

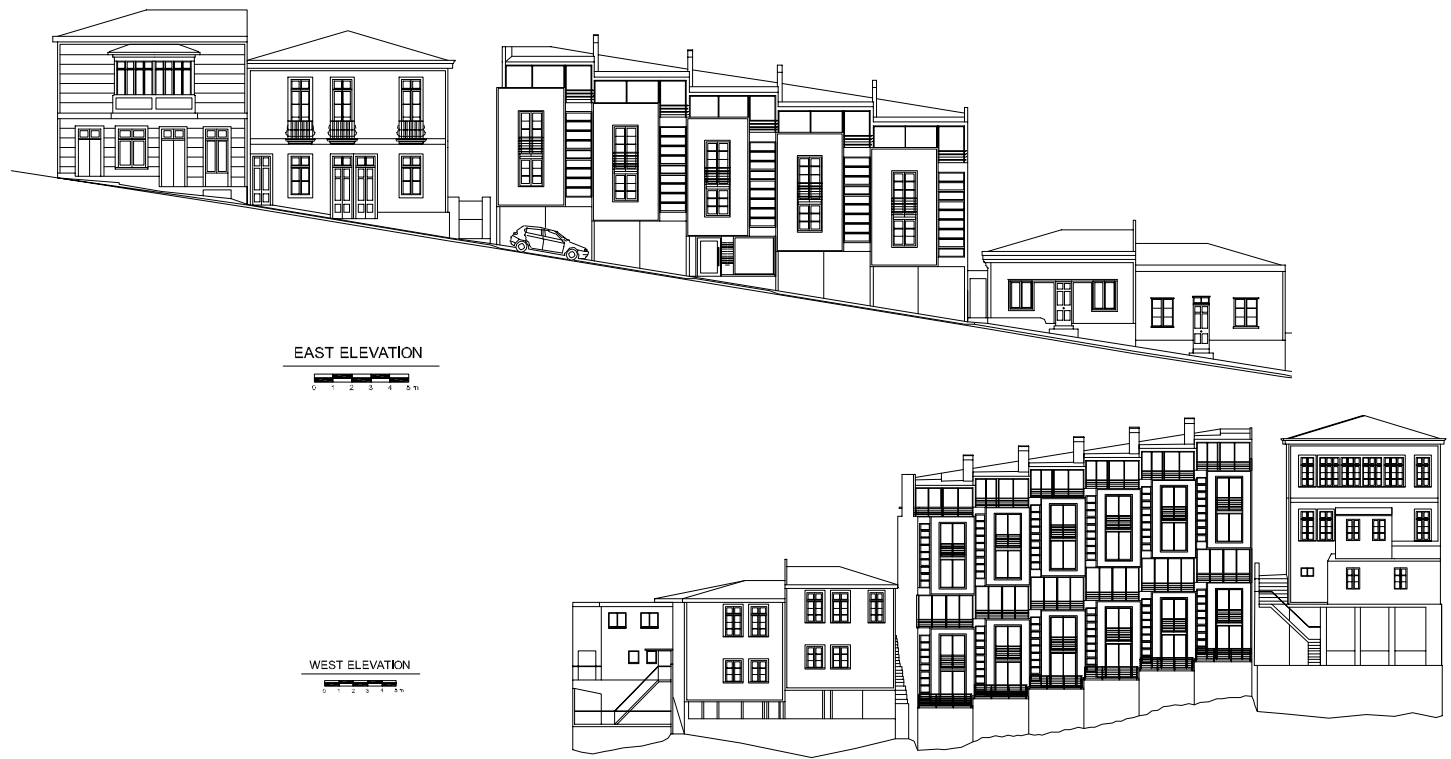


Lofts Yungay II

90° Elevation

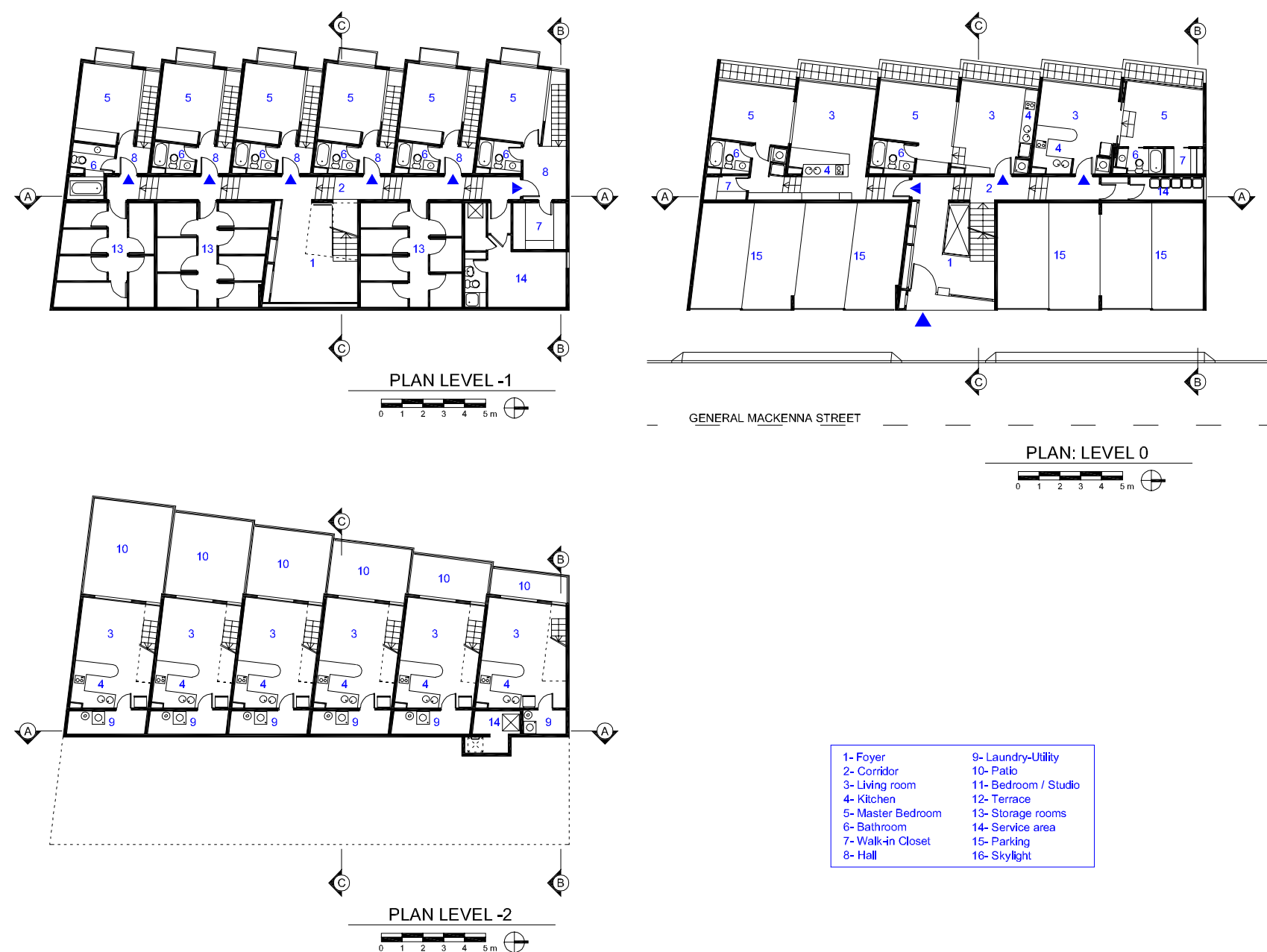
Certain construction elements such as the mini-wave galvanized coating, the tall wooden windows, the double height vinyl windows and the perforated steel sheets of the parking lot gates mix into a contemporary façade with a strong local identity.

