

HOUSING **DESIGN AWARD**

Woodleigh Glen

Project Overview

Valleys, or glens, have historically been a source of life for settlements because it is where water flows through, making it a hub for communities to thrive. This imagery of valley-hillside-living forms the inspiration for Woodleigh Glen.



Set in a natural valley, Woodleigh Glen capitalises on the distinctive character of the site. Before Bidadari was a cemetery, it was the site of the picturesque Alkaff Gardens of rolling hills and garden bridges. These topographical features are still largely present today. The undulating terrain presents an opportunity for a different form of housing and parking typology that is interwoven with the surroundings, accentuating the site's natural features. The natural valley forms the heart of the precinct, an experiential journey through a multi-layered series of landscapes. Inspired by garden bridges of the Alkaff Gardens, link bridges span across the green valley, joining up 6 roof garden courtyards to form one interconnected precinct landscape.

An environmental study was conducted to preserve the ecology of the site, such that it complements the adjacent wooded hillock providing an important stopover for migratory birds. A sky garden faces this hillock at the tree-canopy level to bring residents even closer to nature.

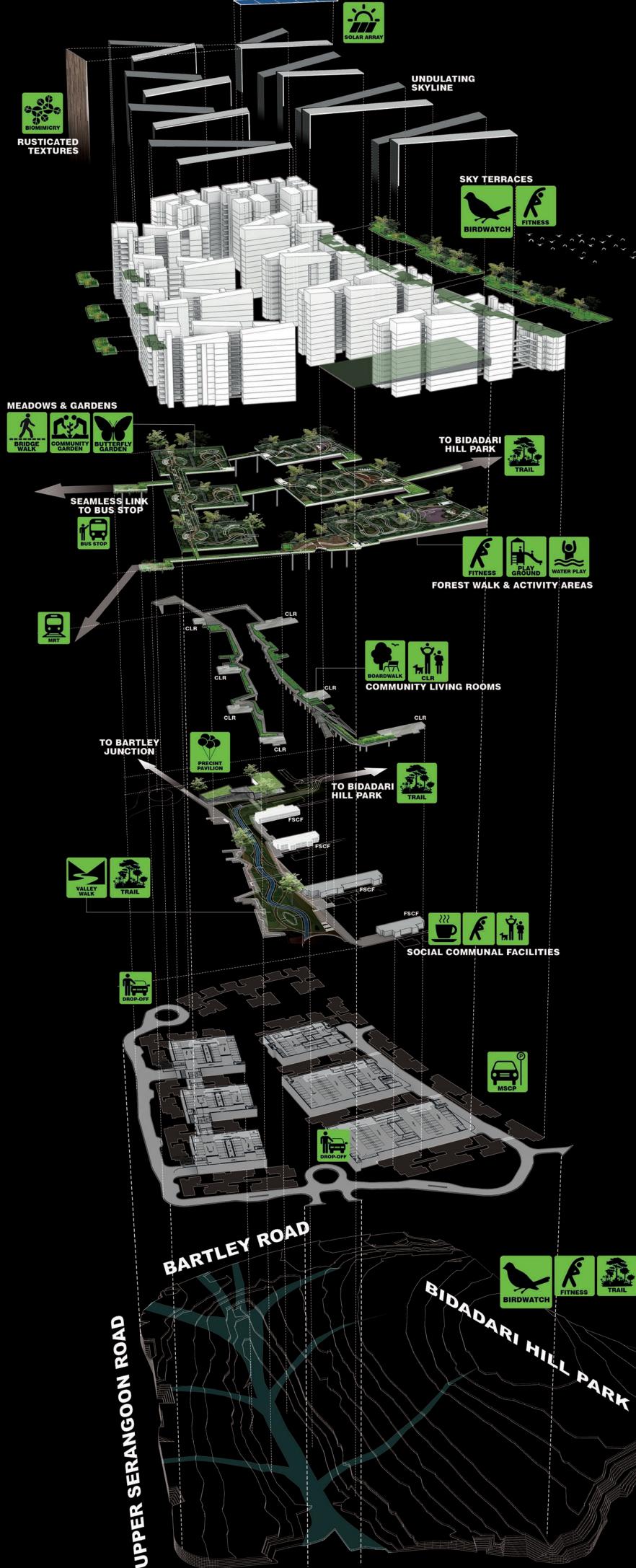
Central valley spine of interweaving pathways



Roof garden link bridge as entrance gateway to the precinct

Site section across the central valley spine showing a cascade of green terraces





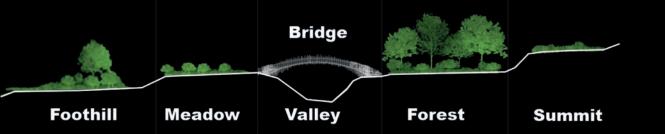
Roof level

Rolling and Solarised Roofscape

The roofscape slopes in alternating directions to create an undulating profile reminiscent of the rolling topography of Bidadari. The form also acts as an armature for solar panels, energising the precinct with renewable clean power.

