Exterior Material Board

Fibre-cement panel

Curtain wall

Steel facade structure

Western red cedar cladding

The façades will be designed with natural and contemporary materials to break up the massing and create visual interest. The palette draws inspiration from colours found in nature but juxtaposed with contemporary colours. Natural materials such as wood and stone add warmth to the facade. While contemporary materials such as fibre-cement, metal and glazing are contrasted against wood to highlights the important moments in the design.
Using of indigenous plants is one of the most importnat elements for this project and emphasize the deep connection to the land and nature.

Wood and steel facade screen

Indigenous plants

Stone tiles

South Elevation — Building 4 & 2

1:500

West Elevation — Building 3 & 4

1:500

North Elevation — Building 1 & 3

1:500

East Elevation — Building 1 & 2

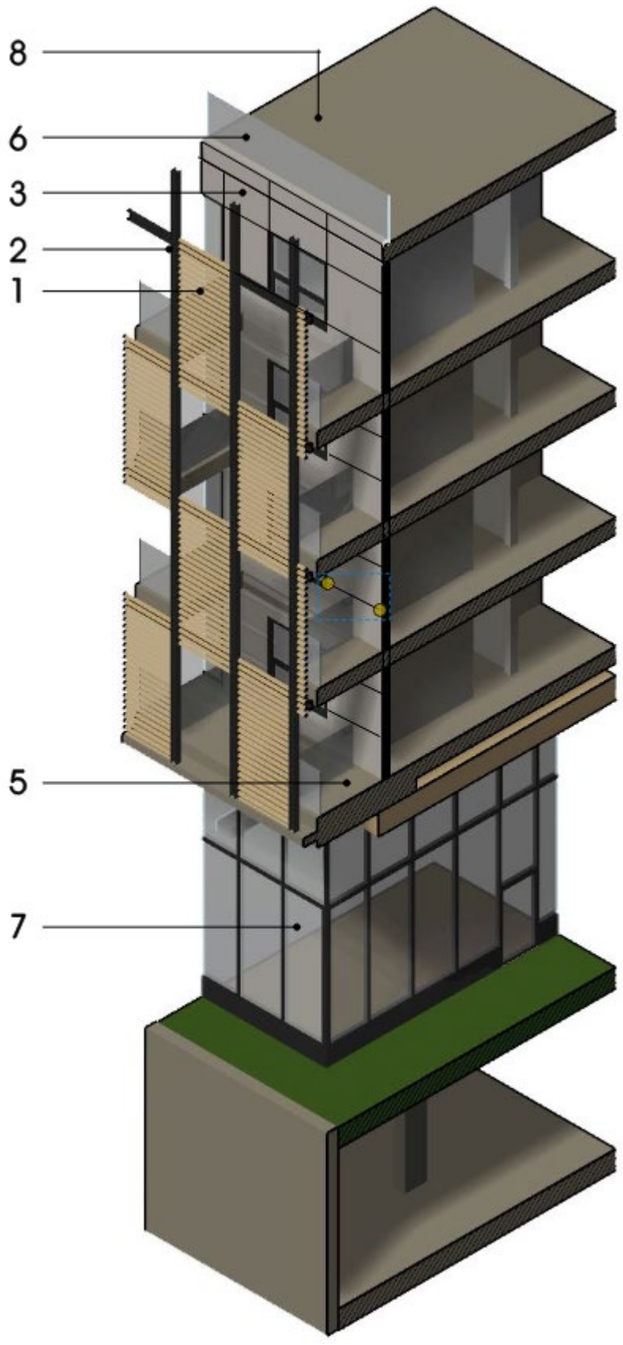
1:500

Facade System

The Facade system of the residential floors consists of two skins, one is the building envelope and whether barrier that primarily serves as the interface between indoor space and the exterior. Exterior finish is proposed to be cementitious panel boards to provide durable and fire resisting properties and low maintenance building envelope.

The second skin is a screen (metal lattice) comprised of I-beams attached at regular intervals filled with louver panels alternating in checkered pattern. This screen provides several advantages to the residents, as well as the building envelope energy performance.

1. The louvers provide sun protection, and added privacy.
2. The screen frees the balcony location behind it without impacting the visual order of the facade. This gives a permanent clean look to the buildings, where most balconies will be partially situated behind the screen.
3. The modularity of the screen components allows for prefabrication of these modules, expediting construction, and reducing cost, in addition to off-site quality control.
4. The self-supporting balcony system through the metal screen structural members allows for reducing the thermal bridging resulting from balcony connection to the floor system.



LEGEND

1. METAL LOUVRE PAINTED WOOD COLOUR
2. STEEL W-SECTION
3. FIBRE-CEMENT PANEL
4. DOUBLE GLAZED PVC OR FIBRE GLASS WINDOW SYSTEM WITH LOW-E COATING AND BLACK FRAMES
5. DECK GUARD COATING ON SUBSTRATE
6. 1070mm HIGH TEMPERED GLASS BUARD RAIL
7. GROUND FLOOR GLAZING, STOREFRONT FRONT MOUNTED THERMALLY BROKEN ALUMINUM DOUBLE GLAZED SYSTEM WITH LOW E COATING, BLACK FINISH
8. ROOF TOP CONCRETE PAVERS ON PEDESTALS ON 2 PLY SBS ROOF SYSTEM