

PUNGGOL ARCHIPELAGOS

charting new waters
carving new homes

MASTERPLAN CONCEPT

The vision for Punggol Waterway's first public housing project aspires to be forward-looking, catering to the lifestyles of future generations, harmonious with the natural environment; vivacious under the sun, along the water's way. Our design approach revolves around the 3 key elements essential in reaching beyond new living standards and environments – Water + Green + People, beyond the standards.

Water - Genesis

Taking water as the central design theme for the development, the genesis of the housing project stems from its existential connection to water. The 21st century public housing is to be contained in living vessels symbiotically linked with nature. Just like the fact that an island is only defined by the sea that surrounds it, Punggol Archipelagos is borne out of the new Punggol Waterway. A cluster of islands, each housing block is both self-contained teeming with life, while seamlessly connected with each other in a constant flux of sculpted nature. The built environment corresponds to nature's bends and folds in an undulating transition between the surrounding site and the waterway.

Green - Growth

Adopting the waterway as a regenerative tool, landscape and building synonymously articulate the flow and dynamism of a river, flowing from the promenade, into the precinct and into the home. As if Punggol waterway could follow you home, greenery infiltrates at every level and scale of the housing development. The housing blocks feature courtyards and lift lobbies in generously open air wells that receive residents in a nature-infused setting made possible by purposefully prying open the housing blocks. Discover and delight in the 3 distinct levels of green spine appropriately named River Dunes, River Canyons and River Ridges defined by the terracing built environment carved in the flow of landscape.

People - Life

In the sea of green and blue, life begins. The constructed living environment is fashioned around community bonding and outdoors living. Catered to the individual and the collective, we think about lifestyles that are harmonious with nature, dynamic and progressive. Much like the constant flux of the water current, the next generation of public housing is designed to evolve and reach beyond the standards.

SITE ANALYSIS



Site Plan Data	Parcel A			Parcel B			Parcel A & B		
	Site Area (m ²)	Plot Ratio	GFA (m ²)	Site Area (m ²)	Plot Ratio	GFA (m ²)	Site Area (m ²)	Plot Ratio	GFA (m ²)
	17489.0	3.4000	59462.6	27400.0	3.0002	82207.0	44889.0	3.1560	141669.6
Storey Height	From 6 to 17 Storey								
Total Dwelling Units	437	266	64	605	361	86	1042	627	150
Total Carpark Lots	266	361	86	605	361	86	1042	627	150
Total Motorcycle Lots	64	86	150	86	150	274	150	274	274

Flot Type Distribution	Parcel A			Parcel B			Parcel A & B		
	3 Room	4 Room	5 Room	3 Room	4 Room	5 Room	3 Room	4 Room	5 Room
	34	296	107	42	396	167	76	692	274

SCF Facilities	Parcel A	Parcel B	Parcel A & B
Education Center	600 m ²		600 m ²
Future SCF	500 m ²		500 m ²
Precinct Pavilion	200 m ²	200 m ²	400 m ²
Childcare Center		500 m ²	500 m ²
RC Center		160 m ²	160 m ²