10th storey **Sky Gardens for Bird Watching**

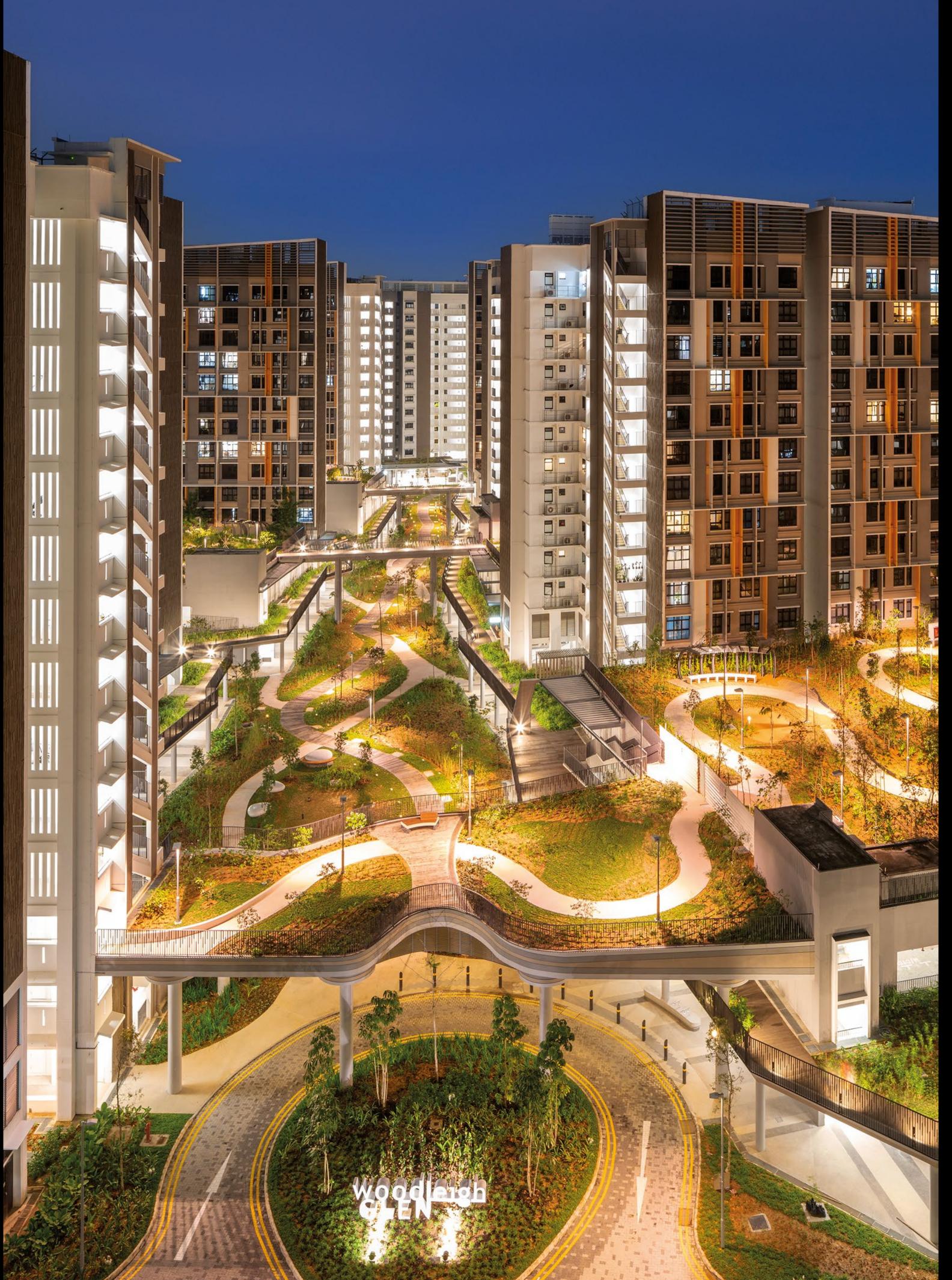
Overlooking Bidadari Park, these roof gardens offer breathtaking views, enabling residents to truly reconnect with nature.



3rd storey **Necklace of Courtyard Gardens**

Entering from the busy sidewalks of Upper Serangoon Road, one is invited into the first series of courtyard gardens themed as Active Meadows featuring activity lawns, community gardens, butterfly and sensory gardens. On the eastern side of the village street, the gardens comprise lush trees and streams to evoke closeness to nature. The elevated courtyard gardens are linked via garden bridges inspired by the former Alkaff Gardens.

2nd storey **Elevated Green Breezeway** A pair of community promenades line the village street on



both sides. Apart from serving as a covered walkway on the 1st storey, the promenades on the 2nd storey also string together a series of urban verandahs that overlook the village street, where residents can come together or sit and enjoy the view.

