2024

SURBHI SETHIYA

REVIT PORTFOLIO

CV

SURBHI SETHIYA

Design Architect | BIM Modeller

B.Arch-2016, Manipal University, Karnataka, India

+91 93135 99601 Surbhi1809@gmail.com

BIOGRAPHY

Dynamic architectural designer backed with 8 years of practical work experience in the AEC Industry with Indian, UAE & Australian standards. Expertise in conceptualizing, designing, and overseeing projects from inception to completion, consistently exceeding client expectations. Proficient in industry related software specially BIM workflow using Revit and adept at fostering collaborative relationships to deliver outstanding results on time and within budget. Seeking to leverage expertise in a fully remote role with opportunities for international work experience and career advancement.

WORK EXPERIENCE

- ARCHITECTURAL DESIGNER (2022 - Present)
  STUDIOHAUS, SYDNEY, AUSTRALIA
  Software Applications: Revit, Photoshop & Lumion to develop detailed architectural drawings.
  All phases of design and construction for commercial and residential projects, ranging from concept development till construction & drawing sets of
  Developement applications (DA) & Complying Development Certificate (CDC).
  Collaborated efficiently in a remote setting.
- Sr. ARCHITECT (2021)
  IMAGINE DESIGN STUDIO, INDORE, M.P., INDIA
  Software Applications: AutoCad, Photoshop, Lumion, Sketchup & Microsoft excel
  Contributed to plot layouts, residential and commercial projects, focusing on space planning, interior layout, and material selection. Produced detailed construction drawings, specifications, and renderings.
- ARCHITECT (2018 - 2021)
  ReseachVoir STUDIOS, INDORE, M.P., INDIA
  Software Applications: Revit, Photoshop & Lumion
  Tender Drawings, Remodelling, Consultation services to offices tied globally.
- ARCHITECT (2016 - 2017)
  KHATIB & ALAMI CONSULTANTS, BANGALORE, KARNATAKA, INDIA
  Software Applications: Revit, Photoshop & Lumion
  All Projects based in UAE
- INTERN ARCHITECT (2016)
  TECHNOARCHITECTURE.INC, BANGALORE, KARNATAKA, INDIA
- INTERN ARCHITECT (2015)
  ATELIER D'ARTS & ARCHITECTURE, BANGALORE, KARNATAKA, INDIA

LANGUAGE

ENGLISH
HINDI

COURSES

AUTODESK
- BPAC
  (Building Performance Analysis Certificate)

LINKEDIN LEARNING
- BIM Manager: Managing REVIT
- Getting Started as BIM Coordinator
- Learning REVIT 2024
- Navisworks Essential Training 2023
- REVIT: TwinMotion Workflow
- REVIT 2021 Essential Training
- AutoCad 2023 Essential Training
- REVIT Detailing to European Codes

SOFTWARE PROFICIENCY

ADVANCED
BIM Revit, TwinMotion, Enscape, Vasari, Ecotect, Microsoft Office, AutoCad, Photoshop CC, Lumion, Sketchup, V-ray

BASIC
Navisworks

EDUCATION

B.Arch, 2016
MANIPAL UNIVERSITY
KARNATAKA, INDIA

STATEMENT

PERSONAL

Since childhood, I've been captivated by imagination, drawn to the art of organization, and found solace in moments of peace and silence.
Curiosity drives me, spontaneity fuels me, and a deep-seated appreciation for order guides me.
Inspired by the myriad hues of art and nature, the symphony of sounds and colors, and the interplay of materiality and abstraction, I've cultivated a holistic approach to design.

My journey into architecture has been a convergence of my innate passions and my quest for perfection.
With a multidisciplinary skill set, I strive to infuse user-centricity into every design, driven by a relentless pursuit of self-satisfaction in all endeavors.
But architecture, for me, transcends mere design; it's a vehicle for societal change. Through involvement with NGOs focused on women's empowerment and environmental initiatives like tree planting, I've endeavored to effect change on a human level.

Growing up in the vibrant city of Indore, India, known as the "City of Foodies," I was inspired to channel my entrepreneurial spirit into establishing LaCasa de Lounge. This multifaceted venture, encompassing a Cafe. a library, a natural landscape garden with a tranquil pond, my architectural practice known as Architect's Hub, and a space for teaching and workshops, provided invaluable insights into business dynamics, client relationships, and team collaboration.

My vision for architecture extends beyond mere structures; it's about integrating art with sustainability, fostering environments that harmonize with both the natural and built worlds. I'm fascinated by the transformative effects of time, nature, and light on art and architecture, constantly seeking to imbue my work with an enduring sense of beauty and purpose.

In my pursuit of innovative ideas for both the architectural fraternity and society at large, I'm driven by a desire to create spaces that inspire and endure. Whether it's pushing the boundaries of design or advocating for sustainable practices, I am committed to leaving a positive impact on the world through my work.

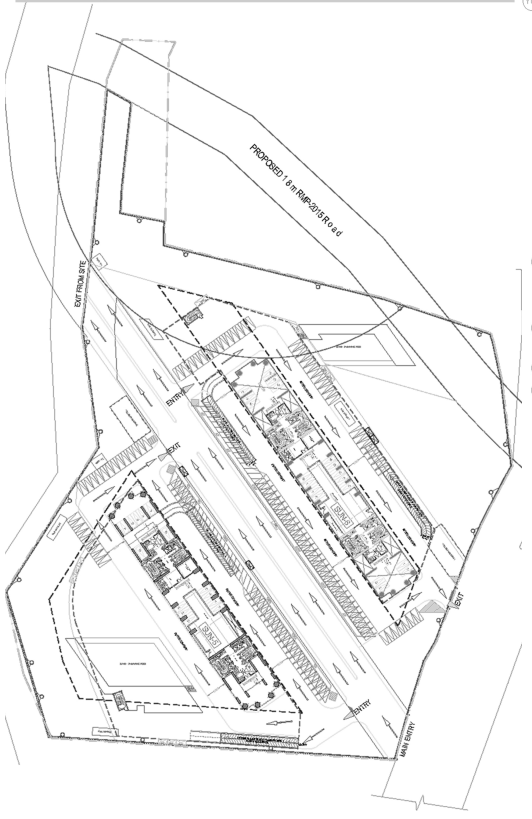
AIM: As an architect deeply rooted in creativity, driven by a passion for order and sustainability, and inspired by the beauty of art & nature,
I am eager to bring my unique perspective and diverse experiences to a Revit-focused role.
With a blend of creativity, technical acumen, and a commitment to excellence,
I am ready to contribute to the transformative projects of your esteemed firm.

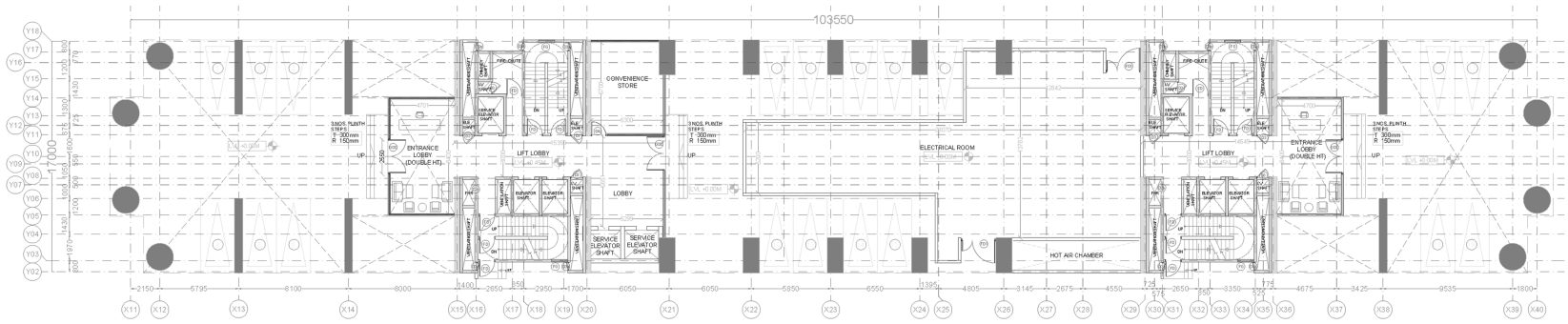
01

MANTRI , BANGALORE, INDIA

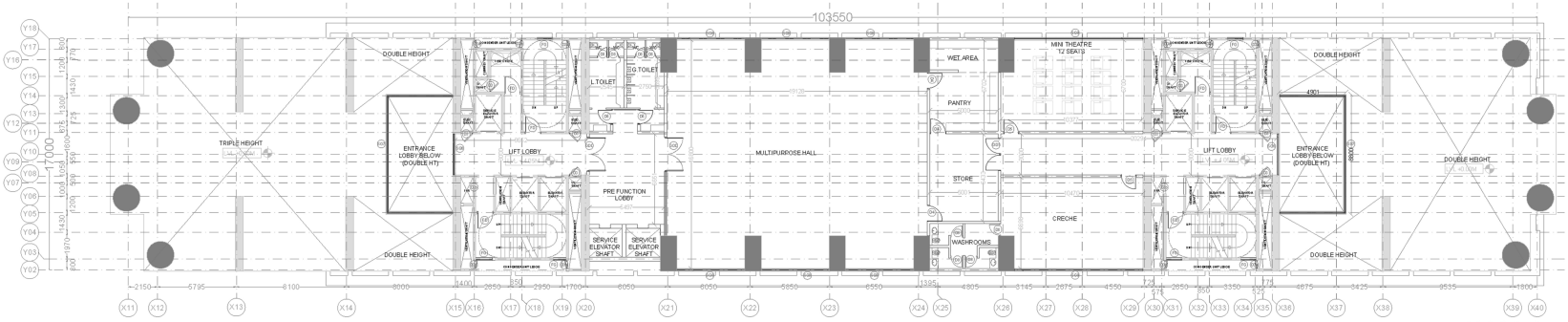
BRIEF:
This project had started after the demolition of old structures on 8 plots in a suburban area of a metro city. This residential tower was proposed due to the need of apartments near IT parks.

ROLE:
My work in this project was in the capacity of an Architect supervised by a Sr.Architect. The focus for me was conceptual layout of apartments, schematic & working drawings of floor plans, working sections and modelling in Revit.

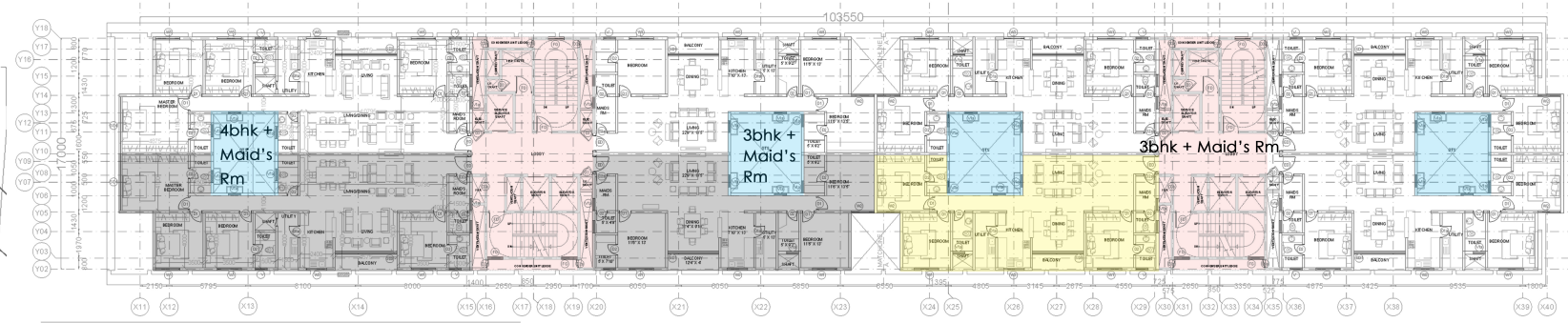




LEVEL 1



LEVEL 2



LEVEL
3 - 12

PROJECT INFORMATION:
LOD 350
Status - Completed
Floors - G+32

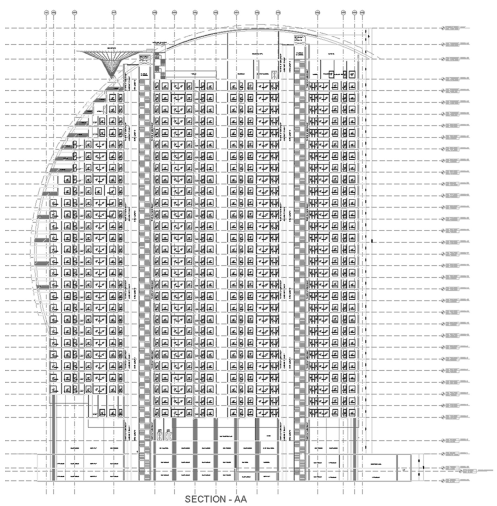
Lvl 1 & 2
Services & Amenities (2 service cores with 3 lifts each)
1 service lift and 2 lifts for residents
4bhk - 2200 sq ft
3bhk - 1600 sq ft
2bhk & 1bhk Studio Apartments 1000-1250 sqft
Lvl 3-31 Apartments
Lvl 32-33 Club House & Gym

Conceptualisation & Structure

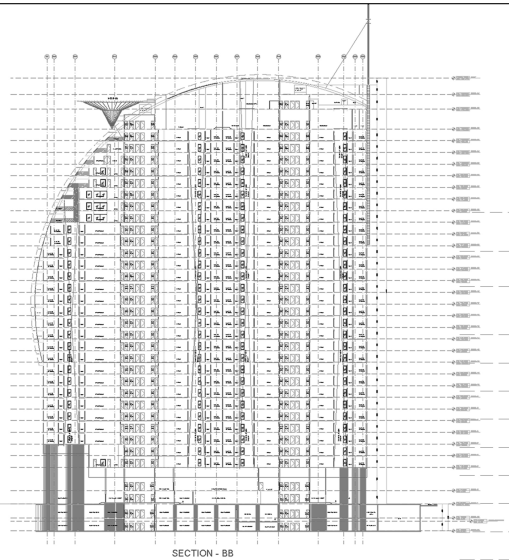
Layouts of 2 BHK/ 1BHK/ Studio Apartments develop as we go higher on the levels for achieving the curved elevation concept. The balconies are added by reducing the number of bedrooms and changes the shape on various floors according to the layout of the floors below.
The structure is recessed and relieved in the form of terraces to achieve a curved formation by curved glass railings and curved glazings.

