



Engineering Design, BIM & Coordination



About BIM Space

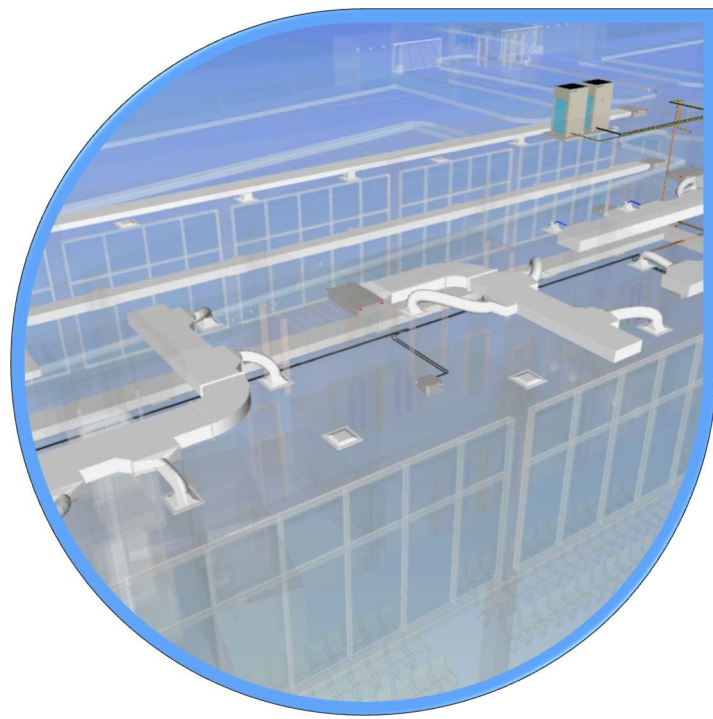
Welcome to BIM Space, a building design and BIM consultancy based in Thane, Maharashtra. We work on commercial, residential, industrial, and data center projects across multiple disciplines under one roof.

Our scope includes architectural, structural, MEP, fire protection, and BIM coordination services. Clients work with us when they need a coordinated building model and design process instead of handling separate consultants for each discipline.

We focus on practical design coordination, clear documentation, and accurate BIM workflows that support project delivery from design development through construction documentation.

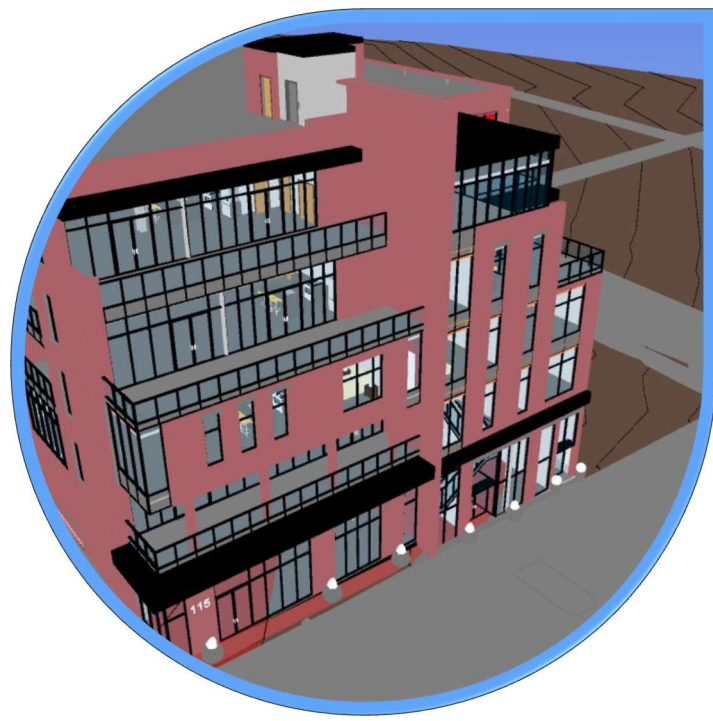
Our team works using Autodesk® Revit and BIM-based workflows to develop coordinated models, identify clashes between systems, and support smoother execution during construction.

