

22 March 2024

RE: Driveway Design

Dear Sir/Madam,

Regarding Councils Request for Information dated 21 March 2024, our consultancy has addressed the following items;

Detailed plan and section drawings of the proposed driveway crossing onto Anzac Avenue to demonstrate compliance with AS 2890.1 including a vertical clearance assessment for vehicles. The plan and section also need to demonstrate if any longitudinal and cross-sectional regrading is required along Council's verge, to allow for the proposed driveway

The proposed driveway plan and section drawings have been provided on sheet D12 "DRIVEWAY SECTION" of E230197 37-43 Hay Street, Collaroy ISSUE F. A vertical clearance assessment has been modelled and indicates that the minimum clearance achieved is 2,425mm which achieves the AS 2890.1 height clearance. Additionally, the proposed driveway plan includes existing and proposed spot levels and grades, revealing an elevation increase of 10-200mm within the council's verge. Consequently, the grade of the western footpath has risen to 9.4%, while the eastern footpath now stands at 6.8%. The reconstruction of 2.5-5m of the council's footpath will be required to ensure a smooth transition between existing footpath levels and the proposed driveway.

I trust this is sufficient information to proceed with the Stormwater engineering assessment.

If you have further questions, please do not hesitate to contact the undersigned.

Full Name of Designer: Nader Zaki
Qualifications: **BE(Civil) MIEAust CPEng NER**
Name of Employer: NY CIVIL ENGINEERING PTY LTD
Signature:

