

## Focus on Innovation & Future

We're not just using BIM, we're pushing its boundaries. At The BIM Engineers, we combine cutting-edge technology with unparalleled expertise to deliver innovative BIM solutions that transform how buildings are designed, constructed, and managed. From concept to completion, we empower our clients with data-driven insights, optimized workflows, and sustainable practices.



### Services Offered by **TBE**

#### BIM/VDC SERVICES FOR AEC INDUSTRY

- 3D BIM Modeling
- Clash Coordination
- **Fabrication Drawings**
- **Interior Design**
- Scan To BIM
- Plant Engineering
- Builder's Work & Hanger Drawings
- Trimble Field Points
- P&ID and Smart Schematics
- Shop Drawings
- Steel, CFS Modeling and Detailing

- Design Validation
- Constructability Review
- Value Engineering
- Landscaping
- Template & Family Creation
- Energy modeling and analysis
- 3D Rebar Detailing
- Structural Analysis Facility
- Management Integration
- 4D/5D Simulation Quantity

IES VE

eQUEST

**TRANE TRACE 700** 

**HOURLY ANALYSIS** 

PROGRAM

DIALux

AGi32

CADS RC

Takeoff/ BOQ & MTO



AUTODESK REVIT

**NAVISWORKS** 

ADVANCE STEEL



RECAP PRO



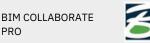
**TEKLA** 



ARCHICAD



**MICROSTATION** 









**AECOSIM** 



3DS MAX



AUTOCAD

AUTOCAD MEP



**SKETCHUP** 



**AUTOCAD PLANT 3D** 



ALLPLAN



**AUTODESK** CONSTRUCTION CLOUD



**TWINMOTION** 



CIVIL 3D



**INVENTOR** 



LUMION



**SYNCHRO** 



**PRIMAVERA** 



**BIM TRACK** 



SOLIBRI



**DYNAMO** 



**BLUEBEAM** 



**REVITZO** 



**PROCORE** 



Rebar CAD



**RGS REBAR** 

# Masters of Digital Construction

We are passionate about harnessing the full potential of BIM. Our team of highly skilled BIM specialists possesses deep technical expertise and a thorough understanding of industry best practices. We utilize the latest software and technologies to deliver comprehensive BIM solutions tailored to your unique project requirements.



### INDUSTRIES SERVED

We deliver expert BIM solutions across all industries: Industrial, Infrastructure, Commercial, Residential, and specialized sectors



### BIM FOR VARIOUS STAKEHOLDERS

We provide BIM solutions for Owners, Architects, Engineers, Contractors, Facility Managers, and Manufacturers, ensuring seamless project collaboration and efficiency



#### **DATA MANAGEMENT**

IFC, COBie, BCF, CDE, Data
Validation (QA/QC), Model
Coordination, Clash Detection,
Data Security and Access Control
Protocols & Resolution

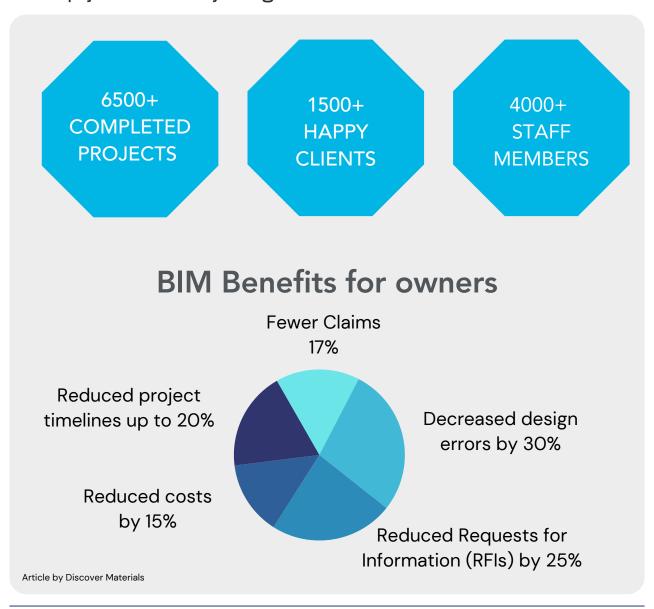


#### **BIM STANDARDS**

ISO 1965O, AIA Standards, BS PAS 1192, NBIMS-US, DIN EN ISO 1965O, AS ISO 1965O, Singapore BIM Standards, CAN/CSA S50O series, and more

### Our Proven Track Record

We leverage cutting-edge technology and industry best practices to deliver comprehensive BIM solutions tailored to your specific needs. From concept to completion, we empower you with data-driven insights, optimized workflows, and sustainable building practices. Whether you're working on a small-scale development or a large-scale infrastructure project, The BIM Engineers have the expertise and resources to help you achieve your goals.



### **Our Projects**

#### **Modera Central Avenue**

Location: Arizona, USA

Project Type: Multi-family residential building with a wooden structure and concrete garage floors.

#### Scope Of Work

- MEPF Modeling and Coordination @LOD300
- Clash Detection and Coordination
- Coordination Meetings
- Constructability Review
- Compliance with Industry Standards



Revit

Navisworks

Solibri

Recap

AutoCAD

#### **Mass Rapid Transit Station**

Location: Kuala Lumpur, Malaysia

Stations: 35

Duration: 18 month

#### Scope Of Work

- 3D Modeling @LOD400 (ASMEP)
- Clash Coordination
- Shop Drawings @LOD400
- Hanger & Support Placements
- CSD & Asset management
- Builder's Work Drawings



Revit

Navisworks

Dynamo

BIM360

AutoCAD

#### **RH Palo Alto Gallery**

Location: California, USA

Project Type: High-end commercial gallery with intricate plumbing system requirements.

#### Scope Of Work

- Plumbing System Modeling and Coordination
- Complex Plumbing Design Integration
- Compliance with Industry Codes and Standards
- MEP Trade Clash Coordination



Revit

Navisworks

Fabrication

AutoCAD

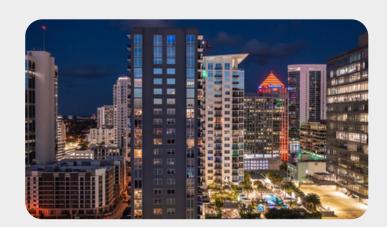
### **Our Projects**

#### **RAM Realty**

Location: Florida, USA Project Type: Residential and commercial development requiring precise MEP integration.

#### Scope Of Work

- MEP Modeling @LOD300
- MEP, Structural, and Architectural Coordination
- Clash Detection and Resolution
- Project Coordination Meeting Participation



Revit

Navisworks

Dynamo

BIM360

AutoCAD

#### 10MW St. Louis Data Centre

Location: St. Louis, USA Project Type: Data Centre

#### Scope Of Work

- MEP Modeling and Coordination
- Clash Detection and Resolution
- Electrical Power Distribution Modeling and Coordination
- Cooling System Modeling and Coordination
- Constructability Review



Revit

Navisworks

AutoCAD

Revitzo

#### Mall Of The Netherlands

Location: Netherlands, Europe

Area: 117,000 Sq. m.

Project Type: Commercial Development

#### Scope Of Work

- BIM Execution Planning
- BIM Process Documentation
- 3D Modeling @LOD400 (ASMEPF)
- Clash Coordination
- Hanger & Support Placements
- Shop Drawings @LOD400
- Constructability Review



Revit

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Dynamo

BIM360

AutoCAD

### Global Footprint



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