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LEVEL ONE COMPLIANCE REPORT

Woodlinks Stage 20

PREPARED BY:
PROTEST ENGINEERING

PREPARED FOR:
SHADFORTH CIVIL

PTP/12297 - Rev0| 2 November 2023

admin@protestengineering.com www.protestengineering.com

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Shadforth Civil
99 Sandalwood Lane, Forest Glen
QLD 4556

Project Number: PTP/ 12297
Letter Number: 0002 – Rev0
Project Name: Woodlinks Stage 20

Attention: Cameron Morison
Email: Cameron.Morison@shadcivil.com.au

Report on Level 1 Earthworks
Proposed Residential Development.
Collingwood Drive, Collingwood

1. Introduction

This report summarises the results of inspection and testing provided by Protest Engineering (Protest) for the bulk earthworks as part of the Woodlinks Stage 20 project undertaken between June and September 2023. The works were undertaken at the request of Shadforth Civil (the client).

The scope of inspection and testing undertaken was in general accordance with AS3798-2007 *Guidelines on Earthworks for Commercial and Residential Developments.* As part of the inspection and testing undertaken, Protest provided Level 1 supervision in accordance with Section 8.2 of AS3798-2007. Figure 1 indicates the approximate extent of Level 1 works carried out.

Figure 1: Approximate Extent of Level 1 Works (Image from Nearmap ©)

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Approximately 70,000 m^3 of fill was placed on site. Colliers Drawing No. 20-0240-5102-Rev2 – *Bulk Earthworks Layout Plan* attached is the bulk earthworks layout plan. The frequency of field density testing adopted for this project was based on AS3798-2007, Table 8.1 with a minimum of one test per 500 m^3 placed for a *Type 1 – Large Scale Operation*.

Based on the information provided within the Colliers Bulk Earthworks Notes, the minimum relative compaction requirements were specified, and a summary of the criteria is summarised in Table 1.

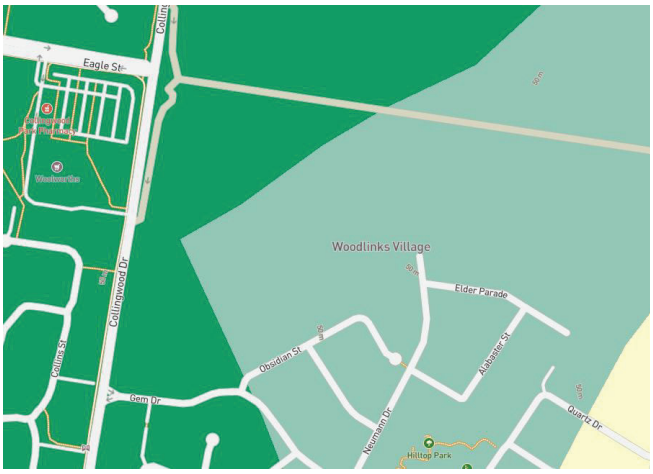
Table 1: Test Request Compaction and Moisture Content Specification

Fill Types	Minimum Dry Density Ratio (%)
Residential	>95%

2. Geology

Review of the Queensland Government's Geotechnical Database indicates that the site is underlain by the Raceview Formation, comprising of; sublabile to quartzose sandstone, shale, mudstone, thin coal seams and siltstone.

Figure 2: Based on the information provided by qgd.org.au



3. Earthworks Activities

Foundation preparation observed by Protest comprised the removal of topsoil and unsuitable materials across the fill area exposing the underlying natural materials. A test roll was performed on the natural soils using a pad foot roller and no noticeable movement was observed on the final pass.

FILL operations comprised the placement and compaction of material obtained from an Onsite source which was typically Sandy Clay. Materials were placed onsite in uniform layers not exceeding 300 mm.

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The material used as fill was moisture conditioned at the fill source and during placement and blended to achieve suitable moisture content for compaction.

The following heavy plant were used throughout the bulk earthworks component:

1. Excavator
2. Padfoot Roller
3. Articulated Dump Trucks
4. Dozer
5. Compactor
6. Scrapers

A total of one-hundred and forty-three (143) field density ratio tests were undertaken at select locations during the filling operations. Field density testing was carried out using a nuclear gauge and in accordance with the test method outlined in AS1289.5.8.1. The relative compaction was then determined by comparing the recorded field density with the laboratory maximum dry density (standard compaction) outlined in test method AS1289.5.7.1.

A summary of the test results is presented in Table 2 with the reports attached and the approximate test locations shown in the Attachments.

Table 2. Summary of Density Testing

Item	Compaction	Moisture Variation
No. of tests	143	143
Mean	98.6	2.7%(Dry of OMC[(1)])

(Notes: [(1)] Optimum Moisture Content)

4. Compliance

Based on our assessments, it is our opinion that the earthworks placed and compacted at Woodlinks Stage 20 by Shadforth Civil between June and September 2023 comply with the above-mentioned specifications and can be considered as Level 1 '*controlled*' or structural fill as per AS2870-2011.

5. Comments

Based on the results of the inspections and field density testing whilst Protest was on-site, it is considered that the bulk earthworks at Woodlinks Village Stage 20 between June and September 2023 have been undertaken in general accordance with AS3798-2007 *Guidelines on Earthworks for Commercial and Residential Developments*. Protest believes consideration should be given to the following:

1. This report only certifies the bulk earthworks activities supervised by Protest between June and September 2023. Protest does not take responsibility for any other bulk earthworks activities that have occurred before or after these dates.

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2. The installation of services or any activities that may cause disruption of the compacted filling.

3. The suitability of the filled land to support the proposed structures; and

4. Any variation in filling depth of extent of areas that is not noted within this report or on the individual test report sheets.

6. Constraints

1. Protest has prepared this report for the bulk earthworks at Woodlinks Stage 20. This report was produced for the sole use of Shadforth Civil. It should not be used by or depended upon for other projects or purposes on the same or other site or by a third party. In the preparation of this report Protest has relied upon information provided by the client and/or their agents.

2. Assessments of material quality such as soaked CBR and site classifications are excluded from this commission.

3. This report is not to be relied upon for settlement analysis and soft soils engineering advice. This is beyond the scope of this report and outside our engagement.

4. Our on-site attendance specifically excludes assessments of fill material quality and engineering properties that are outside the requirements of AS3798 - 2007, including soil or fill reactivity and soaked CBR values. We note that the fill materials used may result in unfavourable site classifications and low subgrade design strengths.

5. The results provided in this report are indicative of the subsurface conditions on the site only at the specific sampling or testing locations, and then only to the depths investigated along with the time the work was carried out. It is known that subsurface conditions can suddenly change due to irregular geological processes and as a result of human influences. Such changes may occur after Protest field testing has been completed.

6. Certain ground conditions and the materials behaviour observed or contained at the test locations may alter from those which may be encountered elsewhere on the site. Should variations in subsurface conditions be encountered, then additional advice should be sought from Protest and, if required, amendments made.

7. Protest cannot be held responsible for interpretations or conclusions made by others unless they are supported by an expressed statement, interpretation, outcome or conclusion given in this report.

8. Footings and ground slabs for any structures constructed over natural soils or controlled fill should be designed to accommodate the characteristic ground surface movements and settlement potential. Assessments of these design parameters are beyond the scope of this Report.

The following should also be considered:

   a. This report is not a SITE CLASS REPORT as per AS2870-2011 and not a Geotechnical Site Investigation report as per AS1726-2017.

   b. The shrink/swell movements which can occur in the residual silty clays due to weather related natural moisture changes by the reduction in surface evaporation subsequent to covering the site with buildings and pavements. As outlined in AS2870-2011 (“Residential Slabs and Footings – Constructions”).

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c. It should be noted that there is a possibility that compaction levels may have increased during placement of subsequent layers especially when there have been fully laden earthmoving equipment frequently travel across the fill areas exerting high traffic loads.

d. All compacted filling is subject to decompaction phenomenon.

We trust that the above information is suitable for your present requirements. Should you have any queries, please do not hesitate to contact the undersigned.

Regards,

Written By:

Gary Taylor
Senior Technician
p | 0411 604 781
e | gary.taylor@protestengineering.com

Reviewed By:

James Tayler RPEQ1407
Checking Engineer
p | 0407769794
e | jtayler@bigpond.net.au

Attachments:
1. Site Images.
2. Site Plan & Test Locations.
3. Density Reports.

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Attachment 1

Site Images

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Site Image 1 – Filling Operations in Progress

Site Image 2 – Filling Operations in Progress

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Attachment 2

Site Plan & Test Locations

LEGEND

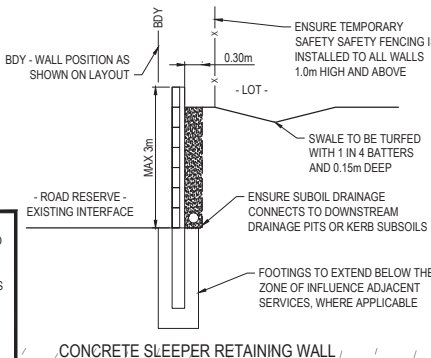
- PROPOSED AREA OF WORKS/STAGE BOUNDARY
- PROPOSED SURFACE CONTOUR
- EXISTING SURFACE CONTOUR
- PROPOSED EARTHWORKS PAD SETBACK LINE
- PROPOSED CONCRETE SLEEPER RETAINING WALL
- PROPOSED ENERGEX BLOCK RETAINING WALL
- EXISTING CONCRETE SLEEPER RETAINING WALL
- PL.24.60 PROPOSED FINISHED SURFACE LEVEL (FSL) (INCLUDES TOPSOIL PLACEMENT)
- 24.60 PROPOSED SURFACE LEVEL (ESL)
- 24.60 EXISTING SURFACE LEVEL (ESL)
- PROPOSED AREA OF CUT
- PROPOSED AREA OF FILL
- INDICATIVE DRIVEWAY LOCATIONS
- ZERO LOT BOUNDARY
- PROPOSED DRAINAGE SWALE
- EXISTING SEWERAGE TRUNK MAIN

HOLD POINT:
CONTRACTOR TO NOTIFY SUPERINTENDANT ONCE RETAINING WALL POST HOLES ARE DRILLED TO CONFIRM LOCATION OF REQUIRED STEPS IN RETAINING WALL SLEEPERS.

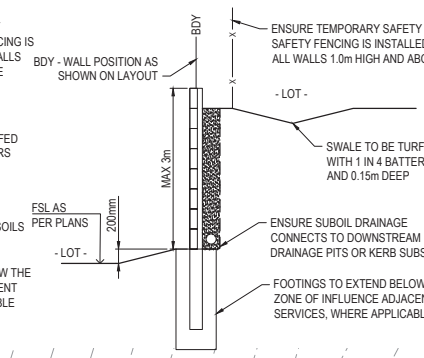
NOTE:
CONTRACTOR TO PREPARE 'CPSEC' CERTIFIED EROSION AND SEDIMENT CONTROL PLAN PRIOR TO COUNCIL PRE-START MEETING.

RETAINING WALL NOTES:

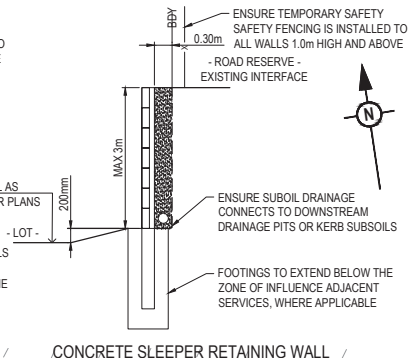
1. ALL RETAINING WALLS ARE TO BE DELIVERED UNDER DESIGN AND CONSTRUCTION ARRANGEMENT - FORMS 15 AND 16 CERTIFICATIONS ARE TO BE PROVIDED BY THE CONTRACTOR.
2. DESIGN OF WALLS TO CONSIDER ALL LOADS (FENCES, DWELLINGS ETC) AS WELL AS ASSOCIATED IMPACTS FROM ANY ADJACENT SERVICES - FOOTING DEPTHS TO BE EXTENDED AS REQUIRED.
3. GEOTECHNICAL CONDITIONS ARE TO BE CONFIRMED AND APPROPRIATELY CONSIDERED FOR ALL WALLS.
4. REFER LANDSCAPE DRAWINGS FOR FURTHER INFORMATION ON RETAINING WALLS, PARTICULARLY RELATING TO FINISHES.
5. TEMPORARY SAFETY FENCING TO BE INSTALLED BEHIND ALL WALLS 1.0m HIGH AND GREATER.



CONCRETE SLEEPER RETAINING WALL TYPICAL DETAIL (FRONTING ROAD RESERVE OR EXISTING INTERFACE) DOWNSTREAM
SCALE 1:25 (A1)

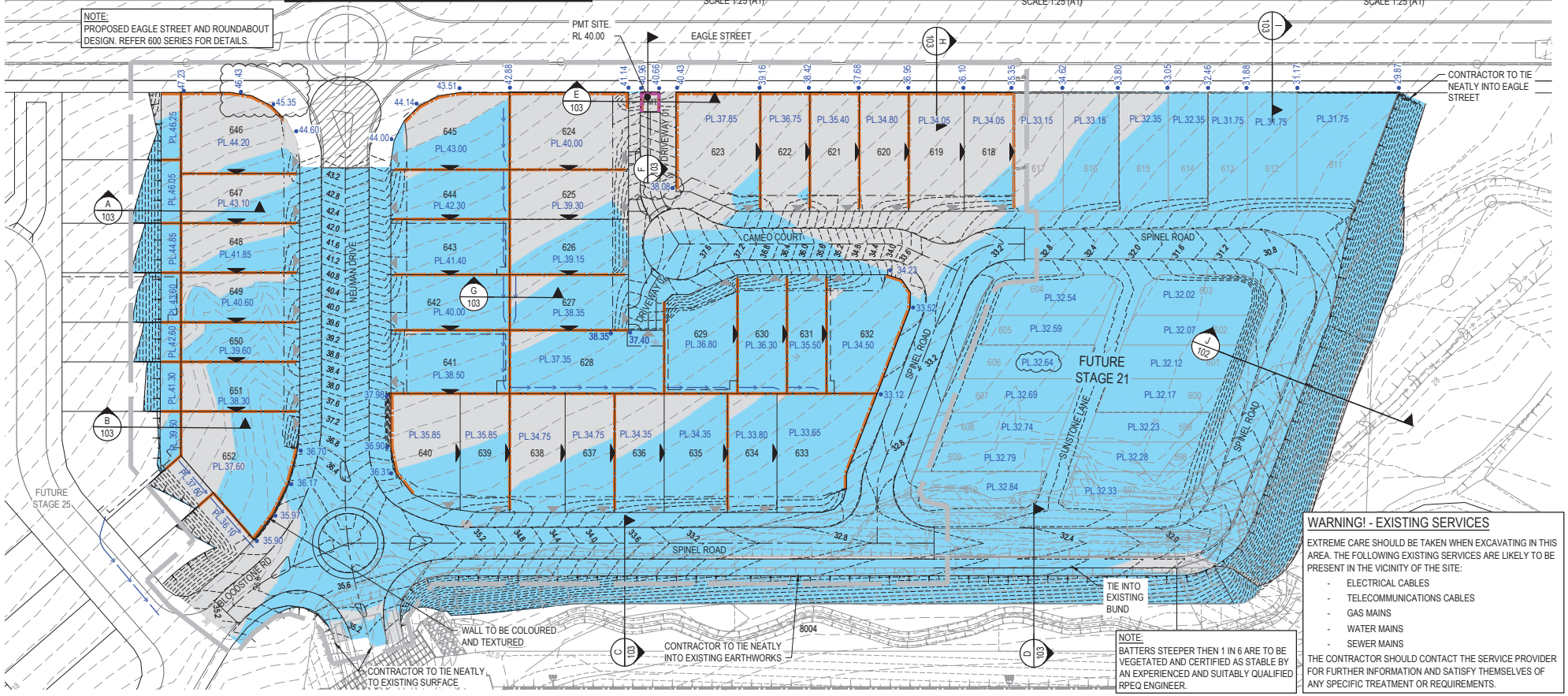


CONCRETE SLEEPER RETAINING WALL - TYPICAL DETAIL (BETWEEN ALLOTMENTS)
SCALE 1:25 (A1)



CONCRETE SLEEPER RETAINING WALL TYPICAL DETAIL (FRONTING ROAD RESERVE OR EXISTING INTERFACE) UPSTREAM
SCALE 1:25 (A1)

NOTE:
PROPOSED EAGLE STREET AND ROUNDABOUT DESIGN. REFER 600 SERIES FOR DETAILS.



