



Siriraj Horizon Housing

Siriraj Horizon Housing reimagines urban housing in the Siriraj and Wang Lang area, a lively neighborhood shaped by its market, hospital, and transportation hubs. The project introduces a parasitic structure attached to the Siriraj parking building, utilizing its framework to minimize land use in the dense area and reduce construction impact. Sustainable systems, including solar panels and rainwater harvesting, enhance efficiency and environmental responsibility. The façade design is inspired by the organic flow of Wang Lang Market, with units arranged in a random pattern that reflects the area's vibrancy. This approach integrates the structure into the local context while respecting the urban and social fabric. The project provides four housing types: Shared Units for Patients: Flexible sleeping pods for up to ten people offer both privacy and interaction. Private Units for Mobility-impaired Patients: Accessible rooms support ease of movement and physical therapy. Multi-level Units for Medical Staff: Three-story housing with shared spaces fosters connection among staff. Compact Units for Medical Students: Practical living solutions for students during studies and internships.

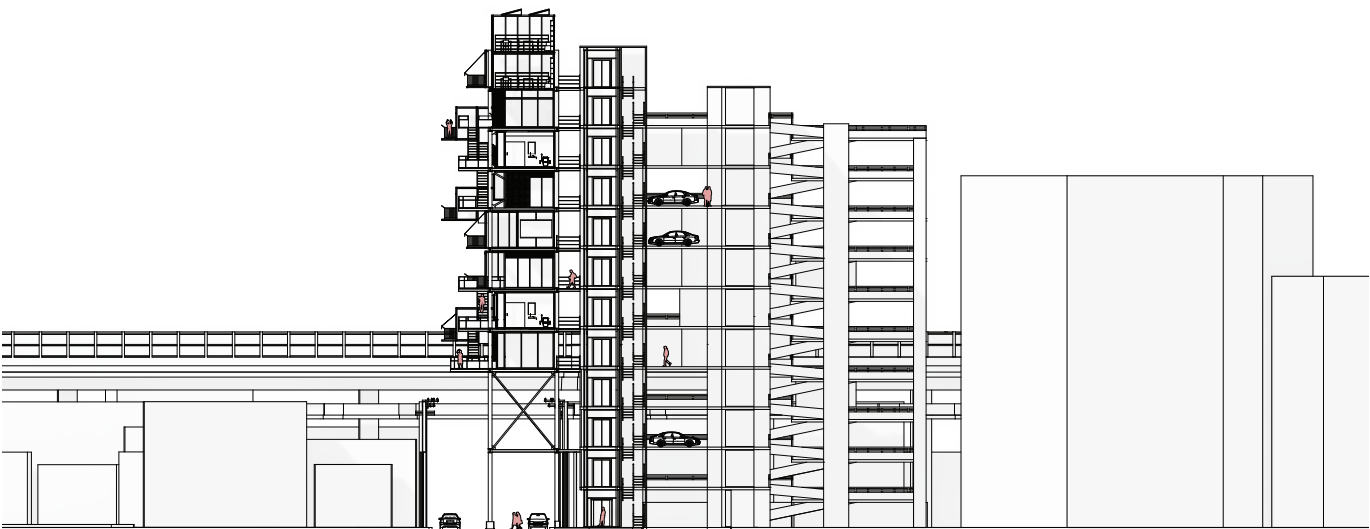


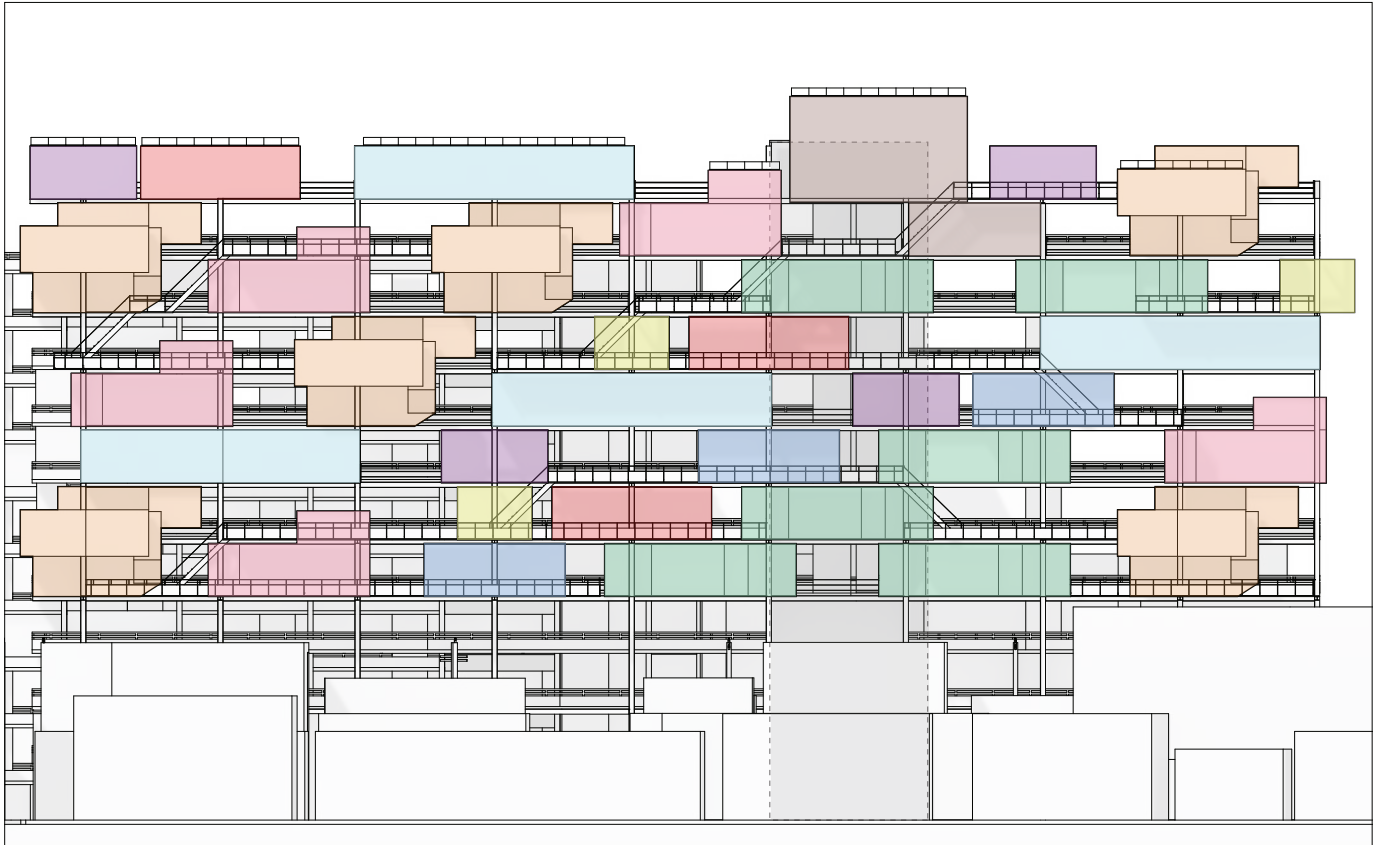
This project is situated beside Siriraj Hospital, directly facing Wang Lang Market. The design serves as a bridge between the vibrant complexity of the market and the straightforward simplicity of the parking structure, seamlessly integrating both elements.

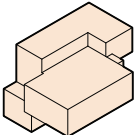
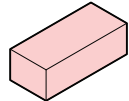
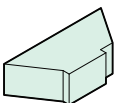
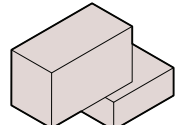
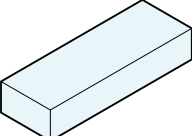

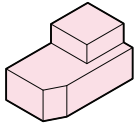

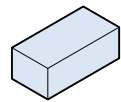
SECTION B



SECTION A



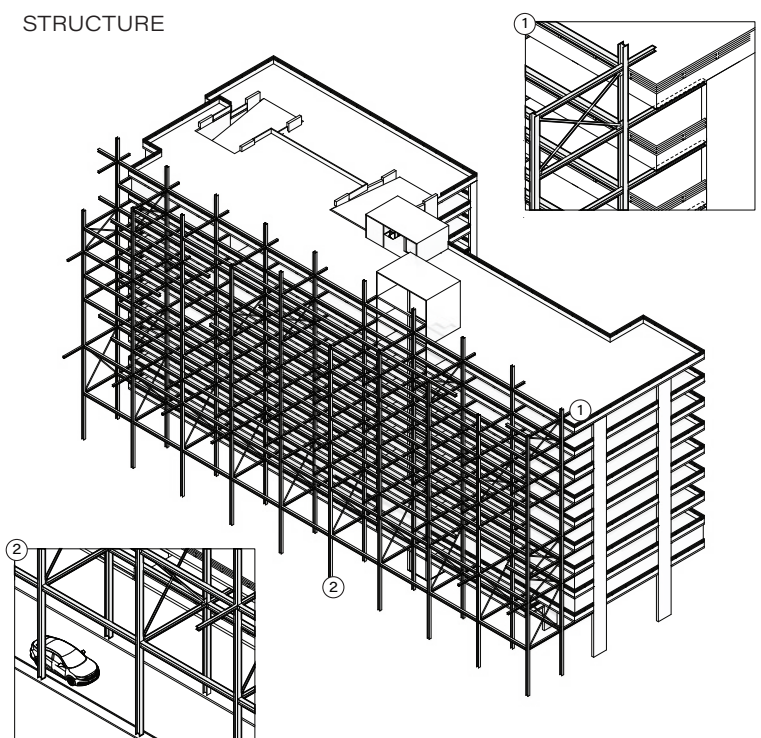


UNITS	PROGRAMS
 MEDICAL STAFF X 6	 KITCHEN AND DINING AREA X 3
 DISABLED PATIENT WITH CARETAKER X 6	 LIBRARY AND CO-WORKING SPACE X 1
 OPD PATIENT/CARETAKER X 4	 LAUNDRY ROOM X 3
 MEDICAL STUDENT X 5	 MULTI-FUNCTION ROOM X 4
	 WAITING ROOM X 3

