



BimOffis Pvt Ltd

"Precision, Efficiency, and Innovation in
Construction with BIM"

Be a Pioneer in The
BIM Revolution



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(+1) 914-369-1277

BimOffis offers complete Building Information Modeling (BIM) and Computer-Aided Design (CAD) solutions for the Architecture, Engineering, and Construction (AEC) sector. Our aim is to assist our clients in incorporating the most up-to-date construction technology into their projects within their specified schedules, guidelines, and financial resources.

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3	BIM Service		
4	MEPF BIM Services		
5	Architectural BIM Services		

A photograph of three business professionals in a meeting. One person in a white lab coat is pointing at a document on a table, while others look on attentively.

Know us

After more than ten years of experience in delivering **Building Information Modeling (BIM)** solutions to offshore **Architecture, Engineering, and Construction (AEC)** companies, we have become a comprehensive solution provider for our clients.

Our team comprises more than 200+ professionals who are located across the West and East coasts of the United States, the Middle East, and India.

As a global BIM expert, we aid in **decision-making and design implementation by providing analysis, fabrication detailing, cost estimation, and scheduling services** at various stages of our client's projects.

From project planning to execution, we offer a range of **BIM modeling services, including Laser Scan To BIM, 3D visualization & CAD drafting.**

Our innovative designs and stringent quality control measures ensure that we deliver excellent customer service, regardless of the size of the business.



EFFICIENCY



INNOVATION



PRECISION

Services

BIM Services

1. 3D Modeling
2. 4D & 5D Services
3. Scan to BIM
4. CAD to BIM
5. Revit Family Creation
6. Clash Detection
7. CAD Drafting
8. Code Specific Area report
9. Hire Dedicated

MEPF BIM Services

10. MEP 3D Modeling
11. Mechanical Modeling & Drawings
12. Electrical Modeling & Drawings
13. Plumbing Modeling & Drawings
14. Fire Safety Drawings
15. MEP Shop Drawings
16. HVAC Duct Shop Drawings

Architectural BIM Services

17. Architectural 3D Modeling
18. Construction Document set
19. CAD as-built Drawings
20. Shop Drawings
21. 3D Visualization & Walkthrough

Structural BIM Services

23. Structural 3D Modeling
24. Fabrication Steel Detailing
25. Rebar Modeling
26. Fabrication Shop Drawings

LOD 100

LOD 200

LOD 300

LOD 400

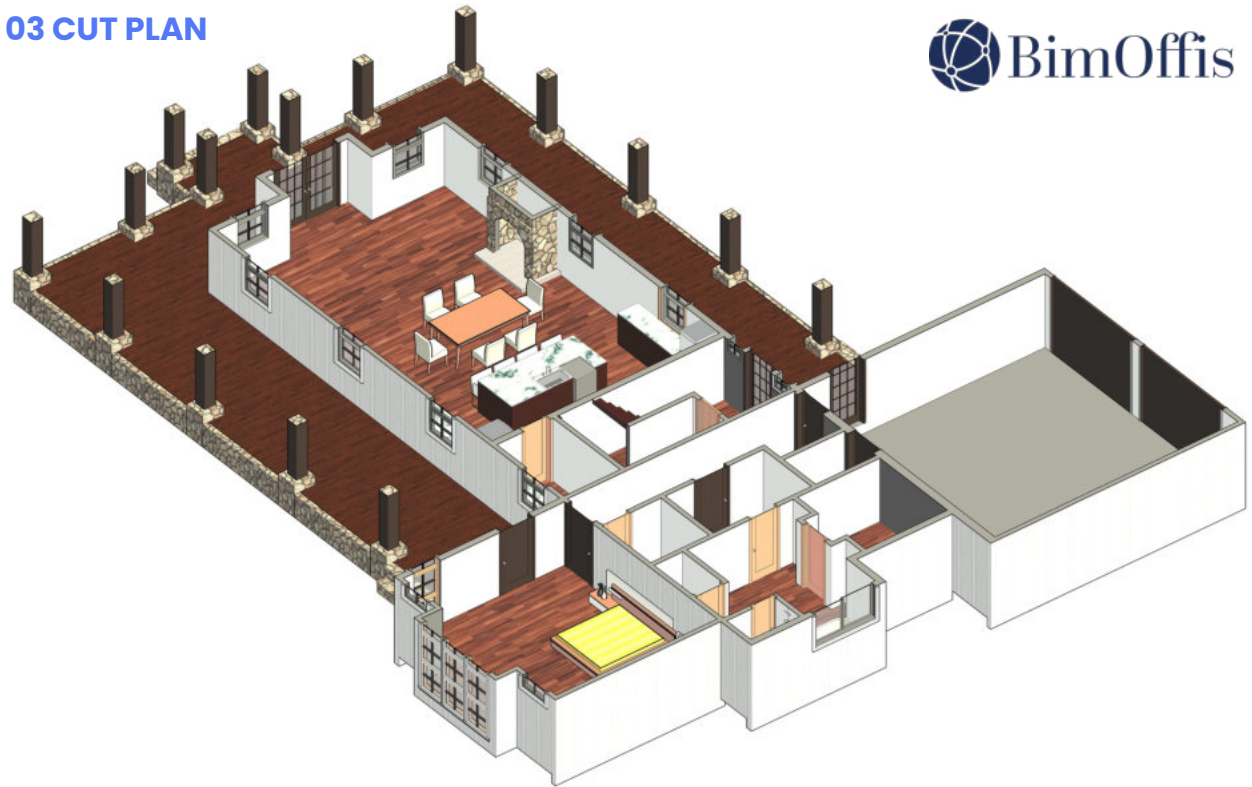
LOD 500

BIM Services: 3D Modeling

- 3D Model with intelligent 3D objects
- BIM model helps with visualization, quantification, and simulation of design, construction, and other tasks related to the building process



03 CUT PLAN

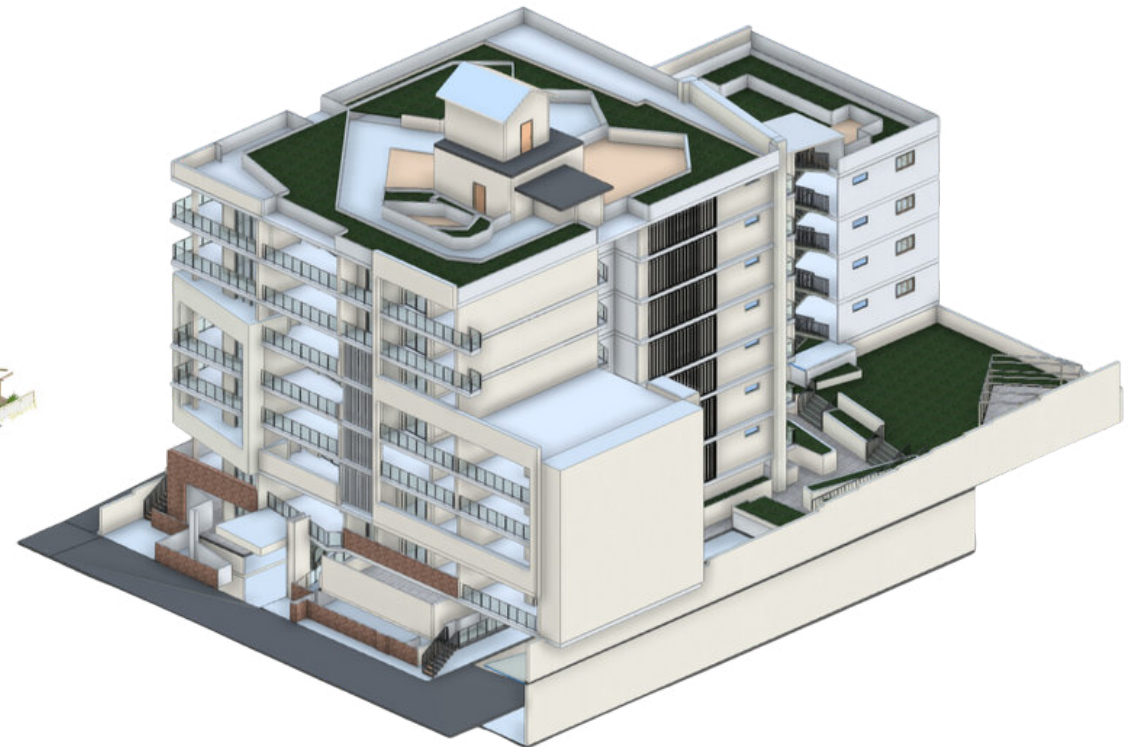


BIM Services: Scan to BIM

- Scan to BIM service provides accurate data of as-built BIM model of the existing building
- Scan to BIM service have main three phases:
 - Scanning & surveying phase
 - Registration phase
 - Conversion phase
- Tracing And Surface Restructuring From Point Cloud Data
- Point Cloud To BIM 4D For Construction Scheduling
- Point Cloud To BIM 5D For Cost Estimation
- Point Cloud To BIM 6D For Sustainability Optimization
- Point Cloud To BIM 7D For Facility Management



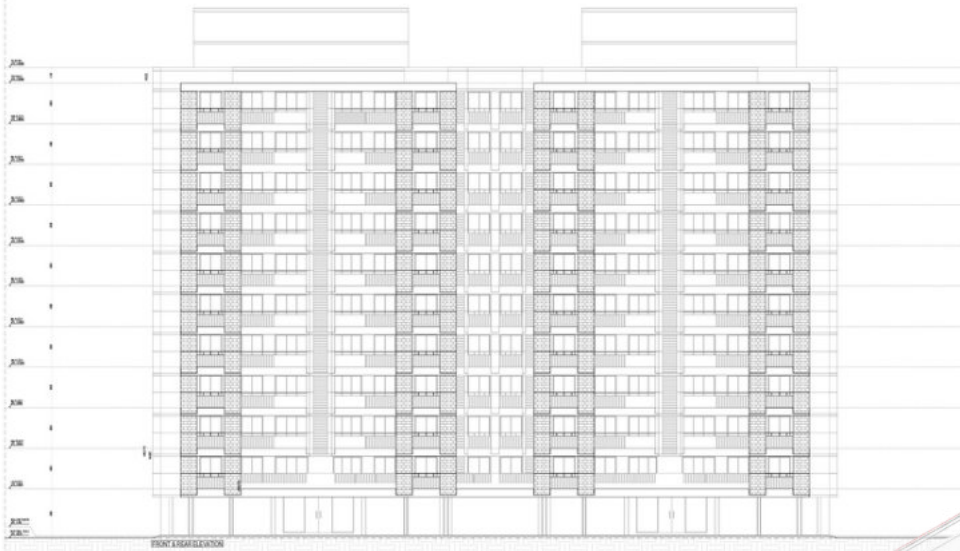
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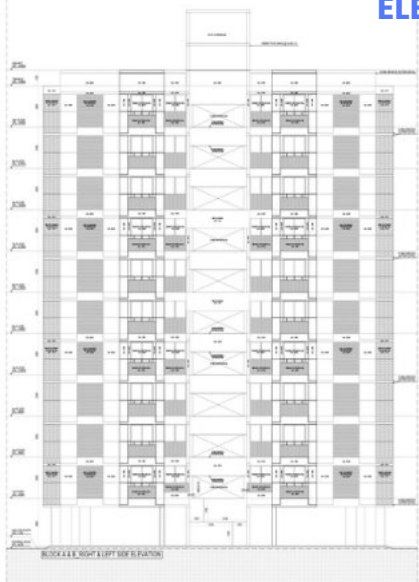
BIM MODEL

BIM Services: CAD to BIM

- AutoCAD to BIM conversion design services offers more accurate plans and models through digitization
- The resolution of converted formats is usually higher
- Creating and managing data during the design, construction and operations process



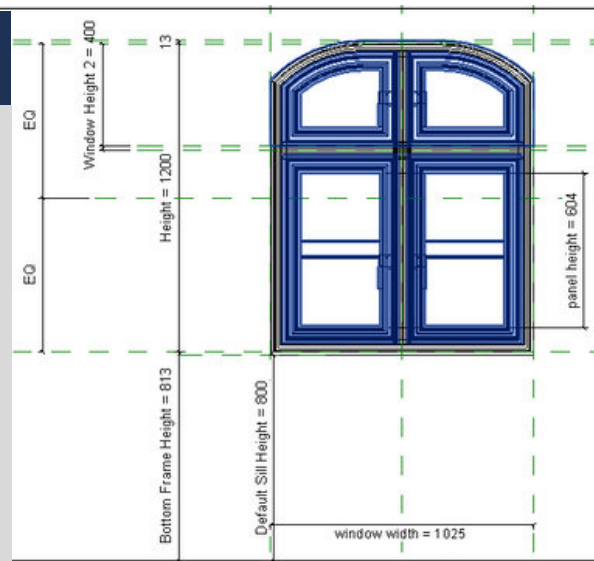
ELEVATION



CAD DRAWING

BIM Services: Revit Family Creation

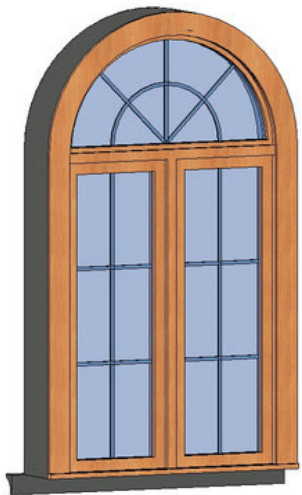
- Structure Components Family Creation
- MEP Revit Families
- Architecture Family Creation
- Building System Families
- Building System Components
- Legends & Title Blocks
- Fixtures, Custom Applications
- Structure Components
- Partitions, Walls, Windows and Doors
- Related Custom and Supporting Content



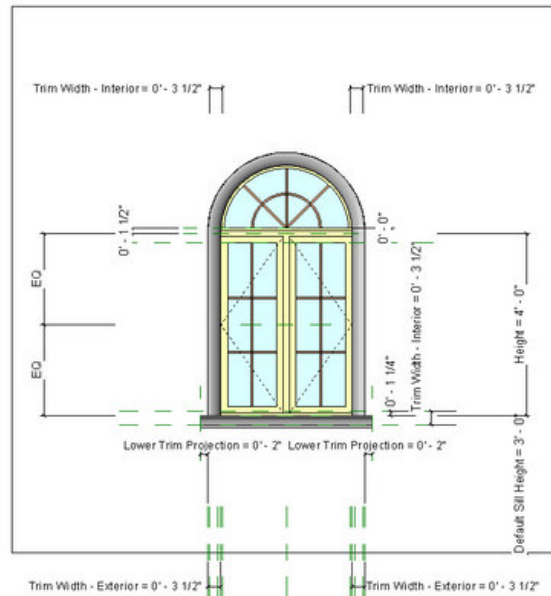
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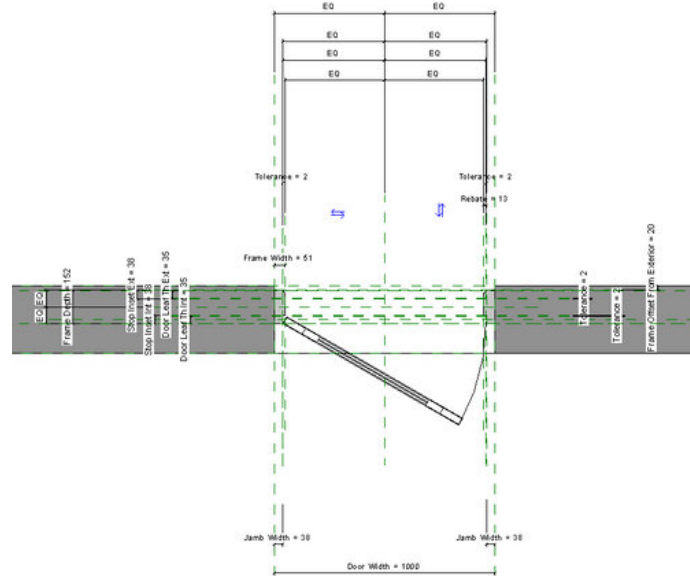
VIEW



