



ENGINEERING AWARD (DESIGN)

BUILDING

# Woodleigh Village

## Project Overview

Woodleigh Village is a vibrant and integrated housing development, strategically bounded by Upper Serangoon Road, Woodleigh Link, Bidadari Park Drive and adjacent to the Woodleigh MRT station. Designed to be an integrated residential, transport and food hub, this development brings convenience, green spaces and a diverse range of amenities to the neighbourhood. The well-designed infrastructure enhances the quality of life for its residents, creating a unique and enjoyable living experience.

## Project Achievements

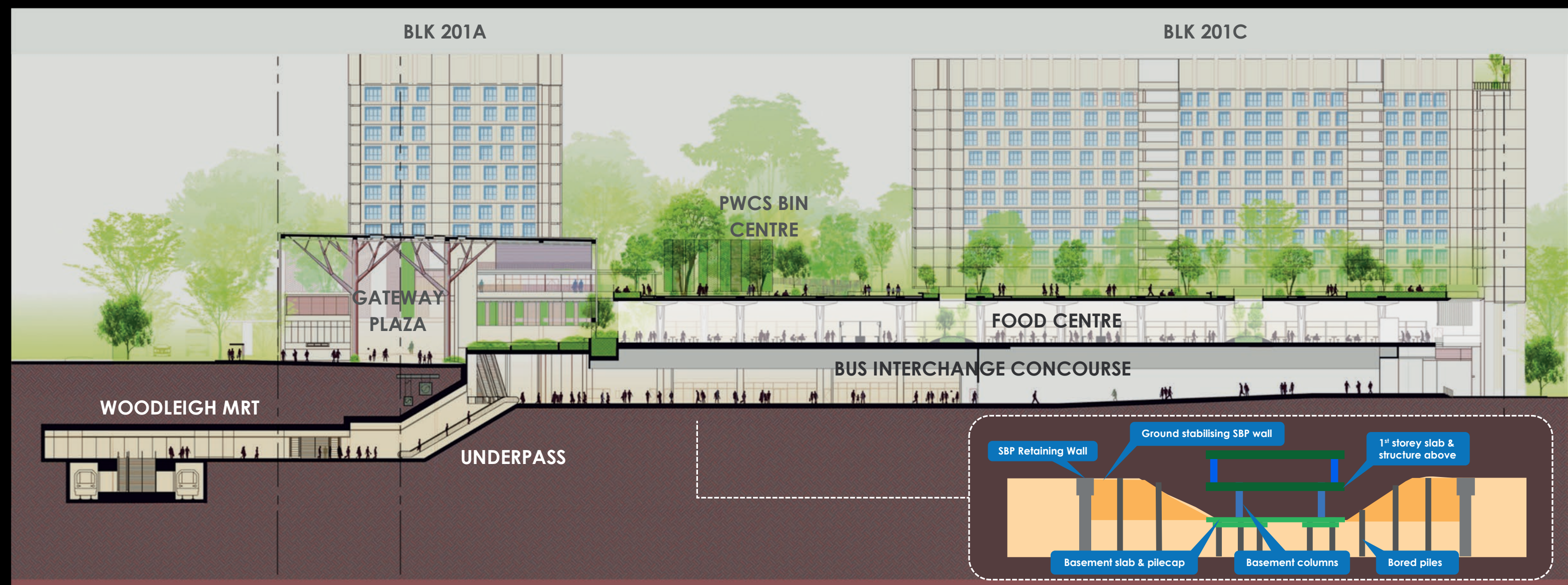
- Integrated development comprising basement bus interchange with residential blocks, hawker centre, pneumatic waste conveyance system bin centre, 3<sup>rd</sup> storey environmental deck, and other amenities
- Utilise long-span post-tensioned slab system to effectively transfer loads from superstructures above into the bus interchange columns and walls whilst creating a spacious bus interchange
- Adopt innovative hybrid bottom-up and top-down construction to overcome construction difficulty and ensure timely project milestone delivery



Designed to be an integrated residential, transport and food hub, this housing development is linked to a bus interchange, hawker centre and Woodleigh MRT station. The name Woodleigh Village brings to mind a closely knitted community where a myriad of activities and exchanges takes place



Environmental deck at 3<sup>rd</sup> storey serves as communal space for mingling and various activities, offering unobstructed views of the scenic Bidadari Park and Alkaff Lake, creating a serene and picturesque setting for residents and visitors alike



Hybrid top-down and bottom up construction was adopted to speed up the basement construction works



Hawker centre infused with natural daylight and a breezy ambience, providing diners with a delightful picnic-like dining experience