

## Field Density Test Results AS1289.5.7.1

<b>Client:</b>	Bild Group	<b>Job No:</b>	BTU2343
<b>Project:</b>	Ellerton Estate - Stage 1 (Level 1)	<b>Report:</b>	10
<b>Location:</b>	Melton South		

Sample No	28	29	30			
Date Tested	18/04/2023	18/04/2023	18/04/2023			
Time Tested	PM	PM	PM			

Test Location	Refer to Plan	Refer to Plan	Refer to Plan			
Level/Layer	FSL	FSL	FSL			
Layer Thickness	mm 200	mm 200	mm 200			
Test Depth	mm 175	mm 175	mm 175			
Field Wet Density	t/m <sup>3</sup> 1.89	t/m <sup>3</sup> 1.97	t/m <sup>3</sup> 1.92			
Field Moisture Content	% 26.2	% 24.4	% 25.1			
Material:	Site Derived Clay	Site Derived Clay	Site Derived Clay			

Oversize Material	WET, %	0.0	0.0	0.0		
Sieve Size	mm	19	19	19		
Peak Converted Wet Density	t/m <sup>3</sup>	1.92	2.00	1.95		
Optimum Moisture Content	%	27	25	25.5		

<b>Moisture Ratio</b>	%	97	97.5	98.5		
<b>Moisture Variation from OMC</b>	%	-0.5	-0.5	-0.5		
<b>Density Ratio</b>	%	98.5	98.5	98.5		

<b>Specification:</b>	98% STD	<b>Test Selection:</b>	N/A
<b>Notes:</b>	Ref : 1120 0347-1 (SI10)		
<b>Test Method</b>	AS1289 5.8.1, 5.7.1, 2.1.1, 1.1	<b>Sampling Method:</b>	AS 1289 1.2.1 6.4(b)



NATA Accredited Laboratory No. 20172  
Accreditation for compliance with ISO/IEC 17025 - Testing

Approved Signatory:

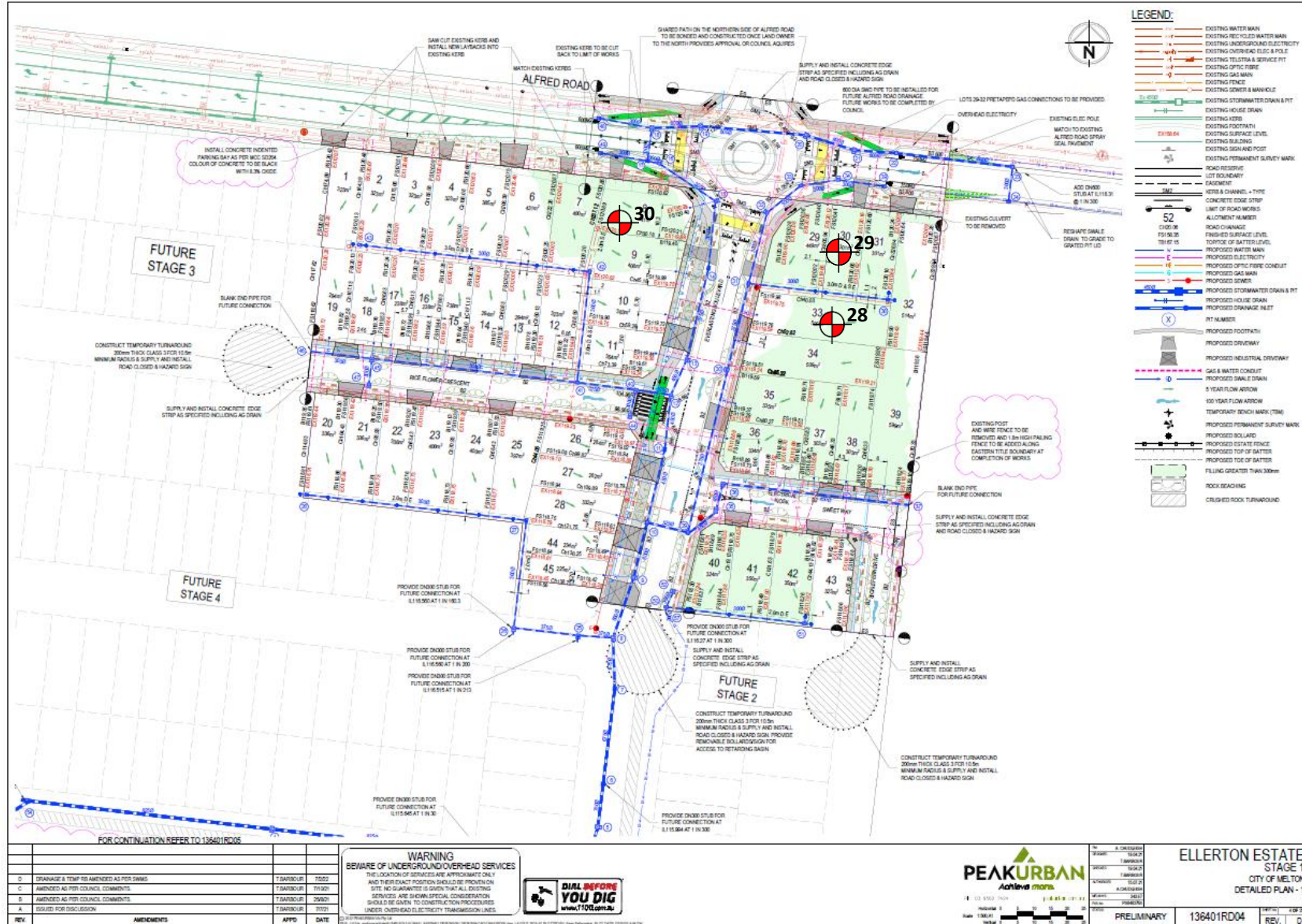


David Burns

Date: 04/05/2023



Test Location



**PROJECT:**  
Ellerton Estate – Stage 1 (Level 1)

**LOCATION:**  
Melton South

**CLIENT:**  
Bild Group

**PROJECT No:**  
1120 0347-1 (S110)

**DATE:**  
18/04/2023

**SITE PLAN SKETCH—NOT TO SCALE**

