

YOUR DESIGN PARTNER

# BIM SERVICES PROVIDER

Streamline your building and construction processes and boost project profitability by partnering with a reliable and certified BIM expert.





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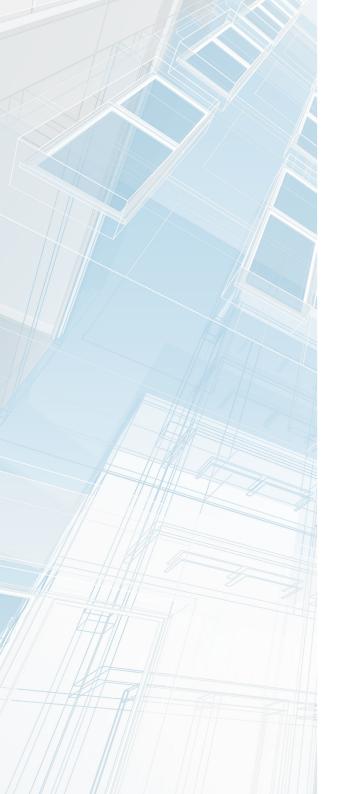


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### WHO ARE WE?

**BIM Design LLC** is a Qatar-based provider of multidisciplinary BIM services, offering comprehensive Building Information Modeling (BIM) solutions across all project stages—from concept design to construction and facilities management. With a strong focus on BIM technologies and processes, we deliver tailored solutions to meet the specific needs of our clients. Our goal is to support architects, engineers, contractors, and owners in integrating BIM methodologies seamlessly into their projects.

We provide reliable BIM and Engineering Services to clients globally, adding value to their projects. Our operations are based in the Middle East, supported by **an extended team of over 80 specialists through strategic partnerships with trusted outsourcing partners in India.** With a proactive and solutions-driven approach, we are committed to delivering high-quality services on time and maintaining consistent performance for our clients.



To be a global leader in BIM services, driving innovation and excellence in the AEC industry, and empowering our clients to achieve their goals through advanced technology and collaborative practices.



To deliver high-quality, innovative BIM solutions tailored to the specific needs of our clients, ensuring efficiency, accuracy, and project success.

### **OUR SERVICES**



#### **BIM Services**

- ► 3D BIM Modelling Services
- ► Architectural BIM Modelling
- ► Interior BIM Modelling
- Structural BIM Modelling
- ► MEPF BIM Modelling
- ► Infrastructure BIM Modelling
- Landscape BIM Modelling
- Façade BIM Modelling
- ► Scan to BIM
- ► BIM Shop Drawings

- ► BIM Quantity Take-off
- ► CAD to BIM Conversion
- ► Clash Coordination
- ► BIM Documentation
- ► BIM 4D Scheduling
- ► BIM 5D Cost Estimation
- Revit Family Creation
- ► BIM for Visualization
- ► BIM for Facility Management



**BIM Staffing Services** 

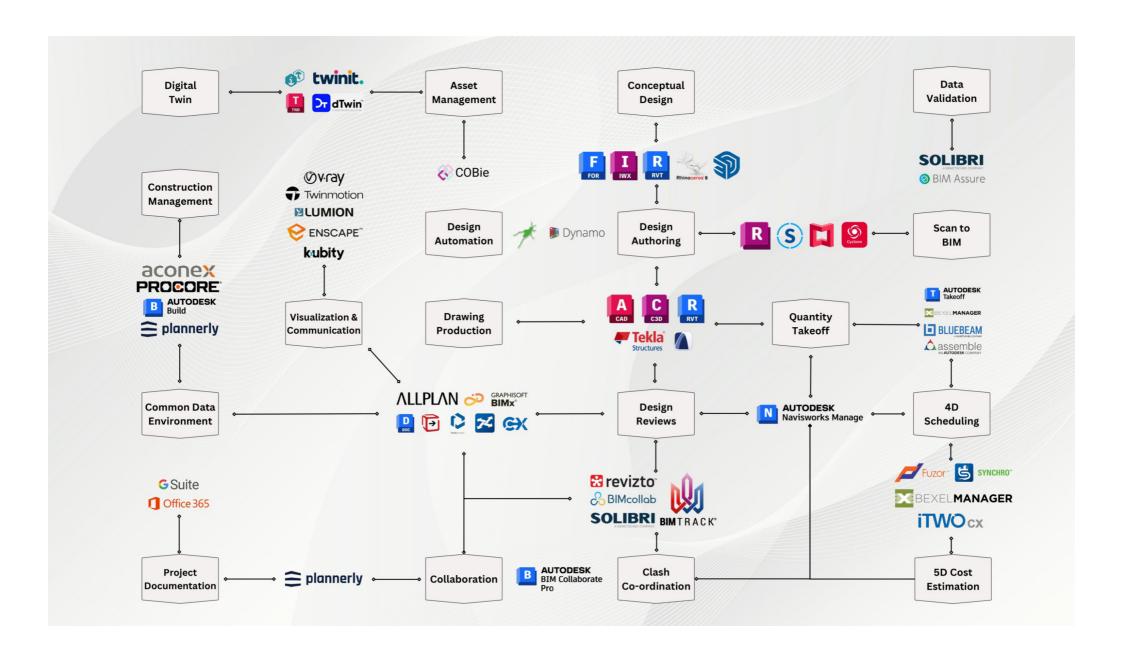


**BIM Implementation** 



**ACC Implementation** 

### **TOOLS & TECHNOLOGY**



3D BIM MODELLING SERVICES



We deliver high-quality 3D BIM models for architectural, structural, and MEP disciplines, tailored to meet specific project requirements. Our models are developed with the required **Level of Development (LOD 100 to 500)** to ensure accuracy and detail. These intelligent models act as the foundation for various project stages, including design, analysis, construction, and facility management. We ensure that each model is rich in data and aligned with industry standards, facilitating seamless collaboration and decision-making.

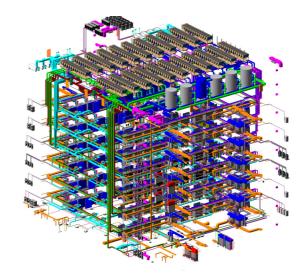


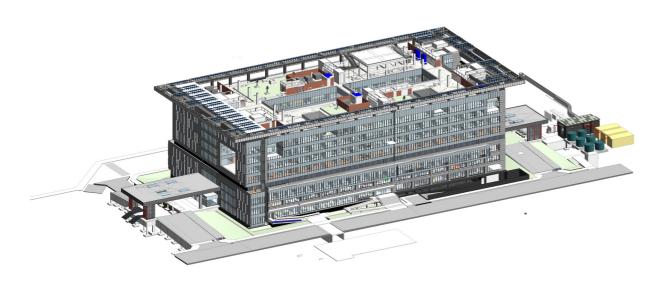


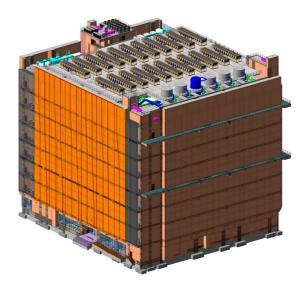
Our team creates data-rich 3D BIM models that enhance design visualization, improve clash detection, and streamline project coordination. These models integrate all necessary information, enabling stakeholders to make informed decisions and optimize project outcomes. We ensure our **3D BIM models** meet client-specific requirements and standards, providing seamless interoperability between different software platforms.

### **3D BIM Modelling Benefits:**

- ► Provides a centralized source of truth for design and construction
- ► Enhances design accuracy and reduces errors during construction
- ► Improves collaboration through data integration across disciplines
- ► Facilitates early clash detection and resolution
- ► Increases efficiency in project planning and execution
- ► Supports cost estimation, scheduling, and facility management
- ► Enables better visualization and understanding of design intent
- ► Can calculate statements about energy use and embodied carbon with new level of detail
- ► Help achieve high levels of safety during later phases of the project







ARCHITECTURAL BIM MODELLING



**BIM Design** offers a wide range of **architectural BIM modeling services,** providing customers with various options for architectural design at all stages of a construction project.



We will be your turnkey partner for all your architectural BIM modeling requirements. Our architects, engineers, and construction professionals understand the benefits of a BIM-based design process, but we are also prepared to **support you with a conventional construction design approach**, depending on your project needs. In either case, our clients receive consistently excellent results in the most efficient way possible, which shapes our reputation in the construction market.







#### **Schematic Design Phase:**

- ► 3D Building Visualizations
- Interior and Exterior Views
- ► Reusable Content Libraries

### **Design Development Phase:**

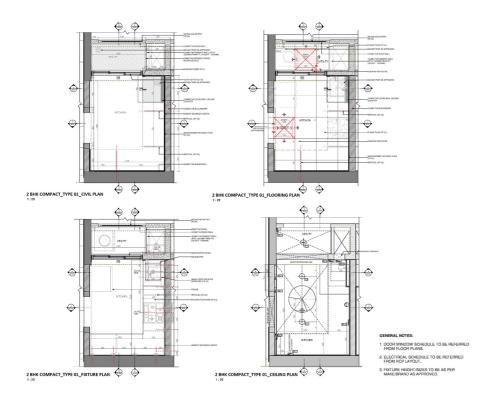
- ▶ Floor Plans
- Detailed Building Descriptions
- ▶ Bill of Quantities (BOQ) and Timeline

#### **Construction Documentation Phase:**

- Building Sections
- Staircase Specifications
- Construction Details

#### **Architectural BIM Benefits:**

- ► Enhanced Collaboration among project stakeholders
- ► Comprehensive Process Visualization
- Improved Time Management and Planning
- Meticulous Attention to Detail
- ► Automated Bill of Quantities (BOQ) Generation
- Reduced errors with accurate and detailed construction documentation.







INTERIOR BIM MODELLING



**BIM Design** is not limited to artistic dimensions but offers a comprehensive one-stop shop, providing end-to-end services to turn your vision into reality.

Our extensive experience and in-depth knowledge of architecture, furniture, and art, combined with the latest technology, enable us to create **interior spaces that are timeless**, **luxurious**, **and unique**. The harmonious blend of textures, colors, and furniture results in exceptional living environments that are both relaxed and comfortable.













