

## Total number of BCA Universal Design Mark Award winners: 2013 – Present

Year	No. of winners
2013	26
2014	31
2015	37
2016	25
2017	30
2018	26

## BCA Universal Design Mark Award 2018:

## A. Winning Projects by Ratings

	Completed	Ongoing
Platinum	4	-
Gold <sup>PLUS</sup>	7	7
Gold	6	2
Certified	-	-
Total	17	9
Grand Total	26	

## B. Winning Projects by Sector

	Public	Private	Joint Venture
Platinum	2	2	-
Gold <sup>PLUS</sup>	1 completed + 2 ongoing	6 completed + 3 ongoing	1 ongoing
Gold	3 completed + 1 ongoing	3 completed + 1 ongoing	-
Certified	-	-	-
Total	9	16	1
Grand Total	26		

## BCA UNIVERSAL DESIGN MARK AWARDS 2018 WINNERS

### 2018 Winners: At a glance

Project	Certification		Owner / Developer	Architect	
	Completed	Design			
<b>Mixed Development [Residential (New) and Non-residential (New)]</b>					
<b>1</b>	Kampung Admiralty	Platinum	Gold <sup>PLUS</sup>	Housing & Development Board	WOHA Architects Pte Ltd
<b>2</b>	Waterway Point and Watertown	Gold <sup>PLUS</sup>	Gold <sup>PLUS</sup>	Emerald Star Pte Ltd & FC Retail Trustee Pte Ltd (as Trustee Manager of Sapphire Star Trust)	RSP Architects Planners & Engineers (Pte) Ltd
<b>3</b>	Le Quest (Ongoing) (UD Mark Version 2.0)	-	Gold <sup>PLUS</sup>	Qingjian Realty (BBR) Pte Ltd and Qingjian Realty (BBC) Pte Ltd	ADDP Architects LLP
<b>Non-Residential (New)</b>					
<b>4</b>	Singapore Changi Airport Terminal 4	Platinum	Gold <sup>PLUS</sup>	Changi Airport Group (Singapore) Pte Ltd	SAA Architects Pte Ltd
<b>5</b>	Mapletree Business City II	Platinum	Gold	Mapletree Business City Pte Ltd	DCA Architects Pte Ltd
<b>6</b>	Marsiling Mall (UD Mark Version 2.0)	Gold	-*	National Environment Agency	Architects Project Group LLP

## BCA UNIVERSAL DESIGN MARK AWARDS 2018 WINNERS

Project		Certification		Owner / Developer	Architect
		Completed	Design		
<b>7</b>	18 robinson (Ongoing) (UD Mark Version 2.0)	-	Gold <sup>PLUS</sup>	TUAN SING HOLDINGS LIMITED	Architects 61 Pte Ltd
<b>8</b>	Funan (Ongoing) (UD Mark Version 2.0)	-	Gold <sup>PLUS</sup>	CapitaLand Group	RSP Architects Planners & Engineers (Pte) Ltd
<b>9</b>	Jewel Changi Airport (Ongoing) (UD Mark Version 2.0)	-	Gold <sup>PLUS</sup>	Jewel Changi Airport Trustee Pte Ltd	RSP Architects Planners & Engineers (Pte) Ltd
<b>10</b>	CapitaSpring (Ongoing) (UD Mark Version 2.0)	-	Gold <sup>PLUS</sup>	CapitaLand Limited, CapitaLand Commercial Trust and Mitsubishi Estate Co., Ltd	RSP Architects Planners & Engineers (Pte) Ltd
<b>11</b>	Outram Community Hospital (Ongoing) (UD Mark Version 2.0)	-	Gold <sup>PLUS</sup>	Ministry of Health	CIAP Architects Pte Ltd
<b>12</b>	State Courts Towers (Ongoing) (UD Mark Version 2.0)	-	Gold <sup>PLUS</sup>	State Courts of Singapore	CPG Consultants Pte Ltd
<b>Non-residential (Refurbished)</b>					

## BCA UNIVERSAL DESIGN MARK AWARDS 2018 WINNERS

Project		Certification		Owner / Developer	Architect
		Completed	Design		
13	69 Geylang Bahru Food Centre & Market (UD Mark Version 2.0)	Gold	-*	National Environment Agency	SQFT Architects Pte Ltd
<b>Residential (New)</b>					
14	Bellewaters	Gold <sup>PLUS</sup>	-*	Qingjian Realty (Anchorvale) Pte Ltd	ADDP Architects LLP
15	Corals at Keppel Bay	Gold <sup>PLUS</sup>	Gold <sup>PLUS</sup>	Keppel Land Singapore	DCA Architects Pte Ltd
16	D'Nest	Gold <sup>PLUS</sup>	Gold	City Developments Limited / Hong Realty (Private) Limited / Hong Leong Holdings Limited	Architects 61 Pte Ltd
17	Riverbank @ Fernvale	Gold <sup>PLUS</sup>	Gold	UOL Development (Sengkang) Pte Ltd	DP Architects Pte Ltd
18	The Verandah @ Matilda	Gold <sup>PLUS</sup>	-*	Housing & Development Board	Building & Research Institute (HDB)
19	Bellewoods	Gold	Gold	Qingjian Realty (Woodlands) Pte Ltd	ADDP Architects LLP
20	The Panorama	Gold	Certified	Pinehill Investments Pte Ltd	MKPL Architects Pte Ltd

