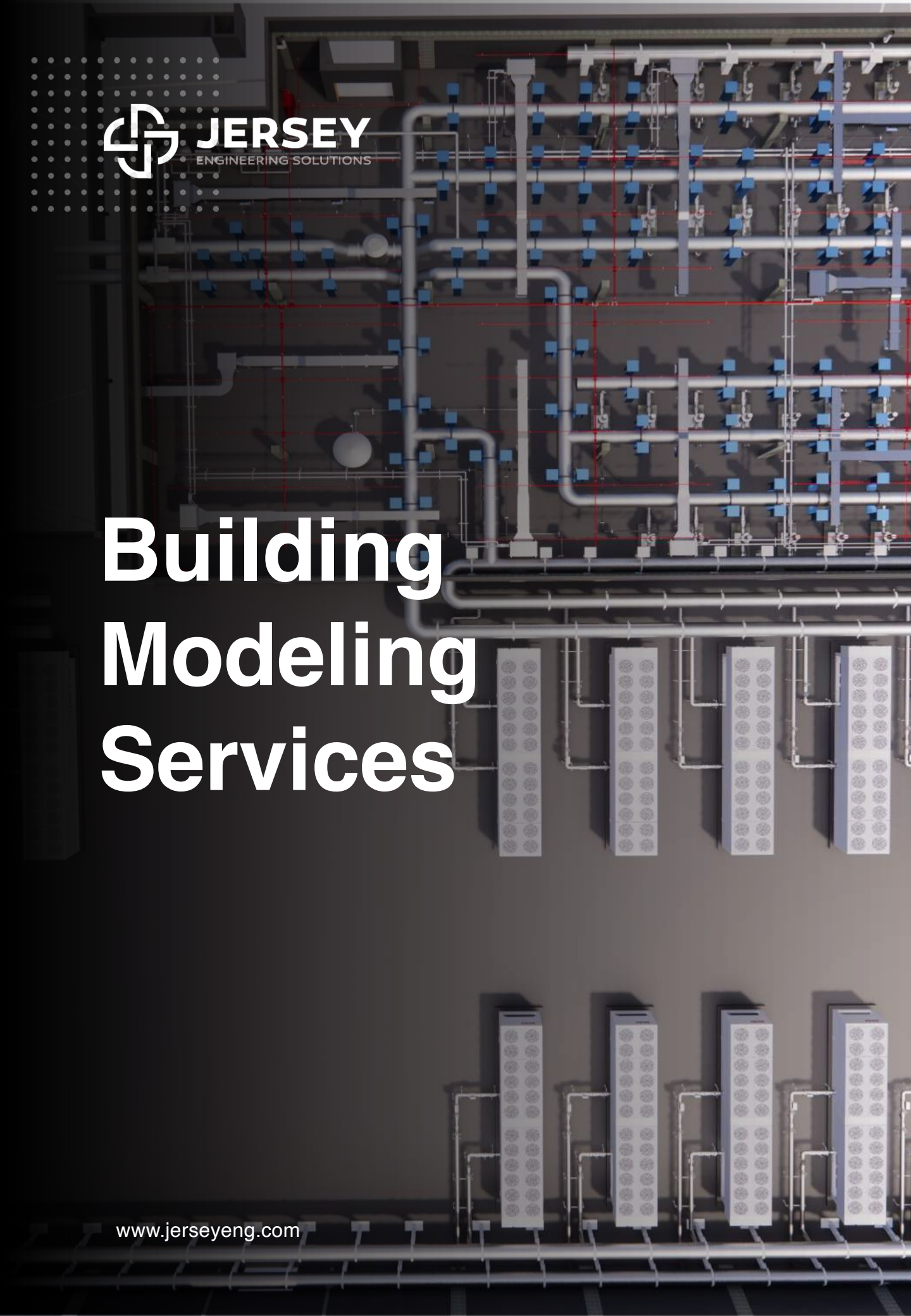
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Unlocking Engineering Possibilities

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Helping the MEP industry, mechanical reps & design build contractors, by freeing them to be their best

We've combined US based engineering expertise and industry specific experience with our 200 plus professional team of engineers in India and Qatar who skillfully manage your engineering design related workload so that your organization can cherish the much needed freedom to explore a new world of possibilities.

