

tierra
P O D



In 1993, Franklin Po returned to his native Singapore after 25 years of rigorous training in the United States. With a vision for the future, his aim was to create a design firm that would transform architectural landscapes across Asia. The result is TierraPOD.

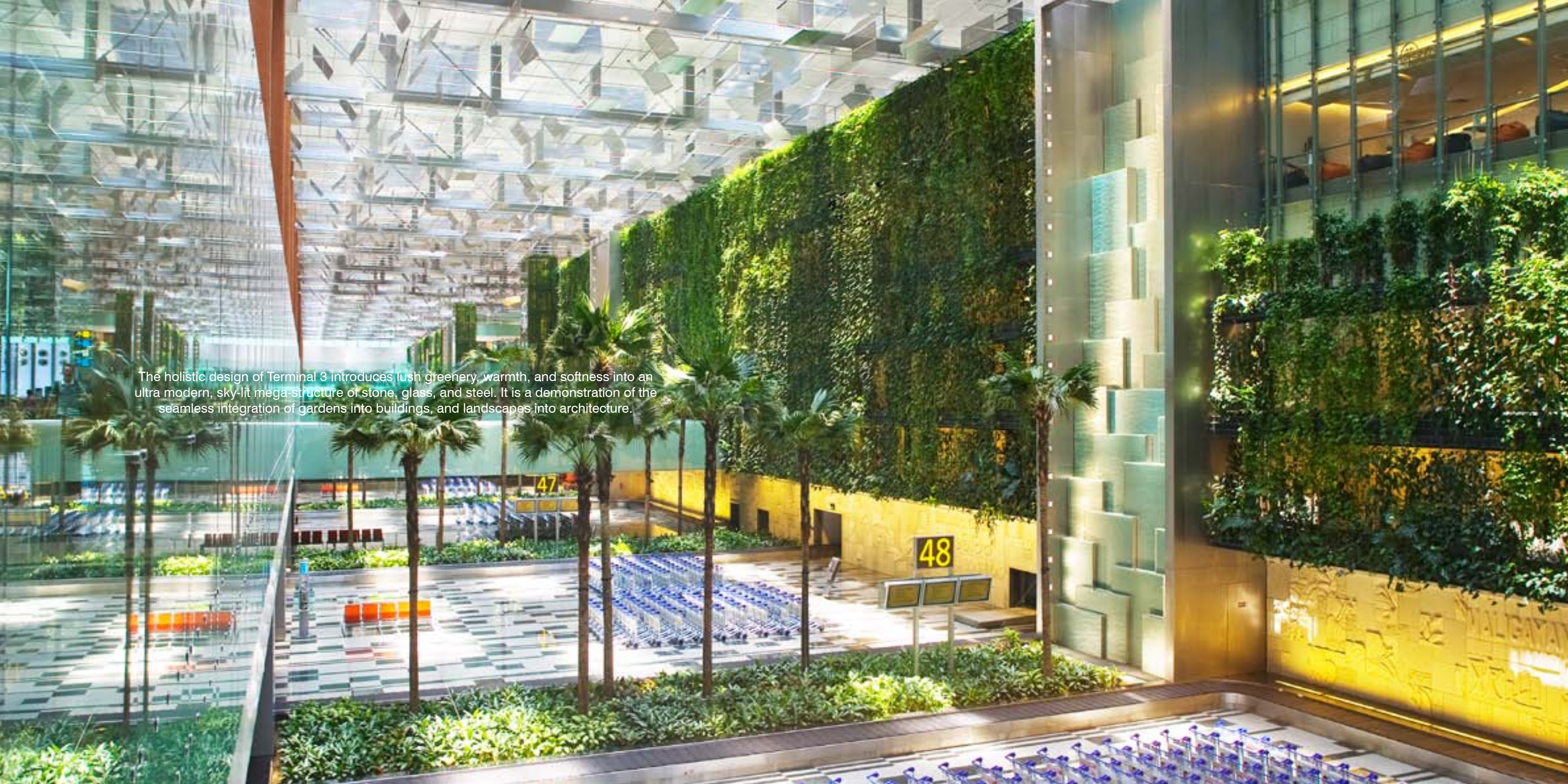
Derived from “Terra,” the Latin word for “earth,” and “Pod”, the incubatorial womb of a seed – to jointly represent “germination from the earth” – TierraPOD focuses on thoughtful design that is both holistic and elegant, yet practical and simple. Faithful to these origins, TierraPOD depends heavily on bringing the rhythms and hues of the earth, and the built environment to life by incorporating natural materials, colors, and sounds into integrated spaces. At the core of TierraPOD’s design approach are the people and their communities. A graceful play between active and passive forces helps people connect to their environment harmoniously.

With projects across 12 countries, TierraPOD draws from a growing interdisciplinary pool of talent that includes architects, engineers, designers, and scientists. They offer services focused on holistic integration of the built environment, including architecture, landscape architecture, master-planning, and interior design.

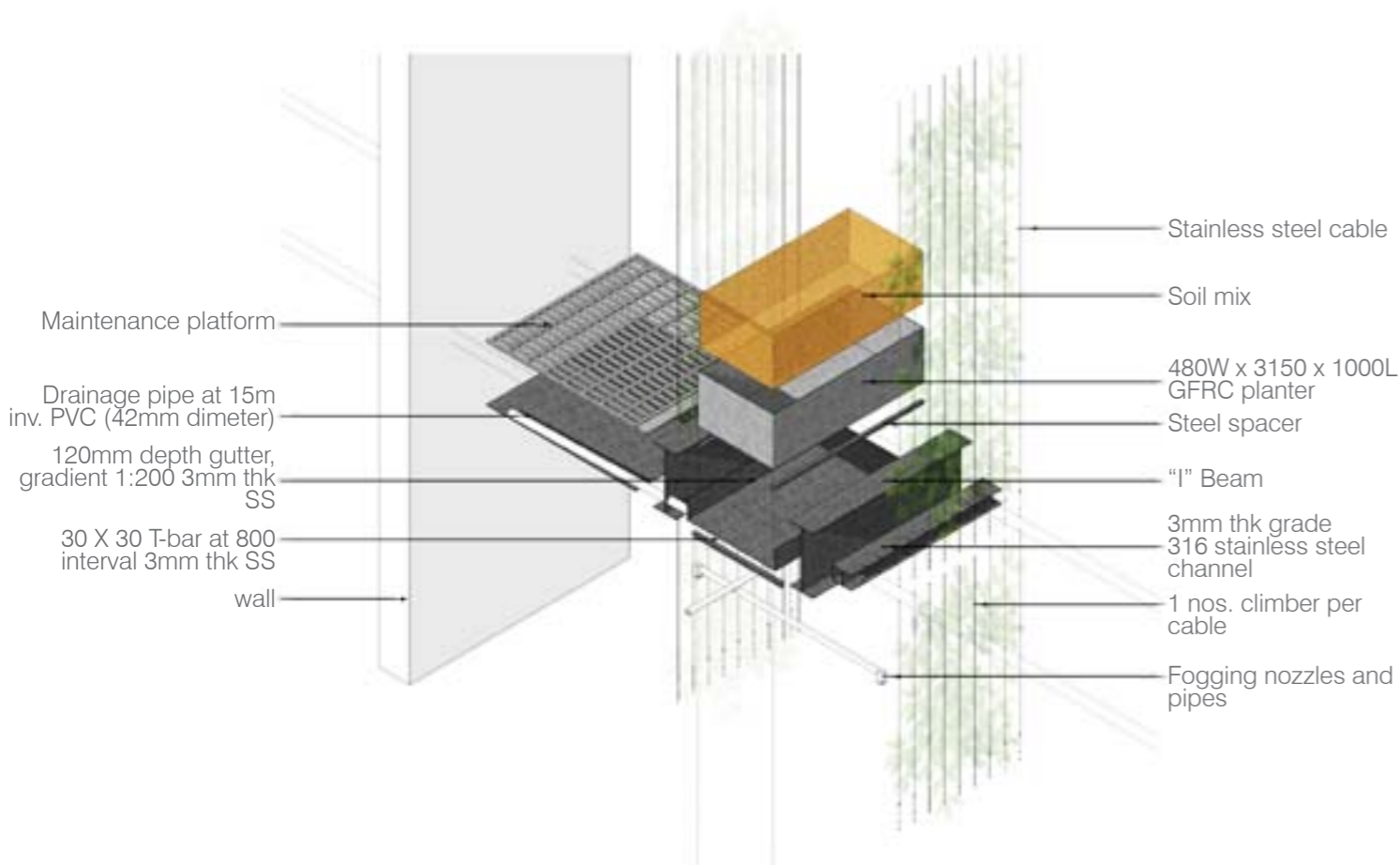
Designed in response to a world-wide competition the concept for Changi Airport's Terminal 3 was built around Singapore's commitment to being a "City within a Garden." The emphasis on conserving floor space and moving the gardens to the wall made the terminal and the airport first of its kind in the world.

