

SUSTAINABLE & GREEN FEATURES



PARKROYAL COLLECTION Pickering, Singapore is an iconic green structure, with a hotel-in-a-garden design concept, which reflects and enhances Singapore's garden-city reputation.

With 15,000 square metres of lofty four-storey tall sky-gardens, reflecting pools, waterfalls, planter terraces and cascading vertical greenery, PARKROYAL COLLECTION Pickering's lush foliage constitutes more than 200% of the total land area, a scale unprecedented in a built-up city centre.

PARKROYAL COLLECTION Pickering seamlessly blends cutting-edge environmentally-friendly practices and technologies. Its strong sustainable design integrated with forward-thinking business principles, ensures PARKROYAL COLLECTION Pickering's role in positioning Singapore as a world leader of green high-rise developments.

LIME RESTAURANT GOES GREEN-ER

- ✿ Plant-based a-la-carte menu featuring seven vegan dishes, from appetisers to desserts.
- ✿ Features meat-free dishes such as the ever-popular plant-based Beyond Burger, Fishless Fish & Chips, and the Omnipork Patty with Barbeque Sauce served with rice and fried mantous.
- ✿ Biodegradable napkins and potato starch straws are used in the restaurant instead of paper serviettes and single-use plastic straws.

GREEN FEATURES AND INNOVATIONS

- ✿ The building's open-sided concept is configured to create maximum perimeter for natural light and views
- ✿ Short building depth maximises the amount of daylight reaching internal spaces
- ✿ High performance glass cuts out solar heat and provides an abundance of natural daylight

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PICKERING, SINGAPORE



- * Green and blue glass is used throughout the property to improve solar performance
- * Cascading greenery keeps the west-facing walls cool and reduces energy consumption for cooling guestrooms
- * 51% of guestroom corridors are reminiscent of attractive garden spaces with natural light and fresh air
- * Roof terraces serve as recreational areas offering lush landscaping for guests, as well as insulating the upper storey of the building from direct heat gain
- * Above-ground car park removes the need for excavation, extensive mechanical ventilation and artificial lighting

- * The extensive landscape areas are designed to be self-sustaining and rely minimally on precious resources – water usage minimised by rain harvesting and usage of NEWater

RECYCLING AND RESPONSIBLE USE

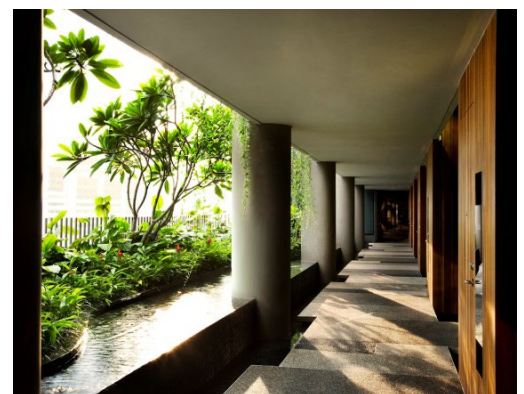
- * Separate recycling bins for plastic, glass, paper and glass in all guest rooms, as well as throughout the hotel

ENERGY CONSERVATION

- * Photo sensors are strategically placed to monitor the light levels
- * Fire staircases are fitted with motion sensors to conserve energy
- * Built-in rain sensors in landscape areas to turn off irrigation when a minimum level of rain is detected
- * First development in Singapore built using the Cobiaz technology, a system that reduces concrete usage by placing 'void formers' made of environmentally friendly recycled plastic

ENERGY AND WATER SAVING FEATURES AND TARGETS

- * Spaces such as external hotel corridors are designed to be naturally ventilated to reduce the cooling requirements of the building
- * The central chiller system is designed to maximise its operating efficiency by incorporating various control strategies via the Building Management System



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- ✧ Hot water system is designed to use air-to-water heat pumps with a coefficient of performance of at least 4.5 (or better)
- ✧ Demand-based controls are incorporated for ventilation systems to minimise energy use
- ✧ Carbon monoxide and carbon dioxide sensors are used to control car park fans and ventilation for air conditioned space
- ✧ The building is designed to maximise harvesting of natural light for areas such as the hotel corridors and lobbies
- ✧ Energy efficient lamps (LED and T5 type fluorescent lamps) and water efficient fittings are used throughout the building where appropriate