## BCA UNIVERSAL DESIGN MARK AWARDS 2018 WINNERS

Project		Certification		Owner / Developer	Architect
		Completed	Design		
21	VUE 8 RESIDENCE	Gold	Gold	Publique Realty (Pasir Ris) Pte Ltd	Swan & Maclaren Architects Pte Ltd
22	Golden Ginger (Completed) (UD Mark Version 2.0)	Gold	-*	Housing & Development Board	CSYA Pte. Ltd.
23	The Visionaire (Ongoing) (UD Mark Version 2.0)	-	Gold	Qingjian Realty (Sembawang) Pte Ltd	Surbana Jurong Consultants Pte Ltd
<b>Parks and Public Spaces</b>					
24	Ang Mo Kio Linear Park (Ongoing) (UD Mark Version 2.0)	Gold	-*	National Parks Board	Kay Ngee Tan Architects
<b>BCA-MSF Universal Design Mark for Family-Friendly Business</b>					
25	City Square Mall	Platinum	NA	City Developments Limited	-
26	White Sands	Gold <sup>PLUS</sup>	NA	ARMF (Whitesands) Pte. Ltd.	-

\* Assessed as a completed project without assessment for its design as an ongoing project

## Completed Projects

UD Mark |for Platinum



### **City Square Mall**

Family-Friendly Business

### **Owner/Developer**

City Developments Limited

## **Project Details**

City Square Mall, Singapore's first green shopping mall, is conveniently located in the city fringe of Singapore and directly connected to Farrer Park MRT station. The mall positions itself as a family mall and a learning hub that provides opportunities for the community to take part in family-friendly activities and events. The mall is integrated with an outdoor park, known as City Green complete with two distinct playgrounds, which provides an ideal venue for 3-Generation (3G) families to interact and bond. There are ramps from all entrances and tactile markings leading from the MRT station and City Green to the mall, which make it accessible to persons of all abilities.

Through its careful selection, the mall ensures a good tenant mix and promotions to cater to the varied needs of families. Recognising that persons with disabilities, elderly, expectant mothers or parents with very young children may have unique requirements, the mall strives to upkeep its amenities to provide them with greater comfort, safety and convenience.

In 2010, City Square Mall was given the Gold award, the highest accolade for the BCA Universal Design Awards.

## **Key UD and Family-Friendly Features / Strategies**

- Spacious family rooms complete with private rooms for nursing mothers, electric sockets, hot water dispensers, sinks and diaper-changing stations.

## **BCA UNIVERSAL DESIGN (UD) MARK AWARDS 2018**

This facilitates shared parenting roles while allowing the mums to nurse in comfort.

- Complimentary use of baby strollers, kiddy-carts, magnifying glass, wheelchairs, sewing kit, thermometer, blood pressure monitor, drinking water, first aid, and mobile and tablet charging station. The mall constantly monitors equipment usage and shopper feedback, and conducts competitor research so that the facilities and services provided remain relevant.
- The playground at Level 1 was recently revamped to make it more inclusive. It has 2 swings with harness and a wheelchair-accessible merry-go-round in addition to a climbing net, a swinging bridge and a slide. This provides a common play area for children of all abilities.
- Diverse tenant mix that caters to 3G families, such as enrichment classes for children (e.g. Genuis R Us), advice for the elderly (e.g. Agency for Integrated Care, Emtech), play themed outlets for teenagers (e.g. TimeZone), and retail and entertainment outlets suitable for everyone such as Decathlon and Golden Village.
- Fun and engaging live shows, e.g. Anime Film Festival, Transformer, are deliberately organized during school holidays to allow families to spend time together at the mall.
- Events and activities are also organized to cater to different age groups such as line dancing for the elderly and zumba for working adults. Educational exhibitions, e.g. healthy living, heritage matters and water conservation, are held in partnerships with HPB, PUB and NHB.
- The customer service team receives regular training on the mall's standard operating procedure (SOP) on service, first aid and other relevant areas to guide them in delivering optimal service to family shoppers. The team also walks around the mall to identify and offer help to shoppers in need.
- To motivate the service teams, deserving staff are nominated for company's Service Awards as well as EXSA (Retail) Award managed by Singapore Retailers Association and supported by SPRING Singapore.

# BCA UNIVERSAL DESIGN (UD) MARK AWARDS 2018

## Completed Projects

### UD Mark |for Platinum



Photo Credit: Patrick

#### **Kampung Admiralty**

Mixed  
(Residential (New) and Non-Residential (New))

#### **Owner/Developer**

Housing & Development Board

#### **Architect**

WOHA Architects Pte Ltd

#### **Project Details**

Kampung Admiralty comprises two 11-storey residential blocks and offers 104 units of Studio Apartments. Integrated with healthcare, eldercare, childcare and commercial facilities, Kampung Admiralty serves as a one-stop hub that encourages social interaction and active living through its innovative design, communal spaces and sustainable features.