05 +

LOCATIONS

Our services are distributed across 5 countries making us truly international.

08 +

EXPERIENCE

Leadership team with a solid five decade plus HVAC market experience & eight plus years in the service industry.

200 +

STRENGTH

Our team comprises of over 200+ skilled professionals from different engineering fields.

13,000 +

SERVICES

We have completed more than 13,000+ projects across the World.

BIM MODELING

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Building Information Modeling (BIM) employs different levels of detail (LOD) to categorize the extent of development and detailing within a BIM model. These levels help define the granularity and sophistication of information contained in the model at various stages of the project.

LOD 100 - CONCEPTUAL DESIGN

- LOD 100 represents the most basic level of BIM modeling.
- It includes conceptual information, basic geometry, and overall project massing.
- Used in the early stages of design to communicate the project's basic form and concept.

LOD 200 - SCHEMATIC DESIGN

- LOD 200 involves more developed elements than LOD 100.
- It includes approximate sizes, shapes, and locations of building elements.
- Used in the schematic design phase to visualize the project and assess its feasibility.

LOD 300 - DETAILED DESIGN

- LOD 300 provides a more detailed representation of building elements.
- It includes accurate geometry, sizes, shapes, quantities, and relationships between components.
- Used during the detailed design phase for coordination and construction documentation.

LOD 400 - FABRICATION & ASSEMBLY

- LOD 400 is highly detailed and suitable for fabrication and assembly purposes.
- It includes precise geometry, specific product information, and assembly details.
- Used for manufacturing, fabrication, and assembly of building components.

LOD 500 - AS-BUILT MODEL

- LOD 500 represents the highest level of detail, capturing actual installed elements and accurate as-built conditions.
- It includes precise geometry, product data, and operational information.
- Used for facility management, maintenance, and renovation purposes post-construction.

AUTODESK AUTOCAD | AUTODESK REVIT | BLUEBEAM A NEMETSCHEK COMPANY

LOD300 Detailed Design

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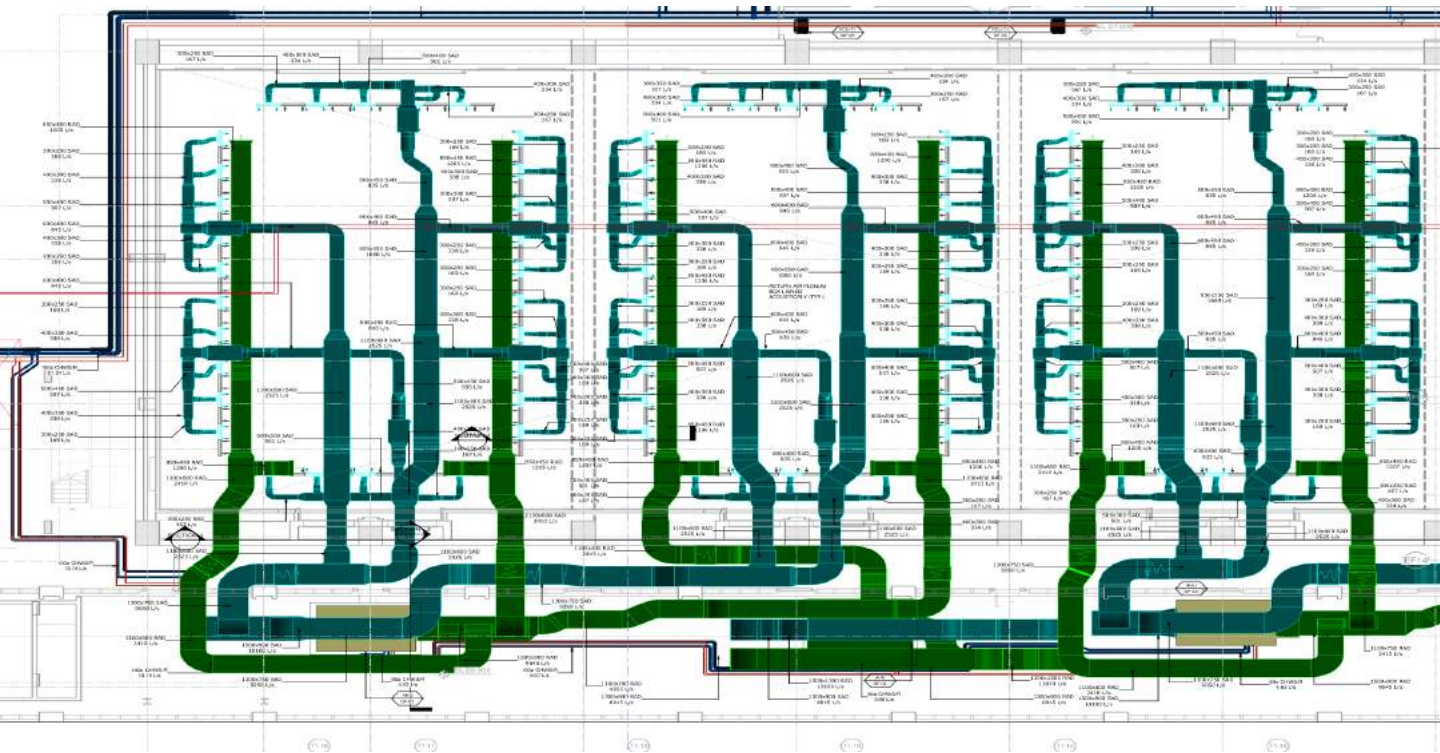

