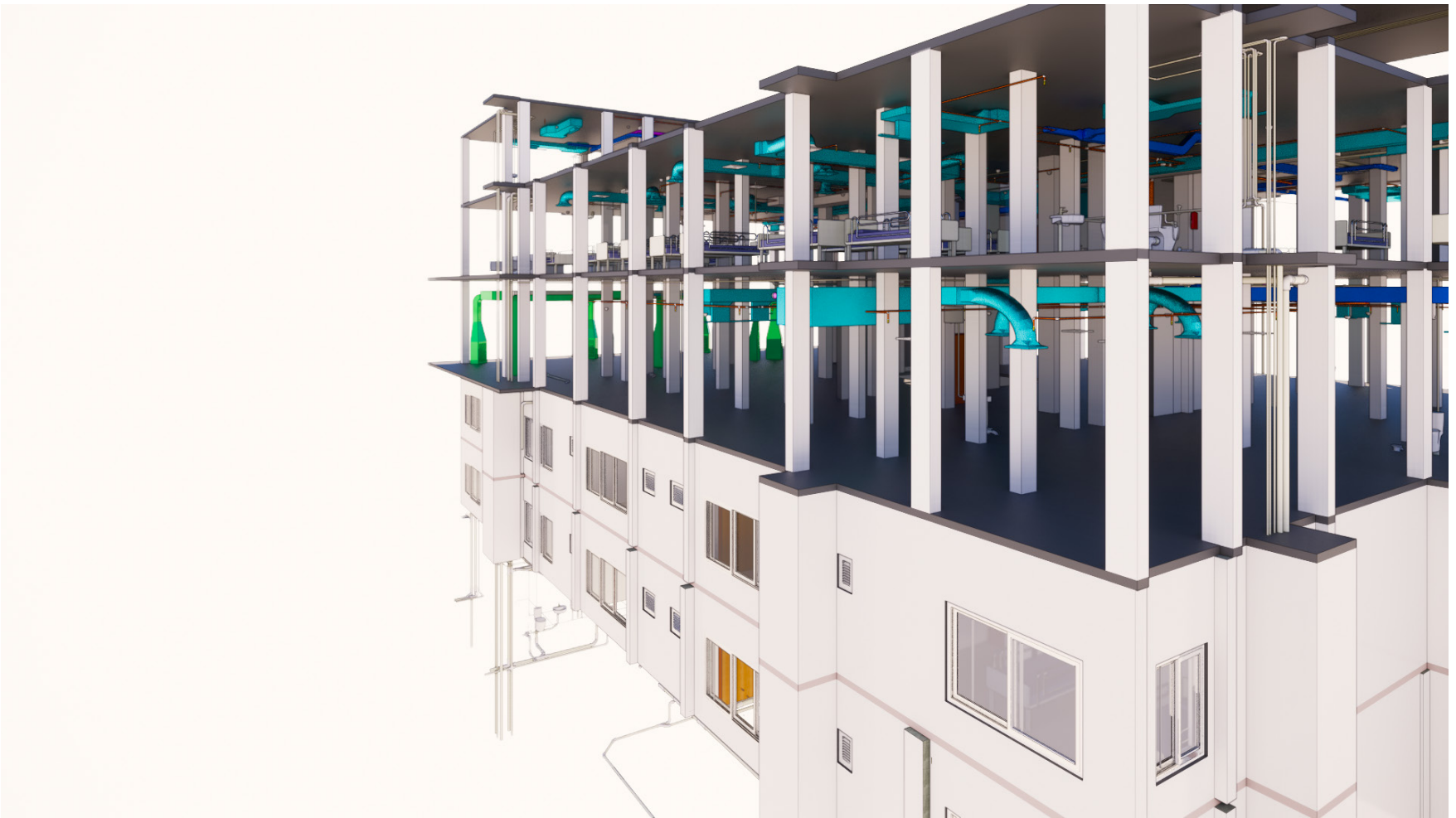




BIMLABS STUDIO PVT LTD

WHO ARE WE



Bimlabs Studio Pvt. Ltd. provides BIM Consulting/Modeling services which undertake detailed strategic BIM implementations aimed at property owners and facility operators to reveal the opportunity of BIM and to make a business case for improved lifecycle management and operations. The success of our projects is built on providing a great service and applying our knowledge of the latest research and innovation. We seek to add value by going beyond the brief and really understanding the nature of our client's business. Through the establishment of a structured project framework Bimlabs Studio will provide an outcome of the highest quality for any organization seeking to implement a digital evolution in their business.

