



FIGURE 177. View from Southern Approach

5.7 APPEARANCE - FACADE DESIGN

5.7.2 APPEARANCE - ELEVATION

The composition of the facade is made up of a series of six different wall types:-

1. Main Wall Type 1 - Residential **'Planar Blades'**
2. Main Wall Type 2 - **'Recessed Infill N/S'**
3. Main Wall Type 3 - **'Recessed Infill E/W'**
4. Main Wall Type 4 - **'Recessed Infill Balconies'**
5. Main Wall Type 5 - **'Folding Blades'**
6. Main Wall Type 6 - **'Pre-cast Concrete Panels'**

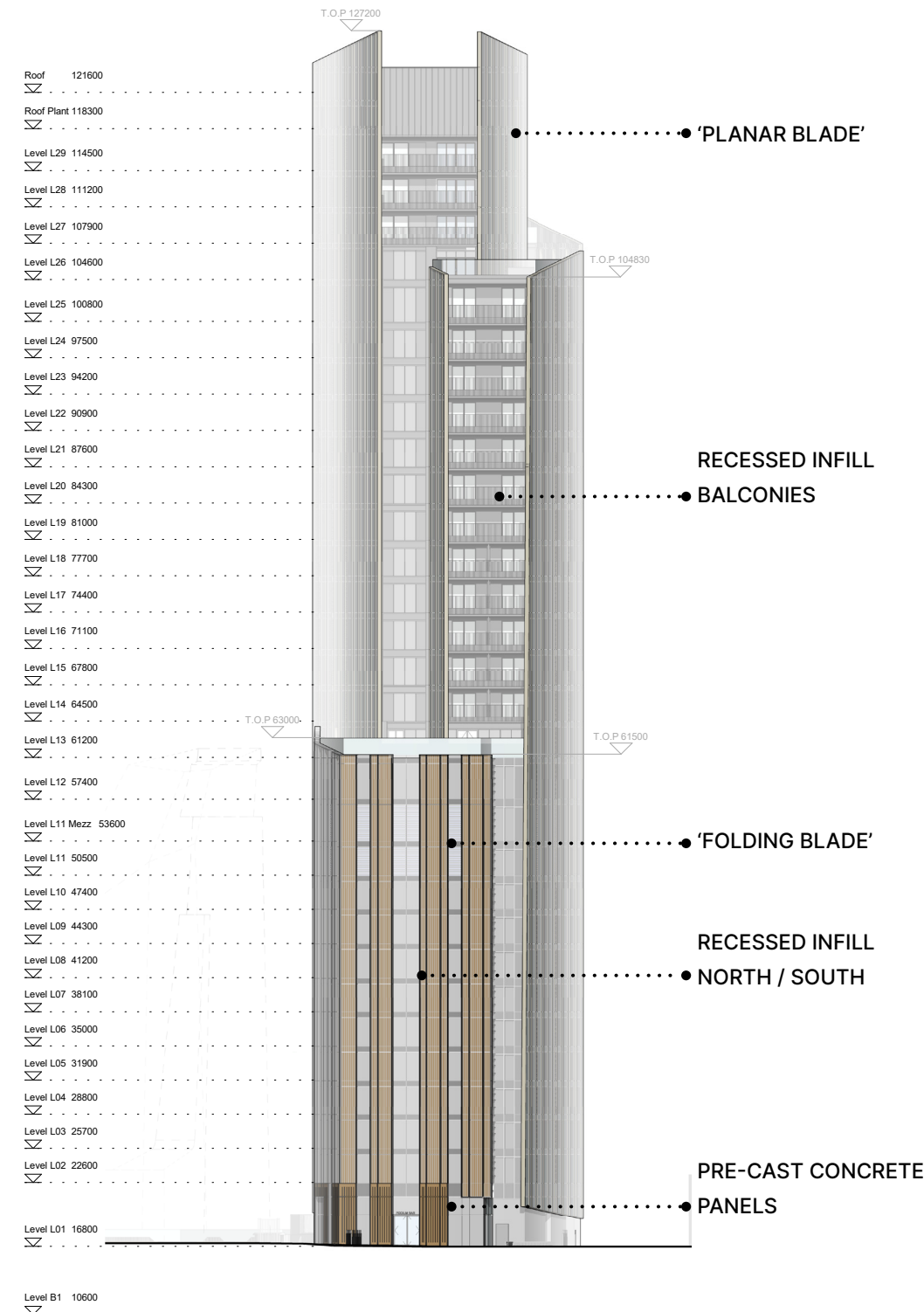


FIGURE 178. North Elevation

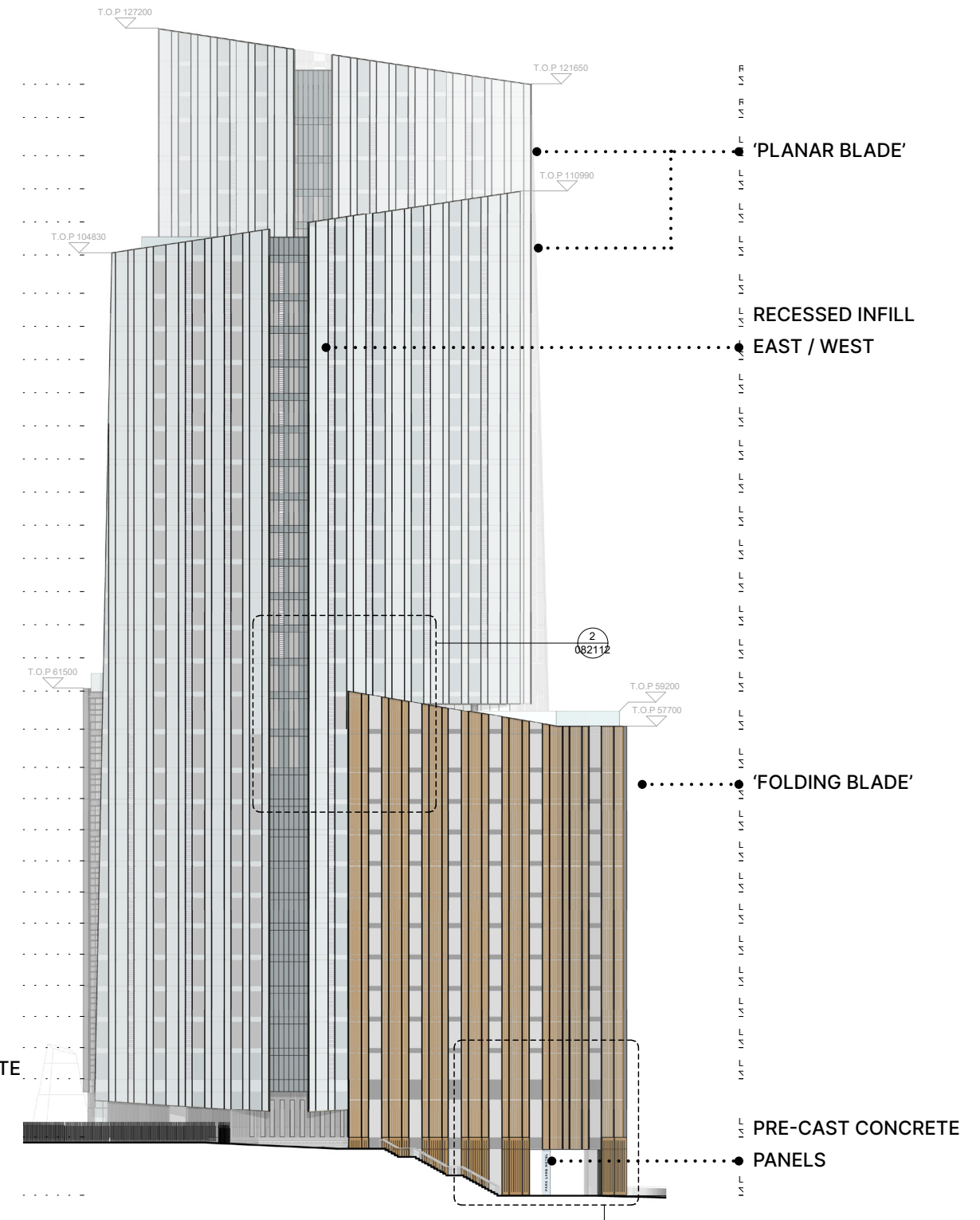


FIGURE 179. West Elevation

5.7 APPEARANCE - FACADE DESIGN

5.7.4 APPEARANCE - ELEVATION (CONTINUED)