LOD400 Fabrication & Assembly

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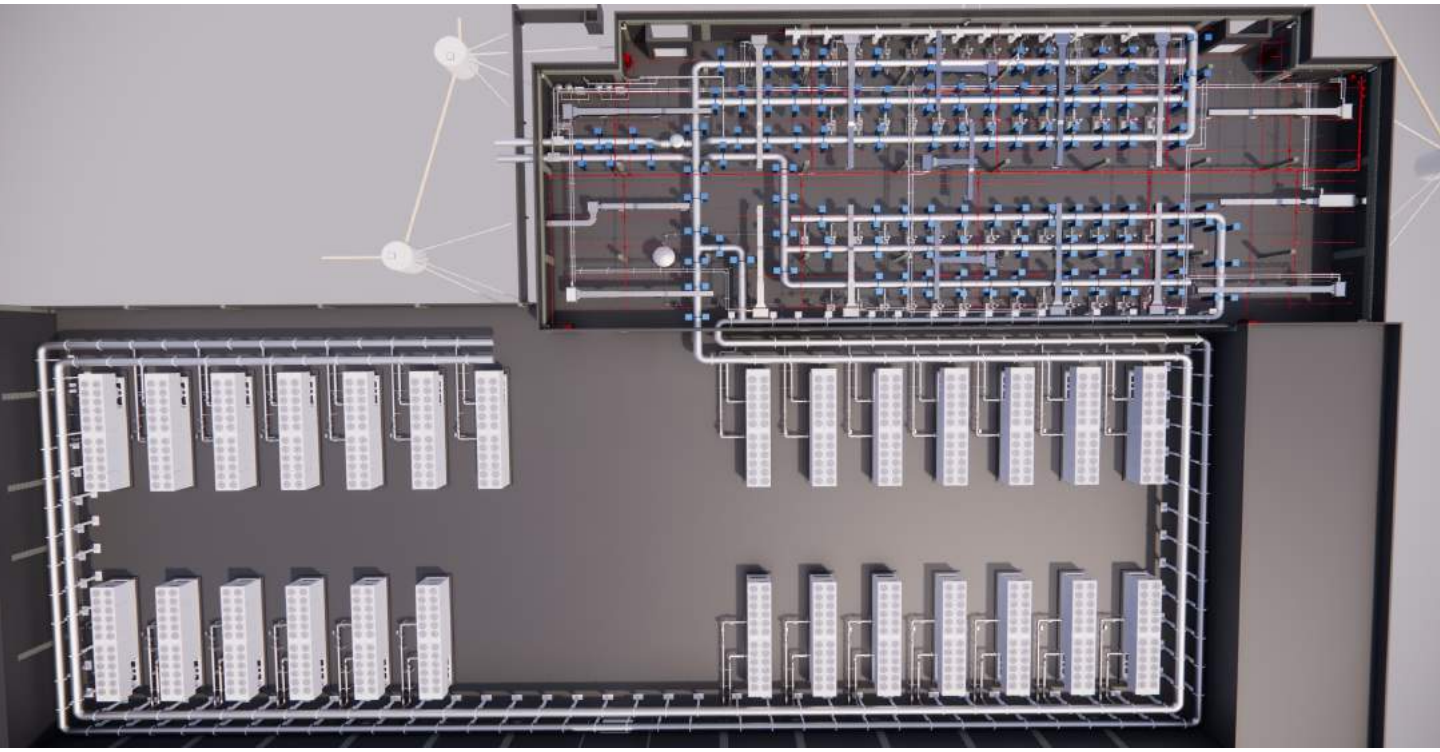