To provide Integrated Building Information Modeling services to AEC industry & driving profitability using BIM Technology. To increase the efficiency of the customers work process by providing expert consultancy and training services for effective adoption & smooth transition to BIM. To offer a differentiated CAD product portfolio and services tailor-made to the AEC industry in the region. To deliver specialized services and construction documentation support services using BIM tools.

OUR MISSION

Bimlabs Studio aims to be a BIM leader in the region and a primary provider of total CAD/BIM solutions offering Integrated Building Information Modeling services and lead the AEC industry by influencing and enabling transition from legacy CAD to BIM.

OUR VISION

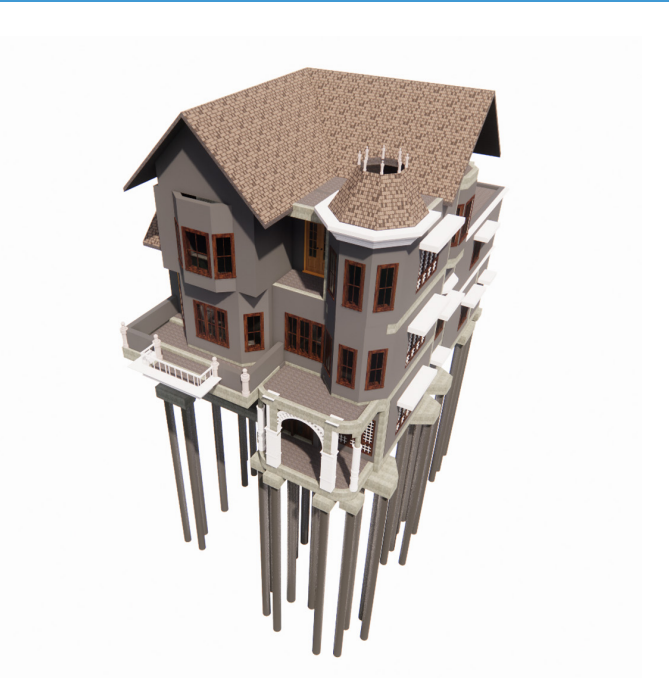
OUR SERVICES



With the shift in the construction industry from Autocad to BIM, there has been an increasing demand from all around the globe for BIM services, which mostly consist of BIM drafting, BIM modeling, clash detection, BIM coordination and other pre-construction designing services. Bimlabs Studio offers customized BIM drafting services that suit the particular needs and demand of the clients. Construction managers, MEP engineers, structural engineers, architects, contractors, subcontractors, owners, facility managers and project managers approach us for efficient BIM drafting services. We provide cost effective BIM services that help make our clients costs more competitive.

Architectural BIM services offered by Bimlabs Studio delivers accurate and up-to-date information about the design scope, costs and all other properties of the building components. An Architectural BIM model creates a shared resource that helps in making the building process client friendly. We at Bimlabs Studio provides customized Architectural BIM models so that during projects bidding phase, renderings, walkthroughs, sequencing of the model may be presented with better clarity.

ARCHITECTURAL BIM SERVICES



3D MODELLING

Bringing our extensive expertise in Autodesk Revit, Sketch up, 3ds Max we offer highly intelligent BIM architectural Models, Presentation Models, As-built Models, Isometrics, 3D plans, Displaced View Models, LOD (100 – 500) etc. for better representation of the projects.



Acceptance and expansion of VR (Virtual Reality) has been growing exponentially. Bimlabs Studio develops VR walkthrough outputs of projects for better visualization of projects which will result in increased positive client interactions, faster project approvals, and higher client satisfaction.

VIRTUAL REALITY- VR WALKTHROUGH

VISUALIZATION/ RENDERINGS

Visualization of a BIM Project enables not only to see the building in three dimensions before ground is ever broken, but also to automatically update these views along the project life cycle from earliest conception to demolition. We provide Photorealistic-3D rendering services for Home builders, architects, real estate agents, Interior designers, product manufacturers etc. Combination of technical skill, aesthetic capabilities and attention to details creates the best architectural renderings and our team of professional uses strategic Digital Innovations to create realistic renderings of 3D assets.