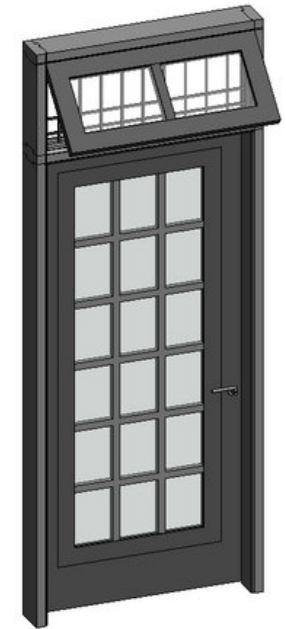
VIEW



ELEVATION



PLAN

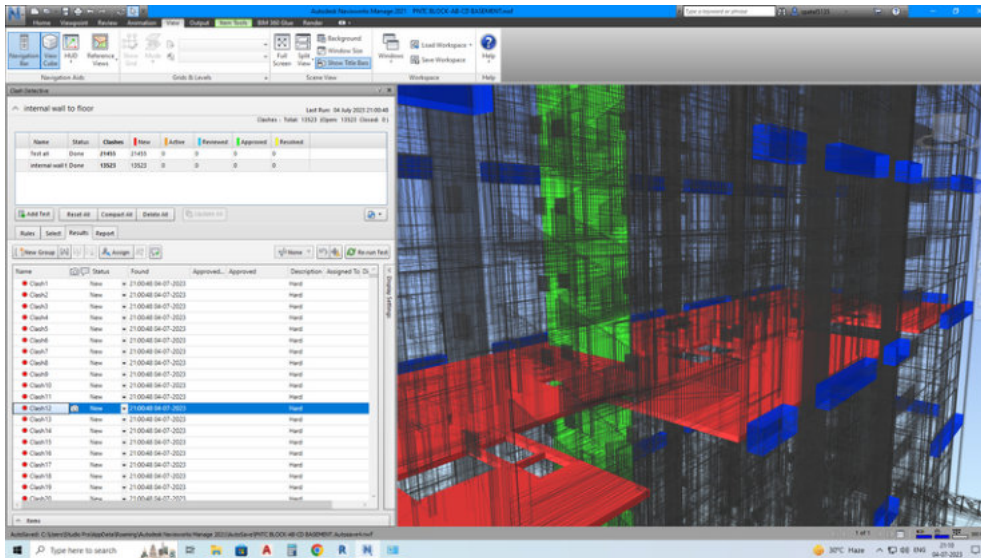


VIEW

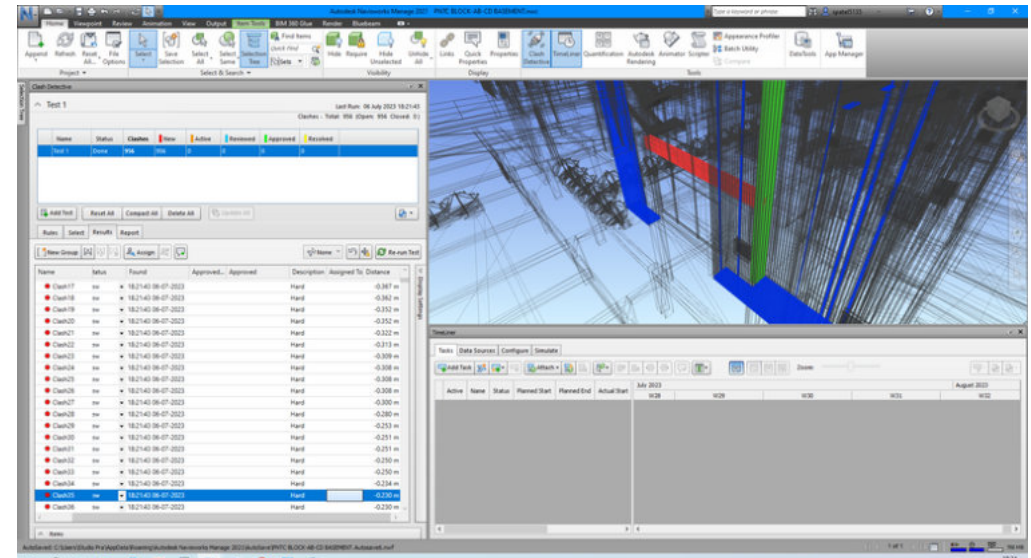
BIM Services: Clash Detection

- NavisWorks Clash Detection
- Revit Clash Detection
- BIM Clash Detection
- 3D Clash Detection
- 2D Clash Detection
- Clash Resolution Services
- Clash Reports

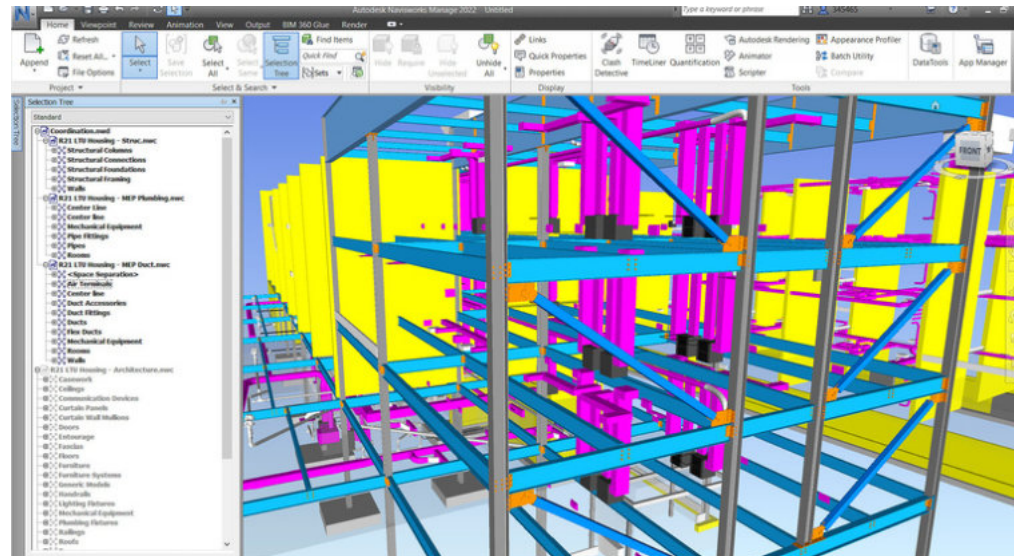
CLASH DETECTION-1



CLASH DETECTION-2

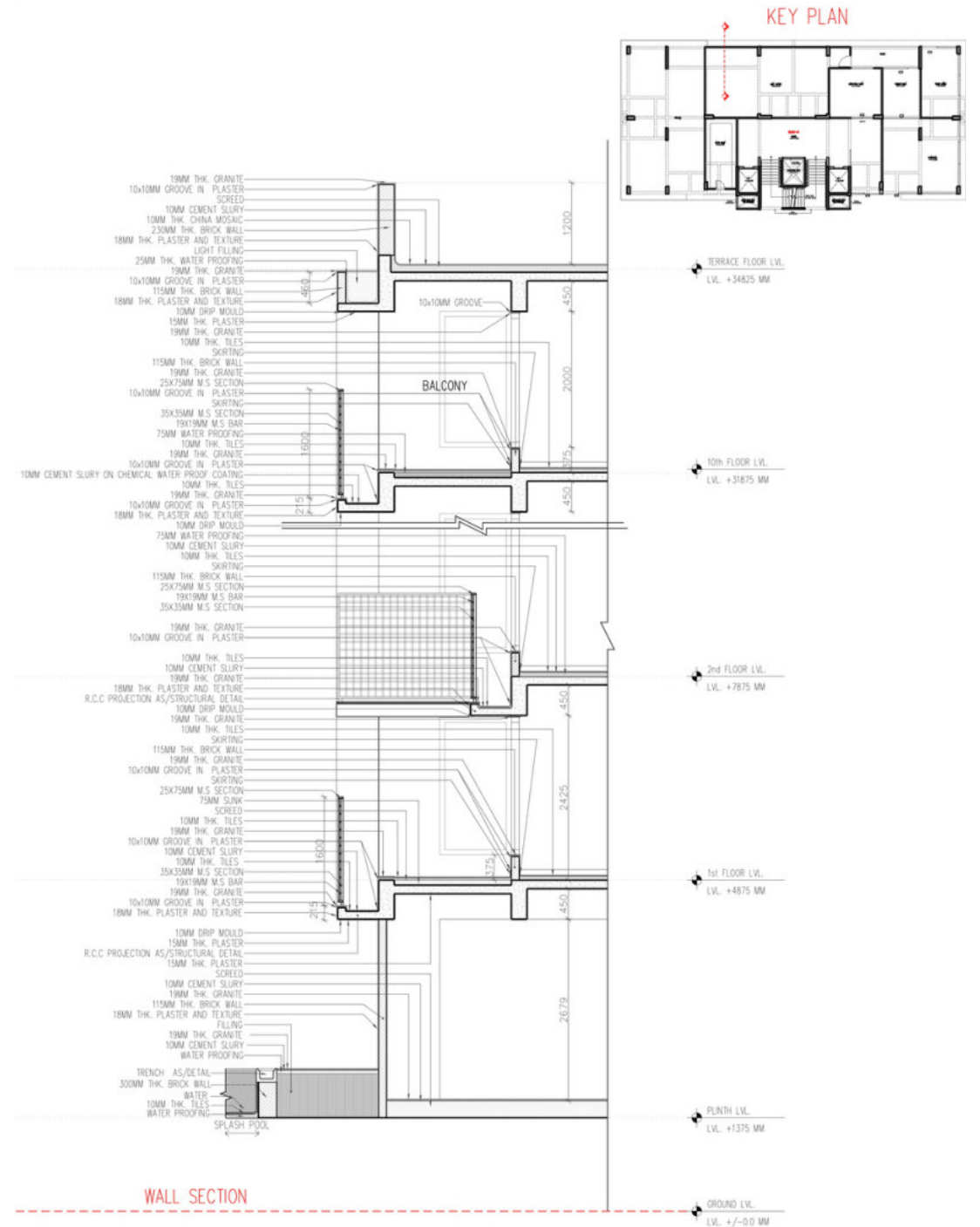
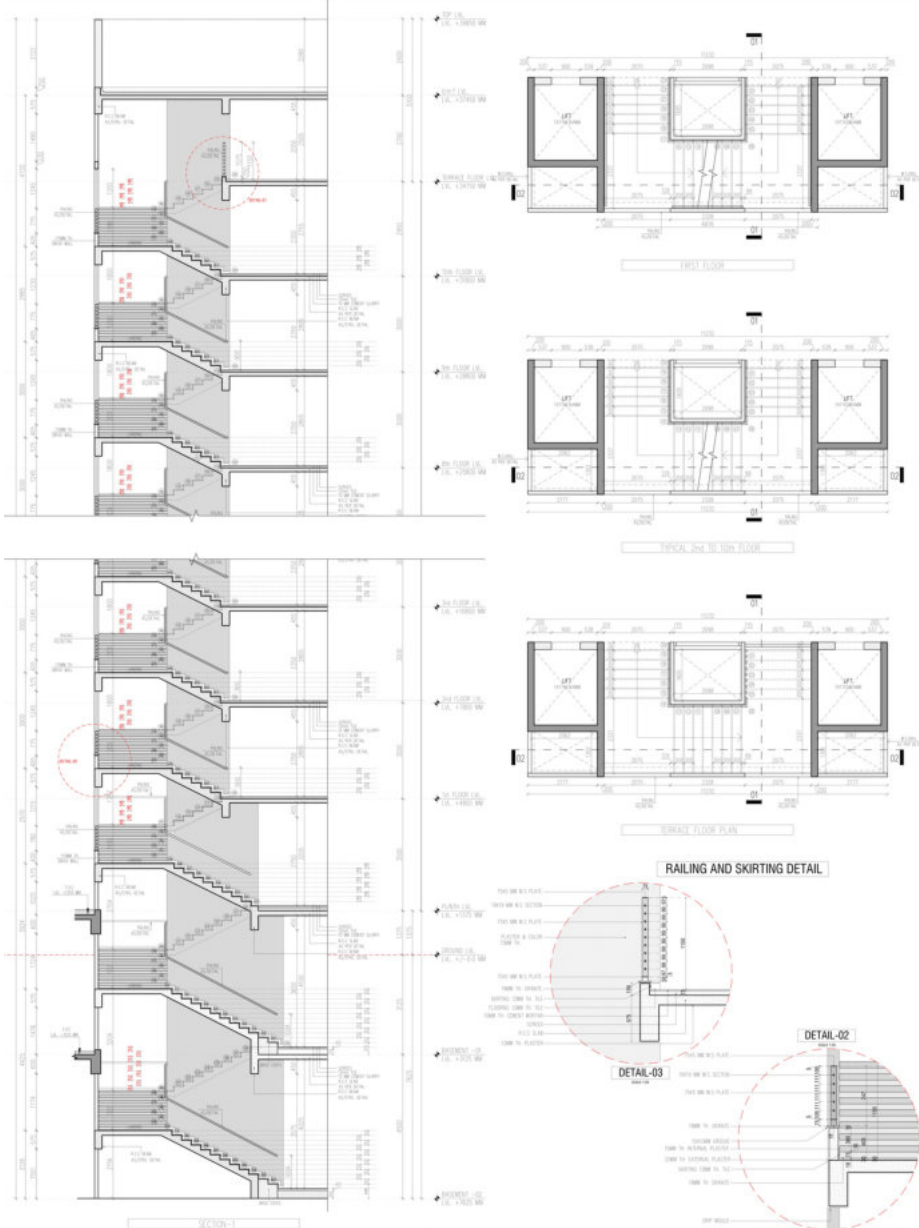


STRUCTURE CLASH DETECTION-3



BIM Services: CAD Drafting

- PDF to CAD Conversion
- Point Cloud to CAD
- Rebar Detailing
- As-Built Drawings



BIM Services: CODE Specific Area Reports

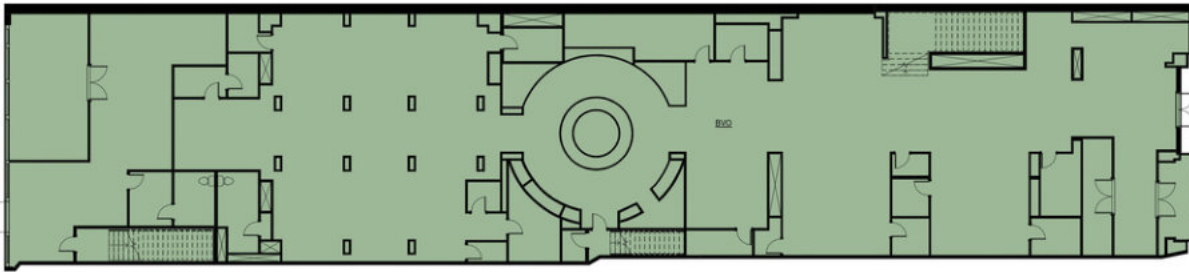
- **NEN2580 measurement report: (Mandated by Dutch Government)**

BVO - Bruto vloeroppervlakte (Gross Floor Area)

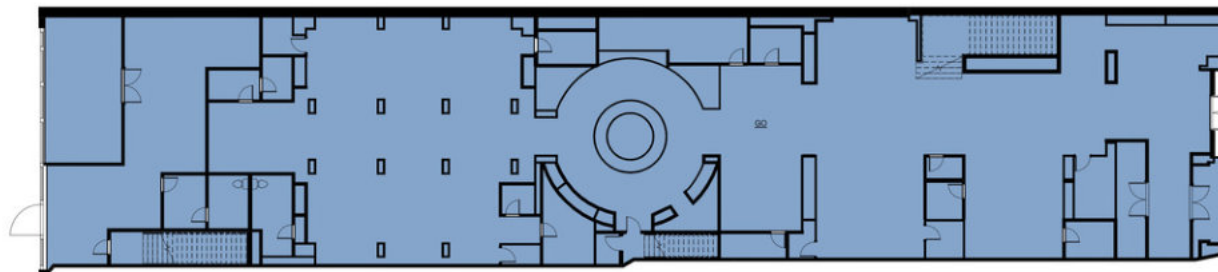
GO - Gebruiksoppervlakte (Usage Area)

VVO - Verhuurbare vloeroppervlakte (Rentable Floor Area)

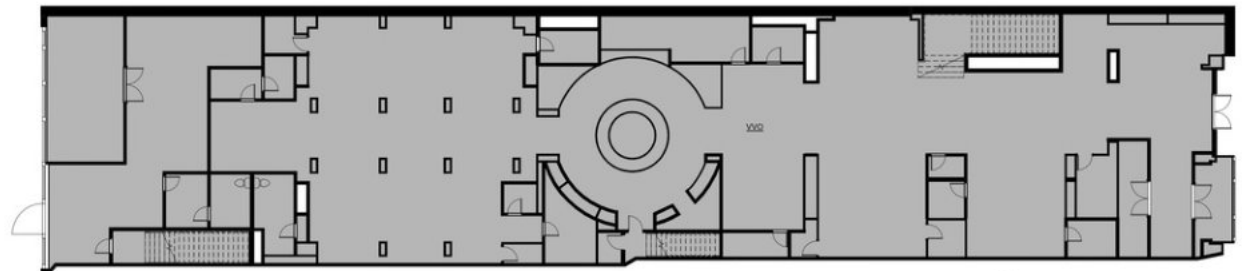
- This Dutch standard provides exact measurements of building surfaces and land following the NEN 2580 standards
- Implementation of NEN enables a uniform and transparent valuation of the property
- Code specific area reports including the NEN2580 Area plans, 3D BIM models using Revit architecture and IFC Specifications



Bruto Vloer Oppervlakte



Gebruiksvloer Oppervlakte



Verhuurbare Vloer Oppervlakte

BimOffis Team



**BIM MANAGER/
ARCHITECT**

- In our team 4 BIM Managers
- 5-7 years of Experience
- Collaborate and coordinate internally and externally with other disciplines design-changes and model changes
- Strategy planner of the BIM projects