NOTE:
BATTERS STEEPER THEN 1 IN 6 ARE TO BE VEGETATED AND CERTIFIED AS STABLE BY AN EXPERIENCED AND SUITABLY QUALIFIED RPEQ ENGINEER.

WARNING! - EXISTING SERVICES

EXTREME CARE SHOULD BE TAKEN WHEN EXCAVATING IN THIS AREA. THE FOLLOWING EXISTING SERVICES ARE LIKELY TO BE PRESENT IN THE VICINITY OF THE SITE:

- ELECTRICAL CABLES
- TELECOMMUNICATIONS CABLES
- GAS MAINS
- WATER MAINS
- SEWER MAINS

THE CONTRACTOR SHOULD CONTACT THE SERVICE PROVIDER FOR FURTHER INFORMATION AND SATISFY THEMSELVES OF ANY SPECIFIC TREATMENT OR REQUIREMENTS.

REV	DATE	DESIGN	DRAWN	REVISION DETAILS
A	09.02.23	CL	AK	ISSUED FOR CONSTRUCTION
B	22.06.23	CL	CL	SPOT LEVELS ADJUSTED

DRAWN: CL
DESIGN: NK
STATUS: ISSUED FOR CONSTRUCTION
APPROVED: DANIEL COLLINS RPEQ 18631 DATE
FOR AND ON BEHALF OF COLLIERS ENGINEERING AND DESIGN

Colliers

SCALE: 1:500 / 1:1000 — 10 5 0 10 20 — A1 / A3

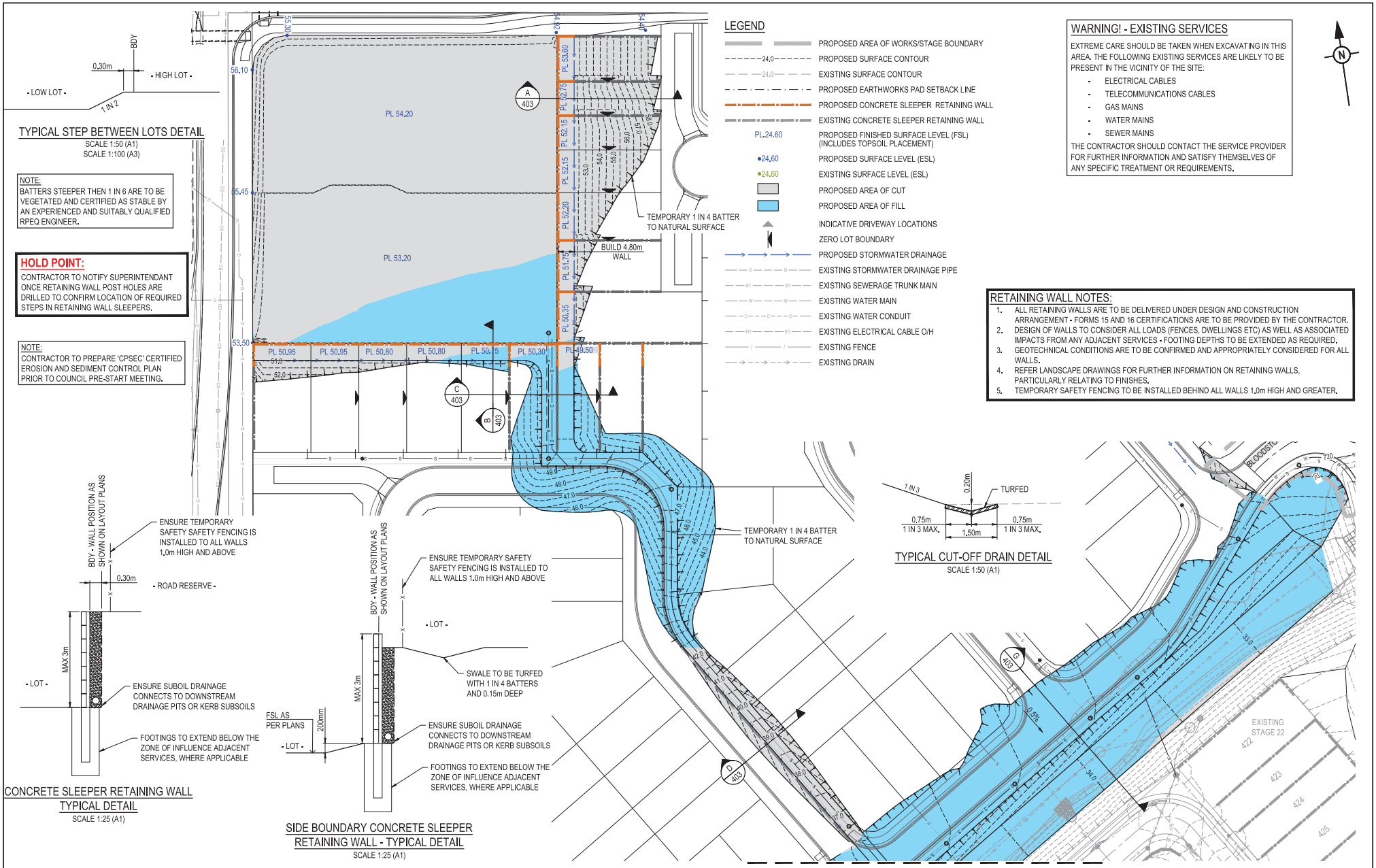
CLIENT: CANBERRA ESTATES CONSORTIUM NO. 36 PTY LIMITED

ASSOCIATED CONSULTANT: SAUNDERS HAVILL GROUP PH: 1300 123 744

PROJECT NAME: WOODLINKS STAGE 20
COLLINGWOOD DRIVE, COLLINGWOOD PARK

DRAWING TITLE: BULK EARTHWORKS LAYOUT PLAN

PROJECT No.	DRAWING No.	REVISION
21-0271	102	B



REV	DATE	DESIGN	DRAWN	REVISION DETAILS
1	15.08.22	CL	AK	ORIGINAL ISSUE

DRAWN

DESIGN

STATUS: NOT FOR CONSTRUCTION

APPROVED: SCOTT THOMAS RPEQ 04618 DATE: ####

FOR AND ON BEHALF OF PEAKURBAN PTY LTD

PEAKURBAN Achieve more.

ENQUIRIES@PEAKURBAN.COM.AU

SCALE: 1:500 10 5 0 10 20 A1; 1:1000 A3

CLIENT: CANBERRA ESTATES CONSORTIUM NO. 36 PTY LIMITED

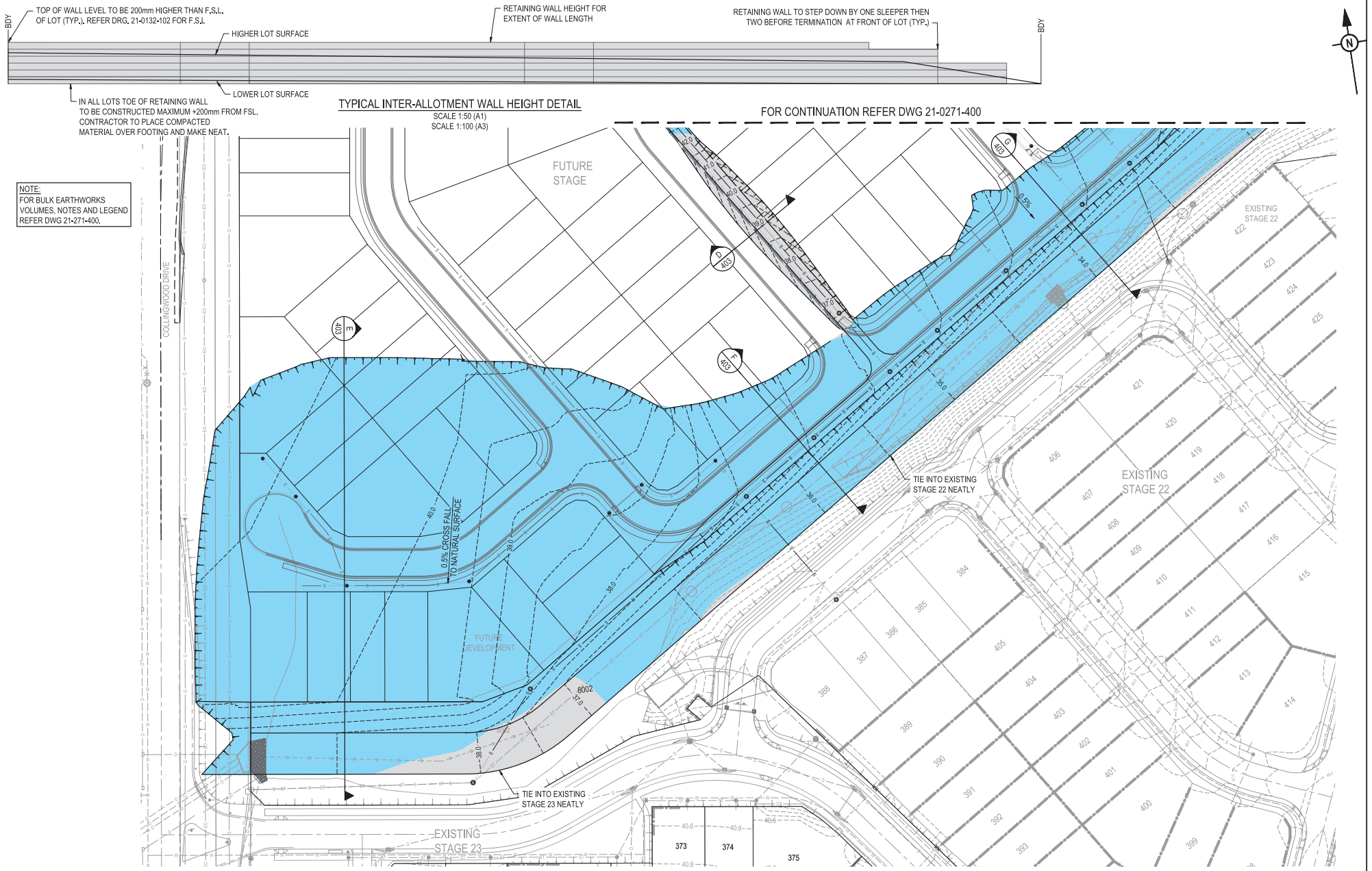
ASSOCIATED CONSULTANT: SAUNDERS HAVILL GROUP PH: 1300 123 744

PROJECT NAME: WOODLINKS STAGE 20

COLLINGWOOD DRIVE, COLLINGWOOD PARK

DRAWING TITLE: EXTERNAL BULK EARTHWORKS LAYOUT SHEET 1 OF 2

PROJECT No.	DRAWING No.	REVISION
21-0271	400	1



REV	DATE	DESIGN	DRAWN	REVISION DETAILS
1	15.08.22	CL	AK	ORIGINAL ISSUE

DRAWN

DESIGN

STATUS: NOT FOR CONSTRUCTION

APPROVED: SCOTT THOMAS RPEQ 04618 DATE: ####

FOR AND ON BEHALF OF PEAKURBAN PTY LTD

PEAKURBAN Achieve more.

ENQUIRIES@PEAKURBAN.COM.AU

SCALE: 1:500 10 5 0 10 20 A1; 1:1000 A3

CLIENT: CANBERRA ESTATES CONSORTIUM NO. 36 PTY LIMITED

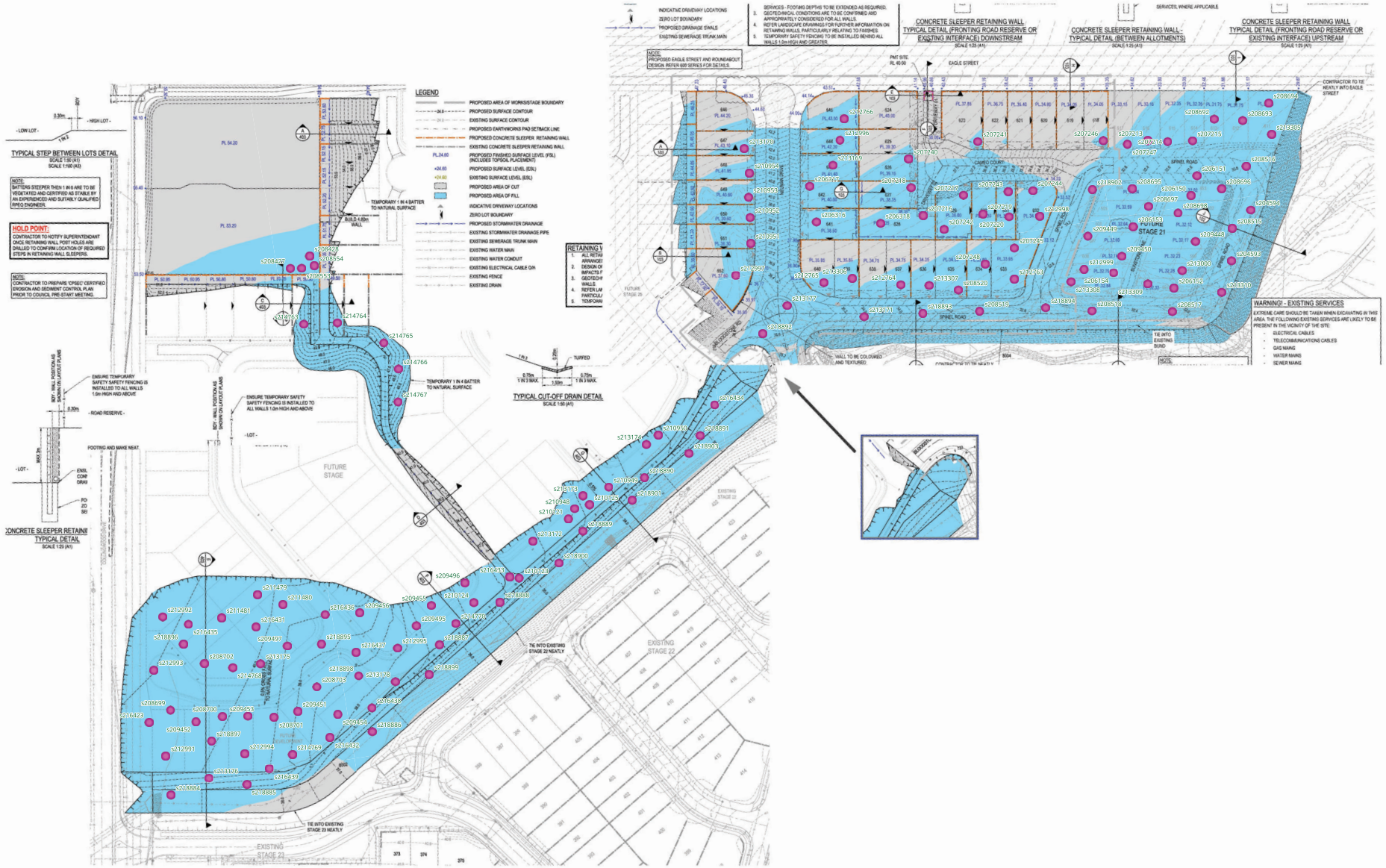
ASSOCIATED CONSULTANT: SAUNDERS HAVILL GROUP PH: 1300 123 744