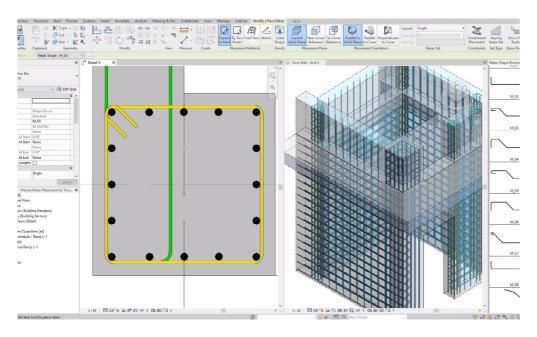
- ► Design with concept development: Including space planning, color concepts, material selection, and furnishings selection
- ► Design of engaging furniture layouts, lighting, and interior elements
- ► Interior Design services for commercial, institutional, and hotel spaces

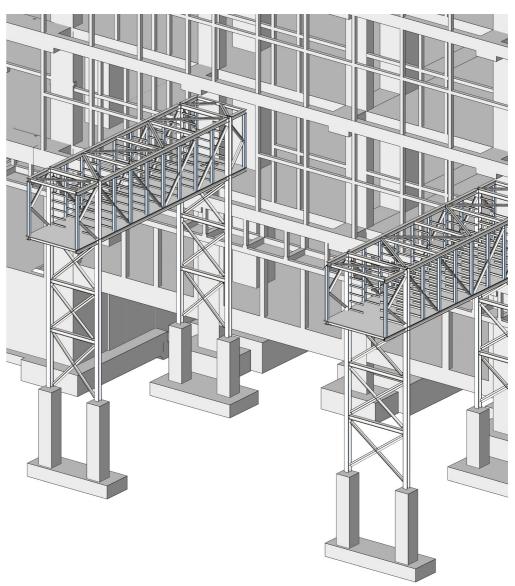
STRUCTURAL BIM MODELLING

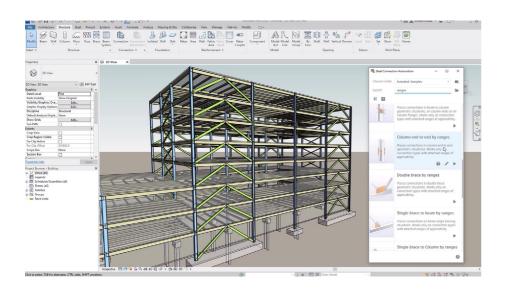


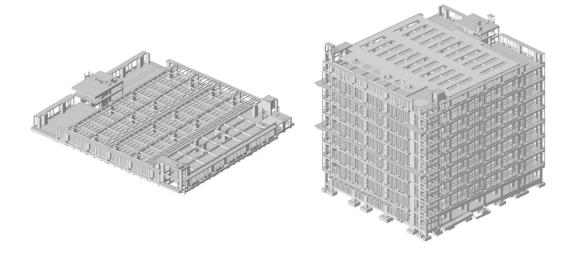
**BIM Design** offers structural engineering services for steel, composite, reinforced concrete, post-tensioned, pre-stressed, and masonry structures.

Serving as an extension of structural engineering firms, BIM Design has worked on complex and **structurally demanding projects** involving load calculation, foundation design, retaining wall design, roof structure, slab/beam/frame/column design, and steel/concrete/reinforced concrete structure design.











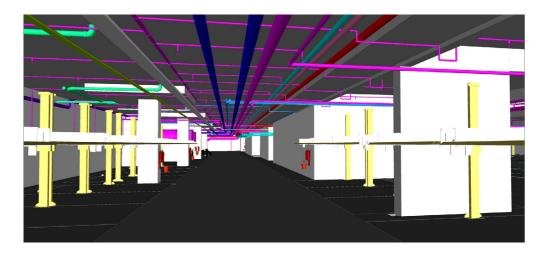
### **BIM Structural Design Services:**

- ► **Detailed Construction**/Working Drawings for structures
- ► Comprehensive 3D Models of the complete structure, integrating structural and architectural elements
- ► **Shop Drawings for beams**, joists, columns, stairs, lintels, roof frames, shelf angles, bearing plates, frames, wall partition supports, and bracings
- ► Accurate Quantity Take-Off and Cost Estimates for bidding, procurement, and construction planning
- ► 3D Modeling and Production Sequences/Erection Drawings for construction management and visualization

MEPF BIM MODELLING

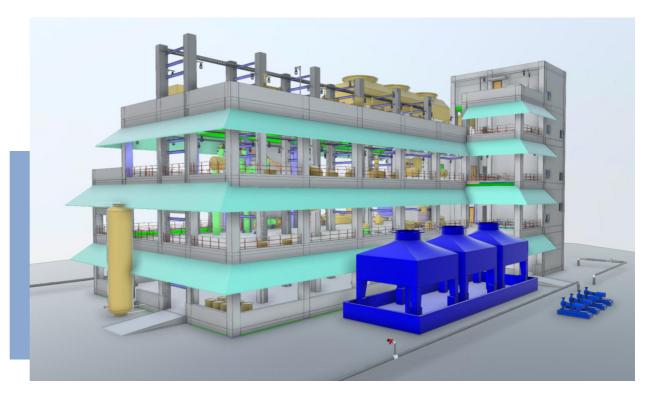


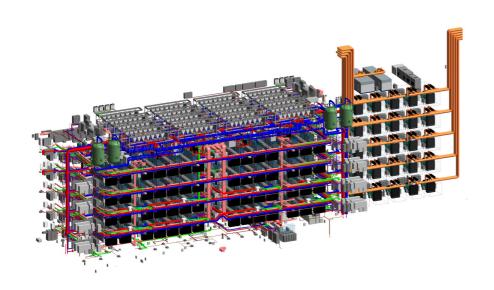
BIM Design offers a variety of Mechanical, Electrical, and Plumbing (MEP) Engineering services. Our expertise in MEP design software like Revit MEP, AutoCAD, FAB MEP, CAD Duct, and CAD-Pipe enables us to provide high-quality MEP BIM services. We can integrate seamlessly into your design process to deliver comprehensive and coordinated MEP BIM models. Detailed studies and reports are submitted to assist clients in refining their design and overall process.



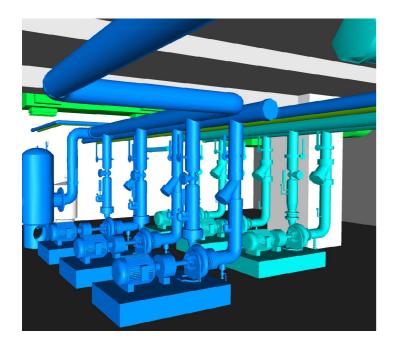
#### **Our MEP Services Include:**

- ► Conversion of 2D Designs to 3D Models
- MEP Shop Drawings
- ➤ 2D CAD Drafting and Detailing
- ► MEP Fabrication Drawings
- ► MEP Drafting Services
- MEP Construction Drawings
- MEP Coordination
- ► As-Built Drawings
- ► Spool Drawings







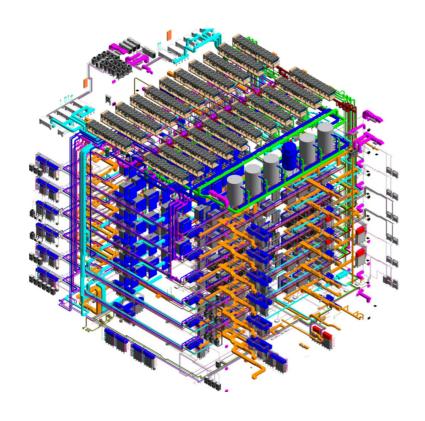


#### **Mechanical BIM Services Include:**

- Heating, Ventilation, and Air Conditioning (HVAC)
- Mechanical Equipment Modeling based on submittals/cut sheets
- Mechanical Duct and Duct Fitting Modeling
- Duct Layout compliant with specifications and codes
- Bill of Quantities (BOQ) for ducts, duct fittings, mechanical equipment, diffusers, grills, etc.
- ► Modeling of Mechanical Components with connections
- ► Detailed Mechanical Equipment sections and isometric views
- ► MEP Walk-through
- ► Rendered Views of Mechanical Models

### **Benefits of BIM MEP Modeling:**

- ▶ **BIM MEPF Services** on our Revit platform assist engineers, designers, and contractors in the mechanical, electrical, plumbing and fire protection trades in effectively coordinating and communicating design intent.
- ► Accurate Geometric Representation within a coordinated design
- ► Clash-Free Design Coordination with various design disciplines
- ► Integration of Manufacturing-Specific Content to extend design to fabrication
- ► **Streamlined Quantity** Estimate Process
- ➤ **Simplified Modeling** with adherence to standard specifications and codes





INFRASTRUCTURE BIM MODELLING



There has been a significant rise in the use of **BIM processes** for transportation infrastructure projects over the past five years. Some of the most notable benefits include design optimization, improved cost predictability due to reduced rework, fewer errors and cost savings, better project schedule performance, enhanced collaboration, improved project understanding through **3D visualization**, stronger communication among various parties, and the creation of dynamic design data that can eventually support operations, maintenance, and asset management.