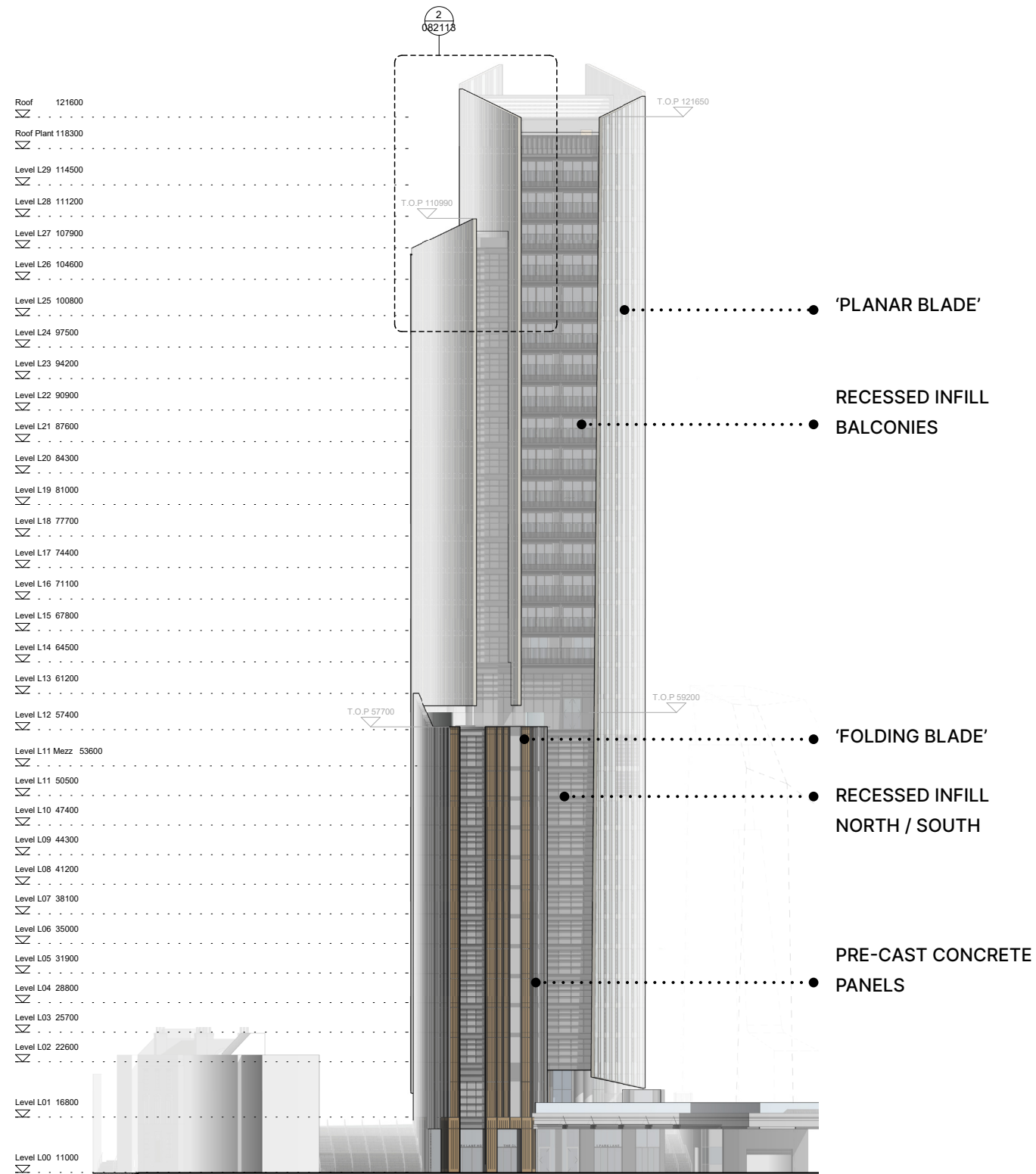


FIGURE 180. South Elevation

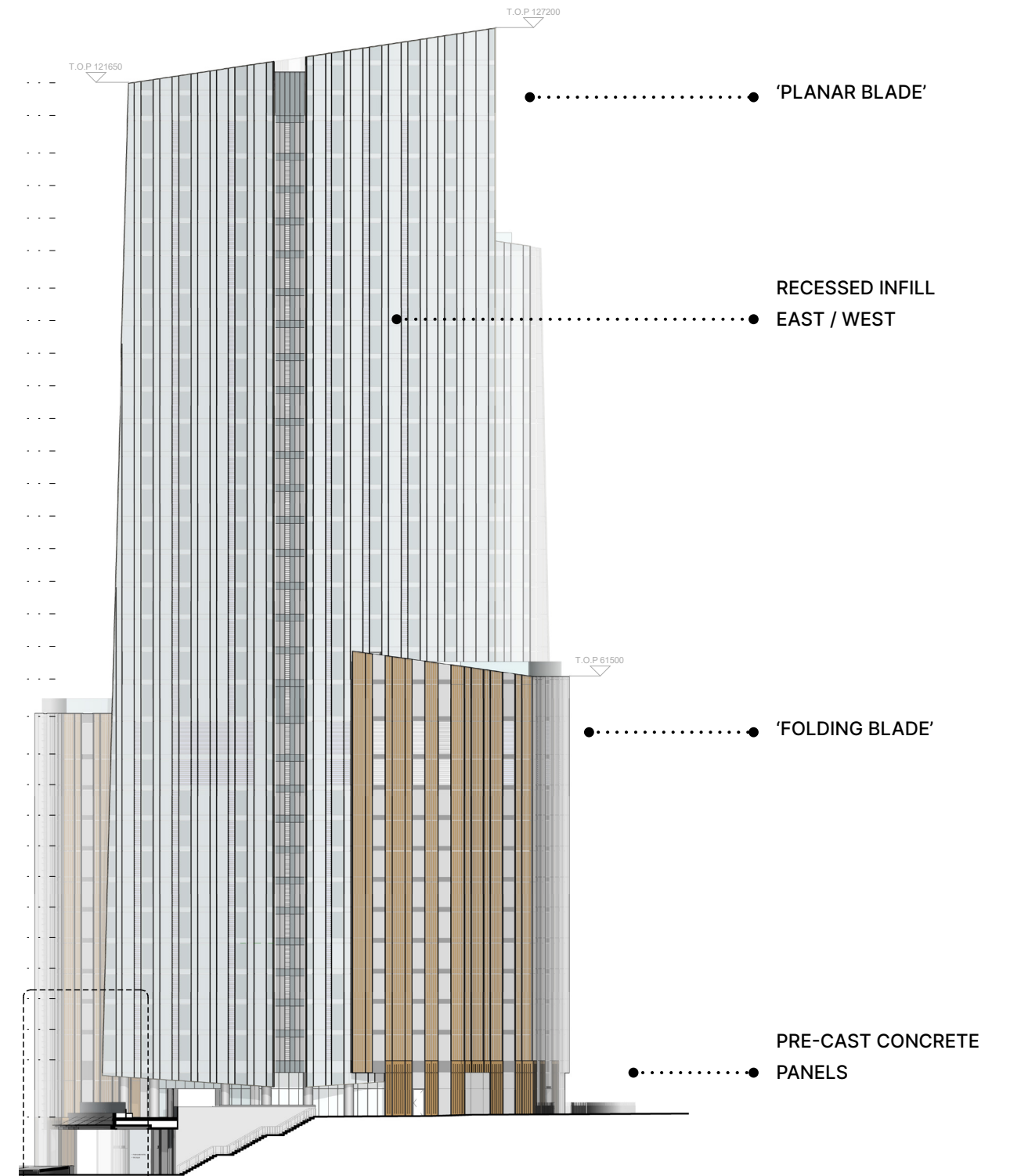


FIGURE 181. East Elevation

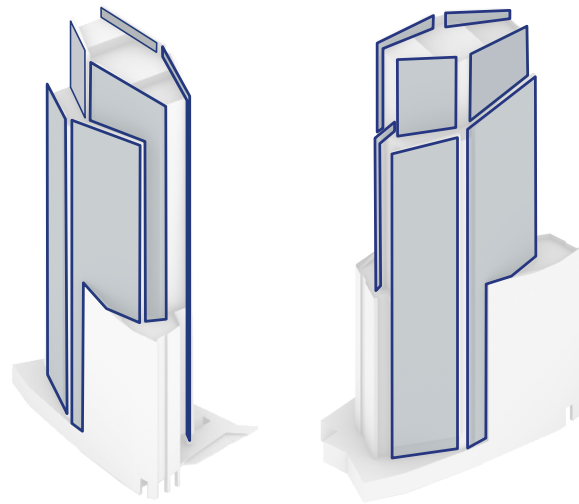
5.7 APPEARANCE - FACADE DESIGN

5.7.3 MAIN WALL TYPE 01 - RESIDENTIAL 'PLANAR BLADES'

The planar blades are a crisp and striking element consisting of a vertically emphasised grid framework, with a combination of solid, perforated, and glazed panels to provide views out of the building and add variation within the grid. The blades emerge from the stadium podium and roof terraces, angled towards an apex reaching for the sky.

The proportion of glazing has been carefully considered to manage overheating risk whilst achieving good natural light levels.