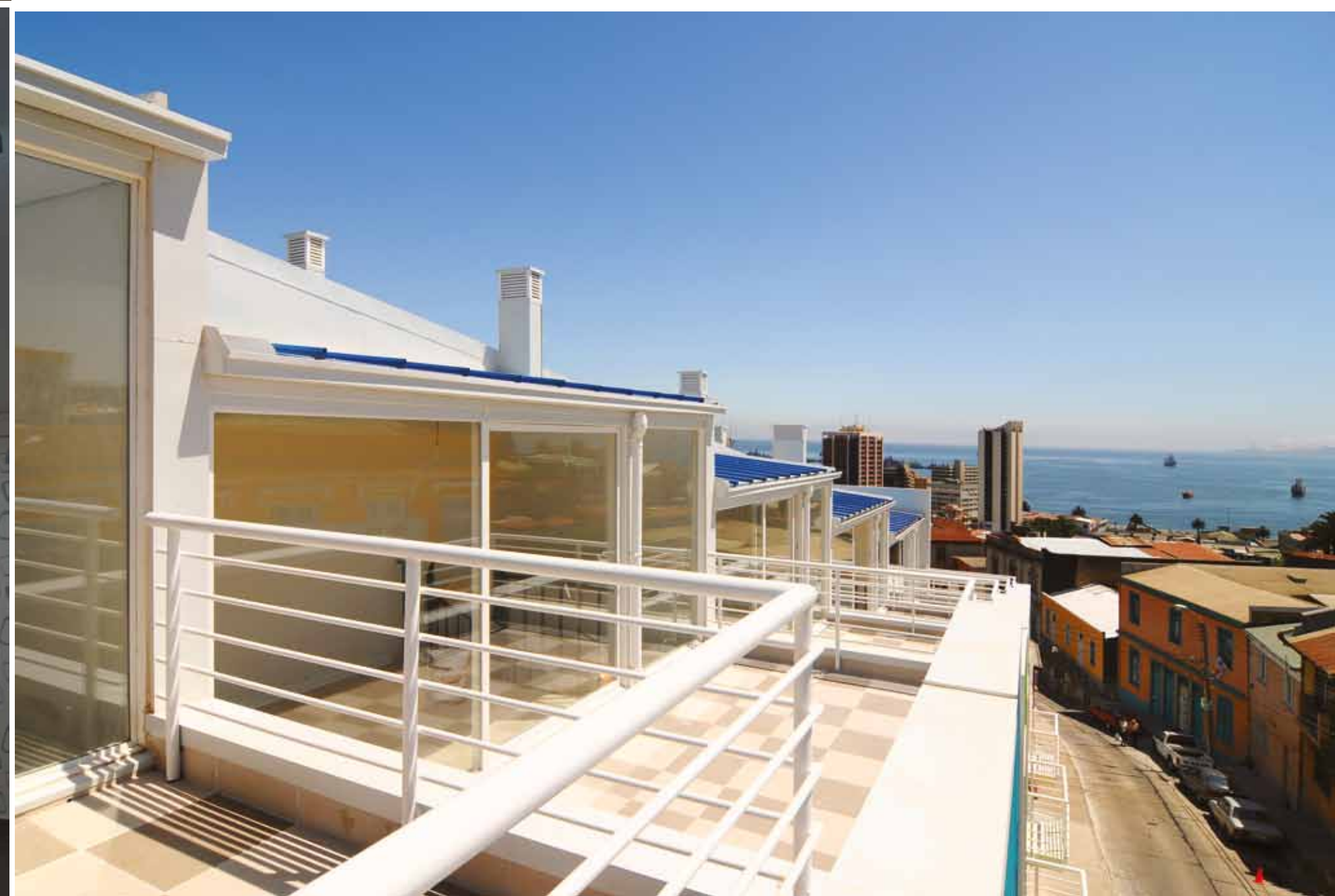
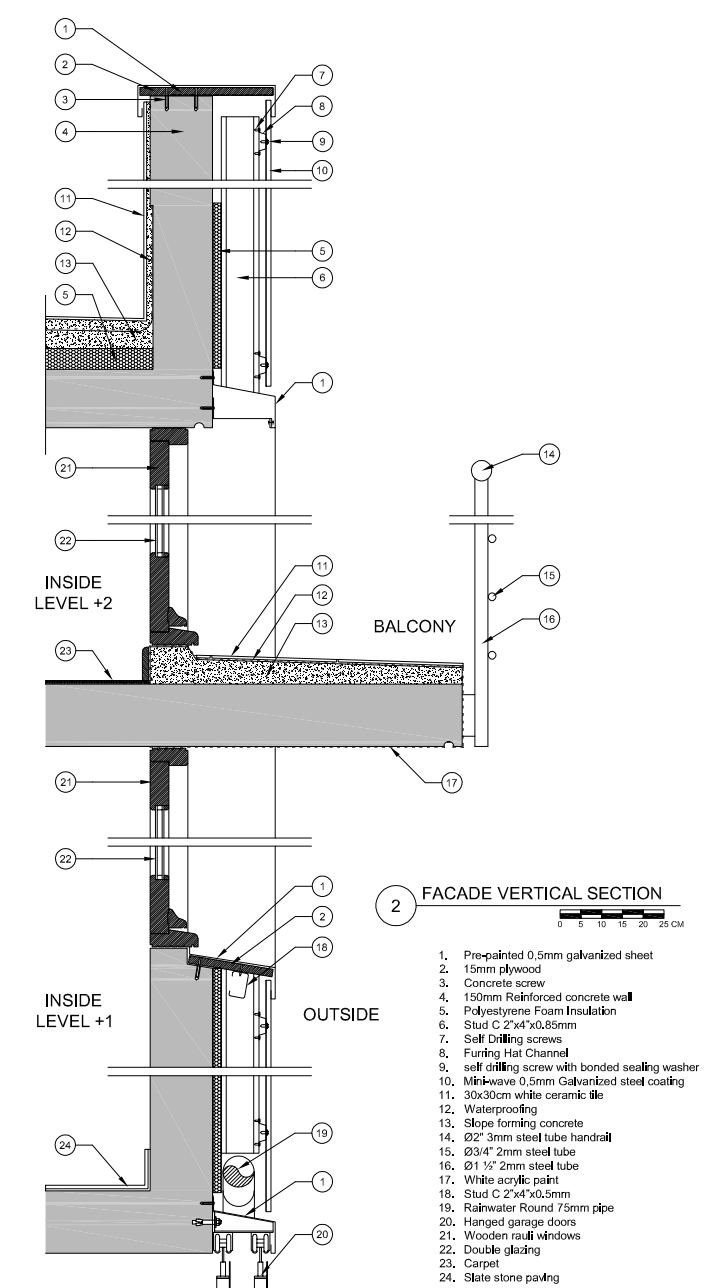
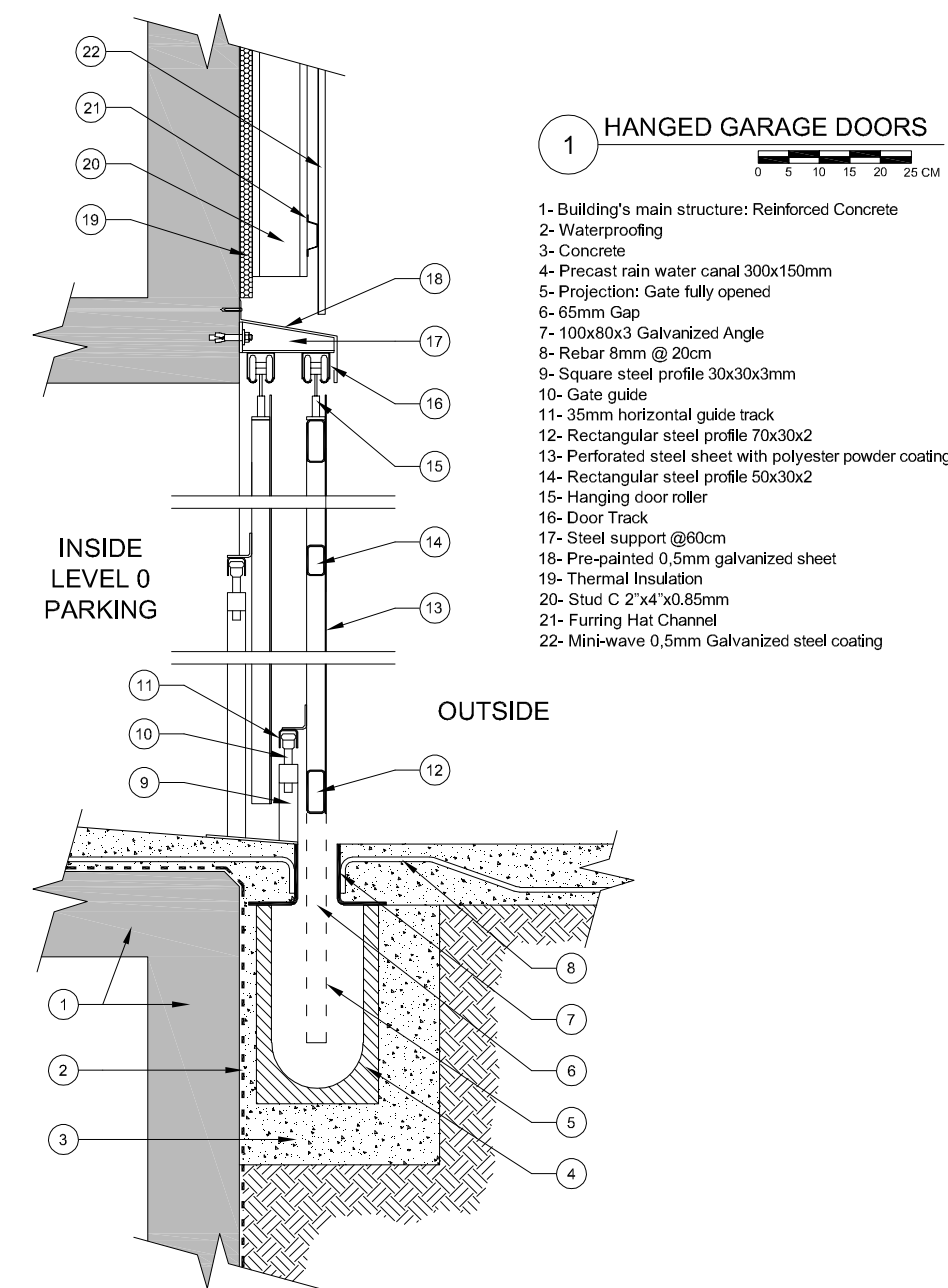
Lofts Yungay II is a collective housing building located in the outskirts of the World Heritage Area of Valparaíso, Chile. This city is one of the largest Chilean ports in the Pacific Ocean. Valparaíso's landscape is very characteristic due to its many hills packed with colorful houses almost falling out of the cliffs. Each house is different from one another, but together they create a harmonic landscape. The project's lot is located in a hill side with a strong slope in both north-south and east-west directions. The site has two main façades; the east façade faces the street at the top of the hill, mean while the west façade faces a steep cliff. The project was intended to blend into this urban landscape characterized by the combination of small colorful