01

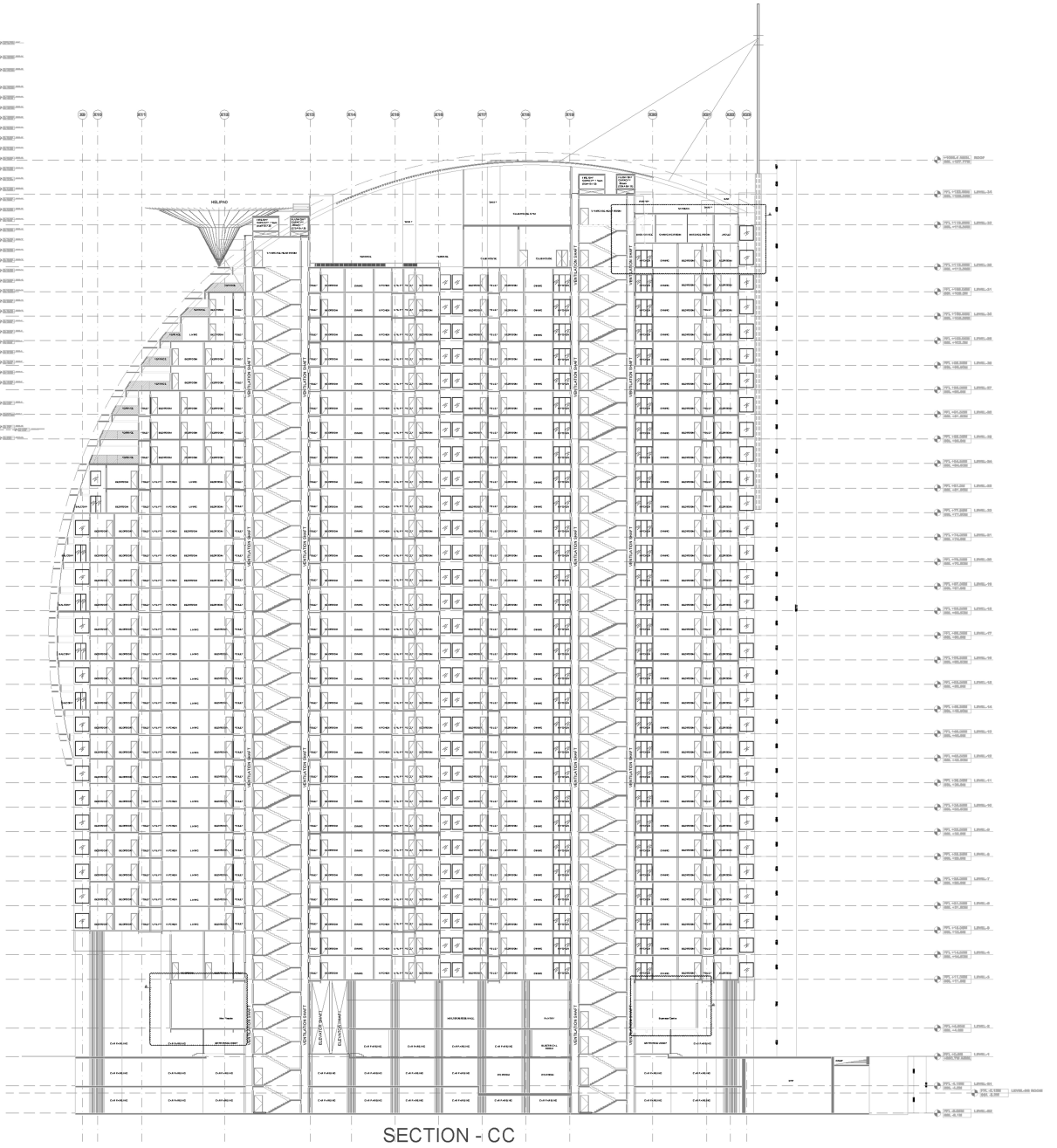
MANTRI , BANGALORE, INDIA



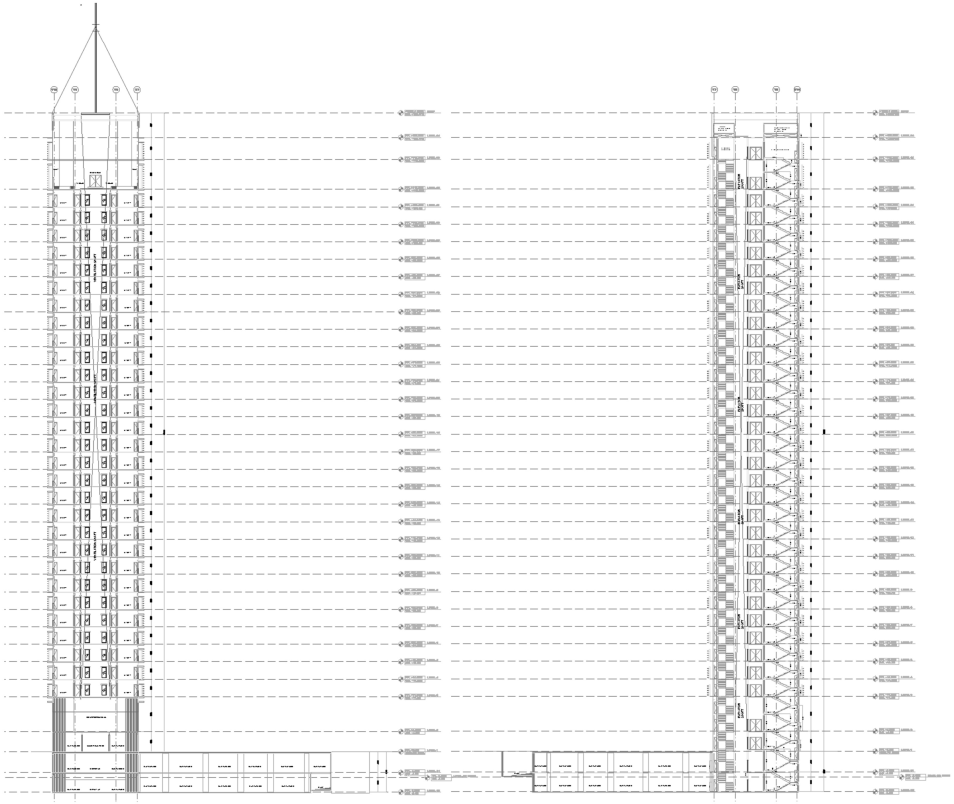
SECTION - AA



SECTION - BB



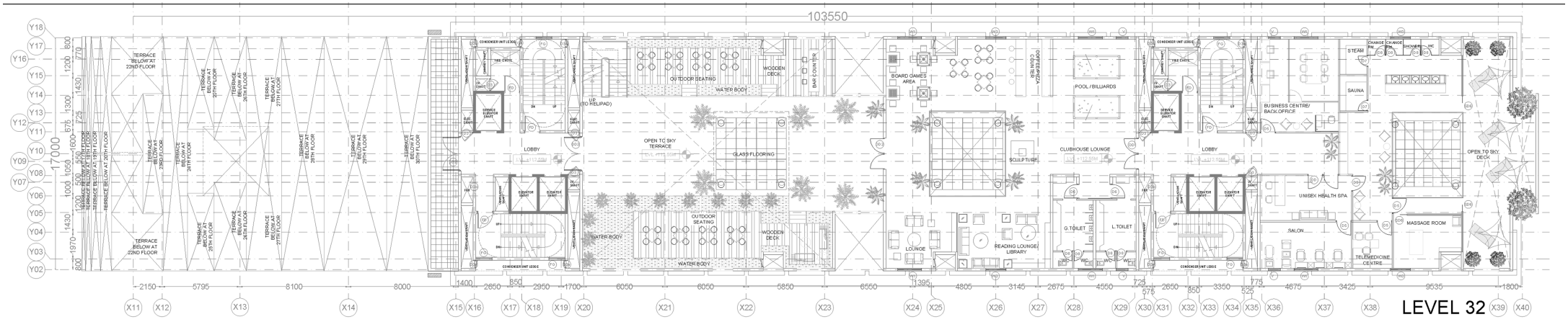
SECTION - CC

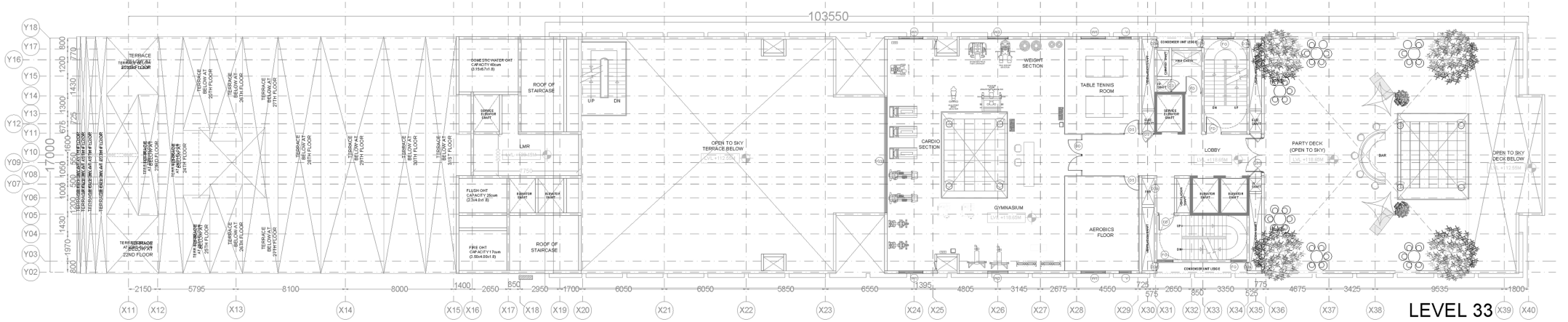


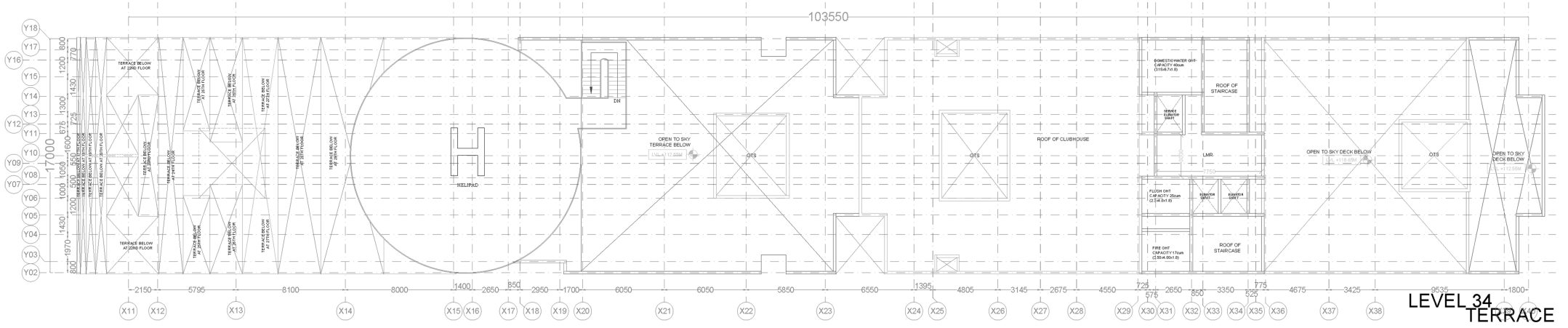
SECTION - DD

SECTION - EE

MANTRI , BANGALORE, INDIA





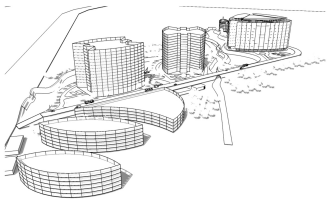


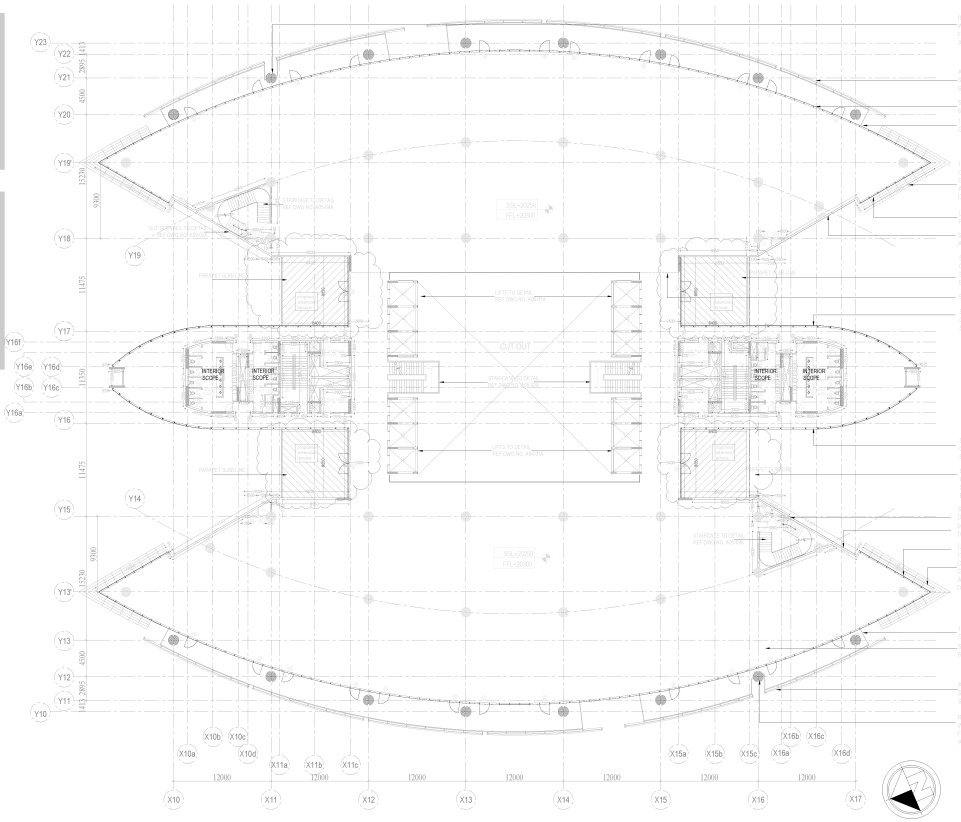
02 UST GLOBAL, TRIVANDRUM, INDIA

BRIEF:
Phase 1 of this SEZ project includes 5.72 Lakh sqft of software developement centre, data denter, amphitheatre, landscaped area, helipad and auditorium.

