

29 January 2024

Project/File: 301351131

Stephen Edwards Constructions

140 Wicks Rd,
Macquarie Park NSW 2113

Hi Charie,

Reference: Cronulla High School Flood Impact Assessment

The site has been identified in the Woolloomare Bay Catchment Flood Map (2021), as being within 0.1 to 0.2m water depth in the 1% AEP event 2019 AR&R and in the peak flood depth and level contour PMF event 1987 AR&R. These flood extents are located along the first 1000mm of the Captain Cook Drive property boundary. Refer to the below figures.



Figure 1- Woolloomare Bay Catchment Peak Flood Depth and Level Contour 1% AEP Event

As can be seen from the flood mapping, the site is currently subject to flooding in the 1% AEP storm event, with the majority of floodwater affecting the North-western and Southern boundary of the site. Flooding is not observed where the proposed buildings or carparks are to be located as part of the proposed site.

Integrating the flood modelling for the PMF storm event and the proposed development, it can be seen that a small section of proposed works enters into the existing PMF flood extents. This work is largely minor adjustments to existing topography in the range of up to 500mm and in currently battered

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conditions in the road do not have impact on the planning for the school development due to clearance above PMF level and low hazard flood classification for egress for vehicles in the 1% AEP storm.

Regards,

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Attachment: [Attachment]