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PORTFOLIO

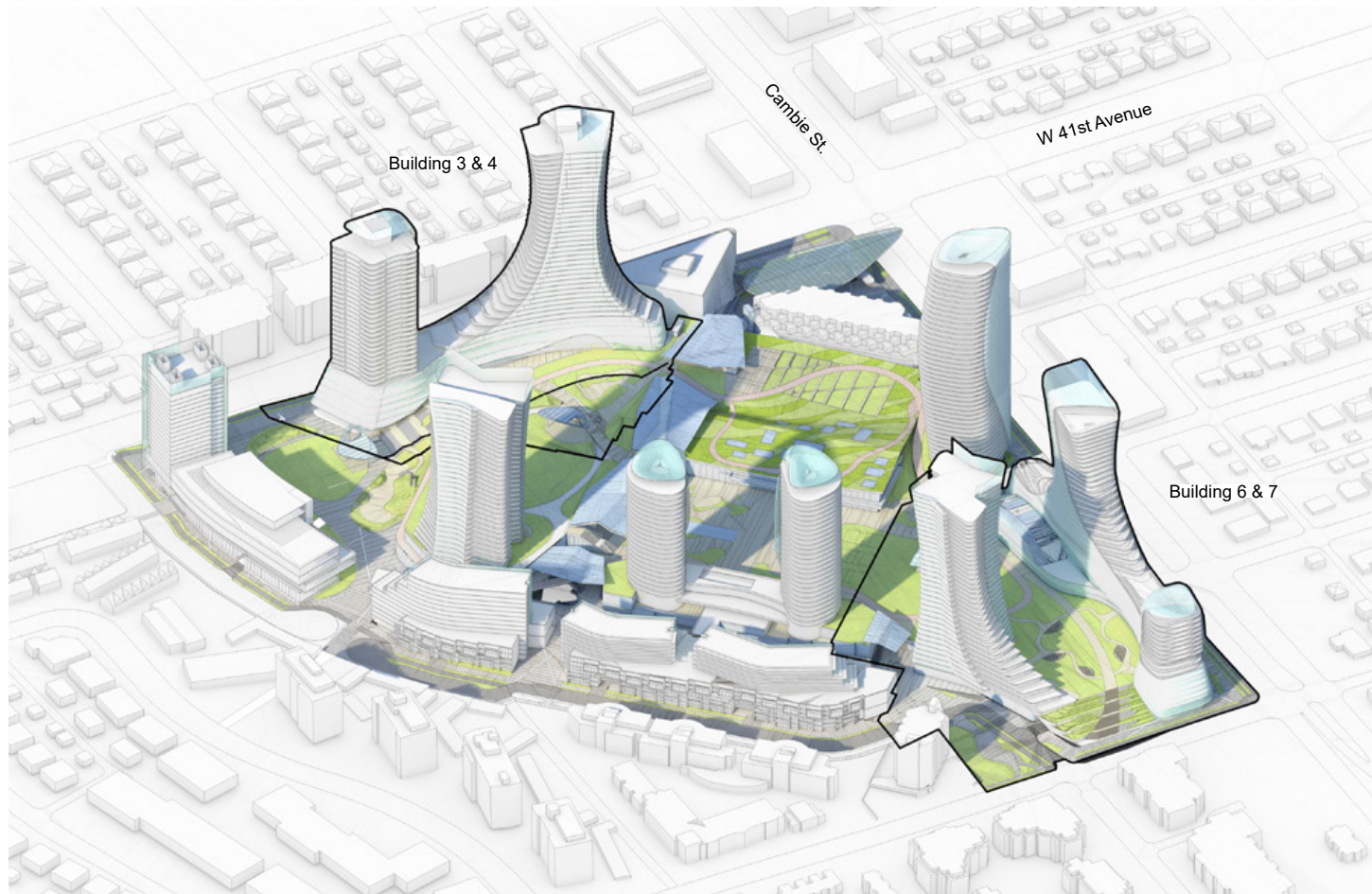
HENRIQUEZ PARTNERS ARCHITECTS

Intern Architect | 2017 – Present

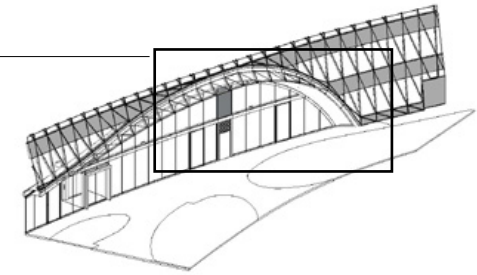
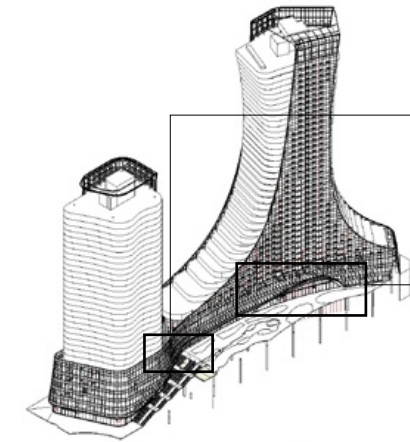
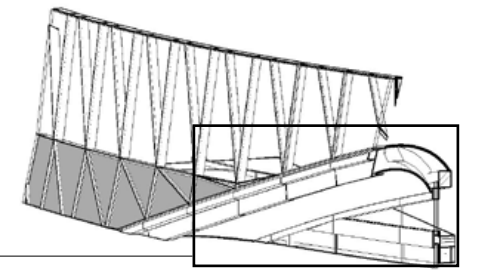
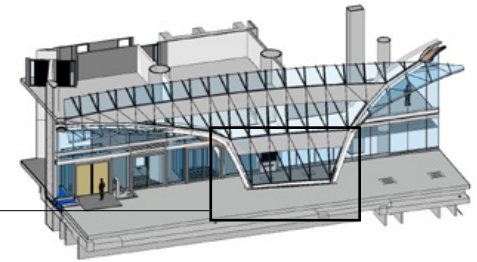
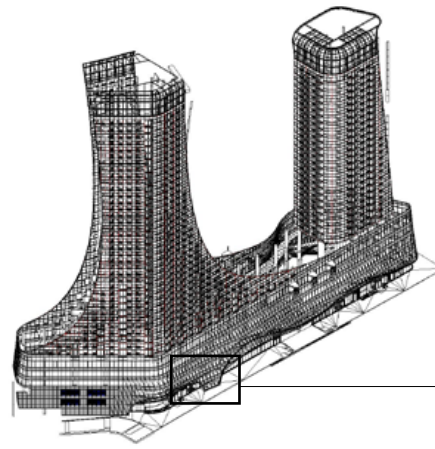
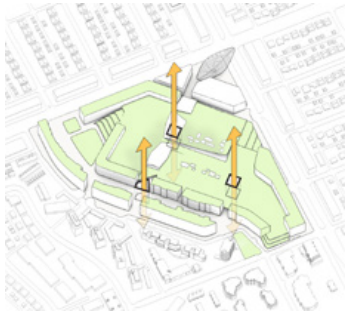
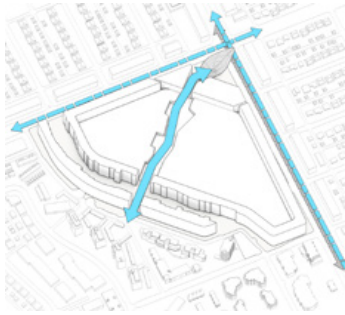
Reference: Jennifer Mallard – Toronto Office Principle

Oakridge Redevelopment – Vancouver, BC

Responsibility: Computational Design / Technical Coordination / Graphics & Communication



The Oakridge Redevelopment marked Henriquez's exploration of increasingly organic forms and complex geometries. **I took the lead in introducing a new Rhino workflow** that enabled the design team to explore and develop these forms more freely. I also **developed Grasshopper workflows** to rationalize complex geometry for constructability and **generate coordinates for structural and curtain wall coordination**.



Window Panel Coordination
Rhino, Grasshopper, Revit & Dynamo

Technical Coordination
Revit – Adaptive Modelling

Computational Design & Technical Coordination

Coordinated complex building interfaces to resolve technical challenges while maintaining architectural intent. Developed Grasshopper tools to support iterative design exploration

and rationalize proposals for construction, and managed Rhino and Revit models to facilitate consultant coordination, design development, and physical model production.

