



## 2018 New York Design Awards

spaces, objects, visual, graphic, digital & experience design, design champion, best studio & best start-up, plus over 40 specialist categories

accelerate transformation, celebrate courage, growing demand for design

### Key Dates

- 24 May – Standard Deadline
- 12 November – Final Deadline
- 13 November – Judging
- 14 November – Rating Closes
- 15 November – Winners Announced
- 3 December – Awards Presentation

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## 8 Saint Thomas

Bukit Sembawang Estates Limited / DP Architects Pte Ltd | Architecture - Residential - International

[Website](#)


### Project Overview

8 Saint Thomas Residence is a high-end condominium located in the heart of Orchard road – the most famous vibrant shopping street in Singapore. Standing at 153 meters tall, the condominium comprises of 250 freehold units with two blocks at 35 and 36 storeys respectively. It is packed with a wide range of supporting facilities and convenient transportation. Within walking distance, there are many shopping malls, hotels, schools, medical facilities and two mass rapid train stations 500 meters away.

8 Saint Thomas seeks to create a sense of art and a strong identity; to redefine the ideals of modern urban living environment that is luxurious, modern, stylish and sustainable.

### Project Commissioner

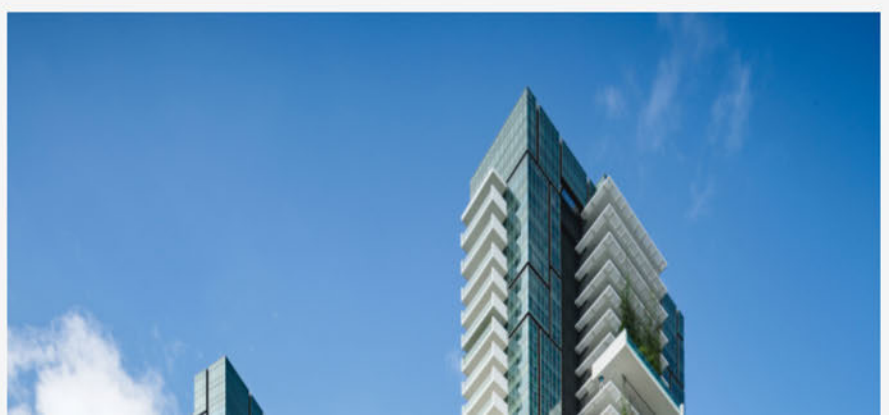
[Bukit Sembawang Estates Limited](#)

### Project Creator

[DP Architects Pte Ltd](#)

### Team

Lee Siat Kiat, Wu Zhi Wei, Terrence Chua, Twu Shih Min, Ekarat Punsupol, Brenda Yek JieLing, Lee Wey Jiun, Chong Mei Yan, Elsie Ong





