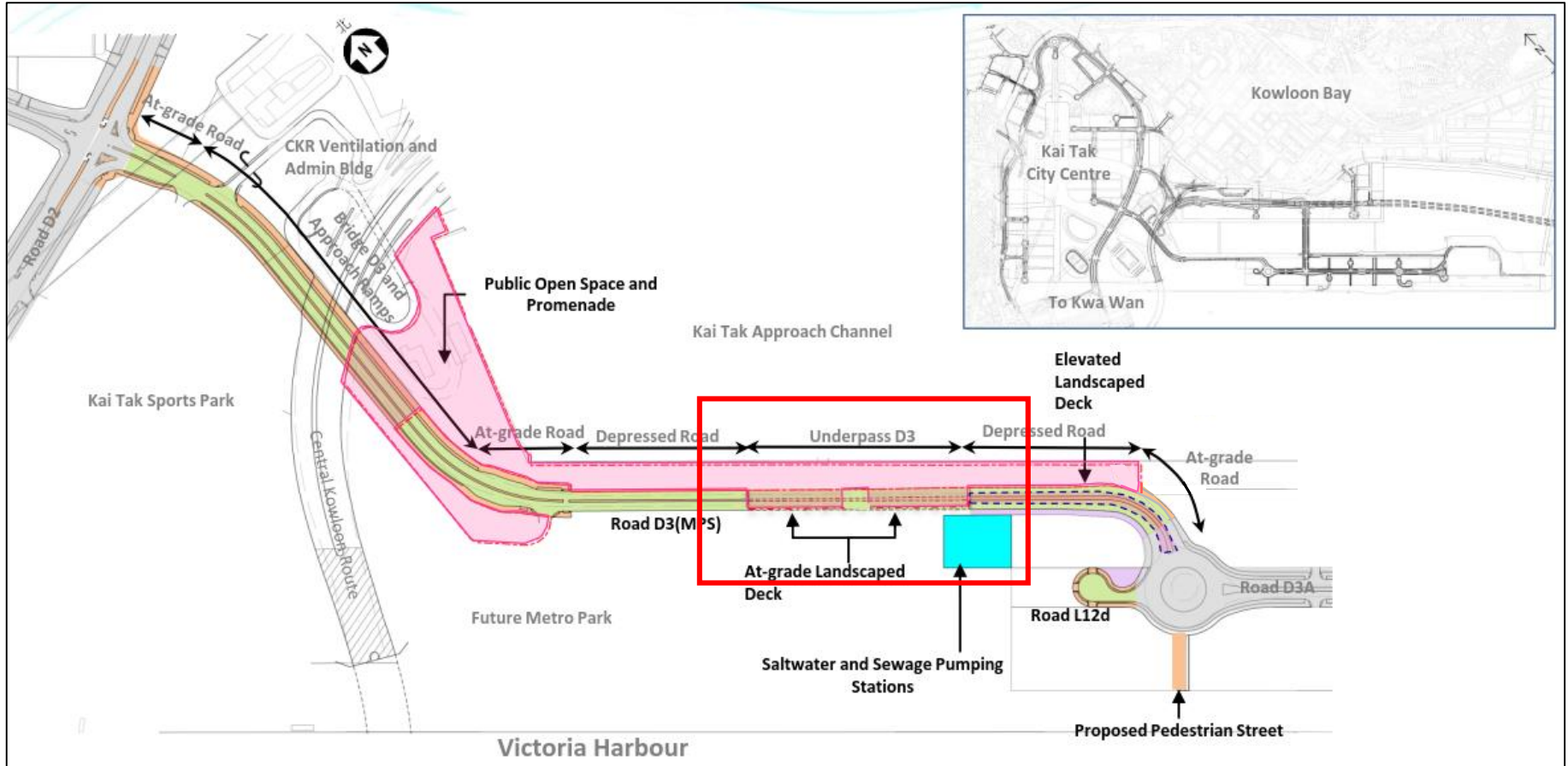
