



CERTIFICATE OF MERIT, ENGINEERING (DESIGN)

REJUVENATION

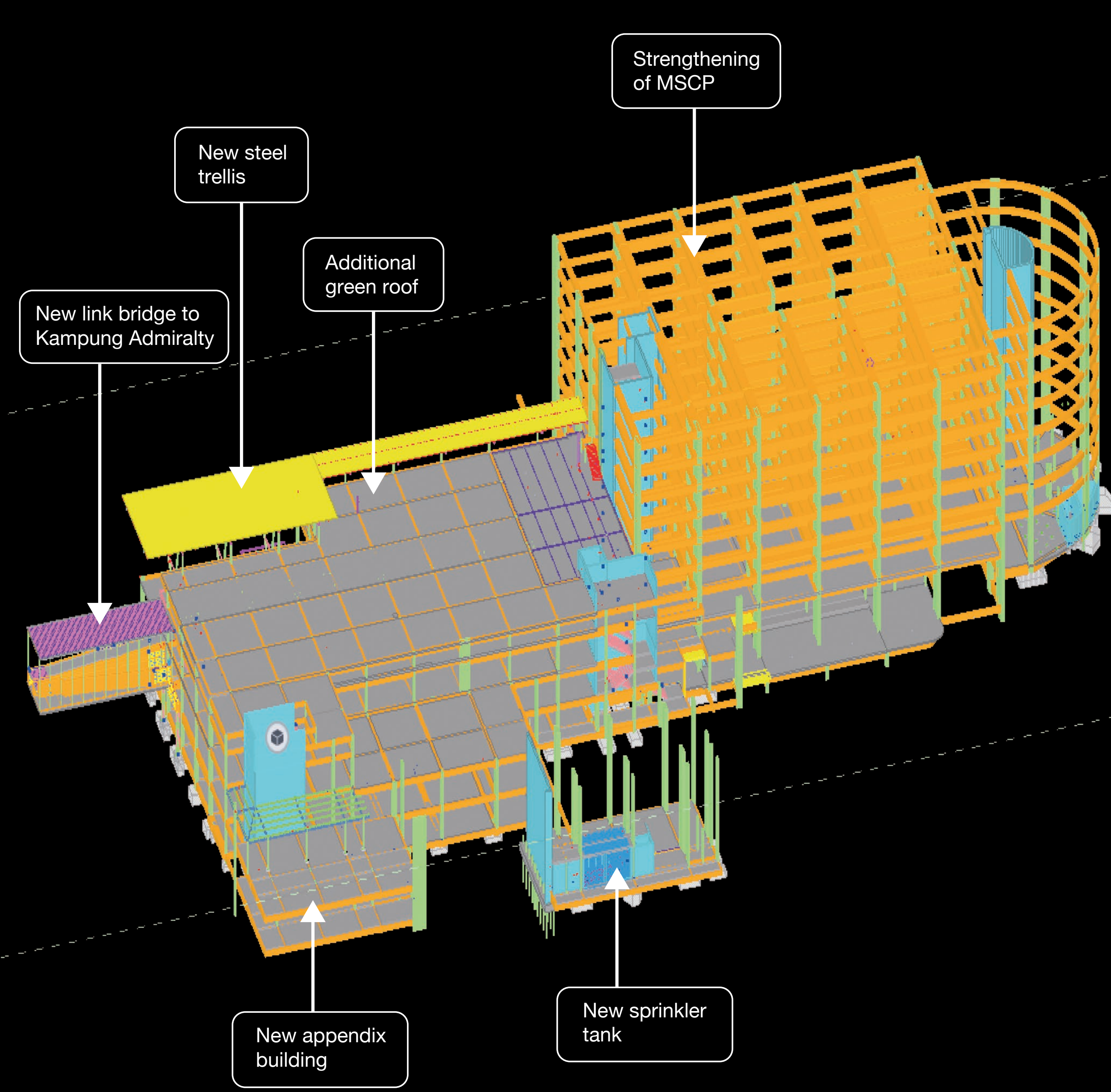
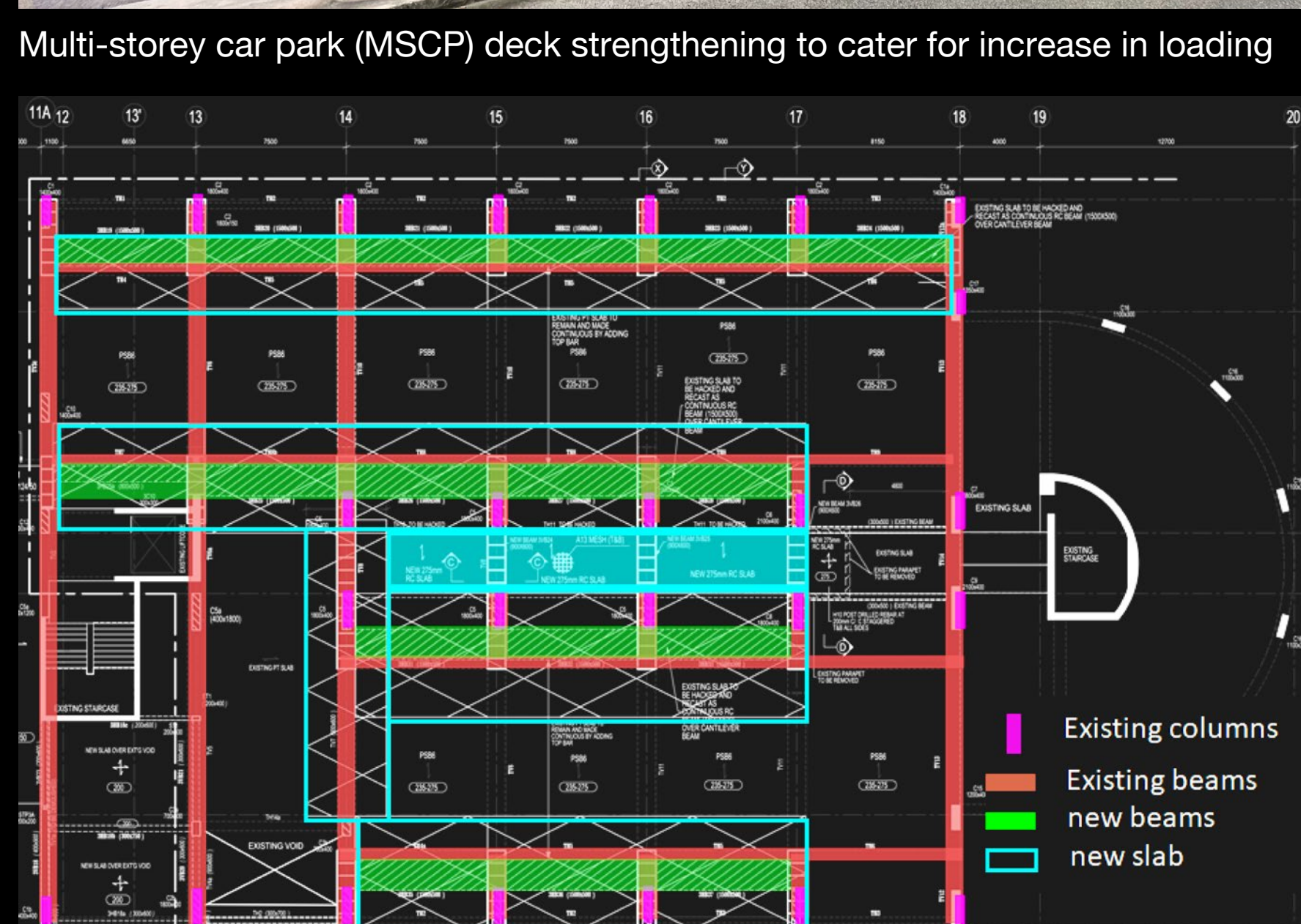
Addition and Alteration Works to Admiralty Place at Woodlands Avenue 6

Project Overview

Admiralty Place is conveniently located at the heart of a bustling neighbourhood, adjacent to the Admiralty MRT Station. The project features a versatile design that encompasses foundation design, car park strengthening work, a new link bridge and a steel canopy. This design not only ensured uninterrupted public access to existing facilities, but also enabled the architect to fulfill the vision of revitalising the neighbourhood.

Project Achievements

- Reuse existing bored piles with minimum micro-piles underpinning to support increase building load
- Strengthen existing car park deck to increase floor loading while keeping public use of car park uninterrupted
- New link bridge to Kampung Admiralty overcoming level differences and congested services
- Safe construction of V shaped steel columns without scaffolding within MRT 1st Reserve



New erection of steel canopy and link bridge to Kampung Admiralty and addition of green roof

MSCP deck strengthened by making the deck slab from simply supporting to continuous spans

Building Information Modelling (BIM) showing the various areas of structural work