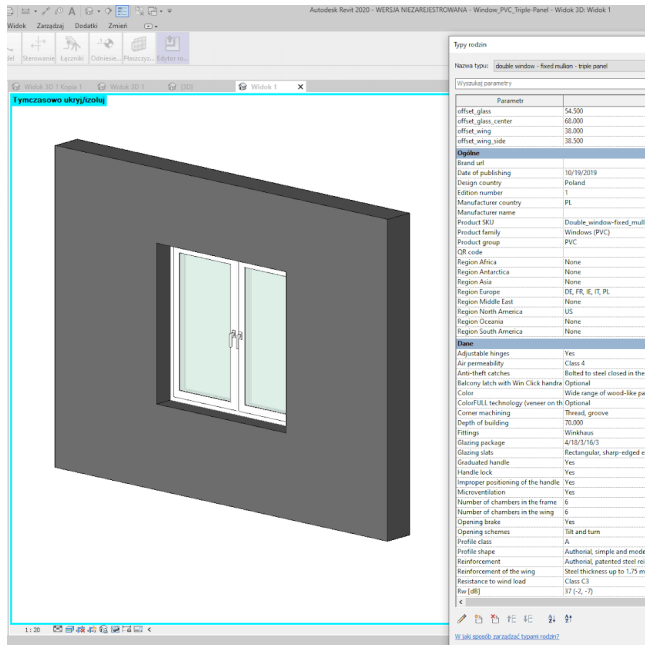
Bimlabs Studio offers customized BIM Modeling services that suit the particular needs and demands of clients. Construction managers, MEP engineers, structural engineers, architects, contractors, subcontractors, owners, facility managers and project managers approach us for efficient BIM drafting services. We expertise in converting drafts, sketches, PDF's and 2D drawings for your building and infrastructure projects to intelligent and informative BIM ready 3D models, to improve productivity and profitability.

CAD TO BIM



BIM COORDINATION

Bimlabs Studio offers high precision BIM coordination services to our clients. Our goal is to facilitate collaborative project execution approach and help our clients save cost and time both in the overall construction process. We combine architectural, structural and MEP models to finally deliver a complete clash free 3D BIM model. We have a team of BIM engineers and Co-ordination specialists who ensure that all the trades are efficiently coordinated and checked for application of proper design codes, building standards etc.



Bimlabs Studio offers Revit Family Creation Services. We excel in providing BIM Content Creation Services that can be utilized while working on Revit 3D models or in stand-alone libraries that can be downloaded for any BIM project. Our BIM specialists work on the AutoCAD 2D drawings and hand drawn sketches to create 3D parametric families to be used or customized. We help develop Revit elements for architectural, structural, and mechanical systems or components.

BIM FAMILY CREATION

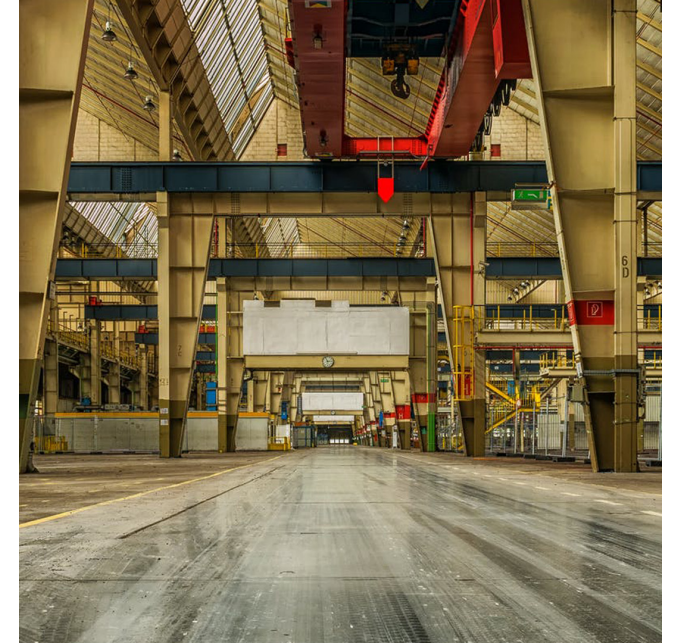
STRUCTURAL BIM SERVICES

Bimlabs Studio provides comprehensive Structural BIM, drafting and detailing services with respect to Engineers requirements and Specifications. We have been working on residential, commercial and other complex structural models and attention to detail in each component helps in visualizing the onsite work more efficiently and can be delivered with in time.



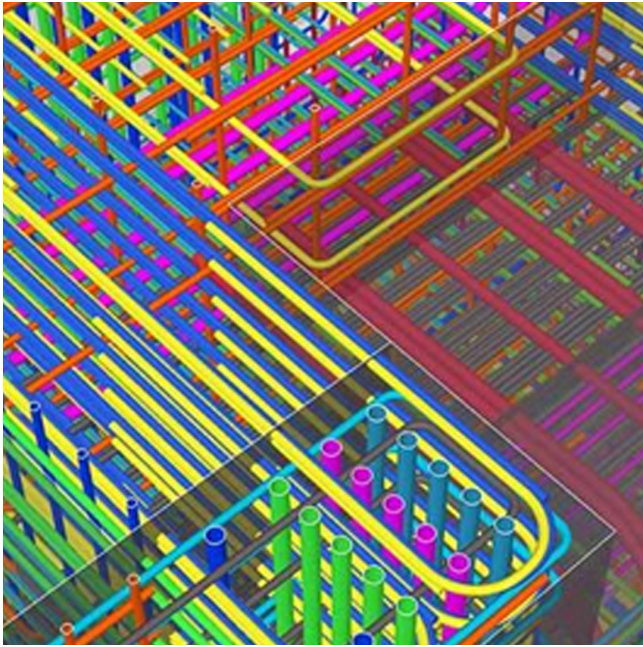
BIM Specialists, Structural CAD Drafters and Engineers together develop information rich intelligent BIM ready 3D models to extract design and construction management information. Our hands-on expertise in detailed structural design in Etabs, Staad Pro, SAP etc and structural 3D modelling in Revit and Advanced Steel allows us to deliver flawless structural designs and 3D BIM models.