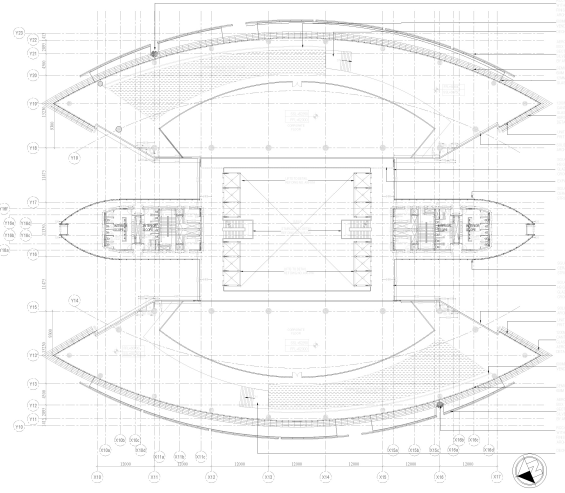
ROLE:
My work in this project was in the capacity of an Architect supervised by a Sr.Architect. The focus for me was conceptual, schematic & working drawings of floor plans, elevations and modelling in Revit.

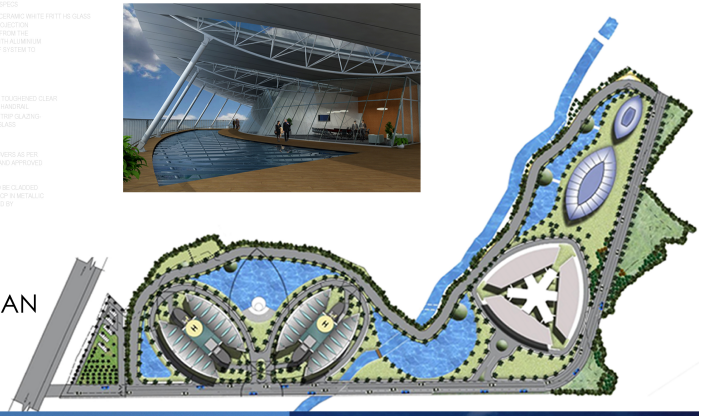
PROJECT INFORMATION:
Khatib & Alami Consultants
LOD 350
Status - Completed
B+13
lvl 1 Basement
lvl 2 Double ht Entrance
lvl 4 Mezzanine Office area
lvl 5-14 Typical Office Floors
Lvl 15 Corporate
Each Floor Area 5300

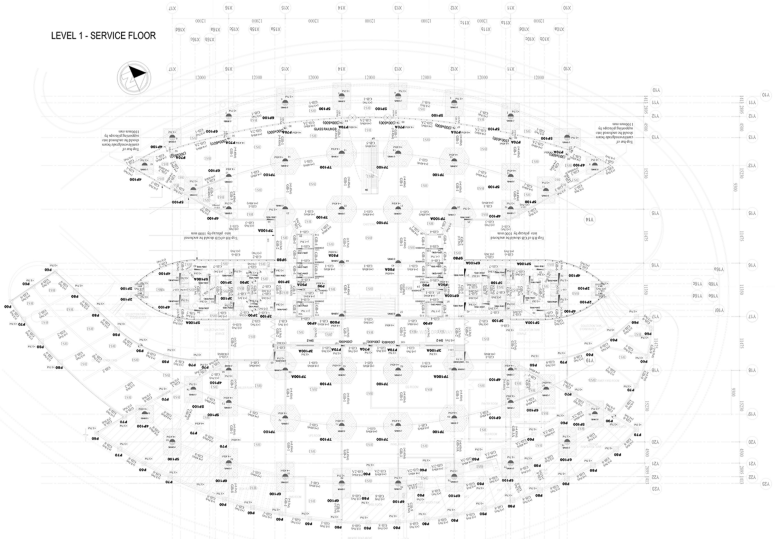




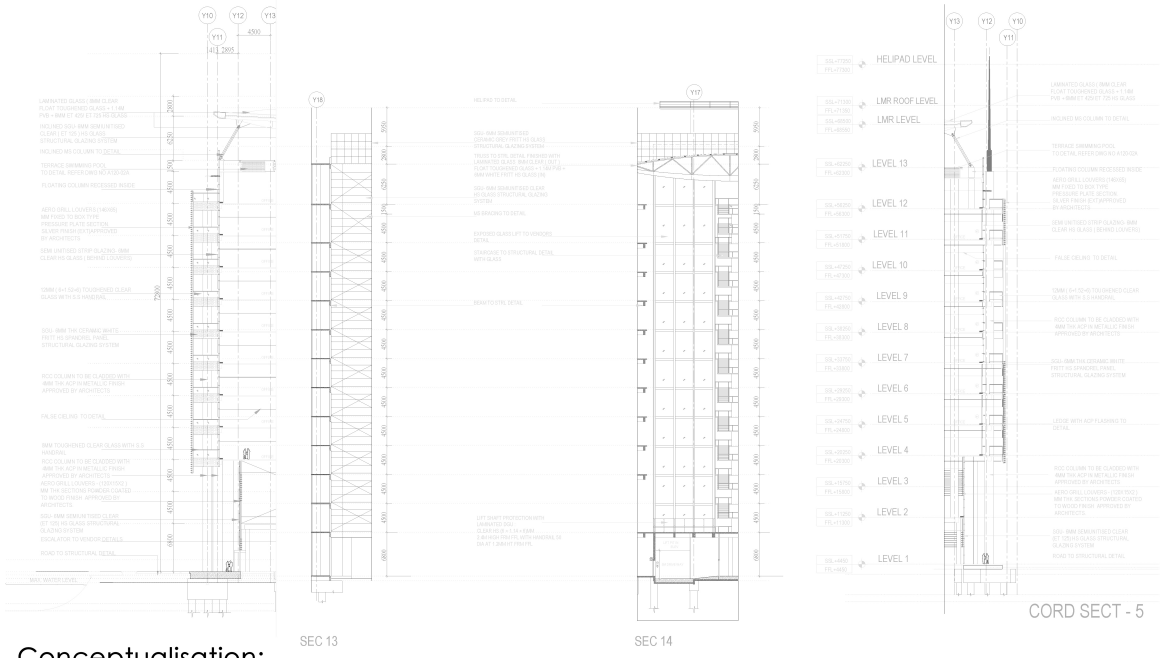
TYPICAL FLOOR PLAN

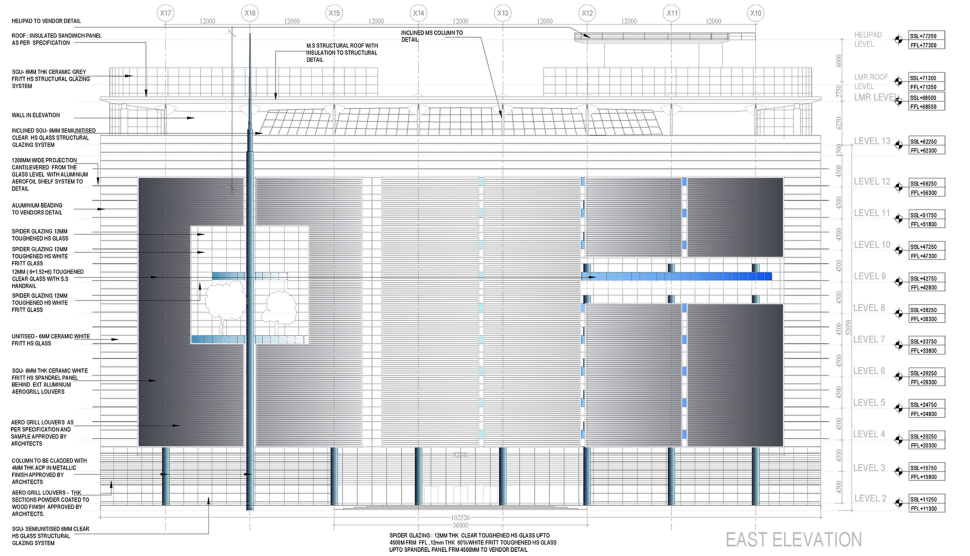






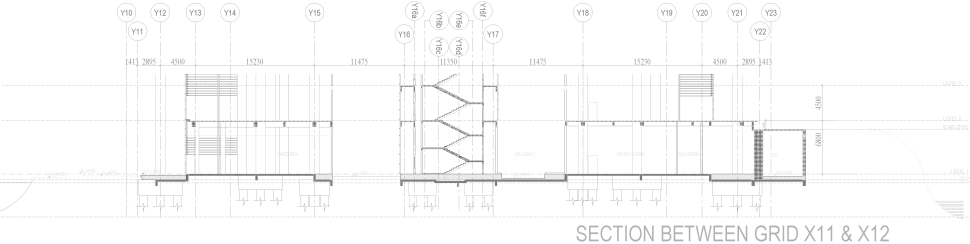
UST GLOBAL, TRIVANDRUM, INDIA

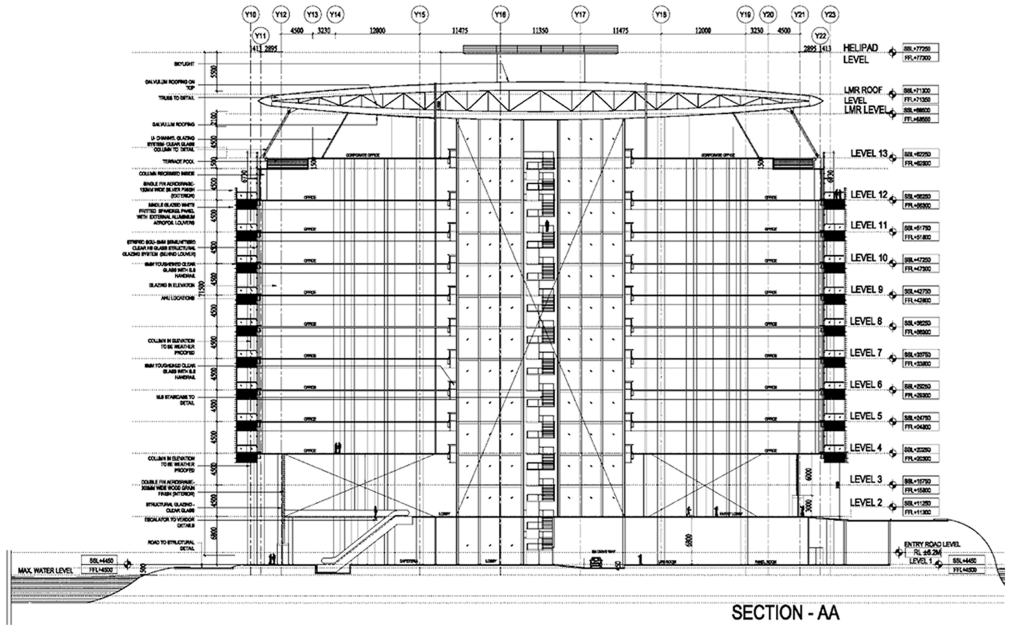


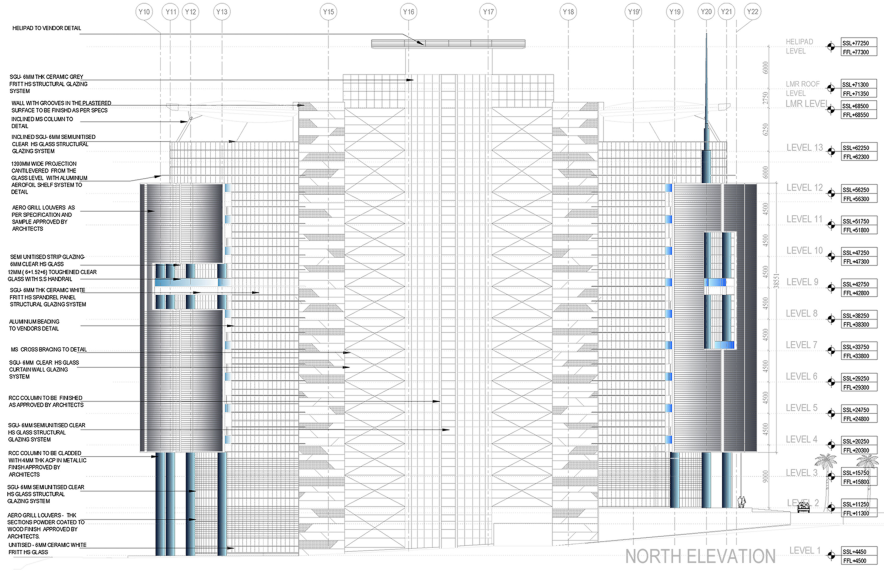


Conceptualisation:

The concept for the design has spans of 12m in the north-south direction & varying span from 7-12m in the east-west direction. Phase 1 comprises of level _1 (services, cafeteria),level _2 (double height entrance lobby), level _4(mezzanine office area), level 5-14(typical office level), level 15(corporate). Extended balconies beyond the glazed façade with an external skin of metal louver systems provide a buffer for heat transmission and act as spill out space.