In large building projects, coordination between disciplines directly affects time, cost, and site execution. Our role is to support that coordination process through structured modelling, documentation, and system integration.



| What We Do

- ⤴ **Engineering Documentation:** We prepare engineering documentation required during design and approval stages of projects. This includes design basis reports, adequacy reports, calculations, coordinated drawings, and supporting technical documentation across multiple building systems.
- ⤴ **Planning & Design:** Our scope includes planning and design support for architectural, structural, MEP, and fire protection systems. We work on coordinated layouts and system planning with consideration for project requirements and multidisciplinary coordination.
- ⤴ **BIM Services:** We use Autodesk® Revit to develop coordinated BIM models and construction documentation for commercial, residential, industrial, and data center projects. Our BIM workflows help identify clashes between systems and support smoother coordination during design and construction stages.
- ⤴ **Services:**
 - **Architectural & Structural**
 - **MEP Systems**
 - **Fire Protection Systems**
 - **Scan to BIM & CAD to BIM**
 - **Clash Detection**
 - **Sheet Production and Detailing**

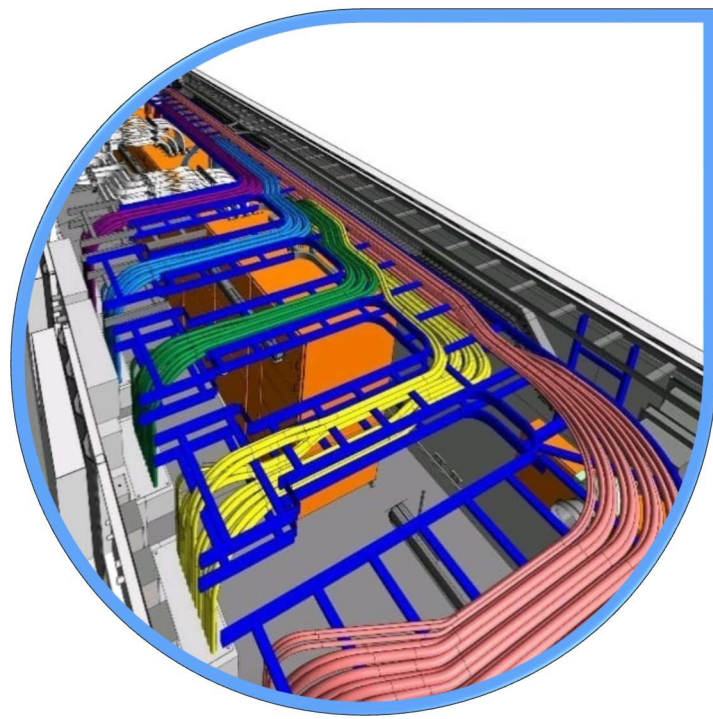


Architectural & Structural

BIM Space provides architectural and structural BIM support for commercial, residential, industrial, and data center projects. Our work includes development of coordinated 3D models, design documentation, and drawing production based on project requirements.

We prepare architectural and structural models using Autodesk® Revit with focus on coordination, model accuracy, and construction documentation. Our scope includes floor plans, sections, elevations, structural framing models, detailing, and sheet preparation.

The architectural and structural models are developed in coordination with MEP and fire protection systems to support smoother project execution and reduce coordination