RCC/STEEL STRUCTURE 3D MODELING



STEEL DETAILING

Steel detailing involves the creation of detailed drawings for fabricators and contractors, and includes plans and estimates as well as other reports. Process involves two main drawings- Shop drawings or Detail drawings specifying every miniscule detail of an individual steel piece or components (Columns, Beams, Joists, and Braces etc.) that needs to be made by a steel fabricator. Erection drawings portraying dimensioned plans and specify the location of each steel component.

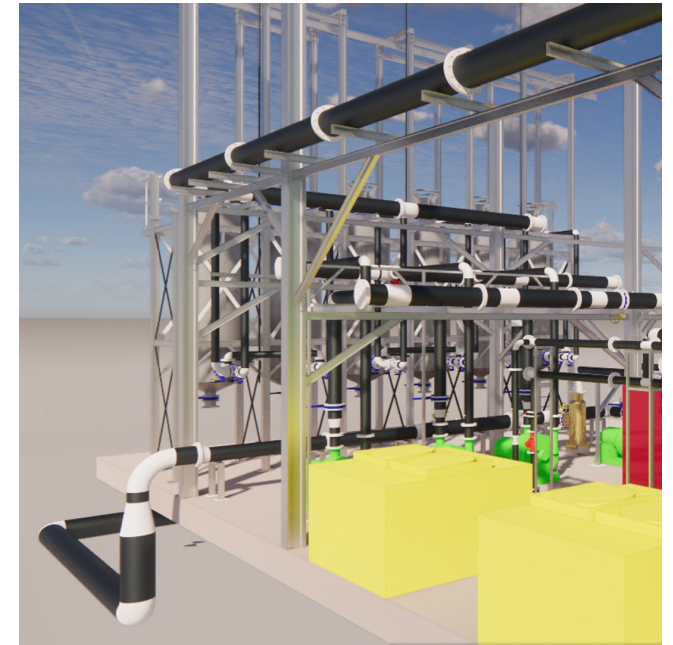


Preparation of Shop/Placing drawings which apply as “Design drawings” for iron workers to call out the quantity, description, placement, Bending shapes with dimensions and laps of the reinforcing steel. Expertise in preparing BBS (Bar Bending Schedule) correlate design and fabricator specific Bar shape standards.

REBAR DETAILING

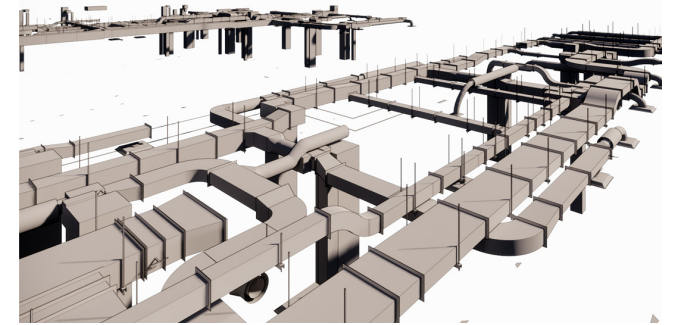
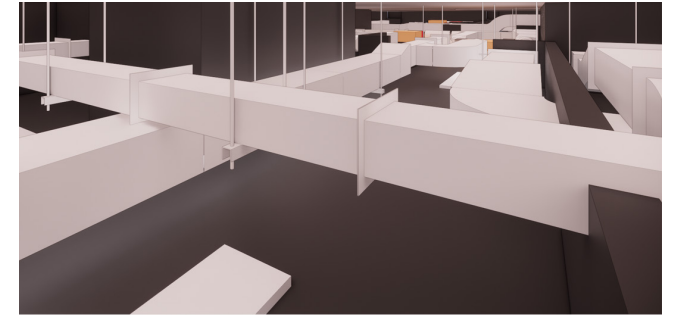
MEP BIM SERVICES

Bimlabs Studio develops precise and comprehensive MEP Services BIM models as per international codes and standards. MEP contractors, MEP consultants and Design Build firms leverage BIM to design, detail, estimate, fabricate and install building systems more quickly and accurately. Well detailed and coordinated MEP BIM models allows to check all possible interference or clashes among all building systems and the same can be leveraged for producing traditional construction documents, shop drawings and BOQ.