As reflected in its name, Kampung Admiralty is envisaged to foster greater community bonding and reignite the kampung spirit of yesteryear.

#### **Key UD Features**

- The various programmes of the development supports and complements each other in providing a holistic living environment for Kampung Admiralty residents. The proximity to a host of services and amenities encourages the residents to step out of their homes and take part in community activities. At their doorstep, landscaped decks and green spaces beckon and invite further exploration. They can enjoy a walk through the lush greenery at the community park and community farm.
- The community park, located at the elevated deck on the 6<sup>th</sup> storey, is complete with playground and exercise stations. Open to all, these green spaces serve as ideal venues for relaxation and interaction with neighbours and friends. A childcare centre and senior centre are also located nearby, so children and elderly can make use of the facilities. In this way, the park is transformed from a 'space' to a 'place' for inter-generational social bonding, creating an energetic and delightful environment for all.

## **BCA UNIVERSAL DESIGN (UD) MARK AWARDS 2018**

- The senior care centre, also known as the “Active Ageing Hub”, supports the senior population in the vicinity by providing a variety of activities, programmes and services such as day care and rehabilitation programmes.
- To cater to the needs of the residents, the 3<sup>rd</sup> and 4<sup>th</sup> storeys house a medical centre that provides specialist care and other day surgery services, with a focus on gerontological care. The convenience and proximity to their homes enables residents to seek medical treatment when necessary, so that they can sustain a higher quality of life.
- The hawker centre on the 2<sup>nd</sup> storey is well-lit and ventilated with high roof and large fans that expel hot air efficiently. This environment provides a comfortable and convenient destination for residents to gather and socialise over food and drinks. The hawker centre and the supermarket at the basement draw communities from surrounding neighbourhoods and adjacent estates towards Kampung Admiralty, adding another layer of community vibrancy to the development.
- Within the apartments, fixtures and finishes are selected to be elder-friendly. These includes resilient vinyl strip flooring in the living / dining area, a retractable clothes drying system, and induction hobs that eliminate risk of open fire for residents. In addition, universal design features such as grab bars, a ramp at the unit entrance, bigger switches, and pull cords linked to an alert alarm system are also provided to help seniors move around the flat safely, and with greater ease.

# BCA UNIVERSAL DESIGN (UD) MARK AWARDS 2018

## Completed Projects

UD Mark |for Platinum



### **Mapletree Business City II**

Non-Residential (New)

### **Owner/Developer**

Mapletree Business City Pte Ltd

### **Architect**

DCA Architects Pte Ltd

### **Project Details**

Mapletree Business City II (MBC II), located at Alexandra Terrace, is a 4-block development, comprising a hybrid of three terraced low-rise blocks of 8, 6 and 5 storeys and one 30-storey tower block. MBC II completes MBC I as well as the rejuvenation of the Alexandra Business Precinct. The main synergy between the two phases is realized through the implementation of an interface of vast communal spaces which are accessible to not just the working community but also the public. MBC II is well-connected and accessible to the adjacent retail mall, ARC, and is also designed with a trail serving as a short cut towards Hort Park.

### **Key UD Features**

- The project challenges traditional business models to create a vibrant and sustainable corporate lifestyle of the future. The working spaces adopt a unique hybrid building form that allows tenants the option to expand both laterally and vertically, allowing high flexibility in the adaptations of spatial configuration according to different tenant needs over the years
- MBC II completes the interface of ARC and MBC I, carefully connected through gentle level changes and sheltered walkways. This interface is an elevated deck that is segregated from vehicular traffic, providing sheltered, direct and

## **BCA UNIVERSAL DESIGN (UD) MARK AWARDS 2018**

uninterrupted pedestrian access to the adjacent development as well as the nearest MRT station, Labrador Park

- The pedestrianized interface is lushly landscaped with ample seating provided for the working community and visitors to enjoy the healing environment. Children from the existing child-care centre of MBC I are able to experience and explore the spaces, thus adding another layer of vibrancy into the business park.
- Connectivity across more than 100,000m<sup>2</sup> of site took into consideration users' circulation experience, and especially so in various weather conditions. Travellators were implemented along long paths of travel, allowing the option for the working community and visitors to take short breaks as they move towards their destinations. Rain screens with sensors have been installed at long pathways. During rainy weather, the screens are activated to enclose the paths, protecting users from wind-driven rain
- Strategic use of materials, colours and sculptures help visitors to orientate and navigate around the site. It also helps the working community to familiarise with the working environment. One example is the use of distinct coloured cladding in the design of feature walls of each block. Each block offers through views into the car park to open up visibility. The claddings continue down into the car park levels, allowing users to easily identify their respective working locations. Another example is the integration of art and landscape which serves as markers for way-finding
- MBC II is situated amidst nearby Parks; Labrador Park, Hort Park and Kent Ridge Park. Accessible pedestrian linkages are provided to facilitate connectivity between the development's sports amenities, shower facilities with adjacent parks and eco-trails to encourage work-life balance. These features offer respite for not just office tenants, but for all users who want to enjoy the communal space
- Various social initiatives organized by Mapletree such as Youth Futsal Camp, lunch time health talks, weekday mass workouts etc. utilize the common facilities to engage the community comprising staff, tenants, beneficiaries supported by the developer and the general public

