BIM Modeler-

Building Information Modeling (BIM) modelers play a crucial role in the construction and architecture industry by creating digital representations of buildings and infrastructure. Their responsibilities may vary depending on the specific project, but here are common roles and responsibilities of a BIM modeler.

Model Creation and Data Input-

Develop detailed 3D models for MEP Services using BIM software (e.g. Revit, ArchiCAD).

Ensure accuracy and completeness of the digital representation, including all relevant components and details.

Input and manage data associated with building components, materials, and

systems. Ensure that the BIM model contains accurate and up-to-date

information.

Collaboration-

Collaborate with Sr. Modeler, engineers and Team Leads to understand project requirements.

Coordinate and integrate models from different disciplines to create a comprehensive BIM

model. Standards Adherence- Adhere to industry standards and best practices in BIM

modeling.

Stay updated on the latest developments and advancements in BIM

technology. ## Clash Detection-

Use clash detection tools to identify and resolve conflicts between different building systems and components.

Collaborate with other team members to address clashes and ensure a clash-

free model. ## Communication-

Communicate effectively with project team members to ensure a smooth flow of information.

Quality Control- Conduct regular quality checks on BIM models to identify and resolve any discrepancies or errors.

Documentation-

Generate 2D drawings and documentation from the 3D BIM model for construction, fabrication, and coordination purposes.

Create schedules and reports based on the data embedded in the BIM model.