WT , BANGALORE, INDIA

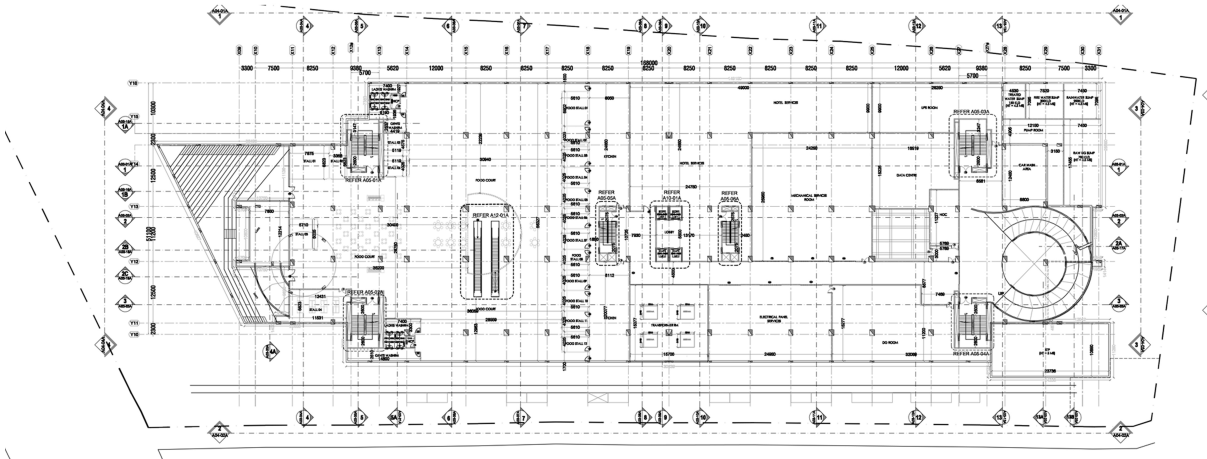
BRIEF:
This Mixed-use Project is in the emerging area of Whitefield in the Silicon City of India, Bangalore. The structure is a simple cube with corporate spaces to be given out for lease with 6 floors of parking.

ROLE:
My work in this project was in the capacity of an Architect supervised by a Sr.Architect. The focus for me was schematic & working drawings of office floor plans and modelling in Revit.

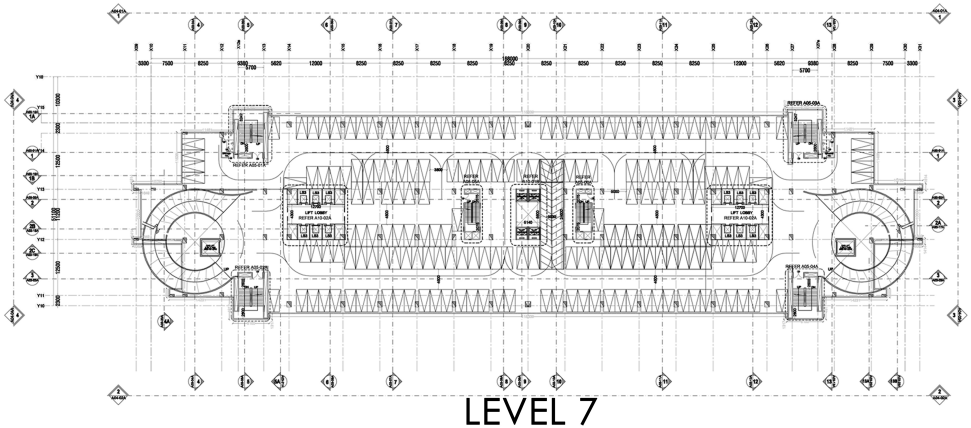
PROJECT INFORMATION:
LOD 350
Status - Completed
Floors - B+18
Lvl 1 & 2
Services
Lvl 3-7 Parking
Lvl 8-15 Offices
Lvl 16-17 Rooms of 32 & 68 keys
lvl 18 Restaurant & Recreation
car parks - 1000/floor
32 units of offices/floor

Conceptualisation

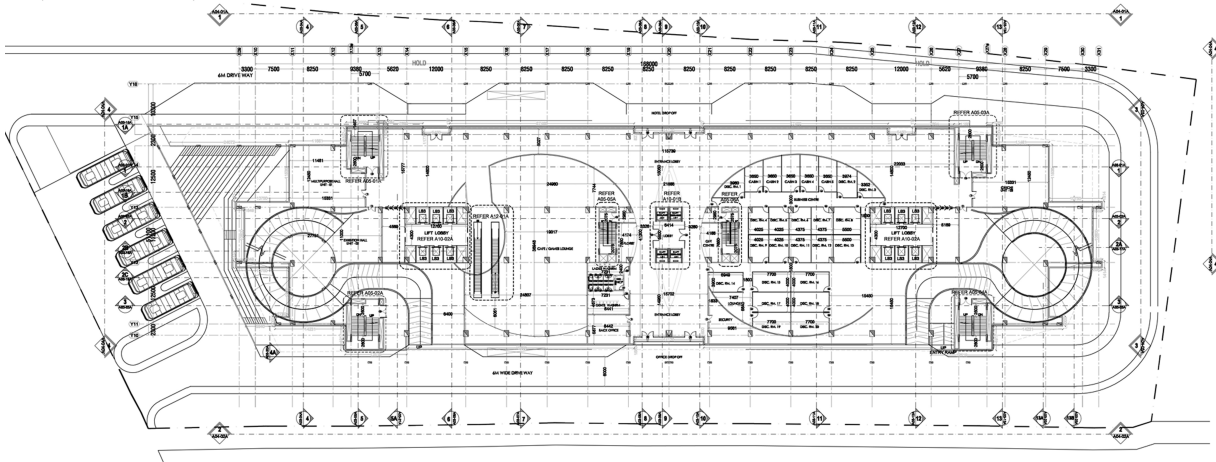
The Structure is packed up with a cubic envelope. The site space gives a perfect rectangular edgy floor space. The monotony is broken by circular service cores and circular cut-out for the double height lobby and amenities.
Each floor office cabins is given a balcony and several breakout areas for the structure to breathe.