PROJECT NAME: WOODLINKS STAGE 20

COLLINGWOOD DRIVE, COLLINGWOOD PARK

DRAWING TITLE: EXTERNAL BULK EARTHWORKS LAYOUT SHEET 2 OF 2

PROJECT No.	DRAWING No.	REVISION
21-0271	401	1



WOODLINKS - LEVEL 1 TESTS

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Attachment 3

Density Reports

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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 11/1**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**30/08/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**	**Page 1 of 1**	
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/204593	S/204594				
Date Tested :	3/07/2023	3/07/2023				
Material Source :	On Site	On Site				
For use as :	General Fill	General Fill				
Test / Layer Depths :	175 / 200	175 / 200				
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b				
Time :	14:10	14:11				
Lot Number :	-	-				
Location 1 :	E 486492	E 486480				
Location 2 :	N 6944492	N 6944285				
Location 3 :	RL 29.64	RL 29.52				
Location 4 :	-	-				
Test Fraction (mm) :	< 19mm	< 19mm				
Oversize Wet :	13%	12%				
Oversize Density - Dry (t/m³) :	2.45	2.47				
Assigned MDR (Yes/No) :	No	No				
MDR Sample Number :	S/204593	S/204594				
MDR Test Date :	31/07/2023	31/07/2023				
Compaction Type :	Standard	Standard				
Soil Description :	Sandy Clay	Sandy Clay				
MDR Test Results						
PCWD (t/m3) :	2.10	2.11				
Moisture Variation :	2.0%	2.0%				
ADJ PCWD (t/m3) :	2.14	2.15				
ADJ Moisture Variation :	1.5%	2.0%				
Moisture Test Results :						
Field Moisture Content :	7.5%	8.5%				
Moisture Specification :	-	-				
Variation from OMC :	**1.5% Dry of OMC**	**2.0% Dry of OMC**				
Relative Moisture Ratio (Q250) :	-	-				
Moisture Ratio :	N/A	N/A				
Density Test Results						
Field Wet Density (t/m3) :	2.03	2.11				
Density Specification :	95%	95%				
Wet Density Ratio :	**95.0%**	**98.0%**				

Remarks :	

NATA
WORLD RECOGNISED ACCREDITATION

Accredited for Compliance with ISO/ IEC 17025 - Testing
Protest Engineering (Darra) Accreditation Number - 2851
Base Laboratory Site Number - 2844 - Darra

Base Laboratory Address - 1/35 Limestone Street, Darra, QLD 4076

APPROVED SIGNATORY

Rhys Vanderkly - Signatory

Protest Engineering
ABN: 26 602 913 673
www.protestengineering.com

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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 12/1**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**30/08/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**	**Page 1 of 1**	
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/206150	S/206151	S/206152	S/206153	S/206154	
Date Tested :	10/07/2023	10/07/2023	10/07/2023	10/07/2023	10/07/2023	
Material Source :	Onsite	Onsite	Onsite	Onsite	Onsite	
For use as :	Fill	Fill	Fill	Fill	Fill	
Test / Layer Depths :	175 / 200	175 / 200	175 / 200	175 / 200	175 / 200	
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	
Time :	10:40	10:50	11:00	11:10	11:23	
Lot Number :	-	-	-	-	-	
Location 1 :	Lot 601	Lot 599	Lot 597	Lot 606	Lot 609	
Location 2 :	1m off north boundary	2m off north boundary	2m off north boundary	3m off north boundary	2m off north boundary	
Location 3 :	5m off western boundary	3m off eastern boundary	3m off eastern boundary	4m off eastern boundary	5m off western boundary	
Location 4 :	Lift 1	Lift 2	Lift 1	Lift 2	Lift 2	
Test Fraction (mm) :	< 19mm	< 19mm	< 19mm	< 19mm	< 19mm	
Oversize Wet :	0%	0%	0%	0%	0%	
Oversize Density - Dry (t/m³) :	-	-	-	-	-	
Assigned MDR (Yes/No) :	No	No	No	No	No	
MDR Sample Number :	S/206150	S/206151	S/206152	S/206153	S/206154	
MDR Test Date :	7/08/2023	7/08/2023	7/08/2023	7/08/2023	7/08/2023	
Compaction Type :	Standard	Standard	Standard	Standard	Standard	
Soil Description :	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay	
MDR Test Results						
PCWD (t/m3) :	2.07	2.07	2.07	2.05	2.10	
Moisture Variation :	2.0%	2.5%	1.5%	2.0%	0.5%	
ADJ PCWD (t/m3) :	-	-	-	-	-	
ADJ Moisture Variation :	-	-	-	-	-	
Moisture Test Results :						
Field Moisture Content :	12.5%	12.0%	13.0%	12.5%	14.0%	
Moisture Specification :	-	-	-	-	-	
Variation from OMC :	**2.0% Dry of OMC**	**2.5% Dry of OMC**	**1.5% Dry of OMC**	**2.0% Dry of OMC**	**0.5% Dry of OMC**	
Relative Moisture Ratio (Q250) :	-	-	-	-	-	
Moisture Ratio :	N/A	N/A	N/A	N/A	N/A	
Density Test Results						
Field Wet Density (t/m3) :	2.00	2.11	1.97	1.95	2.07	
Density Specification :	95%	95%	95%	95%	95%	
Wet Density Ratio :	**96.5%**	**101.5%**	**95.5%**	**95.0%**	**98.5%**	

Remarks :	

NATA
WORLD RECOGNISED ACCREDITATION

Accredited for Compliance with ISO/ IEC 17025 - Testing
Protest Engineering (Darra) Accreditation Number - 2851
Base Laboratory Site Number - 2844 - Darra

Base Laboratory Address - 1/35 Limestone Street, Darra, QLD 4076

APPROVED SIGNATORY

Rhys Vanderkly - Signatory

Protest Engineering
ABN: 26 602 913 673
www.protestengineering.com

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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 13/1**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**30/08/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**	**Page 1 of 1**	
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/206316	S/206317	S/206318			
Date Tested :	12/07/2023	12/07/2023	12/07/2023			
Material Source :	Onsite	Onsite	Onsite			
For use as :	Fill	Fill	Fill			
Test / Layer Depths :	175 / 200	175 / 200	175 / 200			
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b			
Time :	10:00	10:10	10:20			
Lot Number :	-	-	-			
Location 1 :	Lot 641	Lot 642	Lot 628			
Location 2 :	3m Off North Boundary	2m Off North Boundary	5m Off North Boundary			
Location 3 :	3m Off West Boundary	4m Off West Boundary	10m Off West Boundary			
Location 4 :	RL 36.52	RL 36.81	RL 36.44			
Test Fraction (mm) :	< 19mm	< 19mm	< 19mm			
Oversize Wet :	0%	0%	0%			
Oversize Density - Dry (t/m³) :	-	-	-			
Assigned MDR (Yes/No) :	No	No	No			
MDR Sample Number :	S/206316	S/206317	S/206318			
MDR Test Date :	7/08/2023	7/08/2023	7/08/2023			
Compaction Type :	Standard	Standard	Standard			
Soil Description :	Sandy Clay	Sandy Clay	Sandy Clay			
MDR Test Results						
PCWD (t/m3) :	1.94	1.95	1.98			
Moisture Variation :	5.0%	5.0%	4.0%			
ADJ PCWD (t/m3) :	-	-	-			
ADJ Moisture Variation :	-	-	-			
Moisture Test Results :						
Field Moisture Content :	12.0%	12.0%	13.0%			
Moisture Specification :	-	-	-			
Variation from OMC :	**5.0% Dry of OMC**	**5.0% Dry of OMC**	**4.0% Dry of OMC**			
Relative Moisture Ratio (Q250) :	-	-	-			
Moisture Ratio :	N/A	N/A	N/A			
Density Test Results						
Field Wet Density (t/m3) :	1.91	1.90	1.93			
Density Specification :	95%	95%	95%			
Wet Density Ratio :	**98.0%**	**97.5%**	**97.5%**			

Remarks :	

NATA
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Protest Engineering (Darra) Accreditation Number - 2851
Base Laboratory Site Number - 2844 - Darra

Base Laboratory Address - 1/35 Limestone Street, Darra, QLD 4076

APPROVED SIGNATORY

Rhys Vanderkly - Signatory

Protest Engineering
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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 14/1**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**30/08/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**	**Page 1 of 1**	
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/207213	S/207214	S/207215	S/207216	S/207217	S/207218
Date Tested :	14/07/2023	14/07/2023	14/07/2023	14/07/2023	14/07/2023	14/07/2023
Material Source :	Onsite	Onsite	Onsite	Onsite	Onsite	Onsite
For use as :	Fill	Fill	Fill	Fill	Fill	Fill
Test / Layer Depths :	175 / 200	175 / 200	175 / 200	175 / 200	175 / 200	175 / 200
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b
Time :	09:07	09:00	08:56	08:13	08:19	08:26
Lot Number :	-	-	-	-	-	-
Location 1 :	Lot 616	Lot 615	Lot 614	Lot 628	Lot 629	Lot 627
Location 2 :	4m off front boundary	4m off front boundary	4m off front boundary	4m off north boundary	4m off north boundary	3m off north boundary
Location 3 :	3m off LHS boundary	3m off LHS boundary	3m off LHS boundary	8m off east boundary	4m off east boundary	4m off east boundary
Location 4 :	RL: 31.2	RL: 30.8	RL: 29.9	RL: 36.8	RL: 35.8	RL: 36.8
Test Fraction (mm) :	< 19mm	< 19mm	< 19mm	< 19mm	< 19mm	< 19mm
Oversize Wet :	13%	0%	0%	8%	8%	0%
Oversize Density - Dry (t/m³) :	2.54	-	-	2.37	2.37	-
Assigned MDR (Yes/No) :	No	No	No	No	No	No
MDR Sample Number :	S/207213	S/207214	S/207215	S/207216	S/207217	S/207218
MDR Test Date :	9/08/2023	9/08/2023	9/08/2023	9/08/2023	9/08/2023	9/08/2023
Compaction Type :	Standard	Standard	Standard	Standard	Standard	Standard
Soil Description :	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay
MDR Test Results						
PCWD (t/m3) :	1.94	2.05	2.04	2.06	2.04	2.03
Moisture Variation :	2.0%	-1.0%	0.0%	-1.0%	0.0%	0.5%
ADJ PCWD (t/m3) :	2.00	-	-	2.09	2.06	-
ADJ Moisture Variation :	1.5%	-	-	-1.0%	0.0%	-
Moisture Test Results :						
Field Moisture Content :	9.5%	13.0%	12.5%	12.0%	11.5%	12.0%
Moisture Specification :	-	-	-	-	-	-
Variation from OMC :	**1.5% Dry of OMC**	**1.0% Wet of OMC**	**0.0% Dry of OMC**	**1.0% Wet of OMC**	**0.0% Dry of OMC**	**0.5% Dry of OMC**
Relative Moisture Ratio (Q250) :	-	-	-	-	-	-
Moisture Ratio :	N/A	N/A	N/A	N/A	N/A	N/A
Density Test Results						
Field Wet Density (t/m3) :	1.91	1.95	1.94	1.98	1.95	1.96
Density Specification :	95%	95%	95%	95%	95%	95%
Wet Density Ratio :	**95.5%**	**95.0%**	**95.0%**	**95.0%**	**95.0%**	**96.5%**

Remarks :	

NATA WORLD RECOGNISED ACCREDITATION

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Rhys Vanderkly - Signatory

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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 15/1**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**30/08/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**	**Page 1 of 1**	
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/207219	S/207220				
Date Tested :	14/07/2023	14/07/2023				
Material Source :	Onsite	Onsite				
For use as :	Fill	Fill				
Test / Layer Depths :	175 / 200	175 / 200				
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b				
Time :	08:38	08:45				
Lot Number :	-	-				
Location 1 :	Lot 630	Lot 631				
Location 2 :	4m off north boundary	4m off north boundary				
Location 3 :	3m off east boundary	3m off east boundary				
Location 4 :	RL: 35.8	RL: 34.2				
Test Fraction (mm) :	< 19mm	< 19mm				
Oversize Wet :	0%	0%				
Oversize Density - Dry (t/m³) :	-	-				
Assigned MDR (Yes/No) :	No	No				
MDR Sample Number :	S/207219	S/207220				
MDR Test Date :	9/08/2023	9/08/2023				
Compaction Type :	Standard	Standard				
Soil Description :	Sandy Clay	Sandy Clay				
MDR Test Results						
PCWD (t/m3) :	2.04	2.05				
Moisture Variation :	0.5%	-0.5%				
ADJ PCWD (t/m3) :	-	-				
ADJ Moisture Variation :	-	-				
Moisture Test Results :						
Field Moisture Content :	12.0%	12.5%				
Moisture Specification :	-	-				
Variation from OMC :	**0.5% Dry of OMC**	**0.5% Wet of OMC**				
Relative Moisture Ratio (Q250) :	-	-				
Moisture Ratio :	N/A	N/A				
Density Test Results						
Field Wet Density (t/m3) :	1.97	1.96				
Density Specification :	95%	95%				
Wet Density Ratio :	**97.0%**	**96.0%**				

Remarks :	

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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 18/1**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**30/08/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**	**Page 1 of 1**	
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/207240	S/207241	S/207242	S/207243	S/207244	S/207245
Date Tested :	17/07/2023	17/07/2023	17/07/2023	17/07/2023	17/07/2023	17/07/2023
Material Source :	Onsite	Onsite	Onsite	Onsite	Onsite	Onsite
For use as :	Fill	Fill	Fill	Fill	Fill	Fill
Test / Layer Depths :	175 / 200	175 / 200	175 / 200	175 / 200	175 / 200	175 / 200
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b
Time :	08:30	08:40	08:51	09:05	09:10	09:18
Lot Number :	-	-	-	-	-	-
Location 1 :	Lot 626	Lot 623	Lot 629	Lot 631	Lot 632	Lot 633
Location 2 :	4m off north boundary	2m off south boundary	4m off south boundary	3m off north boundary	3m off north boundary	3m off north boundary
Location 3 :	3m off east boundary	1m off east boundary	2m off west boundary	2m off east boundary	4m off west boundary	4m off west boundary
Location 4 :	RL 38.5	RL 36.7	RL 36.0	RL 34.8	RL 33.4	RL 33.1
Test Fraction (mm) :	< 19mm	< 19mm	< 19mm	< 19mm	< 19mm	< 19mm
Oversize Wet :	0%	0%	0%	0%	14%	0%
Oversize Density - Dry (t/m³) :	-	-	-	-	2.30	-
Assigned MDR (Yes/No) :	No	No	No	No	No	No
MDR Sample Number :	S/207240	S/207241	S/207242	S/207243	S/207244	S/207245
MDR Test Date :	8/08/2023	8/08/2023	8/08/2023	8/08/2023	8/08/2023	8/08/2023
Compaction Type :	Standard	Standard	Standard	Standard	Standard	Standard
Soil Description :	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay
MDR Test Results						
PCWD (t/m3) :	2.03	2.04	2.05	2.05	1.99	2.04
Moisture Variation :	1.5%	1.5%	2.5%	2.5%	3.5%	3.0%
ADJ PCWD (t/m3) :	-	-	-	-	2.03	-
ADJ Moisture Variation :	-	-	-	-	3.0%	-
Moisture Test Results :						
Field Moisture Content :	13.0%	13.0%	12.0%	12.5%	10.0%	11.5%
Moisture Specification :	-	-	-	-	-	-
Variation from OMC :	**1.5% Dry of OMC**	**1.5% Dry of OMC**	**2.5% Dry of OMC**	**2.5% Dry of OMC**	**3.0% Dry of OMC**	**3.0% Dry of OMC**
Relative Moisture Ratio (Q250) :	-	-	-	-	-	-
Moisture Ratio :	N/A	N/A	N/A	N/A	N/A	N/A
Density Test Results						
Field Wet Density (t/m3) :	1.93	1.94	2.05	2.04	1.93	1.94
Density Specification :	95%	95%	95%	95%	95%	95%
Wet Density Ratio :	**95.0%**	**95.0%**	**100.0%**	**99.5%**	**95.5%**	**95.0%**