**BIM COORDINATOR/
BIM CONSULTANT**

- In our team 6 BIM Coordinators
- 3-4 years of Experience
- Coordinating the process of digital BIM models
- Assure that all project outputs are aligned with the BIM execution plan and client standards



**BIM SPECIALIST/
BIM ENGINEERS**

- In our team 12 BIM Specialist
- 3-4 years of Experience
- Dynamo Experts
- Advanced operator in information management and modeling
- 3D Visualizers



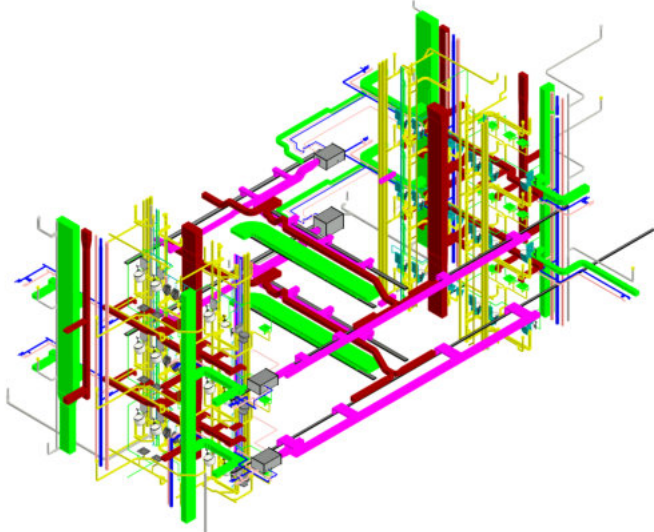
**BIM MODELER/
CAD DRAFTER**

- In our team 30 BIM Modeler
- 2-3 years of Experience
- Responsible for digital processes
- Creating and maintaining 3D models using BIM software

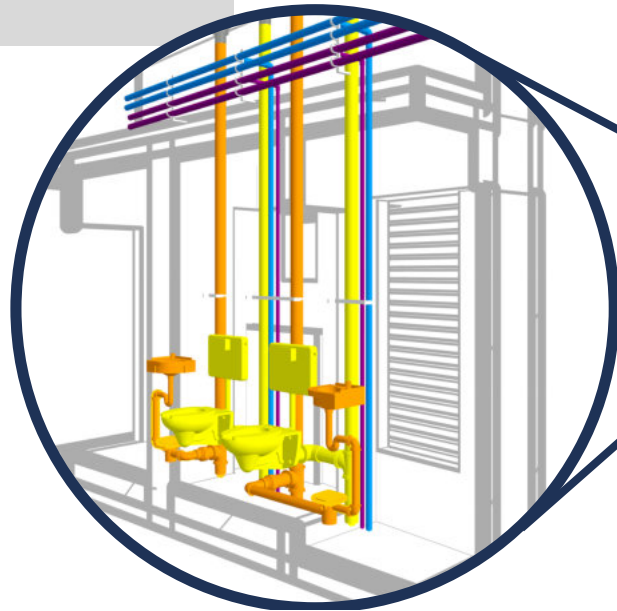
Partner with BIMoffis for dedicated hiring services and gain access to a dedicated team of professionals who are committed to your success. We have a track record of delivering high-quality results for our clients across various industries. Experience the benefits of dedicated outsourcing and unlock new opportunities for growth and efficiency.

MEPF BIM Services: MEP 3D Modeling

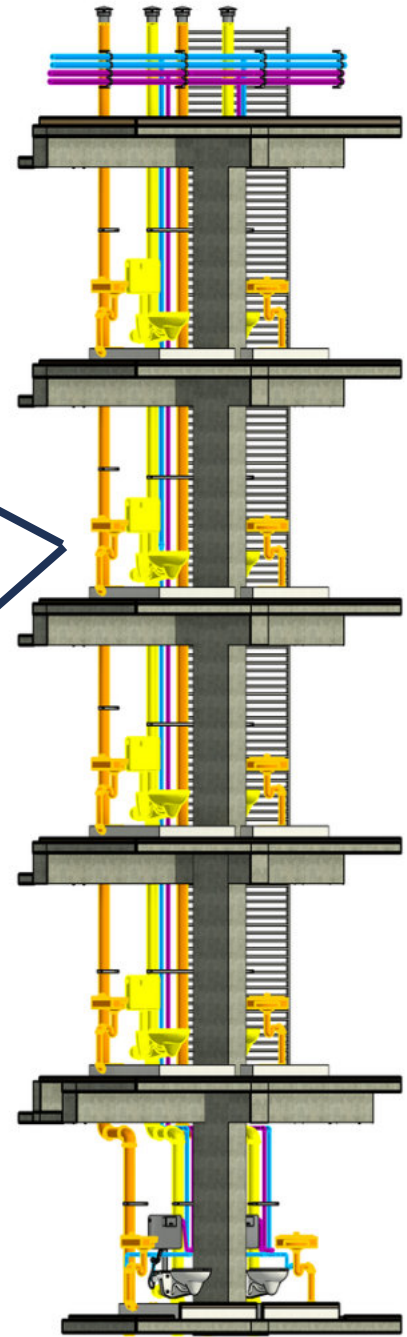
- MEP assist with cost estimation, construction administration, documentation, building management, and building maintenance
- The use of digital models can help to identify and resolve issues before they become costly problems, and the data generated can be used to optimize building performance and reduce energy consumption



MEP SERVICES MODEL



PLUMBING DETAIL



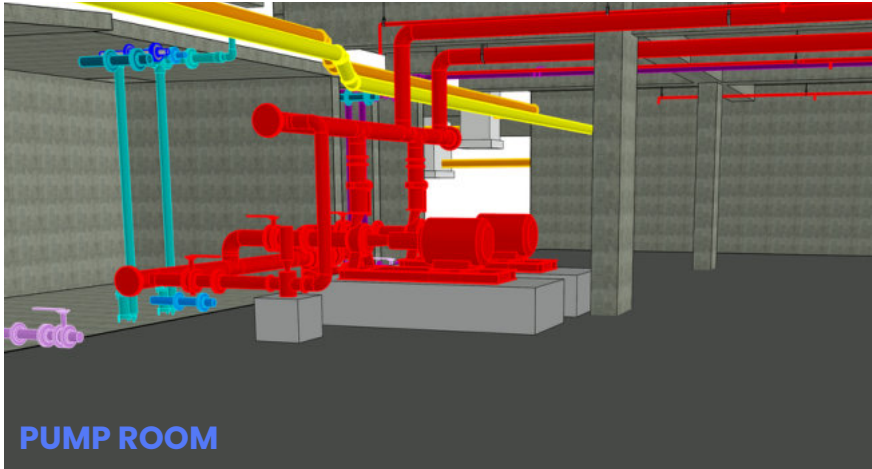
PLUMBING SECTION



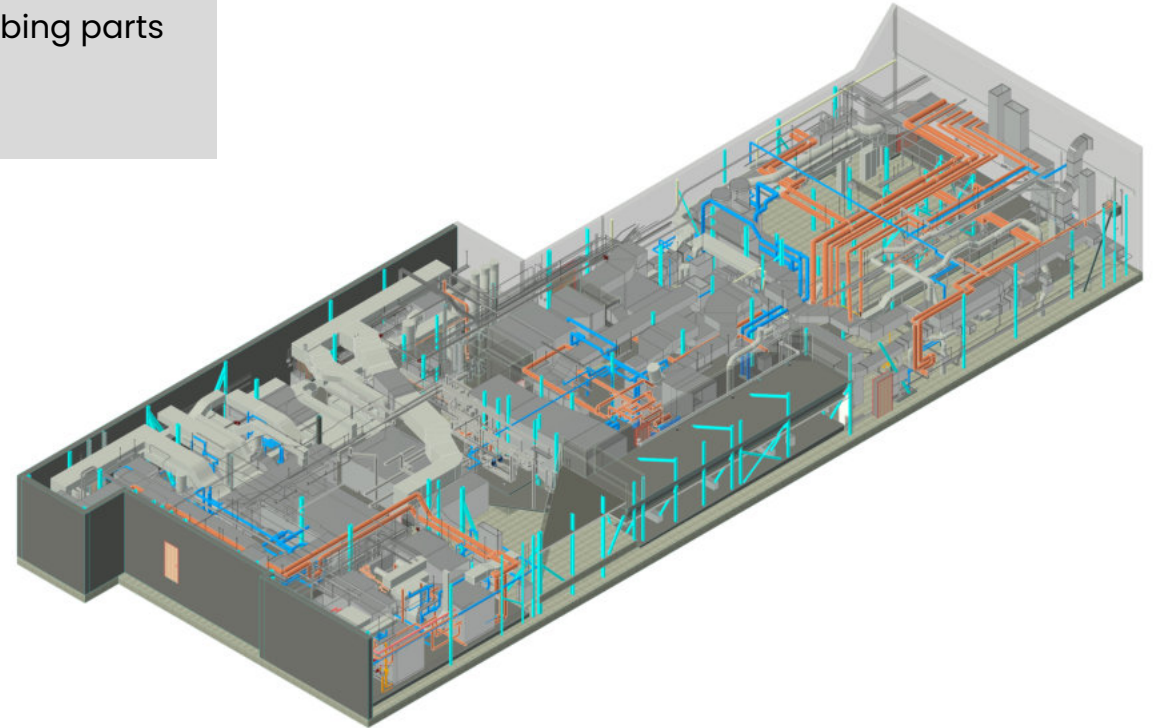
BUILDING SECTION WITH MEP

MEPF BIM Services: Mechanical Modeling & Drawings

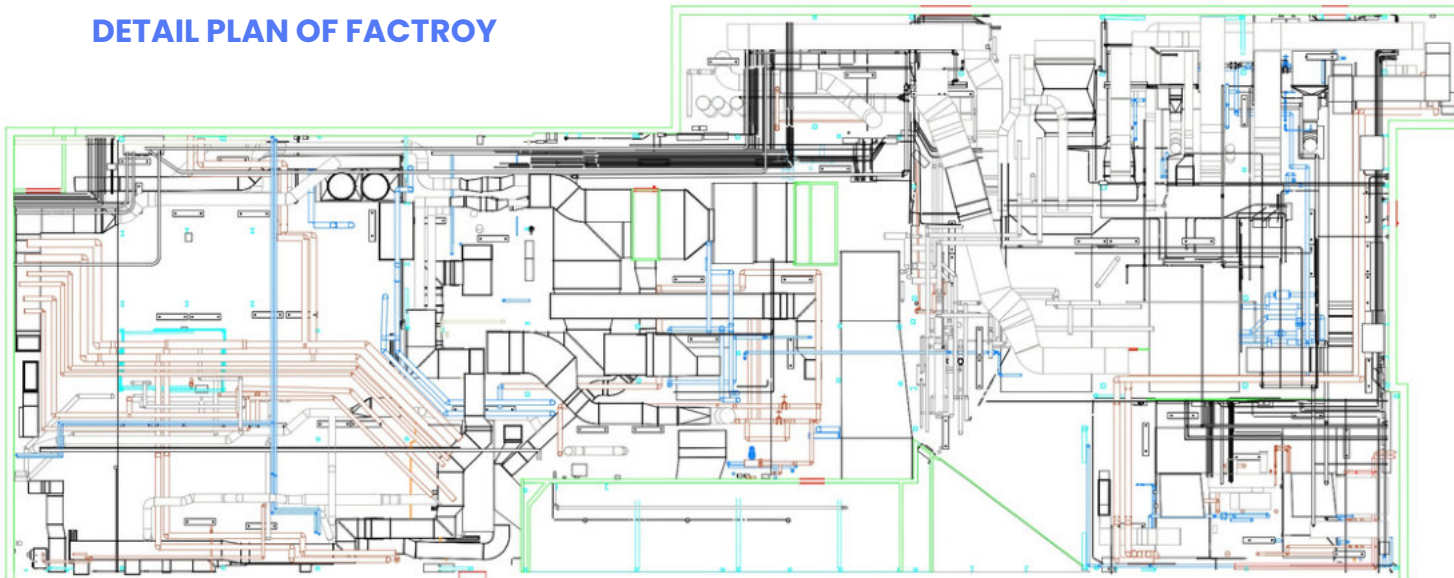
- MEP—Mechanical, Electrical and Plumbing with Firefighting
- MEP constitutes where the mechanical, electrical and plumbing parts are coordinated with each other
- It signifies the respective services within a building



DETAIL MODEL OF FACTORY

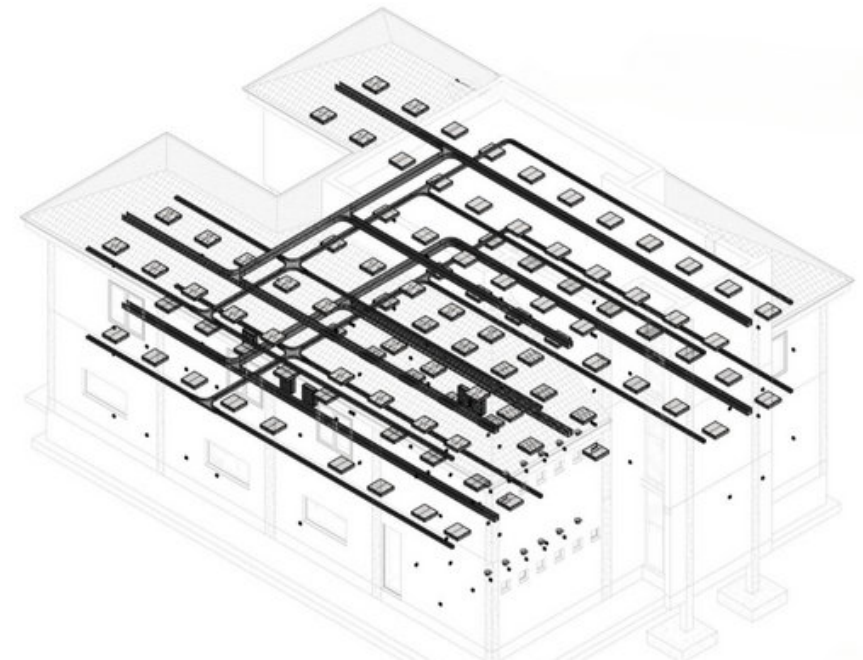
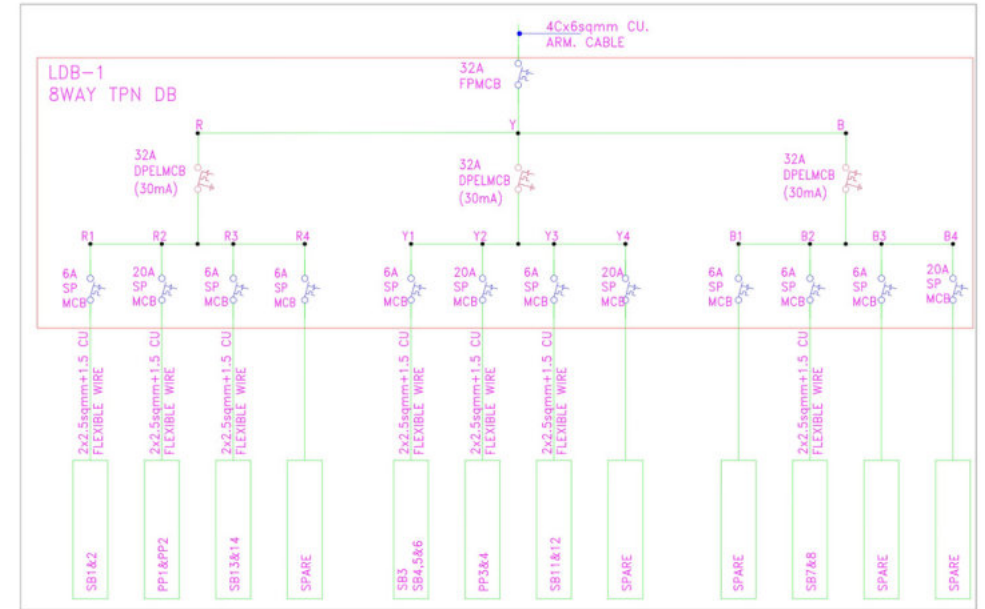
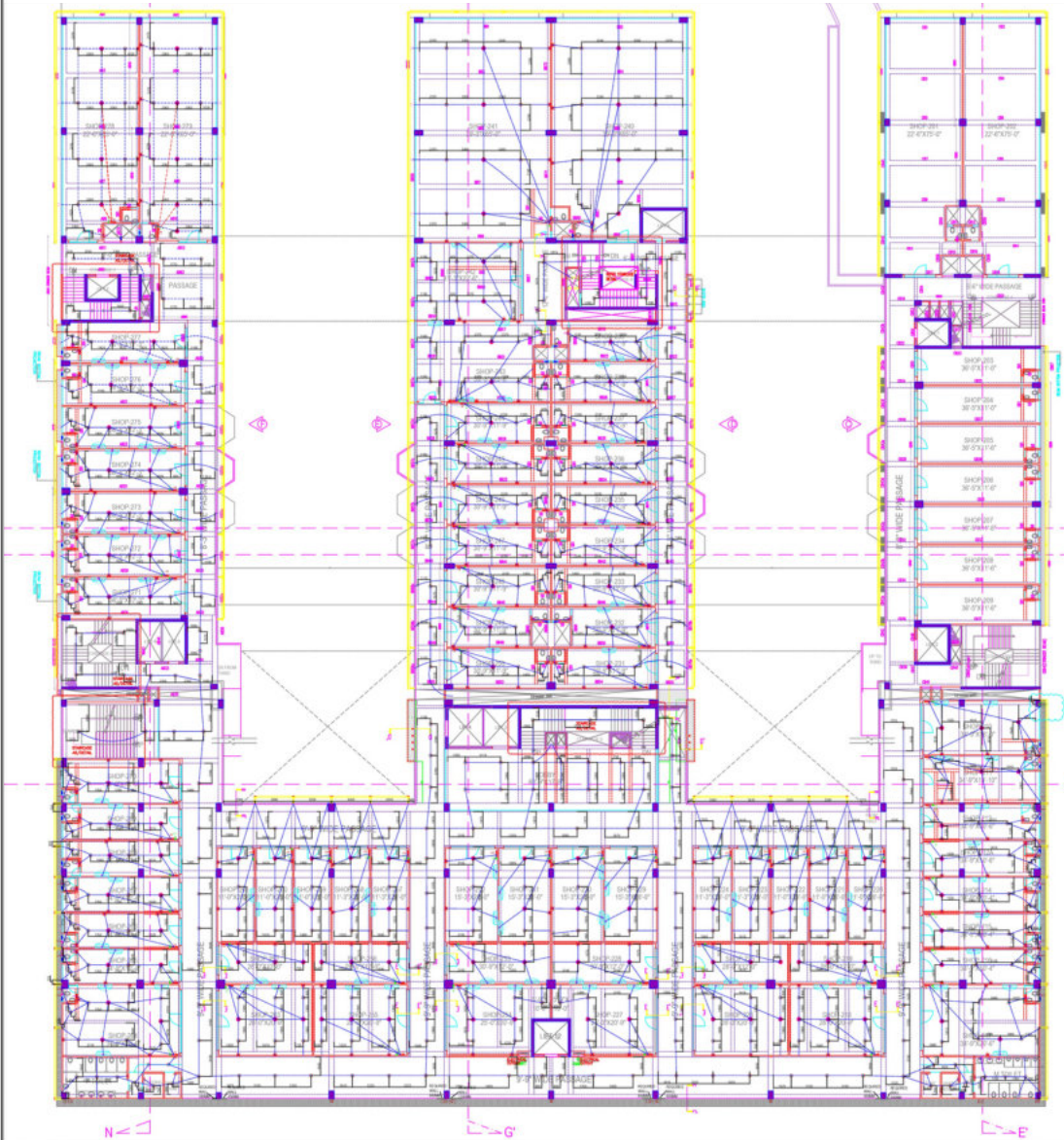


