

4. Project Description and Design Response

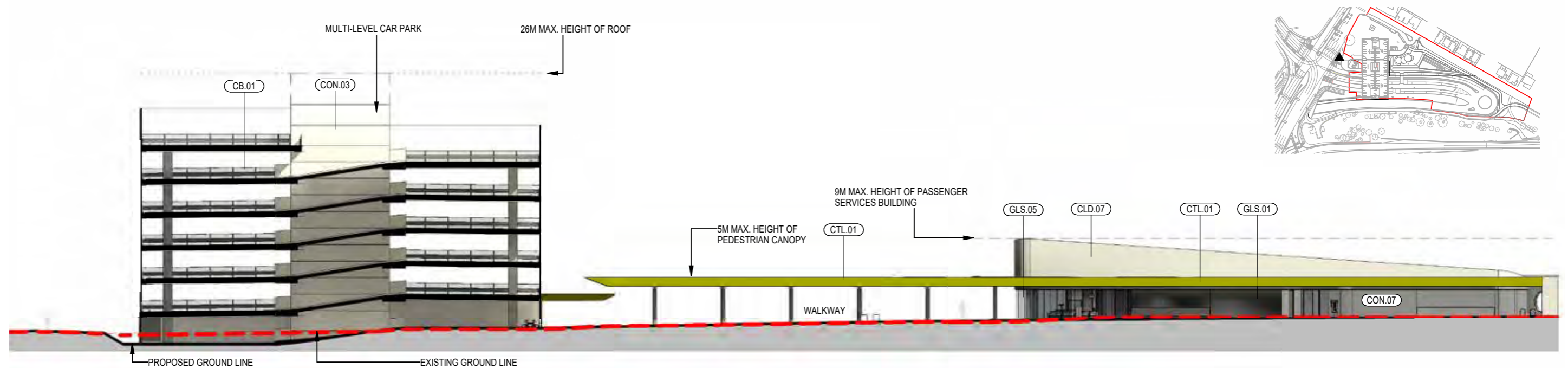


Figure 34: Typical Section – Bus Interchange and Passenger Services Building

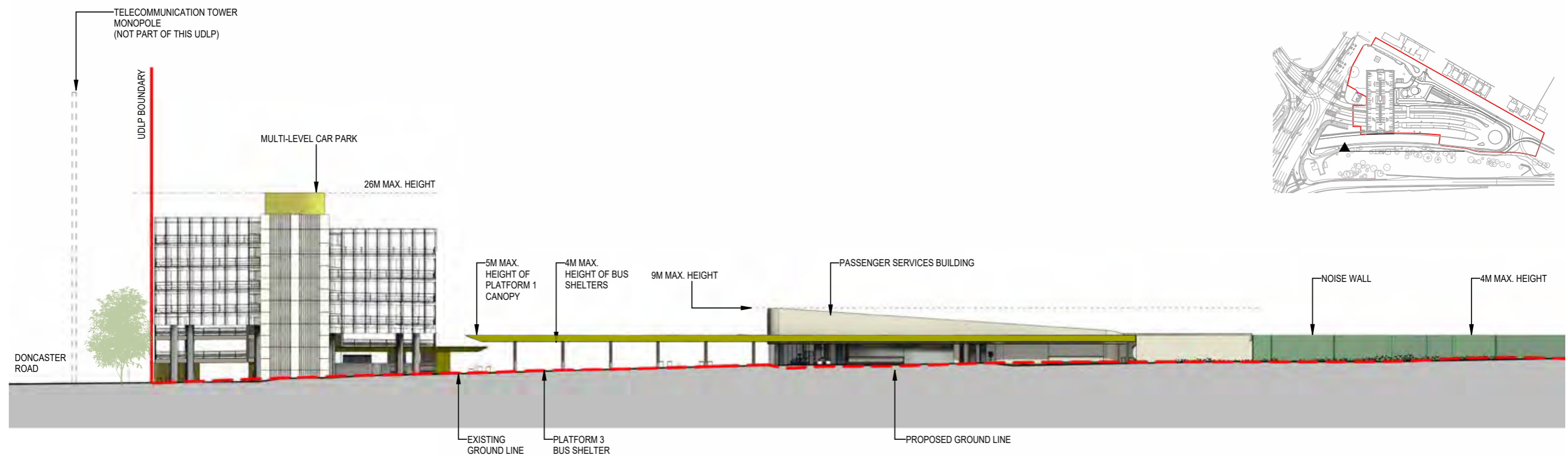


Figure 35: Streetscape Elevation – Bus Interchange

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4.3.2.1 Multi-level Car Park

A six-level car park will be provided as part of the upgrade. It is designed with a primary (longer) façade to Doncaster Road and a secondary (shorter) façade oriented to Hender Street. It comprises:

- 435 car parking spaces, including 14 accessible spaces
- three stairwells
- two public lifts
- 10 spaces for motorcycles.