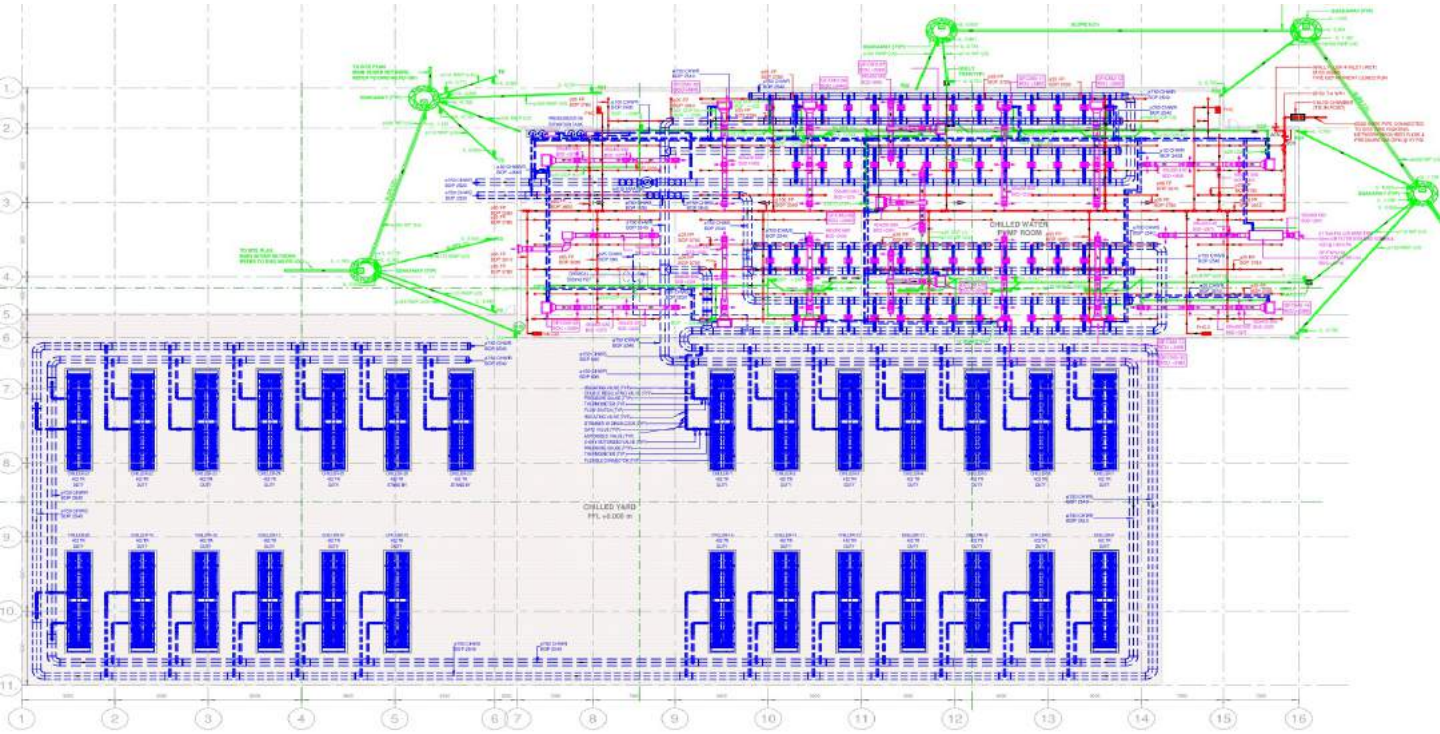

LOD500 As-Built Model

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It includes precise geometry, product data, and operational information used for facility management, maintenance, and renovation purposes post-construction.

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