DETAIL PLAN OF FACTORY



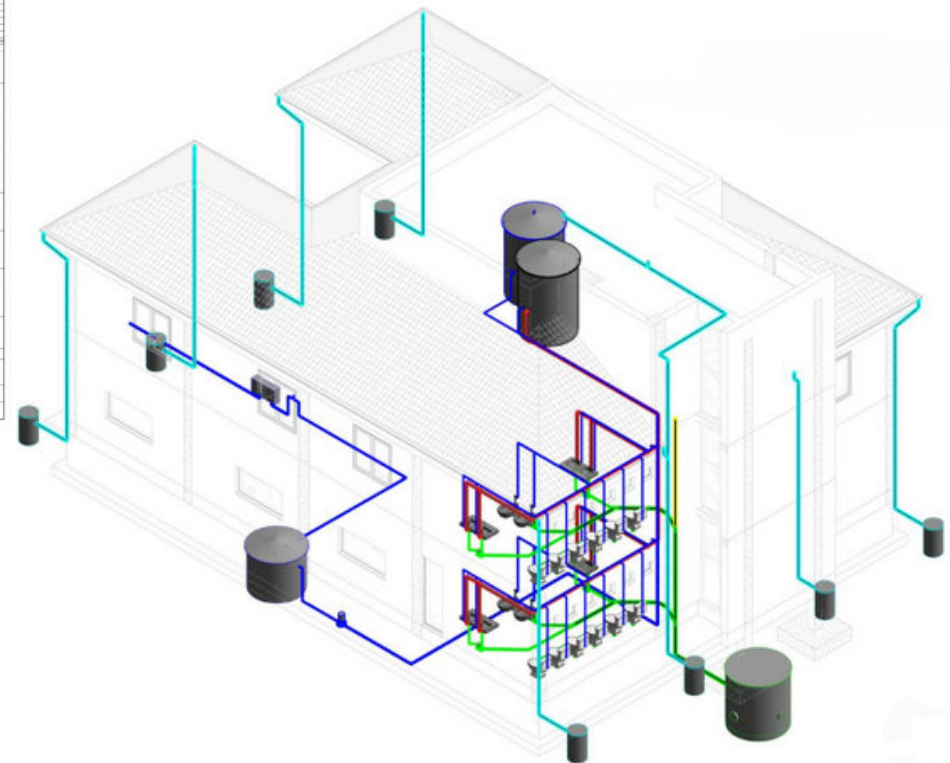
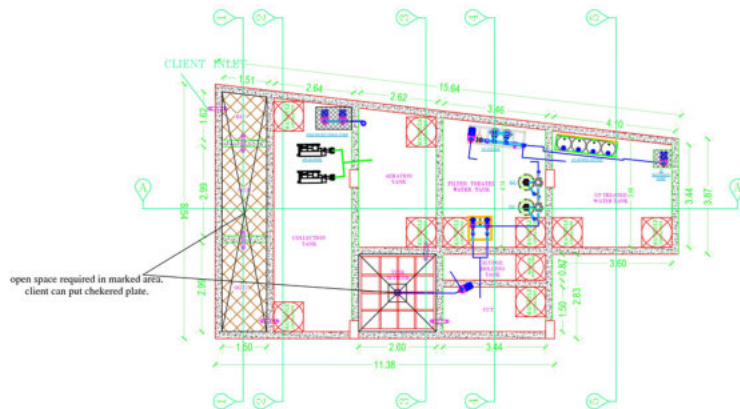
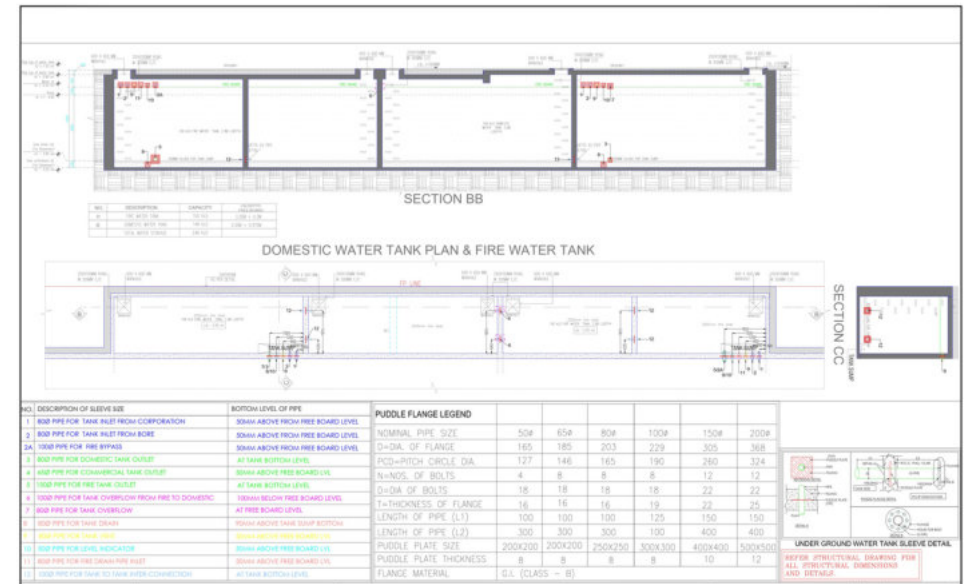
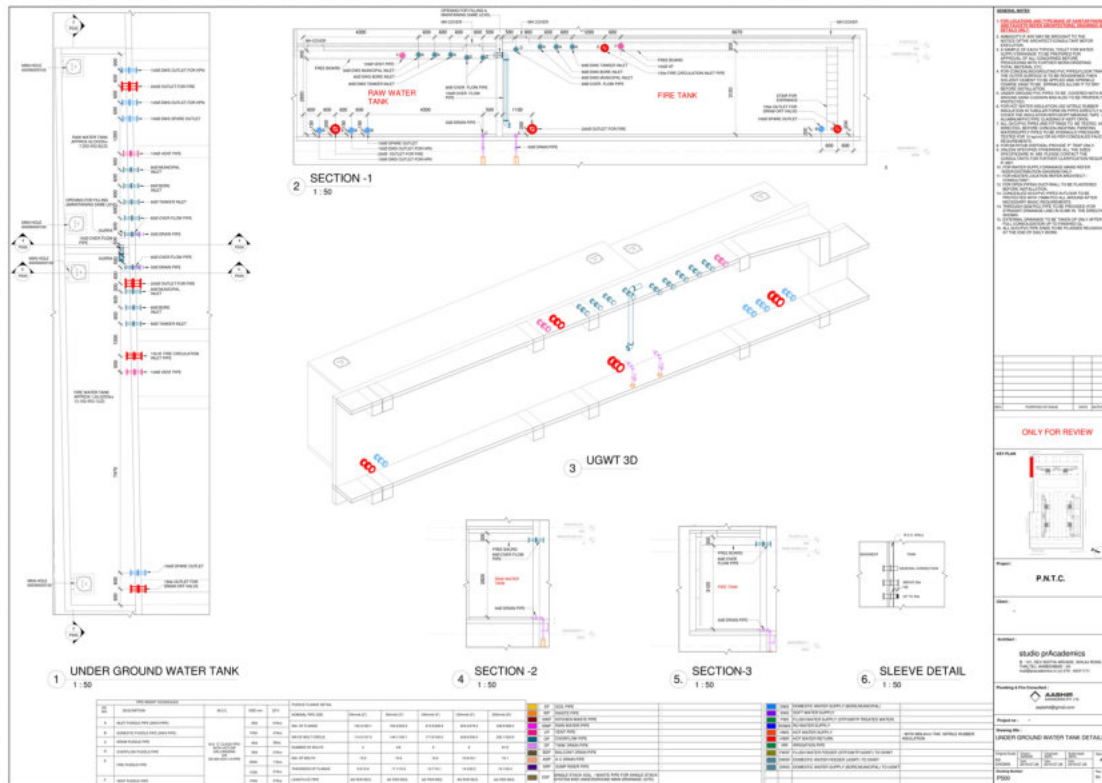
MEPF BIM Services: Electrical Modeling & Drawings

- Contains information about power, lighting, and communication for an engineering or architectural project
- Visual representations of circuits or electrical systems



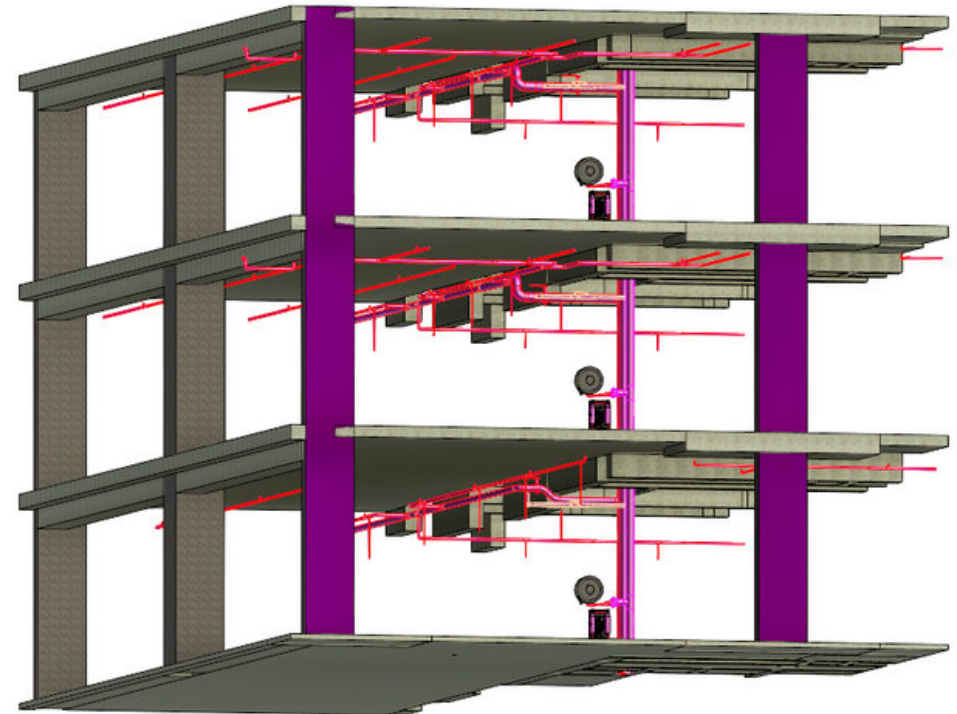
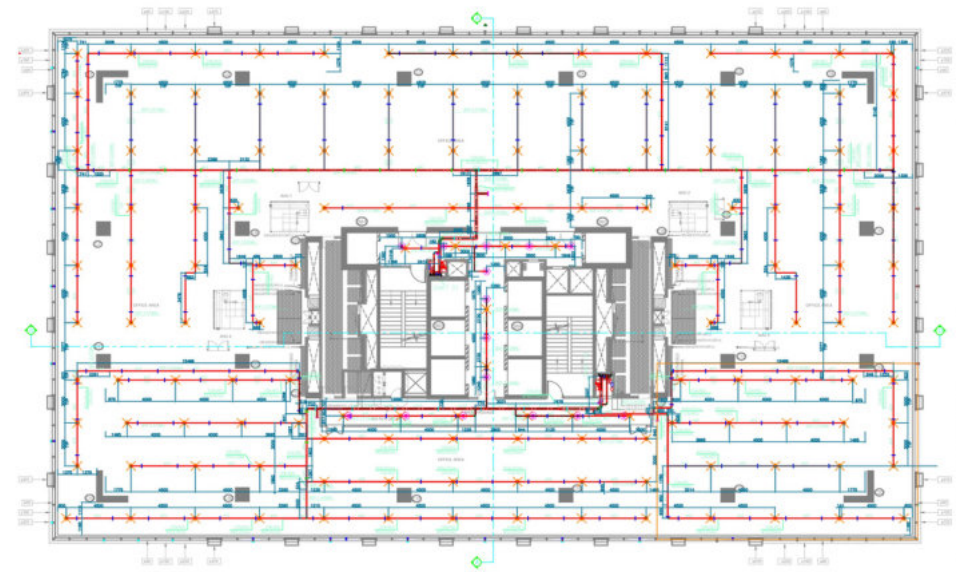
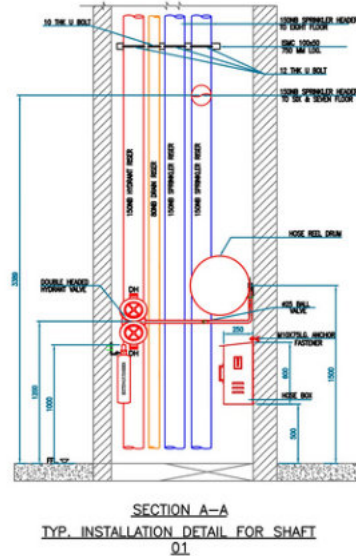
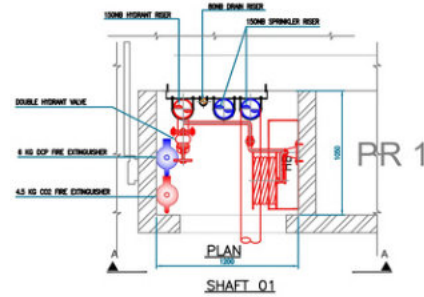
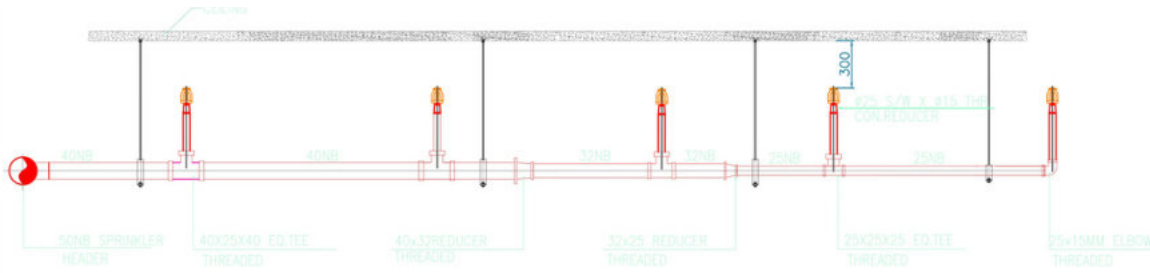
MEPF BIM Services: Plumbing Modeling & Drawings

