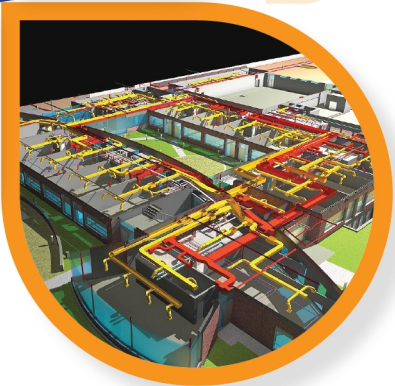


BIM for MEP Contractors



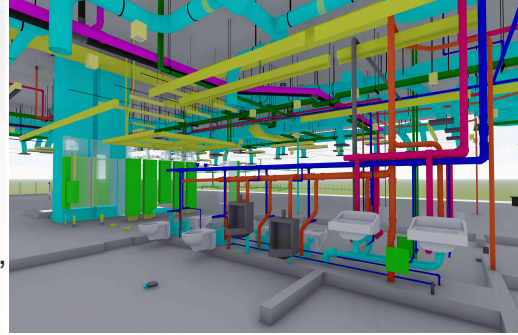
At BIM Collaboration, our goal is to be the preferred BIM partner for mechanical, electrical, and plumbing contractors. To achieve this goal, we help our clients create and examine virtual representations of the Mechanical, Electrical, and Plumbing (MEP) systems in simulated 3D construction models. We engage with clients at early stages of the conceptual and schematic design phase to understand design intent and create detailed visualization generating coordinated drawings. By implementing our Building Information Modeling (BIM) workflows, our clients have been able to eliminate rework and reduce project interruption thereby saving both time and money in project cost. BIM Collaboration brings in 15+ years of globally experienced engineers and designers with more than 800+ successfully implemented BIM projects with an understanding of international building codes and procedures.

BIM Services for MEP-FP Contractors

(Mechanical, Electrical, Plumbing & Fire Protection)

3D Model Coordination

3D coordinated models are generated after resolving the clashes among all trades (Architectural, Structural, Concrete, Mechanical, Electrical, Plumbing, Fire Protection). It is resolved by re-routing utilities, re-sizing, and changing elevations.

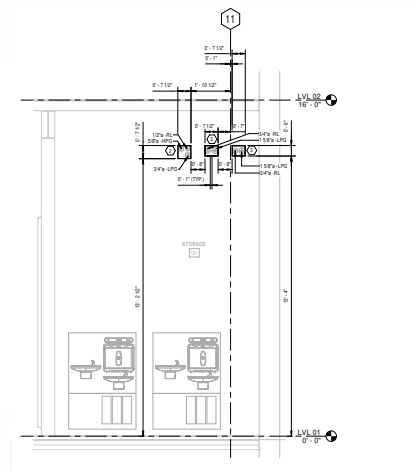


Quantity Take-Off (Bill of Material)

3D Models assist in accurately estimating quantity information. Bill of Material (BOM) is software generated and automatically updates with changes in the model. It can be detailed and tabulated as per client's requirement for procurement, fabrication, or installation. Bill of Material reports can be formatted in MS Excel and exported to any database for detailed analysis.

Block-out/Penetration Drawings

Block-out Drawings are created from coordinated BIM Model after proper alignment with architectural grids. Contract documents and construction codes are followed to keep required clearances for block-outs.



Fire Protection

Provide 3D Modeling, Shop Drawings, and Fire Fighting design validation considering the NFPA standards.


Equipment Pad Layout

BIM Model provides accurate Equipment Pad Layout which ensures proper installation of MEP equipment with access clearance.

Spool Drawings

Generate accurate spool drawings from 3D models for pre-fabrication on-site or off-site following contractor's pre-fabricating standards and preferences.

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