LANDSCAPE AND GREENERY

- ✧ Fifty different varieties of plants have been used to create a 15,000m² lush tropical urban high-rise garden.
- ✧ A lush tropical garden with dense layered and large leaved exotic planting like Monsteras, Alocasias & Calatheas combined with ferns and palm varieties was used to create the hotel-in-a-garden experience for the guests
- ✧ A combination of shade loving textured ferns and partial shade loving palms & shrubs were planted addressing the varying natural light and wind conditions along the four sides of the building
- ✧ Flora species ranging from shade trees, tall palms, flowering plants, leafy shrubs and overhanging creepers encourage bio-diversity in the city
- ✧ Tall multi-tiered Bucida trees with fine leaves and shrubs like Calathea lutea with broad and dense leaves complement the contours of the building
- ✧ Heliconias, Alpinias, tall and sculptural Frangipani trees –one of the most common flowering sculptural trees in Singapore, and large leaved Ficus lyrata trees act as anchors and add colour to the overall garden scheme
- ✧ Vietnam Leaf-Flower (*Phyllanthus cochinchinensis*) and Lee Kuan Yew creeper (*Vernonia elliptica*) are the two types of plant species used for the cascading greenery
- ✧ The vast greenery absorbs heat, shades hard surfaces and evaporative transpiration resulting in improved air quality
- ✧ Ferns, Mondo grass (*Ophiopogon*), Alocasia and Euterpe Palms were chosen to minimize the potential pest attacks and lower the maintenance efforts
- ✧ The extensive use of ferns & palms along the buildings ensure a low water xeriscape planting concept for most of the planting areas



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- * Auto-irrigation & fertigation system installed for all the planter areas ensure that through timer controlled drip nozzles, slow, steady and precise amounts of water and nutrients are provided to the trees, shrubs, ground covers, vines and potted plants

parkroyalhotels.com/pickering

Note to editors:

All letters of the PARKROYAL COLLECTION brand should be capitalised. If your publication's house style does not allow this, please ensure PARKROYAL COLLECTION appears as two words - 'Parkroyal Collection'.

About PARKROYAL COLLECTION Pickering

PARKROYAL COLLECTION Pickering, Singapore, is managed by the Pan Pacific Hotels Group and is distinguished by its unique architecture, extensive landscaping and impressive array of sustainability features.

Designed by award-winning architectural firm WOHA, PARKROYAL COLLECTION Pickering adopts a hotel-in-a-garden concept and incorporates energy-saving features throughout the property. Its sustainable project design and green efforts have earned it the World's Leading Green City Hotel accolade at the World Travel Awards 2019. The hotel is also certified BCA Green Mark Platinum, Singapore's highest green rating.

Strategically located at the key gateways to Singapore's central business district, Hong Lim Park and bustling Chinatown, the 367-room property provides an urban oasis in downtown Singapore, with convenient access to waterfront entertainment and dining options along the Singapore River as well as cultural gems across the island.

About PARKROYAL COLLECTION Hotels & Resorts

PARKROYAL COLLECTION hotels are icons of design with a sense of responsibility and care towards the environment and self. Each hotel is one of a kind and not one in a line. It goes beyond bricks and mortar to refresh body and soul. It breathes style with a contemporary vibe, inspiring everyone who steps through its doors to live life.

About Pan Pacific Hotels Group

Pan Pacific Hotels Group is a member of Singapore-listed UOL Group Limited, one of Asia's most established hotel and property companies with an outstanding portfolio of investment and development properties.

Based in Singapore, Pan Pacific Hotels Group owns and/or manages nearly 50 hotels, resorts and serviced suites including those under development in 29 cities across Asia, Oceania, North America and Europe.

Voted "Best Regional Hotel Chain" by readers in Asia from 2017 to 2019, Pan Pacific Hotels Group comprises three brands: Pan Pacific, PARKROYAL COLLECTION, and PARKROYAL.

Sincerity is the hallmark of Pan Pacific Hotels Group. The Group is known to its guests, partners, associates and owners for its sincerity in people and the sense of confidence which alleviates the stresses of today's complex world.

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