- The system of piping for fresh water going into the building and waste going out, both solid and liquid
- Lines and symbols to represent pipe work as per the client standards



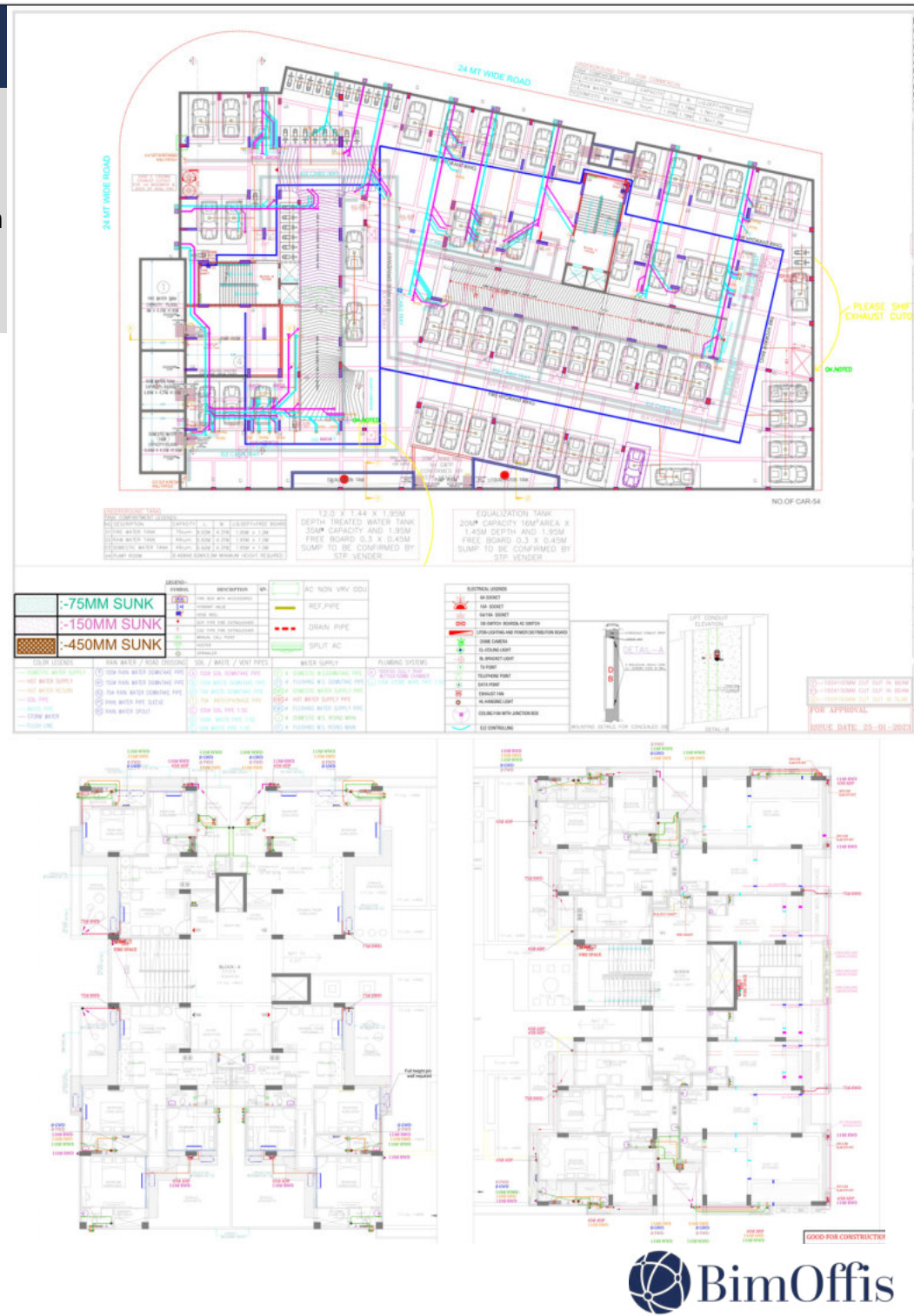
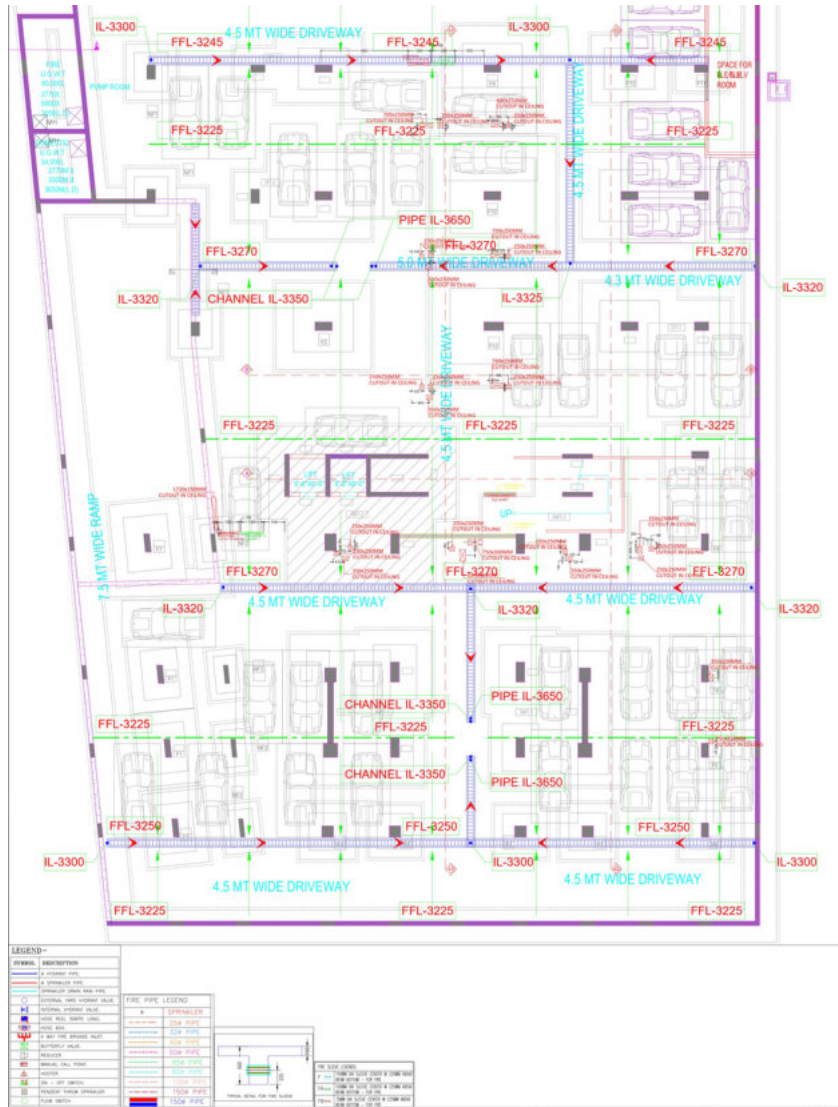
MEPF BIM Services: Fire safety Modeling & Drawings

- The goal is to detect a fire and protect the building, its occupants, and valuables
- This service allow people to be safely evacuated from the premises in the event of a fire



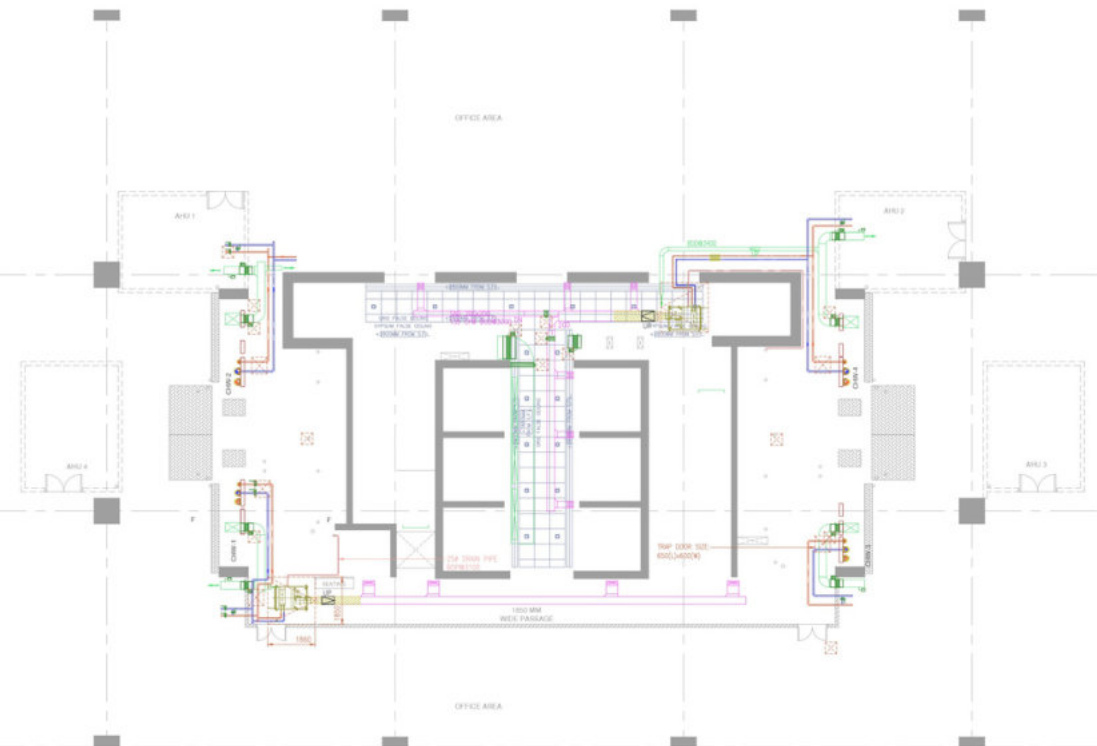
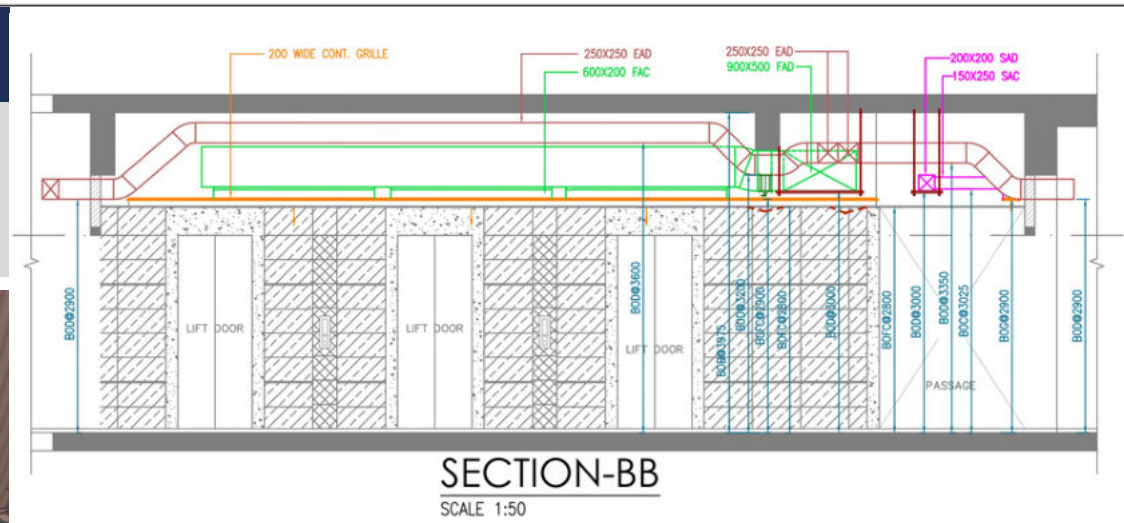
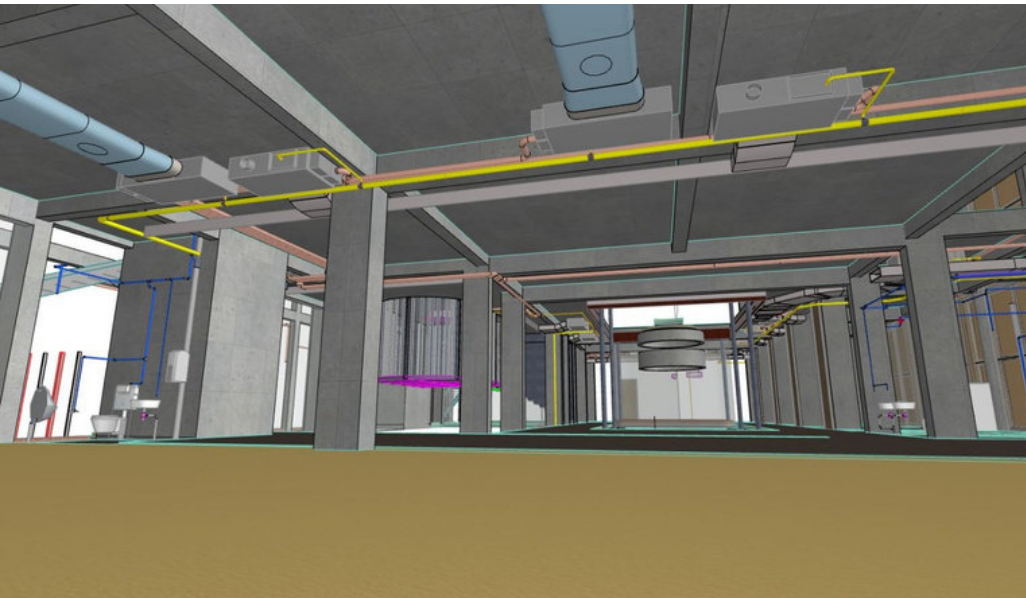
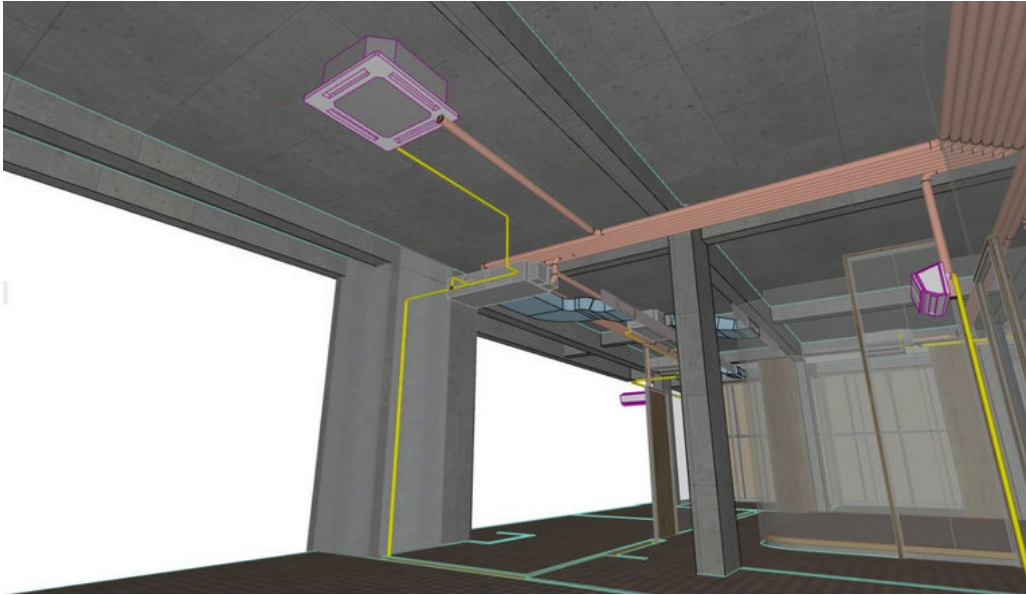
MEPF BIM Services: MEP Shop Drawings

- MEP drawings are accurate outline of the final assembly of products with the representation of their dimensions, cable or piping links, accessories, and weights are depicted and therefore the contractors can get an exact portrayal of how the construction design look like during the on-site construction



MEPF BIM Services: HVAC Duct Shop Drawings

- Ducting shop drawings provide the mechanical contractors and fabricators with detailed information on how the ducts and equipment are placed in the building



Architectural BIM Services: Architectural 3D Modeling

- AutoCAD To Sketch Up Model
- Sketch Up To BIM Model
- 2D Drawing To 3D Modeling
- HVAC Modeling with BIM
- 2D Drawings To BIM Conversion