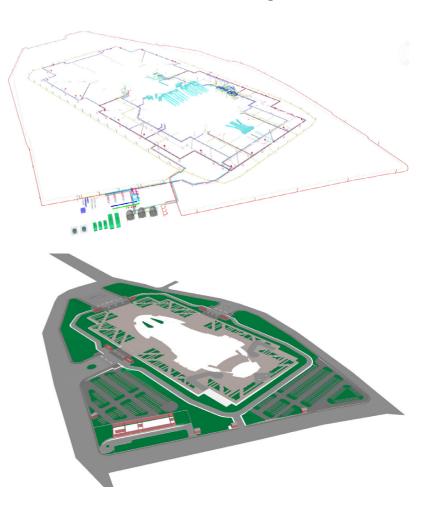
### BIM Design Service for Infrastructure Design and Construction Projects includes:

#### **Feasibility:**

- Systematic management of value engineering data using BIM and the development of new ideas
- ▶ Visualization

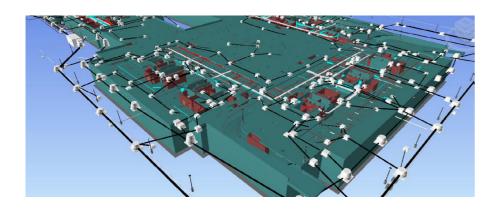
#### **Tendering:**

- ► Fly-through videos
- ► Bill of Quantities (BOQ) generated from 3D models



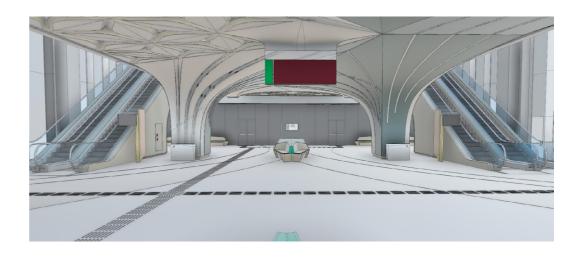
### **Detailed Design:**

- ► BIM Design of Existing Conditions
- ► BIM Design Models
- ► BIM Design Clash Coordination Models
- ► Bill of Quality (BOQ)
- ► BIM Design Models for Fabrication
- ► BIM Design Family / Content Creation
- ► BIM Design Automation



### **Facility Management:**

- ► Asset Management
- ► Safety & Risk Management
- ► BIM Design Virtual Reality Modeling



#### **Construction:**

- ► BIM Design Coordination of Multi-Discipline Models
- ► BIM Design Construction Sequencing (4D)
- ► BIM Design Model-Based Quantity Takeoff (QTO) (5D)
- ► BIM Design As-built Modeling



LANDSCAPE BIM MODELLING



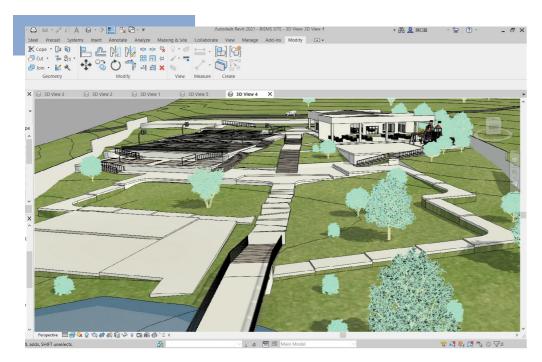
BIM Design aims to enhance and beautify the surroundings, creating life in between buildings. **Landscape architects** add vitality to streets, apartment compounds, shopping malls, regional parks, playgrounds, waterways, and more, designing spaces that are inclusive and inviting for all.

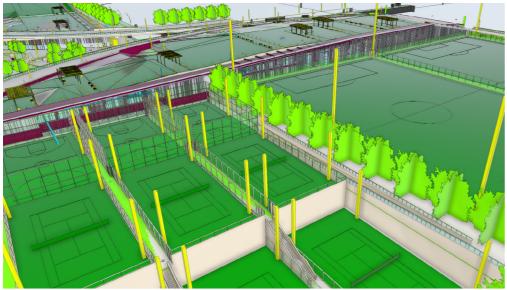




### **Benefits of Landscape BIM Services:**

- ► Enhanced data management, **BIM Design collaboration** with stakeholders, and streamlined design lead to in-depth project visibility and better-informed decision-making.
- ▶ BIM Design improves the overall **project lifecycle and costing**, helping achieve accurate and reliable data that benefits facility managers, project owners, and architects.
- ➤ Since overall **activities are well-planned**, BIM Design optimizes material use and streamlines site logistics, leading to efficient and timely project completion.







- ► BIM can optimize any project, **from schematics and documentation** to the building handover phase.
- ► **Revit,** a BIM software, allows for the processing and triangulation of terrain points to create surface models.
- ▶ BIM enables **sun and shade studies**, aiding in glazing sizing and balancing heat loss or gain. Sun shading analysis can be easily performed using BIM tools.
- ► BIM with **pre-designed models** can help calculate elementary costs in the initial stages of a project.

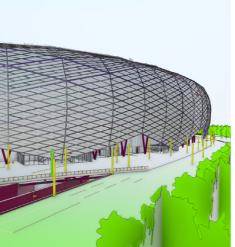
FAÇADE BIM MODELLING



**BIM Design** offers expertise in providing BIM modeling for facades in the early stages of the building process. Our facade solutions include aluminum curtain walling systems, structural glazing, metal composite panel cladding, metal canopies, doors, windows, and skylights.











SCAN TO BIM

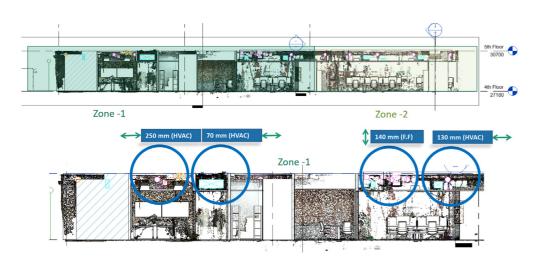


### **Scan To BIM And As-Built Modeling:**

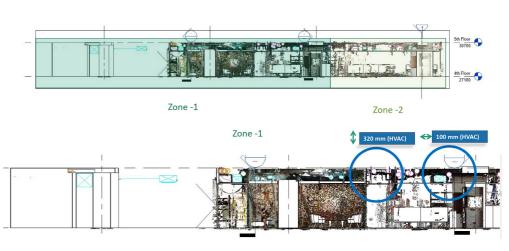
**Scan-to-BIM** is a process that converts physical spaces or sites into digital representations using point clouds generated from stitched 3D laser scan files. **Professional 3D scanning** ensures precise and accurate models of both interior and exterior spaces.

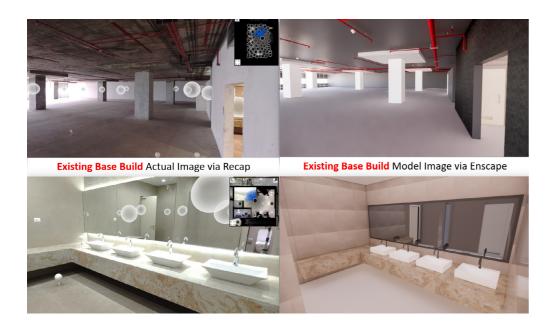
This service is particularly valuable for projects in the following stages:

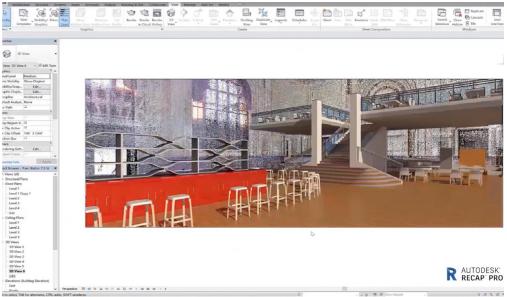
- ► Renovation
- Refurbishment
- Demolition
- Extension





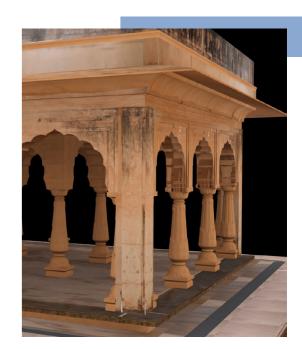






#### Why choose BIM Design?

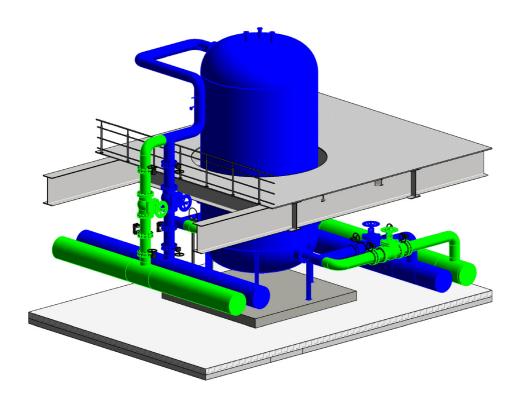
- ▶ BIM Model Creation: Converting point cloud data from laser-surveyed images and point clouds
- ► **High-Quality As-Built Surveys:** Provided by our team of licensed professionals
- ► Accurate As-Built Environment Reproduction: Using our point cloud data
- ► **Informed Decision-Making:** Enabled by our comprehensive and accurate results
- ► Expert 3D Scan Data Handling: Our professionals excel in capturing and interpreting data
- ► **Cost Savings:** Achieved through improved build cost estimates and reduced errors
- ► **Timely and Accurate Delivery:** Our commitment to meeting deadlines and ensuring quality

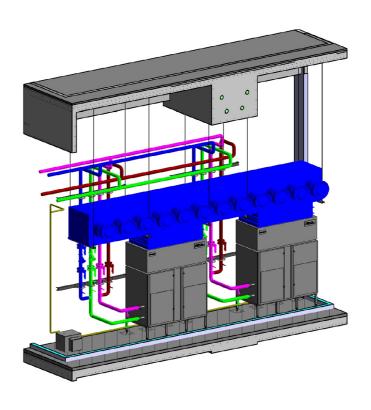


**BIM SHOP DRAWINGS** 



**BIM Design** effectively converts ASMEPF design information from floor plans and sections into construction-ready drawings for third-party trade contractors. **Accurate construction** drawings are essential for minimizing on-site rework caused by measurement, fabrication, or assembly errors.



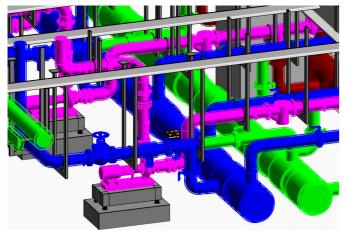


### **Benefits of Our Expertise and Technology:**

Architectural
Shop Drawings

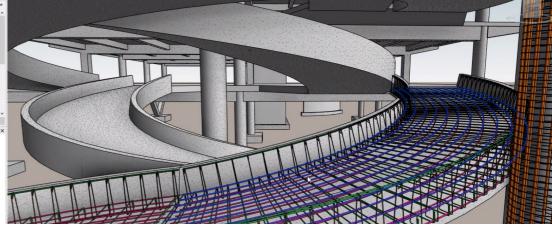
Mechanical
Shop Drawings

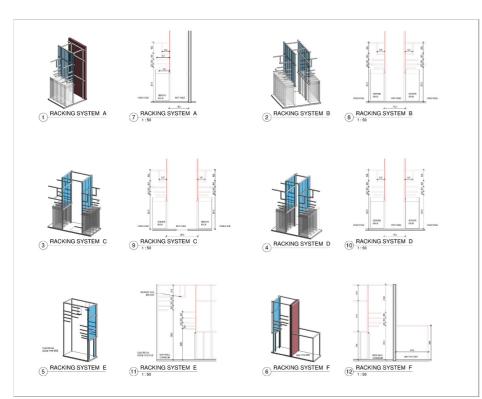
**Structural**Shop Drawings

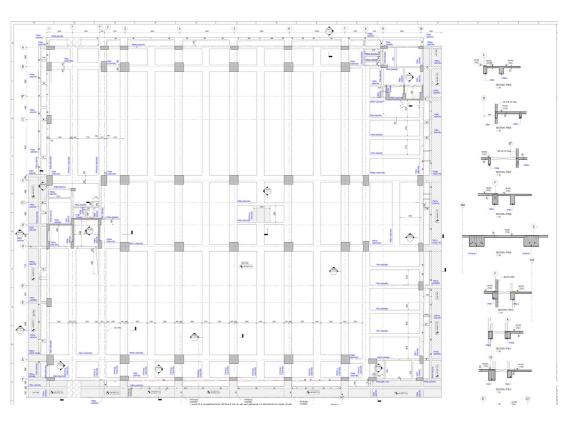


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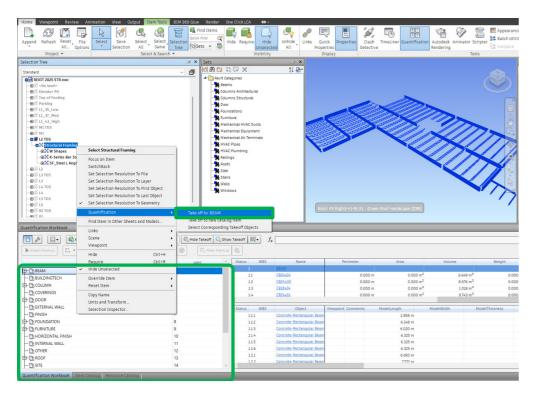




