

# Ruen Lom | Ploy Catalina P.

A luxurious residential building features unique, modular layers designed for specific purposes, with a core that serves as both a structural and ventilation system. Harnessing natural airflow from the northern side, the design circulates cool air throughout the structure, reducing reliance on mechanical cooling and promoting energy efficiency. Located in Phra Nakhon, a historically rich area, the project blends modern design with cultural heritage, enhancing its prestige. The building integrates with the flat terrain near the Chao Phraya River, using contouring for seamless design. Each floor reflects the height of nearby buildings while prioritizing space efficiency, structural integrity, comfort, and privacy. To alleviate traffic congestion, a skate park is included as a recreational space, along with terraced greenery offering a peaceful retreat. The design fosters public interaction by connecting to a neighboring school while maintaining residents' privacy, balancing openness with seclusion. This project combines sustainability, modern design, and respect for the historical context of Phra Nakhon, creating a luxurious, adaptable residential space that benefits both residents and the broader community.