# BCA UNIVERSAL DESIGN (UD) MARK AWARDS 2018

## Completed Projects

### UD Mark |for Platinum



Photo Credit: Changi Airport Group (Singapore) Pte Ltd

### **Singapore Changi Airport Terminal 4**

Non-Residential (New)

#### **Owner/Developer**

Changi Airport Group  
(Singapore) Pte Ltd

#### **Architect**

SAA Architects Pte Ltd

### **Project Details**

Singapore Changi Airport Terminal 4 (T4) redefines the travel experience for every passenger that passes through it. Envisioned to be a terminal like no other, T4 combines innovative technology with art and culture, to create a fun and vibrant experience for passengers, filled with positive surprises at every step of their journey. The terminal challenges the fundamental concept of travel with its Fast and Seamless Travel (FAST) experience, integrating facial recognition technology with end-to-end self-service options available at each stage of departure. Designed with the user in mind, the extensive use of technology and wide-scale implementation of FAST enhances operational efficiency and greater flexibility for passengers when they depart through T4.

### **Key UD Features**

- Visually, the terminal ensures optimal comfort for passengers through careful lighting control. As natural light is used throughout the terminal, depending on the time of day, lights within the terminal are calibrated to maintain a comfortable lighting condition for travellers.
- T4 offers a fully automated departure process. It is the first terminal at Changi Airport to introduce end-to-end self-service options, allowing passengers to enjoy the flexibility of checking in at their own convenience without having to wait for counters to open. Automated check-in kiosks located at the Departure Hall are catered for all users. The Automated Bag-Drops have belts that are at a low height of 10cm from the ground, making it easy for passengers to lift their luggage onto the machine.

## BCA UNIVERSAL DESIGN (UD) MARK AWARDS 2018

- To ensure an efficient and smooth check-in journey, the Automated Check-in Kiosks are angled to facilitate passenger flow to move naturally towards the immigration zone.
- An immersive experience awaits passengers through a stunning display of *Peranakan Love Story* – a six-minute theatrical show that engages and entertains at the Heritage Zone. There, the heritage-themed shophouse facades showcase Singapore's local culture and architectural history, evoking nostalgia among locals. Passengers can enjoy the show while resting on one of the many whimsical chairs around.
- Temperature sensors are installed throughout the terminal to monitor and ensure a uniform temperature across the terminal. As Singapore's humid weather may be overwhelming at times, large fans have been installed at the outdoor Arrival pick-up area to help keep the heat off as visitors exit the terminal.
- T4 has a kerb-less kerb, for ease of movement. Passengers have levelled access in and out of the terminal, which enhances safety and ease in pushing and loading of luggage from vehicles. This is also friendlier for passengers using wheelchairs and for families with strollers.
- Behind-the-scenes, working conditions for staff has been well thought through and catered for. For example, spot cooling is installed so baggage handling crew can work in a more comfortable environment. The sorting area is also painted in different colours to demarcate different zones, especially at areas which require high attention from the ground handlers. For baggage handling, T4 uses the Individual Carrier System instead of the traditional common conveyor system. Each bag is laid in an individual tray which comes with a unique tag, improving the tracking efficiency of baggage.
- The design of T4 integrates aesthetics with functionality and ergonomics. For example, washrooms are designed with concealed hand soap and paper dispensers beneath countertops and behind mirror cabinets. There is also a pull-out mechanism containing a centralised hand soap refilling system which allows the topping-up of six soap dispensers concurrently. With this, cleaners do not need to squat down to access individual soap dispensers from beneath the countertops, which is typical in most wash areas.

# BCA UNIVERSAL DESIGN (UD) MARK AWARDS 2018

## Completed Projects

UD Mark |for Gold<sup>PLUS</sup>



### **Bellewaters**

Residential (New)

### **Owner/Developer**

Qingjian Realty (Anchorvale) Pte Ltd

### **Architect**

ADDP Architects LLP

### **Project Details**

Bellewaters is an executive condominium development located at Anchorvale Crescent, comprising 651 units in 10 residential blocks. True to its name, waterscape is a key tool in creating a healing environment to the residents and visitors in a dense residential development.

