

Sky Habitat

Singapore



Project Summary

Client:	CapitaLand
Land Area:	130,000 square feet
Status:	Completed
Completion:	2015
Program:	Mixed-Use Residential. 509 residential units spread over 38-story blocks.
Amenities:	Recreational facilities, including a 50-metre lap pool, leisure pools, children's pool, a play area, tennis court, barbeque pits, karaoke rooms, function room and gymnasium.

Located in the neighborhood of Bishan, a residential area in the suburban heartland of Singapore, this 38-story residential complex explores the balance of high-density living with humanistic concepts of community, landscape, gardens, and daylight.

Breaking down the scale of typical singular tower residential development, the community-based solution of Sky Habitat is a three-dimensional matrix of homes with private terraces, balconies, and common gardens, bringing landscape into the air and maintaining porosity on the skyline. The complex's strong stepped form recalls the community texture of ancient hillside developments and provides for lush vertical greenery, multiple orientations relative to the sun, naturally ventilated units, and generous views, all without compromising planning or structural efficiency.

Three bridging sky gardens link the two stepping towers and create a series of interconnected streets, gardens, and terraces in the air, which provide a variety of areas for common recreation and congregation. As a result, the overall mass is porous and open,

allowing breezes to flow through and daylight to penetrate deep into the structure. The stepping geometry allows every residence multiple orientations and a private outdoor space, resulting in a more humane and delicate urban fabric.

At the ground plane, above a sunken parking podium, more than 70 percent of the site is developed into a series of lush gardens, which offer additional outdoor event areas, swimming pools, a tennis court, and walking paths.

Design Architect: Safdie Architects
Project Design: Moshe Safdie
Project Principals: Charu Kokate, Jaron Lubin, Greg Reaves
Project Team: Howard Bloom, Chris Guignon, Jennifer Hardy, Dan Lee, Damon Sidel, Temple Simpson
Executive Architect: DCA Architects Pte Ltd
Landscape Architect: Coen + Partners, USA
Executive Landscape Architect: Coen Design International, Pte Ltd Singapore
Structural Engineers: RSP Architects Planners & Engineers Pte Ltd
Mechanical and Electrical Engineers: Squire Mech Pte Ltd

###