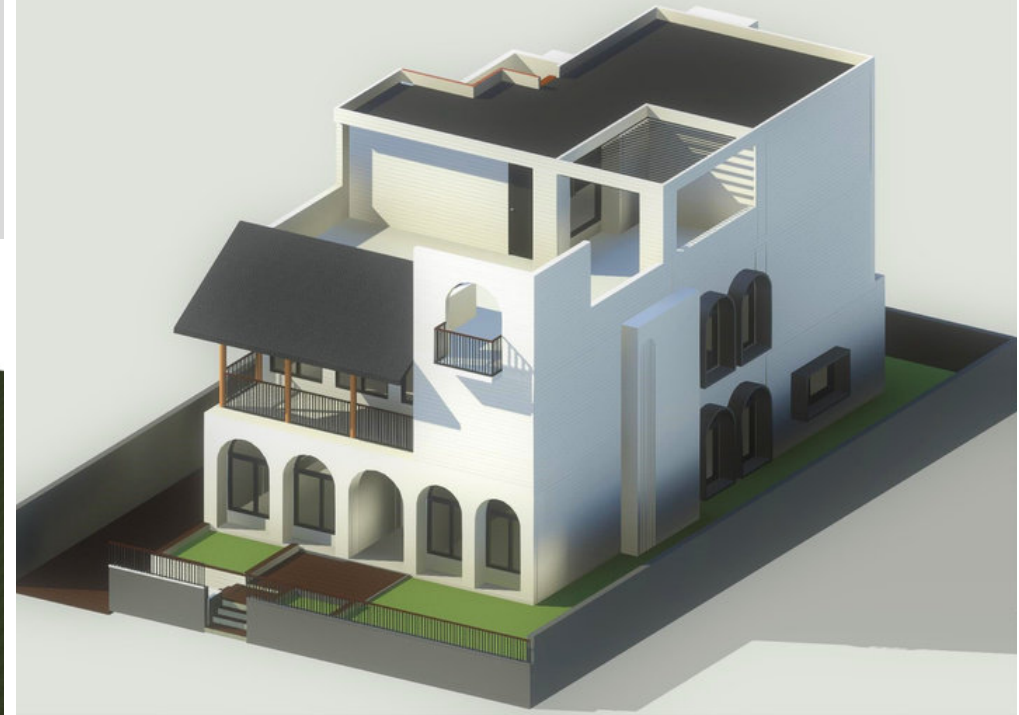
STORE VIEW-1



STORE VIEW-2



RESIDENTIAL VIEW-1



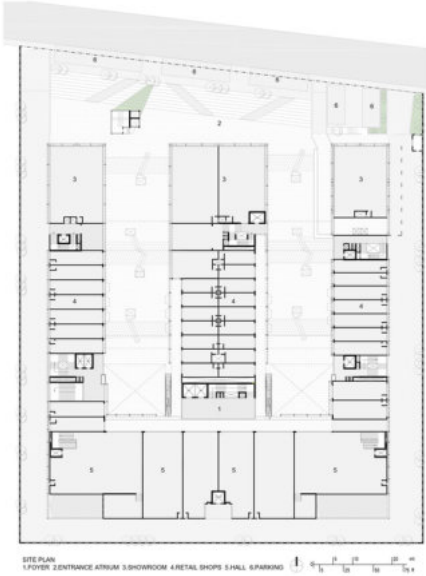
RESIDENTIAL VIEW-2



Architectural BIM Services: Construction Document set

- Design Development Drawings
- Schematic Design Drawings
- Construction Drawings: Architectural Construction, Structural Construction, MEP Constructions

DESIGN DEVELOPMENT

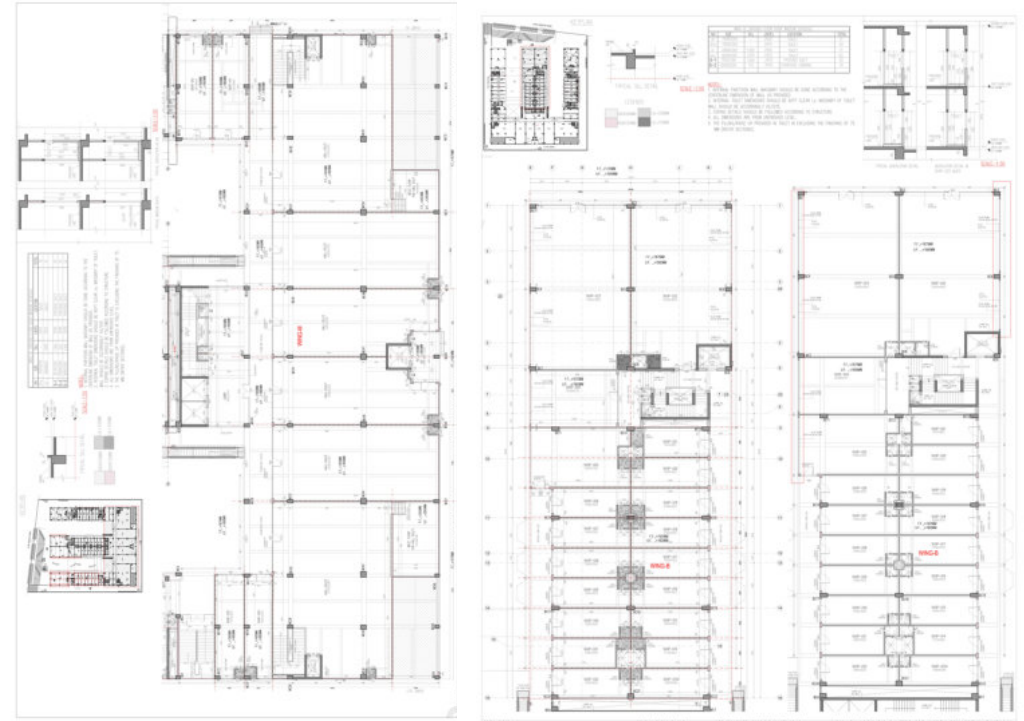


SCHEMATIC DRAWING



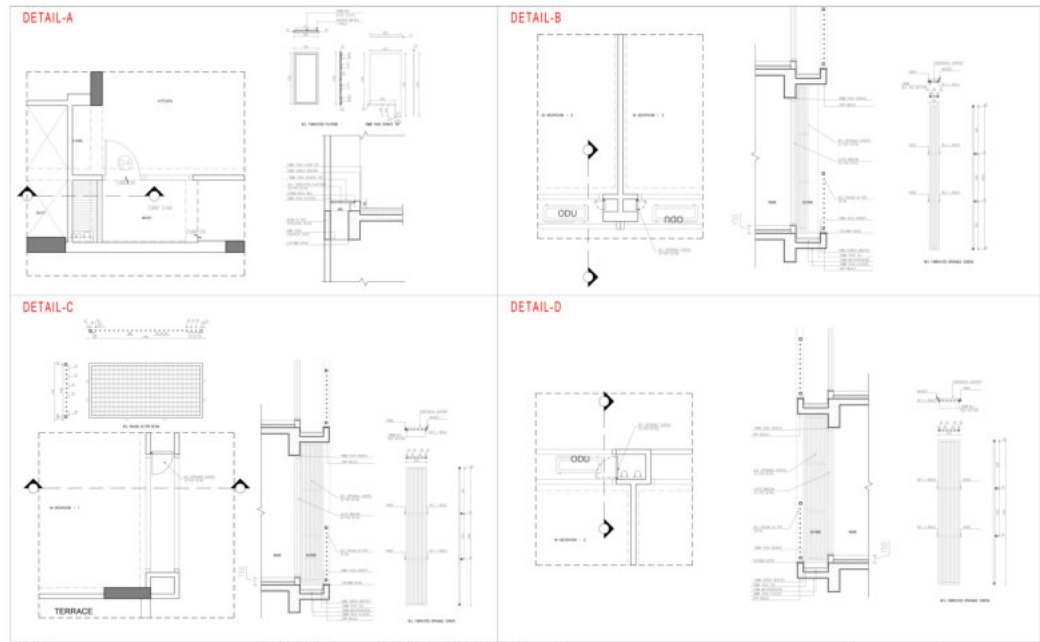
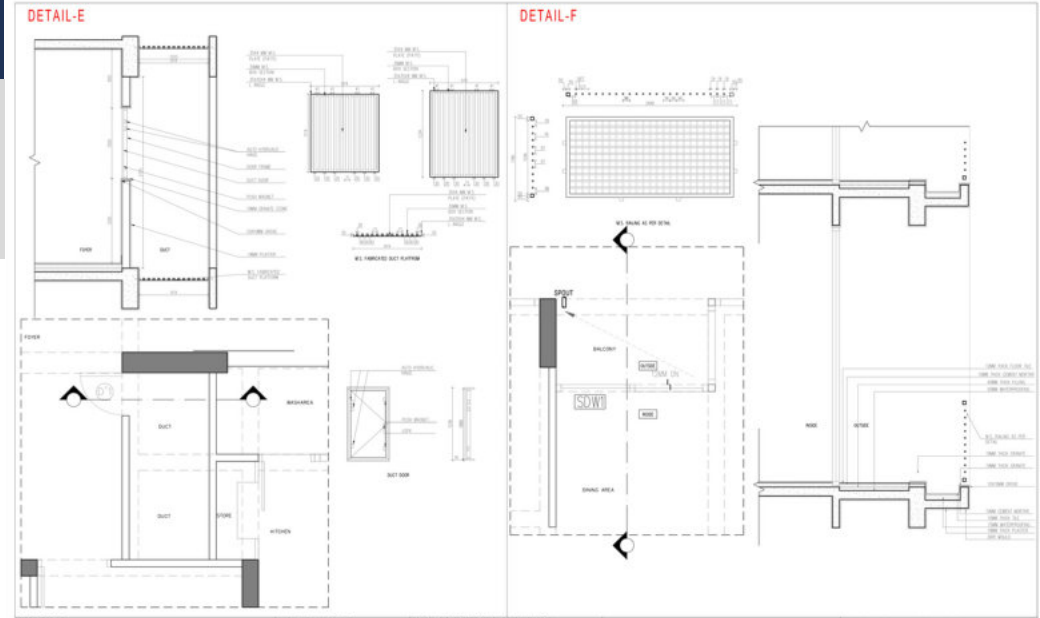
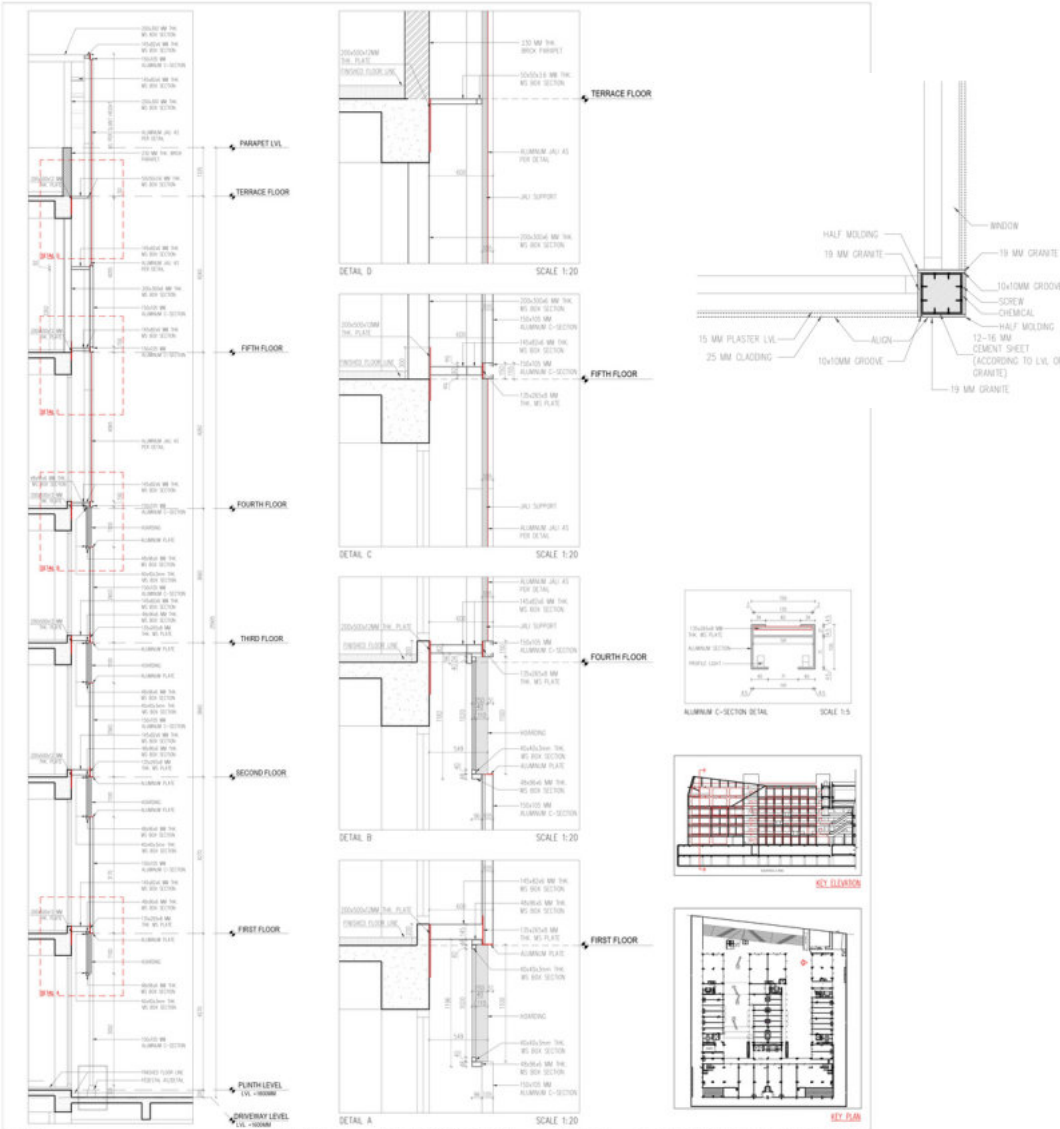
CONSTRUCTION DRAWINGS LIST

WORKING DRAWING LIST		
SR.NO.	DRAWING TITLE	DRAWING NO.
1	LINE OUT PLAN	WD_01
2	EXCAVATION PLAN	WD_02
3	FOUNDATION PLAN	WD_03
4	BASEMENT PLINTH BEAM PLAN/TIE BEAM	WD_04
5	BASEMENT FLOOR PLAN	WD_05
6	BASEMENT SLAB BEAM LAY OUT	WD_06
7	GROUND FLOOR PLAN	WD_07
8	GROUND FLOOR SLAB LAY OUT	WD_08
9	TYPICAL FLOOR PLAN	WD_09
10	TYPICAL SLAB BEAM LAY OUT	WD_10
11	TERRACE FLOOR PLAN	WD_11
12	OHT & LIFT PLAN	WD_12
13	ELEVATIONS- A,B,C,D	WD_13
14	SECTIONS-AA,BB,CC,DD	WD_14
15	WALL SECTION- DETAIL A,B	WD_15
16	ELECTRICAL PLAN-BASEMENT	WD_16
17	ELECTRICAL PLAN-GROUND	WD_17
18	ELECTRICAL PLAN-TYPICAL	WD_18
19	ELECTRICAL PLAN-TERRACE	WD_19
20	ELECTRICAL PLAN-OHT, LIFT ROOM	WD_20
21	TOILET / PLUMBING DETAIL	WD_21
22	STAIRCASE DETAIL	WD_22
23	FEBRICATION DETAILS (RAILINGS,HANDRAIL DETAIL,ETC)	WD_23
24	FLOORING PLAN-BASEMENT	WD_24
25	FLOORING PLAN-GROUND	WD_25
26	FLOORING PLAN-TYPICAL	WD_26
27	FLOORING PLAN-TERRACE&OHT,LIFT ROOM	WD_27
28	DOOR, WINDOW	WD_28
29	ROADS & PAVEMENT PLANS	WD_29
30	ROADS & PAVEMENT SECTIONS/DETAILS	WD_30
31	GARDENS/COP PLANS	WD_31
32	COP SECTIONS/DETAILS	WD_32
33	COMPOUND WALL-PLAN	WD_33
34	COMPOUND WALL SECTION/DETAILS	WD_34
35	GATE/SECTION,PLAN,ELEVATION,DETAILS	WD_35
36	SITE ELECTRICAL PLAN	WD_36
37	SITE PLUMBING PLAN	WD_37
38	U.G.W.T. LINE OUT PLAN	WD_38
39	U.G.W.T. PLAN/SECTION	WD_39
40	P.W. LINEOUT & DETAIL	WD_40
41	SUMP LINEOUT DETAIL	WD_41
42	TREE PLANTS-PLAN/DETAIL	WD_42
43	SIGNAGES	WD_43
44	RAMP DETAIL	WD_44
45	KITCHEN DETAIL (WALL TILING, PLATFORM DETAIL)	WD_45
46	SECURITY CABIN	WD_46
47	SITE OFFICE PLAN	WD_47
48	SITE OFFICE SECTION & ELEVATION	WD_48
49	SITE DEVELOPMENT(PLAN&SECTION)	WD_49
50	SHUTTER & HORDING DETAIL	WD_50
51	CLUB HOUSE DETAIL	WD_51