Responsibility: Computational Design / Visual Mock-up Coordination / Graphics & Communication

Responsibility: Computational Design / Visual Mock-up Coordination / Graphics & Communication



to work within significant spatial constraints while retaining Henriquez's design DNA. As the project progressed, **my role expanded to include coordination of the precast panel VMU**, carrying the façade design intent toward its technical realization.

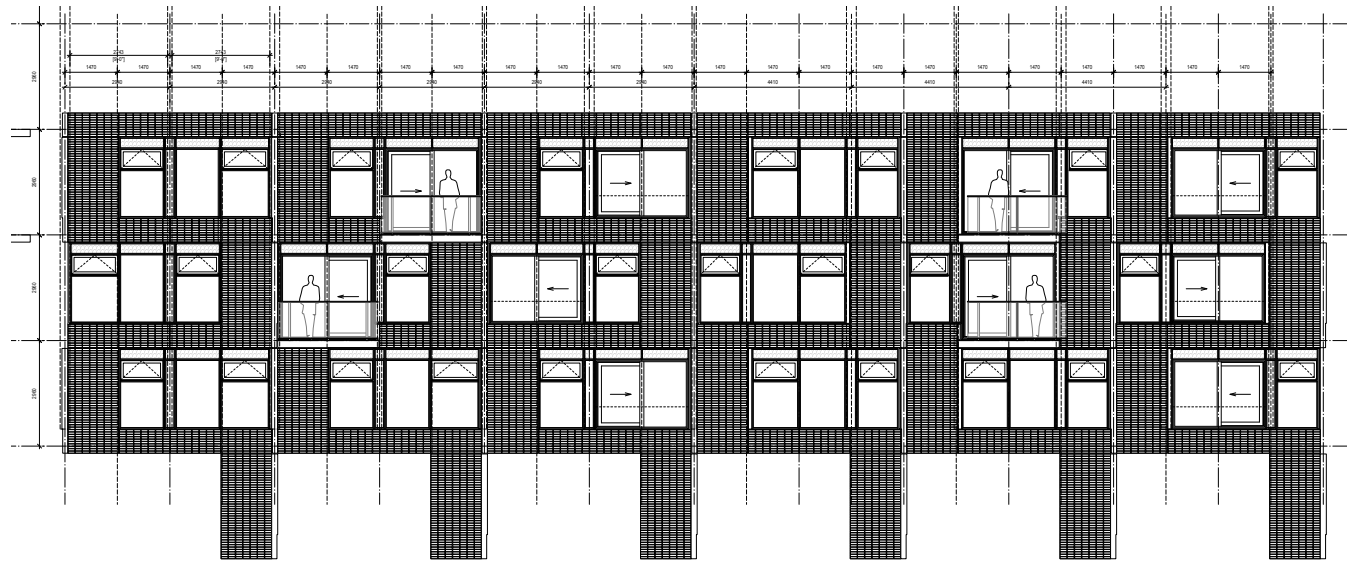
Block 13 – West Don Lands, ON

Responsibility: Computational Design / Graphics & Communication / Schematic Design Package



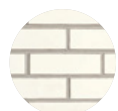
Block 13 involved testing brick module sizes and colour blends across ten standard modules to create a façade with a natural, varied expression. Unit mix and unit sizing were developed in

parallel, with the project progressing through design development toward a coordinated design package for handover to the Architect of Record, reflecting Henriquez's role as Design Architect.



Brick layout and Unit Grid Sizing

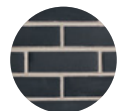
Exploring brick within a fixed structural grid required anticipating how modules would be laid out across each bay to minimize unforeseen design conflicts. Shown here are elevation studies testing brick layouts against 2940 mm and 2870 mm grids. I took responsibility for developing and coordinating these studies with the Creative Director, translating the design intent into a buildable and consistent façade system.