### **Key UD Features**

- Six distinct thematic landscape spaces serves as identity markers along the spines of the development
- Children's' playground and water play area are integrated into a children's' zone, adjacent to main swimming pool lined with ample seating and deck chairs for convenient adult supervision
- Comprehensive signage system with good colour contrast and good use of pictogram as universal language to guide residents and guests to amenities
- Communal spaces are generous with space: along landscape pathways, function room, pavilions and fitness corners, allowing comfortable manoeuvring spaces for persons on wheelchair and their caregivers.
- Pathways along landscape areas and steps leading into pool adopts distinct finishes to provide clear and safe paths for residents and visitors

# BCA UNIVERSAL DESIGN (UD) MARK AWARDS 2018

## Completed Projects

UD Mark |for Gold<sup>PLUS</sup>



Photo Credit: Keppel Land Singapore

**Corals at Keppel Bay**  
Residential (New)

**Owner/Developer**  
Keppel Land Singapore

**Architect**  
DCA Architects Pte Ltd

### Project Details

Corals at Keppel Bay comprises 11 blocks of medium-rise residential blocks with a basement car park. The development that sits alongside the historic King's Dock strives to create a desirable live-work-play environment and promote urban marina living experience. It is well connected to surrounding parks, Harbourfront MRT station and completes the promenade connection from Vivocity to Labrador Park.

### Key UD Features

- The development initiates the retention of wild corals discovered at site and continues to cultivate their growths
- Vehicular traffic is separated from pedestrian movements to provide a safe environment for the residents.
- All units are fitted with full length windows to allow for full view of the harbour and dock fronts. Each unit is also fitted with a holistic smart home system, the first in the world for the residents to enjoy an integrate myriad lifestyle
- Good detailing and quality finish allow residents to enjoy living comfortably in the high-end development

# BCA UNIVERSAL DESIGN (UD) MARK AWARDS 2018

## Completed Projects

UD Mark |for Gold<sup>PLUS</sup>



### **D'Nest**

Residential (New)

### **Owner/Developer**

City Developments Limited /  
Hong Realty (Private) Limited /  
Hong Leong Holdings Limited

### **Architect**

Architects 61 Pte Ltd

### **Project Details**

D'Nest is a vast private residential development located along Pasir Ris Grove, comprising 912 units in 12 residential blocks. Alongside an array of communal facilities and a basement car park, D'Nest boasts lush landscaping and conscientious incorporation of social areas across its site. The living environment is engaging and conducive, and cultivates an atmosphere of tranquil communal living that is perfect for end users regardless of age, gender, and disability. Inclusive design features are integrated with the architectural compositions of the development in a holistic manner; hence the design for wholeness which allows everyone to enjoy equally, confidently, and independently in everyday activities.

### **Key UD Features**

- Seamless connection between building blocks and facilities within D'Nest with the generous provision of wide circulation paths and convenient access to all levels by ramps, lifts and ambulant disabled stairs. This creates a safe and user-friendly living environment
- Sky terraces at the residential building blocks are filled with thriving greenery and ample seating areas. Such communal spaces within the building encourage greater social integration of the residents

## BCA UNIVERSAL DESIGN (UD) MARK AWARDS 2018

- Building directories are made accessible for all with Braille directions and maps, situated prominently at the main entrance and reception and communal facilities
- Centred around promoting multi-generational living, D'Nest offers a wide range of 1 to 4 bedroom units and 5 bedroom dual key units for utmost inclusivity
- Residents are given options to choose smart storage system designs in their units. This ensures that a unit's storage space is at its maximum without needing to create redundant storage rooms. 1 bedroom units also have innovative ceiling storage that does not obstruct one's mobility within the space

# BCA UNIVERSAL DESIGN (UD) MARK AWARDS 2018

## Completed Projects

UD Mark |for Gold<sup>PLUS</sup>



**Riverbank @ Fernvale**  
Residential (New)

**Owner/Developer**  
UOL Development (Sengkang)  
Pte Ltd

**Architect**  
DP Architects Pte Ltd

### Project Details

Located at Sengkang West Way, the Riverbank is a private residential development comprising 4 blocks of 19 Storeys with a total of 61 units. There are common facilities that cater to users of different age group and physical abilities.

### Key UD Features

- The development sits on a higher level than the adjacent Punggol Reservoir Park. The design capitalises on the level difference by creating different landscaping along the landscape deck such as a trail with a riverside experience and a nature-themed boardwalk. Cascading water feature cleverly mitigates the sharp site level difference yet provide spaces for social and recreation gathering
- Common amenities are designed with consideration of users with different needs. The swimming pool is provided with options of ramp and stepped accesses to facilitate elderly and wheelchair users. Barbeque pits include lowered counter-tops to enable users of different physique and wheelchair users to participate in food preparation
- The seating area at the main entrance drop off is designated as the “Universal Design Corner”. Explanatory poster stands provide educational notes on Universal Design. This allows residents and visitors to be introduced to Universal Design and appreciate the Universal Design features in the development
- Service cat-ladders are properly locked and tucked away from view

# BCA UNIVERSAL DESIGN (UD) MARK AWARDS 2018

## Completed Projects

UD Mark |for Gold<sup>PLUS</sup>



### **The Verandah @ Matilda**

Residential (New)

### **Owner/Developer**

Housing & Development Board

### **Architect**

Building & Research Institute  
(HDB)

### **Project Details**

Located at the Matilda district, south-west of Punggol Eco-town, The Verandah @ Matilda comprises 2 blocks of 12- to 17-storey and 3 blocks of 15- to 17-storey residential buildings with a 2-storey carpark and 2 precinct pavilions.