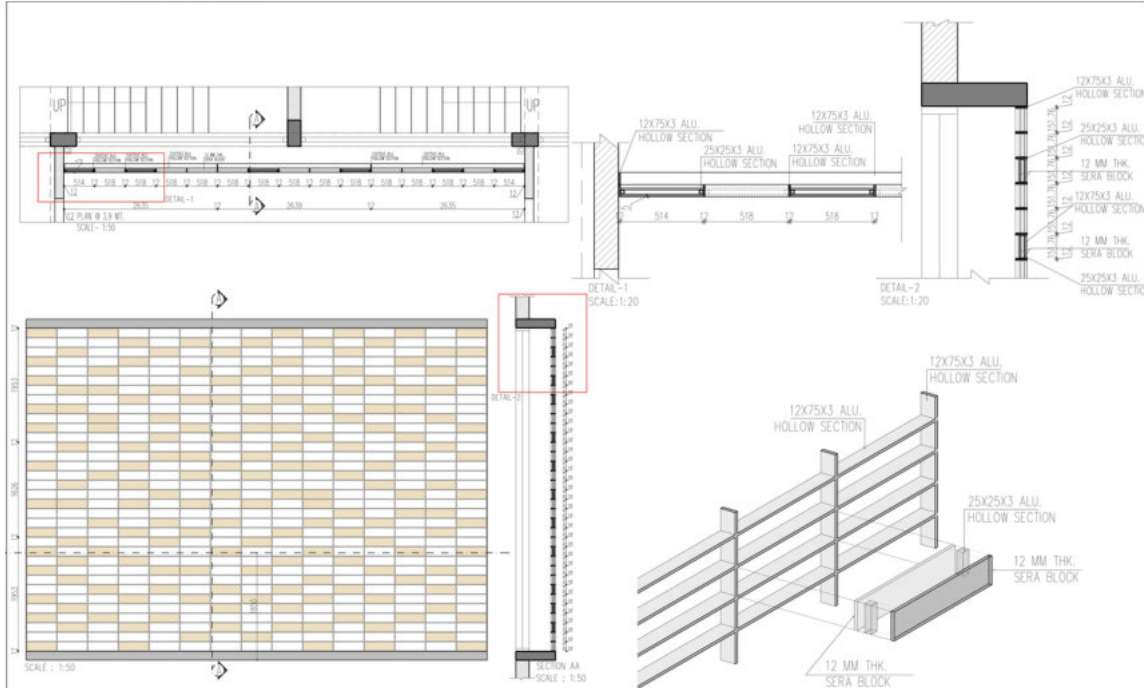
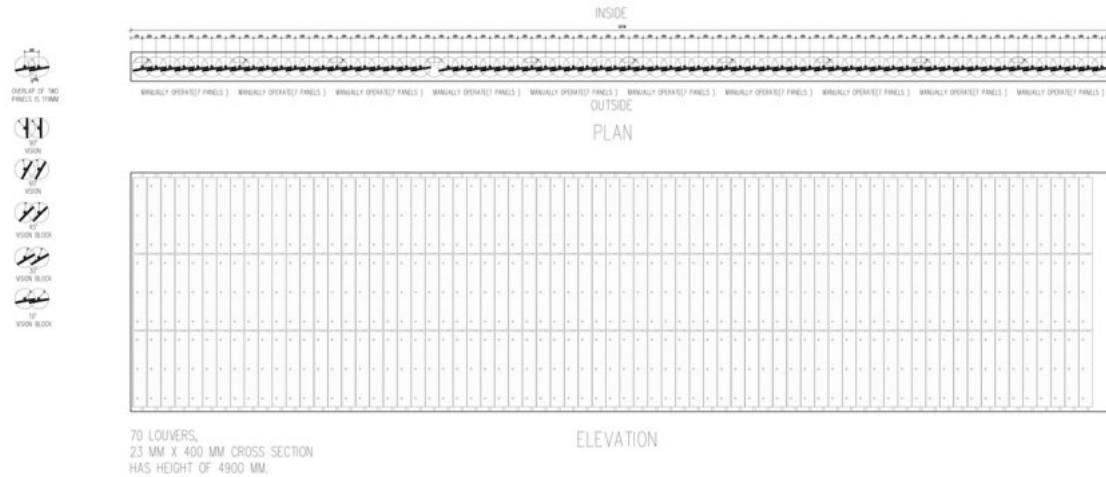
Architectural BIM Services: CAD as built Drawings

- The detailed elaboration of CAD as-built drawings carries the mark-up of the exact locations of the structure like name, function, shape, size, material, orientation, elevation, etc.

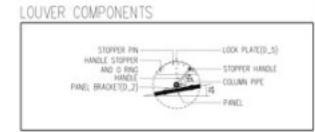
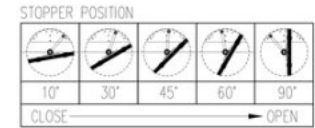
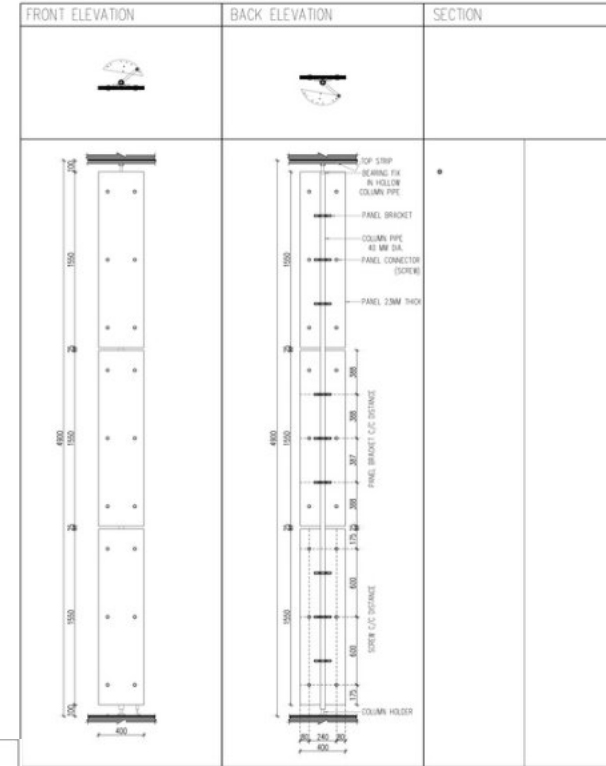


Architectural BIM Services: Shop Drawings

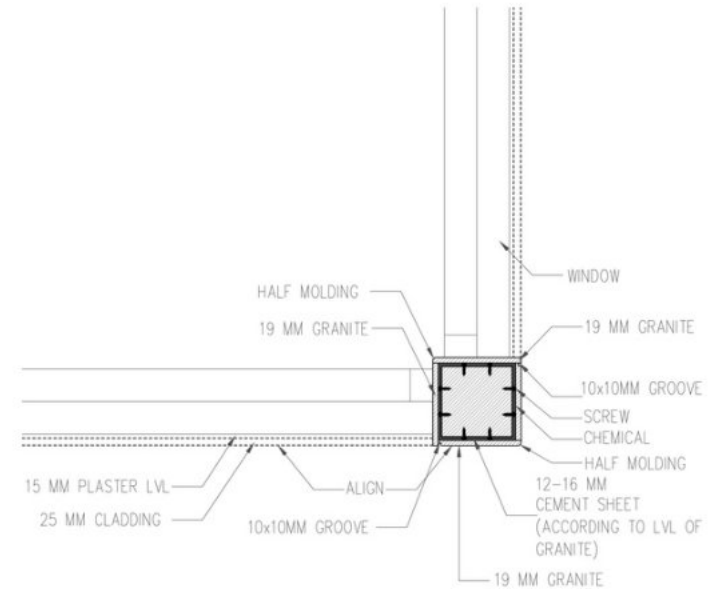
- The shop drawing is the manufacturer's or the contractor's drawn version of information shown in the construction documents
- The shop drawing normally shows more detail than the construction documents



DETAIL_1 LOUVER PANEL



- DETAIL_2 PANEL BRACKET
- DETAIL_3 COLUMN PIPE
- DETAIL_4 STOPPER HANDLE
- DETAIL_5 LOCK PLATE



Architectural BIM Services: 3D Visualization & Walkthrough

- 3D Rendering Service
- 3D Walkthrough
- 3D Floor Plan
- Furniture, Product Modeling & Rendering
- AR & VR Service



INSTITUTE VIEW



COMMERCIAL VIEW

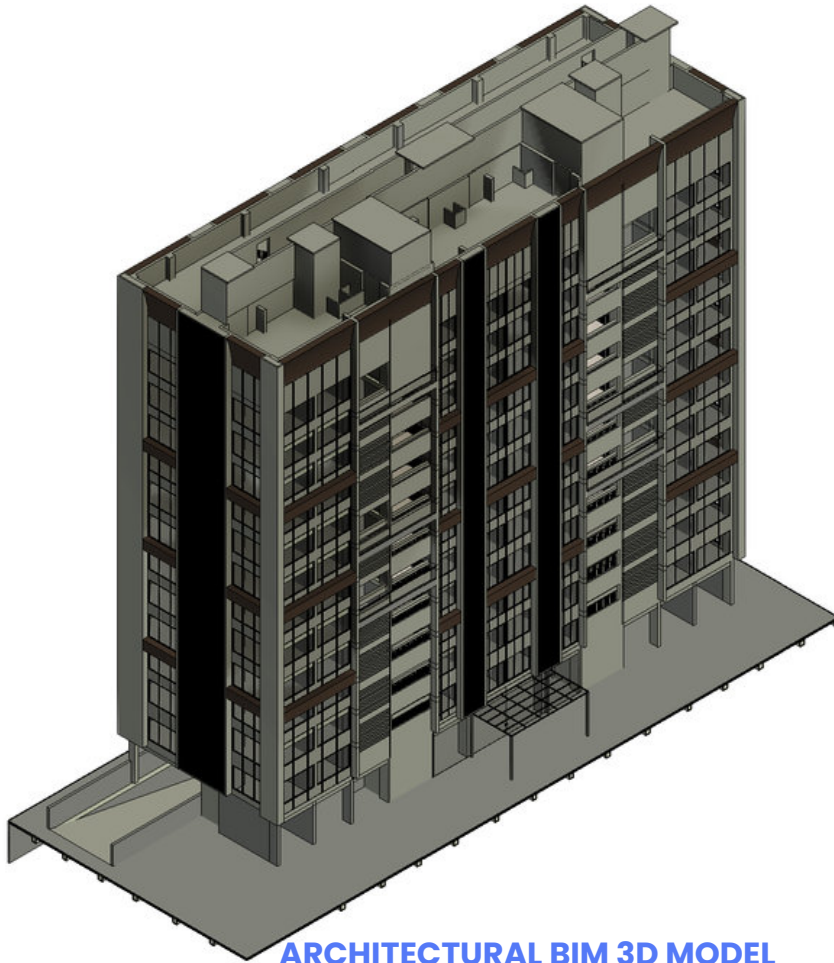


HOUSING APARTMENT VIEW-1

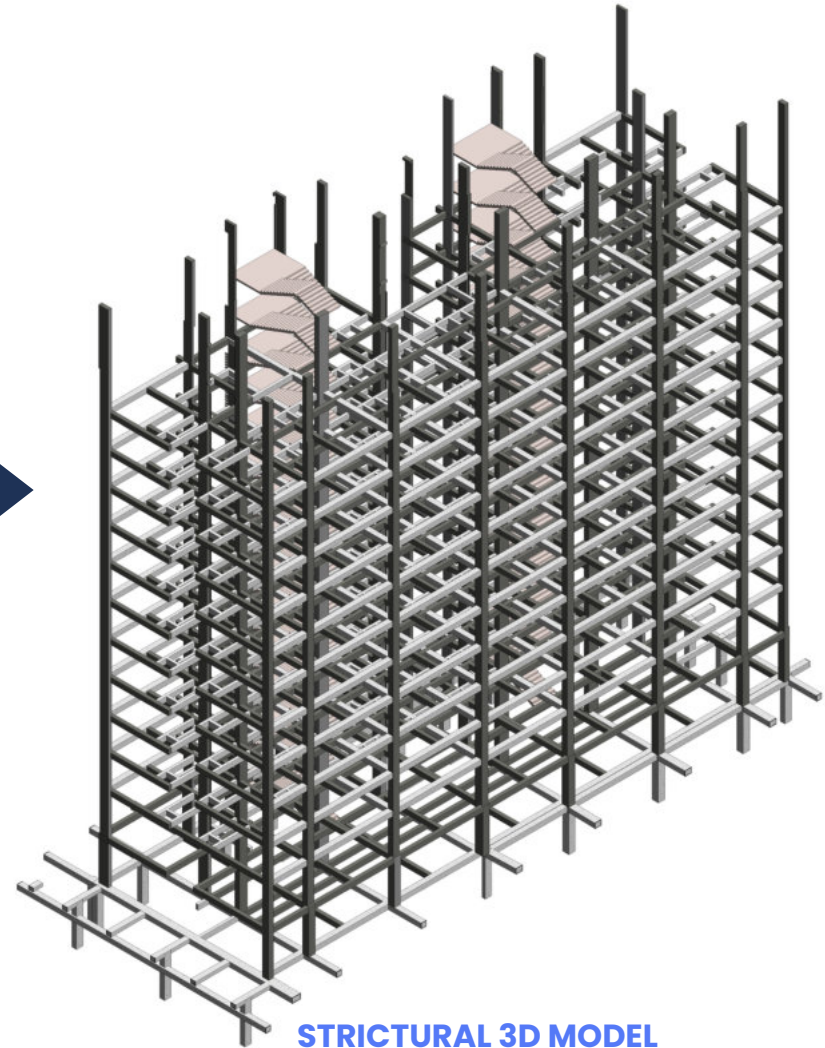


Structural BIM Services: Structural 3D Modeling

- 3D modeling services for structures such as steel wooden frames, panels, and concrete structures with explicit work
- Structural 3D Models
- Quantity Estimates
- Connection Design
- Cost Analysis