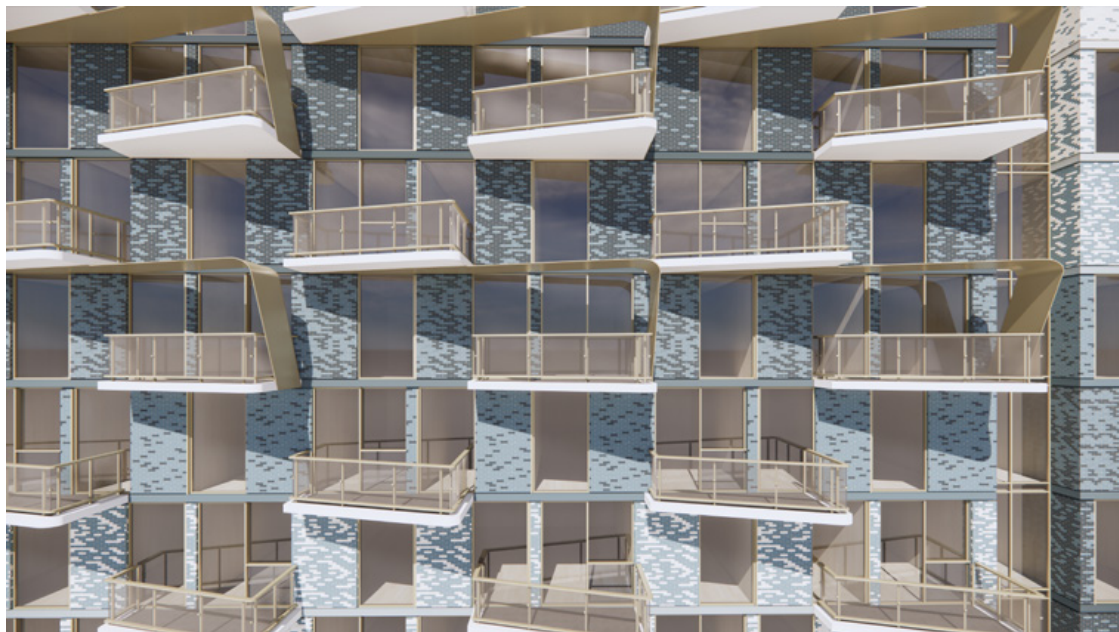
Castellana



Azul



Romero

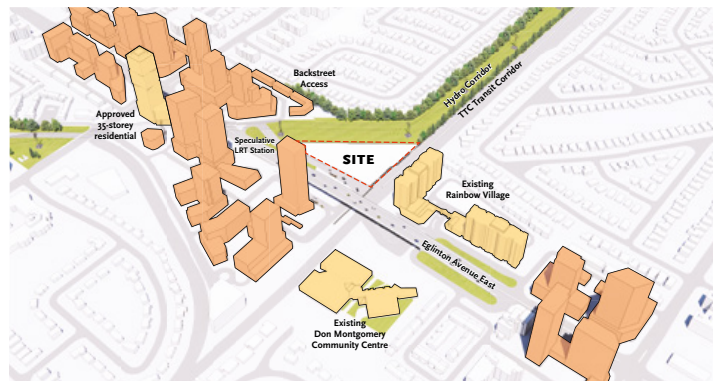
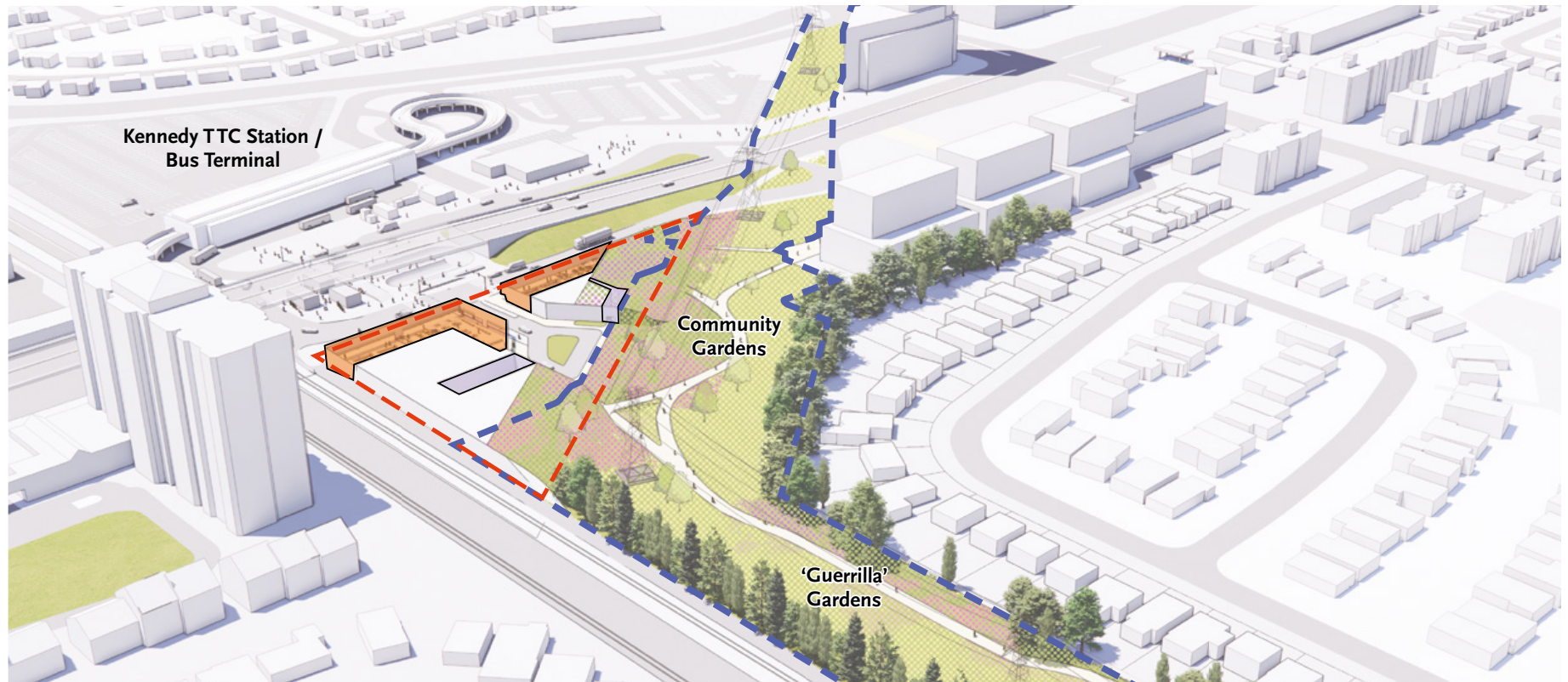


Brick samples and colour studies

Working with Glen-Gery brick samples, we developed a series of colour studies to keep the façade exploration grounded in available materials. Using Rhino and Enscape, I produced colour-matched renderings to support informed design decisions. Careful calibration of colour and texture-map scale was critical to representing the brick as accurately as possible and maintaining a close relationship between the digital study and the physical material.