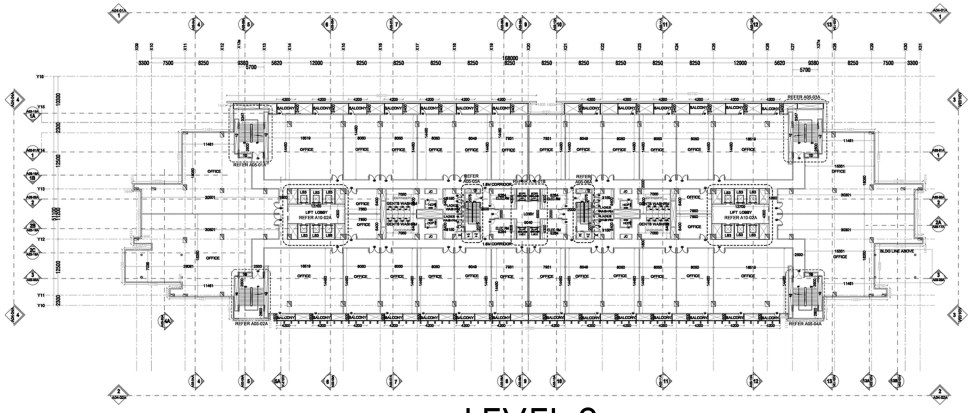
LEVEL 1



LEVEL 7

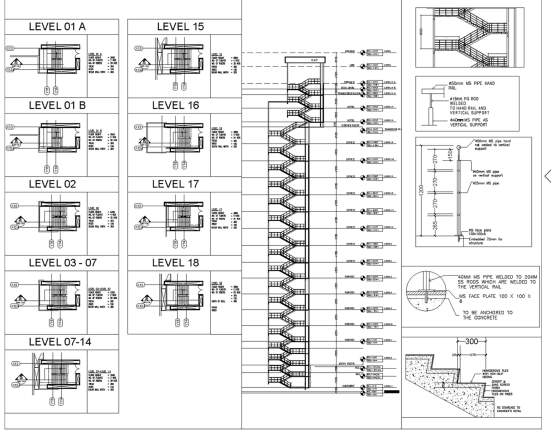


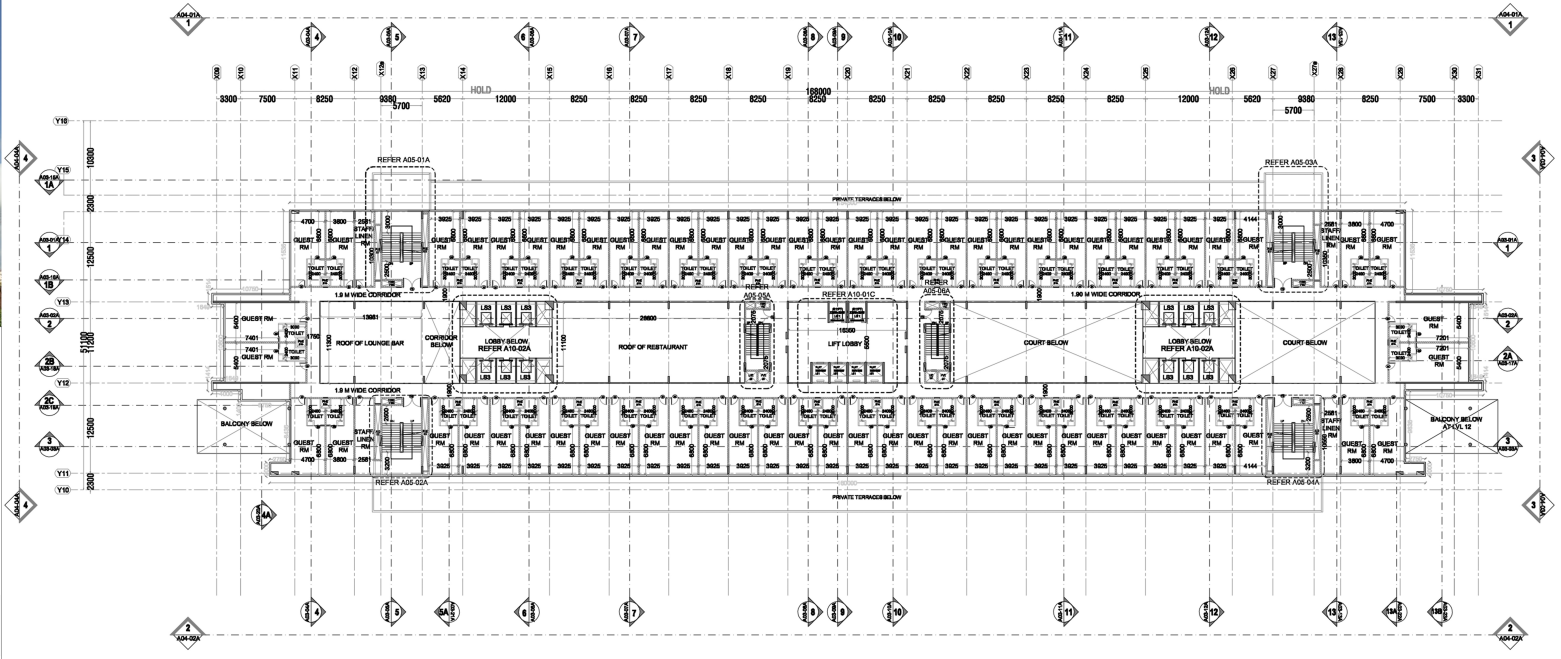
LEVEL 2



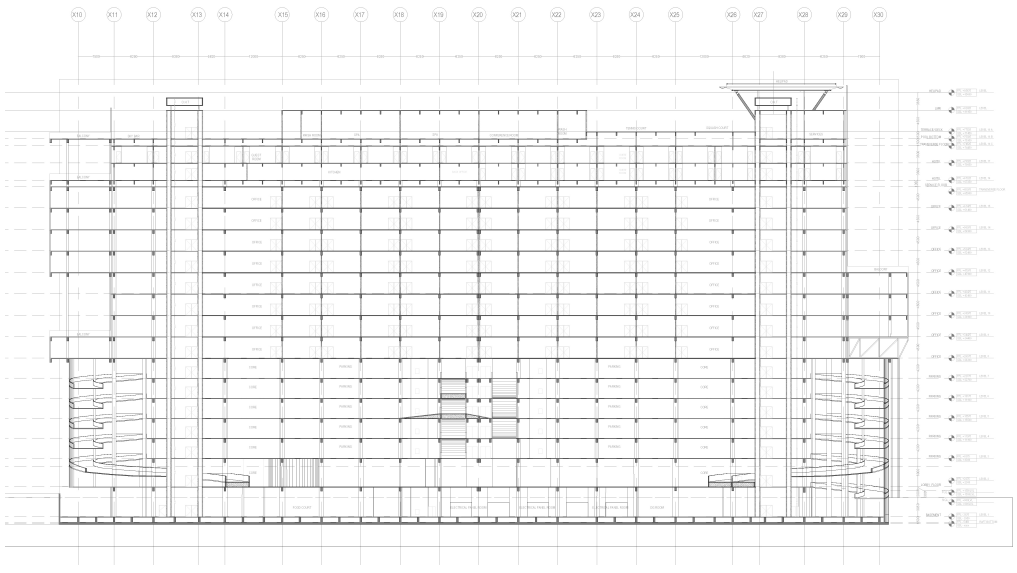
LEVEL 8

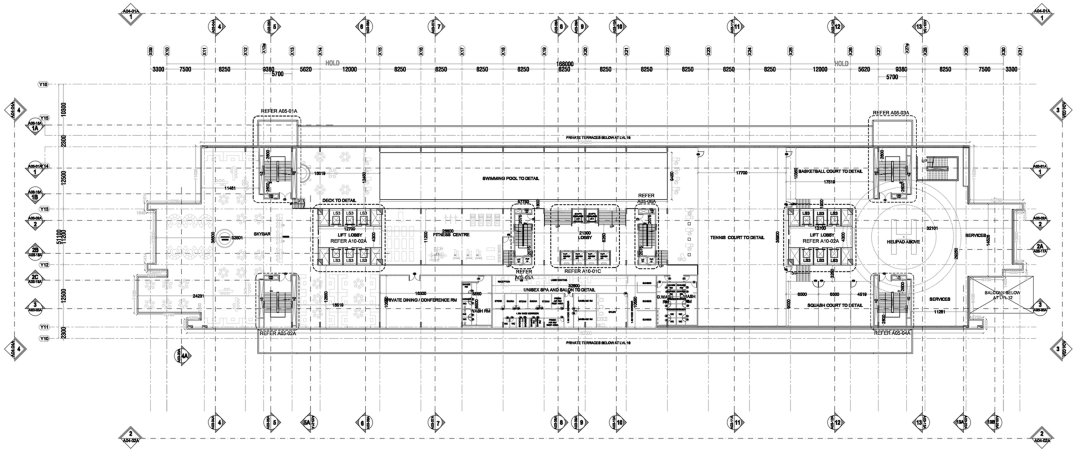
WT , BANGALORE, INDIA





LEVEL 17





LEVEL 18

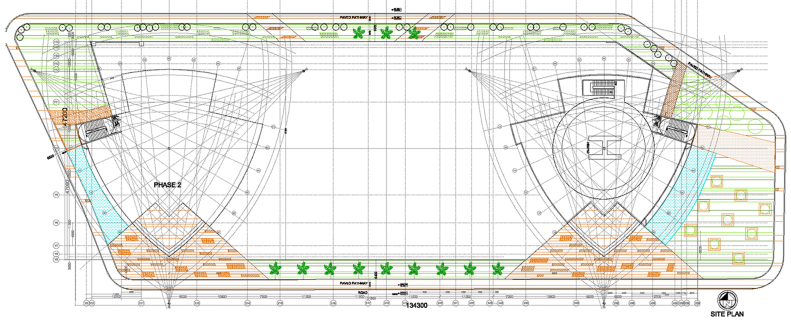
04

INFOSYS ECC, TRIVANDRUM, INDIA

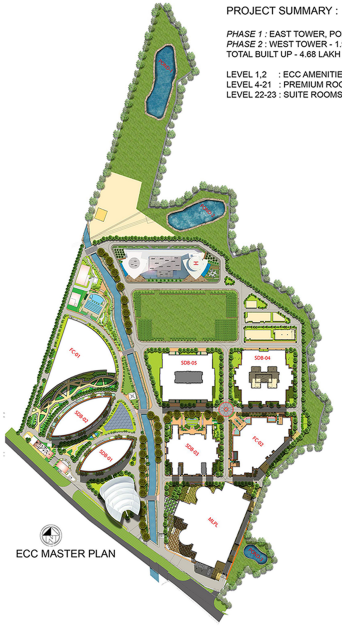
BRIEF:
This project is a part of a larger masterplan development which includes various units in this office campus. This project has been built in phases.

ROLE:
My work in this project was in the capacity of an Architect supervised by a Sr.Architect. The focus for me was working drawings of floor plans, elevations and modelling in Revit.

PROJECT INFORMATION:
LOD 350
Status - Completed
G+23
Residential Unit
Premium & Suite Rooms



SITE PLAN

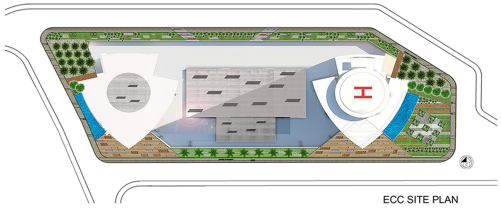

ECC MASTER PLAN

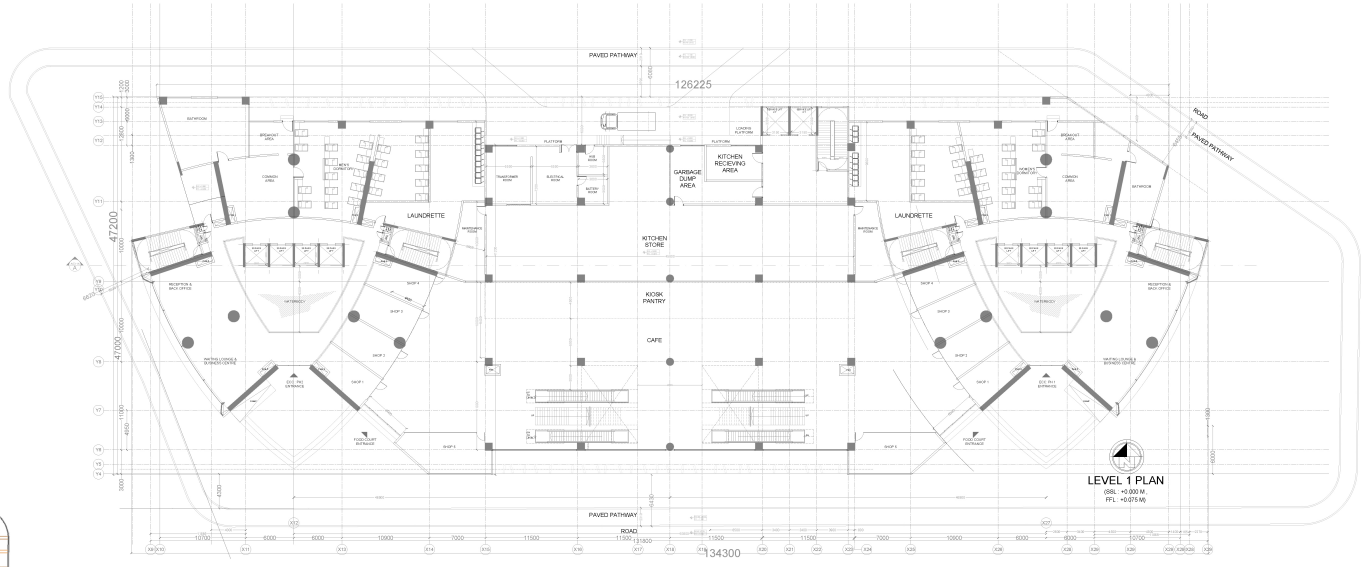
PROJECT SUMMARY :

PHASE 1 : EAST TOWER, PODIUM - 2.76 LAKH
PHASE 2 : WEST TOWER - 1.92 LAKH SFT
TOTAL BUILT UP - 4.68 LAKH SFT

LEVEL 1,2 : ECC AMENITIES, 1400 SEAT FOO
LEVEL 4-21 : PREMIUM ROOMS - 216 KEYS
LEVEL 22-23 : SUITE ROOMS - 12 KEYS

-2 LEVELS OF AMENTITIES & FOOD COURT
-20 LEVELS OF ROOMS
-216 PREMIUM ROOMS
-12 SUITES


ECC SITE PLAN



LEVEL 1 PLAN
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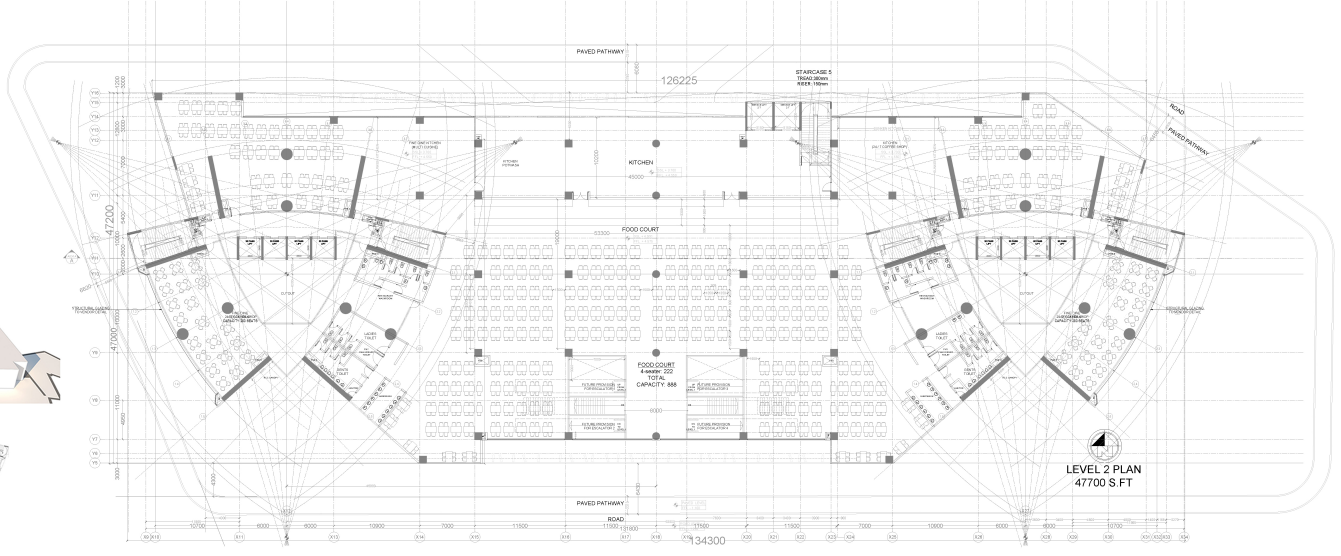
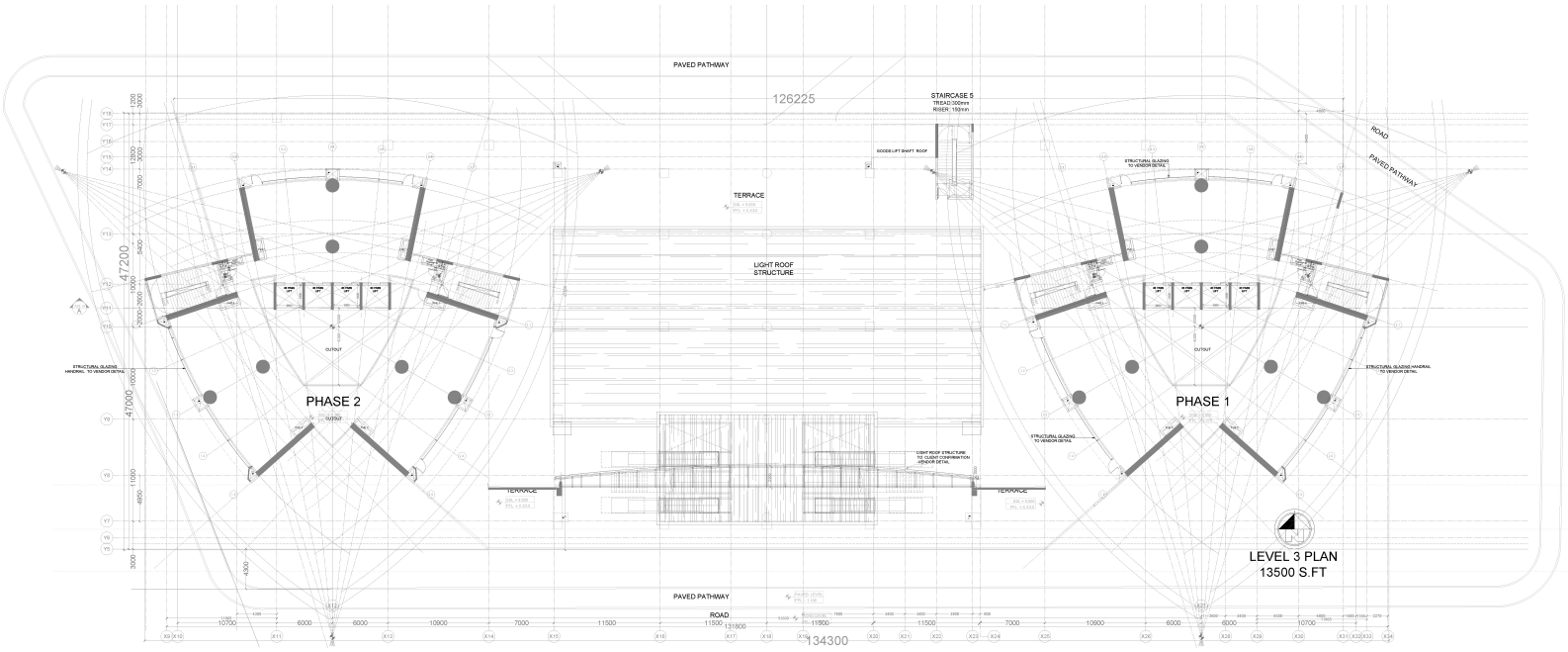
FFL : +0.075 M)

