



17 September 2024

Attention: Chris Vitale
Vitale Property Group Pty Ltd
Suite 1, 10/458 Brunswick Street
FORTITUDE VALLEY QLD 4006

Dear Chris,

**Re: 29 SHIRLEY ST, STRUCTURAL LETTER
25799.002 / S L001, GOLD COAST**

In our professional opinion, the retention and dewatering system on the site can be constructed in a manner to control the risks of impact/effect on the neighbouring properties and infrastructure adjacent the development site. This can be achieved through the following but not limited to:

- Detailed analysis conducted by the Certifying Structural and Geotechnical Engineers to ensure deflections of the retention system are within acceptable limits to minimise the settlement of the subgrade adjacent the retention structure. If required, the use of internal bracing could be implemented to minimise the deflections if deflections in a cantilevered shoring system are of concern.
- The retention system is constructed using low impact/vibration methods.
- Detailed analysis conducted by the Certifying Geotechnical Engineer to ensure excessive consolidation is not experienced as a result of the dewatering and construction vibration on the development site and/or adjacent the site.

This letter has been provided by ADG based on the following conditions and limitations:

- 1) ADG are the project Structural and Civil engineers for the development at 29 Shirley St. This letter is only in relation to the project site and not applicable to other sites.
- 2) ADG are not designing or certifying the retention system. A specialist Shoring Contractor will be responsible for engaging their own Structural and Geotechnical Engineer with the appropriate NSW Design Practitioners qualifications.
- 3) The Shoring Contractor as part of their certification should report the anticipated settlements adjacent the retention system on each boundary of the site.
- 4) The Builder/Shoring Contractor will be responsible for ensuring the appropriate monitoring equipment as required, is used for the duration of construction.

Kind regards,

CAMERON RUMBALL

ASSOCIATE ENGINEER - STRUCTURAL

ADG ENGINEERS (AUST) PTY LTD

NSW REGISTRATION: DEP0004020