2444 Eglinton – Scarborough, ON

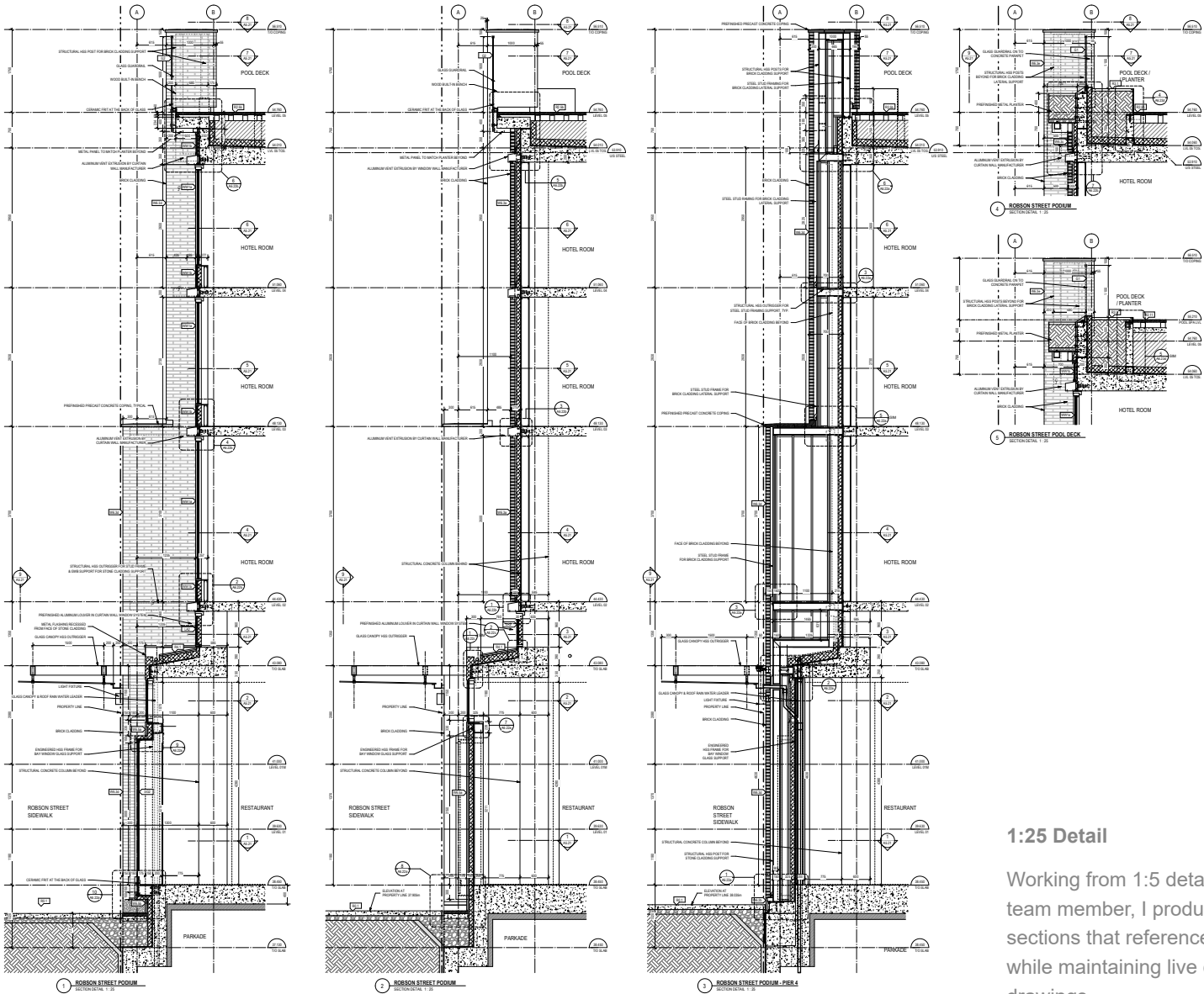
Responsibility: Computational Design / Graphics & Communication / Presentation Package Manager



Diagrams and Presentation

Leading the development of the presentation package gave me responsibility for shaping the project's design narrative, while managing a team and delegating work according to individual strengths and project timelines.

