



# INSTITUTIONAL

## PUNGGOL FIRE STATION

A Block Of 5-Storey Punggol Fire Station And Punggol Neighbourhood Police Centre With A Mezzanine Floor And Roof Garden At Punggol Central.

Involves development of the new combined Punggol Fire Station and NPC and the ancillary works, including but not limited to roads and drainage internally and outside the development boundaries.



CLIENT: Ministry of Home Affairs  
PROJECT VALUE: S\$23.4M  
ECAS' RROLE: Consulting Services  
COMPLETION DATE: 2021





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## BCA ACADEMY

It Consists of a basement carpark, a 16-storey building by APC and PPVC, and a 7-storey building by MET.

The APC is located from Level 1 to 11. The structural elements consist of precast column, precast RC and/or pretension beams (supported on corbels), and precast double T-Slabs.

The PPVC is located from level 12 to 16, with a roof. Each PPVC units comprised of 4 numbers of beams and columns, and RC slab on top of the beams. At each slab level, wet joints will be used to connect with adjacent PPVC units.

The MET is located from level 1 to 7, with a roof. They comprised mainly of structural timber and steel frames.

CLIENT: BCA

PROJECT VALUE: S\$80M

ECAS' RROLE: Consulting Services

COMPLETION DATE: 2022







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### Jalan Besar Community Club

A&A to Ext'g 4-Storey Jalan Besar Community Club with a New 4-Storey Extension at 69 Jellicoe Road (Kallang Planning Area)

the development scheme is composed of a RC frame structure, which includes cast in situ column, beam and lift wall. The structure is supported by the reinforced concrete bored piles.



CLIENT: People's Association

PROJECT VALUE: S\$10M

ECAS' RROLE: Consulting Services

COMPLETION DATE: 2019

AWARDS: BCA Green Mark Award (Gold)  
for Non-Residential Building



**ECAS**





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### Kaki Bukit Community Club

The existing building structure was mostly retained, and a new extension added to densify the development. The new 4-storey extension consists of a double volume naturally ventilated space at ground level, a sheltered programmable zone at 3<sup>rd</sup> storey, and a new roof garden which opens to the sky.



CLIENT: People's Association

PROJECT VALUE: S\$6M

ECAS' RROLE: Consulting Services

COMPLETION DATE: 2021



**ECAS**





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### PASIR RIS NURSING HOME (ADH)

Design Development & Build of Proposed Development of a Nursing Home & Senior Care Centre at Pasir Ris Drive 3, with implementation of PPVC Technology

The development will include elements for offices, dormitory, ADH, DAC, supporting spaces such as multi-purpose hall, kitchen, medical rooms, laundry and other M&E areas. There will be a new road to be constructed as part of the access to the new development, leading from Pasir Ris Street 21



CLIENT: Ministry of Social and Family Development

PROJECT VALUE: S\$38.9M

ECAS' RROLE: Consulting Services

COMPLETION DATE: 2022

