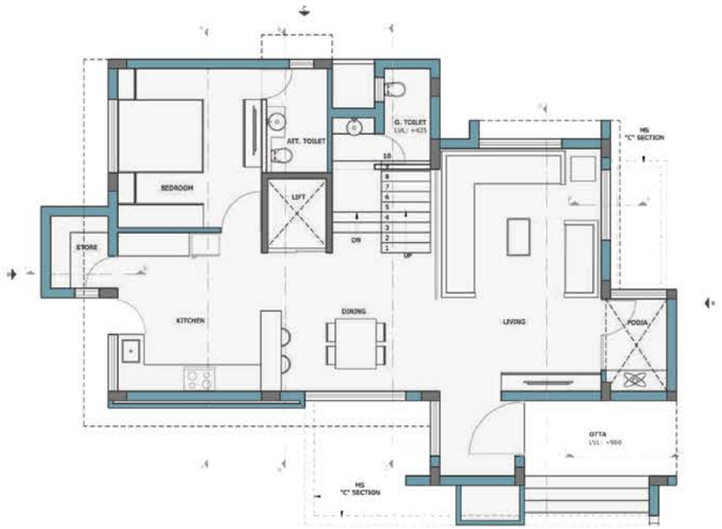




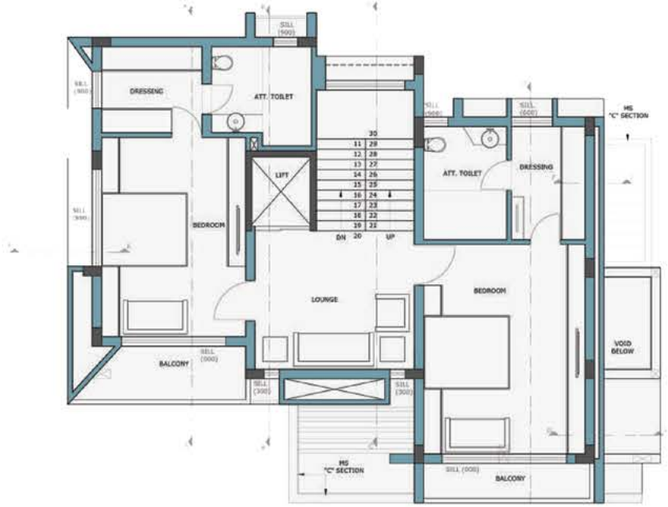




Presentation plan



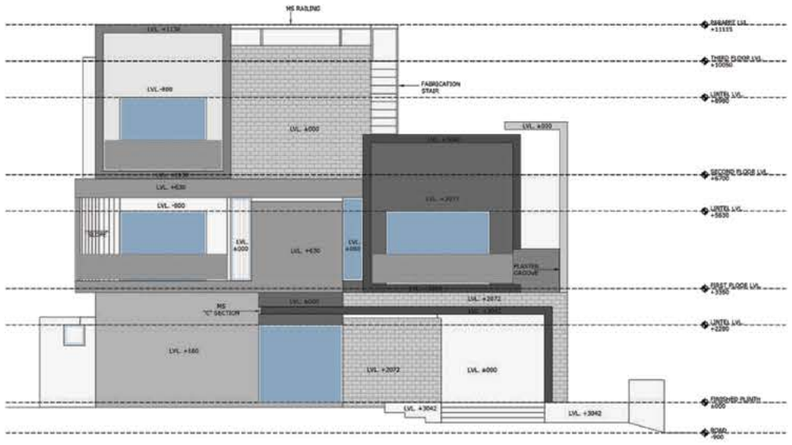
First floor plan



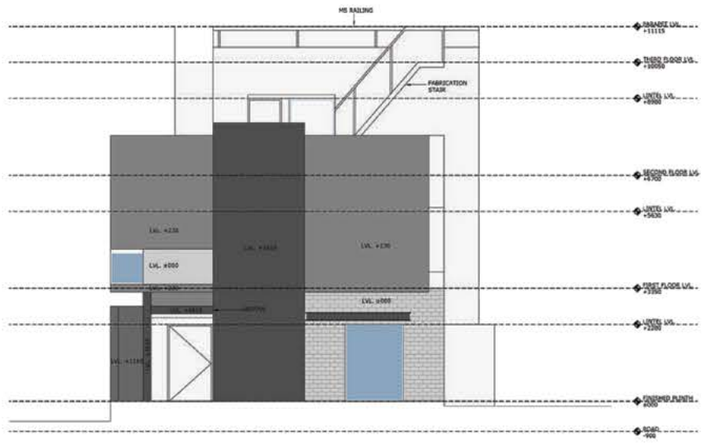
Second floor plan



Third floor plan



Front elevation



Side elevation



Section AA

05

Town House Development

Project Type: Residential Architecture
Location: Gandhinagar
Status: Conceptual Phase

Overview:
Developed a townhouse project on a 11,489-square-meter site, focused on creating an inclusive housing society that benefits the local community's economy, cultural, and social needs. The design incorporated 3BHK flats with individual parking spots, a large green space for functions, a children's play area, a clubhouse, and seating for residents.