AGGREGATION

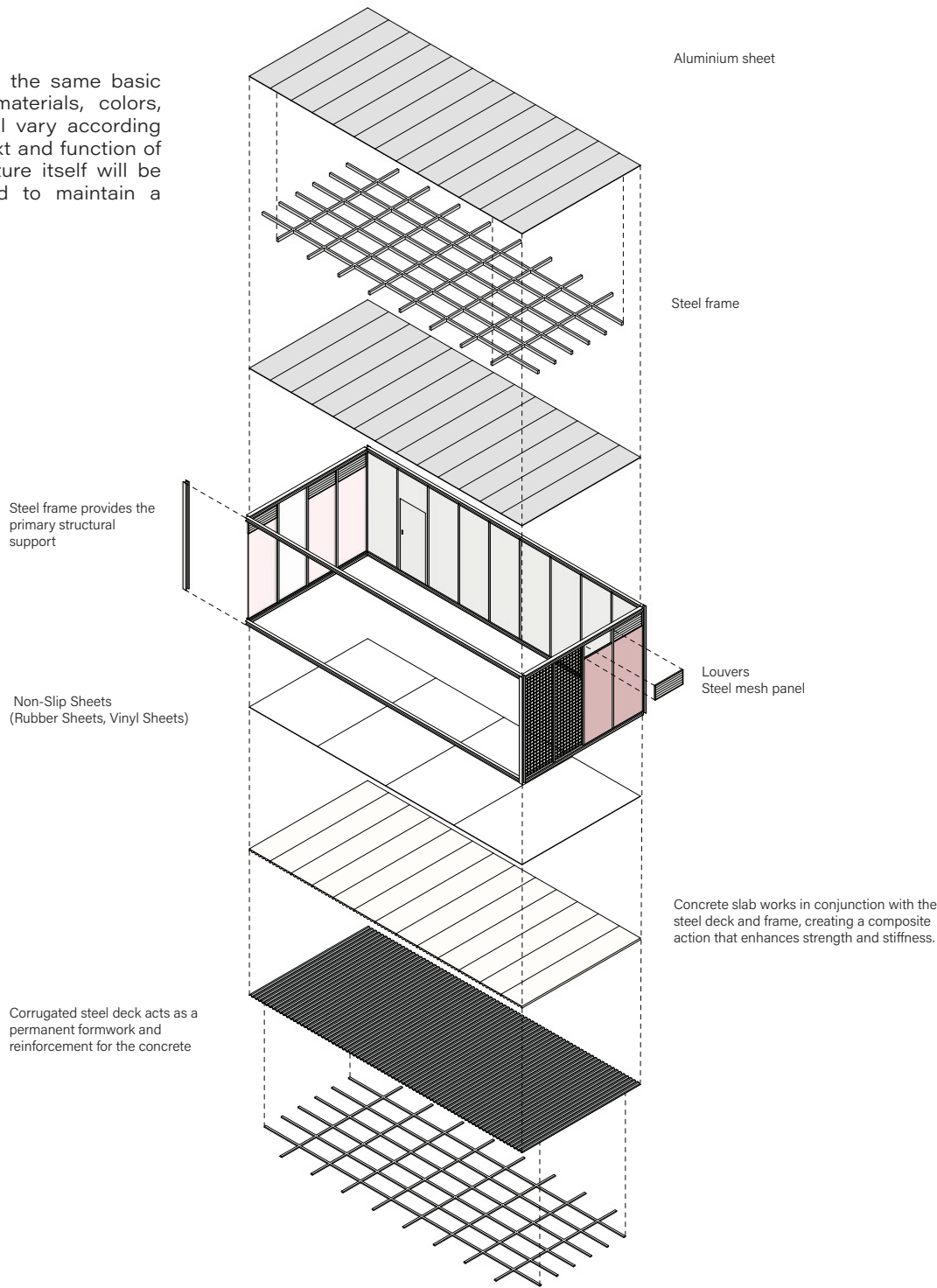
The room types are arranged for optimal suitability but remain flexible for reconfiguration, as they align with the parking lot's column grid system. Open spaces are incorporated into the layout for natural ventilation or to create a central garden area.

STRUCTURE



STRUCTURE
MATERIAL

Each room will have the same basic structure, but the materials, colors, and arrangement will vary according to the specific context and function of the room. The structure itself will be lightweight, designed to maintain a minimal load.



WALL STRUCTURE

The materials include clear polycarbonate, opaque colored polycarbonate, and foam-core sandwich panels.