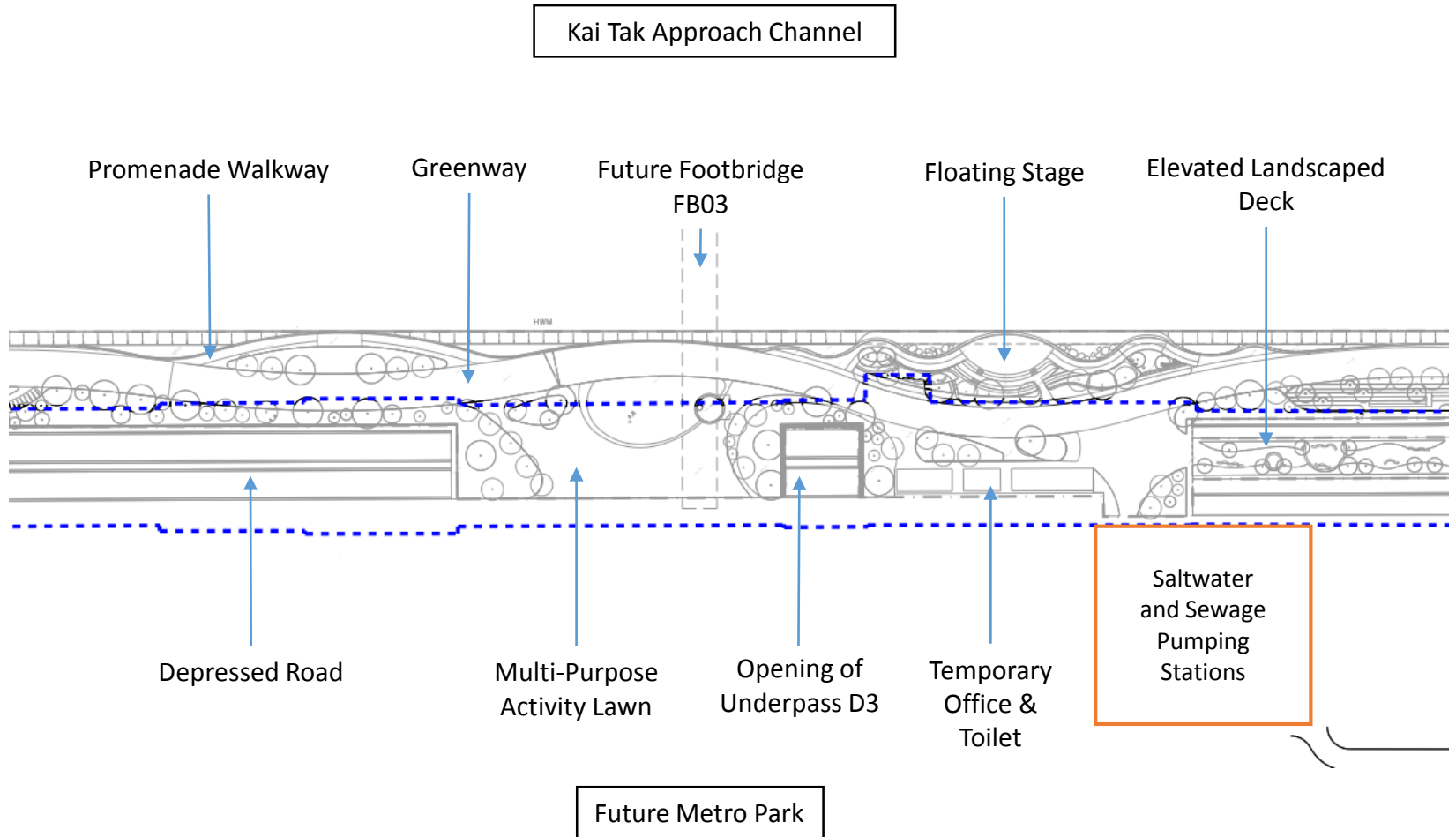