## Project Brief

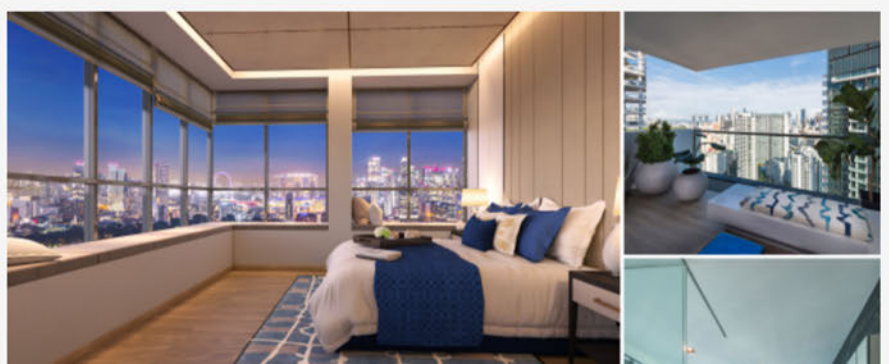
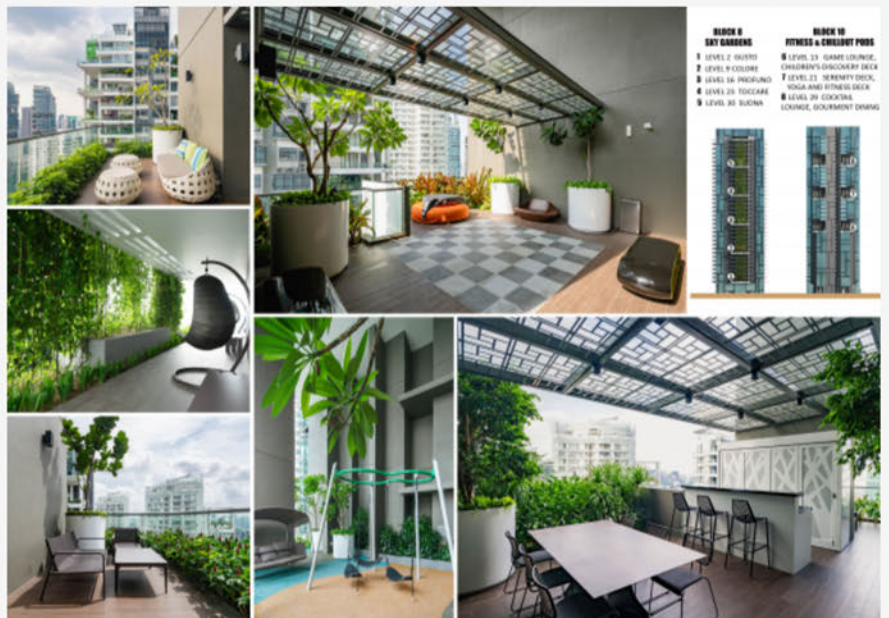
In these days, within a high-density urban living environment, housing units are increasingly becoming smaller in size, and greenery is detached more and more from the residents. With that in mind, 8 St Thomas introduces a series of sky terraces that would enhance the well-being and lifestyle for its residents. There are 11 sky terraces in two blocks, that function as interactive spaces for guests and for social gatherings. The sky terraces are strategically arranged according to their own specific purpose. Some of these spaces include a game lounge, children's discovery area, serenity deck, yoga space, cocktail lounge, and a gourmet dining space which is located at the highest sky terrace to optimise the magnificent view.

One of the luxuries and pleasures of living in a luxurious high-rise environment is the spectacular view. The towers are raised 7 to 11 meters to use up the height control limit and bring daylight into the basement level. The sky terraces are inserted to further maximise the overall height, at the same time allow the residents to have the luxury of overlooking the beautiful city centre area as well as views of the Singapore River, Marina Bay Area, Orchard Road and the Robertson Quay area. They are beneficial not only to the higher floors units but also to the residents living on the lower floors and smaller units since they are able to go up and enjoy the facilities, greenery and views.

## Project Innovation/Need

The other important feature is the elevated green deck, which adopts a multi-layer green technique to enhance the overall development. It merges to the ground while hiding the facilities beneath, to reduce the high-density effect while creating a second level of the recreational area. The green deck also acts as a green barrier to separate the cosy and private courtyard space from the public road and neighbouring plots.

The stylish aesthetic of 8 Saint Thomas is designed through the implementation of artful geometric patterns. The façade pattern is inspired by the art of Piet Mondrian that revolves around the theme of the search for 'Universal value and aesthetic'. Mondrian is known for being one of the pioneers of abstract art, which reduces artistic forms to simple geometric elements as a form of "universal beauty". To achieve the clean facade, the "flush line" curtain wall system was used to prevent the appearance of bulky openable windows frames, and maintain the rectilinear design to the façade. A dynamic sense of rhythm on the facade accentuates an exquisite character and quality of a home while adding a sleek and timeless building to the lush skyline of Orchard Road.





## Design Challenge

One of the design challenges was to provide an excellent panoramic view and vista for each unit while minimising the total heat gain of the building.