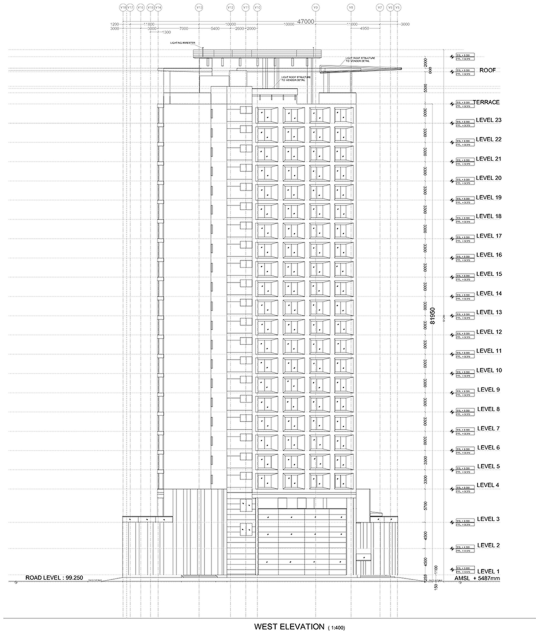


LEVEL 2 PLAN
47700 S.FT

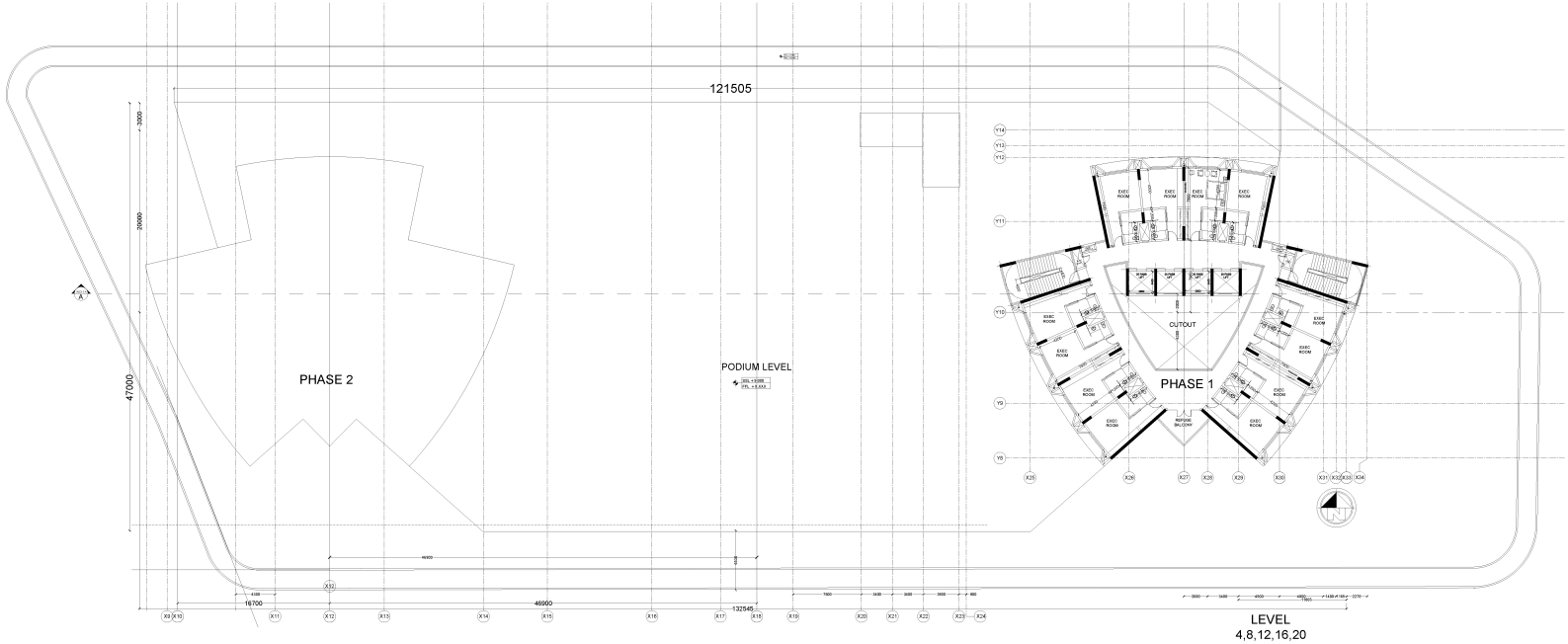
INFOSYS ECC, TRIVANDRUM, INDIA



LEVEL 3 PLAN
13500 S.FT



WEST ELEVATION (1:400)



LEVEL
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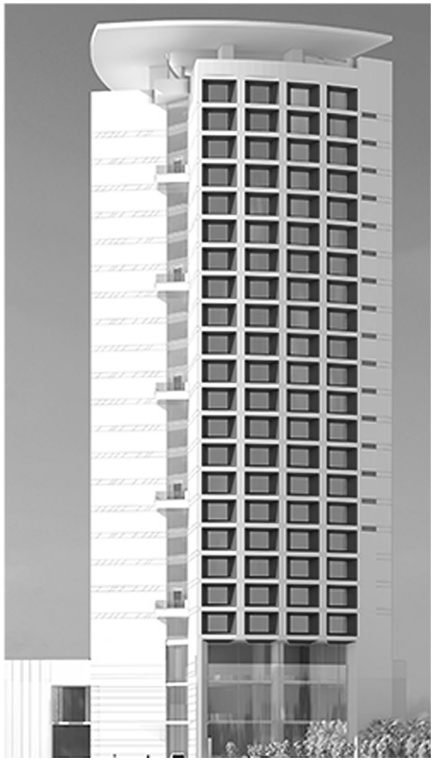
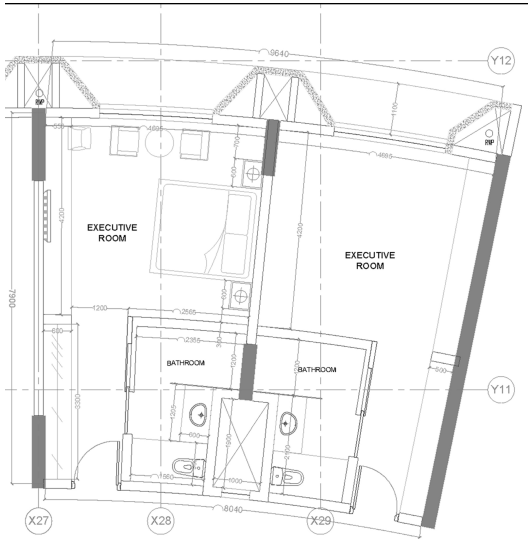
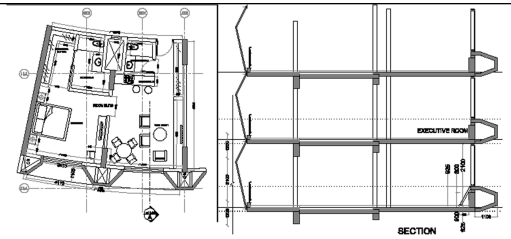
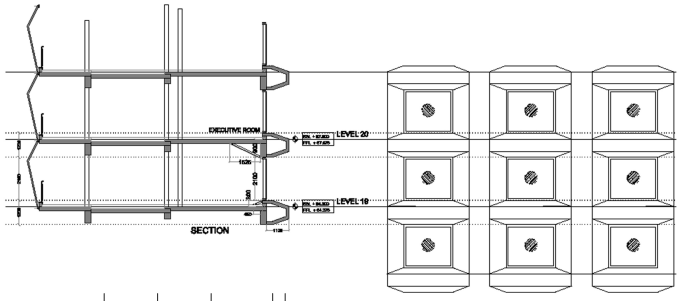
PLAN

