



## RESIDENTIAL

### Northshore Residences I & II at Punggol Northshore

12 Bblks of 8/17/20/24/25 Stys Residential Bldg (1402 Units), 1 Blk of 3-Sty Commercial Bldg with ESS, 2 Levels Car Park (1<sup>st</sup> & Basement) with Landscape Deck, Community Facilities, ESS & Precinct Pavilion at Punggol Way / Northshore Walk (Punggol North C6/C7 & NC)

The 1,402 units in 12 residential blocks are the first batch of smart-enabled BTO flats to have smart features incorporated throughout by the HDB.

CLIENT: Housing & Development Board

PROJECT VALUE: S\$220M

ECAS' RROLE: QP Supervision

COMPLETION DATE: 2021



**ECAS**



## RESIDENTIAL

### Tampines GreenGem @ Tampines N9 C18

Tampines GreenGem offers 1,086 units of 2-Room Flexi, 3-Room, 4-Room and 5-Room flats comprising 7 blks of 17-sty, 2 blks of 16-sty, 2 blks of 14/17-Sty, 2 blks of 13/16-sty residential building, 1 blk of 3-sty multi-storey car park with roof garden, 1 blk of 1-storey car park with e-deck, commercial, social communal facilities, ESS, bin centre & precinct pavilions at Tampines St 96.

The site is located very near to Tampines West MRT Station as well as the Tampines Expressway, which provide the future residents with excellent accessibility to the rest of the island.



CLIENT: Housing & Development Board

PROJECT VALUE: S\$191M

ECAS' RROLE: QP Supervision

COMPLETION DATE: 2023

**ECAS**





## RESIDENTIAL

### Ki Residences @ Sunset Way

10 Blocks of 12-Storey Apartments (Total: 660 Units)  
with Common Basement Carparks & Communal  
Facilities

The building consists of basement slab of 300mm thk  
flat slab with 800mm thk drop panel, 1050mm thk  
transfer plate installed at the 1st storey to support 12  
storeys of residential units, while the typical storey is of  
200mm thk flat plate with perimeter beam.

PBU (Precast Bath-Room Unit) is adopted in the project  
and precast storey shelter with precast staircase flight  
are used in the project.



CLIENT: Hoi Hup Sunway Clementi Pte Ltd

PROJECT VALUE: S\$178M

ECAS' RROLE: Consulting Services

COMPLETION DATE: 2023

**ECAS**



# The ATELIER

Freehold | District 9 | Newton.



## RESIDENTIAL

### The Atelier @ Makeway Ave

Condominium Housing Development Comprising of 1 Block of 22-Storey Residential Building (Total 120 Units) & 1 Block of Multi-Storey Carpark with Basement Carparks, Swimming Pool & Communal Facilities.

The framing of the superstructure for the development consists mainly of RC Slab and beam system, Reinforced Concrete Transfer Plate is located at 7<sup>th</sup> Storey to form support for residential tower units. The framing for the basement consists mainly Reinforced Concrete (R.C) base slab. The structure is founded on R.C bored piles by size from 600mm dia. to 1500mm dia. in both compression and tension types in taking building loads and water uplift forces.



CLIENT: Bukit Sembawang Land Pte Ltd

PROJECT VALUE: S\$48M

ECAS' RROLE: Consulting Services

COMPLETION DATE: 2023





## RESIDENTIAL

### Green Vines Tampines @ Tampines N6 C17-18

Public Housing Development comprising of 11 blocks of 8/9/10/11/12/13/14-storey flats (total 1271 units), 3 blocks of 1-storey carpark with basement, roof gardens, communal facilities, precinct pavilions & ess. The units are of 3 to 5 rooms and have access to lifts at every storey.

The development scheme is composed of a R.C. frame structure, which includes the RC precast beams and RC precast walls, and together with cast in situ columns, lift walls and storey shelter walls. The structure is supported by the reinforced concrete bored piles.



CLIENT: Housing and Development Board

PROJECT VALUE: S\$201M

ECAS' RROLE: Consulting Services

COMPLETION DATE: 2022

**ECAS**

