

Ref: PG-3614-A, 2022-12-19, LTR (LOT 4) VER 1  
Author: Ben Elsmore

19<sup>th</sup> December, 2022

CCA Winslow  
Level 1, 85 Brandl Street  
Eight Mile Plains QLD 4113

**CERTIFICATION OF LOT FILLING – LOT 4  
THE ARBOUR DEVELOPMENT, COWELL DRIVE, BURLEIGH HEADS**

Pacific Geotech were commissioned by CCA Winslow (the Client) to undertake Level One earthworks inspection and testing in accordance with AS 3798-2007 “Guidelines on Earthworks for Commercial and Residential Development” for the proposed “The Arbour” residential development at Cowell Drive, Burleigh Heads.

Fill was placed on the above Lot as part of the bulk earthworks program which was undertaken between May, 2021 and December, 2022. This letter should be read in conjunction with the Level One report prepared for the site (Report Reference: PG-3614-A, 2022-11-06, LVR VER 1).

Based on the site inspection and results of field and laboratory testing, Pacific Geotech confirms that a minimum density ratio of 95% has been achieved in the structural fill which is compliant with the requirements of Table 5.1 of AS 3798-2007 and the project specification.

The fill areas are defined on the Peak Urban Project Drawing 20-0028-103-B “Bulk Earthworks Layout Plan Sheet 2 of 4”. A copy of this layout plan is attached to this report.

This letter specifically addresses the compaction of the fill material placed on the Lot only in accordance with AS 3798-2007 and specifically excludes any other geotechnical considerations associated with residential construction.

A Lot specific geotechnical investigation for the proposed future residence should be carried out by a suitably qualified geotechnical consultant prior to construction. Pacific Geotech can provide this service, if required.





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Should you require clarification on any aspect of the above, please do not hesitate to contact our office.

Yours faithfully,

**B. ELSMORE (RPEQ 19656)**

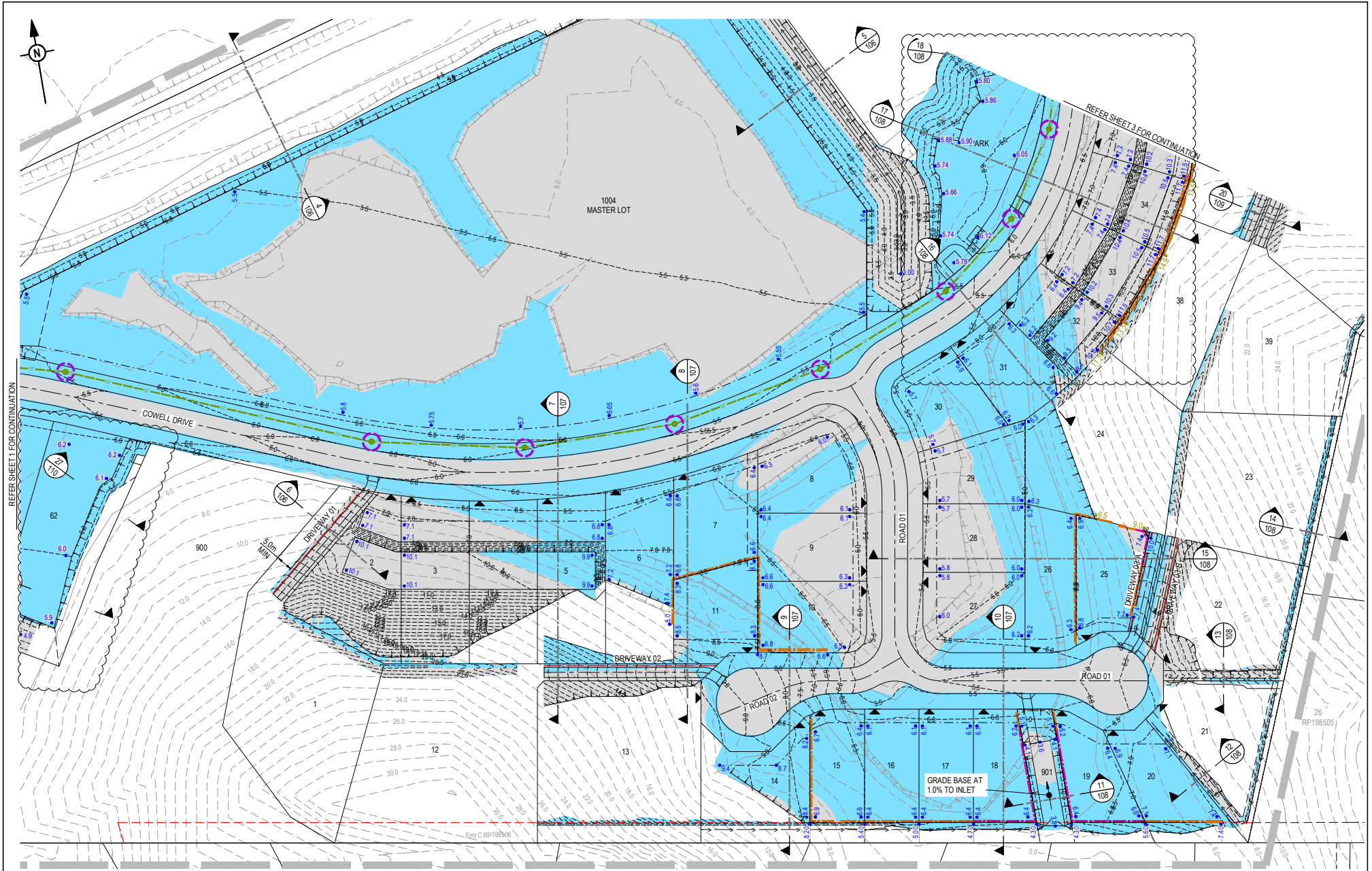
For and on behalf of  
**PACIFIC GEOTECH PTY LTD**

Encl. Earthworks Layout Plan



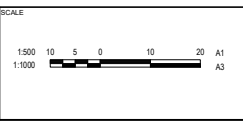
[info@pacgeo.com.au](mailto:info@pacgeo.com.au)  
[www.pacgeo.com.au](http://www.pacgeo.com.au)





REV	DATE	DESIGN	DRAWN	REVISION DETAILS
A	10/06/21	MH	TR	ISSUED FOR CONSTRUCTION
B	23/09/21	TR	NS	LOT 1003 & PARK ADDED

**ISSUED FOR CONSTRUCTION**  
 DRAWN: TR  
 STATUS: **ISSUED FOR CONSTRUCTION**  
 DESIGN: DAN COLLINS  
 APPROVED: DAN COLLINS  
 RPEQ 18631  
 FOR AND ON BEHALF OF PEAKURBAN PTY LTD



CLIENT: **BURLEIGH HEADS ESTATE PTY LTD**  
 ASSOCIATED CONSULTANT: SURVEYOR: GASSMAN DEVELOPMENT PERSPECTIVES

PROJECT NAME: **THE ARBOUR**  
 COWELL DRIVE  
 BURLEIGH HEADS

DRAWING TITLE		
<b>BULK EARTHWORKS LAYOUT PLAN SHEET 2 OF 4</b>		
PROJECT No:	DRAWING No:	REVISION
20-0028	103	B