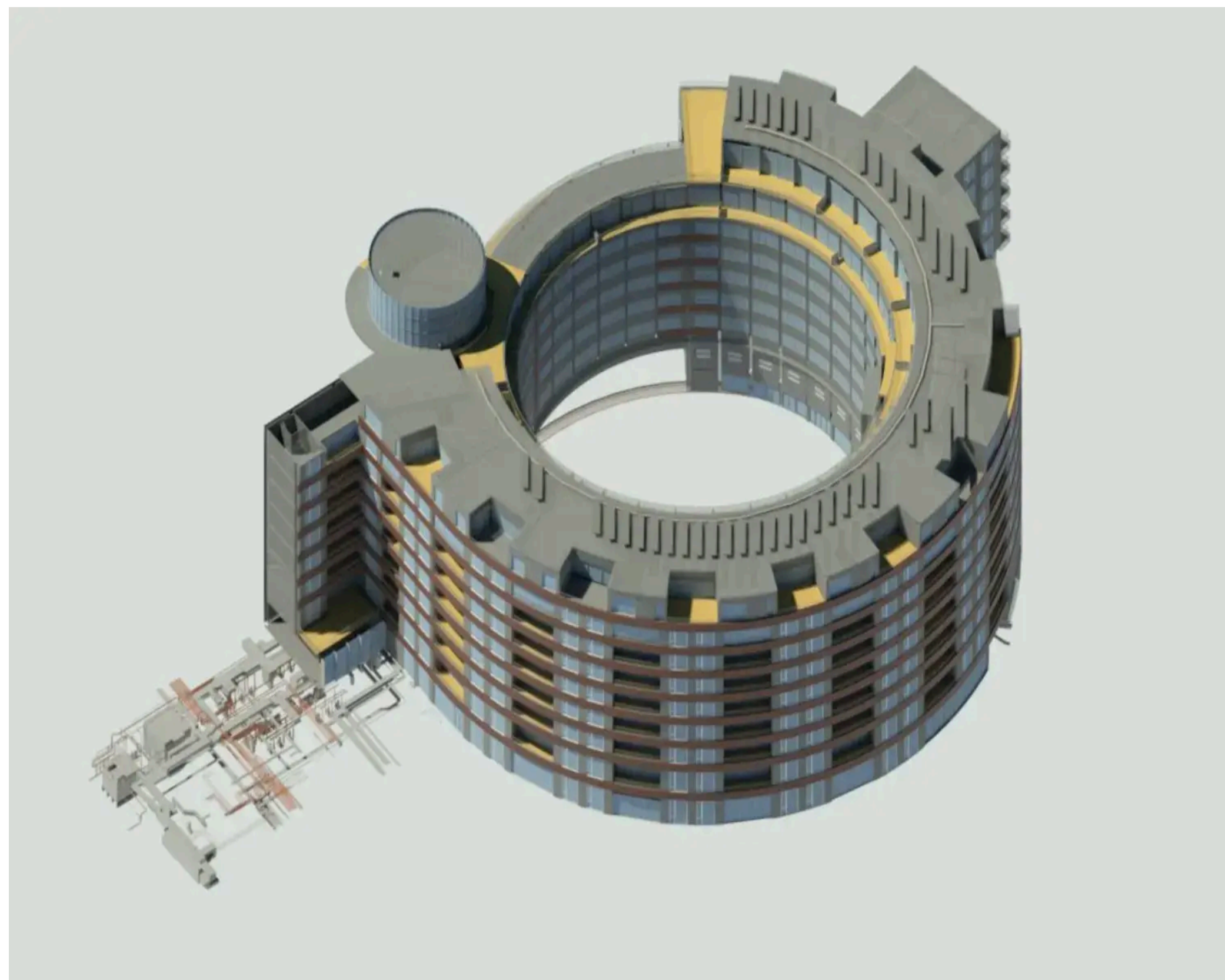


MEP BIM Modeling and BIM Coordination for TVC Tower, UK

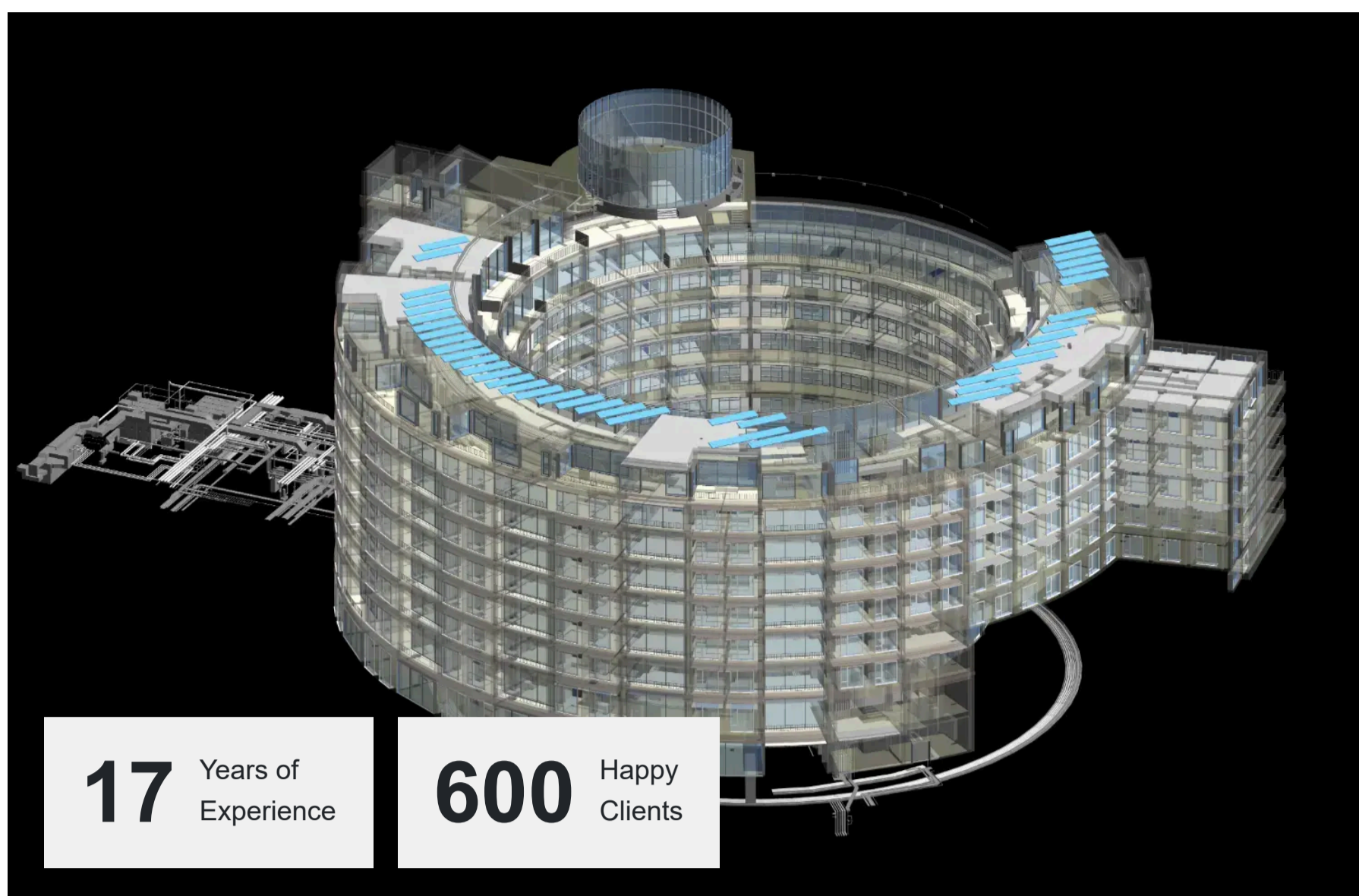


Project Details

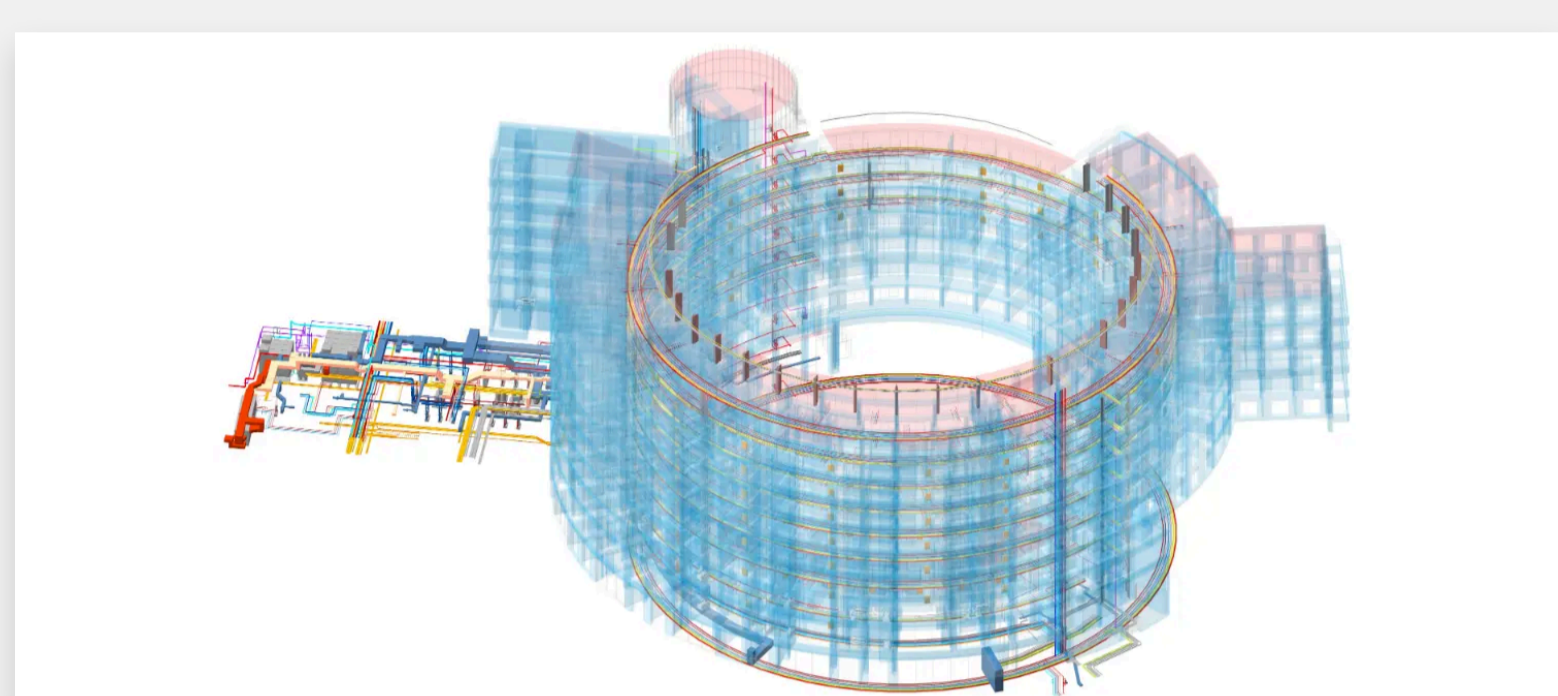
- Location**
London, UK
- Type of Building**
Commercial and Media (Studios, Offices, Engineering, News Centre)
- Area**
700,000 sq. ft.
- Structure**
8 Floors above ground, Roof, 2 Basements
- Project Timeline**
300 working days
- Effort**
6000 man-hours
- Team Size**
Dedicated BIM Modelers, Architects, and a Project Manager

Project Summary

Tesla Outsourcing Services developed a complete **BIM Coordinated model** for the **TVC Tower** in London. The client, a well-known onsite construction company in the UK, required a highly detailed model built from scratch. The facility spans 700,000 square feet. We successfully completed the Architectural, Structural, Mechanical, Electrical, and Plumbing models within the required schedule.