Two car parking spaces for staff and two car parking spaces for bus drivers are proposed adjacent to the multi-level car park exit.

The layout of the car park is designed to maximise efficiency and number of parking spaces. Spaces are located around the perimeter to maximise the number of the spaces for the floor area while connecting aisles at each end for circulation. All parking spaces are 90 degrees. Pedestrian access between the building and the bus platforms is integrated into the design creating a safe walking environment. Refer to the plans (NEL-STH-NSA-5700-BAR-DRG-U0301 and U0302) in Attachment 1: Architecture and Urban Design for details of the car park layout.

As part of the future proofing design response, conduits are incorporated in the multi-level car park to allow future use of electric vehicle charging; and flexibility is also provided in terms of increasing the number of bicycle parking facilities. All the future-proofing design elements will be explored as part of design development in consultation with relevant stakeholders and ultimate land and asset owner.

Key elevations are provided in Figure 36 to Figure 39.

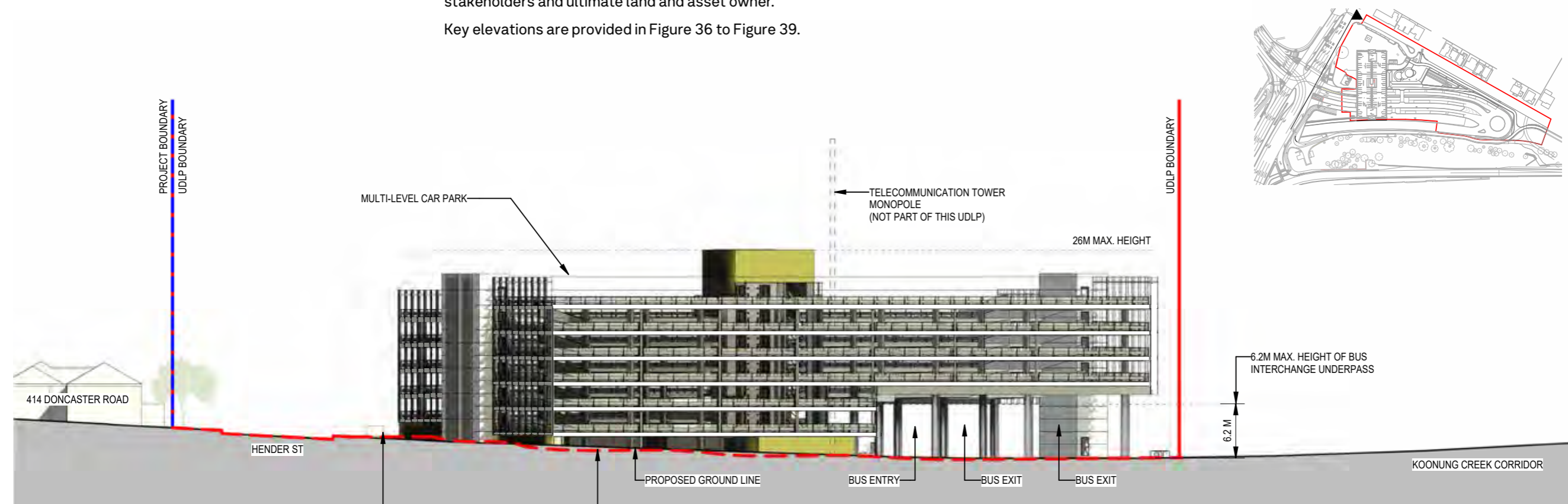


Figure 36: Street Elevation – Doncaster Road

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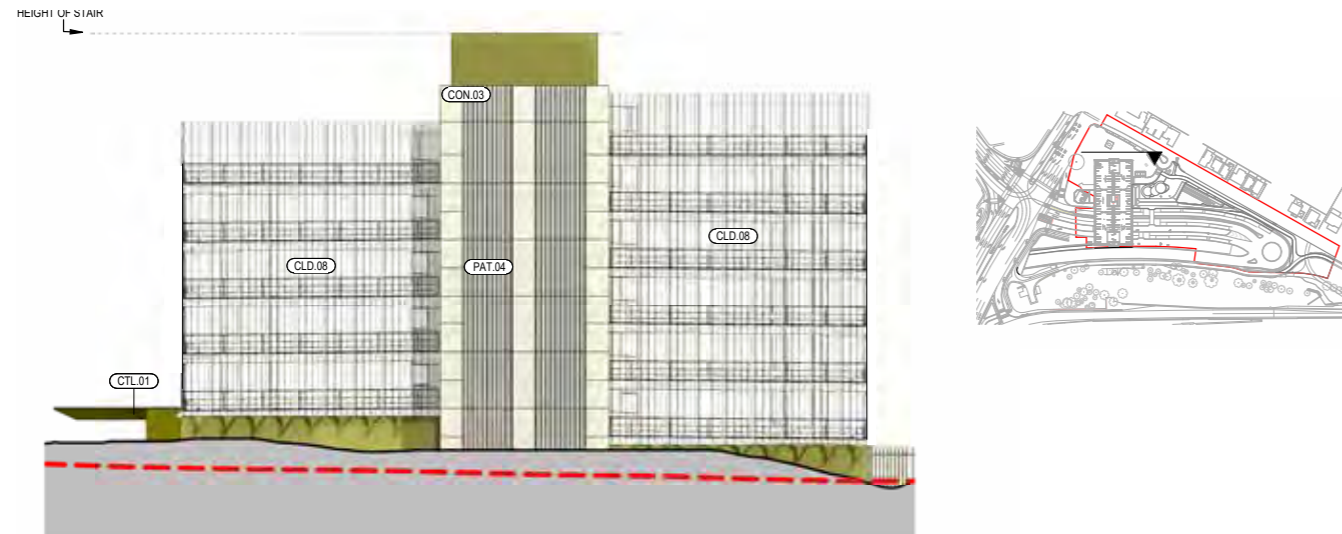


