

Chatswood Chase

5-7 Havilah Street

Flood Gate Report

Date
25.05.2023

Title
ASK230525_120

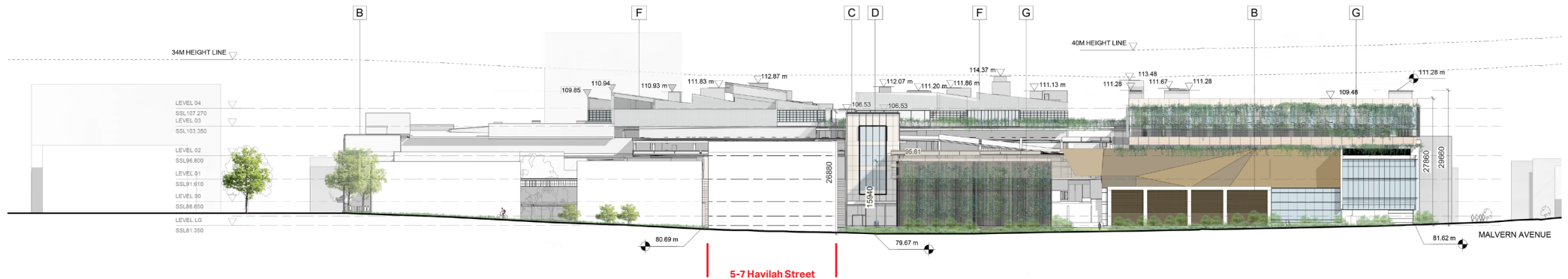


5-7 Havilah Street Flood Gate Overview

As part of the proposed works on the Chatswood Chase development a developed flooding strategy has been considered.

As part of the approach a flood gate is required to be installed on the adjacent property at 5-7 Havilah Street.

This report provides detail of the proposed works for council consideration.



Havilah Street - Elevation of proposed works

5-7 Havilah Street Flood Gate Site review

The gate requiring amendment provides vehicle access to ground level car parking.

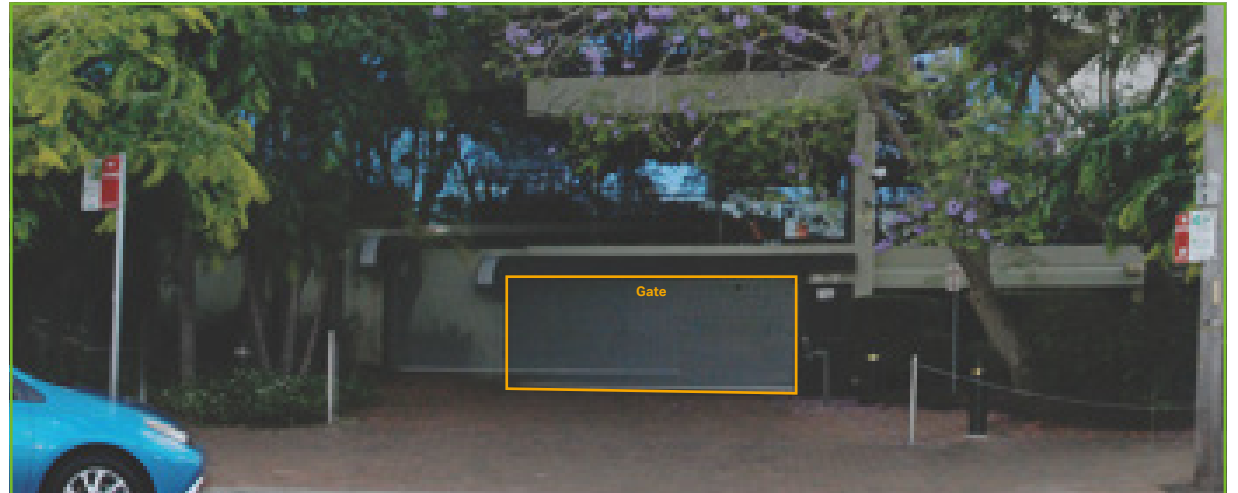
It is located centrally to the property.