CHANGI TERMINAL 3

Singapore
Institutional
13,000,000 sq m
2008



The holistic design of Terminal 3 introduces lush greenery, warmth, and softness into an ultra modern, sky-lit mega-structure of stone, glass, and steel. It is a demonstration of the seamless integration of gardens into buildings, and landscapes into architecture.



This five-storey-high garden of vines and epiphytes hangs down an area over three football fields in length. In between, water glides gracefully down 20m-high laminated walls of shredded glass and stainless steel. More than 10,000 tropical plants are showcased across the green wall tapestry. Catwalks carefully hidden away allow for easy and safe maintenance of the plants.

Orchard Road is to Singapore, what Bond Street is to London, and 5th Avenue is to New York City -the premier high-end shopping strip in the city. ION Orchard is an award-winning urban design that holistically transforms the central node at Orchard Road into a state-of-the-art commercial, shopping, entertainment and residential centre. This project was part of the city's initiative to stimulate renewal and redevelopment in this premium commercial precinct.

ION

Singapore
Mixed Use
18,652 sq m
2012

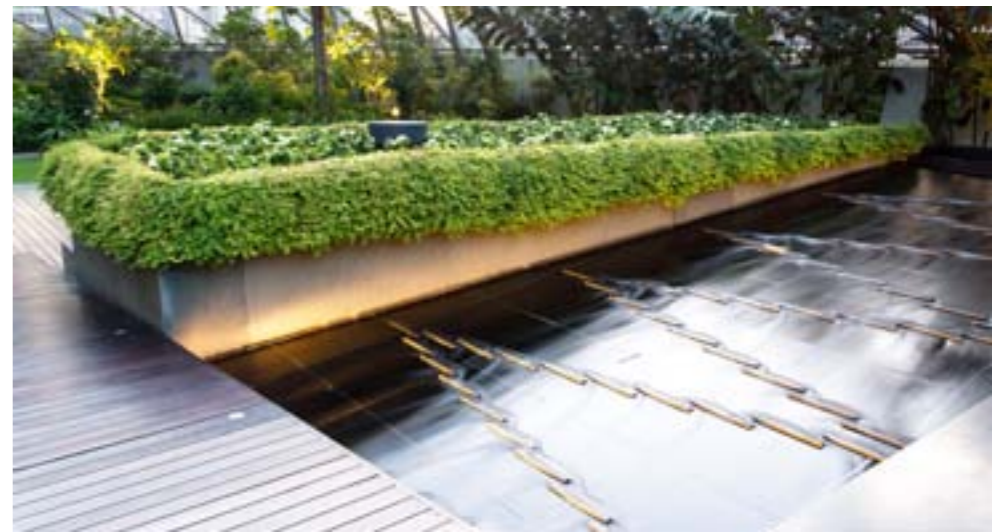
The challenge of landscaping one of the busiest pedestrian malls in Singapore, meant that it had to blend convenience and functionality, with beauty & calmness. Clean, open sidewalks, and elegant steps and ramps invite visitors of all ages – mothers with prams, the elderly and the physically challenged to experience the mall's glamour.





Lush greenery punctuates the walkways along Paterson Road and Orchard Boulevard. A verdant vertical wall, spanning 60m in length and 3m in height, lines the building along Orchard Road. To enhance this vertical garden, shards of stainless steel troughs are used, adding a touch of randomness, and punctuate the evening with a symphony of lights.





The landscape design for this ninth-storey terrace garden of the upscale Orchard Residences neutralises the busy surrounding cityscape with a tranquil environment. Flowering trees scent the water and the air and carefully designed water features and reflecting ponds ensure that the sound of running water is heard throughout the terrace. Natural materials in the water features, the planting, ramps and the gazebos create a sense of warmth and intimacy with nature within this urban oasis.



HMAC

ION
RECREATION

This lush, iconic landmark is both an engineering and architectural marvel. It's five-acre site was designed to house seven massive pumps as part of the comprehensive drainage scheme to prevent flooding and transform the Marina Basin into a freshwater reservoir. Originally a rectangular industrial substation of metal to the massive pump house was off limits to the public. The final design used a simple spiral structure integrate the vast green surroundings resulting in a beautiful roof garden.

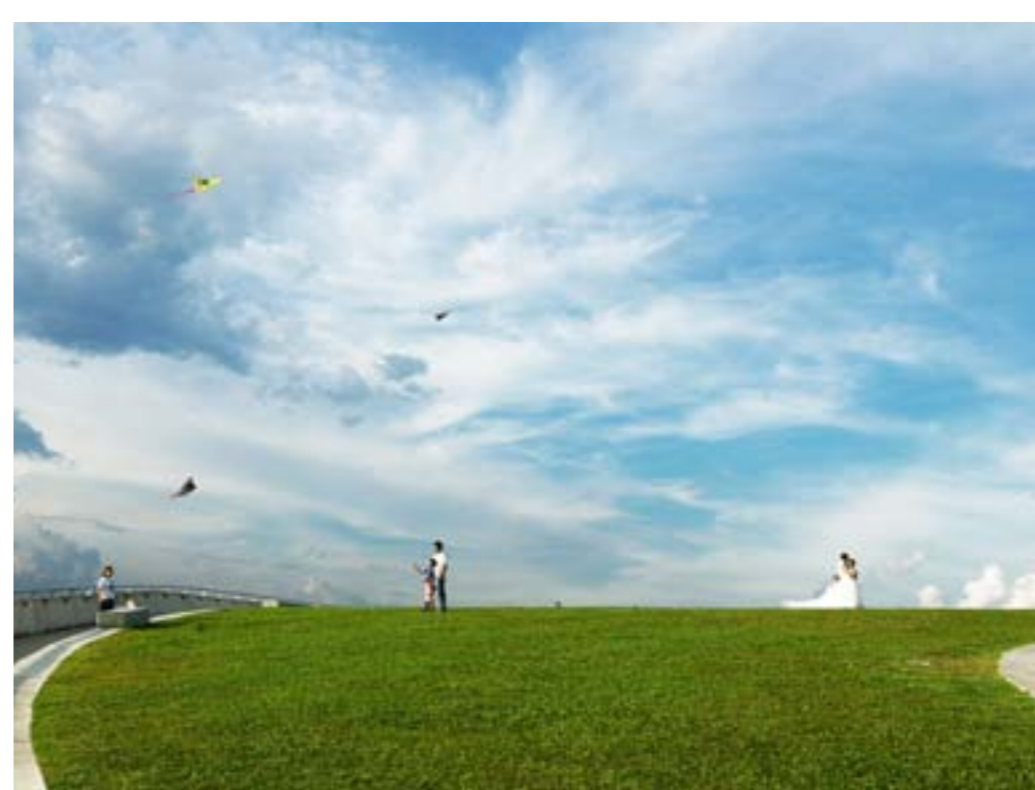
Accessible at different levels, the Marina Barrage is now a popular weekend destination, and education center that showcases Singapore's stellar water system.