BIM QUANTITY TAKE-OFF

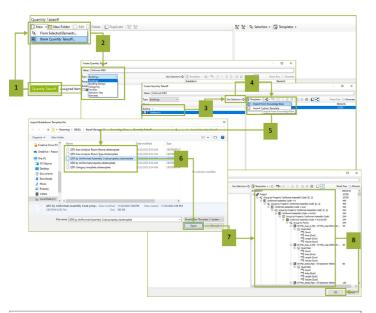


We offer automated quantity takeoff services by extracting data directly from BIM models, ensuring precision and reliability in material and cost estimation. By leveraging tools such as **Revit, Navisworks Quantification, ACC Takeoff and CostX**, we deliver detailed quantity reports tailored to specific project needs. These reports cover all essential construction materials and quantities required for procurement and budgeting.

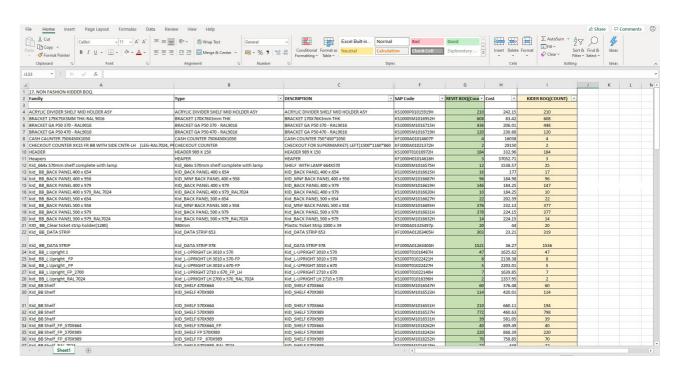




Our **BIM Quantity Takeoff service** eliminates manual errors and improves efficiency in cost estimation and resource planning. We assist clients by aligning quantity data with construction timelines and ensuring accurate input for tendering processes. This enables better financial planning and efficient use of resources.



Α	В	С	D	E	F	G
System Type	Type Comments	Height	Width	Duct.Max.Size	Length	Duct Gauge Schedule
Supply Air						
Supply Air	RECTANGULAR DUCT	150	150	150	345	Gauge 26
Supply Air						
Supply Air	RECTANGULAR DUCT	150	200	200	157	Gauge 26
Supply Air	RECTANGULAR DUCT	150	200	200	102	Gauge 26
Supply Air						
Supply Air	RECTANGULAR DUCT	200	200	200	990	Gauge 26
Supply Air	RECTANGULAR DUCT	200	200	200	254	Gauge 26
Supply Air	RECTANGULAR DUCT	200	200	200	1699	Gauge 26
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Supply Air	RECTANGULAR DUCT	200	200	200	587	Gauge 26
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### The Benefits:

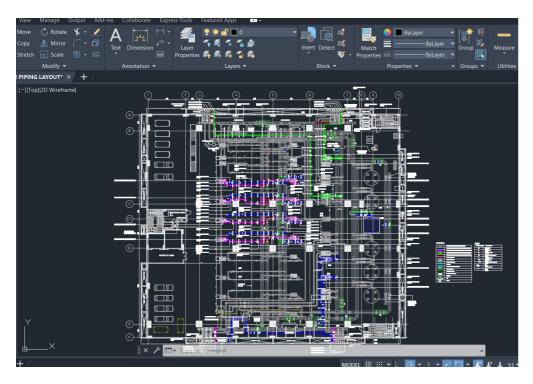
- ► Reduces manual errors and enhances accuracy in estimation
- Saves time by automating quantity extraction from BIM models
- ► Improves procurement planning with detailed and reliable reports
- Supports tendering and bidding processes with accurate data
- ► Ensures transparency in material planning and usage
- ► Facilitates resource optimization and cost control
- Increases confidence in meeting project budgets

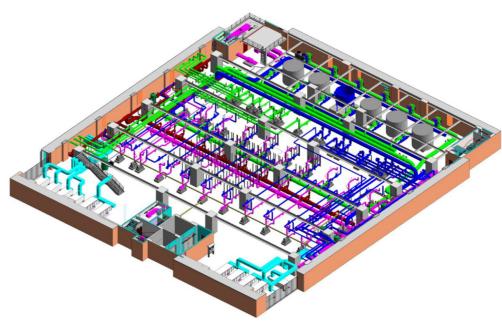
CAD TO BIM CONVERSION

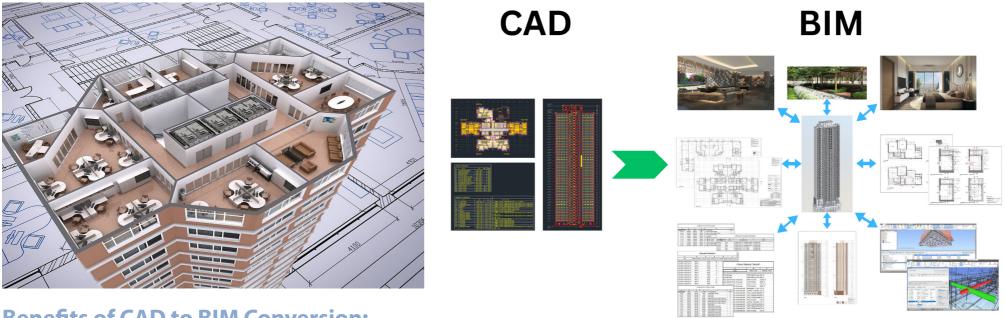


Our CAD to BIM Conversion services transform traditional 2D CAD drawings into intelligent, data-rich 3D BIM models. We convert architectural, structural, and MEP designs into **BIM-ready formats** with precise geometry and parametric details. The resulting models are aligned with industry standards and tailored to meet specific project requirements. Our team ensures that all design elements, including annotations, layers, and dimensions, are accurately captured in the BIM environment to enable seamless project coordination and collaboration.

We assist clients in modernizing their workflows by transitioning legacy CAD designs into BIM models that enhance project visualization, coordination, and analysis. Our expertise in converting CAD files ensures accurate representation of design intent while integrating vital data for clash detection, quantity take-offs, and 4D/5D simulations. Whether you're planning a renovation, an asbuiltproject, oradopting BIM workflows, we deliver models that are ready for integration into larger BIM projects.





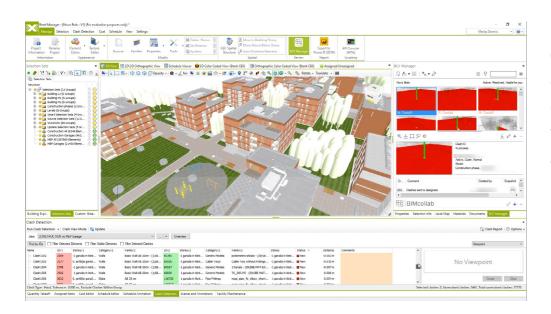


### **Benefits of CAD to BIM Conversion:**

- ► Enhanced Collaboration: 3D BIM models improve coordination between multidisciplinary teams, reducing misunderstandings and errors
- ► Accurate Data Integration: Intelligent BIM models contain essential data for quantity take-offs, simulations, and facility management
- **Time and Cost Efficiency:** Reduces time spent on manual updates and enhances design accuracy, minimizing rework
- ► Compliance with Standards: Models are created to align with BIM standards, ensuring compatibility with industry tools and workflows
- ▶ Improved Visualization: BIM models offer a 3D view of designs, enabling better understanding and communication of project scope
- ► Scalable Solutions: Models can be adapted for various project stages, from design development to construction and facility management

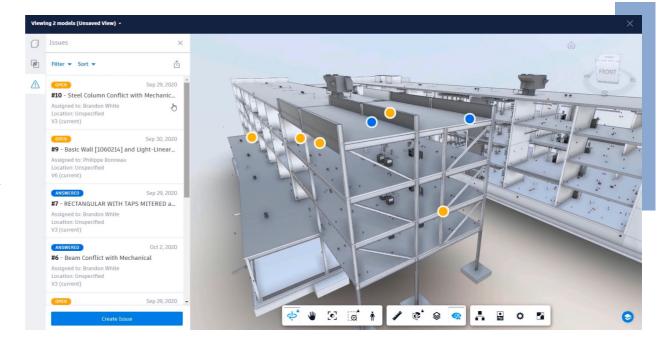
**CLASH COORDINATION** 

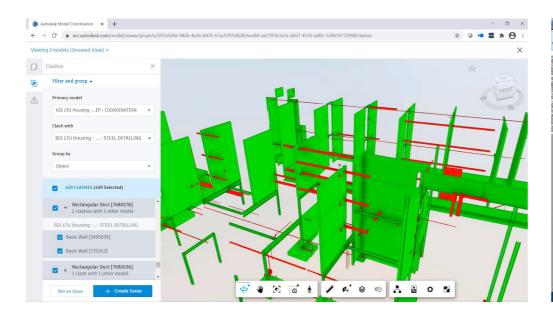


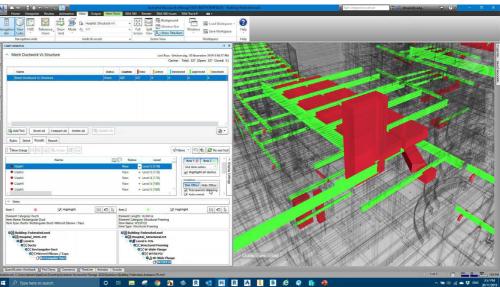


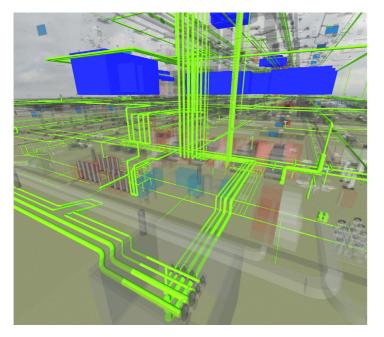
Our Clash Coordination services identify and resolve design conflicts across multiple disciplines, ensuring a clash-free BIM model. Using advanced coordination tools, we detect clashes between **architectural**, **structural**, **and MEP systems** and provide detailed reports for resolution. Our team manages the clash coordination process, enabling smooth collaboration among stakeholders and ensuring that all design elements align seamlessly before construction.

