

Universal Design Mark | Platinum



Reflections at Keppel Bay

Residential (New)

Owner/Developer

Keppel Bay Pte Ltd

Architect

DCA Architects Pte Ltd

Reflections at Keppel Bay, a private residential development, stands out not only in its iconic architectural presence, but also in the outstanding execution of user-friendly provisions. The development boasts of a comfortable and relaxing living environment that enables people of all ages and abilities to enjoy through lush landscaping, resting areas, and leisure pools as well as elder and family friendly features.

Although it was awarded Universal Design Award (Silver) in 2012, it was commendable for its developer and architects continued to improve Reflections at Keppel Bay's user-friendliness.

Features

- Its blocks and common facilities are seamlessly connected by comfortable ramps and footpaths. Navigating is easy with comprehensive and detailed signs.
- Creative Universal Design features include introducing daylight to the basement through the reflective pool at the environmental deck, designing natural ventilation shafts to double up as seats, and incorporating visual cues for safety through lighting strategy, among others.
- The development is accessible to wheelchair users and friendly to families and children e.g. accessible gym equipment and comfortably sized family restrooms.
- Despite winning the Award (Silver) in 2012, further improvements were made, including the 'greening' of the bin centre to make environment more pleasant, improving the signs for better clarity, and adding features that improve road safety.

Universal Design Mark | **Platinum**



**United World College of
South East Asia (East Campus)**

Non-Residential (New)

Owner/Developer

JTC Corporation

Architect

P&T Consultants Pte Ltd

The United World College of South East Asia (UWCSEA) is receiving the highest accolade for the second time due to the College's strong commitment in putting the needs of the user at the heart of its corporate philosophy.

The BCA Universal Design Award 2012 Gold winner continued to improve the user-friendliness of its campus, which houses students of ages 4 to 18. The philosophy of creating a supportive and inclusive learning environment shines through in its user-centric provisions and execution of details. Safety, accessibility and way finding are among the priorities that the College consistently maintains while creating a relaxing and conducive environment for its students and staff.

Features

- The College's elevated landscape deck serves as a main pathway that cuts across the College and connects its four academic blocks to other facilities such as the main plaza, playing field, respite spaces and discussion areas.
- Spatial planning and well-integrated design strategies improve way finding in the College. For example, large signs are consistently placed strategically and the use of cultural motifs and colours to provide visual cues.
- For safety, the pedestrian circulation is carefully segregated from vehicular traffic with dedicated drop-off points for students of different ages.
- Universal Design concept extends to finer details such as differentiated balustrade designs – staircase railings of different heights and thematic designs and higher ones for the block with students of age four – to address usage by children of different ages, a nursing/lactation room, clinic within the school premises, two-tiered service counter, and the delineation of facilities catering to the physically impaired on the signboards.



Changi Airport Terminal 1

Non-Residential (Refurbished)

Owner/Developer

Changi Airport Group (S) Pte Ltd

Architect

Architects 61 Pte Ltd

Following an extensive refurbishment, Changi Airport Terminal 1 now features not only a refreshed look but also optimised pedestrian flow to improve travellers and visitors' comfort and experience.

Recognising the diverse groups the Terminal serves and the evolving needs of today's travellers, Changi Airport Group introduced features such as baby care areas and wheelchair accessible services so that it can serve all visitors, including persons with different abilities – better.

Features

- Changes to the Terminal's layout, introduction of wider thoroughfares, higher ceilings and brighter lighting improve travellers and visitors' experience.
- The refurbished Terminal incorporates more user-friendly features such as more signboards that are prominently placed, comfortable and spacious restrooms, baby care areas, rental of wheelchairs and strollers, wheelchair accessible services, and iChangi app for visitors to access information easily.
- With more retail, F&B and leisure facilities, the Terminal can serve the needs of traveller and visitors better.
- The Terminal also allows its visitors to give real-time feedback on any maintenance and operational issues through an easy-to-use touch screen interface.