MARINA BARRAGE

Singapore
Infrastructure
20,234 sq m
2008



The Barrage's design features a spiral shape leading up to a green roof. Its roof reduces visibility of the pumping station and allows the building to be accessible from various points. Also, the roof with different entrances along the inner and the outer spirals allows visitors to move in and out without having to retrace their steps.





The premise for the Youth Olympic Park was to design a park for displaying art submitted by Singaporeans ranging from primary school students to professional artists. The design of the park seamlessly combines the works of art while navigating through the surrounding multi-functional and multi-level landscape. Among other features, the park incorporates a maze and a mound inspired by the artwork.

YOUTH OLYMPIC PARK

Singapore
Institutional Park
4,962 sq m
2010

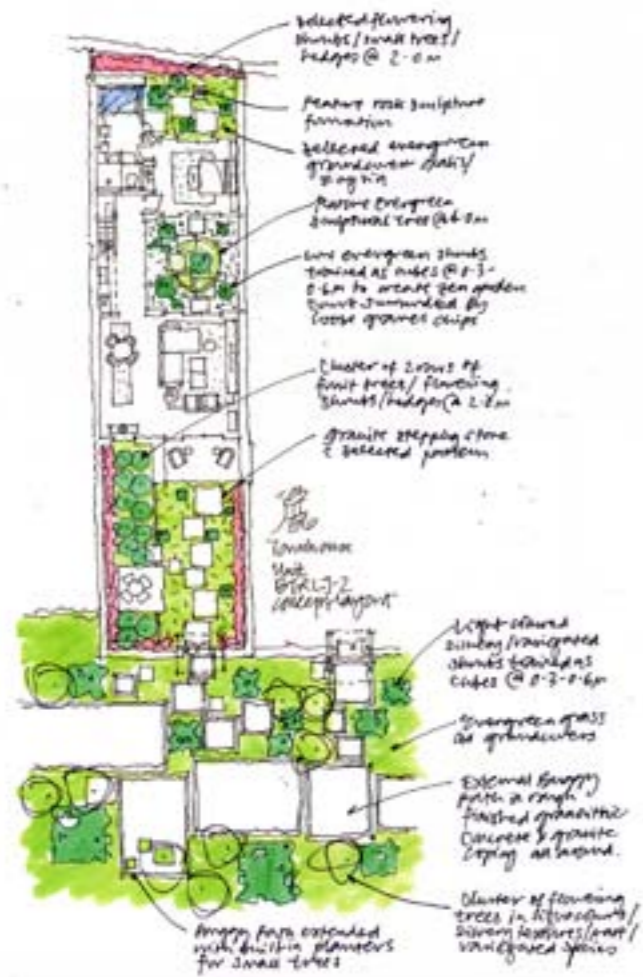




The landscaping for this 5-star luxury spa resort near the historic city of Lijiang, China echoes the culture, ecosystem, and history of this 900-year-old UNESCO World Heritage site. From the understated water and granite fountain at the entrance plaza, to the delicately-scaled private villa courtyards reminiscent of the individual family plots of the original old city, the design language is fully committed to preserving the old world calm by whisking the resort's modern-day patrons off to another world and time.

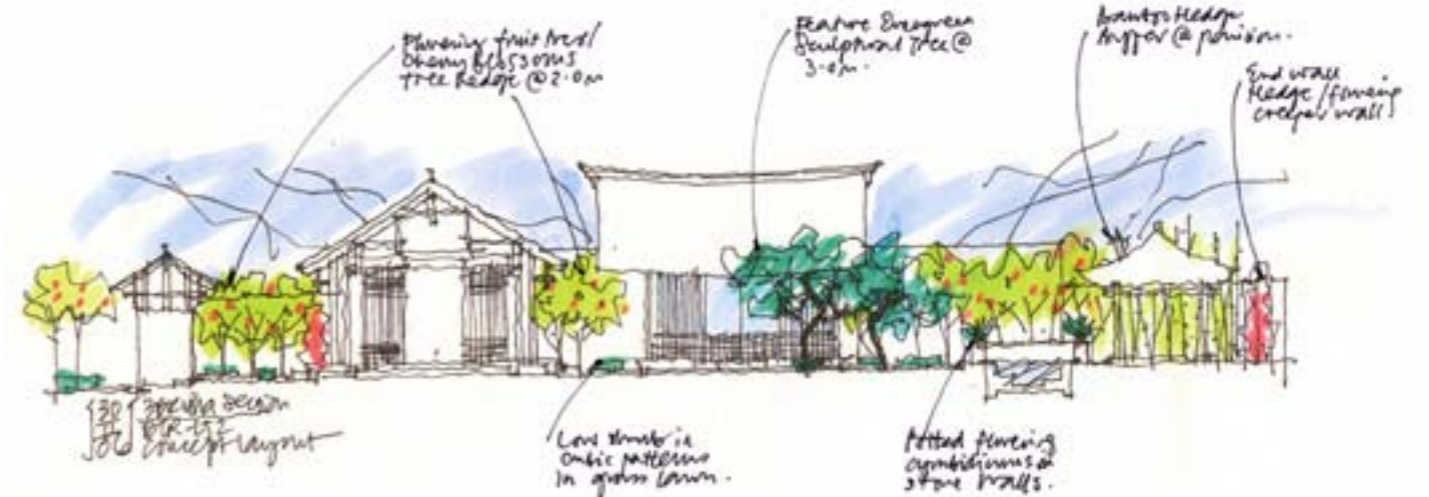
BANYAN TREE

China
Hospitality
137,592 sq m
2008





Architectural elements of 16th century Lijiang, such as pathways, courtyards, bridges, and waterways enhance and integrate with the modern offerings of these courtyard villas.



Willow-tree-lined waterways are a throwback to the trading days of the city where bustling canals were the lifeline of the land. The softscape is divided into large rectangular plots with a planting system that echoes the uniformity of the architecture. Carefully nurtured plants alongside green lawns accent the gardens, sustaining the flow of life in this peaceful resort.



Located within the Central Business District adjacent to Singapore's first privately owned garden Hong Lim Park, ParkRoyal-on-Pickering is a demonstration of how greenery can be harmoniously integrated with the form & function of a business hotel combined as office development. The intricate tropical landscape spread over several layers of the building take up an area twice the size of the entire building's footprint.