The structural elements are positioned away from the edge of the building so that glass could be used throughout the building façade, providing a clear view for the residents. The towers are orientated to face north and south with the use of a low-e, high-performance curtainwall system. Furthermore, a double-glazed curtainwall system is used for windows facing east and west to effectively minimise the heat gain. Instead of full height windows, bay windows are introduced along the perimeter for all units, to further reduce the heat gain, and make the rooms look more spacious. They can, therefore, be turned into seating or display areas without compromising the views.

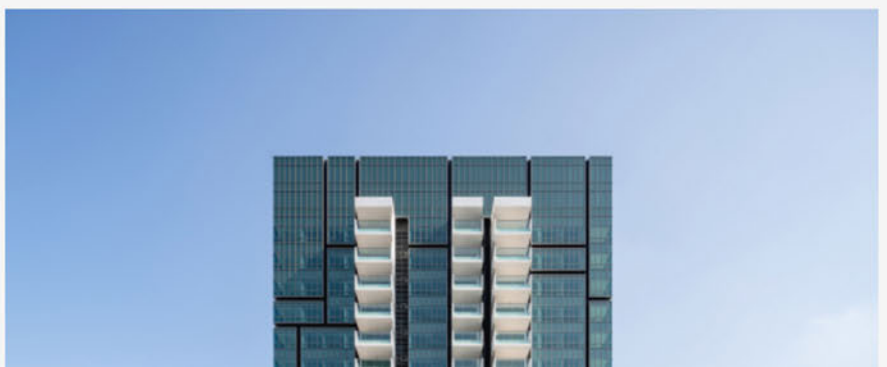
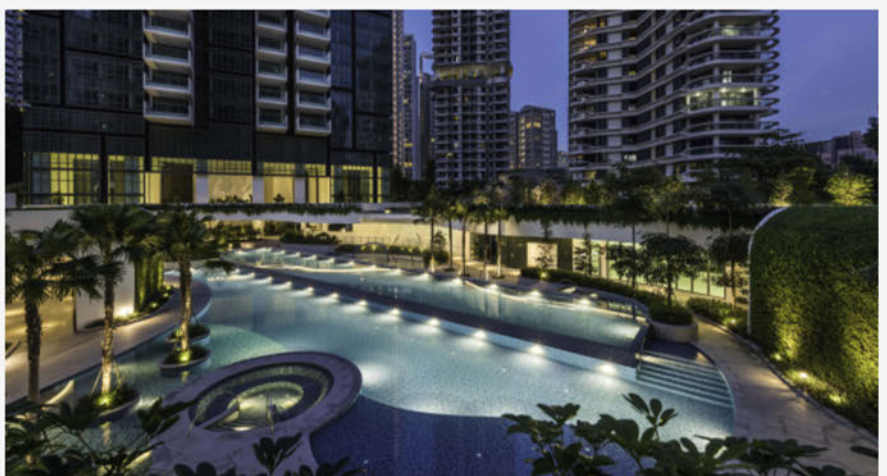
Facing the challenges of a diversified market needs, 8 St Thomas offers 1- to 4-bedroom apartment types, and also special 'dual-key' units, which provide added value and flexibility for owners who wish to live with multi-generational families or lease out part of their unit and still maintain a degree of privacy.

## Sustainability

8 Saint Thomas has successfully obtained the Gold Green Mark certification with considerations of energy efficiency, water efficiency, such as an energy efficient lift and lighting system, low-e glass, rainwater harvesting, composting bin, home automation systems and also electric an car charging facilities. A rainwater harvesting tank located in the basement diverts rainwater collected on site for the irrigation of plants at the 1st story. A multilayer green strategy is also used in forms of vertical green walls and sky terrace creepers to create a lush environment against the harsh tropical climate.

### Architecture - Residential - International

This award celebrates the design process and product of planning, designing and constructing form, space and ambience that reflect functional, technical, social, and aesthetic considerations. Consideration given for material selection, technology, light and shadow.  
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**Photo Credit :** Bukit Sembawang Estates Limited and DP Architects