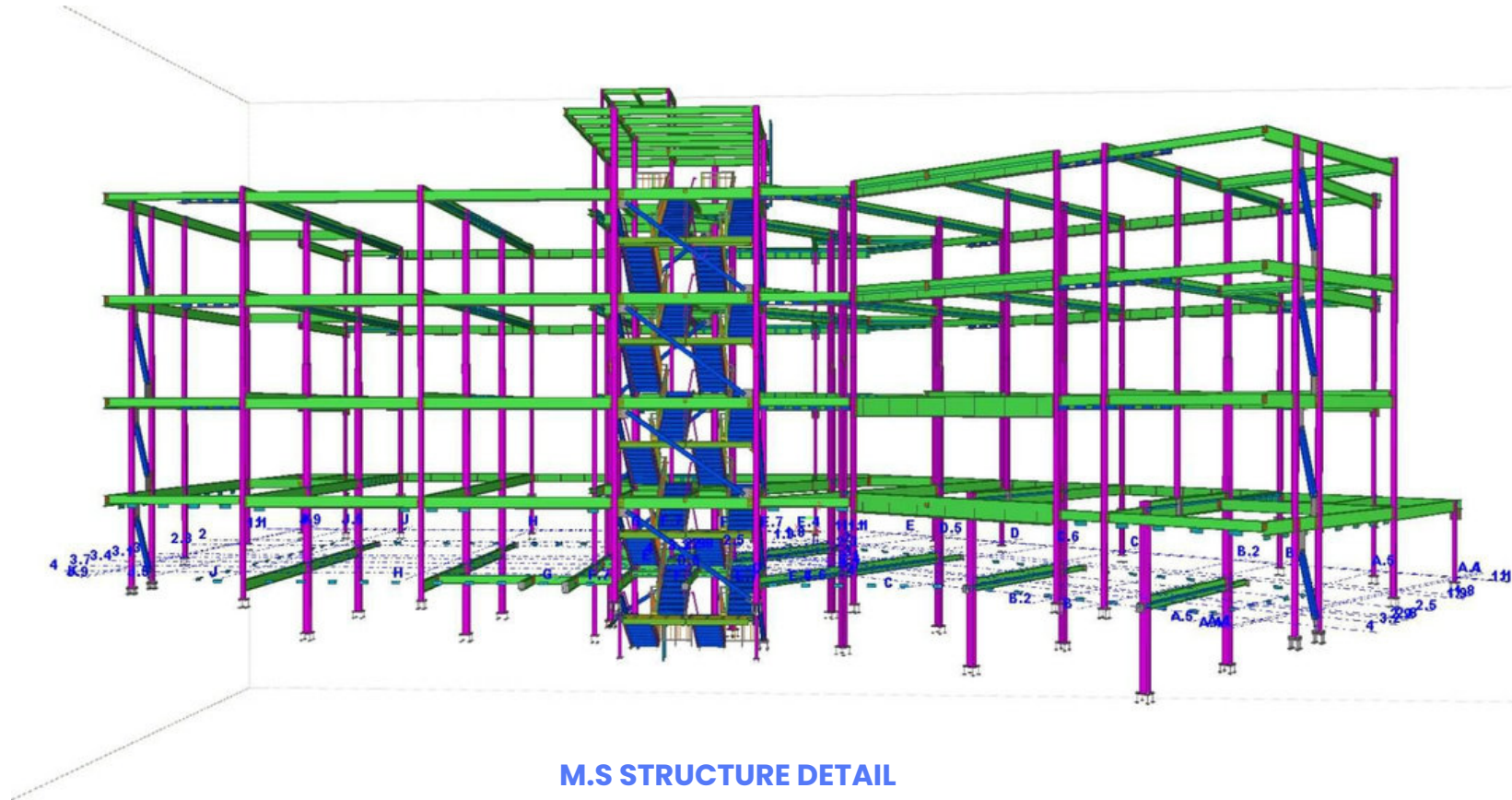
ARCHITECTURAL BIM 3D MODEL



STRUCTURAL 3D MODEL

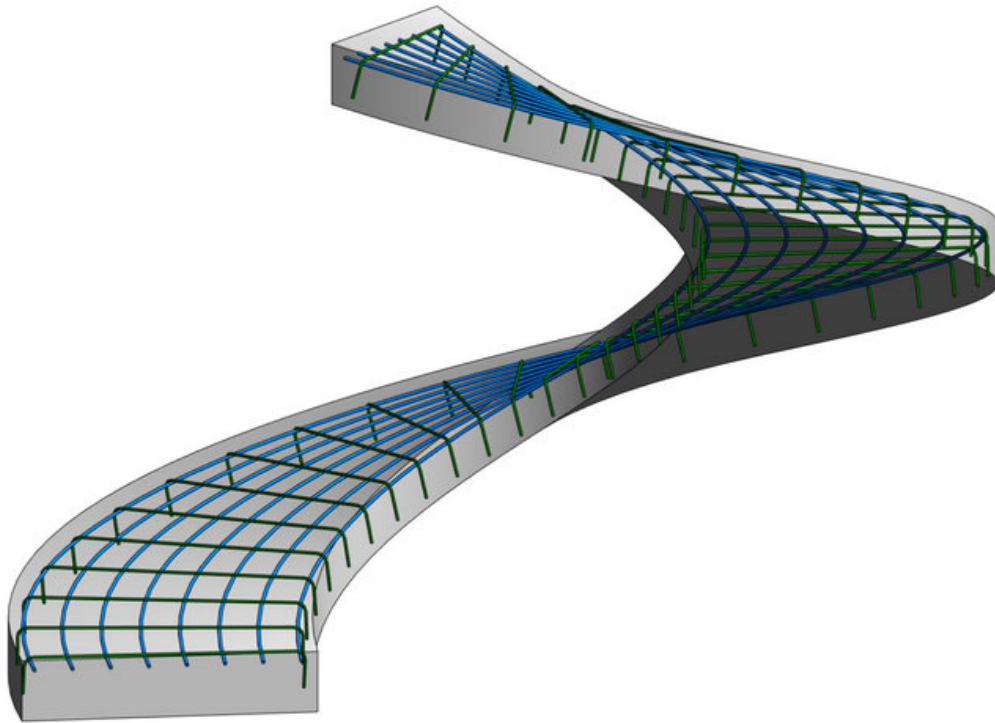
Structural BIM Services: Fabrication Steel Detailing

- Steel Frame Connections
- Miscellaneous Steel Detailing
- Column Beam Joint Detailing
- Footing Design for Steel Columns
- Structural Steelwork Detailing
- Steel Beam to Wall Connection
- 3D Steel Detailing

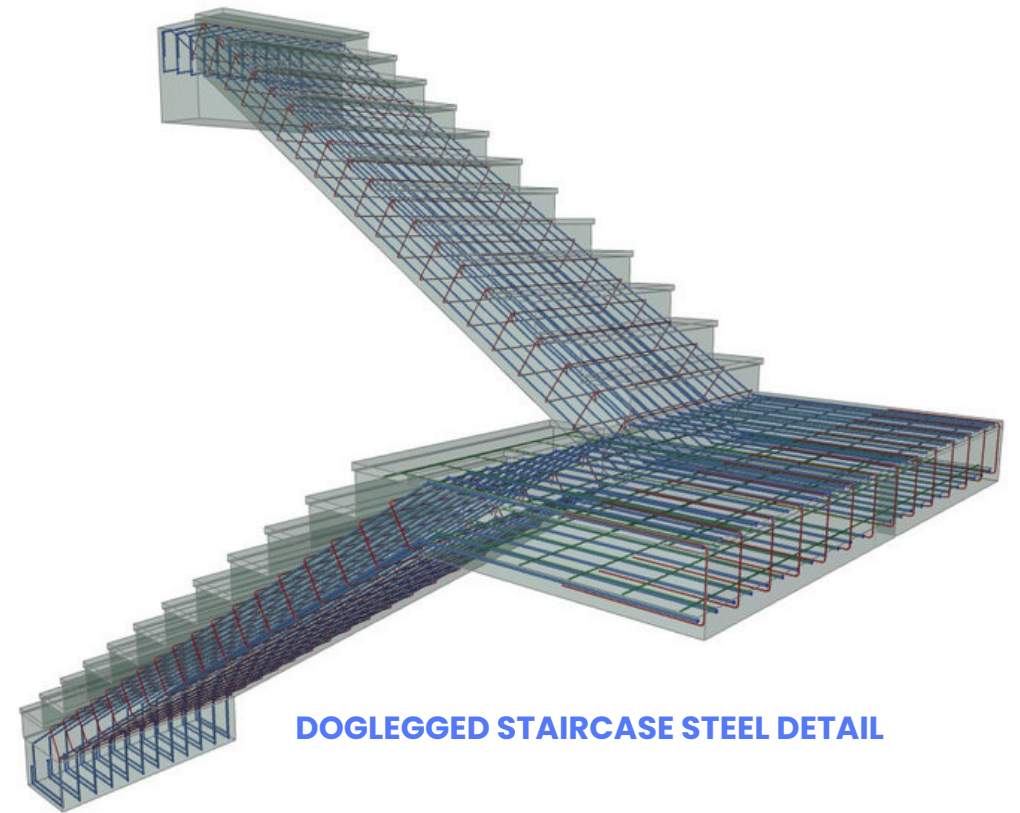


Structural BIM Services: Rebar Modeling

- Staircase Rebar Detailing
- Retaining Wall Rebar Detailing
- Beam and Column Rebar Detailing
- Footing Detailing
- Rebar 2D & 3D Modeling
- Foundation Detailing

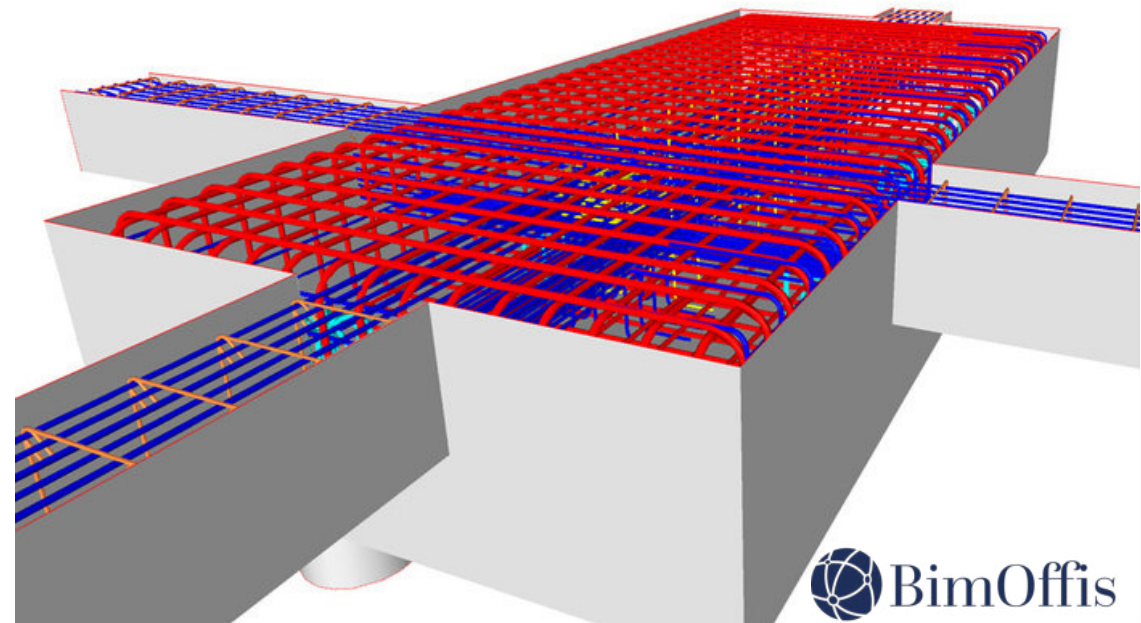


R.C.C SPIRAL STAIRCASE STEEL DETAIL



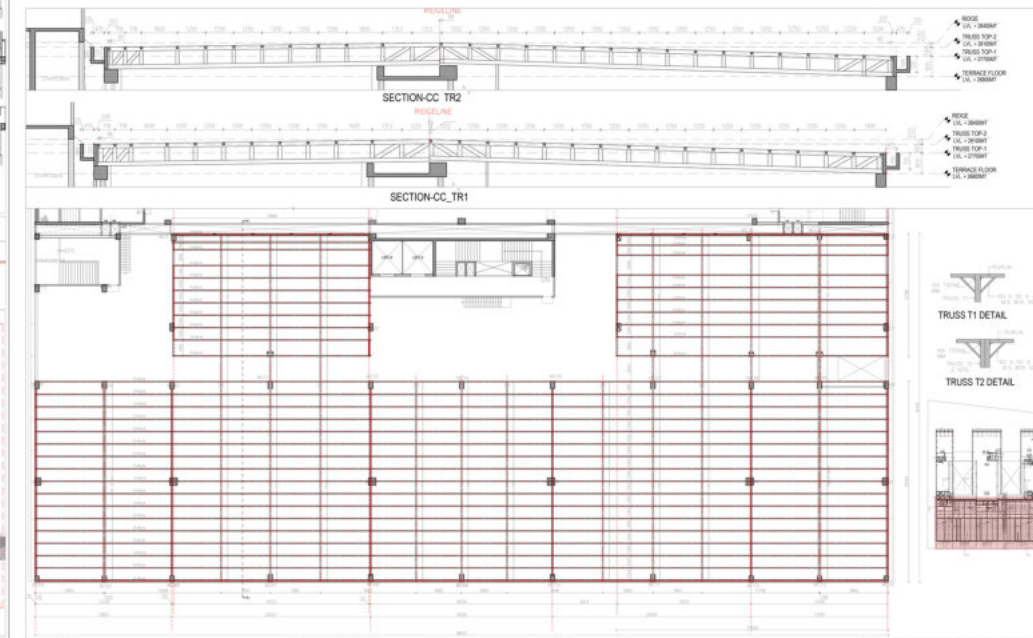
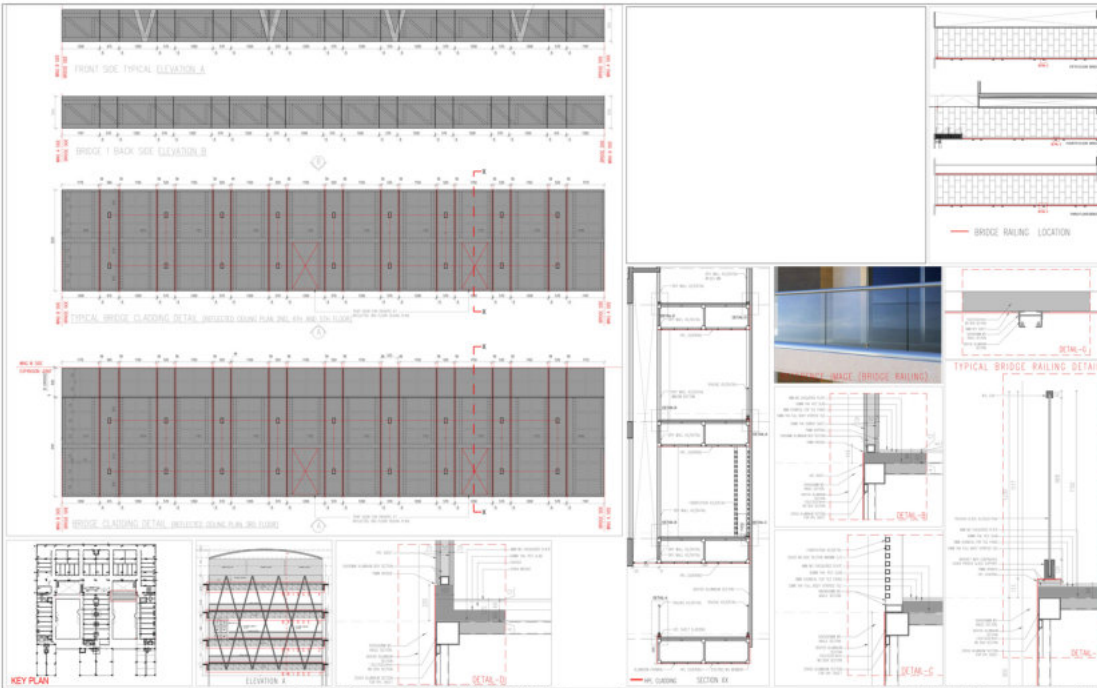
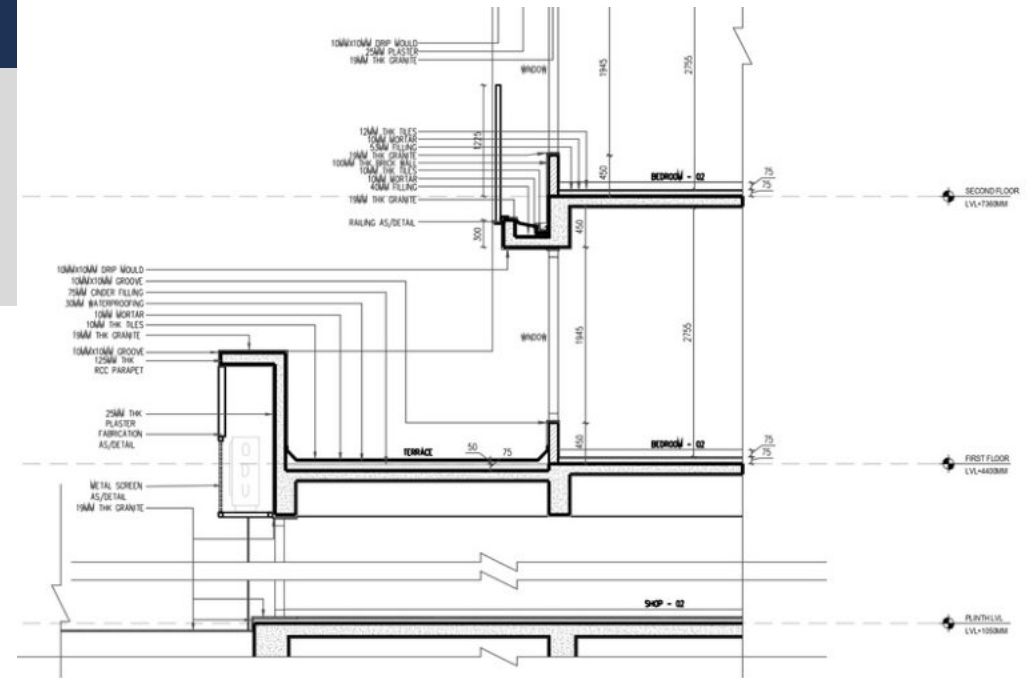
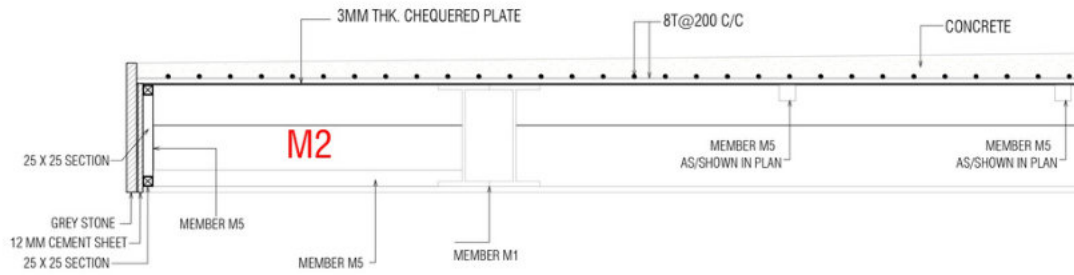
DOGLEGGED STAIRCASE STEEL DETAIL

SLAB & BEAM STEEL DETAIL



Structural BIM Services: Fabrication Shop Drawings

- Steel Shop Drawings
- Steel Detailing Fabrication Drawings
- Elevations Layouts Shop Drawings
- Steel Staircase Fabrication Drawings



We are Working :



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Netherland



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