Role:
Worked on the conceptual phase and initial planning of the project.
Designed site layouts and plans in compliance with GDCR (General Development Control Regulations).
Ensured the design addressed the community's requirements for functionality, aesthetics, and social integration.

Tools & Software:
AutoCAD, SketchUp, Photoshop, lumion

Key Contributions:
Maximized the number of 3BHK units while maintaining adequate open spaces and amenities.
Strategically planned the layout to optimize land use and ensure seamless integration of communal facilities.
Delivered a functional and culturally responsive design that addressed the needs of the community.

Outcome:
The plan was praised for its efficient use of space and focus on community well-being.



18M WIDE ROAD

12M WIDE ROAD

24M WIDE ROAD

7.5M WIDE ROAD

7.5M WIDE ROAD

7.5M WIDE ROAD

LAWN

CLUB HOUSE 20'6"X10'9"

3.5" WIDE ASSAGE

SEATING 20'3"X04'9"

PLAY AREA 14'9"X20'3"

77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61 60

42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59

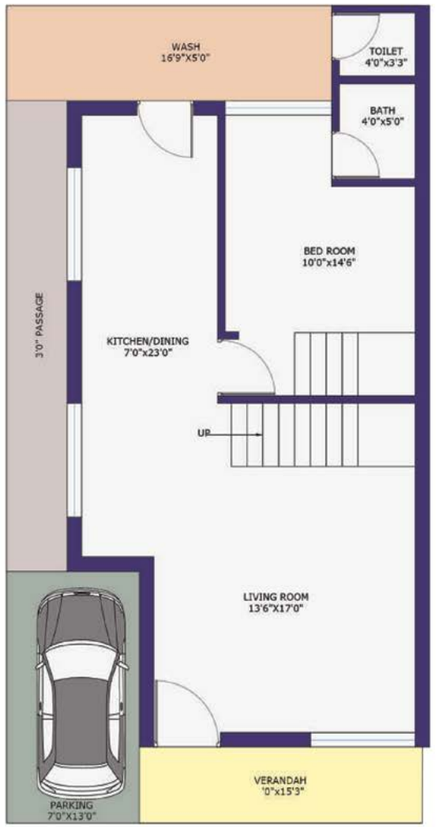
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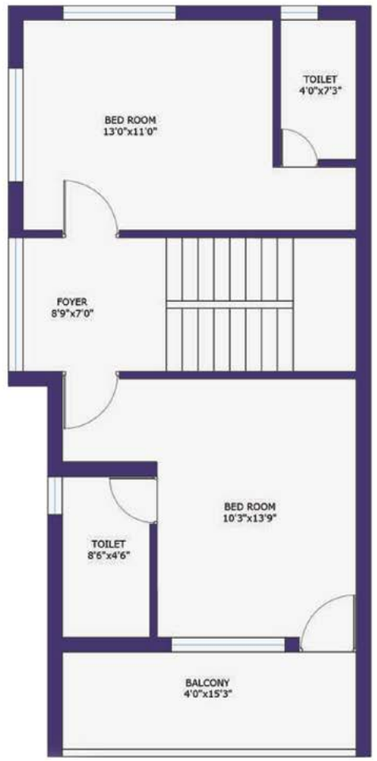
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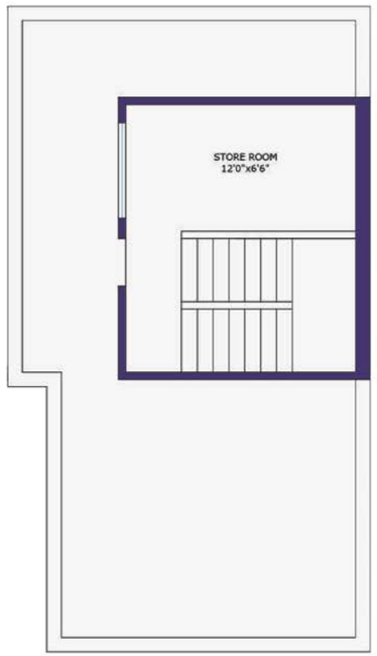
MASTER PLAN



First floor plan



Second floor plan



Third floor plan





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