We streamline the coordination process by conducting regular clash detection and resolution sessions, ensuring that all design issues are identified early in the project lifecycle. Our team facilitates communication between disciplines to resolve clashes efficiently, reducing the risk of costly delays and rework. By leveraging tools like **Navisworks**, **BIM Collaborate Pro**, **Solibri and others**, we provide accurate and actionable insights to achieve a fully coordinated model.









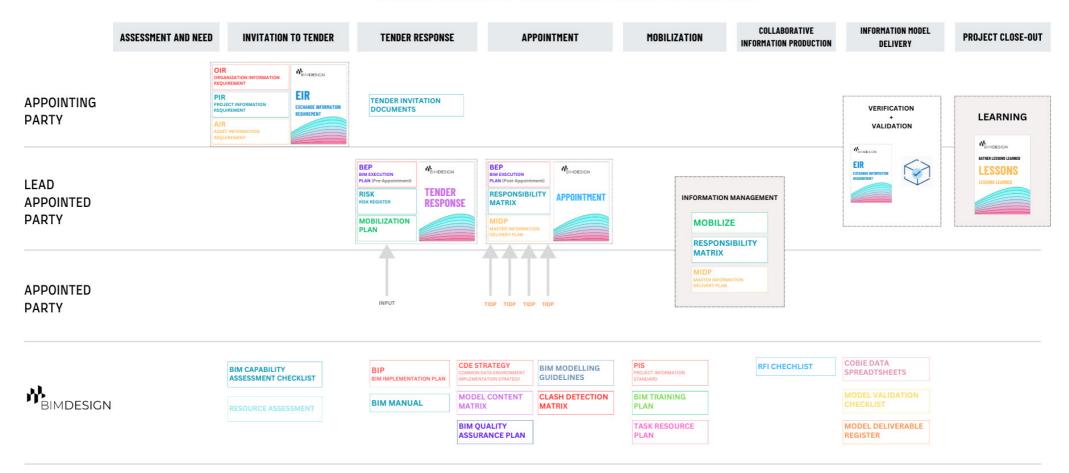
- Minimized Errors: Early identification of design clashes prevents costly changes during construction
- ► Improved Coordination: Ensures seamless collaboration between multidisciplinary teams, enhancing project efficiency
- ► Cost and Time Savings: Resolving clashes in the design phase reduces delays and rework on-site
- ► Enhanced Project Quality: A clash-free model ensures smooth execution and adherence to design intent
- ► **Detailed Reporting:** Comprehensive clash detection reports highlight issues, enabling focused resolution efforts
- ► **RiskMitigation:** Eliminating clashes reduces the likelihood of construction conflicts and associated risks

BIM DOCUMENTATION





### **DOCUMENTATION WITHIN ISO 19650 WORKFLOW**



### **What We Offer:**

Our **BIM Documentation Services** provide detailed and standardized project documentation that aligns with industry standards, including EIR (Employer's Information Requirements), BEP (BIM Execution Plans), MIDP (Master Information Delivery Plans), and TIDP (Task Information Delivery Plans). We also prepare modeling guidelines, LOD specifications, QA/QC protocols, and COBie-compliant asset data for facility management.

### **How We Can Help:**

We ensure **all project information is structured**, comprehensive, and easy to access, creating a solid foundation for collaboration among stakeholders. Our documentation services reduce ambiguities in project requirements and enhance communication between all teams involved. We help clients meet compliance standards, maintain transparency, and streamline the project delivery process.

#### **Benefits of BIM Documentation:**

- ► Ensures clarity and standardization in project documentation
- ► **Reduces project risks** through well-defined deliverables and requirements
- ► Enhances collaboration and coordination among project teams
- ► Supports compliance with international **BIM standards** like ISO 19650
- ► Simplifies **information exchange** across disciplines
- Improves the efficiency of project approvals and handovers
- ► Provides a **comprehensive reference** for operations and facility management

BIM 4D SCHEDULING



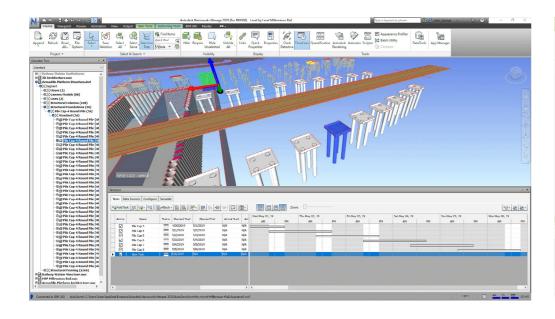
Our **4D Scheduling** service integrates 3D BIM models with project schedules to create time-based simulations of construction activities. Using platforms like **Navisworks Simulate**, **Synchro Pro**, **Bexel Manager**, **and Fuzor**, we visualize the construction sequence, identify potential delays, and optimize workflows. This service bridges the gap between design and construction planning.

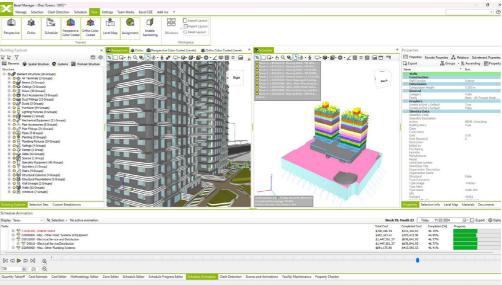
► We support clients by creating visual schedules that help teams understand construction timelines and plan resources effectively.

Our service ensures better communication, early identification of risks, and proactive solutions to keep projects on track.

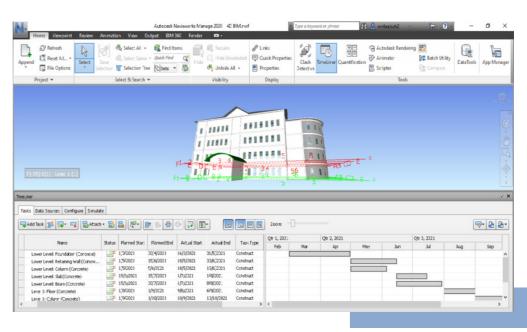








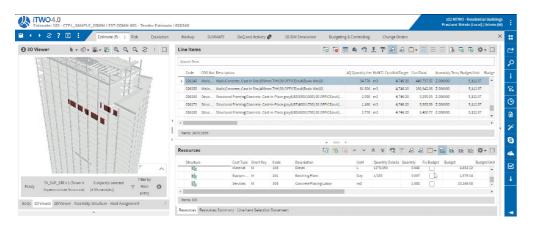
- ► Enhances **construction planning** with visualized timelines
- ► Identifies and resolves **scheduling conflicts** early
- ► Improves **team collaboration** and communication
- ► Reduces project delays through **proactive planning**
- ► Streamlines **construction sequencing** and resource allocation
- ► **Reduces rework** and associated costs
- Ensures alignment between design and execution phases



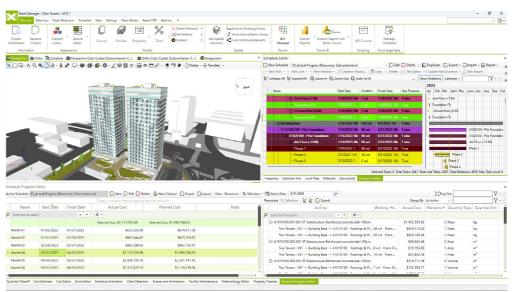
**BIM 5D COST ESTIMATION** 

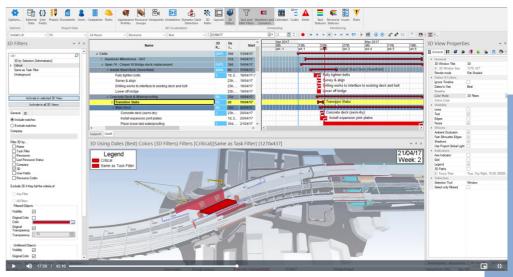


We deliver **5D Cost Estimation** services by linking cost data with BIM models to provide real-time budget tracking and cost optimization. Our team uses tools like CostX, Synchro Pro, and Navisworks Quantification to create comprehensive cost analyses and forecasts. This service enables stakeholders to monitor and control project costs efficiently.

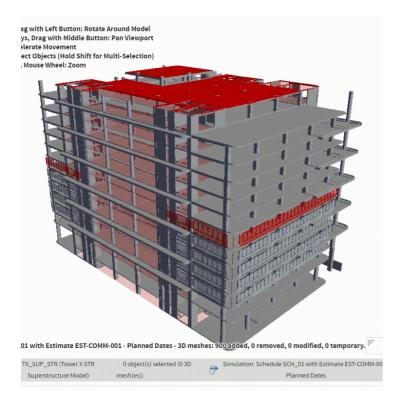


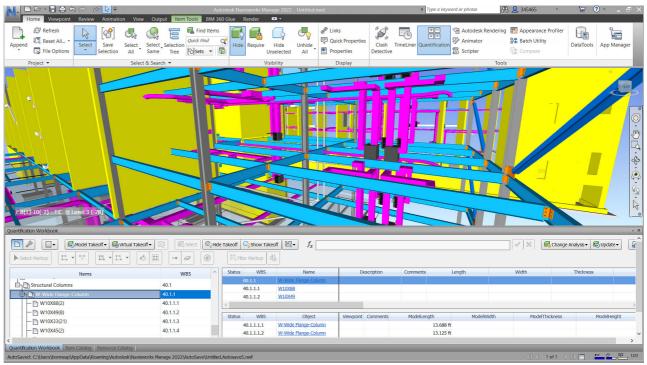
We help clients gain better financial control by integrating cost elements into BIM models. This allows for accurate cost estimation, tracking cash flow, and aligning budgets with project milestones. Our service supports decision-making by providing clear insights into cost implications at every stage.