UD Mark | Gold^{PLUS}



JCube

Non-Residential (New)

Owner/Developer

CapitaMall Trust

Architect

RSP Architects Planners & Engineers
(Pte) Ltd

Home to Singapore's first Olympic-size ice rink with a 460-seat gallery, JCube offers a unique retail, dining and entertainment experience in the suburbs. Located in the heart of the Jurong Lake District, it is a hip lifestyle complex which caters to the needs of the young, professionals and residents living and working in the area.

Situated in a busy transportation centre, accessible and sheltered links and walkways built around and within JCube allow its visitors easier access to and from other buildings and developments nearby.

Features

- For easier access to other buildings and developments in the area, JCube incorporates integrated, sheltered linkways and drop-offs points for cars, taxis and buses. Its internal pedestrian link is also open 24 hours.
- Universal Design features in JCube include a generous distribution of seating areas in varying settings for resting and social interactions, a nursing/lactation room, family restrooms, parking spaces for families, and guide bars and footrests at the viewing gallery.
- JCube also has guide-dog friendly policy, which allows the visually impaired to access and visit the shopping complex with ease.

Universal Design Mark | Gold^{PLUS}



Mapletree Business City

Non-Residential (New)

Owner/Developer

Mapletree Investments Pte Ltd

Architect

P&T Consultants Pte Ltd

Conceived as more than a place for work, the incorporation of 'play' in Mapletree Business City is evident in its architect's thoughtful provisions of conveniences and amenities such as a childcare -centre, a multipurpose hall, a gym with a 40m pool and restaurants.

Layering the site vertically creates spacious thoroughfare on the ground as well as an elevated landscaped deck, the Business City offers respite from work for the office users. The deck also provides a natural and seamless link to all buildings, including the adjacent ones.

Features

With its generously sized public spaces for respite from work for its office users and extensive suite of facilities such as a multipurpose hall and meeting rooms, Mapletree Business City offers convenience of its tenants.

Themed artwork for distinctive identification of the different lobbies and office blocks allows visitors and users to find their way around the development

Pro-family facilities such as nursing/lactation rooms and childcare facilities are provided within the office environment.

Universal Design Mark | Gold^{PLUS}



Pasir Ris Sports and Recreation Centre

Non-Residential (New)

Owner/Developer

Singapore Sports Council

Architect

CPG Consultants Pte Ltd

The Pasir Ris Sports and Recreation Centre creates a welcoming sports facility for all to enjoy. The Centre is conceived following the developer and architect's active consultations with grassroots leaders and residents, complementing the existing public space by fostering greater community spirit through its facilities and programmes.

As a public space, the Centre offers facilities that cater to the diverse needs of its visitors, including an indoor sports hall, outdoor tennis and futsal courts, swimming facilities (e.g., lap pool, learner and wading pools and jacuzzi), a gym, a dance studio and a sports room. The Centre's foyer at ground level provides a sizeable multipurpose space for events.

Features

- The Centre offers a welcoming and relaxing environment for its visitors. It is seamlessly connected to the neighbouring Pasir Ris Town Park.
- The Centre also includes an extension of space allows spill over of activities and events to and from the park and vice-versa. The footpath was designed in collaboration with the National Parks Board and constructed to guide residents, joggers, cyclists directly into the foyer space of the Sports Centre. It also an area that provides shelter for events during wet weather.
- The sensitive placement of tactile floor indicators in the Complex provides clear directions to the visually impaired.
- Universal Design features in the Centre are geared towards making it a friendly and safe sporting and recreational space, especially for the elderly, children and female visitors. The features include nursing/lactation rooms, special pool showers and toilet facilities for children, a ramp that allows wheelchair users to access the swimming pool, a dedicated ladies' corner in the gym, distinctive visual cues and safety warning signs.

Universal Design Mark | Gold



Casa Clementi

Residential (New)

Owner/Developer

Housing and Development Board

Architect

Surbana International Consultants Pte Ltd

Casa Clementi is a large-scale public housing development. In its development, consultation sessions with the residents, grassroot leaders, the town council and relevant public agencies, among others, were held. The architect incorporated the feedback from the consultation sessions into the design of the development.