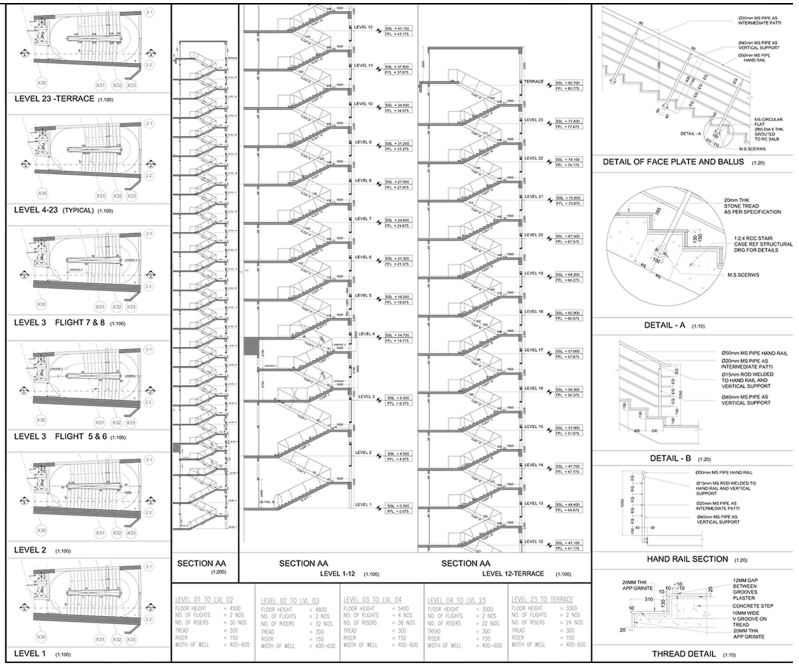


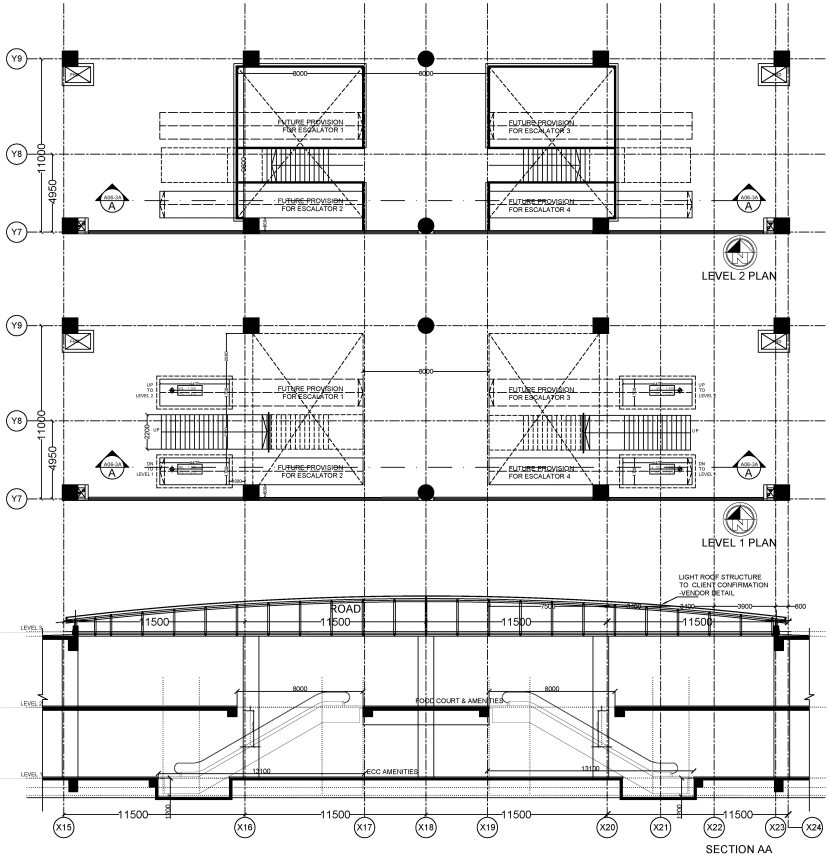
04 INFOSYS ECC, TRIVANDRUM, INDIA

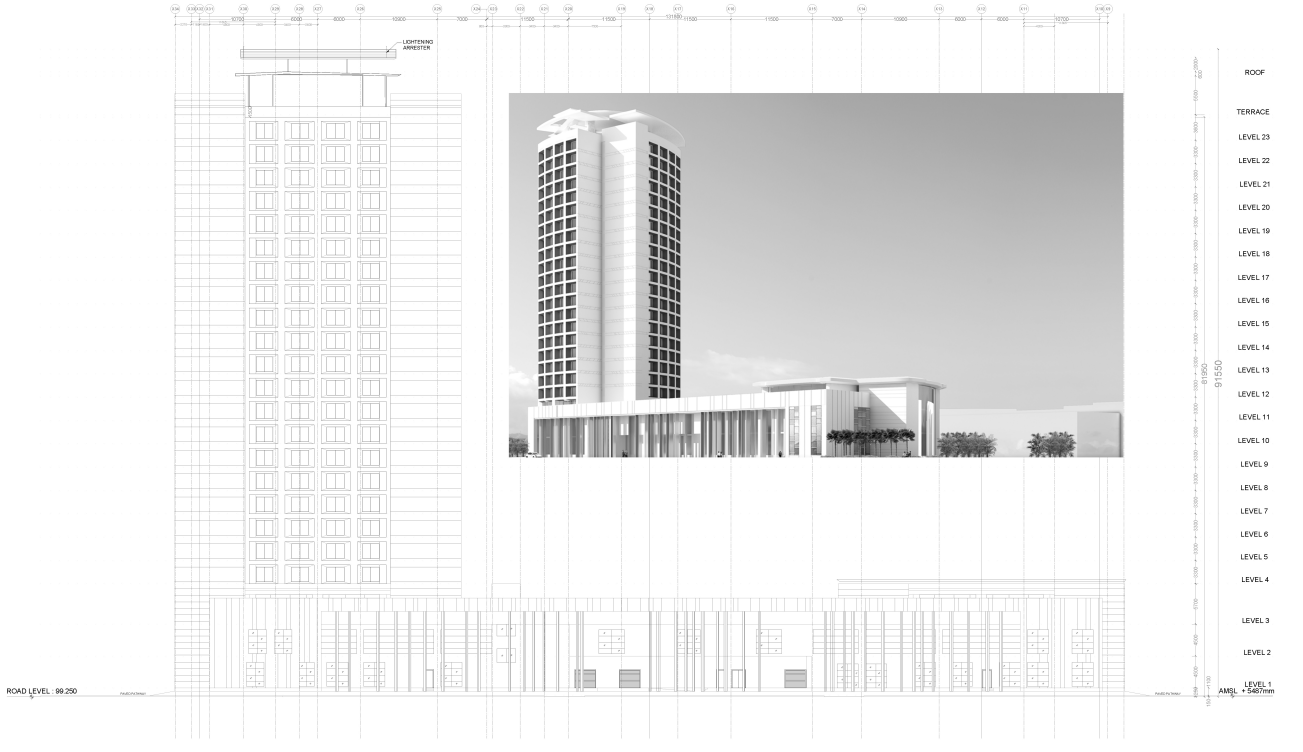






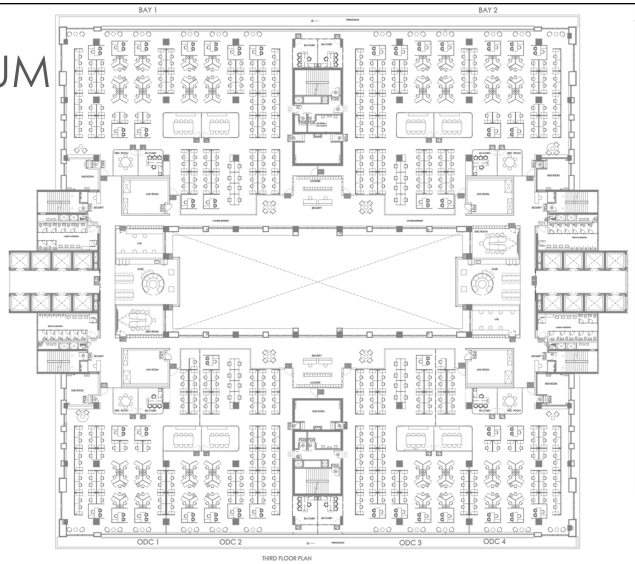






DETAILINGS I

INFOSYS TRIVANDRUM SDB 4



THIRD FLOOR PLAN

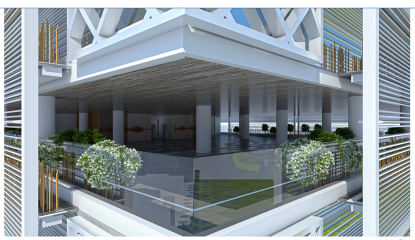
DOOR CODING

SL	CODE	SIZE	NO.	DESCRIPTION	LOCATION
1	D1	1000MM x 2850MM	24	SINGLE LEAF GLASS DOOR WITH ANODISED BRONZE FINISH DOOR OPENING SHALL BE NORMALLY OF CLEARED SIZES AS SHOWN IN THE DRAWINGS. DOOR FRAMES SHALL BE ALUMINIUM SECTIONS WITH 10MM THICK TOUGHENED GLASS DOOR LEAF. SINGLE LEAF DOOR FRAME SHALL BE OF 40MM WIDE X 80MM DEEP ALUMINIUM SECTIONS WITH 10MM THICK TOUGHENED GLASS DOOR LEAF AND SHOULD BE PROVIDED WITH 2 DOOR HANDLES AND DOOR LEAF SHALL BE FITTED WITH ONE MORTISE LOCK. ALL ACCESSORIES SHALL BE OF ANODISED BRONZE FINISH. DOOR SHALL BE FITTED WITH ONE NUMBER OF DOOR CLOSER. ALL ACCESSORIES SHALL BE AS RECOMMENDED FOR ACCIDENT SHOWN.	BAY CUBES / BAY SERVICE HOUSING / LVR
2	D2	1200MM x 2850MM	14	SINGLE LEAF GLASS DOOR WITH ANODISED BRONZE FINISH DOOR OPENING SHALL BE NORMALLY OF CLEARED SIZES AS SHOWN IN THE DRAWINGS. DOOR FRAMES SHALL BE ALUMINIUM SECTIONS WITH 10MM THICK TOUGHENED GLASS DOOR LEAF. SINGLE LEAF DOOR FRAME SHALL BE OF 40MM WIDE X 80MM DEEP ALUMINIUM SECTIONS WITH 10MM THICK TOUGHENED GLASS DOOR LEAF AND SHOULD BE PROVIDED WITH 2 DOOR HANDLES AND DOOR LEAF SHALL BE FITTED WITH ONE MORTISE LOCK. ALL ACCESSORIES SHALL BE OF ANODISED BRONZE FINISH. DOOR SHALL BE FITTED WITH ONE NUMBER OF DOOR CLOSER. ALL ACCESSORIES SHALL BE AS RECOMMENDED FOR ACCIDENT SHOWN.	ENTRY TO WORK BUILDING.
3	FD1	1500MM X 2850MM (1050MMx 445MM) WITH VISION PANEL		FIRE RATED DOOR - PROVIDING AND FIXING OF KOLLON METAL FIRE DOOR , AT ALL LEVELS FROM BOTTOM OF SUBSTRUCTURE UP TO TOP OF SUPERSTRUCTURE AS PER DRAWING AND SPECIFICATION. SINGLE DOOR SHOULD BE OF SIZE 2100 X 900 MM OR 2100 X 1000 MM AS PER IS 884 : 1992 OR IS 1081 : 1960 AS THE CASE SHOULD BE VERIFIED AT DRAWING FOR MINIMUM RATING OF 2 HRS BOTH WITH VISION PANEL AND WITHOUT VISION PANEL. FRAMES (MACHINED STEEL SINGLE DOOR/ DOUBLE DOOR AS THE CASE MAY BE FROM A YOUR RATING OF APPROVED MAKE MAKE) LEFT HAND OR RIGHT HAND AS PER DRAWING AND SPECIFICATION. DOOR LEAF SHALL BE OF SAME MAKE AS THE FRAME AND SHALL BE OF 2 HRS