### The Benefits:

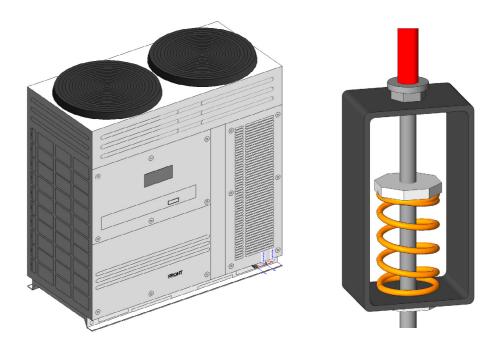
- ► Enables **real-time monitoring** and management of project costs
- ► Improves cost estimation accuracy and transparency
- ► Aligns budgets with **design intent** and project milestones
- Supports financial planning and risk mitigation
- ► **Reduces waste** and enhances cost optimization
- ► Facilitates **seamless communication** between teams on budget issues
- ► Improves overall **project profitability** and efficiency

REVIT FAMILY CREATION



**BIM Design** offers customized and ready to use Revit family creation services. We work with manufacturers, product designers, and BIM companies requiring architectural, structural, and MEP components. **Manufacturers and product design firms** can fabricate components or design products based on the details, product specifications, 3D geometry, and other information specified in the Revit families.



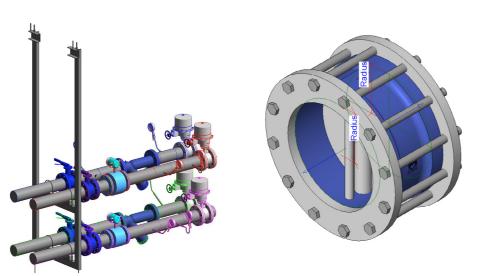


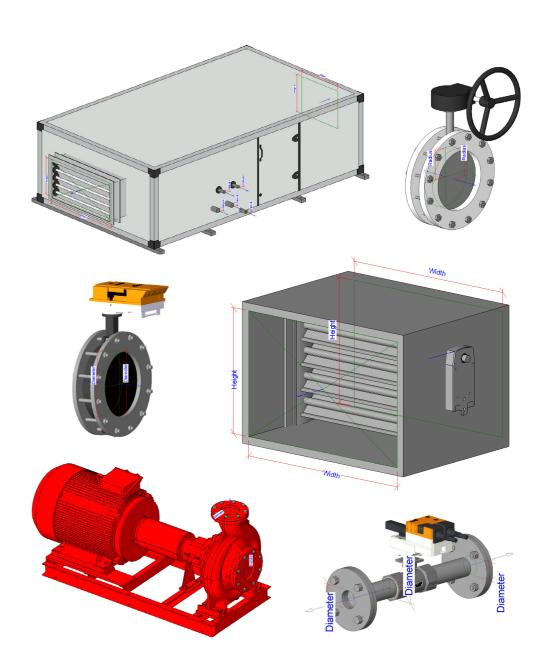
### **Architectural BIM Family Creation Services:**

- Generic and Parametric Revit family creation for doors, windows, furnitures etc.
- ► **Parametric families** adapt to varying project sizes, types, and requirements, offering design flexibility.
- ► **Tailored families** meet specific project or client needs, enhancing design uniqueness and functionality.

### **MEP Revit Family Creation Services:**

- ► For **MEP-specific needs**, we create families for HVAC systems, piping, plumbing fixtures, electrical components, lighting fixtures, and fire protection systems.
- ➤ These MEP families are designed to include **essential parameters** such as system types, flow rates, voltage, and pressure ratings.
- ► They are **optimized for coordination**, clash detection, and accurate analysis within multidisciplinary BIM models.





**BIM FOR VISUALIZATION** 



**Architectural visualization** is a powerful tool for conveying the aesthetics, mass, function, and meaning of an architect's conceptual or final design, aligning with the owner's vision for the new structure.



#### **Services Included:**

- ► 3D Modeling and Rendering
- **▶** 3D Computer Animation
- Real-time 3D
- Conceptual Illustration
- Augmented Reality (AR)
- Virtual Reality (VR)

- ▶ Geodesign
- Geographic Information Systems (GIS)
- Surveying and Mapping
- **▶** Photo Simulation



## Benefits of Our Expertise and Technology:

- **Accelerated** project timelines
- Enhanced project effectiveness and accountability
- Clarification of complex or challenging projects
- Improved stakeholder consensus and informed decision-making
- Promotion of **new technology** adoption
- Faster project financing
- **Increased pre-sales** and pre-lease contracts
- Enhanced marketing strategies

**Augmented Reality (AR)** is a technology that allows for the visualization and modification of attributes in computer-generated models created using CAD or Building Information Modeling (BIM) software.



### **Benefits:**

- ► Non-Experienced Field Engineers in automotive, HVAC, and piping domains can view expert-built structures by simply scanning a small code on the parts.
- ► Customers can easily identify defective areas using the AR app and sensors and request **on-site technician support** for routine issues.





Our **BIM Visualization** services provide photorealistic rendered walkthroughs, images, and animations that bring your design concepts to life.

Using advanced rendering techniques, we create visually compelling and accurate representations of your BIM models. These visualizations help stakeholders better understand design intent, spatial relationships, and aesthetic qualities before construction begins.

Whether it's for client presentations, marketing materials, or internal reviews, we produce high-quality renders and interactive 3D walkthroughs that allow for an immersive and detailed exploration of the project.







- ▶ **Improved Communication:** Visualizations make it easier to communicate complex design concepts and changes to clients, contractors, and stakeholders.
- ▶ **Design Validation:** Verify design accuracy and aesthetics before construction, reducing costly errors during the build phase.
- ▶ Immersive Experience: Interactive 3D walkthroughs give clients and stakeholders an immersive experience of the space, providing a deeper understanding of the project.
- ► Faster Approvals: Visual walkthroughs offer a detailed view of the design, expediting the approval process and project buy-in.

BIM FOR FACILITY MANAGEMENT



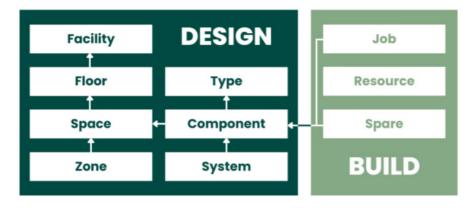
We integrate BIM models with **Facility Management systems** like Maximo and ARCHIBUS, providing a centralized platform for efficient maintenance, asset tracking, and space management. We also generate **COBie spreadsheets** to ensure standardized and accessible asset information. This service bridges construction and operational phases for long-term facility management.





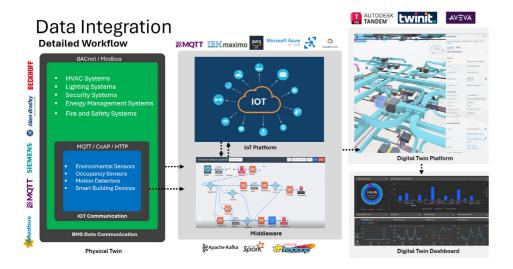


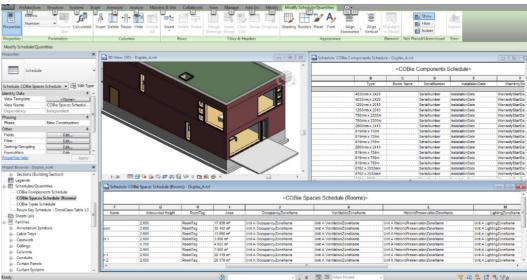
### COBIE DATA STRUCTURE

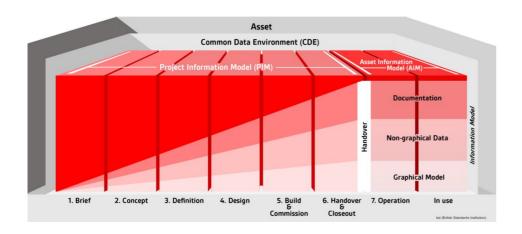




We assist clients by delivering data-rich models that simplify facility maintenance and operations. By centralizing asset information, we streamline **maintenance scheduling**, improve asset tracking, and support lifecycle management of facilities. Our service ensures smoother handovers and enhanced operational efficiency.







- ► Simplifies preventive and **corrective maintenance**
- ► **Reduces downtime** and maintenance costs
- ► Improves **asset tracking** and lifecycle management
- ► Enables better **space utilization** and planning
- ► Provides **standardized data** for compliance and reporting
- ► Enhances **decision-making** with centralized information
- Bridges construction data to operational needs

# **BIM STAFFING**

**SERVICES** 



We provide highly skilled **BIM professionals** to meet your project requirements.

Our staffing solutions ensure that you have the right expertise for your projects, whether short-term or long-term. Additionally, we specialize in offering **BIM staffing services** in the region, enabling clients to access local talent with global expertise.

