

Field Density Test Results AS1289.5.7.1

Client:	Bild Group	Job No:	BTU2343
Project:	Ellerton Estate - Stage 1 (Level 1)	Report:	12
Location:	Melton South		



Sample No	36	37	38	39	40	41
Date Tested	19/04/2023	19/04/2023	19/04/2023	19/04/2023	19/04/2023	19/04/2023
Time Tested	AM	AM	AM	PM	PM	PM

Test Location	Refer to Plan	Refer to Plan	Refer to Plan	Refer to Plan	Refer to Plan	Refer to Plan
Level/Layer	1	2	3	4	5	FSL
Layer Thickness	mm 200	200	200	200	200	200
Test Depth	mm 175	175	175	175	175	175
Field Wet Density	t/m ³ 1.95	1.96	1.89	1.83	1.90	1.96
Field Moisture Content	% 23.2	23.2	26.1	26.8	25.5	21.9
Material:	Site Derived Clay	Site Derived Clay	Site Derived Clay	Site Derived Clay	Site Derived Clay	Site Derived Clay

Oversize Material	WET, % 0.0	0.0	0.0	0.0	0.0	0.0
Sieve Size	mm 19	19	19	19	19	19
Peak Converted Wet Density	t/m ³ 1.98	1.99	1.91	1.86	1.93	2.00
Optimum Moisture Content	% 24	24	26.5	27.5	26	22.5

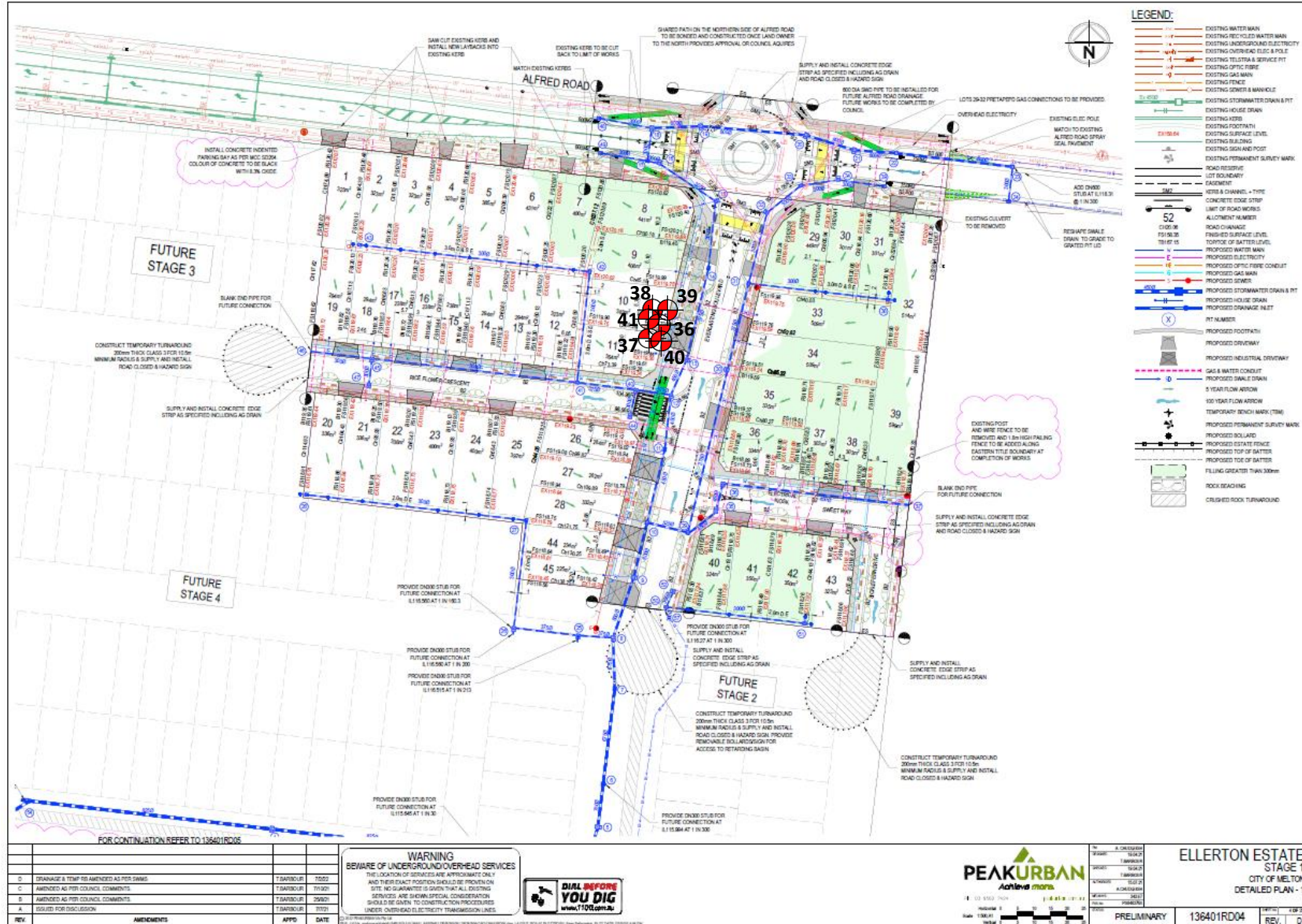
Moisture Ratio	%	96.5	96.5	98.5	97.5	98	97.5
Moisture Variation from OMC	%	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5
Density Ratio	%	98.5	98.5	98.5	98.5	98.5	98.5

Specification:	98% STD	Test Selection:	N/A
Notes:	Ref : 1120 0347-1 (SI12)		
Test Method	AS1289 5.8.1, 5.7.1, 2.1.1, 1.1	Sampling Method:	AS 1289 1.2.1 6.4(b)

 <p>NATA WORLD RECOGNISED ACCREDITATION</p>	<p>NATA Accredited Laboratory No. 20172 Accreditation for compliance with ISO/IEC 17025 - Testing</p>	<p>Approved Signatory: </p> <p>David Burns Date: 04/05/2023</p>
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Test Location



PROJECT:
Ellerton Estate – Stage 1 (Level 1)

CLIENT:
Bild Group

DATE:
19/04/2023

LOCATION:
Melton South

PROJECT No:
1120 0347-1 (S112)

SITE PLAN SKETCH—NOT TO SCALE

