

# BUILDING PROJECT LEADERSHIP IN SUSTAINABILITY URBAN RENEWAL

## SOUTH BEACH

### Green Mark Platinum

#### Project Team:

- Developer: South Beach Consortium Pte Ltd
- Architect: Aedas Pte Ltd
- Design: Foster + Partners
- M&E: Parsons & Brinkerhoff Pte Ltd
- Builder: Hyundai Engineering & Construction
- QS: Davis Langdon & Seah Singapore Pte Ltd

South Beach is a mixed-use development that integrates four heritage buildings, which comprises of three military blocks and the NCO Club from the former Beach Road Camp built in 1952, along with two high rise modern towers of 34 and 45 levels. An integral aspect of South Beach's development plans was the conservation and restoration of all four heritage military buildings, with extensive repair work instituted to extend their service life and interspersing them with conserved mature trees.

Designed to be a natural extension of the adjacent historic district, the key old buildings on-site were also used to define the pedestrian routes through the development. Much of the old Beach Road camp's original façade has been retained to form part of the integrated development. Sustainable strategies have been implemented throughout the development to maximise the building's conservation of energy, which involves the analysis of daylight, surface temperature, thermal comfort, rain protection, and air velocity to achieve the most optimal building performance solution.