Remarks :	

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Base Laboratory Address - 1/35 Limestone Street, Darra, QLD 4076

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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 19/1**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**30/08/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**	**Page 1 of 1**	
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/207246	S/207247	S/207248			
Date Tested :	17/07/2023	17/07/2023	17/07/2023			
Material Source :	Onsite	Onsite	Onsite			
For use as :	Fill	Fill	Fill			
Test / Layer Depths :	175 / 200	175 / 200	175 / 200			
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b			
Time :	09:24	09:31	09:41			
Lot Number :	-	-	-			
Location 1 :	Lot 618	Lot 617	Lot 634			
Location 2 :	2m off south boundary	2m off south boundary	2m off north boundary			
Location 3 :	1m off east boundary	1m off east boundary	2m off east boundary			
Location 4 :	RL 33.6	RL 33.2	RL 32.8			
Test Fraction (mm) :	< 19mm	< 19mm	< 19mm			
Oversize Wet :	0%	0%	0%			
Oversize Density - Dry (t/m³) :	-	-	-			
Assigned MDR (Yes/No) :	No	No	No			
MDR Sample Number :	S/207246	S/207247	S/207248			
MDR Test Date :	9/08/2023	9/08/2023	9/08/2023			
Compaction Type :	Standard	Standard	Standard			
Soil Description :	Sandy Clay With Gravel	Sandy Clay With Gravel	Sandy Clay With Gravel			
MDR Test Results						
PCWD (t/m3) :	2.08	2.04	2.04			
Moisture Variation :	2.0%	3.5%	3.0%			
ADJ PCWD (t/m3) :	-	-	-			
ADJ Moisture Variation :	-	-	-			
Moisture Test Results :						
Field Moisture Content :	12.5%	10.5%	11.0%			
Moisture Specification :	-	-	-			
Variation from OMC :	**2.0% Dry of OMC**	**3.5% Dry of OMC**	**3.0% Dry of OMC**			
Relative Moisture Ratio (Q250) :	-	-	-			
Moisture Ratio :	N/A	N/A	N/A			
Density Test Results						
Field Wet Density (t/m3) :	2.05	2.06	1.95			
Density Specification :	95%	95%	95%			
Wet Density Ratio :	**98.0%**	**101.0%**	**95.5%**			

Remarks :	

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Base Laboratory Site Number - 2844 - Darra

Base Laboratory Address - 1/35 Limestone Street, Darra, QLD 4076

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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 20/1**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**30/08/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**	**Page 1 of 1**	
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/208427	S/208428				
Date Tested :	17/07/2023	17/07/2023				
Material Source :	Onsite	Onsite				
For use as :	Fill	Fill				
Test / Layer Depths :	175 / 200	175 / 200				
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b				
Time :	11:20	11:30				
Lot Number :	-	-				
Location 1 :	Maccas Pad	Maccas Pad				
Location 2 :	2m off South Boundary	4m Off South Boundary				
Location 3 :	18m off East Boundary	8m Off East Boundary				
Location 4 :	0.8m Below FSL	1.2m Below FSL				
Test Fraction (mm) :	< 19mm	< 19mm				
Oversize Wet :	18%	16%				
Oversize Density - Dry (t/m^3) :	2.68	2.87				
Assigned MDR (Yes/No) :	No	No				
MDR Sample Number :	S/208427	S/208428				
MDR Test Date :	9/08/2023	9/08/2023				
Compaction Type :	Standard	Standard				
Soil Description :	Sandy Clay	Sandy Clay				
MDR Test Results						
PCWD (t/m3) :	2.07	2.06				
Moisture Variation :	4.0%	4.5%				
ADJ PCWD (t/m3) :	2.15	2.16				
ADJ Moisture Variation :	3.5%	3.5%				
Moisture Test Results :						
Field Moisture Content :	6.5%	6.5%				
Moisture Specification :	-	-				
Variation from OMC :	**3.5% Dry of OMC**	**3.5% Dry of OMC**				
Relative Moisture Ratio (Q250) :	-	-				
Moisture Ratio :	N/A	N/A				
Density Test Results						
Field Wet Density (t/m3) :	2.19	2.15				
Density Specification :	98%	98%				
Wet Density Ratio :	**101.5%**	**100.0%**				

Remarks :	

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Base Laboratory Site Number - 2844 - Darra

Base Laboratory Address - 1/35 Limestone Street, Darra, QLD 4076

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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 21/1**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**30/08/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**	**Page 1 of 1**	
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/208515	S/208516	S/208517	S/208518	S/208519	S/208520
Date Tested :	21/07/2023	21/07/2023	21/07/2023	21/07/2023	21/07/2023	21/07/2023
Material Source :	Onsite	Onsite	Onsite	Onsite	Onsite	Onsite
For use as :	Fill	Fill	Fill	Fill	Fill	Fill
Test / Layer Depths :	175 / 200	175 / 200	175 / 200	175 / 200	175 / 200	175 / 200
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b
Time :	09:02	09:08	09:15	09:20	09:35	09:30
Lot Number :	-	-	-	-	-	-
Location 1 :	Spindel road	Spindel road	Spindel road	Spindel road	Spindel road	Lot 635
Location 2 :	Ch 260	Ch 280	Ch 200	Ch 160	Ch 100	4m off south boundary
Location 3 :	1.4m L CL	0.6m R CL	CL	0.4m L CL	CL	3m off east boundary
Location 4 :	0.9m below FSL	0.9m below FSL	0.9m below FSL	0.9m below FSL	1.5m below FSL	RL 31.8
Test Fraction (mm) :	< 19mm	< 19mm	< 19mm	< 19mm	< 19mm	< 19mm
Oversize Wet :	0%	0%	0%	0%	10%	15%
Oversize Density - Dry (t/m³) :	-	-	-	-	2.29	2.14
Assigned MDR (Yes/No) :	No	No	No	No	No	No
MDR Sample Number :	S/208515	S/208516	S/208517	S/208518	S/208519	S/208520
MDR Test Date :	11/08/2023	11/08/2023	11/08/2023	11/08/2023	11/08/2023	11/08/2023
Compaction Type :	Standard	Standard	Standard	Standard	Standard	Standard
Soil Description :	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay
MDR Test Results						
PCWD (t/m3) :	2.09	2.10	2.09	2.09	2.09	2.08
Moisture Variation :	1.5%	2.5%	2.0%	2.0%	3.5%	3.5%
ADJ PCWD (t/m3) :	-	-	-	-	2.10	2.09
ADJ Moisture Variation :	-	-	-	-	3.0%	3.0%
Moisture Test Results :						
Field Moisture Content :	12.0%	11.0%	12.0%	12.0%	9.0%	8.0%
Moisture Specification :	-	-	-	-	-	-
Variation from OMC :	**1.5% Dry of OMC**	**2.5% Dry of OMC**	**2.0% Dry of OMC**	**2.0% Dry of OMC**	**3.0% Dry of OMC**	**3.0% Dry of OMC**
Relative Moisture Ratio (Q250) :	-	-	-	-	-	-
Moisture Ratio :	N/A	N/A	N/A	N/A	N/A	N/A
Density Test Results						
Field Wet Density (t/m3) :	2.10	2.12	2.14	2.13	2.14	2.14
Density Specification :	95%	95%	95%	95%	95%	95%
Wet Density Ratio :	**100.5%**	**101.0%**	**102.0%**	**101.5%**	**101.5%**	**102.5%**

Remarks :	

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Protest Engineering (Darra) Accreditation Number - 2851
Base Laboratory Site Number - 2844 - Darra

Base Laboratory Address - 1/35 Limestone Street, Darra, QLD 4076

APPROVED SIGNATORY

Rhys Vanderkly - Signatory

Protest Engineering
ABN: 26 602 913 673
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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 22/1**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**30/08/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**	**Page 1 of 1**	
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/208553	S/208554				
Date Tested :	21/07/2023	21/07/2023				
Material Source :	Onsite	Onsite				
For use as :	Fill	Fill				
Test / Layer Depths :	175 / 200	175 / 200				
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b				
Time :	10:37	10:48				
Lot Number :	-	-				
Location 1 :	McDonald's pad	McDonald's pad				
Location 2 :	3m off southern boundary	2m off southern boundary				
Location 3 :	10m off east boundary	4m off east boundary				
Location 4 :	FSL	FSL				
Test Fraction (mm) :	< 19mm	< 19mm				
Oversize Wet :	13%	0%				
Oversize Density - Dry (t/m³) :	2.30	-				
Assigned MDR (Yes/No) :	No	No				
MDR Sample Number :	S/208553	S/208554				
MDR Test Date :	15/08/2023	15/08/2023				
Compaction Type :	Standard	Standard				
Soil Description :	Sandy Clay	Sandy Clay				
MDR Test Results						
PCWD (t/m3) :	2.01	2.01				
Moisture Variation :	4.5%	4.5%				
ADJ PCWD (t/m3) :	2.04	-				
ADJ Moisture Variation :	4.0%	-				
Moisture Test Results :						
Field Moisture Content :	10.0%	11.5%				
Moisture Specification :	-	-				
Variation from OMC :	**4.0% Dry of OMC**	**4.5% Dry of OMC**				
Relative Moisture Ratio (Q250) :	-	-				
Moisture Ratio :	N/A	N/A				
Density Test Results						
Field Wet Density (t/m3) :	2.00	2.01				
Density Specification :	98%	98%				
Wet Density Ratio :	**98.0%**	**100.0%**				

Remarks :	

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Protest Engineering (Darra) Accreditation Number - 2851
Base Laboratory Site Number - 2844 - Darra

Base Laboratory Address - 1/35 Limestone Street, Darra, QLD 4076

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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 24/1**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**30/08/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**	**Page 1 of 1**	
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/208692	S/208693	S/208694	S/208695	S/208696	S/208697
Date Tested :	24/07/2023	24/07/2023	24/07/2023	24/07/2023	24/07/2023	24/07/2023
Material Source :	Onsite	Onsite	Onsite	Onsite	Onsite	Onsite
For use as :	Fill	Fill	Fill	Fill	Fill	Fill
Test / Layer Depths :	175 / 200	175 / 200	175 / 200	175 / 200	175 / 200	175 / 200
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b
Time :	09:10	09:15	09:20	09:40	09:45	09:50
Lot Number :	-	-	-	-	-	-
Location 1 :	Lot 613	Lot 612	Lot 611	Lot 604	Lot 603	Lot 605
Location 2 :	5m Off North Boundary	4m Off North Boundary	6m Off North Boundary	2m Off North Boundary	2m Off North Boundary	2m Off North Boundary
Location 3 :	4m Off West Boundary	3m Off West Boundary	4m Off West Boundary	4m Off East Boundary	4m Off East Boundary	4m Off West Boundary
Location 4 :	RL 30.9	RL 31.0	RL 30.9	RL 30.6	RL 30.4	RL 30.6
Test Fraction (mm) :	< 19mm	< 19mm	< 19mm	< 19mm	< 19mm	< 19mm
Oversize Wet :	0%	0%	0%	0%	0%	0%
Oversize Density - Dry (t/m³) :	-	-	-	-	-	-
Assigned MDR (Yes/No) :	No	No	No	No	No	No
MDR Sample Number :	S/208692	S/208693	S/208694	S/208695	S/208696	S/208697
MDR Test Date :	11/08/2023	11/08/2023	11/08/2023	11/08/2023	11/08/2023	11/08/2023
Compaction Type :	Standard	Standard	Standard	Standard	Standard	Standard
Soil Description :	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay
MDR Test Results						
PCWD (t/m3) :	2.01	2.01	2.00	2.01	2.02	2.01
Moisture Variation :	4.0%	4.0%	4.5%	4.0%	3.5%	3.5%
ADJ PCWD (t/m3) :	-	-	-	-	-	-
ADJ Moisture Variation :	-	-	-	-	-	-
Moisture Test Results :						
Field Moisture Content :	9.5%	9.5%	9.5%	9.5%	10.5%	10.0%
Moisture Specification :	-	-	-	-	-	-
Variation from OMC :	**4.0% Dry of OMC**	**4.0% Dry of OMC**	**4.5% Dry of OMC**	**4.0% Dry of OMC**	**3.5% Dry of OMC**	**3.5% Dry of OMC**
Relative Moisture Ratio (Q250) :	-	-	-	-	-	-
Moisture Ratio :	N/A	N/A	N/A	N/A	N/A	N/A
Density Test Results						
Field Wet Density (t/m3) :	1.94	1.93	1.94	1.93	1.93	1.91
Density Specification :	95%	95%	95%	95%	95%	95%
Wet Density Ratio :	**96.5%**	**96.0%**	**97.0%**	**96.0%**	**95.5%**	**95.0%**

Remarks :	

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Protest Engineering (Darra) Accreditation Number - 2851
Base Laboratory Site Number - 2844 - Darra

Base Laboratory Address - 1/35 Limestone Street, Darra, QLD 4076

APPROVED SIGNATORY

Rhys Vanderkly - Signatory

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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 25/1**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**30/08/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**	**Page 1 of 1**	
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/208698	S/208699	S/208700	S/208701	S/208702	S/208703
Date Tested :	24/07/2023	24/07/2023	24/07/2023	24/07/2023	24/07/2023	24/07/2023
Material Source :	Onsite	Onsite	Onsite	Onsite	Onsite	Onsite
For use as :	Fill	Fill	Fill	Fill	Fill	Fill
Test / Layer Depths :	175 / 200	175 / 200	175 / 200	175 / 200	175 / 200	175 / 200
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b
Time :	09:55	10:10	10:15	10:20	10:30	10:40
Lot Number :	-	-	-	-	-	-
Location 1 :	Lot 602	Lot 768	Lot 770	Lot 772	Lot 764	Lot 774
Location 2 :	2m Off North Boundary	4m Off North Boundary	4m Off North Boundary	4m Off North Boundary	3m Off South Boundary	4m Off North Boundary
Location 3 :	4m Off West Boundary	3m Off West Boundary	2m Off West Boundary	4m Off West Boundary	4m Off East Boundary	2m Off West Boundary
Location 4 :	RL 30.7	RL 32.8	RL 32.4	RL 31.9	RL 32.0	RL 31.2
Test Fraction (mm) :	< 19mm	< 19mm	< 19mm	< 19mm	< 19mm	< 19mm
Oversize Wet :	0%	0%	0%	0%	0%	0%
Oversize Density - Dry (t/m³) :	-	-	-	-	-	-
Assigned MDR (Yes/No) :	No	No	No	No	No	No
MDR Sample Number :	S/208698	S/208699	S/208700	S/208701	S/208702	S/208703
MDR Test Date :	11/08/2023	11/08/2023	11/08/2023	11/08/2023	11/08/2023	11/08/2023
Compaction Type :	Standard	Standard	Standard	Standard	Standard	Standard
Soil Description :	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay
MDR Test Results						
PCWD (t/m3) :	2.00	1.99	2.00	1.99	1.99	2.00
Moisture Variation :	3.0%	3.5%	2.5%	4.0%	4.0%	2.5%
ADJ PCWD (t/m3) :	-	-	-	-	-	-
ADJ Moisture Variation :	-	-	-	-	-	-
Moisture Test Results :						
Field Moisture Content :	9.0%	8.5%	9.0%	8.0%	8.0%	9.0%
Moisture Specification :	-	-	-	-	-	-
Variation from OMC :	**3.0% Dry of OMC**	**3.5% Dry of OMC**	**2.5% Dry of OMC**	**4.0% Dry of OMC**	**4.0% Dry of OMC**	**2.5% Dry of OMC**
Relative Moisture Ratio (Q250) :	-	-	-	-	-	-
Moisture Ratio :	N/A	N/A	N/A	N/A	N/A	N/A
Density Test Results						
Field Wet Density (t/m3) :	1.95	2.03	1.96	2.00	1.92	1.95
Density Specification :	95%	95%	95%	95%	95%	95%
Wet Density Ratio :	**97.5%**	**101.5%**	**98.0%**	**100.5%**	**96.5%**	**97.0%**