Figure 37: North East Elevation – Multi-level Car Park

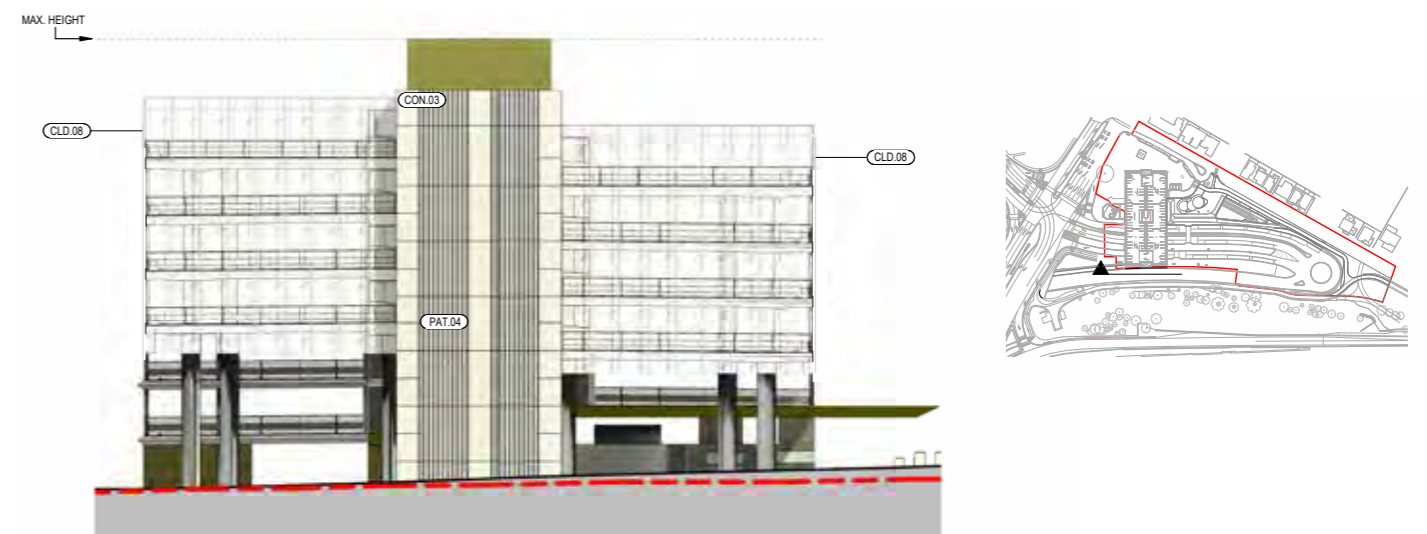


Figure 38: South West Elevation – Multi-level Car Park

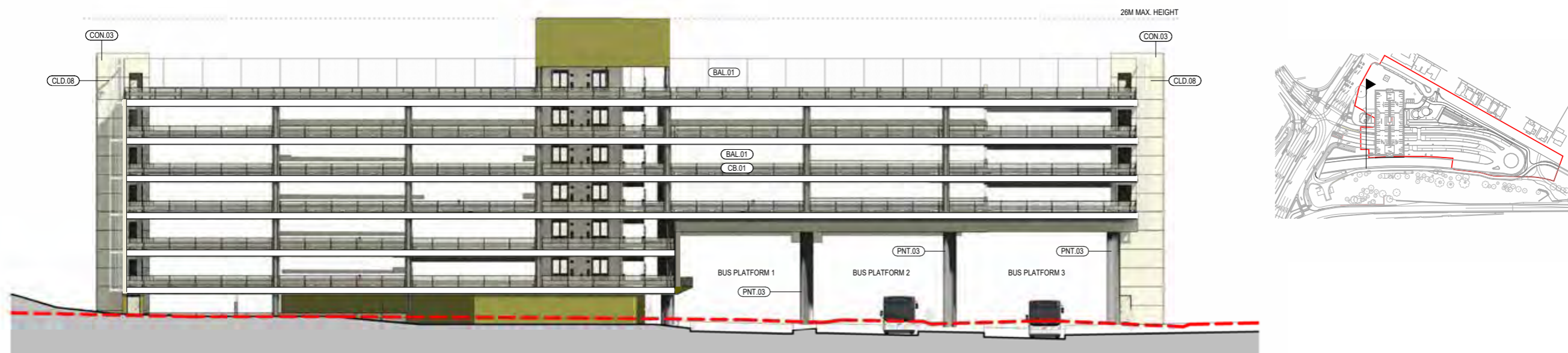


Figure 39: North West Elevation – Multi-level Car Park

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4.3.2.2 Passenger Services Building

The passenger services building provides for indoor amenities and facilities for passengers, cyclists, and staff. Access to