Ground level **Our Village Street**

At the heart of the precinct lies a tranquil green valley, where residents can take leisurely strolls and enjoy the experience of being amidst lush greenery.

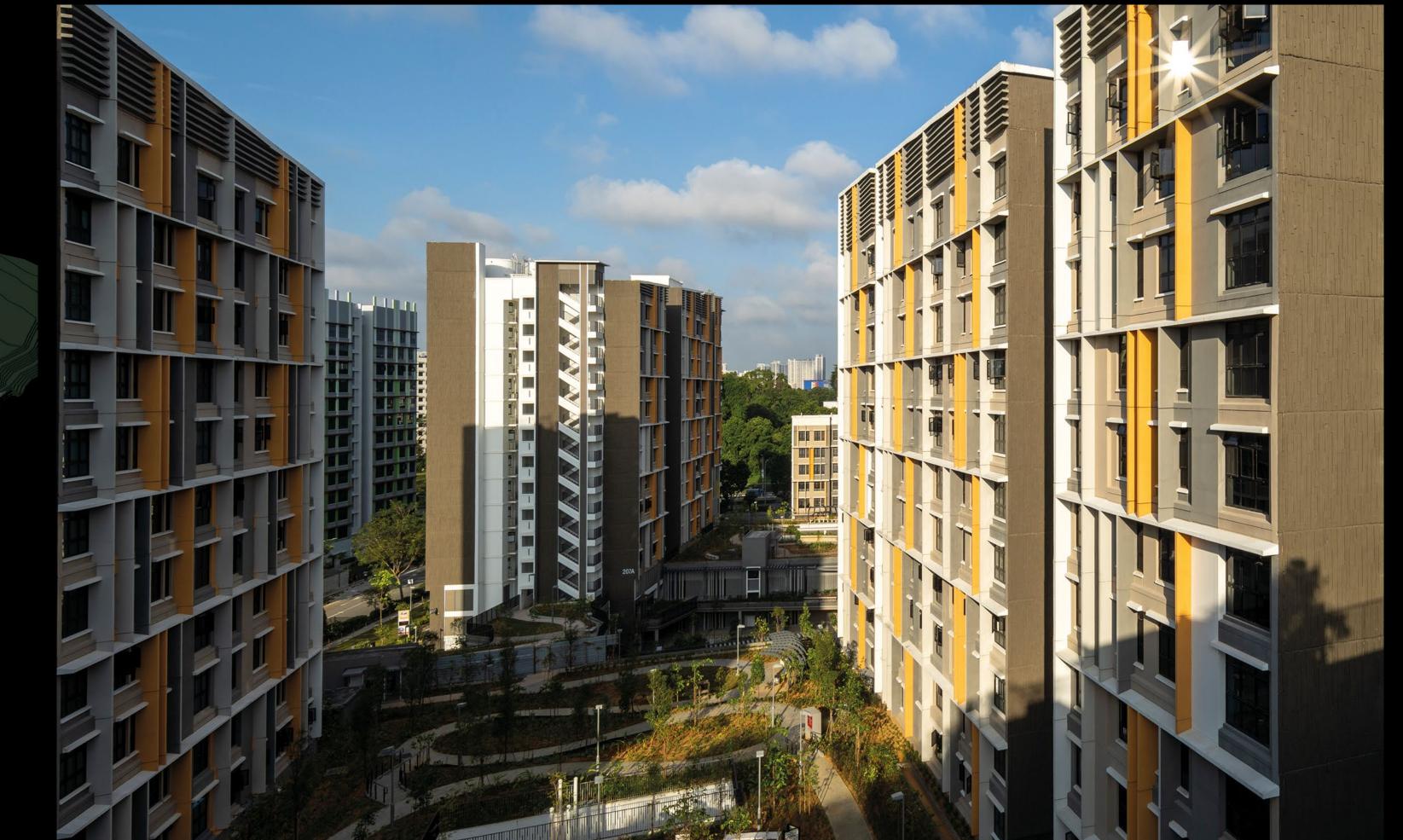
Invisible Infrastructure

Low-rise car parks that are sited between residential blocks and hidden under the courtyard gardens offer residents direct access to their homes. Internal roads are pushed to the fringes, so that the heart of the precinct remains car-free, and a safe environment for all.

Topography

The existing topography is a natural valley that slopes up towards Upper Serangoon Road and Bidadari Hill Park. The morphology of the development accentuates this undulating terrain by retaining the existing valley and inserting a series of green terraces that slope up towards the Hill Park.

View of central valley spine with interconnected landscape trails across multiple levels







Legends 1 Residential Block 2 Roof Garden 3 Central Valley 4 Verandah Walk 5 Garden Bridge 6 Precinct Pavilion 7 Bird-Watching Sky Garden

Courtyard roof gardens between residential blocks





Forested rooftop courtyards act as forecourts to the residential blocks

Bird-watching sky gardens facing Bidadari Hill Park