Scope of Work

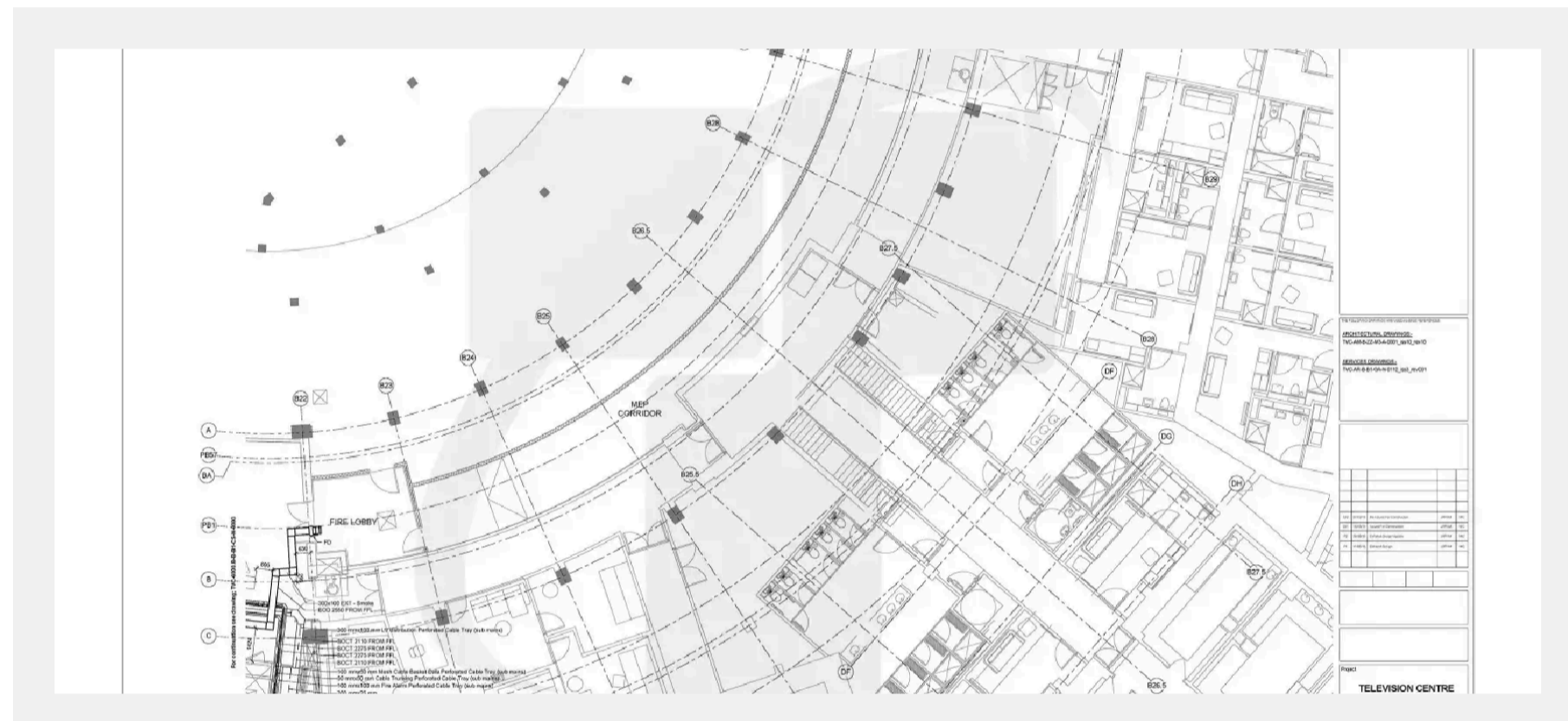