The design of the curtain wall system has been developed with input from specialist supplier in order to achieve the maximum thermal performance for a curtain wall solution, including minimising thermal bridging at connections, triple glazing and maximise insulation build-ups.



- ① Fritted back painted and insulated opaque glass
- ② Triple glazed fixed unit, vision panel
- ③ Fritted glass louvred panel over opaque openable panel
- ④ Light bronze coloured projected aluminium mullions
- ⑤ Fritted back-painted and insulated opaque glass spandrel panel

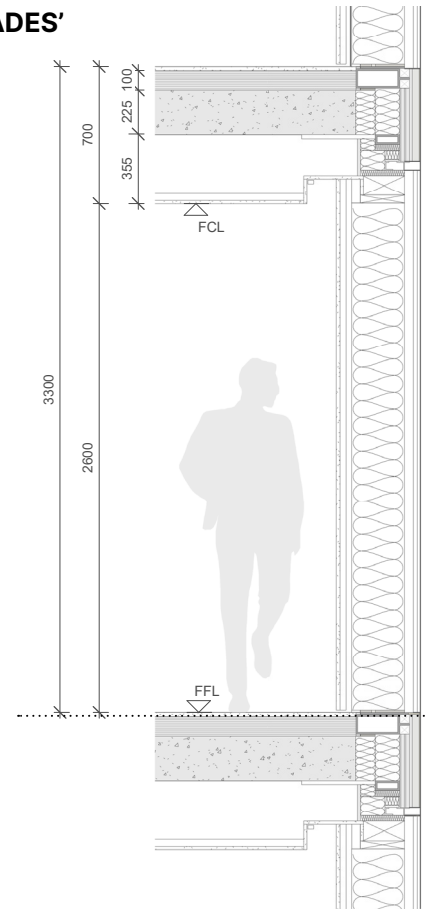


FIGURE 182. Section - Solid Panel



FIGURE 183. Section - Vision Panel

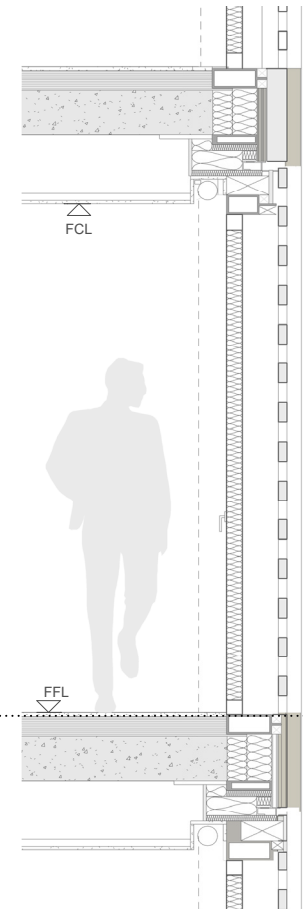


FIGURE 184. Section - Openable and Louvred Panel



FIGURE 185. Axonometric View



FIGURE 186. Elevation

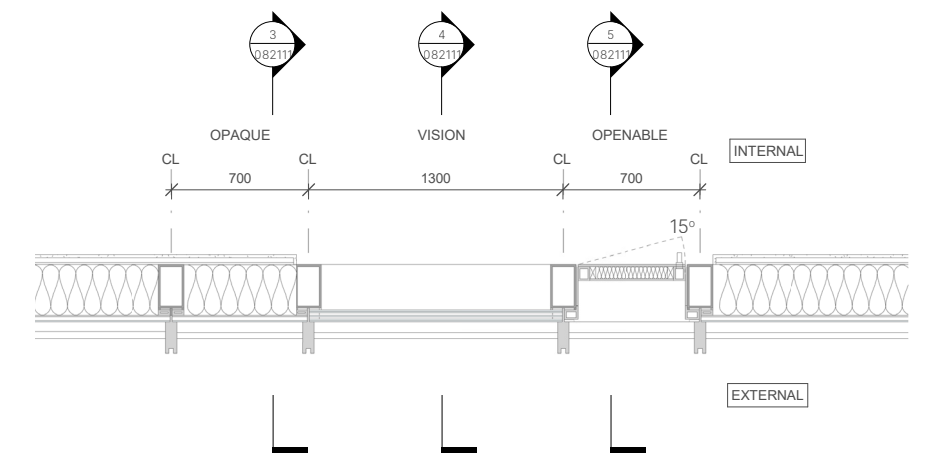


FIGURE 187. Plan