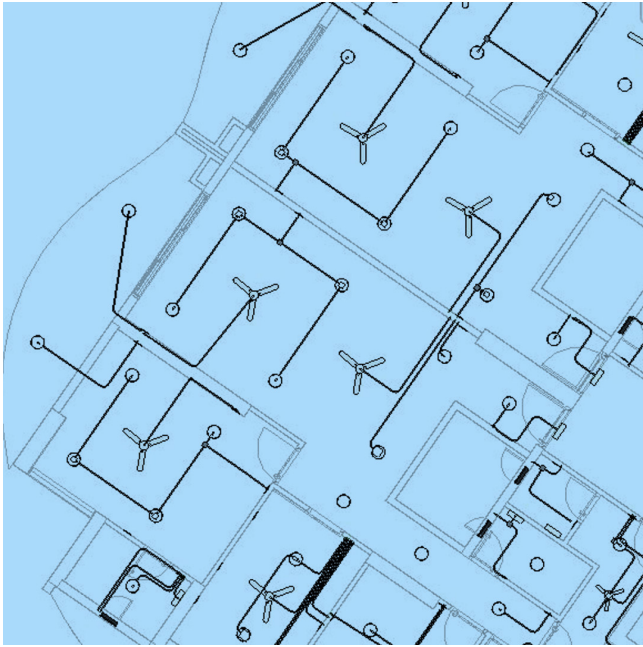
Bimlabs Studio Provides HVAC BIM services based on the input CAD, PDF or other design IFC files as per specifications, LOD (100-500) and standards required. Models produced ensure certainty of geometry, workflows and scheduling. Custom connection parts or fittings are modelled as per industry standards.

HVAC BIM SERVICES



PLUMBING & DRAINAGE MODELING SERVICES

Bimlabs Studio provides Plumbing and Drainage drafting services along with BIM models which incorporates all plumbing and sanitary fixtures, pipe conduits, equipment schedules etc. Coordinated plumbing/water supply BIM models can be used for checking interference with other MEP services in the same facility.

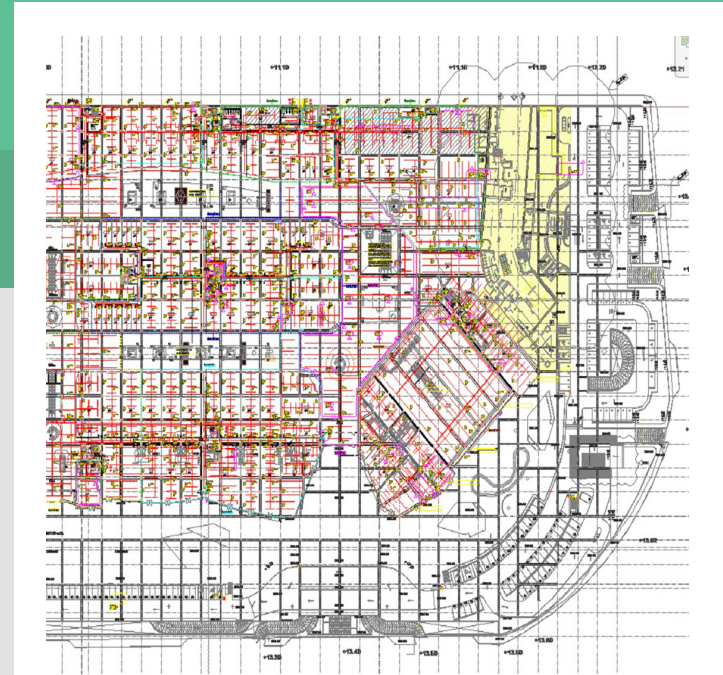


Bimlabs Studio offers Pre-fabrication BIM Models incorporating electrical equipment, lighting fixtures, conduits, cable trays, data transmission and communication devices, network routing, FAS systems etc. Lighting and power layouts, panel board schedules, single line/ schematic diagrams, material schedules can be developed from the same.