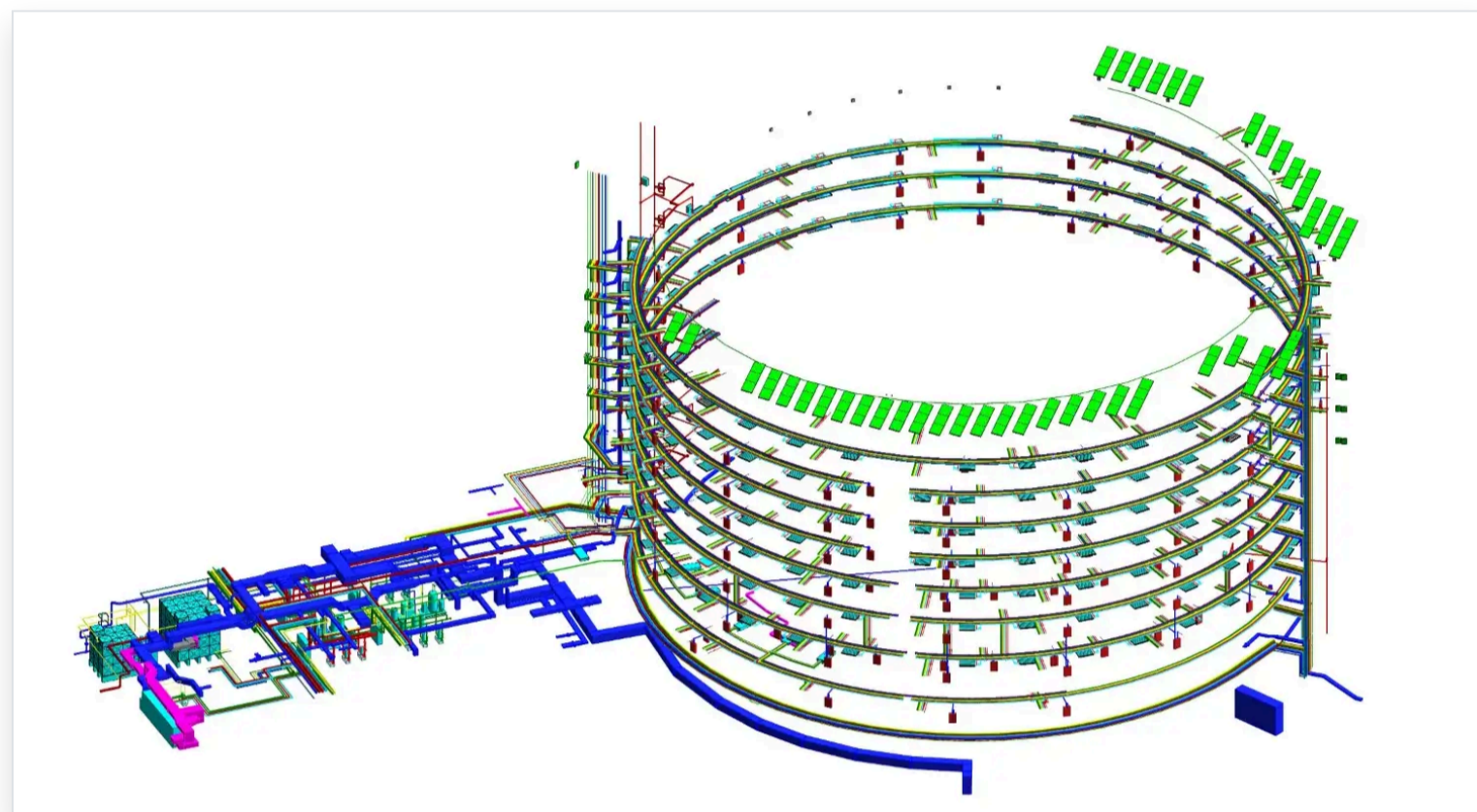