INFOSYS SDB 12
PUNE, INDIA

Infosys® SDB 12, PUNE

BREAKOUT LEVEL PLAN



1

2

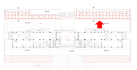
Infosys® SDB 12, PUNE

KARBONN
BANGALORE, INDIA

INFOSYS ECC
HYDERABAD, INDIA

Infosys® ECC, HYDERABAD

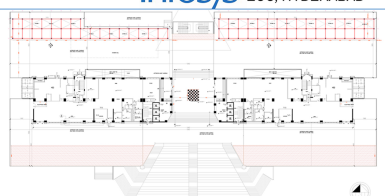
ARCHES



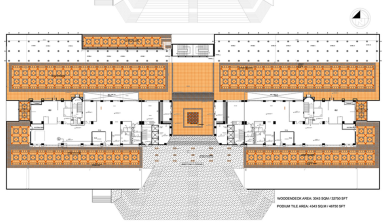
Infosys® ECC, HYDERABAD

PODIUM VIEW

Infosys® ECC, HYDERABAD

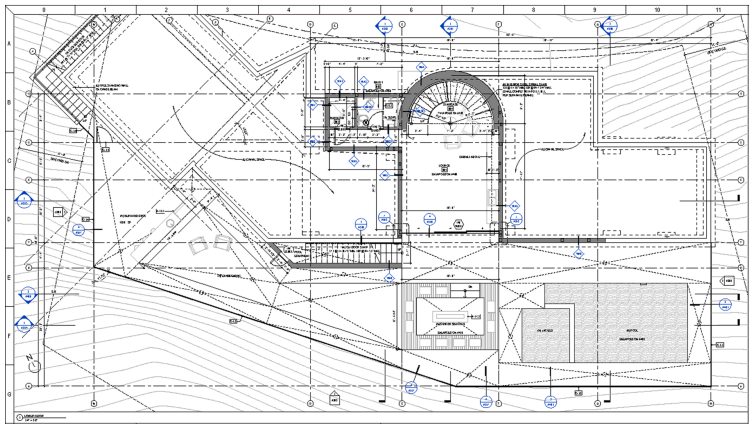


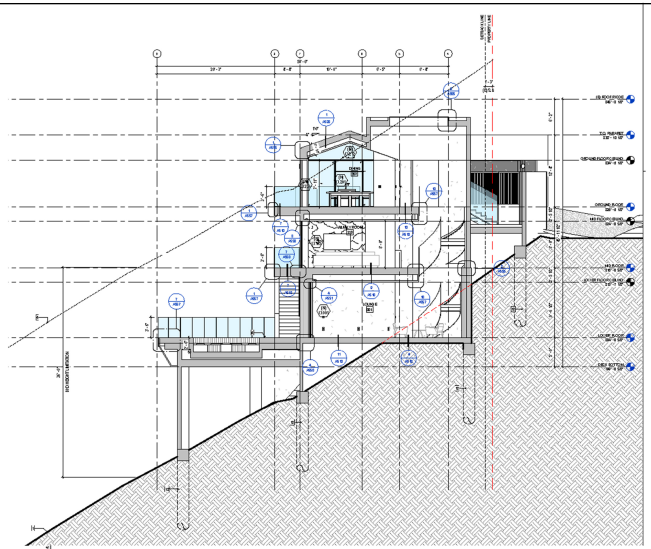
ARCH LEVEL PLAN

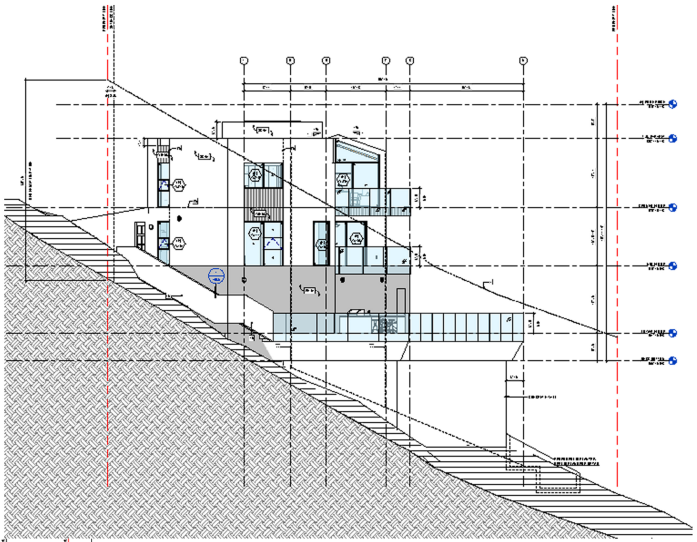


TILE FLOORING LAYOUT

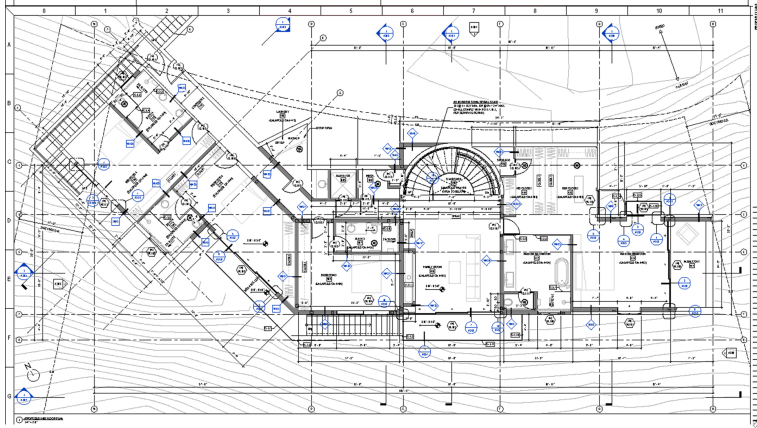
DETAILINGS III

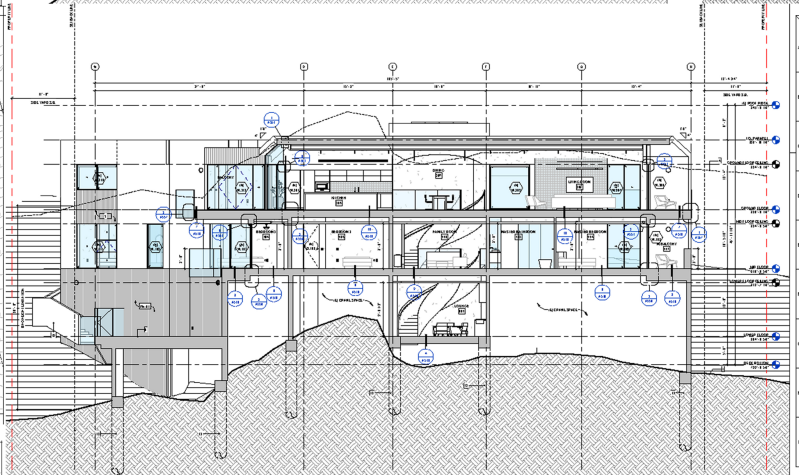


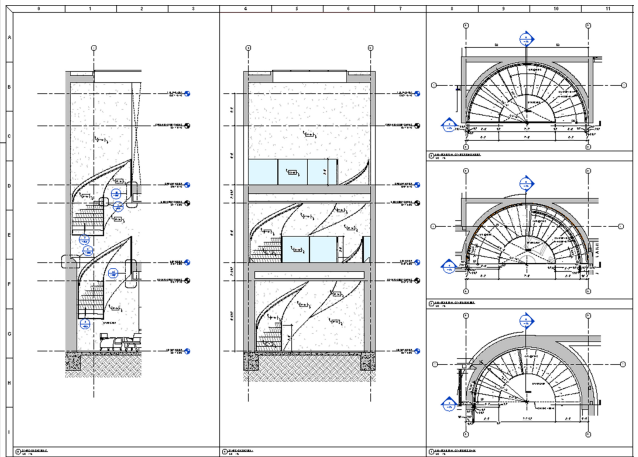


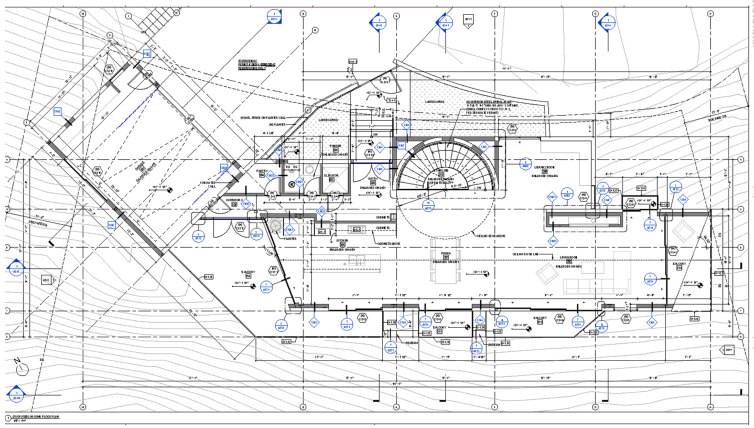


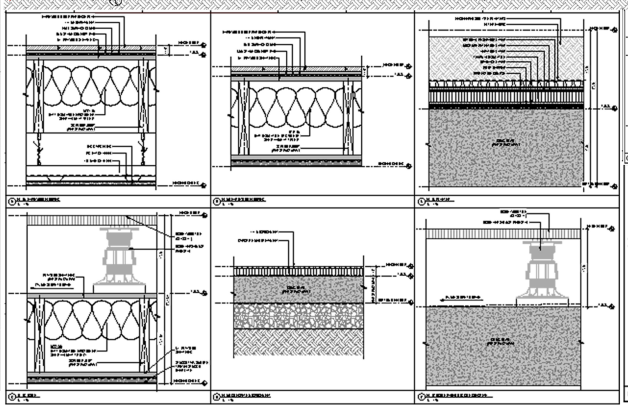
VILLA
USA

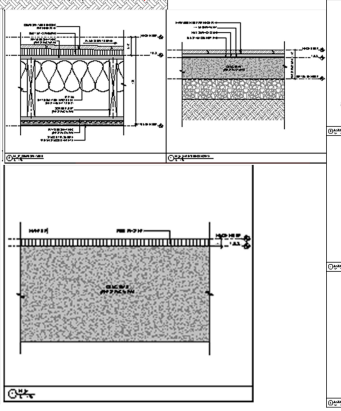


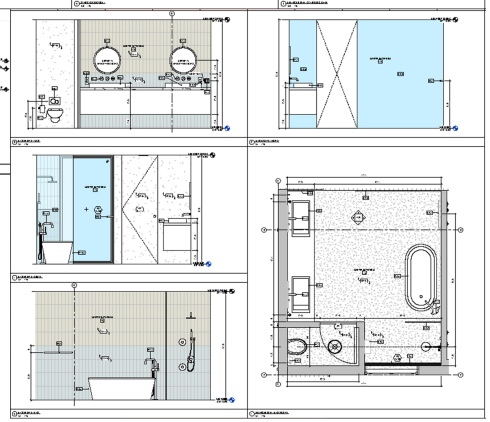


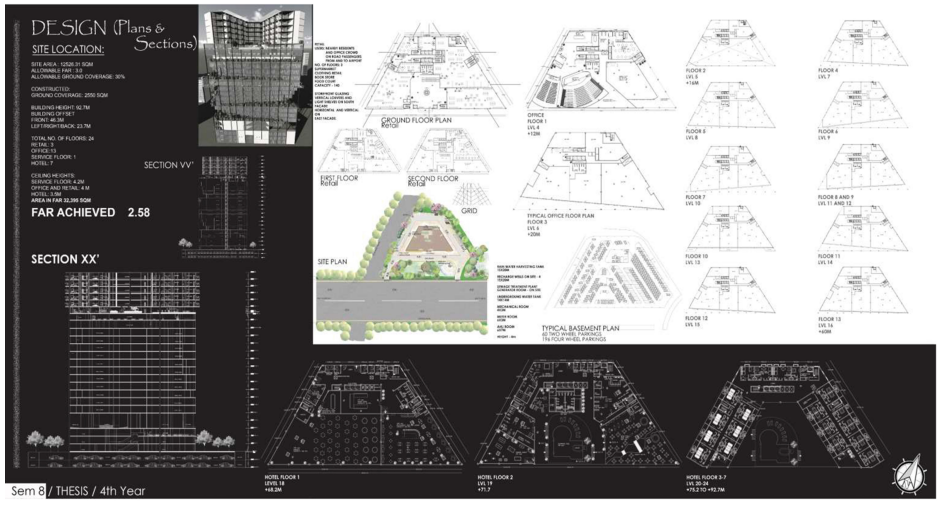


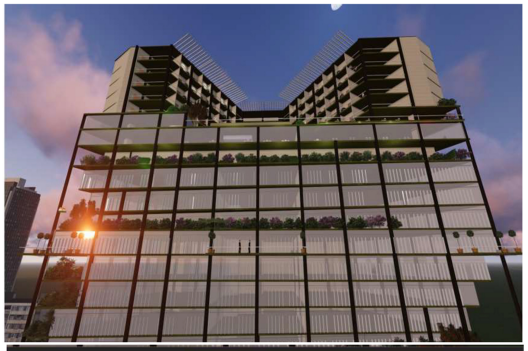


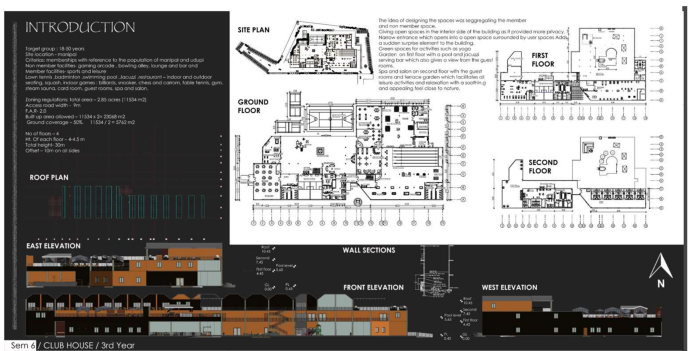


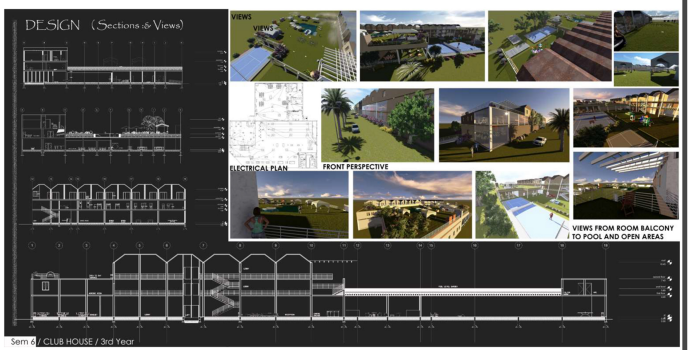


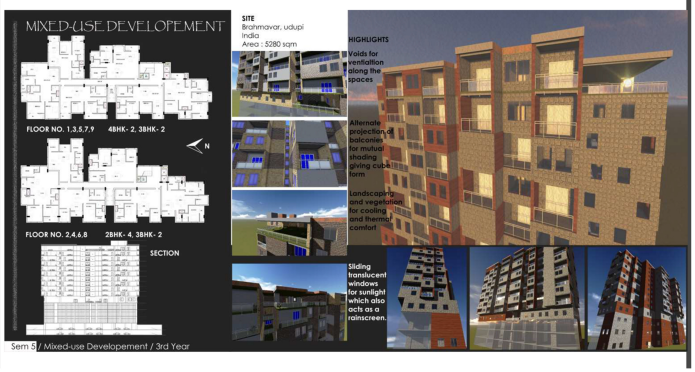


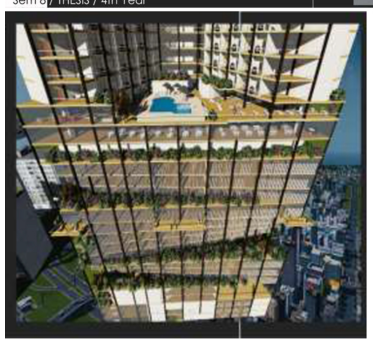


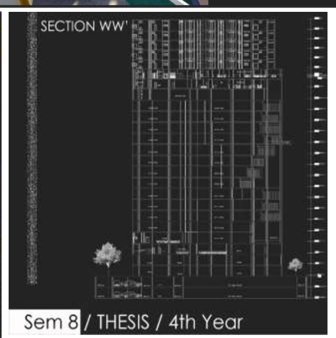






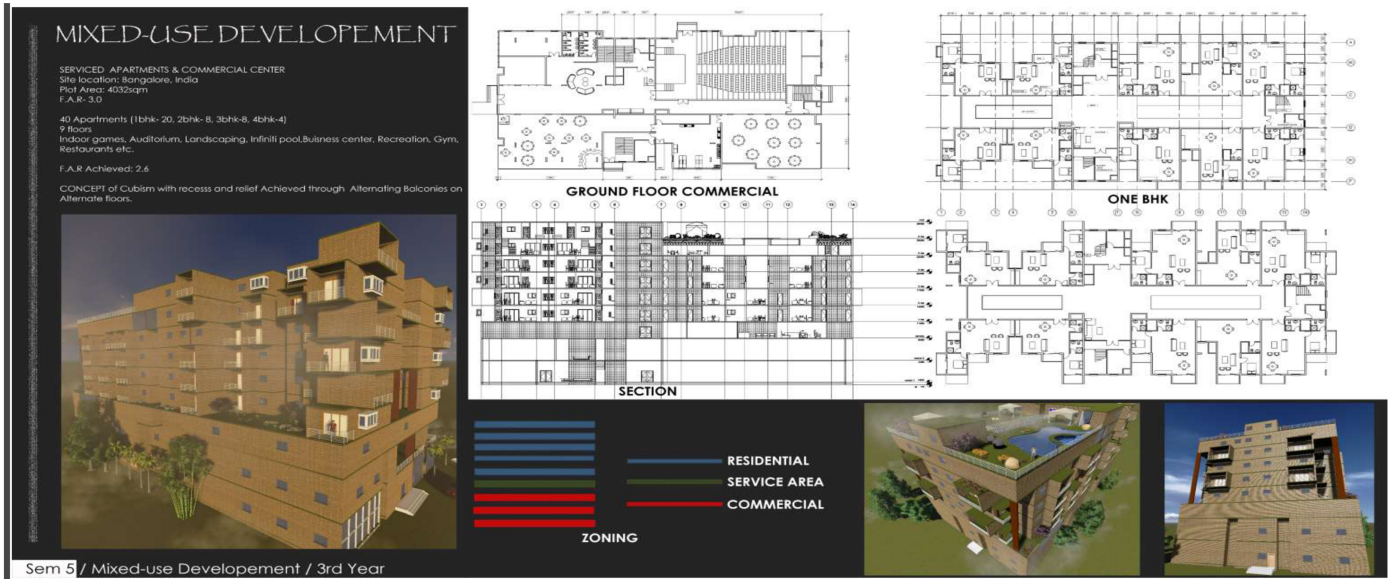


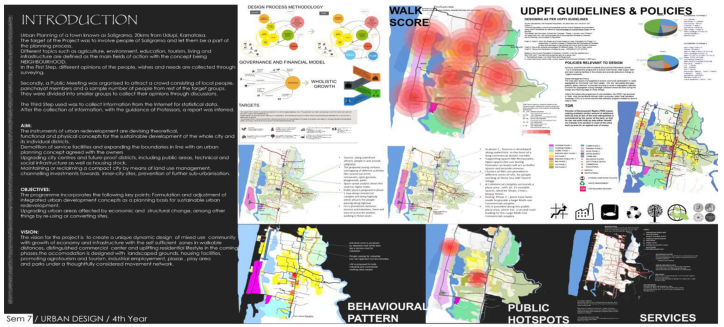


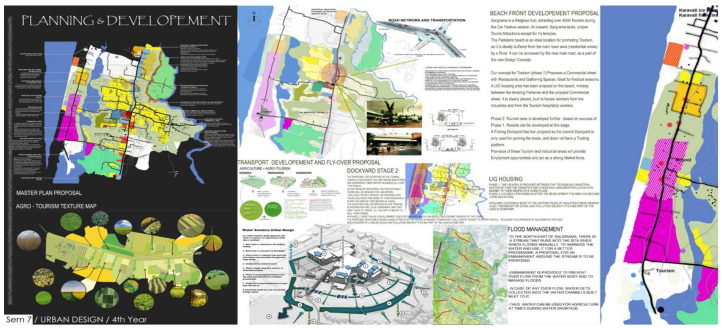


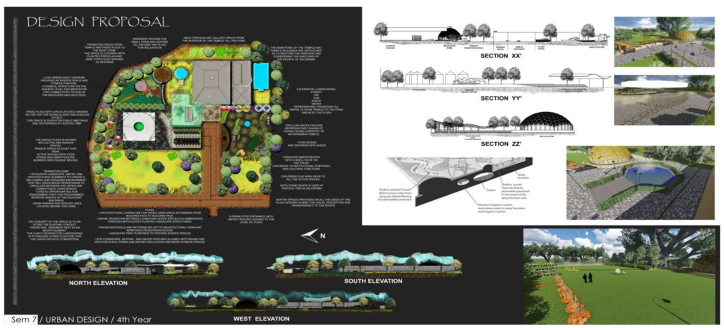
THESIS : BIO-CLIMATIC MIXED USE TOWER OPPOSITE ANGULAR FACADE BUILDING WITH 24 FLOORS DESIGNED WITH A BACKED UP DESSERTATION ON SERVICE CORES IN TALL BUILDINGS FROM VARIOUS INTERNATIONAL CODES AND CASE STUDIES CONDUCTED IN DUBAI & ENERGY ANALYSIS STATED WITH ACTUAL LOCATION THROUGH AUTODESK VASARI & REVIT.

REVIT ACADEMIC WORKS









In college, I acquired Revit skills, vital for architectural projects. Implementing Revit in coursework honed my proficiency. Applying it to real-world projects as an architect refined my expertise, enabling seamless design and collaboration.