

First Level

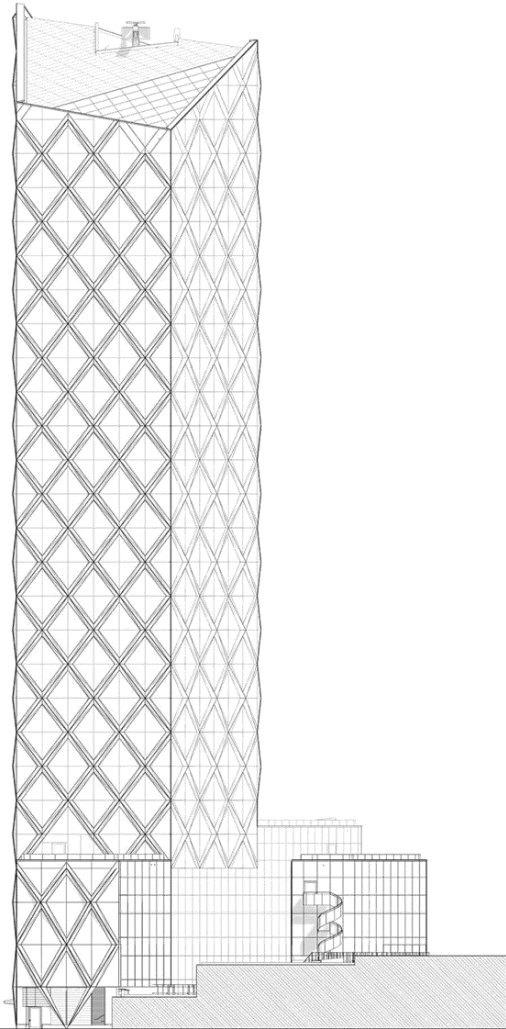
Foundation to BIM (LOD 0 -100)



Schematic drawings (LOD 0)

Create a 3D model of a building with multiple stories.

8 Hours



Stage 1

Tasks:

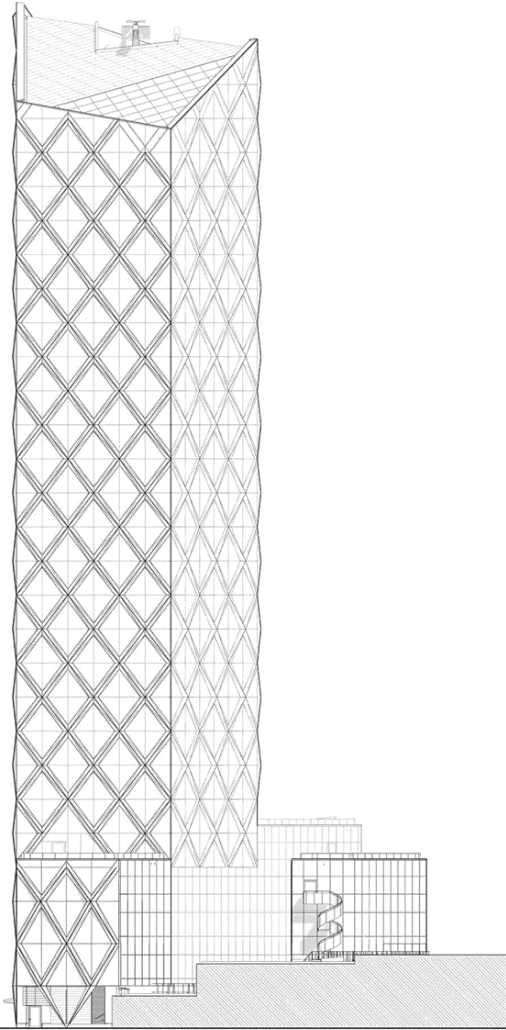
- Complete Project setup (Units, Dimensions, Levels, Locations). (0.5 HOUR)
- Making Architectural Building Elements for each floors (Wall, Slab, Doors, Windows, Objects, Stairs, Railings, Curtain walls). (3 HOURS)
- Create zones and details. (0.5 HOUR)
- Creating a Master Layout and floor plan layouts in Archicad (title block and autotext). (1 HOUR)
- Creating schedule of zones. (1 HOUR)
- Publishing Schematic drawings and zones. (1 HOUR)
- Conceptual sketches including circulation plan. (0.5 HOUR)
- 2D drawings floor plans elevations sections including levels. (0.5 HOUR)

Note: Make sure to use appropriate fills hatches and labels as necessary.

Detailed BIM Model (LOD 100)

11 Hours

Use appropriate Attributes and add necessary detailing to model created in Stage1



Stage 2

Tasks:

- Create attributes to the projects (Layers, Surface, Building Materials, Composites, Custom Profiles). (2 HOURS)
- Applying Attributes and properties to the model. (1 HOUR)
- Creating layer combinations. (0.5 HOUR)
- Electrical drawings, Plumbing Models, HVAC modelling if necessary. (1 HOUR)
- Making views (Different Types of Plans, Sections, Elevations and 3Ds). (2 HOURS)
- Rendering of views. (1 HOUR)
- Adding the views to new set of layouts . (0.5 HOUR)
- Creating a structural analytical model (Optional). (1 HOUR)
- Creating Energy analysis model (Optional). (1 HOUR)
- 3D Visualization (0.5 HOUR)
- Specifications & Calculations (0.5 HOUR)

Thank you