- MEP BIM Modeling from scratch based on client inputs.
- Architectural and Structural Revit Modeling.
- Comprehensive MEP Coordination across all disciplines.
- Generation of accurate MEP Installation Drawings.

Project Execution and Coordination

We assigned a dedicated team of 20 BIM engineers to this challenging project. Ten technicians focused on building the detail-rich Architectural and Structural models. The remaining ten technicians developed the complex Mechanical, Electrical, and Plumbing systems. We created these models in phases using the provided input drawings.

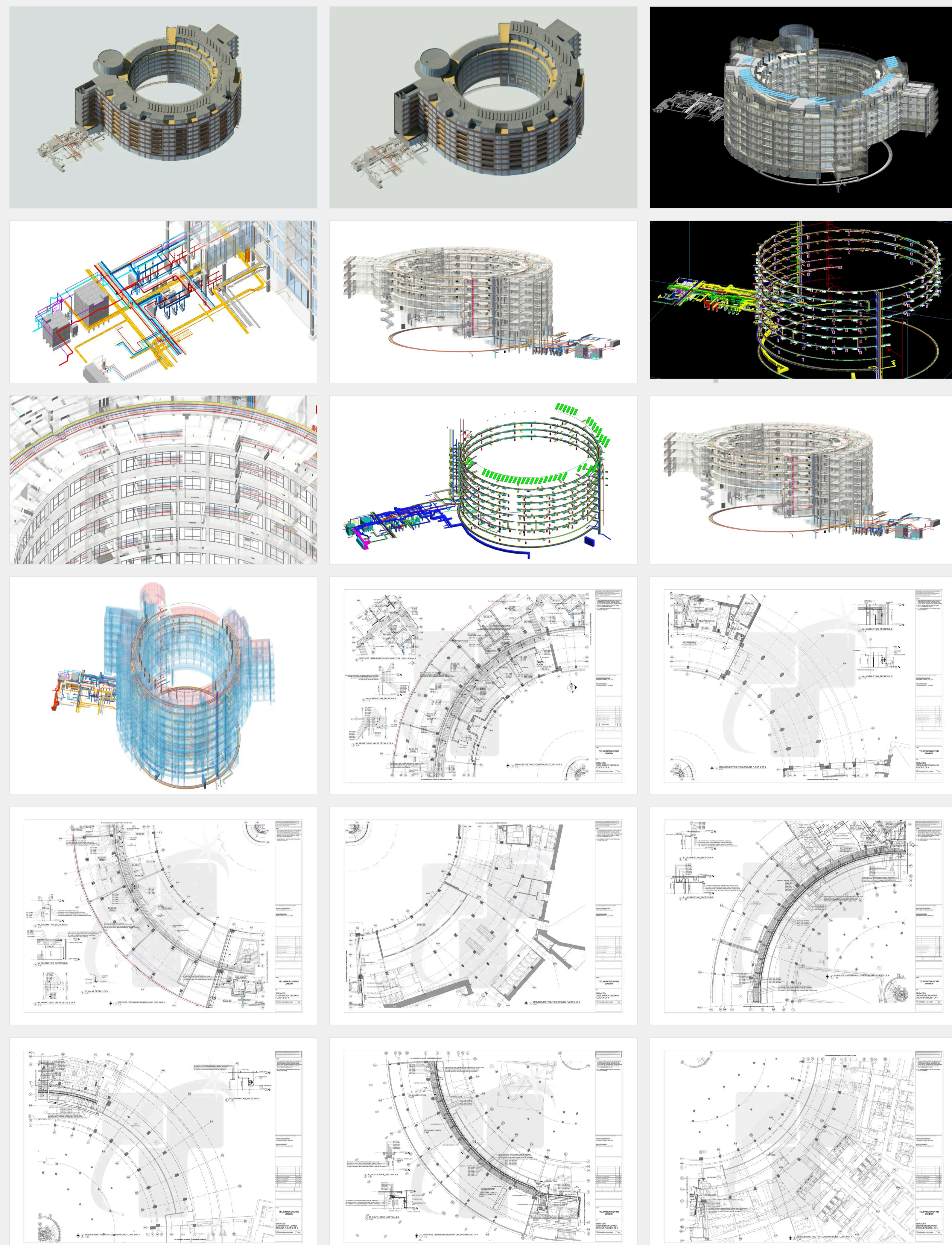
Once modeling was complete, our team performed rigorous clash detection. We successfully coordinated the MEP services with the architectural and structural disciplines to resolve all spatial conflicts before construction.



