



PROJECT

Berilo building

LOCATION

Asunción, Paraguay

INFORMATION

Area: Building structures
Market: Residential and hotel
Year of completion: 2020
Developer : Grupo Urban Arquitectura
Architecture: Grupo Urban Arquitectura
Our work: Preliminary and detailed design

DESCRIPTION

With an area of about 430,560 sq ft. and 475 ft high, Berilo Tower is a project of Grupo Urban, and one of the tallest buildings in the region. The complex includes a basement, ground floor, seven parking floors and two distinguishable towers: one for housing and a hotel.

SOLUTION

This building has a complex geometry that integrates a tower with several modules arranged in shape of attached prisms. The structure was solved through reinforced concrete slabs, building system frames, and reinforced concrete screens, as well as transition beams that made it possible to reconcile the different functional uses of the building.

OUR QUALITY TURN

In buildings with these characteristics, it is necessary to adequately control deformations and horizontal vibrations to guarantee user comfort. A system of reinforced concrete screens and building system frames were developed in order to limit deformations and vibrations to normative ranges without affecting the planned architectural design.