the building is provided from the forecourt (accessible from Hender Street) and the bus platforms. Key design features include a waiting lounge room, a Parkiteer storage (containing 26 bicycle spaces), a ticket office, a staff room, and public restrooms.



Figure 40: Site Plan – Passenger Services Building

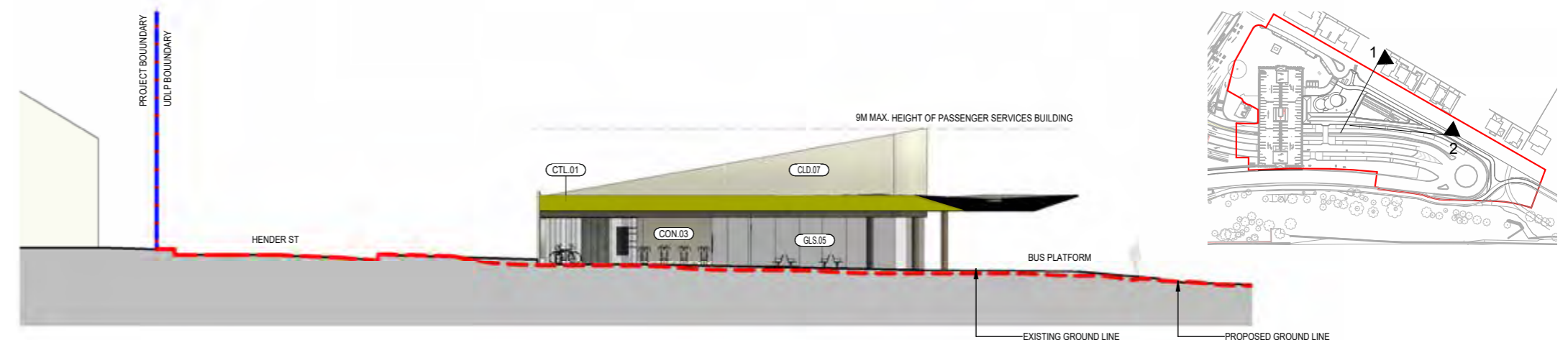


Figure 41: North Elevation – Passenger Services Building



Figure 42: West Elevation – Passenger Services Building