Havilah Street - Photographic elevation



5-7 Havilah Street - Photographic elevation

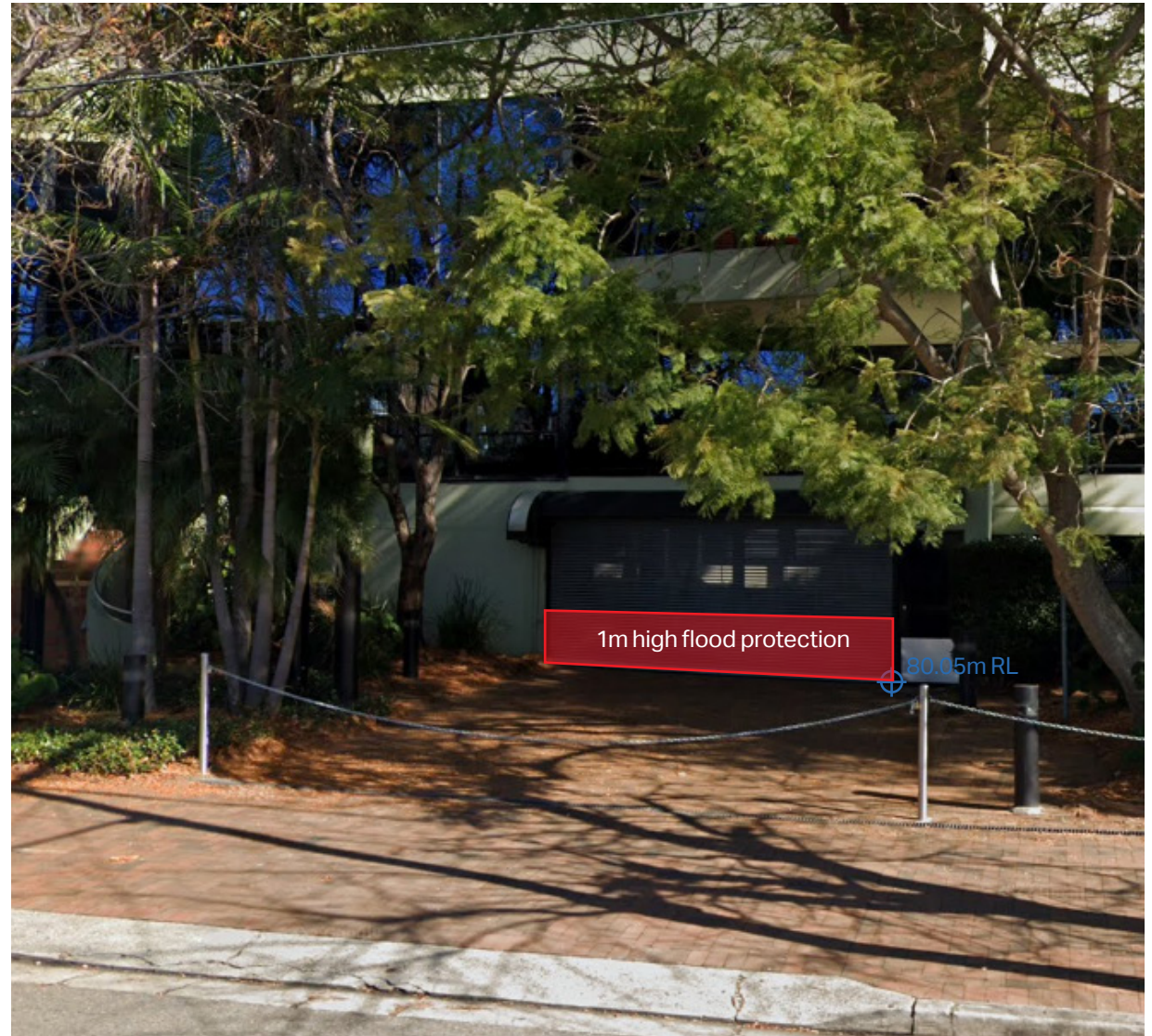


5-7 Havilah Street - Gate location

5-7 Havilah Street Flood Gate Gate requirements

Based on the 80.05m RL at the entrance to 5-7 Havilah St, a 1m high flood barrier is required as part of the broader flood management strategy for the site.

There are various gate solutions that achieve the required outcome. These are reflected on the next page.



5-7 Havilah Street - Gate requirements

5-7 Havilah Street Flood Gate

Gate functionality

The flood gate functionality can be achieved in a number of ways.

Fold up function

Recessed flood gates, recessed into floor finish are raised as required.

Hinged function

Hinged flood gates, close as required.

Pop up function

Pop up flood gates, recessed into floor finish are raised as required.

Sliding function

Sliding flood gates, close as required.

Demountable function

Manually constructed, as required.