Design Loading and Constraints on Future Development above the Underpass

Promenade – Location Plan

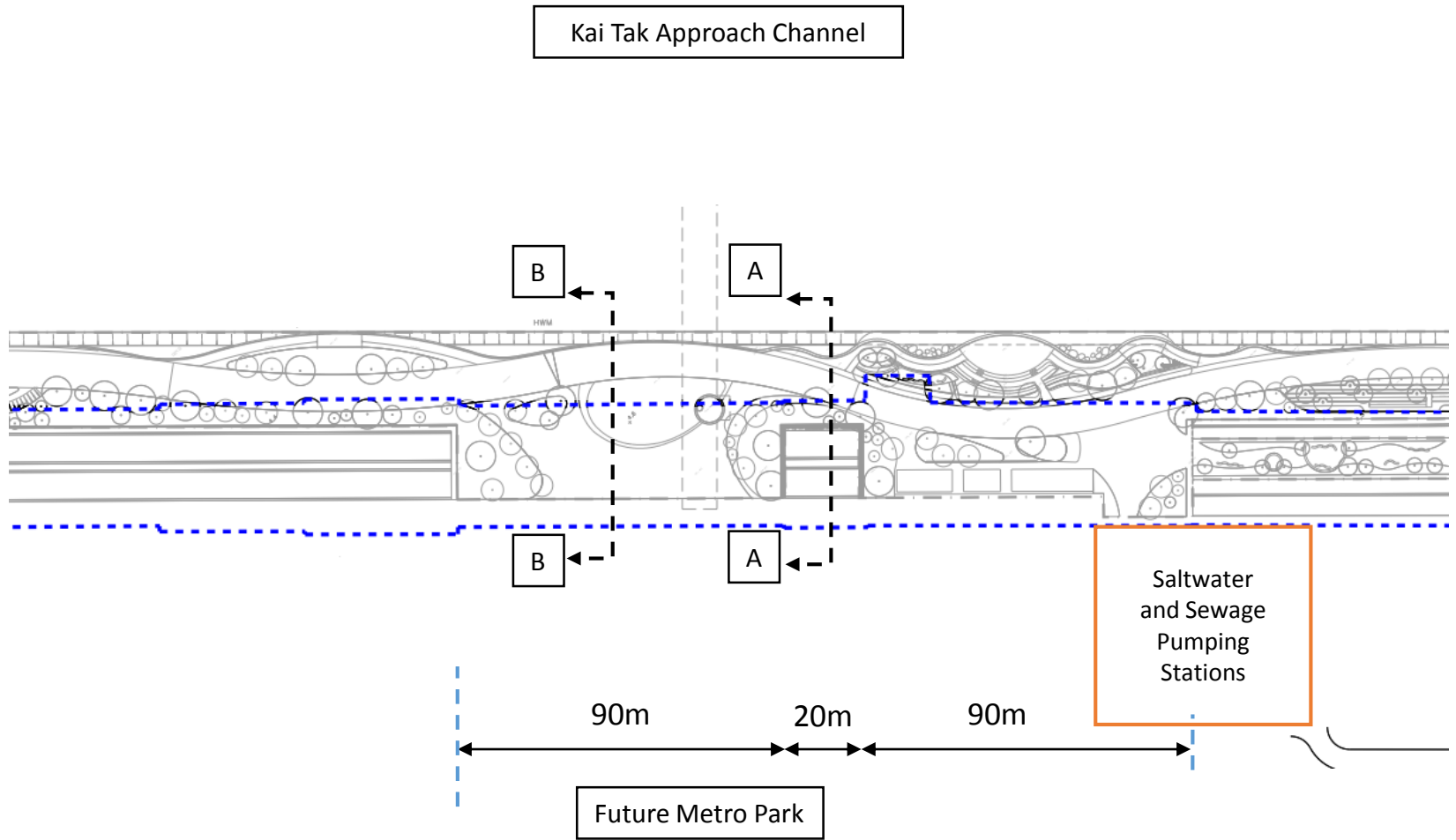


Promenade



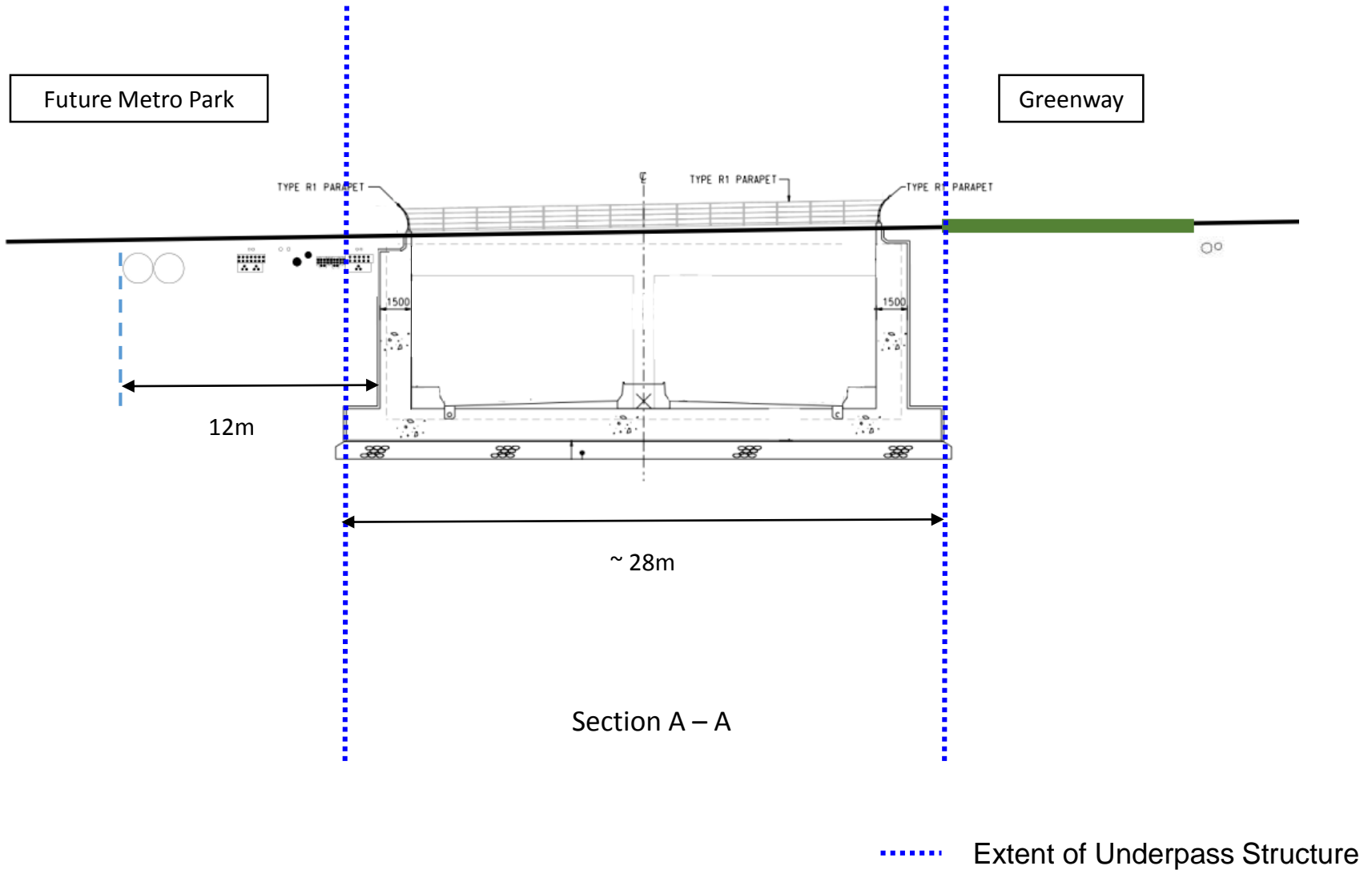
..... Extent of Underpass Structure

Promenade

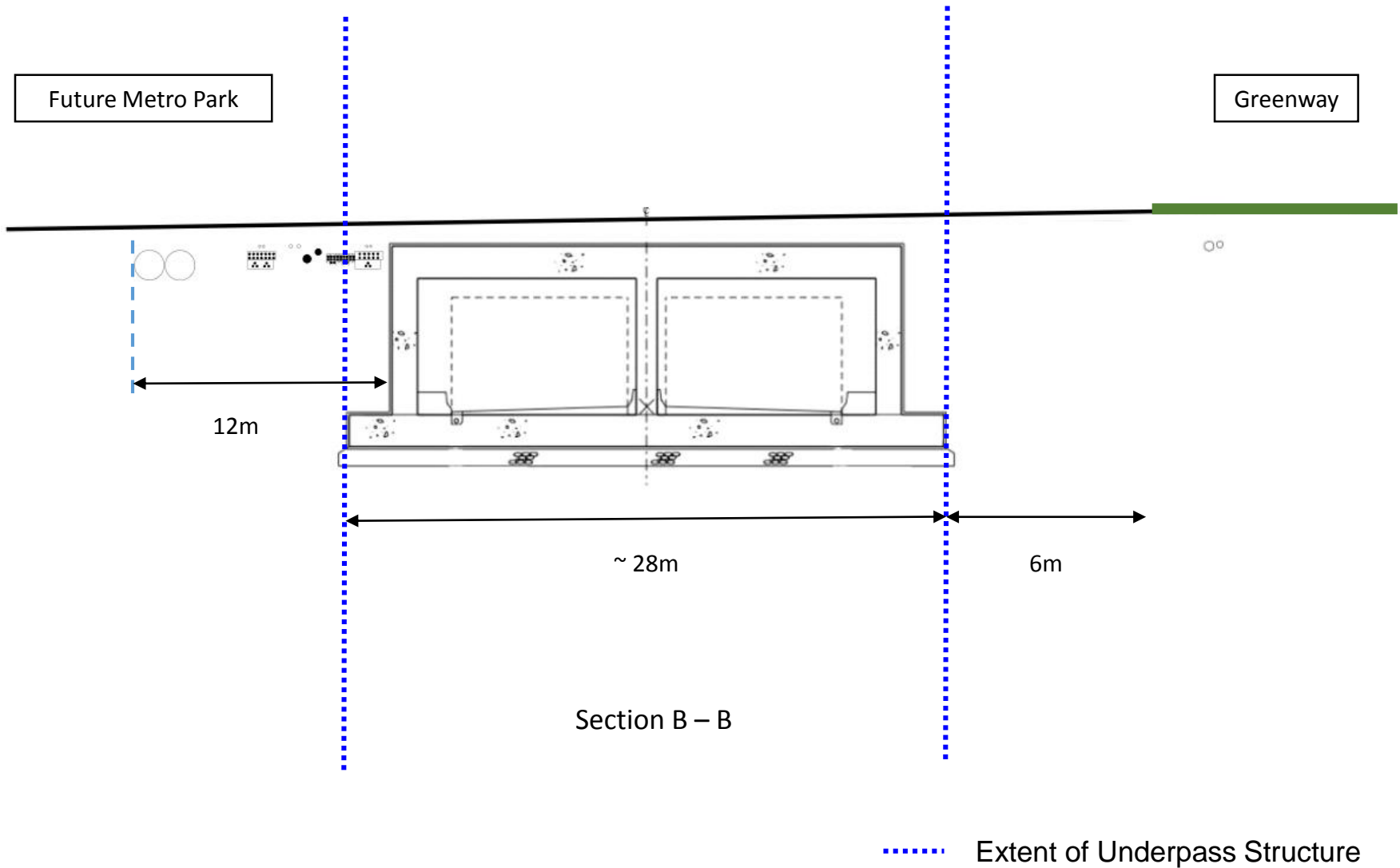


..... Extent of Underpass Structure

Underpass D3 – Section A – A