PARKROYAL

Singapore
Hospitality
6,960 sq m
2012



The visitor's experience begins at the street level, where tropical greenery and architectural elements blur the lines between where the neighbourhood ends and the hotel begins. Strategic landscape veils any hard edges, and extends greenery upwards as well as into the lobby and interior public spaces of the hotel.



Above the traffic and noise of the city, the hotel's guest recreational facilities rest on an open-air podium fashioned as a tropical rainforest resort in the sky. Terraced setbacks on the façade nest trees and dense foliage that reach high up along the side of the building. Contoured sky gardens at every fourth level feature towering palms and overflowing curtains of leafy plants, perpetuating the landscape language vertically throughout the building.



The landscaping was conceived entirely with environmental sustainability at the forefront of the design. Recipient of Singapore's Green Mark Platinum Certification, this urban resort has Singapore's first solar-powered auto-irrigation systems that use rain and recycled water for the plants.

Spread over 100 acres within close proximity to the new Hyderabad International Airport, Videocon Royale is envisaged as a premier gated development of luxury villas set within a garden-like setting. The overall landscape expression is guided by the idea of blurring the boundaries between public open spaces, roads and private plots. Landscape gardens extend seamlessly from the roof decks of private villas to the common open spaces physically and visually, creating a dynamic multi-layered landscape expression.

VIDEOCON

India
Residential
377,694 sq m
2012



The subtle expressions of traditional Indian elements of kunds (stepped wells) and jalis (screens) can be seen within the landscape, woven into a contemporary expression.



Gardens pockets enliven four corners of this complex, while strategically placed lawns & arboriculture add to the openness of the plan. Tropical plants define the borders of this residential complex, separating it from the bustle of the city outside. The interior décor is guided by a muted palette of earth tones. Simple and elegant furniture and fittings perpetuate the message of simplicity with substance

DA GUAN WU JI

Taiwan
Residential
5,675 sq m
est. 2014



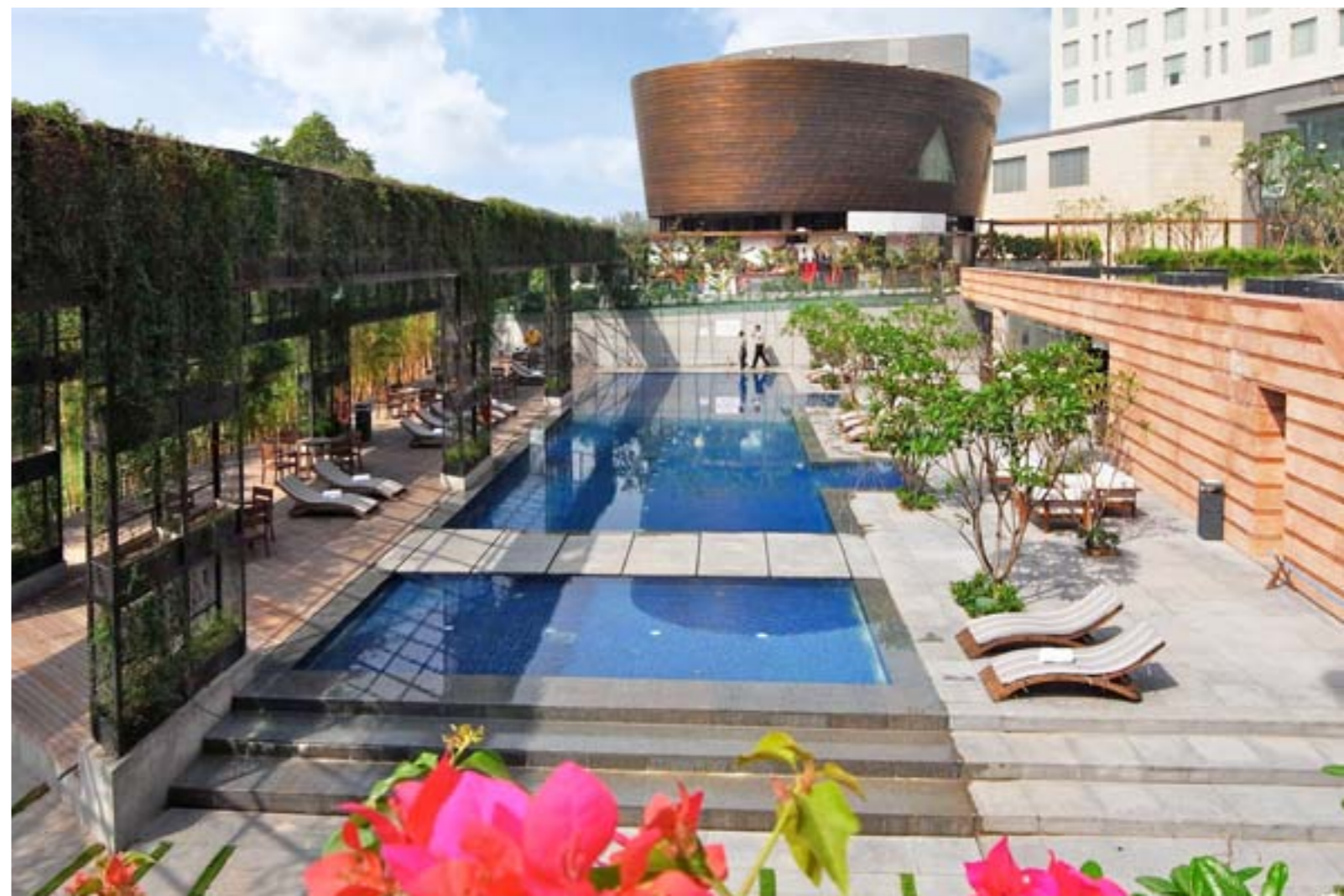
Offering reprieve from the grating noise of the industrial city of Gurgaon, the designers introduced a traditional courtyard concept, common in ancient Indian architecture, where women were allowed to lounge outdoors without their privacy being compromised. The result is an inward-looking landscape that respects the modesty and privacy of the Westin's diverse clientele.