### **Key UD Features**

- The development aims to achieve a high quality living environment for residents. Common amenities are located on an elevated landscape deck. This separates vehicular traffic from pedestrian circulation so that children and seniors can enjoy the amenities in a safe and tranquil environment.
- The overall design of this development draws inspiration from the conserved Matilda House and the lush landscape that once surrounded it. The verandah concept connects with adjacent developments and amenities seamlessly while providing residents with a green and car-free environment.
- Community spaces, located at spill-out corridors, are fitted with inclusive furniture of varying heights and grab bars. A wide range of amenities is available to cater to various groups of users. For example, there is a childcare centre, precinct pavilions, children's playground, fitness corner, as well as community green and community gardening activities.
- Car parks are colour coded so residents can identify their blocks easily.

# BCA UNIVERSAL DESIGN (UD) MARK AWARDS 2018

## Completed Projects

UD Mark |for Gold<sup>PLUS</sup>



Photo Credit: RSP Architects Planners & Engineers (Pte) Ltd

### **Waterway Point and Watertown**

Mixed

Residential (New) and Non-Residential (New)

### **Owner/Developer**

Emerald Star Pte Ltd and FC Retail Trustee Pte Ltd (as Trustee Manager of Sapphire Star Trust)

### **Architect**

RSP Architects Planners & Engineers (Pte) Ltd

### **Project Details**

Waterway Point and Watertown is Punggol's first waterfront development in Singapore that seamlessly integrates residential, retail mall, Punggol Waterway and transport nodes.

### **Key UD Features**

#### Waterway Point

- It is the first retail mall in Singapore to be integrated with a town square and a visitors' centre which provides an avenue for residents and shoppers to learn more about the heritage of Punggol through exhibitions and civic and community events
- Sculptural artworks located at semi-outdoor spaces for public's enjoyment, makes art appreciation accessible to all. These sculptures also serve as visual references and meeting points for shoppers
- The 24-hours thoroughfare provides a covered and accessible linkage between the MRT to the promenade as well as the new town square and a visitors' centre

## **BCA UNIVERSAL DESIGN (UD) MARK AWARDS 2018**

- As a family-orientated mall, it features a “kids and Family zone” with various educational learning centres, an indoor themed play area for children, as well as an outdoor wet and dry playground adjacent to the F&B area which allow parents and elderly to supervise the children while overlooking the Punggol Waterway
- Well-served by family-friendly amenities like nursing rooms and child-friendly sanitary and shower facilities. Spacious walkways also make it easier for parents to push their strollers around

### Watertown

- Watertown residential units are broadly inspired by 4 different themes (Patio, Residences, Suites & Soho), designed differently to cater to the different residential lifestyle needs. Sky Patio units, with large balconies and spacious layouts, is designed for multi-generation family to live together under the same roof, while enjoying the generous view of Punggol Waterway in the comfort of their shaded balconies
- Every residential unit is also designed with a view towards a water-body, either looking towards a water feature, the pool or Punggol Waterway
- User-friendly provisions within the residential units include casement windows with horizontal handles, wider doorways and corridors as well as digital lockets for easy access

# BCA UNIVERSAL DESIGN (UD) MARK AWARDS 2018

## Completed Projects

UD Mark |for Gold<sup>PLUS</sup>



### **White Sands**

Family Friendly Business

### **Owner/Developer**

ARMF (Whitesands) Pte. Ltd.

### **Project Details**

White Sands is a shopping mall that has been in Pasir Ris for the past 18 years. To stay relevant to the changing demographics in the vicinity, the mall underwent a 40 million Assets Enhancement Initiative (AEI) to improve its amenities standards, retail variety and brand positioning.

### **Key UD Features**

- Having completed the refurbishment in 2016, there are more family-friendly amenities such as increased number of upgraded nursing rooms and an improved national board library with a space managed by teens, for teens. To announce works completion, the mall launched a 2-month long campaign by hosting a series of family-friendly activities in effort to encourage families to bond and spend more time in the mall
- Other changes include improvements in navigating around the mall with more directional signage for way finding and a sheltered accessible walkway to the MRT station
- Complimentary use of wheelchair, umbrella, power bank, baby strollers and shopping stroller to provide holistic customer service to the shoppers
- A Welcome kit which includes complimentary parking, mall and breakfast voucher is sent to families in new developments around white sands catchment to welcome new families to the area
- There are also NS (National Service) Specials such as meal discounts for recruits and their families during book-in and book-out

## **BCA UNIVERSAL DESIGN (UD) MARK AWARDS 2018**

- A series of family centric marketing campaigns such as Disney on ice, Space adventure and Halloween campaigns are organised to promote family bonding
- The mall has a high proportion of repeat family customers as the team is trained to welcome families. Families have a positive experience with the Mall and feel welcomed and comfortable. Customer service feedback surveys show consistently good results and service staff receives frequent compliments from family customers

# BCA UNIVERSAL DESIGN (UD) MARK AWARDS 2018

## Completed Projects

UD Mark |for Gold



### 69 Geylang Bahru Food Centre & Market

Non-Residential (Refurbished)  
*(UD Mark V2.0)*

#### Owner/Developer

National Environment Agency

#### Architect

SQFT Architects Pte Ltd

### Project Details

Geylang Bahru Hawker centre is a refurbished project that is located within close proximity of the new Downtown Line's Geylang Bahru MRT station.