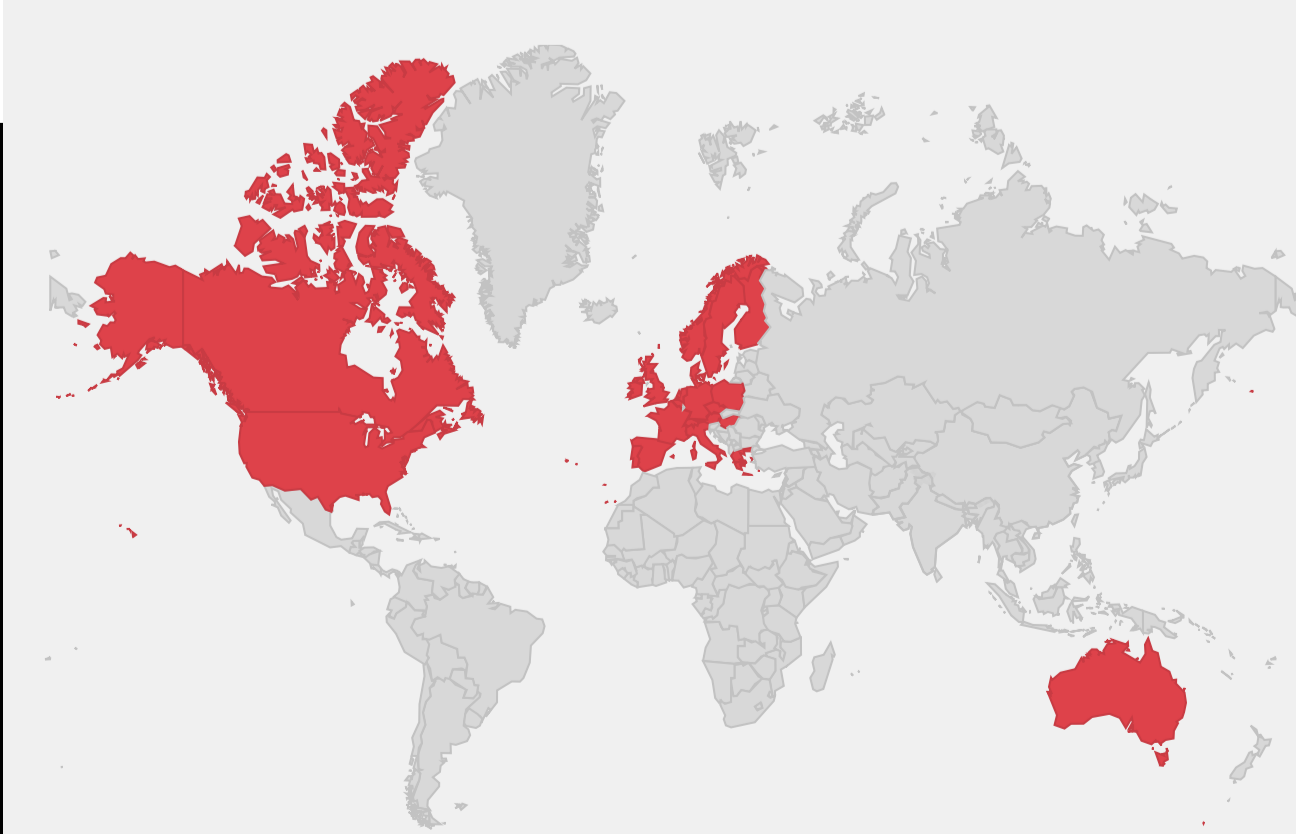
Final Deliverables

- Coordinated 3D MEP Model
- Architectural and Structural Revit Models
- Coordinated MEP Installation Drawings with Architectural Backgrounds

Project Gallery



We Serve Globally



- Australia**
- Austria**
- Belgium**
- Denmark**
- France**
- Germany**
- Ireland**
- Italy**
- Netherlands**
- Norway**
- Poland**
- Portugal**
- Spain**
- Sweden**
- Switzerland**
- UK**
- Canada**
- Mexico**
- USA**
 - California
 - Colorado
 - Connecticut
 - Florida
 - Georgia
 - Illinois
 - Louisiana
 - Massachusetts
- Minnesota**
- New Jersey**
- New York**
- Oregon**
- Pennsylvania**
- Tennessee**
- Texas**
- Utah**