ELECTRICAL, LIGHTING & POWER LAYOUTS

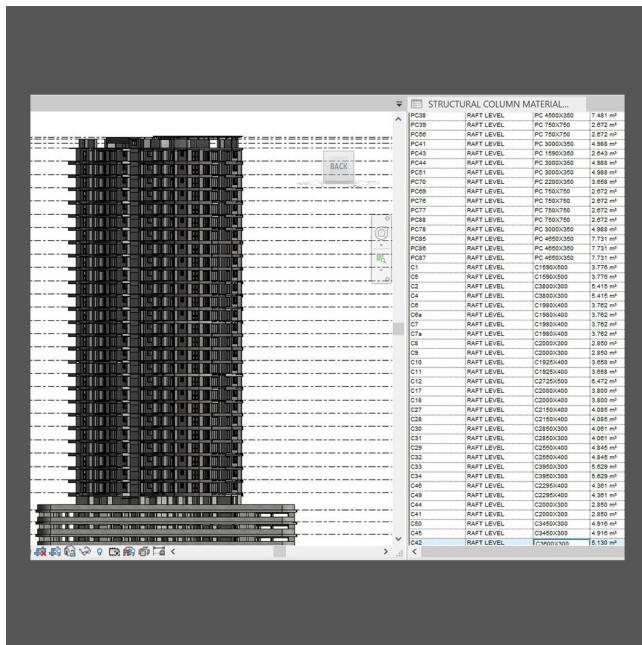
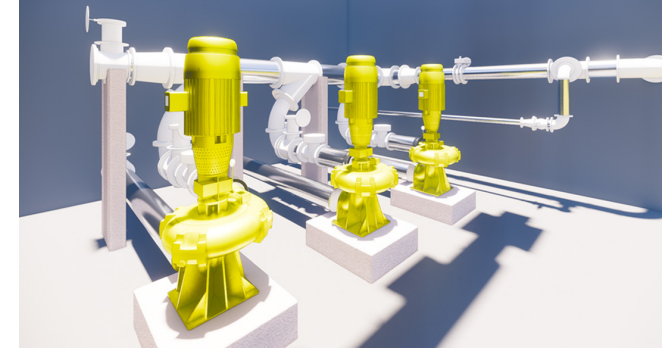
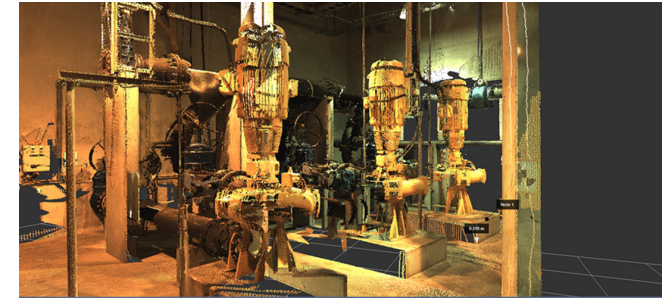
FIRE PROTECTION SYSTEM MODELING

Our team of expertise develops comprehensive fire protection system BIM models containing all the information regarding Fire Sprinkler piping layout and our services also include developing shop drawings, fire alarm system drafting and 3D Revit models to quantify the equipment, piping conduits, etc.



Bimlabs Studio offers Accurate and As-Built Building information Models from Point cloud Data that will contain all the available information about the facility and from which conventional deliverables like 2D plans, sections, elevations etc. can be extracted.

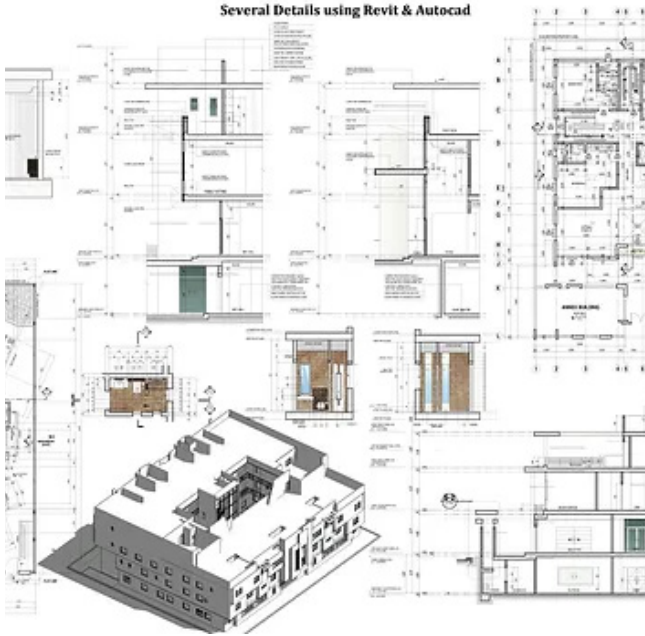
POINT CLOUD TO BIM SERVICES



5D BIM-COST ESTIMATION(BOQ)

We at Bimlabs Studio offer 5D BIM construction Cost Estimation services to contractors, estimators, architects and project owners in various project domains such as commercial, institutional, corporate, industrial, healthcare and others. Bimlabs Studio deliver accurate cost estimation along with quantity takeoffs using virtual as-built intelligent 3D models for building construction projects having multiple complexities.