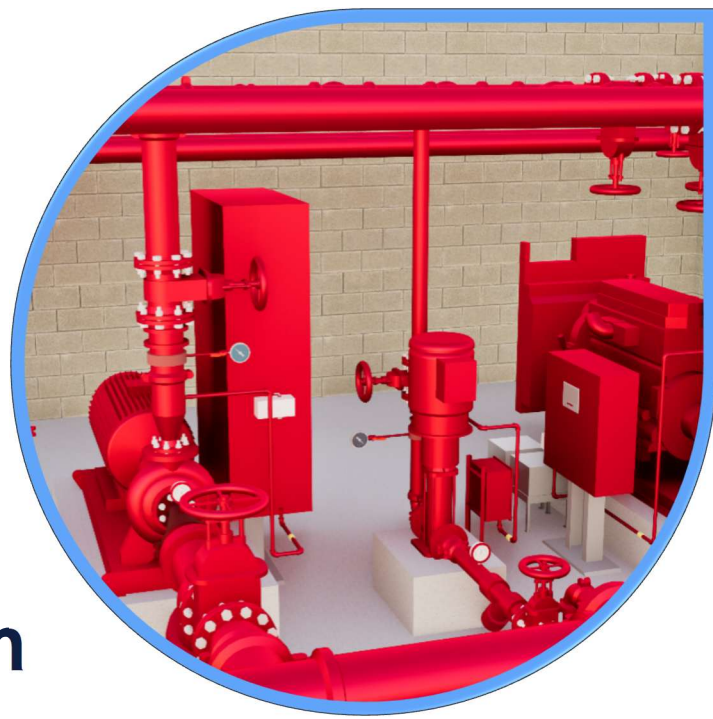


MEP Systems

BIM Space provides MEP modelling and coordination services for mechanical, electrical, plumbing, and fire protection systems. Our scope includes development of coordinated BIM models, design documentation, and construction drawings for building services across multiple project sectors.

We develop MEP models using Autodesk® Revit with focus on system coordination, routing, space management, and construction documentation. Our work includes HVAC systems, electrical layouts, plumbing networks, and fire protection systems integrated within the overall building model.

The MEP models are coordinated with architectural and structural disciplines to identify clashes between systems before construction stages. This helps improve coordination on site and supports smoother installation workflows.



Fire Protection System

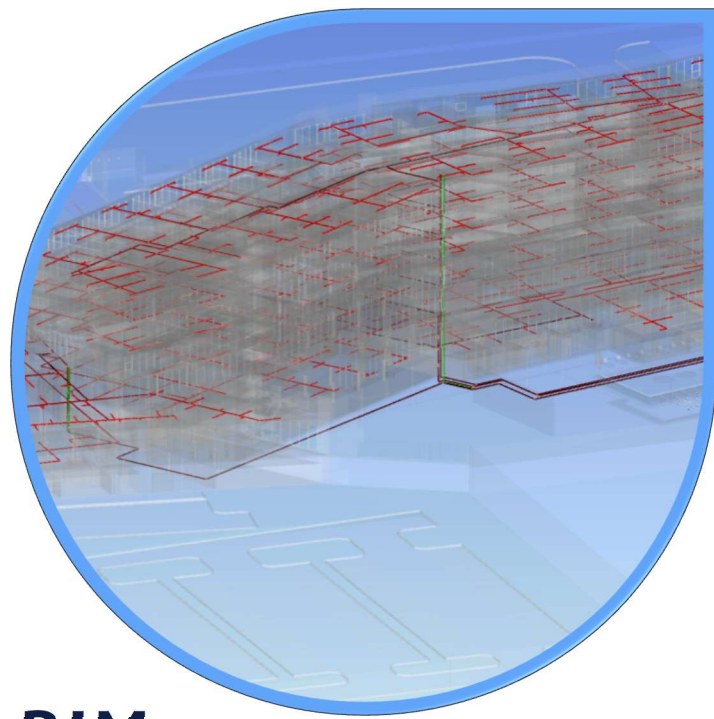
BIM Space provides design support and BIM coordination services for fire protection systems across commercial, residential, industrial, and data center projects.

Our scope includes fire-fighting systems, gas suppression systems, aspirating smoke detection (ASD) systems, and fire alarm systems. We develop coordinated BIM models, layouts, and construction documentation based on project requirements and system coordination needs.

Using Autodesk® Revit, we prepare coordinated fire protection models integrated with architectural, structural, and MEP services. This helps identify routing conflicts, space coordination issues, and installation challenges during design stages.

System Types:

- ⚡ Fire Fighting Systems
- ⚡ Gas Suppression Systems
- ⚡ Aspirating Smoke Detection (ASD) Systems
- ⚡ Fire Alarm Systems