Remarks :	

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Protest Engineering (Darra) Accreditation Number - 2851
Base Laboratory Site Number - 2844 - Darra

Base Laboratory Address - 1/35 Limestone Street, Darra, QLD 4076

APPROVED SIGNATORY

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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 26/1**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**30/08/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**	**Page 1 of 1**	
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/209448	S/209449	S/209450	S/209451	S/209452	S/209453
Date Tested :	25/07/2023	25/07/2023	25/07/2023	25/07/2023	25/07/2023	25/07/2023
Material Source :	Onsite	Onsite	Onsite	Onsite	Onsite	Onsite
For use as :	Fill	Fill	Fill	Fill	Fill	Fill
Test / Layer Depths :	175 / 200	175 / 200	175 / 200	175 / 200	175 / 200	175 / 200
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b
Time :	09:31	09:40	09:45	09:58	10:23	10:35
Lot Number :	-	-	-	-	-	-
Location 1 :	Lot 600	Lot 607	Lot 608	Lot 773	Lot 769	Lot 771
Location 2 :	3m off north boundary	3m off north boundary	3m off north boundary	4m off north boundary	4m off north boundary	4m off north boundary
Location 3 :	3m off east boundary	2m off west boundary	3m off east boundary	3m off east boundary	3m off east boundary	3m off east boundary
Location 4 :	RL 30.7	RL 30.6	RL 30.8	RL 32.2	RL 32.2	RL 32.7
Test Fraction (mm) :	< 19mm	< 19mm	< 19mm	< 19mm	< 19mm	< 19mm
Oversize Wet :	0%	0%	0%	0%	11%	0%
Oversize Density - Dry (t/m³) :	-	-	-	-	2.43	-
Assigned MDR (Yes/No) :	No	No	No	No	No	No
MDR Sample Number :	S/209448	S/209449	S/209450	S/209451	S/209452	S/209453
MDR Test Date :	15/08/2023	15/08/2023	15/08/2023	15/08/2023	15/08/2023	15/08/2023
Compaction Type :	Standard	Standard	Standard	Standard	Standard	Standard
Soil Description :	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay
MDR Test Results						
PCWD (t/m3) :	2.08	2.07	2.05	2.02	2.07	2.07
Moisture Variation :	2.5%	3.0%	5.0%	5.0%	1.0%	1.5%
ADJ PCWD (t/m3) :	-	-	-	-	2.10	-
ADJ Moisture Variation :	-	-	-	-	1.0%	-
Moisture Test Results :						
Field Moisture Content :	10.0%	9.5%	7.5%	7.5%	9.5%	11.0%
Moisture Specification :	-	-	-	-	-	-
Variation from OMC :	**2.5% Dry of OMC**	**3.0% Dry of OMC**	**5.0% Dry of OMC**	**5.0% Dry of OMC**	**1.0% Dry of OMC**	**1.5% Dry of OMC**
Relative Moisture Ratio (Q250) :	-	-	-	-	-	-
Moisture Ratio :	N/A	N/A	N/A	N/A	N/A	N/A
Density Test Results						
Field Wet Density (t/m3) :	2.08	2.04	2.08	2.02	2.06	2.03
Density Specification :	95%	95%	95%	95%	95%	95%
Wet Density Ratio :	**100.0%**	**99.0%**	**101.5%**	**100.0%**	**98.0%**	**98.0%**

Remarks :	

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Protest Engineering (Darra) Accreditation Number - 2851
Base Laboratory Site Number - 2844 - Darra

Base Laboratory Address - 1/35 Limestone Street, Darra, QLD 4076

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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 27/1**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**30/08/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**	**Page 1 of 1**	
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/209454	S/209455	S/209456			
Date Tested :	25/07/2023	25/07/2023	25/07/2023			
Material Source :	Onsite	Onsite	Onsite			
For use as :	Fill	Fill	Fill			
Test / Layer Depths :	175 / 200	175 / 200	175 / 200			
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b			
Time :	10:45	10:50	10:59			
Lot Number :	-	-	-			
Location 1 :	Lot 775	Lot 738	Lot 740			
Location 2 :	2m off north boundary	2m off north boundary	2m off north boundary			
Location 3 :	3m off west boundary	3m off west boundary	3m off west boundary			
Location 4 :	RL 32.9	RL 30.4	RL 30.6			
Test Fraction (mm) :	< 19mm	< 19mm	< 19mm			
Oversize Wet :	5%	0%	0%			
Oversize Density - Dry (t/m³) :	2.37	-	-			
Assigned MDR (Yes/No) :	No	No	No			
MDR Sample Number :	S/209454	S/209455	S/209456			
MDR Test Date :	15/08/2023	15/08/2023	15/08/2023			
Compaction Type :	Standard	Standard	Standard			
Soil Description :	Sandy Clay	Sandy Clay	Sandy Clay			
MDR Test Results						
PCWD (t/m3) :	2.06	2.05	2.04			
Moisture Variation :	1.0%	2.5%	2.5%			
ADJ PCWD (t/m3) :	2.07	-	-			
ADJ Moisture Variation :	1.0%	-	-			
Moisture Test Results :						
Field Moisture Content :	11.0%	-	-			
Moisture Specification :	-	-	-			
Variation from OMC :	**1.0% Dry of OMC**	**2.5% Dry of OMC**	**2.5% Dry of OMC**			
Relative Moisture Ratio (Q250) :	-	-	-			
Moisture Ratio :	N/A	N/A	N/A			
Density Test Results						
Field Wet Density (t/m3) :	2.06	1.94	1.94			
Density Specification :	95%	95%	95%			
Wet Density Ratio :	**99.0%**	**95.0%**	**95.0%**			

Remarks :	

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Protest Engineering (Darra) Accreditation Number - 2851
Base Laboratory Site Number - 2844 - Darra

Base Laboratory Address - 1/35 Limestone Street, Darra, QLD 4076

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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 28/1**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**30/08/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**	**Page 1 of 1**	
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/209495	S/209496	S/209497			
Date Tested :	26/07/2023	26/07/2023	26/07/2023			
Material Source :	Onsite	Onsite	Onsite			
For use as :	Fill	Fill	Fill			
Test / Layer Depths :	175 / 200	175 / 200	175 / 200			
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b			
Time :	10:12	10:20	10:30			
Lot Number :	-	-	-			
Location 1 :	Lot 739	Lot 737	Lot 763			
Location 2 :	4m off south boundary	3m off south boundary	2m off south boundary			
Location 3 :	3m off east boundary	3m off east boundary	3m off east boundary			
Location 4 :	RL 30.6	RL 30.2	RL 32.2			
Test Fraction (mm) :	< 19mm	< 19mm	< 19mm			
Oversize Wet :	18%	19%	17%			
Oversize Density - Dry (t/m³) :	2.30	2.69	2.61			
Assigned MDR (Yes/No) :	No	No	No			
MDR Sample Number :	S/209495	S/209496	S/209497			
MDR Test Date :	17/08/2023	17/08/2023	17/08/2023			
Compaction Type :	Standard	Standard	Standard			
Soil Description :	Sandy Clay	Sandy Clay	Sandy Clay			
MDR Test Results						
PCWD (t/m3) :	1.95	1.95	1.94			
Moisture Variation :	2.5%	3.0%	3.0%			
ADJ PCWD (t/m3) :	2.00	2.05	2.03			
ADJ Moisture Variation :	2.0%	2.5%	2.5%			
Moisture Test Results :						
Field Moisture Content :	8.5%	8.0%	8.5%			
Moisture Specification :	-	-	-			
Variation from OMC :	**2.0% Dry of OMC**	**2.5% Dry of OMC**	**2.5% Dry of OMC**			
Relative Moisture Ratio (Q250) :	-	-	-			
Moisture Ratio :	N/A	N/A	N/A			
Density Test Results						
Field Wet Density (t/m3) :	1.97	2.03	1.97			
Density Specification :	95%	95%	95%			
Wet Density Ratio :	**98.5%**	**99.0%**	**97.0%**			

Remarks :	

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Accredited for Compliance with ISO/ IEC 17025 - Testing
Protest Engineering (Darra) Accreditation Number - 2851
Base Laboratory Site Number - 2844 - Darra

Base Laboratory Address - 1/35 Limestone Street, Darra, QLD 4076

APPROVED SIGNATORY

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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 30/1**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**30/08/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**	**Page 1 of 1**	
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/210121	S/210123	S/210124	S/210125		
Date Tested :	1/08/2023	1/08/2023	1/08/2023	1/08/2023		
Material Source :	Onsite	Onsite	Onsite	Onsite		
For use as :	Fill	Fill	Fill	Fill		
Test / Layer Depths :	175 / 200	175 / 200	175 / 200	175 / 200		
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b		
Time :	10:27	10:38	10:44	10:10		
Lot Number :	-	-	-	-		
Location 1 :	Bloodstone road	Bloodstone road	Bloodstone road	Bloodstone road		
Location 2 :	Ch 160	Ch 190	Ch 210	Ch 140		
Location 3 :	2m left of kerbline	3m left of kerbline	0.6m left of kerbline	1.4m left of kerbline		
Location 4 :	RL 34.4	RL 35.0	RL 34.8	RL 34.3		
Test Fraction (mm) :	< 19mm	< 19mm	< 19mm	< 19mm		
Oversize Wet :	16%	14%	19%	19%		
Oversize Density - Dry (t/m³) :	2.41	2.69	2.34	2.63		
Assigned MDR (Yes/No) :	No	No	No	No		
MDR Sample Number :	S/210121	S/210123	S/210124	S/210125		
MDR Test Date :	16/08/2023	16/08/2023	16/08/2023	16/08/2023		
Compaction Type :	Standard	Standard	Standard	Standard		
Soil Description :	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay		
MDR Test Results						
PCWD (t/m3) :	1.90	1.90	1.91	1.91		
Moisture Variation :	2.0%	2.5%	1.0%	1.0%		
ADJ PCWD (t/m3) :	1.97	1.99	1.98	2.02		
ADJ Moisture Variation :	1.5%	2.0%	1.0%	0.5%		
Moisture Test Results :						
Field Moisture Content :	10.5%	10.5%	10.5%	11.0%		
Moisture Specification :	-	-	-	-		
Variation from OMC :	**1.5% Dry of OMC**	**2.0% Dry of OMC**	**1.0% Dry of OMC**	**0.5% Dry of OMC**		
Relative Moisture Ratio (Q250) :	-	-	-	-		
Moisture Ratio :	N/A	N/A	N/A	N/A		
Density Test Results						
Field Wet Density (t/m3) :	1.94	2.02	1.99	1.94		
Density Specification :	95%	95%	95%	95%		
Wet Density Ratio :	**98.5%**	**101.5%**	**100.5%**	**96.0%**		

Remarks :	

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Base Laboratory Site Number - 2844 - Darra

Base Laboratory Address - 1/35 Limestone Street, Darra, QLD 4076

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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 36/1**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**30/08/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**	**Page 1 of 1**	
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/210948	S/210949	S/210950			
Date Tested :	3/08/2023	3/08/2023	3/08/2023			
Material Source :	Onsite	Onsite	Onsite			
For use as :	fill	fill	fill			
Test / Layer Depths :	175 / 200	175 / 200	175 / 200			
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b			
Time :	13:20	13:30	13:40			
Lot Number :	-	-	-			
Location 1 :	Bloodstone Road	Bloodstone Road	Bloodstone Road			
Location 2 :	ch 150	ch 130	ch 110			
Location 3 :	1.2m Right Of Kerbline	2.2m Right Of Kerbline	0.7m Right Of Kerbline			
Location 4 :	RL: 34.9	RL 35.1	RL 34.7			
Test Fraction (mm) :	< 19mm	< 19mm	< 19mm			
Oversize Wet :	13%	17%	0%			
Oversize Density - Dry (t/m³) :	2.41	2.32	-			
Assigned MDR (Yes/No) :	No	No	No			
MDR Sample Number :	S/210948	S/210949	S/210950			
MDR Test Date :	23/08/2023	23/08/2023	23/08/2023			
Compaction Type :	Standard	Standard	Standard			
Soil Description :	Sandy Clay	Sandy Clay	Sandy Clay			
MDR Test Results						
PCWD (t/m3) :	2.07	2.08	2.08			
Moisture Variation :	3.0%	2.0%	2.0%			
ADJ PCWD (t/m3) :	2.11	2.12	-			
ADJ Moisture Variation :	2.5%	2.0%	-			
Moisture Test Results :						
Field Moisture Content :	8.0%	8.0%	10.0%			
Moisture Specification :	-	-	-			
Variation from OMC :	**2.5% Dry of OMC**	**2.0% Dry of OMC**	**2.0% Dry of OMC**			
Relative Moisture Ratio (Q250) :	-	-	-			
Moisture Ratio :	N/A	N/A	N/A			
Density Test Results						
Field Wet Density (t/m3) :	2.02	2.03	2.03			
Density Specification :	95%	95%	95%			
Wet Density Ratio :	**96.0%**	**96.0%**	**98.0%**			

Remarks :	

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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 37/1**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**30/08/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**	**Page 1 of 1**	
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/210951	S/210952	S/210953	S/210954		
Date Tested :	4/08/2023	4/08/2023	4/08/2023	4/08/2023		
Material Source :	Onsite	Onsite	Onsite	Onsite		
For use as :	fill	fill	fill	fill		
Test / Layer Depths :	175 / 200	175 / 200	175 / 200	175 / 200		
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b		
Time :	12:30	12:40	12:50	13:00		
Lot Number :	-	-	-	-		
Location 1 :	Lot 651	Lot 650	Lot 649	Lot 648		
Location 2 :	2m Off Southern Boundary	2m Off Southern Boundary	2m Off Southern Boundary	2m Off Southern Boundary		
Location 3 :	4m Off Eastern Boundary	3m Off Eastern Boundary	3m Off Eastern Boundary	3m Off Eastern Boundary		
Location 4 :	RL 37.5	RL 38.4	RL 38.9	RL 40.1		
Test Fraction (mm) :	< 19mm	< 19mm	< 19mm	< 19mm		
Oversize Wet :	0%	0%	10%	0%		
Oversize Density - Dry (t/m³) :	-	-	2.36	-		
Assigned MDR (Yes/No) :	No	No	No	No		
MDR Sample Number :	S/210951	S/210952	S/210953	S/210954		
MDR Test Date :	23/08/2023	23/08/2023	23/08/2023	23/08/2023		
Compaction Type :	Standard	Standard	Standard	Standard		
Soil Description :	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay		
MDR Test Results						
PCWD (t/m3) :	2.01	2.13	2.01	2.10		
Moisture Variation :	1.5%	2.0%	2.5%	3.0%		
ADJ PCWD (t/m3) :	-	-	2.04	-		
ADJ Moisture Variation :	-	-	2.5%	-		
Moisture Test Results :						
Field Moisture Content :	13.0%	12.5%	8.5%	9.0%		
Moisture Specification :	-	-	-	-		
Variation from OMC :	**1.5% Dry of OMC**	**2.0% Dry of OMC**	**2.5% Dry of OMC**	**3.0% Dry of OMC**		
Relative Moisture Ratio (Q250) :	-	-	-	-		
Moisture Ratio :	N/A	N/A	N/A	N/A		
Density Test Results						
Field Wet Density (t/m3) :	2.02	2.14	1.97	2.13		
Density Specification :	95%	95%	95%	95%		
Wet Density Ratio :	**101.0%**	**100.5%**	**97.0%**	**101.5%**		

Remarks :	