Several Details using Revit & Autocad



Detailed Documentation of each step in construction is very important for an error free workflow. Our team of expertise delivers construction documentation sets which in turn is used to communicate the design intent and specifications to design professionals, contractors, engineers, manufacturers, suppliers etc.

CONSTRUCTION DOCUMENTATION



AND MORE.

OUR PROJECTS



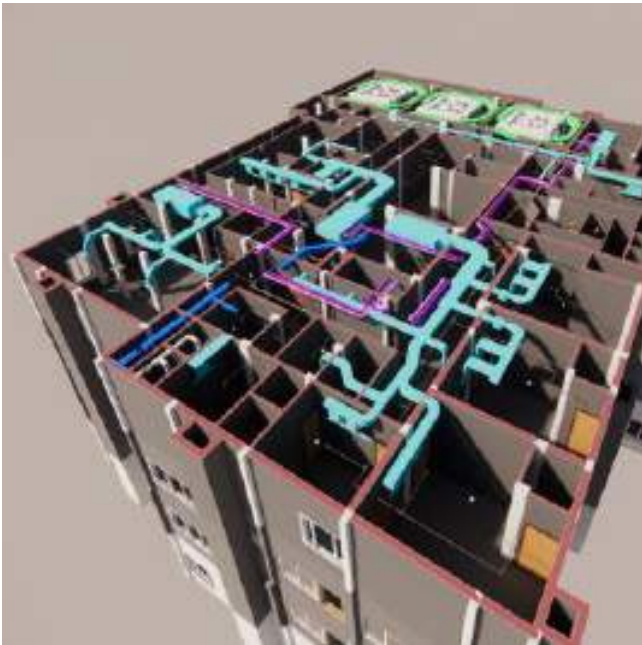
Our collaborative and team approach increases project efficiency and productivity. We help our clients safely deliver their projects on schedule and within budget.

Our project profiles are created to convey how we leverage our capabilities to add value to projects. We have completed 20+ projects including minor and major ones, across verticals, from contractors to engineering firms. The project we execute come from a wide range of sectors, such as hospitality, high rises, commercial, residential, process piping, and many more.

Convert the Schematic Design Package to detailed design package
Production of Detailed design drawings in Revit

HERITAGE HOTEL, DUBAI

7D METHOD, KOCHI



CAD TO BIM CONVERSION OF A HOSPITAL BUILDING, KOCHI

BHAVANI CONSULTANT, COCHIN

BIM conversion of IFC AutoCAD drawings- Architectural/ Structural and MEP services

Documentation from the Created BIM Model

Clash detection of MEP _ HVAC and Structural Model in Navisworks



Develop Architectural, Structural, MEP services BIM Model from IFC CAD/PDF inputs

Parametric Family Creation as per the Design Data Provided.

Quantity Take-off of Concrete for the Construction

TRITVAM RESIDENTIAL PROJECT, KOCHI

TATA REALTORS AND INFRASTRUCTURE, KOCHI

INTERIOR DESIGN DETAILING OF FARMHOUSE VILLA, DUBAI

7D METHOD, KOCHI

Develop Architectural and Interior design BIM model of Villa
-Units to detailed design Stage

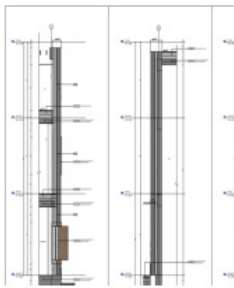
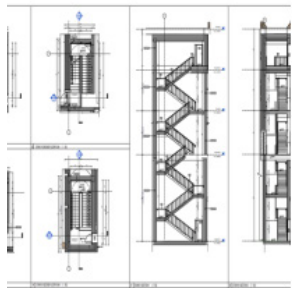
Landscape Development for Villa Complex in Revit



Convert the Point cloud Data in RCP Format of a Pump Room to as Built BIM Model in Revit.

