



Field Density Test Results AS1289.5.7.1

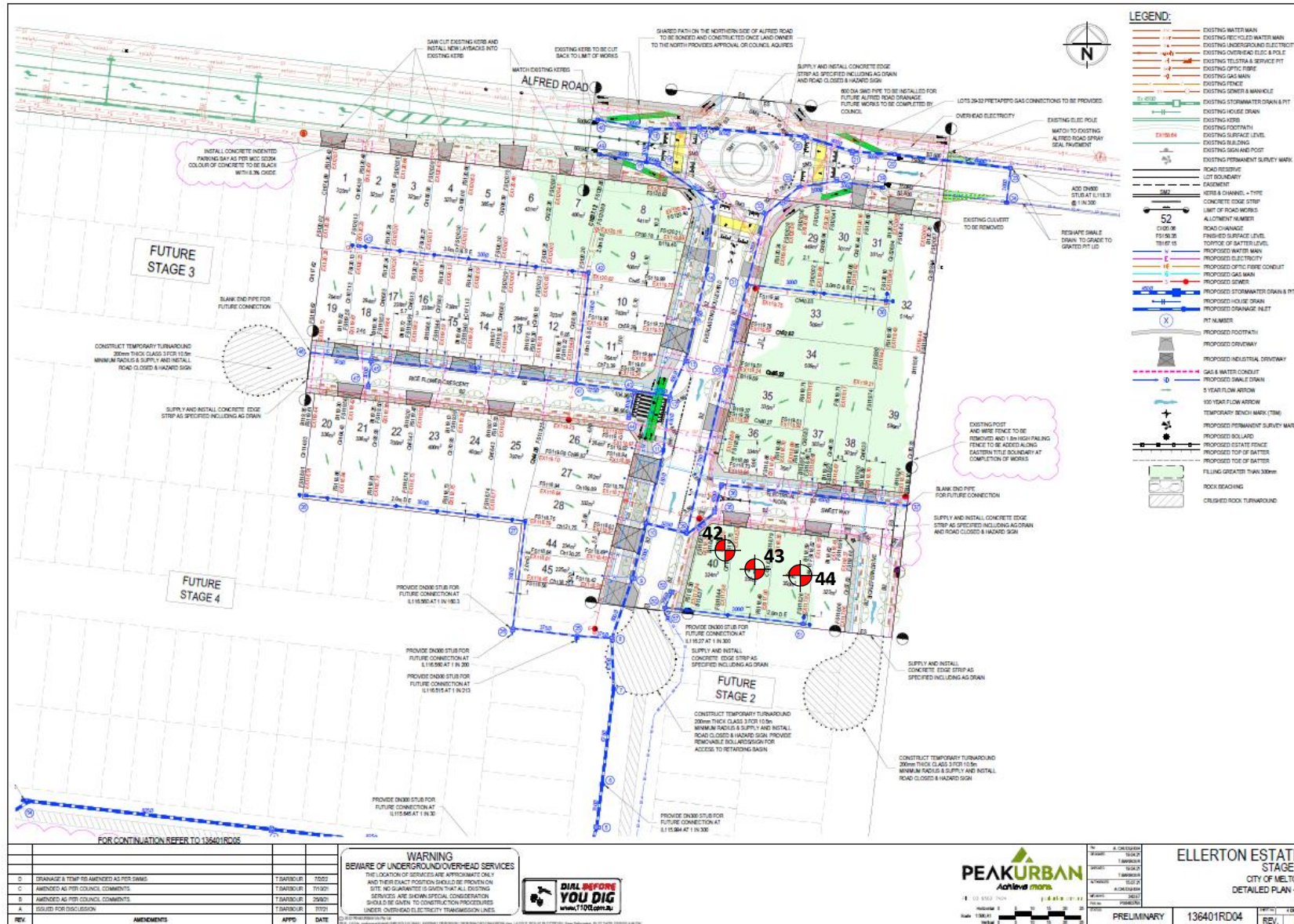
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|--|-------------------------------------|-----------------------------------|-----------------------------------|
| Client: | Bild Group | Job No: | BTU2343 |
| Project: | Ellerton Estate - Stage 1 (Level 1) | Report: | 13 |
| Location: | Melton South | | |
| Sample No | 42 | 43 | 44 |
| Date Tested | 20/04/2023 | 20/04/2023 | 20/04/2023 |
| Time Tested | PM | PM | PM |
| Test Location | Refer to Plan Re-Test #7 | Refer to Plan Re-Test #8 | Refer to Plan Re-Test #9 |
| Level/Layer | 2 | 2 | 2 |
| Layer Thickness | mm 200 | mm 200 | mm 200 |
| Test Depth | mm 175 | mm 175 | mm 175 |
| Field Wet Density | t/m ³ 1.86 | t/m ³ 1.80 | t/m ³ 1.82 |
| Field Moisture Content | % 25.1 | % 26.5 | % 25.6 |
| Material: | Site Derived Clay | Site Derived Clay | Site Derived Clay |
| Oversize Material | WET, % 0.0 | WET, % 0.0 | WET, % 0.0 |
| Sieve Size | mm 19 | mm 19 | mm 19 |
| Peak Converted Wet Density | t/m ³ 1.89 | t/m ³ 1.83 | t/m ³ 1.85 |
| Optimum Moisture Content | % 25.5 | % 27.5 | % 26 |
| Moisture Ratio | % 98.5 | % 96.5 | % 98.5 |
| Moisture Variation from OMC | % -0.5 Drier | % -1.0 Drier | % -0.5 Drier |
| Density Ratio | % 98.5 | % 98.5 | % 98.5 |

| | | | |
|-----------------------|---------------------------------|-------------------------|----------------------|
| Specification: | 98% STD | Test Selection: | N/A |
| Notes: | Ref : 1120 0347-1 (SI13) | | |
| Test Method | AS1289 5.8.1, 5.7.1, 2.1.1, 1.1 | Sampling Method: | AS 1289 1.2.1 6.4(b) |

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|  NATA <small>WORLD RECOGNISED ACCREDITATION</small> | <p>NATA Accredited Laboratory No. 20172</p> <p>Accreditation for compliance with ISO/IEC 17025 - Testing</p> | <p>Approved Signatory:</p>  | <p>David Burns</p> <p>Date: 31/05/2023</p> |
|---|--|--|--|



Test Location



PROJECT:
Ellerton Estate – Stage 1 (Level 1)

CLIENT:
Bild Group

DATE:
20/04/2023

LOCATION:
Melton South

PROJECT No.:
1120 0347-1 (SI13)

SITE PLAN SKETCH—NOT TO SCALE