### Key UD Features

- Bright-coloured metal façade gives the hawker centre a new identity that allows it to stand-out from its surrounding public residential housing environment
- The roof was and all the food and market stalls re-orientated to maximise ventilation and avoid the East-West Sun so that patrons can experience a comfortable dining environment. Stall owners can work extended hours without glare and direct heat. Rezoning also separates the services routes to the rubbish bin areas from food and food delivery
- More sheltered accessible routes enhanced connectivity from the hawker centre to the surrounding residential developments and amenities
- Nursing and family room and accessible toilets within the hawker centre are prominently located and easily identified
- Surrounding pathways were improved to match the levels to provide seamless connections from the nearby bus stop, making it safe for elderly neighbourhood residents to travel

# BCA UNIVERSAL DESIGN (UD) MARK AWARDS 2018

## Completed Projects

UD Mark |for Gold



### **VUE 8 RESIDENCE**

Residential (New)

#### **Owner/Developer**

Publique Realty (Pasir Ris) Pte Ltd

#### **Architect**

Swan & Maclaren Architects Pte Ltd

### **Project Details**

Located at Pasir Ris Drive 3 is VUE 8 RESIDENCE, a private residential development comprising 9 blocks with a total of 463 units. It features communal facilities and a sky garden with scenic view of Pasir Ris Beach. The common facilities are incorporated with Universal Design features that support users of a wide range of ages and abilities.

### **Key UD Features**

- Communal facilities located on the “e-deck” on the 1<sup>st</sup> Storey offer spectrum of recreational facilities, including children’s play pool, playground, elderly exercise corner, fitness corner and barbeque pits. These amenities placed amidst lush greenery with ample seating provide entertainment for a wide range of age groups and persons of diverse physical abilities
- Communal landscaped sky garden with seats enable residents and visitors to enjoy scenic sea view of Pasir Ris Beach. In addition of the gym at the e-deck, additional gym is located adjacent to sky terrace to maximise views to sea
- Due to inherent tiered-profile of the site, entrance to the precinct is via the 2<sup>nd</sup> Storey and communal facilities are on located the 1<sup>st</sup> Storey E-deck. A connecting bridge from the main entrance drop-off to the roof of the club-house provide unobstructed views of the amenities on the E-deck to arriving visitors. The bridge is aesthetically integrated on the roof of the club-house with unique structural form. This creates a communal space with seats for the residents and also forms a visual focal point for visitors

# BCA UNIVERSAL DESIGN (UD) MARK AWARDS 2018

## Completed Projects

UD Mark |for Gold



### **Bellewoods**

Residential (New)

### **Owner/Developer**

Qingjian Realty (Woodlands) Pte Ltd

### **Architect**

ADDP Architects LLP

### **Project Details**

Bellewoods is an executive condominium development located at Woodlands Crescent, comprising 651 units in 12 residential blocks. The development mimics the tranquil environment through resort-like living with the use of landscapes and natural materials and neutral colour schemes.

### **Key UD Features**

- Six distinct thematic green landscape spaces serves as identity markers using along the spines of the development
- Well designated, safe and wide accessible route wrapping around the perimeter of the development
- Comprehensive signage system with tactile directory and integrated braille system throughout development, attaining a good balance of aesthetics and universal design provision for persons with vision-impairment
- Communal amenities are well detailed especially at step nosings, walkway edges, allowing elderly and those with lower vision to take note of changes in levels or approach towards landscape areas

# BCA UNIVERSAL DESIGN (UD) MARK AWARDS 2018

## Completed Projects

UD Mark |for Gold



### **Marsiling Mall**

Non-Residential (New)

*(UD Mark V2.0)*

### **Owner/Developer**

National Environment Agency

### **Architect**

Architects Project Group LLP

### **Project Details**

Marsiling Mall houses the hawkers and provision shops owners who have relocated from the old Woodlands Town Centre by the checkpoint. The mall is a 2 storey development adjacent to the Woodlands Stadium, where the hawkers occupy the first storey and the provision shops owners are located on a fully air-conditioned second storey.