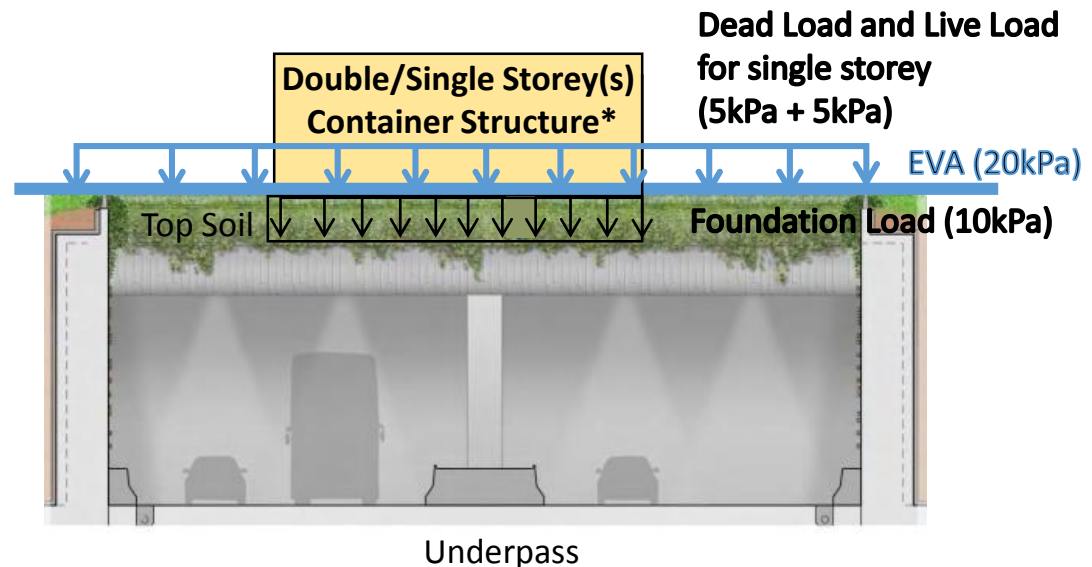
Underpass D3 – Section B – B



Loading Assumptions for Underpass D3

Assumptions made for estimation of the design loadings above the underpass (excluding the loading of top soil):

1. EVA Load: **20kPa**
2. Single Storey Container Structure: **20kPa**
 - a. Foundation Load: **10kPa**
 - b. Dead Load and Finishing of Structure: **5kPa** (the loading of the Container Structure)
 - c. Live Load: **5kPa** (ref. to BD's COP for Dead and Imposed Loads 2011 of the use of floors where people may congregate)



- * Subject to design, a double-storey container structure shall not encroach on the EVA or a minimum of 4.5m vertical clearance shall be allowed by elevating a single storey structure above ground.

Thank you