Our **BIM staffing solutions** are designed to provide clients with access to highly skilled professionals across all disciplines, including architecture, structure, MEP, interior design, and infrastructure. We offer:

- ► Comprehensive Coverage: Staffing for short-term, long-term, or project-specific requirement
- ► **Multi-Level Expertise:** Personnel ranging from junior modelers and drafters to senior BIM managers and coordinators
- ► Regional Focus: Specialists familiar with local regulations, standards, and workflows
- ► Flexibility: Tailored staffing solutions to match project size and complexity
- ► Commitment to Quality: Rigorous vetting processes to ensure the highest caliber of BIM expertise

# BIM

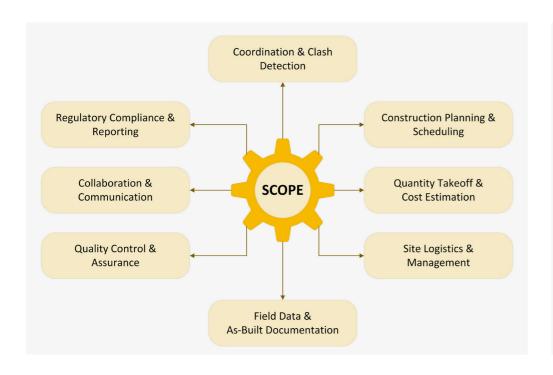
**IMPLEMENTATION** 

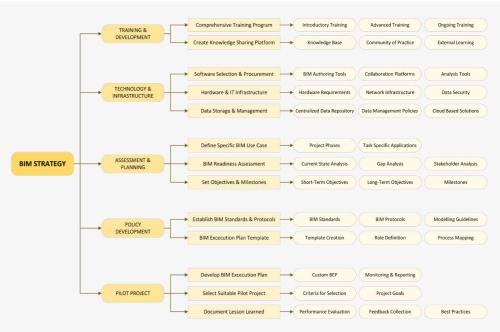


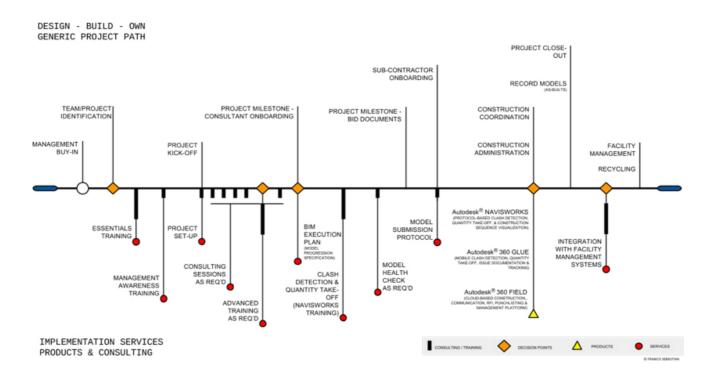
We deliver **BIM implementation services** tailored to organizational needs. This includes process assessments, developing BIM strategies, creating standards, and training staff. Our implementation aligns with industry standards and best practices to ensure successful **BIM adoption**.

► We help organizations transition to BIM by streamlining workflows, training teams, and aligning processes with business goals.

Our hands-on approach ensures cultural alignment, smoother adoption, and consistency in project delivery.







### **Benefits of BIM Implementation:**

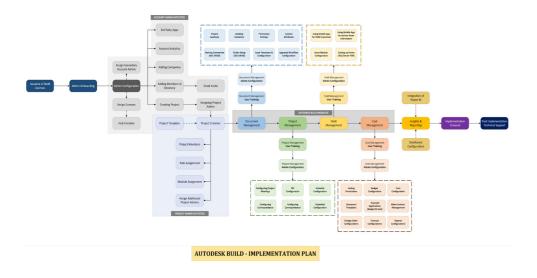
- Increases efficiency across all project phases
- ► **Standardizes processes** and workflows for consistency
- ► Enhances **team collaboration** and communication
- ► Positions **organizations as leaders** in BIM-enabled construction
- ► **Reduces project risks** and improves outcomes
- ► Supports **long-term digital** transformation strategies
- ► Maximizes ROI on BIM investments

# ACC

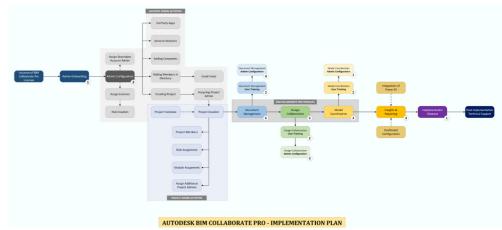
**IMPLEMENTATION** 



We set up and configure Autodesk Construction Cloud (ACC) tools like **BIM Collaborate Pro, Autodesk Build, and Docs** to enhance project collaboration, data sharing, and management. This includes onboarding, workflow customization, and staff training.



We assist clients by **implementing ACC tools** that enable real-time collaboration, document control, and predictive analytics. Our services ensure seamless integration with existing workflows and maximize the potential of cloud-based construction management.



### **Benefits of ACC Implementation:**

- ► Enhances **collaboration and data sharing** in real-time.
- ▶ Reduces delays with efficient document control and workflows.
- Provides predictive insights for proactive decisionmaking.
- ► Improves **team productivity** and project efficiency.
- ► Ensures data security with cloud-based platforms.
- ► Supports **scalability for projects** of all sizes.
- Simplifies project tracking and reporting.

# **ONGOING**

**PROJECTS** 



#### **RENAD ACADEMY**

**Project Name:** Design and Build of Construction of Renad Academy

**Project Typology:** School Campus

**Contract Type:** Design & Build

**Project Location:** Education City, at the South Campus – Precinct 1, adjacent to the Oxygen Park and

**Quranic Botanical Garden** 

**Plot Area:** 36,210 m<sup>2</sup>

**Gross Floor Area:** 20,837 m<sup>2</sup>





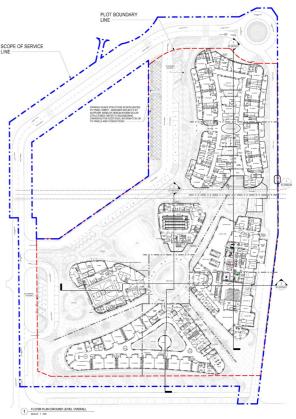
The Project "Renad Academy" is part of the Education City Master Plan, the Renad Academy campus calls for a comprehensive School building and associated amenities for students with Autism Spectrum Condition (ASC). Renad Academy' is a vital project for the **Qatar Foundation** and aims to establish a flagship school for children on the autism spectrum and a training center for their parents and caretakers. The school will provide high quality education for students with Autism Spectrum Condition pre-kindergarten through age 21.

Renad Academy has an approximate GFA **20,837 m<sup>2</sup>** to accommodate a total number of 476 students and the faculty. Renad Academy has the following components:

- 1. Early childhood: Pre-3, Pre-4 and KG (Student Age: 3 5 years old)
- 2. Primary School: Grade 1 to Grade 5 (Student Age: 6 10 years old)
- 3. Middle School: Grade 6 to Grade 8 (Student Age: 11–13 years old)
- 4. High School: Grade 9 to Grade 12 (Student Age: 14–17 years old)
- 5. Transition/Vocational Programs: Age 18 to Age 20
- 6. Other supporting amenities such as administration, labs, art, music, sports, multipurpose hall, swimming pool, and supporting facilities.







# **Project Scope:**

#### **BIM Documentation**

- BIM Execution Plan
- ► BIM Quality Management Plan
- ► BIM Project Manual





## **Technical Design & Construction Documentation (LOD 300 & LOD 350)**

- ▶ Design model of all ASMEPF for both LOD 300 & LOD 350
- ▶ 3D model generation from CAD drawings received from Design Consultants
- ► Modelling of School Campus landscape area including softscape, hardscape and irrigation.
- Modelling of façade elements for all the buildings within campus
- Clash Coordination
- ► 4D Scheduling
- Visualization –Rendered Images & Walkthrough
- 5D Cost/Quantity model and Reports
- Model Extracted IFC drawings
- Model Extracted Coordinated Drawings
- Cobie Spreadsheets
- Common Data Environment
- Model Drawing & Document Register (MIDP)
- QAQC Reports













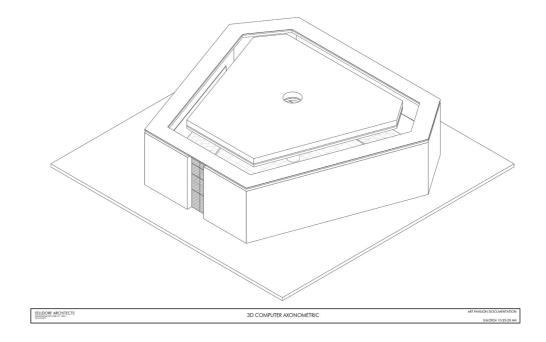
#### **DOHA ART PAVILION**

**Project Name:** Doha Art Pavilion

**Project Typology:** Museum

**Contract Type:** Design & Build

**Project Location:** Doha, Qatar



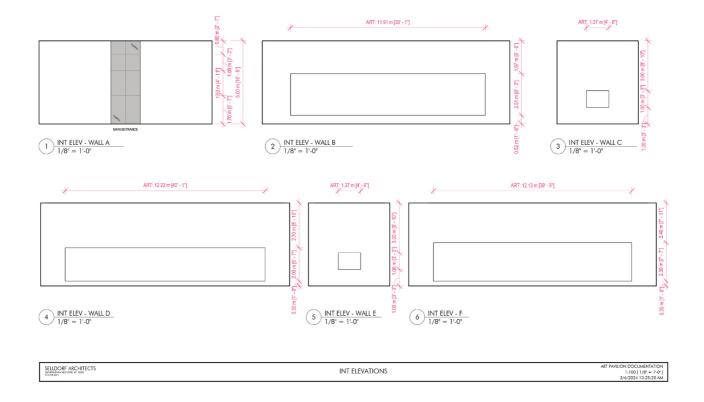
An unprecedented site-specific hexagonal pavilion that unites several of the most significant threads of Richter's long-standing inquiry into the nature of visual representation.

- 1. Facade Artwork: 6 outer walls of the pavilion are covered in a vibrant repeating pattern.
- **2. Sculpture:** A site specific, centrally featured stone sculpture with recirculating water feature.
- 3. Paintings (Digital prints): 3 of "Strip" paintings to be hung on the pavilion's interior walls.
- 4. Mirrors: 2 gray reflective glass interspersed between the walls with painting

# **Project Scope:**

- Design model of all MEPF for LOD 300 stage
- ➤ 3D model generation from CAD drawings received from Design Consultants
- Modelling of façade elements for the buildings
- Clash Coordination

- ► Visualization –Rendered Images & Walkthrough
- ► Model Extracted IFC drawings
- Model Extracted Coordinated Drawings
- ► QAQC Reports



# COMPLETED

**PROJECTS** 



# **TATA ARIANA**

**Project Name:** Tata Ariana

**Project Typology:** Residential Complex

**Project Location:** Kalinganagar, Bhubaneshwar,

Orissa, India







**Tata Ariana** is a premium residential apartment from the Tata group of builders in the **Kalinga Nagar** area of Bhubaneswar. The project is set on an area of 12 acres comprising total 12 towers, with 19 floors each and 1200 units.