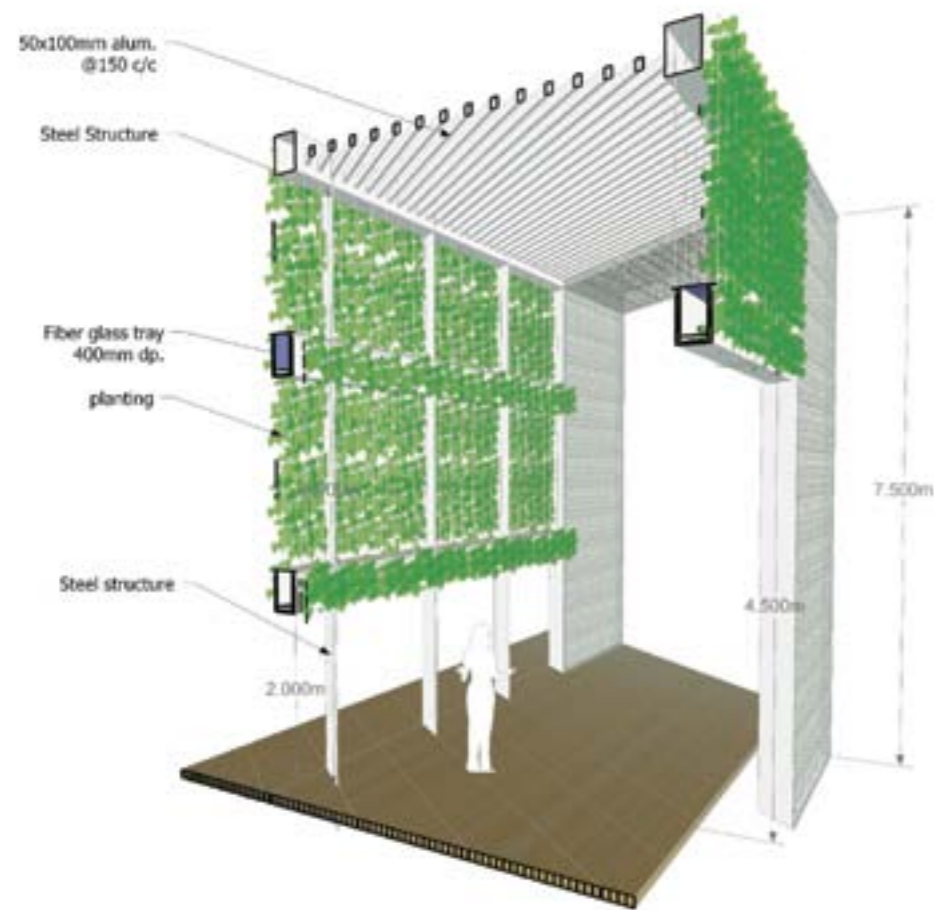
WESTIN HOTEL

India
Hospitality
46,170 sq m
2010



A water feature rising to the same level as the lobby floor becomes a constant reference point, engaging guests from the lobby and windows of every suite of the hotel. The fountain's truncated surface forms a tranquil reflective pond dotted with small trees in 'floating' planters. Glistening white water cascades directly down the polished black slate surfaces creating a fifth-elevation, for viewing from all rooms above.





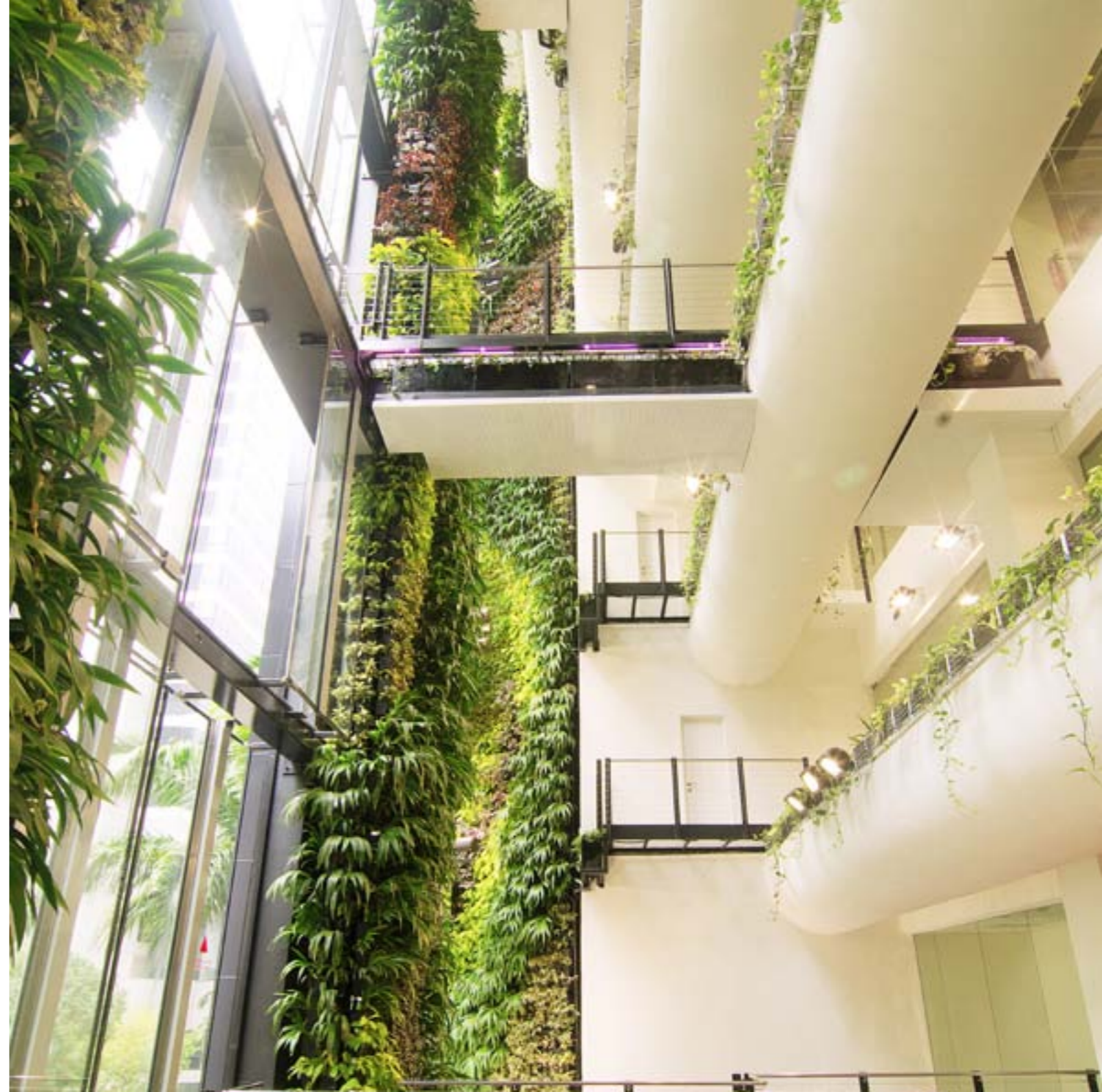
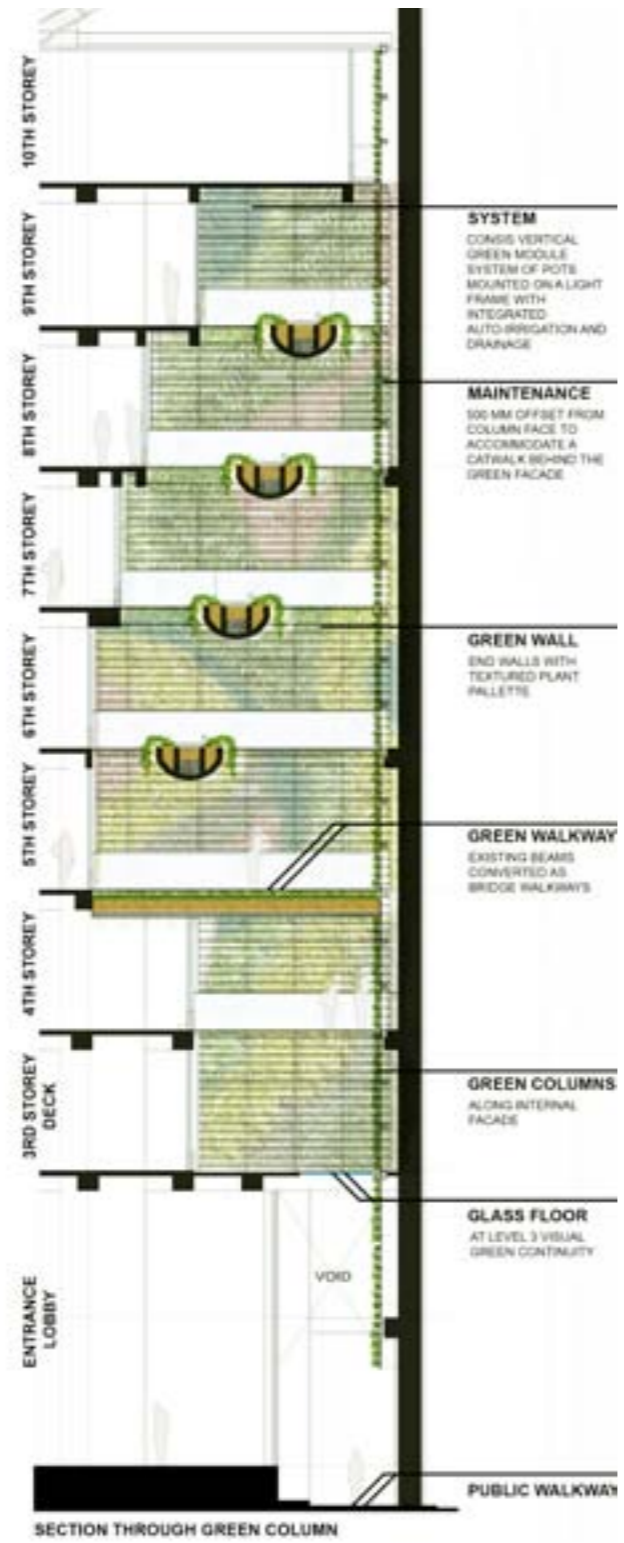
Deviating from the concrete austerity that is typical of this area in the Central Business District, 158 Cecil Street now shelters an internal private oasis of vertical green landscaping. Leafy tapestries in various hues and colours clad the existing wall space, rising upwards within the existing atrium. Seven stories high, the vertical garden sends a surge of life, energy, and visual excitement into the previously barren shaft of vestigial space of the building's atrium, while also preserving and accentuating functional floor space.