POINT CLOUD TO BIM CONVERSION, KOCHI

NEST GROUP, KOCHI



COMMERCIAL OFFICES AND KINDERGARTEN, DUBAI

7D METHOD, KOCHI

Architecture Detailed Design (DD) from the SD model

1. Model updation as per the SD model reviews and comments
2. Coordination of Arch model with other discipline models like structural, MEP, ID, Landscape, basement, lighting etc
3. Upload all the models in CDE(BIM360)
4. Documentation of all the coordinated layouts and enlarged plans



Convert the Schematic Design Package to detailed design package and Production of Detailed design drawings in Revit

Creation of coordinated Model in Revit, Navisworks and IFC

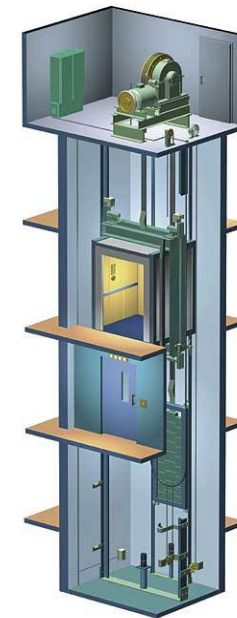
INTERIOR DESIGN DETAILING OF RESIDENTIAL UNITS & APARTMENTS, DUBAI

7D METHOD, COCHIN

REVIT FAMILY CREATION - VERTICAL TRANSPORT SYSTEM, QATAR

7D METHOD, COCHIN

Create Revit families of Elevators with all Parametric data



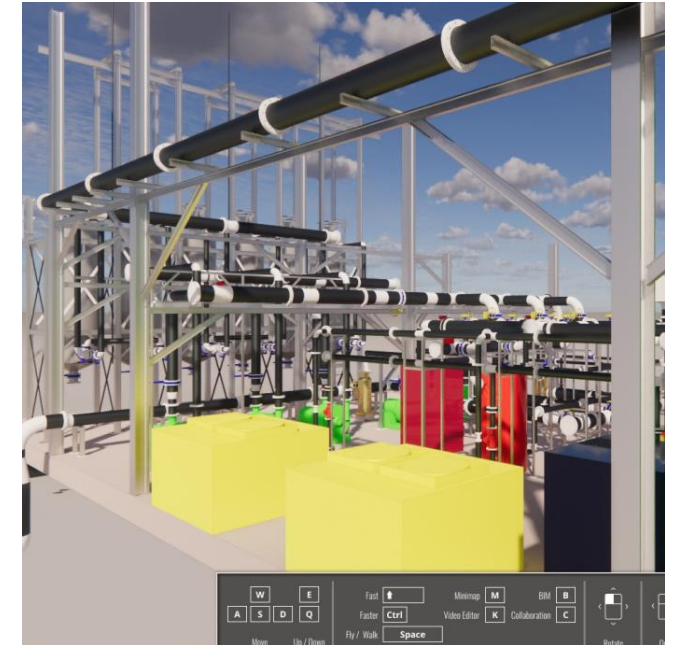
Create Fabrication model in Revit of the energy Plant from the Design Drawings and Standards

Create Spool drawings of the Piping layout – Biogas, glycol, oil etc.

Create Fabrication model of Structural Support for the pipes as per the design Data

AL-AWEER-WARSAN ENERGY PLANT BIM MODELLING, DUBAI

AAPL CONSULTANTS, KOCHI



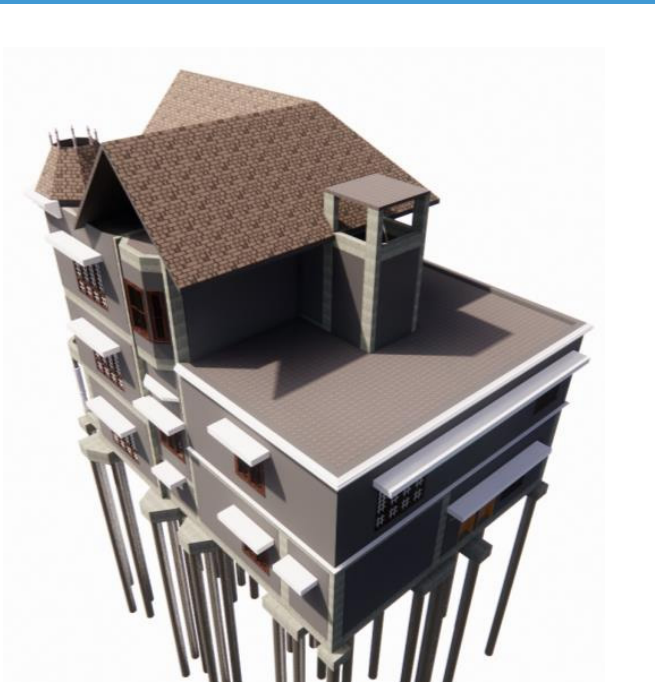
CAD TO BIM CONVERSION - QUEEN PARK VILLA, DUBAI

7D METHOD, KOCHI

CAD to BIM conversion of the Residential Villa Project

Coordination and clash detection Between the disciplines

Quantity Take-off Structural Materials



AND MORE.

LET'S START A NEW PROJECT.

Implement BIM, increase productivity. Share you requirement & our team will get in touch with you.

CONTACT US



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