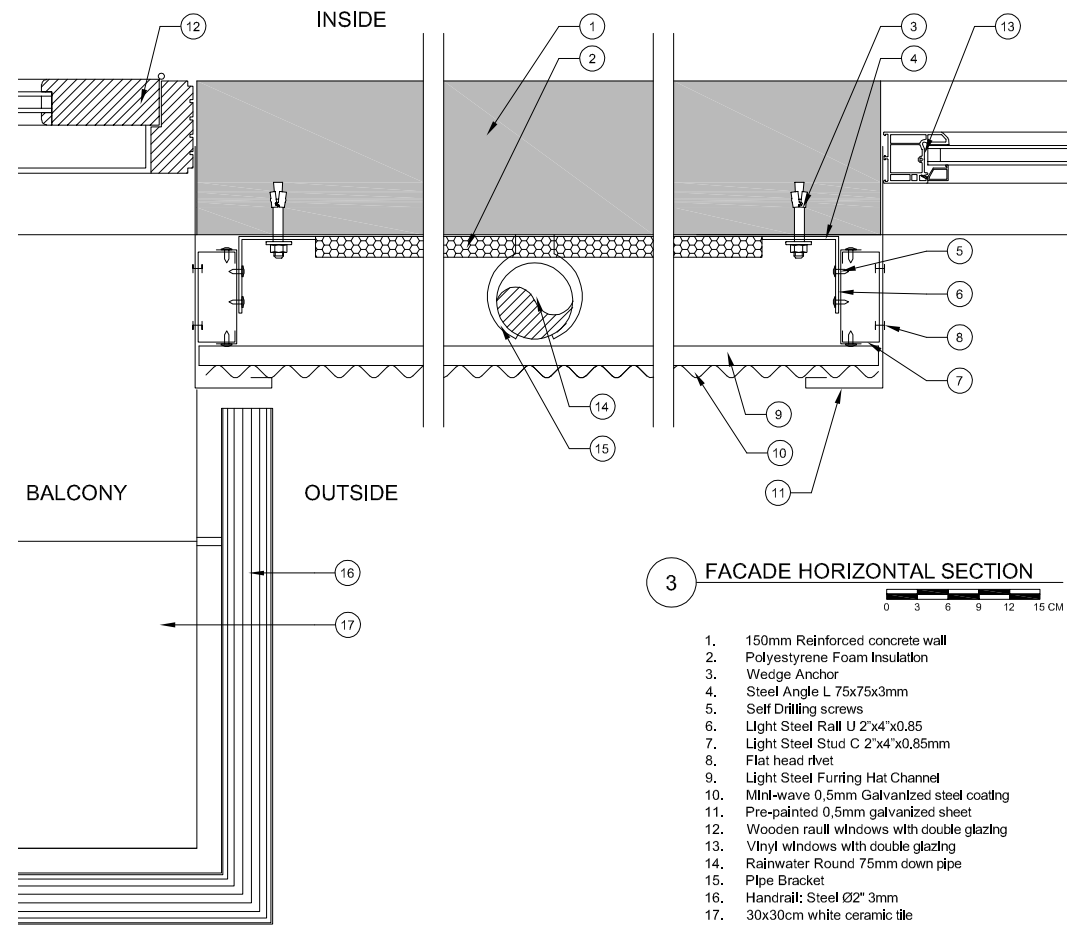


Credits:
 Architects: Rearquitectura
 Location: Valparaíso, Chile
 Design Team: Antonio Menéndez + Cristian Barrientos
 Year: 2008-2009
 Site Area: 418 m²
 Building Area: 285 m²
 Gross Floor Area: 1,366 m²
 Building Coverage Ratio: 68%
 Floor Area Ratio: 3.27
 Max Height: 11m in Street Façade, 16.5m in Rear Façade
 Building Scale: 4 Stories above Ground, 2 Stories below Ground, 20 Housing Units
 Parking Capacity: 8 Cars
 Structure System: Reinforced Concrete
 Photographers: Marcos Mendizabal, Antonio Menéndez









houses dispersed throughout the steep hillside. The building required to house 20 units, and thus its volume was much larger than the neighboring houses and would require a heavy intervention of the hill's geography. This would destroy the scale and geography of this urban landscape.

To blend, the project required a smaller scale, and required to adapt into the geography. For this reason the building was fragmented into a series of smaller volumes. Each of these volumes is an individual unit, and has an individual color. They are placed at different altitudes following the slope of the hill, and thus, adapting the building into its geography. On the rear façade the units are slightly turned accentuating the idea of a combination of smaller units instead of a sole large volume. On the main façade, the volumes are aligned respecting the continuous façade of the street.

Certain construction elements that are present in the surrounding historical buildings, such as the mini-wave galvanized coating and the tall wooden windows, were used in the facades. These were combined with new elements such as the double height vinyl windows and the

perforated steel sheets of the parking lot gates. Together, these old and new elements mix into a contemporary façade with a strong local identity.

In the interior, the building is structured with a north-south axis containing three levels of corridors. Each one of these corridors has a series of short ladders that reflect how the building adapts to the slope of the site. The up-most corridor has a succession of skylights separated from each other by colorful volumes, allowing the natural illumination of this area. The building contains 20 lofts. The corridor at level -1 leads to the storerooms and to 6 two-story units, each one with a small garden overlooking the cliff. The street level contains the parking lots and 3 one story lofts. Finally, on level +1 are the entrances to 11 three-story lofts, each one with a roof-top terrace and a wide view towards the ocean.

Both the architectural design and the real estate development of Lofts Yungay II were carried out by two young Chilean architects, Antonio Menéndez and Cristian Barrientos, founders of Rearquitectura.

4 CANTILEVER STAIR

- 1- Reinforced concrete wall
- 2- Rebar 2Ø12 250mm + 2Ø10 250mm
- 3- Steel plate 330x150x12mm
- 4- Weld - V butt joint
- 5- Steel plate 300x60x4mm
- 6- 3 C 100x50x4
- 7- 2x3" Pine wood
- 8- Sound proofing layer
- 9- Screw #8 x 40mm