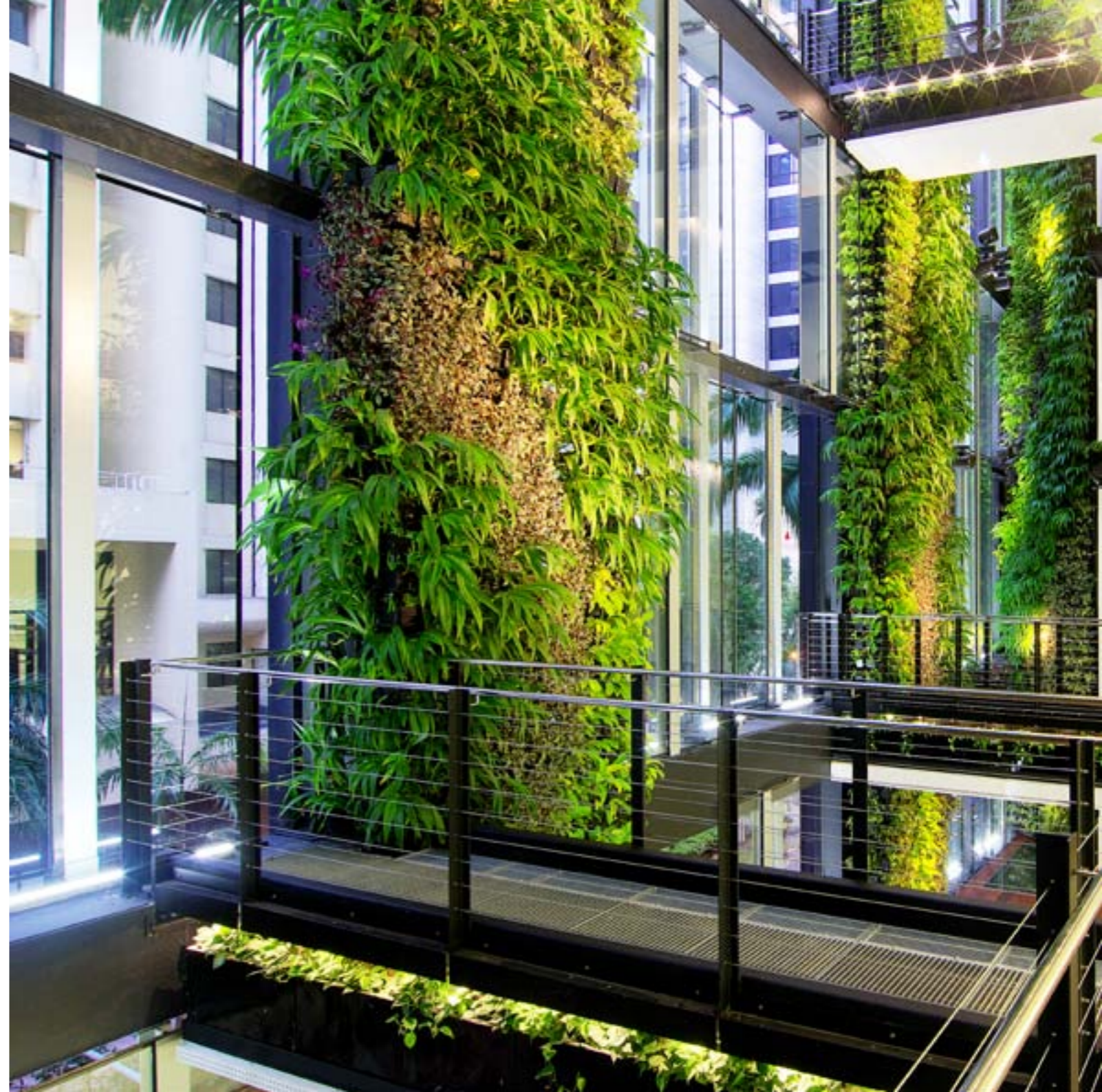
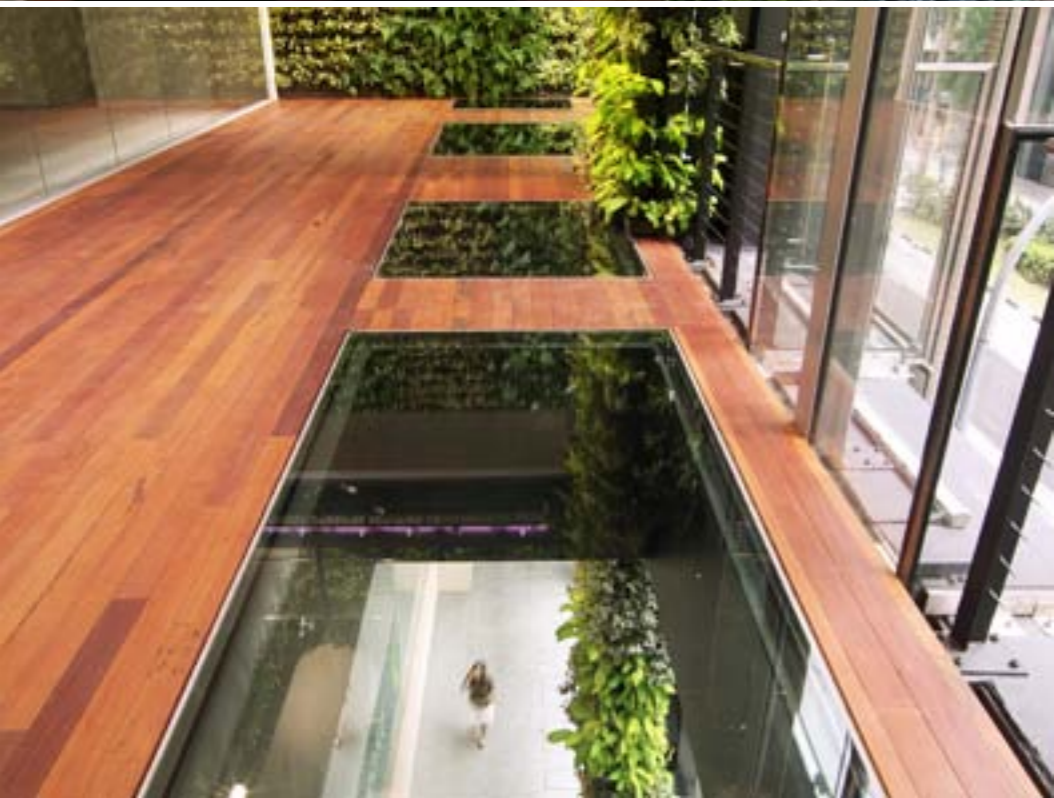
158 CECIL ST