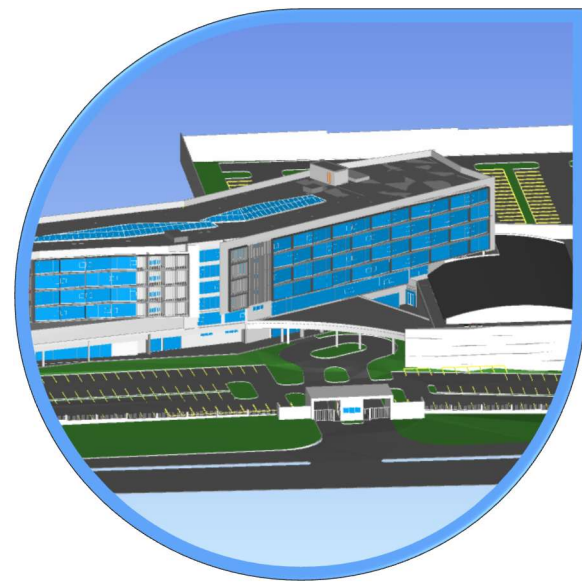
Scan to BIM & CAD to BIM

BIM Space provides Scan to BIM and CAD to BIM services for existing buildings, renovation projects, and design coordination requirements.

Our Scan to BIM services involve development of accurate BIM models from point cloud data captured through laser scanning. The models are prepared based on available scan data and project requirements for architectural, structural, and MEP systems.

We also convert 2D CAD drawings into coordinated BIM models using Autodesk® Revit. This includes development of 3D models, construction documentation, and coordinated project drawings from existing CAD information.

These services support renovation projects, facility upgrades, design coordination, and BIM-based project workflows where existing building information needs to be converted into an organized digital model.

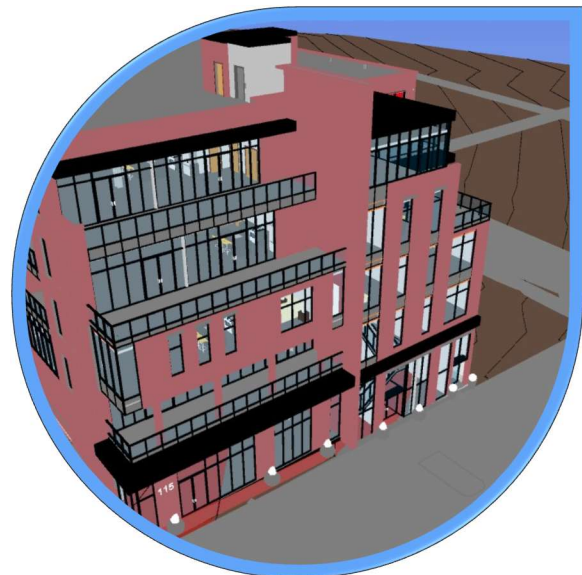


Business Centre, USA

Mixed-use commercial development involving architectural, HVAC, plumbing, and fire protection modelling. The scope included coordinated BIM development and construction drawing production across multiple disciplines to support project execution.

Condominiums & Retail Hotel, USA

Residential and retail development project involving fire protection system modelling, coordination, and construction drawing production. The scope focused on developing coordinated layouts aligned with project requirements and multidisciplinary integration.



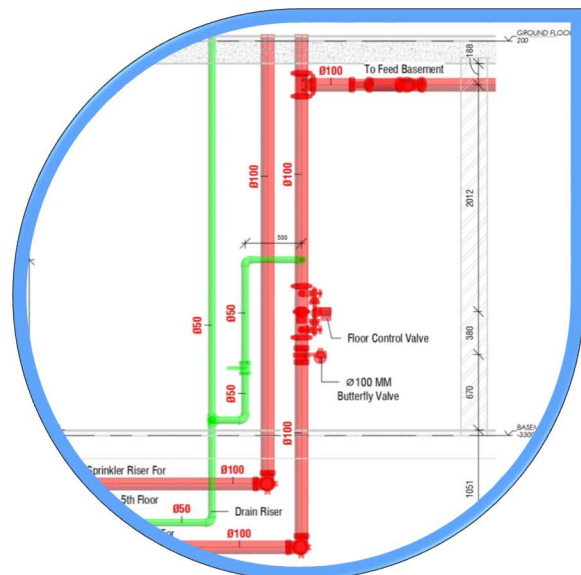


Gas Suppression System, India

Project involving gas suppression system modelling, coordination, and construction drawing production. The scope included development of coordinated layouts aligned with project requirements and integration with other building services.

High Rise Residential Building, Mumbai

High-rise residential project involving fire-fighting system modelling, hydraulic calculations, and construction drawing production. The scope included coordination with architectural and building service disciplines to support system integration and execution.





Scan to View Our Portfolio



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