Features

- To mitigate the undulating terrain of the site, a landscape deck is created to provide an expansive pedestrian network with accessible walkways and paths above the carpark. The deck connects the blocks to various communal facilities, e.g., play areas and fitness corners and social services such as a senior activity centre. Another feature is the “Tree-top Walk”, which connects it to other nearby precincts.
- The point block massing design with varied heights ameliorates high-density living environment, providing its residents a sense of spaciousness and easier way-finding.
- Innovative ‘concept toilets’ within the flats provides access without any steps. Design of toilet layout also allows easy retrofitting in the future if need arises.

Universal Design Mark | **Gold**



Helios Residences

Residential (New)

Owner/Developer

Wing Tai Holdings Limited

Architect

P&T Consultants Pte Ltd

Helios Residences is a private residential development located in the prime Orchard Area. The development Residences offers a comfortable living environment through its thoughtfully designed recreational spaces and lush landscaping.

Features

- Unique facilities like the Treetop pool and lounge with planting vines provide access to residents of all ages and abilities, including wheelchair users, older persons and children.
- Common corridors, private lift lobbies and residential units are comfortably sized, facilitating easy access and manoeuvring for wheelchair users.
- Residents enjoy maximised natural lighting and ventilation achieved through the design of the residential blocks. The residential units also have smart home facilities, e.g., touch-screen panel and remote control system for residents to control lighting, the home theatre system, and air-conditioning, etc.
- Emergency alert systems, connected to the guard house, are installed in the master bedrooms and living rooms of each residential unit.

Universal Design Mark | **Gold**



Livia

Residential (New)

Owner/Developer

City Developments Limited

Hong Realty (Pte) Ltd

Hong Leong Holdings Ltd

Architect

Architects 61 Pte Ltd

Livia is a large private residential development with 724 units in 10 residential blocks, a basement carpark and a host of communal facilities. With lush landscaping and conscientious incorporation of areas for social interaction across it, the living environment is attractive, conducive and perfect for communal living.

Features

- Accessibility around the communal area is seamless with the generous provision of ramps and footpaths that are clearly defined by varying non-slip floor finishes, which facilitates way-finding or navigation.
- The development is connected to the neighbouring park connector by accessible ramps and pathways, which allows its residents' to engage in healthy lifestyle activities such as jogging and cycling.
- The communal areas have ramps in swimming pools, which allow the elderly and wheelchair users to access easily, an aqua gym and play and fitness equipment, which caters to children of different age groups, adults and the elderly.

Universal Design Mark | **Gold**



My Waterway@Punggol

Non-Residential (New)

Owner/Developer

Housing and Development Board

Architect

Surbana International Consultants Pte Ltd

My Waterway@Punggol is a 4.2km long waterway running along the east-west corridor of Punggol Town. Its waterfront living experience is complemented with water-based activities for the Town's residents to enjoy.

Features

- Its facilities, such as water and sand play areas, 3G fitness corner, are seamlessly connected and accessible for residents of all ages. Visitors, including wheelchair users, can also access between the banks of the waterway via the five thematic bridges.
- Provisions are made such that future residential developments around the Waterway will be seamlessly connected with it.
- Features such as concrete bollards, buffer planting and railings both complement the natural setting and allow visitors to move closer to the waters safely.

Universal Design Mark | **Gold**



Punggol Breeze
Residential (New)

Owner/Developer
Housing and Development Board

Architect
Surbana International Consultants Pte Ltd

Punggol Breeze is a public residential precinct with 12 residential blocks and a multi-storey carpark, located near existing public housing and schools. Application of Universal Design principles is exemplified at the precinct, block and unit levels.

Features

- The multi-storey carpark is sited centrally and provides good inter-connectivity between the blocks and convenient access for its residents to social and recreational facilities.
- Its facilities at the communal areas cater to users of different ages, promoting multi-generational living.
- The roof garden provides residents with views and convenient access to a pleasant, lushly landscaped respite space.