Singapore
Comercial, Vertical Green
1,075 sq m
2012

A staggered façade of vertical glass panels moderate daylight and ventilation of the building. At night, artificial lighting illuminates the internal space, creating a captivating greenhouse-like view from the outside. For sustainability, dedicated irrigation tubes are connected to each of the 13,000 plants, with a central pump system neatly camouflaged behind the larger green walls. Maintenance is simple and safe as existing beams are transformed into skywalks and catwalks for access to the plants.







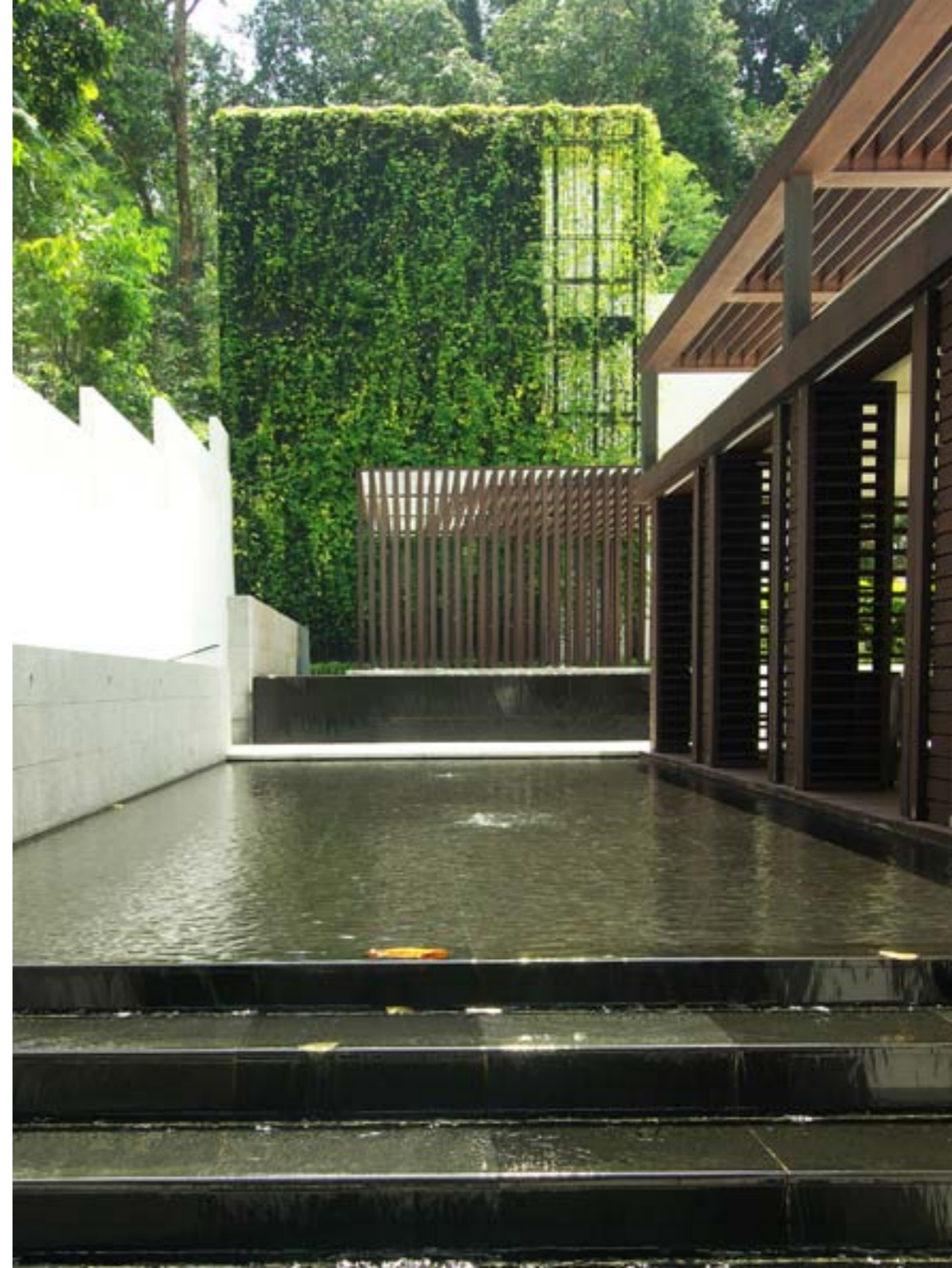
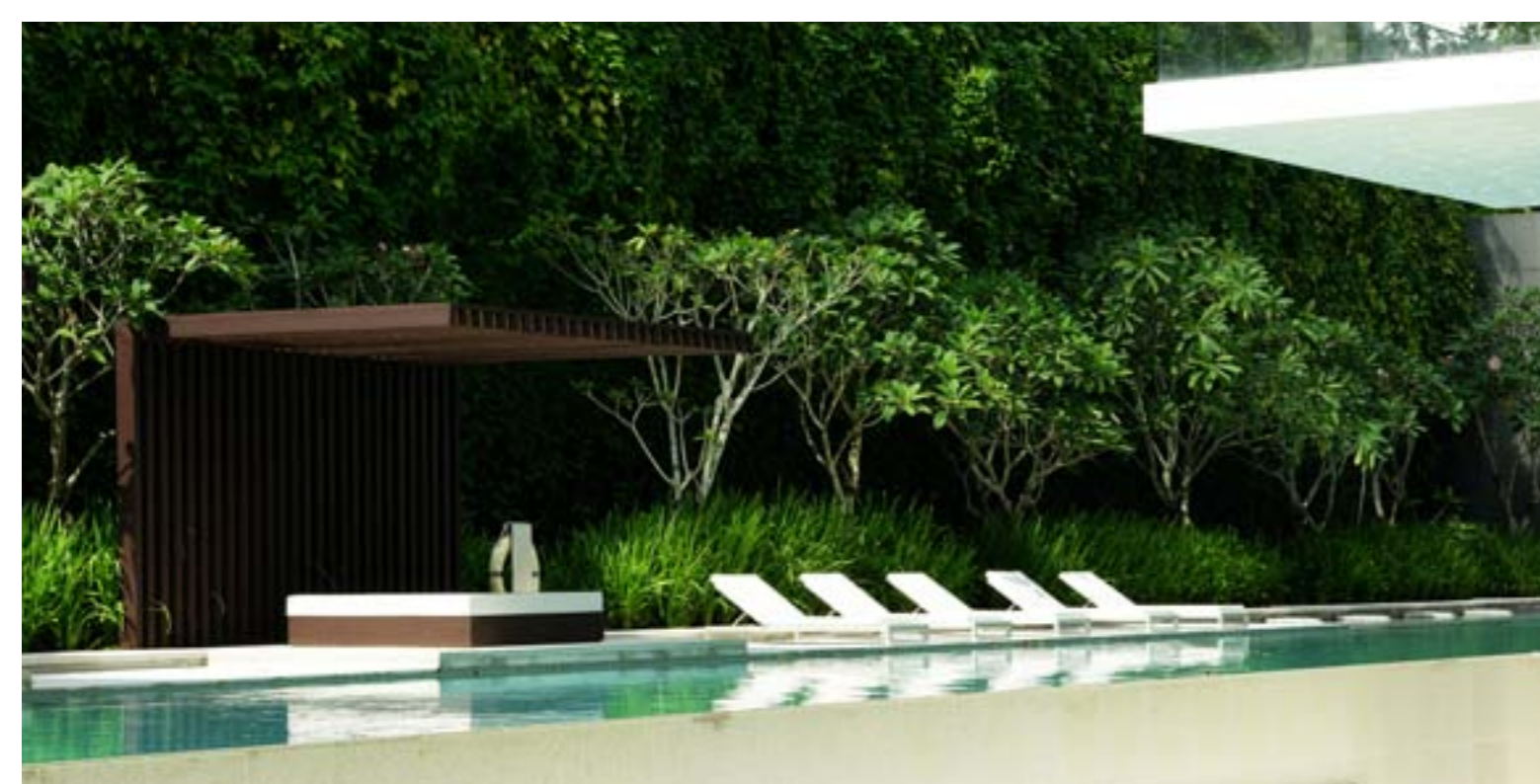
The landscape design of 8 Napier was built around accommodating and minimising the steep incline of the property. Flanked by a seven metre high wall on one side and the wall of a hospital building on the other, the design focuses on minimising views of the concrete and maximising emphasis on the greenery while moving through the property.