### **Key UD Features**

- All accessible paths are wide and a connection to the adjacent Woodlands Stadium was constructed, allowing neighbourhood residents to make use of the building as a sheltered shortcut
- Stall queuing spaces have been widened to accommodate expected returning long-time patrons
- Large, clean and well-equipped nursing rooms are provided at both levels of the mall. The family-centricity of the mall extends to a well-designed and decorated childrens' eating corner in the hawker and family lots located directly adjacent to lift lobbies at all car park levels
- Way-finding makes use of strong, bold colours and feature walls to orientate and guide elderly patrons

# BCA UNIVERSAL DESIGN (UD) MARK AWARDS 2018

## Completed Projects

UD Mark |for Gold



**The Panorama**  
Residential (New)

**Owner/Developer**  
Pinehill Investments Pte  
Ltd

**Architect**  
MKPL Architects Pte Ltd

### Project Details

The Panorama is a private residential development located at Ang Mo Kio, comprising 698 units in 6 residential blocks. An inclusive tree-top walk is the centrepiece of the central communal zone, offering residents and visitors a “fly-through” experience.

### Key UD Features

- The drainage system at landscape pathways leading back to tower blocks and communal amenities such as gymnasium were thoughtfully designed to avoid drops, slopes and ponding at entrance thresholds, creating seamless access
- The pedestrian access into the development is designed as a separate, sheltered passageway that leads to the management office, providing a safe path that guides residents and visitors to a checkpoint where assistance is available
- The residential blocks roof access as well as the sky bridge maintenance access are provided with proper gate access and landing areas, demonstrating considerations for the well-being of the maintenance crew from the onset of design

# BCA UNIVERSAL DESIGN (UD) MARK AWARDS 2018

## Completed Projects

UD Mark |for Gold



**Golden Ginger**  
Residential (New)  
*(UD Mark V2.0)*

**Owner/Developer**  
Housing & Development Board

**Architect**  
CSYA Pte. Ltd.

### Project Details

Golden Ginger is a public residential development in Serangoon, comprising a multi-storey carpark and 2 blocks with a total of 150 studio apartments. The roof of the multi-storey carpark hosts the communal spaces of the estate, including a senior activity centre.

### Key UD Features

- Each level of the multi-storey car park is linked directly to the residential blocks, making the journey from the carpark to the respective units seamless and direct for the elderly target user group.
- The main drop-off is well sheltered with ample seating, making it friendly for the elderly to wait for their transport or to take a rest during their walks around the estate.
- Safety and care for the elderly residents are paramount, and this is demonstrated in the individual units which are fitted with alarm pull cords in the living, bed and bath rooms. These pull cords are linked to an alert alarm system, with alarm panels located along each lift lobby and the senior activity centre.
- Each lift lobby is fitted with seating. There is also signage showing residents how to use the alarm panel.

## BCA UNIVERSAL DESIGN (UD) MARK AWARDS 2018

UD Mark   Gold <sup>PLUS</sup> (Design)		
Project	Category	Project Team
<b>18 robinson</b>	Non-Residential (New) <i>(UD Mark V2.0)</i>	<b>Owner/Developer</b> TUAN SING HOLDINGS LIMITED  <b>Architect</b> Architects 61 Pte Ltd
<b>CapitaSpring</b>	Non-Residential (New) <i>(UD Mark V2.0)</i>	<b>Owner/Developer</b> CapitaLand Limited, CapitaLand Commercial Trust and Mitsubishi Estate Co., Ltd  <b>Architect</b> RSP Architects Planners & Engineers (Pte) Ltd
<b>Funan</b>	Non-Residential (New) <i>(UD Mark V2.0)</i>	<b>Owner/Developer</b> CapitaLand Group  <b>Architect</b> RSP Architects Planners & Engineers (Pte) Ltd
<b>Jewel Changi Airport</b>	Non-Residential (New) <i>(UD Mark V2.0)</i>	<b>Owner/Developer</b> Jewel Changi Airport Trustee Pte Ltd  <b>Architect</b> RSP Architects Planners & Engineers (Pte) Ltd
<b>Le Quest</b>	Residential (New) and Non-Residential (New) <i>(UD Mark V2.0)</i>	<b>Owner/Developer</b> Qingjian Realty (BBR) Pte Ltd and Qingjian Realty (BBC) Pte Ltd  <b>Architect</b> ADDP Architect LLP

## BCA UNIVERSAL DESIGN (UD) MARK AWARDS 2018

UD Mark   Gold <sup>PLUS</sup> (Design) - Continued		
Project	Category	Project Team
<b>Outram Community Hospital</b>	Non-Residential (New) <i>(UD Mark V2.0)</i>	<b>Owner/Developer</b> Ministry of Health  <b>Architect</b> CIAP Architects Pte Ltd
<b>State Courts Towers</b>	Non-Residential (New) <i>(UD Mark V2.0)</i>	<b>Owner/Developer</b> State Courts of Singapore  <b>Architect</b> CPG Consultants Pte Ltd

UD Mark   Gold (Design)		
Project	Category	Project Team
<b>Ang Mo Kio Linear Park</b>	Parks & Public Spaces <i>(UD Mark V2.0)</i>	<b>Owner/Developer</b> National Parks Board  <b>Architect</b> Kay Ngee Tan Architects
<b>The Visionaire</b>	Residential (New) <i>(UD Mark V2.0)</i>	<b>Owner/Developer</b> Qingjian Realty (Sembawang) Pte Ltd  <b>Architect</b> Surbana Jurong Consultants Pte Ltd