Robson – Vancouver, ON
Responsibility: Technical Drawing @ 1:25 Scale



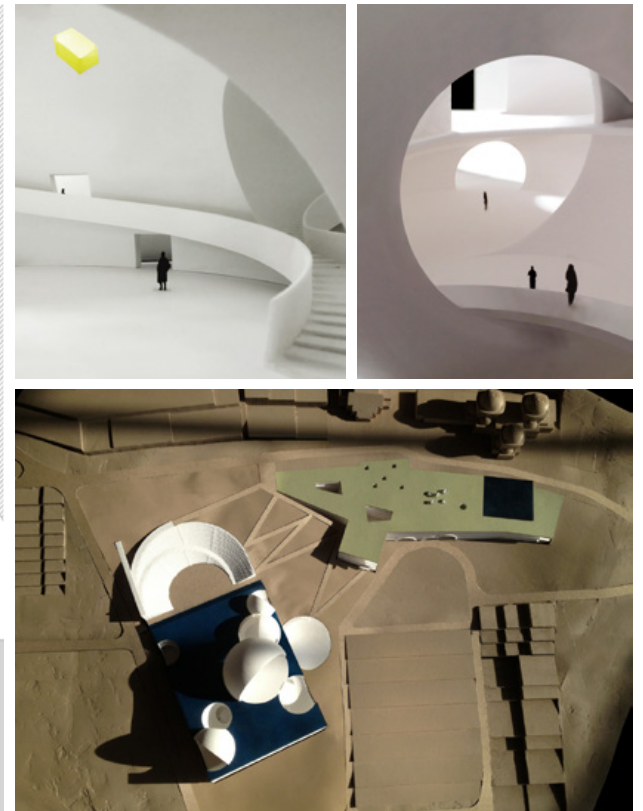
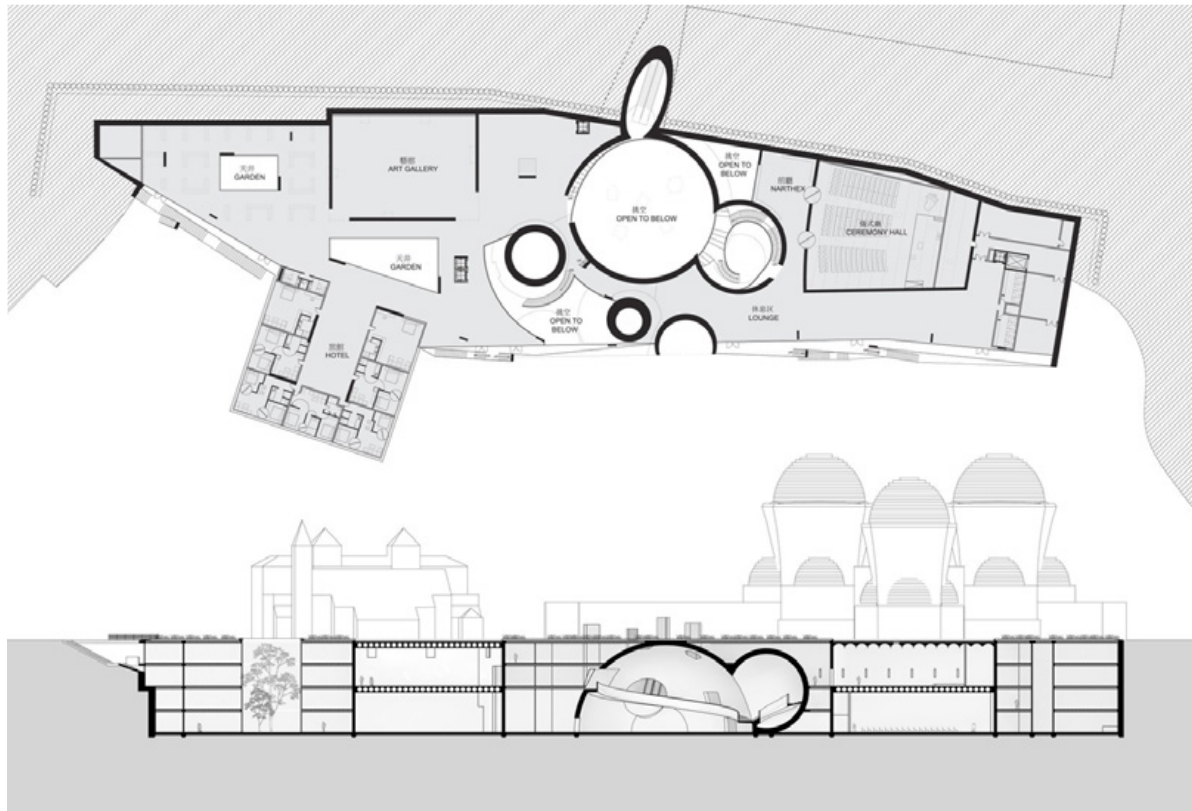
1:25 Detail

Working from 1:5 details developed by a senior team member, I produced coordinated 1:25 building sections that referenced the detailed assemblies while maintaining live coordination with the slab-edge drawings.

STEVEN HOLL ARCHITECTS

Architectural Assistant | 2013 – 2014

Responsibility: Computational Design / Architectural Drawings / Graphics & Communication / Physical Model



Model Making, Drawings and Cross global coordination

Working closely with Steven Holl and team members across the New York and Beijing offices, we translated design ideas into physical models and photography in real time. The fast-

paced, international collaboration strengthened my ability to communicate and deliver under pressure.

SHIGERU BAN ARCHITECTS

Architectural Assistant | 2013

Responsibility: Architectural Drawings / Graphics & Communication / Physical Model