8 NAPIER

Singapore
Residential
6,774 sq m
2012

The generous forecourt at the entrance of the property is further enhanced by the placement of three aged syzgium trees. These trees anchor the forecourt, creating an effortless and beautiful transition from the busy street into the property. Against a monochromatic backdrop, the rugged stone feature contrasts against the orthogonal surfaces of the pond and the property





Seated at the base of a gentle hill in Holland Park, Singapore, 8 Box House is one of six distinctive bungalows of the Lien Villas Collective. To give add variety & color, each bungalow on the property was assigned to a different architect, TierraPOD was commissioned to develop the site plan and create what is now the iconic 8 Box House.

8 BOX HOUSE

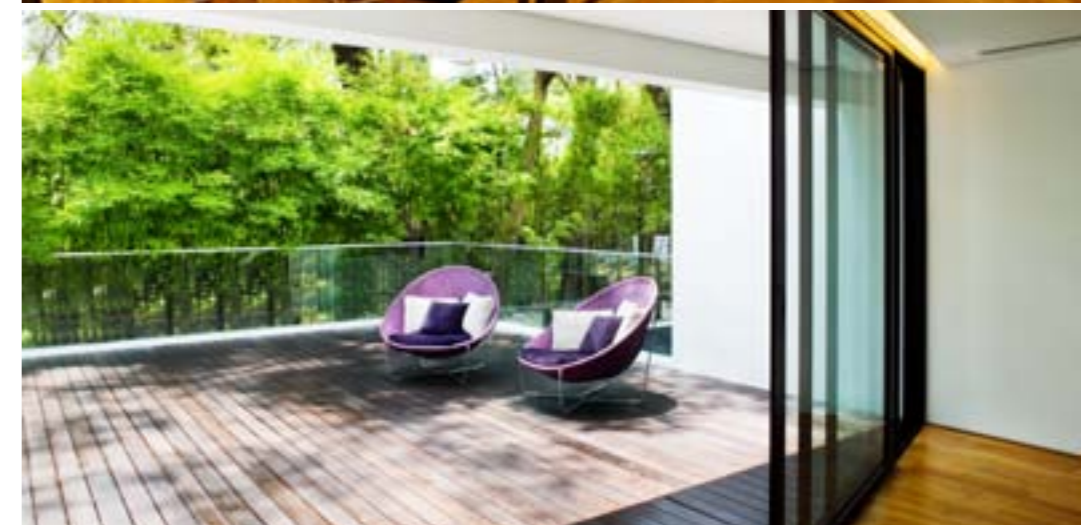
Singapore
Residential
2010

Today, the 8 Box House holds its own amongst its four 'sibling' houses, and the conserved patriarch house. The bungalow is a cluster of eight giant white boxes, each containing a room of a different size and directional orientation.





The final massing offers a unique view of the house from different angles. It features internal spaces that are interconnected physically and visually to each other, as well as to the surrounding views outside. The 8 Box House project presented a unique opportunity for TierraPOD to advance the value and appreciation of distinctive architecture in Singapore.



Central to the final site plan is a primary view corridor that pivots from the entrance of the patriarch bungalow. While it provides a welcome stretch of shared garden spaces for the various families to enjoy, the concept of the verdant spine also unlocked tremendous new value for the site. The plan allowed for the parceling of the component plots in such a way that a sixth bungalow could be added to the site.



AWARDS AND HONOURS

World's Best Vertical Garden Design Gold Award, World Green Roof Congress (WGRC Hangzhou), 158 Cecil Street Singapore, 2012

World Architecture Festival, Shortlisted for Landscape of the Year, 158 Cecil Street Singapore, 2012

Skyrise Greenery Awards, First Prize, Hanging Garden in CBD – A Fusion of "Archi-Nature" at 158 Cecil Street Singapore, 2011

ASLA Professional Awards, Honor Award, Changi Airport Terminal 3 Interior Landscape, 2009

SILA Merit Award for Institutions Category, Greenwall @ Changi Airport Terminal 3, 2007

SILA Silver Award for Parks, Open Spaces, Recreation Areas Category, Banyan Tree Resort, Lijiang China, 2007

SILA Commendation for Institutions Category, Mandai Crematorium & Columbarium Complex, 2005

RIBA Worldwide Awards 2005, Lincoln Modern Singapore, 2005

SILA Runner-Up Award for High Density Housing Category, The Loft Condominium, 2003

SILA Merit Award for Private Residential Category, No. 4 Morley Road, 2001

SILA Winner Award for Private Housing Category, Residential House at Bintong Park, 1996/7

SILA Participation Award for Private Housing Category, Camden Road Residence and White House Park Residence, 1996/7

City of Los Angeles, Historic Preservation Award of Excellence, Wells-Halliday Mansion, 1994

Photo credits: TierraPOD Staff

Amir Sultan Photography

Albert KS Lim Photography



TierraPOD
1003 Bukit Merah Central
Suite 03-13
Singapore 159836

Phone: +65 6334 2595
Fax: +65 6334 7432

www.tierra.com.sg