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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 38/1**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**30/08/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**	**Page 1 of 1**	
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/211479	S/211480	S/211481			
Date Tested :	8/08/2023	8/08/2023	8/08/2023			
Material Source :	Onsite	Onsite	Onsite			
For use as :	Fill	Fill	Fill			
Test / Layer Depths :	175 / 200	175 / 200	175 / 200			
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b			
Time :	12:50	13:00	13:10			
Lot Number :	-	-	-			
Location 1 :	Lot 761	Lot 762	Lot 765			
Location 2 :	2m off north boundary	4m off north boundary	2m off north boundary			
Location 3 :	5m off east boundary	5m off west boundary	4m off west boundary			
Location 4 :	RL 39.3	RL 39.8	RL 39.8			
Test Fraction (mm) :	< 19mm	< 19mm	< 19mm			
Oversize Wet :	14%	0%	0%			
Oversize Density - Dry (t/m³) :	2.43	-	-			
Assigned MDR (Yes/No) :	No	No	No			
MDR Sample Number :	S/211479	S/211480	S/211481			
MDR Test Date :	25/08/2023	25/08/2023	25/08/2023			
Compaction Type :	Standard	Standard	Standard			
Soil Description :	Sandy Clay	Sandy Clay	Sandy Clay			
MDR Test Results						
PCWD (t/m3) :	2.03	2.02	2.03			
Moisture Variation :	4.0%	3.5%	4.0%			
ADJ PCWD (t/m3) :	2.07	-	-			
ADJ Moisture Variation :	3.5%	-	-			
Moisture Test Results :						
Field Moisture Content :	5.5%	6.5%	6.0%			
Moisture Specification :	-	-	-			
Variation from OMC :	**3.5% Dry of OMC**	**3.5% Dry of OMC**	**4.0% Dry of OMC**			
Relative Moisture Ratio (Q250) :	-	-	-			
Moisture Ratio :	N/A	N/A	N/A			
Density Test Results						
Field Wet Density (t/m3) :	2.03	2.00	2.03			
Density Specification :	95%	95%	95%			
Wet Density Ratio :	**98.0%**	**99.0%**	**100.0%**			

Remarks :	

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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 40/1**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**5/09/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**	**Page 1 of 1**	
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/213305	S/213306	S/213307	S/213308	S/213309	S/213310
Date Tested :	18/08/2023	18/08/2023	18/08/2023	18/08/2023	18/08/2023	18/08/2023
Material Source :	Onsite	Onsite	Onsite	Onsite	Onsite	Onsite
For use as :	General Fill	General Fill	General Fill	General Fill	General Fill	General Fill
Test / Layer Depths :	150 / 175	150 / 175	150 / 175	150 / 175	150 / 175	150 / 175
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b
Time :	09:10	09:20	09:30	09:40	09:50	10:00
Lot Number :	-	-	-	-	-	-
Location 1 :	E 486503	E 486280	E 486318	E 486390	E 486429	E 486465
Location 2 :	N 6944334	N 6944291	N 6944281	N 6944272	N 6944264	N 6944254
Location 3 :	Finished Level	Finished Level	Finished Level	Finished Level	Finished Level	Finished Level
Location 4 :	-	-	-	-	-	-
Test Fraction (mm) :	< 19mm	< 19mm	< 19mm	< 19mm	< 19mm	< 19mm
Oversize Wet :	0%	0%	0%	0%	0%	0%
Oversize Density - Dry (t/m³) :	-	-	-	-	-	-
Assigned MDR (Yes/No) :	No	No	No	No	No	No
MDR Sample Number :	S/213305	S/213306	S/213307	S/213308	S/213309	S/213310
MDR Test Date :	31/08/2023	31/08/2023	31/08/2023	31/08/2023	31/08/2023	31/08/2023
Compaction Type :	Standard	Standard	Standard	Standard	Standard	Standard
Soil Description :	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay
MDR Test Results						
PCWD (t/m3) :	2.05	2.05	2.10	2.10	2.10	2.08
Moisture Variation :	4.0%	4.0%	0.5%	0.5%	0.5%	2.0%
ADJ PCWD (t/m3) :	-	-	-	-	-	-
ADJ Moisture Variation :	-	-	-	-	-	-
Moisture Test Results :						
Field Moisture Content :	11.5%	11.0%	11.5%	11.0%	11.5%	10.5%
Moisture Specification :	-	-	-	-	-	-
Variation from OMC :	**4.0% Dry of OMC**	**4.0% Dry of OMC**	**0.5% Dry of OMC**	**0.5% Dry of OMC**	**0.5% Dry of OMC**	**2.0% Dry of OMC**
Relative Moisture Ratio (Q250) :	-	-	-	-	-	-
Moisture Ratio :	N/A	N/A	N/A	N/A	N/A	N/A
Density Test Results						
Field Wet Density (t/m3) :	2.06	2.05	2.07	2.06	2.05	2.10
Density Specification :	95%	95%	95%	95%	95%	95%
Wet Density Ratio :	**100.0%**	**100.0%**	**98.5%**	**98.0%**	**98.0%**	**101.0%**

Remarks :	

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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 42/1**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**6/09/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**	**Page 1 of 1**	
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/212763	S/212764	S/212765	S/212766		
Date Tested :	15/08/2023	15/08/2023	15/08/2023	15/08/2023		
Material Source :	Onsite	Onsite	Onsite	Onsite		
For use as :	General Fill	General Fill	General Fill	General Fill		
Test / Layer Depths :	150 / 175	150 / 175	150 / 175	150 / 175		
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b		
Time :	10:00	10:30	11:00	11:30		
Lot Number :	-	-	-	-		
Location 1 :	E 486362	E 486304	E 486266	E 486289		
Location 2 :	N 6944280	N 6944284	N 6944291	N 6944372		
Location 3 :	Finished Level	Finished Level	Finished Level	Finished Level		
Location 4 :	-	-	-	-		
Test Fraction (mm) :	< 19mm	< 19mm	< 19mm	< 19mm		
Oversize Wet :	0%	0%	0%	0%		
Oversize Density - Dry (t/m³) :	-	-	-	-		
Assigned MDR (Yes/No) :	No	No	No	No		
MDR Sample Number :	S/212763	S/212764	S/212765	S/212766		
MDR Test Date :	6/09/2023	6/09/2023	6/09/2023	6/09/2023		
Compaction Type :	Standard	Standard	Standard	Standard		
Soil Description :	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay		
MDR Test Results						
PCWD (t/m3) :	2.05	2.06	2.06	2.06		
Moisture Variation :	2.5%	2.5%	2.5%	2.5%		
ADJ PCWD (t/m3) :	-	-	-	-		
ADJ Moisture Variation :	-	-	-	-		
Moisture Test Results :						
Field Moisture Content :	9.5%	9.0%	10.5%	10.5%		
Moisture Specification :	-	-	-	-		
Variation from OMC :	**2.5% Dry of OMC**	**2.5% Dry of OMC**	**2.5% Dry of OMC**	**2.5% Dry of OMC**		
Relative Moisture Ratio (Q250) :	-	-	-	-		
Moisture Ratio :	N/A	N/A	N/A	N/A		
Density Test Results						
Field Wet Density (t/m3) :	2.11	2.12	2.12	2.12		
Density Specification :	95%	95%	95%	95%		
Wet Density Ratio :	**102.5%**	**103.0%**	**102.5%**	**103.0%**		

Remarks :	

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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 43/1**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**8/09/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**	**Page 1 of 2**	
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/212991	S/212992	S/212993	S/212994	S/212995	S/212996
Date Tested :	16/08/2023	16/08/2023	16/08/2023	16/08/2023	16/08/2023	16/08/2023
Material Source :	Onsite	Onsite	Onsite	Onsite	Onsite	Onsite
For use as :	General Fill	General Fill	General Fill	General Fill	General Fill	General Fill
Test / Layer Depths :	150 / 175	150 / 175	150 / 175	150 / 175	150 / 175	150 / 175
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b
Time :	08:30	08:40	08:50	09:00	09:10	09:20
Lot Number :	-	-	-	-	-	-
Location 1 :	E 485896	E 485906	E 485897	E 485936	E 486022	E 486285
Location 2 :	N 6944105	N 6944175	N 6944149	N 6944100	N 6944141	N 6944361
Location 3 :	1m Below FL	0.7m Below FL	0.4m Below FL	0.5m Below FL	1m Below FL	Finished Level
Location 4 :	-	-	-	-	-	-
Test Fraction (mm) :	< 19mm	< 19mm	< 19mm	< 19mm	< 19mm	< 19mm
Oversize Wet :	0%	0%	0%	0%	0%	0%
Oversize Density - Dry (t/m³) :	-	-	-	-	-	-
Assigned MDR (Yes/No) :	No	No	No	No	No	No
MDR Sample Number :	S/212991	S/212992	S/212993	S/212994	S/212995	S/212996
MDR Test Date :	5/09/2023	5/09/2023	5/09/2023	5/09/2023	5/09/2023	5/09/2023
Compaction Type :	Standard	Standard	Standard	Standard	Standard	Standard
Soil Description :	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay
MDR Test Results						
PCWD (t/m3) :	2.19	2.09	2.16	2.21	2.09	2.16
Moisture Variation :	3.5%	2.5%	3.5%	2.5%	4.0%	3.5%
ADJ PCWD (t/m3) :	-	-	-	-	-	-
ADJ Moisture Variation :	-	-	-	-	-	-
Moisture Test Results :						
Field Moisture Content :	13.0%	15.0%	13.5%	13.5%	13.5%	14.0%
Moisture Specification :	-	-	-	-	-	-
Variation from OMC :	**3.5% Dry of OMC**	**2.5% Dry of OMC**	**3.5% Dry of OMC**	**2.5% Dry of OMC**	**4.0% Dry of OMC**	**3.5% Dry of OMC**
Relative Moisture Ratio (Q250) :	-	-	-	-	-	-
Moisture Ratio :	N/A	N/A	N/A	N/A	N/A	N/A
Density Test Results						
Field Wet Density (t/m3) :	2.08	2.06	2.09	2.10	2.07	2.10
Density Specification :	95%	95%	95%	95%	95%	95%
Wet Density Ratio :	**95.0%**	**98.5%**	**96.5%**	**95.0%**	**98.5%**	**97.0%**

Remarks :	

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Base Laboratory Site Number - 2844 - Darra

Base Laboratory Address - 1/35 Limestone Street, Darra, QLD 4076

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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 44/1**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**8/09/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**	**Page 2 of 2**	
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/212997	S/212998	S/212999	S/213000		
Date Tested :	16/08/2023	16/08/2023	16/08/2023	16/08/2023		
Material Source :	Onsite	Onsite	Onsite	Onsite		
For use as :	General Fill	General Fill	General Fill	General Fill		
Test / Layer Depths :	150 / 175	150 / 175	150 / 175	150 / 175		
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b		
Time :	09:30	09:40	09:50	10:00		
Lot Number :	-	-	-	-		
Location 1 :	E 486222	E 486380	E 486398	E 486447		
Location 2 :	N 6944302	N 6944307	N 6944277	N 6944268		
Location 3 :	Finished Level	Finished Level	Finished Level	Finished Level		
Location 4 :	-	-	-	-		
Test Fraction (mm) :	< 19mm	< 19mm	< 19mm	< 19mm		
Oversize Wet :	0%	0%	0%	0%		
Oversize Density - Dry (t/m³) :	-	-	-	-		
Assigned MDR (Yes/No) :	No	No	No	No		
MDR Sample Number :	S/212997	S/212998	S/212999	S/213000		
MDR Test Date :	6/09/2023	6/09/2023	6/09/2023	6/09/2023		
Compaction Type :	Standard	Standard	Standard	Standard		
Soil Description :	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Gravel		
MDR Test Results						
PCWD (t/m3) :	2.07	2.07	2.07	2.10		
Moisture Variation :	4.0%	4.0%	4.0%	4.0%		
ADJ PCWD (t/m3) :	-	-	-	-		
ADJ Moisture Variation :	-	-	-	-		
Moisture Test Results :						
Field Moisture Content :	10.0%	12.0%	13.0%	11.5%		
Moisture Specification :	-	-	-	-		
Variation from OMC :	**4.0% Dry of OMC**	**4.0% Dry of OMC**	**4.0% Dry of OMC**	**4.0% Dry of OMC**		
Relative Moisture Ratio (Q250) :	-	-	-	-		
Moisture Ratio :	N/A	N/A	N/A	N/A		
Density Test Results						
Field Wet Density (t/m3) :	2.07	2.05	2.05	2.11		
Density Specification :	95%	95%	95%	95%		
Wet Density Ratio :	**100.0%**	**99.0%**	**99.0%**	**100.5%**		

Remarks :	

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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 45/1**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**11/09/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**		
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/213175	S/213176	S/213177	S/213178		
Date Tested :	17/08/2023	17/08/2023	17/08/2023	17/08/2023		
Material Source :	Onsite	Onsite	Onsite	Onsite		
For use as :	General Fill	General Fill	General Fill	General Fill		
Test / Layer Depths :	150 / 175	150 / 175	150 / 175	150 / 175		
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b		
Time :	12:00	12:10	12:20	12:30		
Lot Number :	-	-	-	-		
Location 1 :	E 485952	E 485916	E 486245	E 486018		
Location 2 :	N 6944144	N 6944090	N 6944282	N 6944124		
Location 3 :	Finished Level	Finished Level	Finished Level	Finished Level		
Location 4 :	-	-	-	-		
Test Fraction (mm) :	< 19mm	< 19mm	< 19mm	< 19mm		
Oversize Wet :	0%	0%	0%	0%		
Oversize Density - Dry (t/m³) :	-	-	-	-		
Assigned MDR (Yes/No) :	No	No	No	No		
MDR Sample Number :	S/213175	S/213176	S/213177	S/213178		
MDR Test Date :	7/09/2023	7/09/2023	7/09/2023	7/09/2023		
Compaction Type :	Standard	Standard	Standard	Standard		
Soil Description :	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay		
MDR Test Results						
PCWD (t/m3) :	2.03	2.03	2.04	2.16		
Moisture Variation :	2.5%	2.5%	2.0%	2.5%		
ADJ PCWD (t/m3) :	-	-	-	-		
ADJ Moisture Variation :	-	-	-	-		
Moisture Test Results :						
Field Moisture Content :	13.0%	13.0%	10.0%	14.5%		
Moisture Specification :	-	-	-	-		
Variation from OMC :	**2.5% Dry of OMC**	**2.5% Dry of OMC**	**2.0% Dry of OMC**	**2.5% Dry of OMC**		
Relative Moisture Ratio (Q250) :	-	-	-	-		
Moisture Ratio :	N/A	N/A	N/A	N/A		
Density Test Results						
Field Wet Density (t/m3) :	2.08	2.03	2.07	2.09		
Density Specification :	95%	95%	95%	95%		
Wet Density Ratio :	**102.0%**	**100.0%**	**101.5%**	**96.5%**		

Remarks :	