Universal Design Mark | **Gold**



Volari

Residential (New)

Owner/Developer

City Developments Limited

Architect

Architects 61 Pte Ltd

Volari is a private residential development with a single 12-storey residential block, a basement carpark and communal facilities. The development has several user-friendly features; some of which were incorporated in consultation with experts.

Key Features

- The social and recreational facilities are seamlessly connected and strategically located for all to use and enjoy.
- An accessible ramp incorporated in the swimming pool allows wheelchair access while its signs include Braille to help the visually impaired navigate their way easily.
- The development has family-friendly facilities e.g., a 3G fitness corner, a diaper changing station and child protection seat in the communal toilets.
- For its elderly residents, bath tubs in each residential unit are installed with grab bars, and seats are available at lift lobbies so that they can sit while waiting.

Universal Design Mark | **Certified**



Belle Vue Residences

Residential (New)

Owner/Developer

Wing Tai Holdings Limited

Architect

P&T Consultants Pte Ltd

Belle Vue Residences, a private residential development, comes with Universal Design features that support users of all ages and abilities. Conceived as an urban resort, Belle Vue Residence's reflective pools and intimate pockets of spaces with its meandering pathways woven into the lush landscaping provide a soothing and living environment.

Features

- The unobstructed vista from arrival court helps visitors find their way around while the clear signs and distinctive colour zoning in the basement carpark help drivers to find their way.
- Thoughtfully planned pedestrian circulation around Belle Vue Residences helps wheelchair users, older persons and children to access areas safely.

Universal Design Mark | **Gold^{PLUS} (design)**

Project	Category	Project Team
Bedok Mall and Bedok Residences	Non-Residential (New) & Residential (New)	Owner/Developer CapitaLand and CapitaMalls Asia Architect DCA Architects Pte Ltd
CapitaGreen	Non-Residential (New)	Owner/Developer CapitaLand, CapitaCommercial Trust and Mitsubishi Estate Asia Architect RSP Architects Planners & Engineers (Pte) Ltd
d'Leedon	Residential (New)	Owner/Developer CapitaLand, Hotel Properties Limited, a fund managed by Morgan Stanley Real Estate and one other shareholder Architect RSP Architects Planners & Engineers (Pte) Ltd
H2O Residences	Residential (New)	Owner/Developer City Developments Limited Architect DP Architects Pte Ltd
JEM	Non-Residential (New)	Owner/Developer Lend Lease Architect SAA Architects Pte Ltd
The Interlace	Residential (New)	Owner/Developer CapitaLand, Hotel Properties Limited and one other shareholder Architect RSP Architects Planners & Engineers (Pte) Ltd
Westgate	Non-Residential (New)	Owner/Developer CapitaMalls Asia, CapitaMall Trust and CapitaLand Architect RSP Architects Planners & Engineers (Pte)

Universal Design Mark Award winners

Ltd

Universal Design Mark | **Gold (design)**

Project	Category	Project Team
NV Residences	Residential (New)	Owner/Developer City Developments Limited, Hong Realty (Pte) Ltd and Hong Leong Holdings Ltd Architect Architects 61 Pte Ltd
Sky Habitat	Residential (New)	Owner/Developer CapitaLand, Mitsubishi Estate Asia Pte Ltd and Shimizu Investment (Asia) Pte Ltd Architect DCA Architects Pte Ltd
The Nassim	Residential (New)	Owner/Developer CapitaLand Architect W Architects Pte Ltd
The Palette	Residential (New)	Owner/Developer City Developments Limited, Hong Realty (Pte) Ltd and Hong Leong Holdings Ltd Architect Architects 61 Pte Ltd
The Rainforest	Residential (New)	Owner/Developer City Developments Limited and TID Pte Ltd Architect ADDP Architects LLP

Universal Design Mark | **Certified (design)**

Project	Category	Project Team
368 Thomson	Residential (New)	Owner/Developer City Developments Limited Architect DP Architects Pte Ltd