The project is set beside the forest reserves, ensuring beautiful views from most of the units. The project is well designed, making the space homely, spacious and takes advantage of the views. There are amenities to match the luxury of each flat, which are constructed with top quality materials. A fully equipped gymnasium, children's play area, large swimming pool, mini theater, steam, sauna and spa are some of the amenities.





# **Project Scope:**

#### **BIM Documentation**

- ► BIM Execution Plan
- ► BIM Workflows

# **Shop Drawing (LOD 400):**

- ► BIM Document Management Systems
- Architectural BIM Modelling
- Structural BIM Modelling
- MEP BIM Modelling
- BIM Quantification BOQ Preparation Construction Scheduling
- Clash Detection & coordination
- ► BIM 3D Booklet
- ► Visualization Renderings / Walkthrough





#### **GODREJ - GREEN COVE**

**Project Name:** Godrej Green Cove

**Project Typology:** Residential, Commercial

**Mixed-Use Complex** 

**Project Location:** Nande, Balewadi Rd.

Mahalunge, Pune, India

# **Project Scope:**

- ► Development of BIM Execution Plan (BEP)
- Setup & Define BIM Workflows
- BIM Document Management Systems
- ► BIM Management
- ► BIM Clash Management
- BIM clash detection and coordination
- ► 4D/5D Integration
- Form work quantity
- ► BIM 3D Booklet



• **Godrej Green Cove** is constructed on 4.34 Acres, 4 Towers with G+22 Floors, 1 BHK, 2 BHK, 3 BHK premium residences in Nande - Balewadi Rd, Mahalunge, Pune.











# **ADANI WILMAR - HQ OFFICE**

**Project Name:** Adani Wilmar HQ office

**Project Typology:** Commercial

**Project Location:** Ahmedabad, Gujrat, India

The **Adani Wilmar HQ** building is organic in form and is characterized by tiered landscape terraces which provide a garden aspect to each office level. The building has achieved green mark gold plus for its energy usage and responds to its tropical climate with passive cooling effects through the continuous 2m projecting fins that adorn each office floor.

Manufactured **without harsh pollutants** and 100% recyclable, the terracotta fins provide shade onto the façade reducing solar gain and glare whilst also protecting it from downpours.

The landscape design promotes **biological diversity** of ecosystems, habitats and biomes and butterfly conservation has been encouraged through the enhancement of habitats and planting.







# **Project Scope:**

- ► Development of BIM Execution Plan (BEP)
- ► Setup & Define BIM Workflows
- ► BIM Document Management Systems
- ► Architectural BIM Modelling
- ► Structural BIM Modelling
- ► MEP BIM Modelling
- ► BIM Quantification BOQ Preparation
- ► Clash Detection & coordination
- ► Construction Documentation/Drawing Packages
- ► BIM 3D Booklet









#### **MAHINDRA VISTA**

**Project Name:** Mahindra Vista

**Project Typology:** Residential

**Project Location:** Mumbai, Maharashtra, India

**Mahindra Vista** is a premium residential tower by Mahindra Lifespaces, constructed on 10 acres of land parcel, 6 Towers with G+7P+33 floors having 1 BHK, 2 BHK, 3 BHK, 4 BHK premium residences with total 600 units of apartments. Towers are placed in a way that no apartments are facing each other, giving each apartment a lifetime open view.



## Some key Project highlights:

- ► 7.74 acres with a tower footprint of less than 12%
- ▶ 1.92 acres of landscaped greens on Mother Earth.
- Signature-designed Colonnade with an infinity-edge
- ▶ pool on a 1.6-acre landscaped podium
- ► State-of-the-art 28,000 sq. ft. biophilic-roof clubhouse





# **Project Scope:**

- ► Development of BIM Execution Plan (BEP)
- ► Setup & Define BIM Workflows
- ► BIM Document Management Systems
- ► Architectural BIM Modelling LOD 350
- ► Structural BIM Modelling LOD 350
- ► MEPF BIM Modelling LOD 350
- ► Clash Detection & coordination
- Construction Documentation/Drawing Packages
- ► BIM 3D Booklet











# **CERTIFICATIONS**

AND LICENSES



#### STATE OF QATAR MINISTRY OF INTERIOR General Directorate of Passport

دولة قطر وزارة الداخلية الادارة العامة للجوازات

<b>Establi</b>	shment Card	بطاقـة قيد المنشأة		
Est. ID	17-2635-10	رقم قيد المنشاة		
		اسم المنشأة: بي آي ام التصميم		
Est. Name :		B I M DESIGN		
Sector: SPEC	AL	القطاع: خاص		
First Issue :	2024-07-10	تاریخ اول اصدار:		
Expiry Date :	2025-07-10	تاریخ اول اصدار : 10-07- تاریخ الصلاحیــة : 10-07-		
ارة العامة للجوازات	مدير عام الاد			

	مفوضین Authorizers	
التوقيع	الاسم	رقم الوثيقة
<b>المتوقيع</b> آجلطين الما <sub>ك</sub>	JENNIFER DADOUR	28312400181
Rachette	رشاد ايلي شبلي	29442200283
Cards	Instruction عدد البطاقات	تطيمات
Whoever finds	نة ان يقوم يتسليمها الى اي مركز للشرطة this card should deliver it to any police stati :	<ul> <li>على من يجد هذه البطاق</li> <li>on.</li> </ul>

#### **▶** Establishment Card





07/08/2024

#### بطاقة ضريبية - TAX CARD

The General Tax Authority of Qatar certifies that the entity is registered as per the following details:

تشهد الهيئة العامة للضرائب في دولة قطر أن الجهة أدناه مسجلة حسب البيانات التالية:

رقم التعريف الضريبي 5006691737 مريبي

Taxpayer Name: بي أي إم التصميم B I M Design

Commercial Registration رقم السجل التجاري القطري : 200877 Number:

:Building منطقة: Zone: 55

Address [Headquarter]: Street: أشاّرع: ابن مسلم مسلم (المركز الرئيسي): أشاّرع: ابن مسلم (Opatar - علم المركز الرئيسي)

اعمال تنفيذ التصميم الداخلي - 4330601

Main Activity: 4330601 - التشاط الرئيسي: 4330601 - 4330601 التشاط الرئيسي: 4330601 - 4330601 التشاط الرئيسي:

لشكل القانوني: شركة ذات مسؤولية محدودة للت القانوني: للت Legal Form: Limited Liability Company

Activity Commencement

Activity Commencement 06/08/2024 تاريخ بدء النشاط: ما 20/08/2024 تاريخ بدء النشاط:

عدد الفروع: Registered Taxes: الضرائب المسجلة:

الضريبة على الدخل مسجل - 1,06/08/2024 - Registered - 06/08/2024

الهيئــة العامــة للضرائــب General Tax Authority

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#### ▶ Tax Card





Membership Certificate



# **CERTIFICATE OF APPROVAL**

This is to Certify that the Management System of

#### **BIM Design L.L.C**

Doha, Qatar.

has been assessed by Technical Standards Institute to the following Management System Standard:

ISO 9001: 2015

"Quality Management System" to the below applicable scope:

- 1. Engineering Design Works.
- 2. Building Information Modeling (BIM)

Certificate No: ICTQMS20245586 Issuance Date: 7th October 2024 Date of Expiry: 6th October 2027





► ISO 9001: 2015







#### **CERTIFICATE OF APPROVAL**

This is to Certify that the Management System of

# BIM Design L.L.C

has been assessed by Technical Standards Institute to the following Management System Standard:

ISO 45001: 2018

"Occupational health and safety (OH&S)" to the below applicable scope:

1. Engineering Design Works.

2. Building Information Modeling (BIM)

Certificate No: ICTOHS2024567 Issuance Date: 7th October 2024 Date of Expiry: 6th October 2027 Revision:









#### **CERTIFICATE OF APPROVAL**

This is to Certify that the Management System of

#### **BIM Design L.L.C**

Doha, Qatar.

has been assessed by Technical Standards Institute to the following Management System Standard:

ISO 14001: 2015

"Environmental Management System" to the below applicable scope:

1. Engineering Design Works.

2. Building Information Modeling (BIM)

Certificate No: ICTEMS20245433 Issuance Date: 7th October 2024 Date of Expiry: 6th October 2027









► ISO 14001: 2015

► ISO 45001: 2018

2024/12/16 No 1 of 1

تاريخ الطباعة: صفحة رقم:

Registration and Commercial Licenses Department



إدارة التسجيل والتراخيص التجارية

#### رخصة تجاربة



2024/08/06 تاريخ اصدار الرخصة: 266590 رقم الرخصة: تاريخ انتهاء الرخصة: الأسم التجارب: 2025/08/01 بي أي إم للتصميم نوع المنشأة التجارية: 200877 رقم السجل التجارب: شركة السمة التجارية:

#### بيانات المدير المسؤول :

رشاد ايلي شبلي اسم المدير المسئول: 29442200283 رقم الإثبات: جنسية المدير المسئول:

بيانات الموقع :

نموذج ختم المنشأة التجاربة : عقار رقم: تجاري تصنيف الموقع:

رقم الدور/ الوحدة: 10 مكتب تجاري نوع الموقع: اسم مالك العقار : كونكورد قطر 17 الهتمى المنطقة: نوع الرخصة : المعارف الشارع: CONCORD QATAR وصف العنوان : رقم الشارع :

الأنشطة التجاربة :

اسم النشاط رقم النشاط اسم النشاط رقم النشاط اعمال تنفيذ التصميم الداخلي 4330601



مدير إدارة التسجيل والتراخيص التجارية

#### **▶** Commercial Permit





# **▶** Commercial Registration Data

Qatar Chamber certifies that the above mentioned establishment has been registered

## **▶** Commercial Registration Data

# **Why Choose Us?**

- Comprehensive Expertise: Decades of experience in BIM processes and technologies
- 2. Multi-Disciplinary Team: Skilled professionals across all BIM disciplines
- 3. **Proven Track Record:** Successful delivery of high-profile projects globally
- **4. End-to-End Solutions:** Support from project inception to post-construction

# ငြံ္ညဲ Our Approach

#### Client-Centric Solutions

We understand that every project is unique, and we tailor our services to meet the specific requirements of each client

#### Collaborative Workflows

Our focus on collaboration ensures smooth communication between stakeholders, minimizing delays and reducing costs

## Cutting-Edge Technology

We leverage the latest BIM software and tools, ensuring our clients benefit from industry-leading technologies



# THE END THANK YOU FOR YOUR BUSINESS