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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 47/1**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**15/09/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**	**Page 1 of 1**	
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/214763	S/214764	S/214765	S/214766	S/214767	S/214768
Date Tested :	25/08/2023	25/08/2023	25/08/2023	25/08/2023	25/08/2023	25/08/2023
Material Source :	Onsite	Onsite	Onsite	Onsite	Onsite	Onsite
For use as :	General Fill	General Fill	General Fill	General Fill	General Fill	General Fill
Test / Layer Depths :	150 / 175	150 / 175	150 / 175	150 / 175	150 / 175	150 / 175
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b
Time :	11:40	11:50	12:00	12:10	12:20	12:30
Lot Number :	-	-	-	-	-	-
Location 1 :	E 486000	E 486017	E 486039	E 486044	E 486042	E 485937
Location 2 :	N 6944312	N 6944309	N 6944296	N 6944281	N 6944265	N 6944144
Location 3 :	Finished Level	Finished Level	Finished Level	Finished Level	Finished Level	0.3m Below FL
Location 4 :	-	-	-	-	-	-
Test Fraction (mm) :	< 19mm	< 19mm	< 19mm	< 19mm	< 19mm	< 19mm
Oversize Wet :	0%	0%	0%	0%	0%	0%
Oversize Density - Dry (t/m³) :	-	-	-	-	-	-
Assigned MDR (Yes/No) :	No	No	No	No	No	No
MDR Sample Number :	S/214763	S/214764	S/214765	S/214766	S/214767	S/214768
MDR Test Date :	14/09/2023	14/09/2023	14/09/2023	14/09/2023	14/09/2023	14/09/2023
Compaction Type :	Standard	Standard	Standard	Standard	Standard	Standard
Soil Description :	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay
MDR Test Results						
PCWD (t/m3) :	2.10	2.08	2.16	2.08	2.08	2.08
Moisture Variation :	2.0%	2.0%	0.5%	2.5%	2.0%	2.0%
ADJ PCWD (t/m3) :	-	-	-	-	-	-
ADJ Moisture Variation :	-	-	-	-	-	-
Moisture Test Results :						
Field Moisture Content :	7.5%	10.0%	8.0%	8.0%	9.0%	10.0%
Moisture Specification :	-	-	-	-	-	-
Variation from OMC :	**2.0% Dry of OMC**	**2.0% Dry of OMC**	**0.5% Dry of OMC**	**2.5% Dry of OMC**	**2.0% Dry of OMC**	**2.0% Dry of OMC**
Relative Moisture Ratio (Q250) :	-	-	-	-	-	-
Moisture Ratio :	N/A	N/A	N/A	N/A	N/A	N/A
Density Test Results						
Field Wet Density (t/m3) :	2.07	2.09	2.07	2.08	2.05	2.10
Density Specification :	95%	95%	95%	95%	95%	95%
Wet Density Ratio :	**98.5%**	**100.5%**	**96.0%**	**100.0%**	**99.0%**	**101.0%**

Remarks :	

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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 48/1**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**15/09/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**	**Page 1 of 1**	
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/214769	S/214770				
Date Tested :	25/08/2023	25/08/2023				
Material Source :	Onsite	Onsite				
For use as :	General Fill	General Fill				
Test / Layer Depths :	150 / 175	150 / 175				
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b				
Time :	12:40	12:50				
Lot Number :	-	-				
Location 1 :	E 485960	E 486053				
Location 2 :	N 6944096	N 6944149				
Location 3 :	0.3m Below FL	Finished Level				
Location 4 :	-	-				
Test Fraction (mm) :	< 19mm	< 19mm				
Oversize Wet :	0%	0%				
Oversize Density - Dry (t/m³) :	-	-				
Assigned MDR (Yes/No) :	No	No				
MDR Sample Number :	S/214769	S/214770				
MDR Test Date :	14/09/2023	14/09/2023				
Compaction Type :	Standard	Standard				
Soil Description :	Sandy Clay	Sandy Clay				
MDR Test Results						
PCWD (t/m3) :	2.08	2.09				
Moisture Variation :	2.5%	0.0%				
ADJ PCWD (t/m3) :	-	-				
ADJ Moisture Variation :	-	-				
Moisture Test Results :						
Field Moisture Content :	8.5%	9.5%				
Moisture Specification :	-	-				
Variation from OMC :	**2.5% Dry of OMC**	**At OMC**				
Relative Moisture Ratio (Q250) :	-	-				
Moisture Ratio :	N/A	N/A				
Density Test Results						
Field Wet Density (t/m3) :	2.05	2.07				
Density Specification :	95%	95%				
Wet Density Ratio :	**98.5%**	**98.5%**				

Remarks :	

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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 51/2**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**21/09/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**	**Page 1 of 1**	
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/216423	S/216431	S/216432	S/216433	S/216434	S/216435
Date Tested :	4/09/2023	4/09/2023	4/09/2023	4/09/2023	4/09/2023	4/09/2023
Material Source :	Onsite	Onsite	Onsite	Onsite	Onsite	Onsite
For use as :	General Fill	General Fill	General Fill	General Fill	General Fill	General Fill
Test / Layer Depths :	150 / 175	150 / 175	150 / 175	150 / 175	150 / 175	150 / 175
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b
Time :	09:00	09:10	09:20	09:30	09:40	09:50
Lot Number :	-	-	-	-	-	-
Location 1 :	E 485891	E 485952	E 485981	E 486084	E 486201	E 485918
Location 2 :	N 6944123	N 6944163	N 6944101	N 6944168	N 6944238	N 6944170
Location 3 :	Finished Level	0.4m Below FL	Finished Level	Finished Level	0.5m Below FL	Finished Level
Location 4 :	-	-	-	-	-	-
Test Fraction (mm) :	< 19mm	< 19mm	< 19mm	< 19mm	< 19mm	< 19mm
Oversize Wet :	0%	0%	0%	0%	0%	0%
Oversize Density - Dry (t/m³) :	-	-	-	-	-	-
Assigned MDR (Yes/No) :	No	No	No	No	No	No
MDR Sample Number :	S/216423	S/216431	S/216432	S/216433	S/216434	S/216435
MDR Test Date :	19/09/2023	19/09/2023	19/09/2023	19/09/2023	19/09/2023	19/09/2023
Compaction Type :	Standard	Standard	Standard	Standard	Standard	Standard
Soil Description :	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay
MDR Test Results						
PCWD (t/m3) :	1.98	1.98	2.01	2.01	2.03	2.03
Moisture Variation :	5.0%	5.0%	5.0%	5.0%	5.0%	4.5%
ADJ PCWD (t/m3) :	-	-	-	-	-	-
ADJ Moisture Variation :	-	-	-	-	-	-
Moisture Test Results :						
Field Moisture Content :	7.5%	7.5%	10.5%	11.5%	11.0%	7.0%
Moisture Specification :	-	-	-	-	-	-
Variation from OMC :	**5.0% Dry of OMC**	**5.0% Dry of OMC**	**5.0% Dry of OMC**	**5.0% Dry of OMC**	**5.0% Dry of OMC**	**4.5% Dry of OMC**
Relative Moisture Ratio (Q250) :	-	-	-	-	-	-
Moisture Ratio :	N/A	N/A	N/A	N/A	N/A	N/A
Density Test Results						
Field Wet Density (t/m3) :	2.00	2.00	2.04	2.03	2.06	1.99
Density Specification :	95%	95%	95%	95%	95%	95%
Wet Density Ratio :	**101.0%**	**100.5%**	**101.5%**	**101.0%**	**101.5%**	**98.0%**

Remarks :	

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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 52/1**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**21/09/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**	**Page 1 of 1**	
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/216436	S/216437	S/216438	S/216439		
Date Tested :	4/09/2023	4/09/2023	4/09/2023	4/09/2023		
Material Source :	Onsite	Onsite	Onsite	Onsite		
For use as :	General Fill	General Fill	General Fill	General Fill		
Test / Layer Depths :	150 / 175	150 / 175	150 / 175	150 / 175		
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b		
Time :	10:00	10:10	10:20	10:30		
Lot Number :	-	-	-	-		
Location 1 :	E 485988	E 486001	E 486004	E 485947		
Location 2 :	N 6944164	N 6944142	N 6944113	N 6944090		
Location 3 :	Finished Level	0.3m Below FL	Finished Level	Finished Level		
Location 4 :	-	-	-	-		
Test Fraction (mm) :	< 19mm	< 19mm	< 19mm	< 19mm		
Oversize Wet :	0%	0%	0%	0%		
Oversize Density - Dry (t/m³) :	-	-	-	-		
Assigned MDR (Yes/No) :	No	No	No	No		
MDR Sample Number :	S/216436	S/216437	S/216438	S/216439		
MDR Test Date :	19/09/2023	19/09/2023	19/09/2023	19/09/2023		
Compaction Type :	Standard	Standard	Standard	Standard		
Soil Description :	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay		
MDR Test Results						
PCWD (t/m3) :	2.06	2.11	2.04	2.11		
Moisture Variation :	4.5%	4.5%	5.0%	4.5%		
ADJ PCWD (t/m3) :	-	-	-	-		
ADJ Moisture Variation :	-	-	-	-		
Moisture Test Results :						
Field Moisture Content :	4.5%	5.0%	4.5%	5.0%		
Moisture Specification :	-	-	-	-		
Variation from OMC :	**4.5% Dry of OMC**	**4.5% Dry of OMC**	**5.0% Dry of OMC**	**4.5% Dry of OMC**		
Relative Moisture Ratio (Q250) :	-	-	-	-		
Moisture Ratio :	N/A	N/A	N/A	N/A		
Density Test Results						
Field Wet Density (t/m3) :	2.09	2.15	2.06	2.12		
Density Specification :	95%	95%	95%	95%		
Wet Density Ratio :	**101.5%**	**102.0%**	**101.0%**	**100.5%**		

Remarks :	

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Base Laboratory Site Number - 2844 - Darra

Base Laboratory Address - 1/35 Limestone Street, Darra, QLD 4076

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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 56/1**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**3/10/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**	**Page 1 of 1**	
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/218884	S/218885	S/218886	S/218887	S/218888	S/218889
Date Tested :	15/09/2023	15/09/2023	15/09/2023	15/09/2023	15/09/2023	15/09/2023
Material Source :	Onsite	Onsite	Onsite	Onsite	Onsite	Onsite
For use as :	General fill	General fill	General fill	General fill	General fill	General fill
Test / Layer Depths :	150 / 175	150 / 175	150 / 175	150 / 175	150 / 175	150 / 175
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b
Time :	11:00	11:05	11:10	11:15	11:20	11:25
Lot Number :	-	-	-	-	-	-
Location 1 :	E 485896	E 485935	E 486002	E 486043	E 486077	E 486125
Location 2 :	N 6944085	N 6944084	N 6944101	N 6944139	N 6944156	N 6944185
Location 3 :	Finished Level	Finished Level	Finished Level	Finished Level	Finished Level	Finished Level
Location 4 :	-	-	-	-	-	-
Test Fraction (mm) :	< 19mm	< 19mm	< 19mm	< 19mm	< 19mm	< 19mm
Oversize Wet :	0%	0%	0%	0%	0%	0%
Oversize Density - Dry (t/m³) :	-	-	-	-	-	-
Assigned MDR (Yes/No) :	No	No	No	No	No	No
MDR Sample Number :	S/218884	S/218885	S/218886	S/218887	S/218888	S/218889
MDR Test Date :	28/09/2023	28/09/2023	28/09/2023	28/09/2023	28/09/2023	28/09/2023
Compaction Type :	Standard	Standard	Standard	Standard	Standard	Standard
Soil Description :	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay	Sandy Clay
MDR Test Results						
PCWD (t/m3) :	2.03	2.05	2.03	2.03	2.05	2.04
Moisture Variation :	4.0%	2.0%	4.0%	4.0%	1.5%	2.0%
ADJ PCWD (t/m3) :	-	-	-	-	-	-
ADJ Moisture Variation :	-	-	-	-	-	-
Moisture Test Results :						
Field Moisture Content :	9.0%	9.0%	10.0%	8.5%	8.5%	8.0%
Moisture Specification :	-	-	-	-	-	-
Variation from OMC :	**4.0% Dry of OMC**	**2.0% Dry of OMC**	**4.0% Dry of OMC**	**4.0% Dry of OMC**	**1.5% Dry of OMC**	**2.0% Dry of OMC**
Relative Moisture Ratio (Q250) :	-	-	-	-	-	-
Moisture Ratio :	N/A	N/A	N/A	N/A	N/A	N/A
Density Test Results						
Field Wet Density (t/m3) :	1.94	1.95	1.93	1.93	1.98	1.97
Density Specification :	95%	95%	95%	95%	95%	95%
Wet Density Ratio :	**95.5%**	**95.0%**	**95.5%**	**95.0%**	**96.5%**	**96.5%**

Remarks :	

NATA
WORLD RECOGNISED ACCREDITATION

Accredited for Compliance with ISO/ IEC 17025 - Testing
Protest Engineering (Darra) Accreditation Number - 2851
Base Laboratory Site Number - 2844 - Darra

Base Laboratory Address - 1/35 Limestone Street, Darra, QLD 4076

APPROVED SIGNATORY

Rhys Vanderkly - Signatory

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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 57/1**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**3/10/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**	**Page 1 of 1**	
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/218896	S/218897	S/218898	S/218899	S/218900	S/218901
Date Tested :	15/09/2023	15/09/2023	15/09/2023	15/09/2023	15/09/2023	15/09/2023
Material Source :	Onsite	Onsite	Onsite	Onsite	Onsite	Onsite
For use as :	General fill	General fill	General fill	General fill	General fill	General fill
Test / Layer Depths :	150 / 175	150 / 175	150 / 175	150 / 175	150 / 175	150 / 175
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b
Time :	12:00	12:05	12:10	12:15	12:20	12:25
Lot Number :	-	-	-	-	-	-
Location 1 :	E 485914	E 485921	E 486000	E 486036	E 486110	E 486152
Location 2 :	N 6944160	N 6944109	N 6944130	N 6944125	N 6944171	N 6944197
Location 3 :	Finished Level	Finished Level	Finished Level	Finished Level	Finished Level	Finished Level
Location 4 :	-	-	-	-	-	-
Test Fraction (mm) :	< 19mm	< 19mm	< 19mm	< 19mm	< 19mm	< 19mm
Oversize Wet :	0%	0%	0%	0%	0%	0%
Oversize Density - Dry (t/m³) :	-	-	-	-	-	-
Assigned MDR (Yes/No) :	No	No	No	No	No	No
MDR Sample Number :	S/218896	S/218897	S/218898	S/218899	S/218900	S/218901
MDR Test Date :	28/09/2023	28/09/2023	28/09/2023	28/09/2023	28/09/2023	28/09/2023
Compaction Type :	Standard	Standard	Standard	Standard	Standard	Standard
Soil Description :	Sandy Gravel	Sandy Gravel	Sandy Gravel	Sandy Gravel	Sandy Gravel	Sandy Gravel
MDR Test Results						
PCWD (t/m3) :	2.09	2.05	2.10	2.07	2.09	2.07
Moisture Variation :	2.5%	4.5%	4.0%	2.0%	4.0%	4.0%
ADJ PCWD (t/m3) :	-	-	-	-	-	-
ADJ Moisture Variation :	-	-	-	-	-	-
Moisture Test Results :						
Field Moisture Content :	6.0%	6.5%	7.0%	6.0%	6.0%	6.0%
Moisture Specification :	-	-	-	-	-	-
Variation from OMC :	**2.5% Dry of OMC**	**4.5% Dry of OMC**	**4.0% Dry of OMC**	**2.0% Dry of OMC**	**4.0% Dry of OMC**	**4.0% Dry of OMC**
Relative Moisture Ratio (Q250) :	-	-	-	-	-	-
Moisture Ratio :	N/A	N/A	N/A	N/A	N/A	N/A
Density Test Results						
Field Wet Density (t/m3) :	2.06	2.05	2.17	2.15	2.16	2.13
Density Specification :	95%	95%	95%	95%	95%	95%
Wet Density Ratio :	**98.5%**	**100.0%**	**103.0%**	**104.0%**	**103.5%**	**103.0%**

Remarks :	

NATA WORLD RECOGNISED ACCREDITATION

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Protest Engineering (Darra) Accreditation Number - 2851
Base Laboratory Site Number - 2844 - Darra

Base Laboratory Address - 1/35 Limestone Street, Darra, QLD 4076

APPROVED SIGNATORY

Rhys Vanderkly - Signatory

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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 58/1**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**3/10/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**	**Page 1 of 1**	
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/218902	S/218903				
Date Tested :	15/09/2023	15/09/2023				
Material Source :	Onsite	Onsite				
For use as :	General fill	General fill				
Test / Layer Depths :	150 / 175	150 / 175				
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b				
Time :	12:30	12:35				
Lot Number :	-	-				
Location 1 :	E 486408	E 486184				
Location 2 :	N 6944316	N 6944216				
Location 3 :	Finished Level	Finished Level				
Location 4 :	-	-				
Test Fraction (mm) :	< 19mm	< 19mm				
Oversize Wet :	0%	0%				
Oversize Density - Dry (t/m³) :	-	-				
Assigned MDR (Yes/No) :	No	No				
MDR Sample Number :	S/218902	S/218903				
MDR Test Date :	28/09/2023	28/09/2023				
Compaction Type :	Standard	Standard				
Soil Description :	Sandy Clay	Sandy Gravel				
MDR Test Results						
PCWD (t/m3) :	2.12	2.09				
Moisture Variation :	2.0%	2.0%				
ADJ PCWD (t/m3) :	-	-				
ADJ Moisture Variation :	-	-				
Moisture Test Results :						
Field Moisture Content :	5.5%	5.5%				
Moisture Specification :	-	-				
Variation from OMC :	**2.0% Dry of OMC**	**2.0% Dry of OMC**				
Relative Moisture Ratio (Q250) :	-	-				
Moisture Ratio :	N/A	N/A				
Density Test Results						
Field Wet Density (t/m3) :	2.14	2.15				
Density Specification :	95%	95%				
Wet Density Ratio :	**101.0%**	**103.0%**				

Remarks :	

NATA WORLD RECOGNISED ACCREDITATION

Accredited for Compliance with ISO/ IEC 17025 - Testing
Protest Engineering (Darra) Accreditation Number - 2851
Base Laboratory Site Number - 2844 - Darra

Base Laboratory Address - 1/35 Limestone Street, Darra, QLD 4076

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Rhys Vanderkly - Signatory

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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 68/1**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**19/10/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**	**Page 1 of 1**	
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/213169	S/213170	S/213171	S/213172	S/213173	S/213174
Date Tested :	17/08/2023	17/08/2023	17/08/2023	17/08/2023	17/08/2023	17/08/2023
Material Source :	Onsite	Onsite	Onsite	Onsite	Onsite	Onsite
For use as :	General Fill	General Fill	General Fill	General Fill	General Fill	General Fill
Test / Layer Depths :	150 / 175	150 / 175	150 / 175	150 / 175	150 / 175	150 / 175
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b
Time :	11:00	11:10	11:20	11:30	11:40	11:50
Lot Number :	-	-	-	-	-	-
Location 1 :	E 486280	E 486236	E 486283	E 486098	E 486127	E 486163
Location 2 :	N 6944349	N 6944365	N 6944270	N 6944184	N 6944203	N 6944224
Location 3 :	Finished Level	Finished Level	Finished Level	Finished Level	Finished Level	Finished Level
Location 4 :	-	-	-	-	-	-
Test Fraction (mm) :	< 19mm	< 19mm	< 19mm	< 19mm	< 19mm	< 19mm
Oversize Wet :	0%	0%	0%	0%	0%	0%
Oversize Density - Dry (t/m³) :	-	-	-	-	-	-
Assigned MDR (Yes/No) :	No	No	No	No	No	No
MDR Sample Number :	S/213169	S/213170	S/213171	S/213172	S/213173	S/213174
MDR Test Date :	31/08/2023	31/08/2023	31/08/2023	31/08/2023	31/08/2023	31/08/2023
Compaction Type :	Standard	Standard	Standard	Standard	Standard	Standard
Soil Description :	Sandy Gravel	Sandy Gravel	Sandy Gravel	Sandy Gravel	Sandy Gravel	Sandy Gravel
MDR Test Results						
PCWD (t/m3) :	2.05	1.99	1.99	1.99	1.95	1.96
Moisture Variation :	3.0%	4.0%	4.0%	4.5%	4.0%	4.0%
ADJ PCWD (t/m3) :	-	-	-	-	-	-
ADJ Moisture Variation :	-	-	-	-	-	-
Moisture Test Results :						
Field Moisture Content :	10.0%	12.5%	10.0%	11.5%	13.5%	10.0%
Moisture Specification :	-	-	-	-	-	-
Variation from OMC :	**3.0% Dry of OMC**	**4.0% Dry of OMC**	**4.0% Dry of OMC**	**4.5% Dry of OMC**	**4.0% Dry of OMC**	**4.0% Dry of OMC**
Relative Moisture Ratio (Q250) :	-	-	-	-	-	-
Moisture Ratio :	N/A	N/A	N/A	N/A	N/A	N/A
Density Test Results						
Field Wet Density (t/m3) :	2.07	2.09	2.08	2.08	2.06	2.04
Density Specification :	95%	95%	95%	95%	95%	95%
Wet Density Ratio :	**100.5%**	**105.0%**	**104.5%**	**105.0%**	**105.0%**	**104.0%**

Remarks :	

NATA
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Protest Engineering (Darra) Accreditation Number - 2851
Base Laboratory Site Number - 2844 - Darra

Base Laboratory Address - 1/35 Limestone Street, Darra, QLD 4076

APPROVED SIGNATORY

Rhys Vanderkly - Signatory

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Soil Compaction and Density Tests Report - Compaction Control

Client :	**Shadforths**	Report Number :	**SR/PTP/12297 - 70/1**
Client Address :	**99 Sandalwood Lane, Forest Glen, 4556, QLD**	Report Date :	**20/10/2023**
Project Name :	**Woodlinks Village Stage 20 - LV1**	Test Request :	-
Project Number :	**PTP/12297**	**Page 1 of 1**	
Location :	**Collingwood Park**		

Test Methods :	**AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,**

Sample Number :	S/218890	S/218891	S/218892	S/218893	S/218894	S/218895
Date Tested :	15/09/2023	15/09/2023	15/09/2023	15/09/2023	15/09/2023	15/09/2023
Material Source :	Onsite	Onsite	Onsite	Onsite	Onsite	Onsite
For use as :	General fill	General fill	General fill	General fill	General fill	General fill
Test / Layer Depths :	150 / 175	150 / 175	150 / 175	150 / 175	150 / 175	150 / 175
Sampling Method :	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b	AS1289.1.2.1 - cl6.4b
Time :	11:30	11:35	11:40	11:45	11:50	11:55
Lot Number :	-	-	-	-	-	-
Location 1 :	E 486160	E 486191	E 486231	E 486313	E 486375	E 485984
Location 2 :	N 6944207	N 6944224	N 6944270	N 6944267	N 6944260	N 6944149
Location 3 :	Finished Level	Finished Level	Finished Level	Finished Level	Finished Level	Finished Level
Location 4 :	-	-	-	-	-	-
Test Fraction (mm) :	< 19mm	< 19mm	< 19mm	< 19mm	< 19mm	< 19mm
Oversize Wet :	0%	0%	0%	0%	0%	0%
Oversize Density - Dry (t/m³) :	-	-	-	-	-	-
Assigned MDR (Yes/No) :	No	No	No	No	No	No
MDR Sample Number :	S/218890	S/218891	S/218892	S/218893	S/218894	S/218895
MDR Test Date :	28/09/2023	28/09/2023	28/09/2023	28/09/2023	28/09/2023	28/09/2023
Compaction Type :	Standard	Standard	Standard	Standard	Standard	Standard
Soil Description :	Sandy Clay	Dry Clay	Dry Clay	Dry Clay	Sandy Clay	Dry Clay
MDR Test Results						
PCWD (t/m3) :	1.96	1.94	2.07	2.09	2.06	2.11
Moisture Variation :	2.5%	3.0%	2.5%	2.0%	2.5%	2.5%
ADJ PCWD (t/m3) :	-	-	-	-	-	-
ADJ Moisture Variation :	-	-	-	-	-	-
Moisture Test Results :						
Field Moisture Content :	8.0%	9.5%	6.5%	6.5%	7.0%	6.5%
Moisture Specification :	-	-	-	-	-	-
Variation from OMC :	**2.5% Dry of OMC**	**3.0% Dry of OMC**	**2.5% Dry of OMC**	**2.0% Dry of OMC**	**2.5% Dry of OMC**	**2.5% Dry of OMC**
Relative Moisture Ratio (Q250) :	-	-	-	-	-	-
Moisture Ratio :	N/A	N/A	N/A	N/A	N/A	N/A
Density Test Results						
Field Wet Density (t/m3) :	1.97	1.97	2.13	2.10	2.07	2.09
Density Specification :	95%	95%	95%	95%	95%	95%
Wet Density Ratio :	**100.5%**	**101.0%**	**102.5%**	**100.0%**	**101.0%**	**99.0%**

Remarks :	

NATA
WORLD RECOGNISED ACCREDITATION

Accredited for Compliance with ISO/ IEC 17025 - Testing
Protest Engineering (Darra) Accreditation Number - 2851
Base Laboratory Site Number - 2844 - Darra

Base Laboratory Address - 1/35 Limestone Street, Darra, QLD 4076

APPROVED SIGNATORY

Rhys Vanderkly - Signatory

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Gold Coast Office
PTP/12297
Ref No: 0003 – Rev0

18 December 2023

Shadforth Civil
99 Sandalwood Lane, Forest Glen, QLD 4556

Lot 597
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 597 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 597 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 597 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

Gary Taylor
Project Coordinator
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e | gary.taylor@protestengineering.com

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Gold Coast Office
PTP/12297
Ref No: 0003 – Rev0

18 December 2023

Shadforth Civil
99 Sandalwood Lane, Forest Glen, QLD 4556

Lot 598
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 598 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 598 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 598 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

Gary Taylor
Project Coordinator
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e | gary.taylor@protestengineering.com

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Gold Coast Office
PTP/12297
Ref No: 0003 – Rev0

18 December 2023

Shadforth Civil
99 Sandalwood Lane, Forest Glen, QLD 4556

Lot 599
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 599 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 599 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 599 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

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Ref No: 0003 – Rev0

18 December 2023

Shadforth Civil
99 Sandalwood Lane, Forest Glen, QLD 4556

Lot 600
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 600 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 600 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 600 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

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18 December 2023

Shadforth Civil
99 Sandalwood Lane, Forest Glen, QLD 4556

Lot 601
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 601 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 601 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 601 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

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18 December 2023

Shadforth Civil
99 Sandalwood Lane, Forest Glen, QLD 4556

Lot 602
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 602 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 602 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 602 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

Gary Taylor
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Shadforth Civil
99 Sandalwood Lane, Forest Glen, QLD 4556

Lot 603
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 603 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 603 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 603 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

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Lot 604
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 604 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 604 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 604 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

Gary Taylor
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Shadforth Civil
99 Sandalwood Lane, Forest Glen, QLD 4556

Lot 605
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 605 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 605 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 605 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

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Project Coordinator
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18 December 2023

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Lot 606
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 606 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 606 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 606 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

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Project Coordinator
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18 December 2023

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Lot 607
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 607 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 607 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 607 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

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18 December 2023

Shadforth Civil
99 Sandalwood Lane, Forest Glen, QLD 4556

Lot 608
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 608 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 608 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 608 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

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Project Coordinator
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Lot 609
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 609 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 609 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 609 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

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Shadforth Civil
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Lot 610
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 610 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 610 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 610 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

Gary Taylor
Project Coordinator
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18 December 2023

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99 Sandalwood Lane, Forest Glen, QLD 4556

Lot 611
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 611 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 611 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 611 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

Gary Taylor
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Lot 612
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 612 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 612 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 612 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

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Lot 613
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 613 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 613 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 613 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

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Lot 614
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 614 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 614 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 614 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

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Lot 615
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 615 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 615 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 615 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
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Reviewed By:

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Lot 616
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 616 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 616 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 616 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

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Project Coordinator
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Lot 617
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 617 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 617 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 617 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

Gary Taylor
Project Coordinator
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Shadforth Civil
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Lot 618
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 618 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 618 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 618 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
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Reviewed By:

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Lot 619
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 619 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 619 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 619 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

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Lot 620
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 620 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 620 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 620 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

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18 December 2023

Shadforth Civil
99 Sandalwood Lane, Forest Glen, QLD 4556

Lot 621
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 621 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 621 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 621 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

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Lot 622
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 622 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 622 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 622 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

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Lot 623
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 623 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 623 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 623 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

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Shadforth Civil
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Lot 624
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 624 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 624 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 624 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

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Lot 625
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 625 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 625 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 625 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

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18 December 2023

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Lot 626
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 626 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 626 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 626 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

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Project Coordinator
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18 December 2023

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Lot 627
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 627 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 627 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 627 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

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18 December 2023

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Lot 628
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 628 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 628 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 628 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

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Ref No: 0003 – Rev0

18 December 2023

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Lot 629
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 629 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 629 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 629 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

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Lot 630
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 630 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 630 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 630 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

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Lot 631
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 631 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 631 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 631 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

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Project Coordinator
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18 December 2023

Shadforth Civil
99 Sandalwood Lane, Forest Glen, QLD 4556

Lot 632
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 632 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 632 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 632 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

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Shadforth Civil
99 Sandalwood Lane, Forest Glen, QLD 4556

Lot 633
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 633 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 633 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 633 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

Gary Taylor
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18 December 2023

Shadforth Civil
99 Sandalwood Lane, Forest Glen, QLD 4556

Lot 634
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 634 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 634 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 634 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

Gary Taylor
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99 Sandalwood Lane, Forest Glen, QLD 4556

Lot 635
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 635 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 635 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 635 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

Gary Taylor
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Lot 636
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 636 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 636 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 636 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

Gary Taylor
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Shadforth Civil
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Lot 637
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 637 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 637 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 637 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

Gary Taylor
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18 December 2023

Shadforth Civil
99 Sandalwood Lane, Forest Glen, QLD 4556

Lot 638
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 638 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 638 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 638 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

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Shadforth Civil
99 Sandalwood Lane, Forest Glen, QLD 4556

Lot 639
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 639 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 639 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 639 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

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Shadforth Civil
99 Sandalwood Lane, Forest Glen, QLD 4556

Lot 640
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 640 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 640 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 640 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

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Project Coordinator
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Lot 641
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 641 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 641 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 641 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
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Ref No: 0003 – Rev0

18 December 2023

Shadforth Civil
99 Sandalwood Lane, Forest Glen, QLD 4556

Lot 642
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 642 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Brisbane City Council Specifications.
- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 642 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 642 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

Gary Taylor
Project Coordinator
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18 December 2023

Shadforth Civil
99 Sandalwood Lane, Forest Glen, QLD 4556

Lot 643
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 643 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
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Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 643 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 643 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

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Shadforth Civil
99 Sandalwood Lane, Forest Glen, QLD 4556

Lot 644
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 644 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

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Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 644 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 644 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

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Lot 645
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 645 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

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Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 645 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 645 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

Gary Taylor
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Shadforth Civil
99 Sandalwood Lane, Forest Glen, QLD 4556

Lot 646
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 646 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

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- Brisbane City Council Specifications.
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Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 646 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 646 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

Gary Taylor
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Lot 647
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 647 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

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- Notes on Colliers Engineering and Design Earthworks Drawings.

Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 647 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 647 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

Gary Taylor
Project Coordinator
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18 December 2023

Shadforth Civil
99 Sandalwood Lane, Forest Glen, QLD 4556

Lot 648
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 648 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

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Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 648 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 648 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

Gary Taylor
Project Coordinator
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18 December 2023

Shadforth Civil
99 Sandalwood Lane, Forest Glen, QLD 4556

Lot 649
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 649 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – "Guidelines on Earthworks for Commercial and Residential Developments"
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Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 649 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 649 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

Reviewed By:

Gary Taylor
Project Coordinator
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18 December 2023

Shadforth Civil
99 Sandalwood Lane, Forest Glen, QLD 4556

Lot 650
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 650 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Protest Level One Compliance Report Ref: PTP/12297 – 0002 – Rev0 - Woodlinks Village Stage 20 dated 2nd November 2023.

Our Brief from the client for work during our engagement was limited to:

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Level One Inspections and Testing were carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Woodlinks Village Stage 20 development was carried out at a frequency of 1 test per 500m^3 of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.

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Fill constructed on Lot 650 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 650 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

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Shadforth Civil
99 Sandalwood Lane, Forest Glen, QLD 4556

Lot 651
Woodlinks Village Stage 20
Level One Compliance Report For
Earthworks Fill Construction

Earthworks filling operations were carried out on Lot 651 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (the client) between June 2023 and September 2023. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

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Fill constructed on Lot 651 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 651 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after September 2023.

If there are any queries concerning the above, please do not hesitate to contact this office.

Regards,

Written By:

Jay Nicholas
Technician

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