



4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy

REPORT ON LEVEL 1

EARTHWORKS INSPECTION AND TESTING



PROJECT: 357 Ripley Road Northern Bulk Earthworks Strategy

CONTRACTOR: SEE Civil Pty Ltd

TABLE OF CONTENTS

1 INTRODUCTION

1.0 General

1.1 Site Description

1.2 Site Geology

2 WORKS AND SPECIFICATIONS

3 PREVIOUS EARTHWORKS

4 FILL FOUNDATION

5 COMPLIANCE TESTING

6 CONCLUSION

7 LIMITATIONS

Appendix A – Test Locations

Appendix B – Bulk Earthworks Drawing

Appendix C – Test Reports

Appendix D – Individual Lot Certificates

1 INTRODUCTION

1.0 GENERAL

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with Clause 8.2 of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

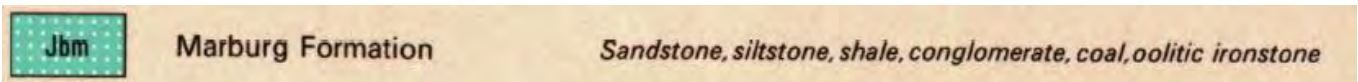
The fill placed on the site between the 13/04/2022 and 25/08/2022 as detailed in this report is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

1.1 SITE DESCRIPTION

The site is located at 357 Ripley Road in Ripley, Queensland shown below.



1.2 SITE GEOLOGY



Source: Moreton Geology Map

2 WORKS AND SPECIFICATIONS

The earthworks generally comprised of Level 1 filling placed across the site. Filling was conducted by using site won materials. The fill materials were placed in layers not exceeding 200mm and moisture conditioned. Compaction equipment was then utilised to compact the fill until the required density specifications were achieved.

Filling was carried out in accordance with AS3798-2007 '*Guidelines on earthworks for commercial and residential developments*' and with the project specification prepared for the project.

The specification requirements were that all fill was to be placed and compacted in layers to a density ratio of not less than 95% (standard compaction).

3 PREVIOUS EARTHWORKS

No previous earthworks had been undertaken on the site.

4 FILL FOUNDATION

The stripped surfaces of proposed fill areas were inspected, and proof rolled prior to placement of fill. In general, the proof rolling was carried out with the equipment used to compact the fill and water truck. Compliance of the fill foundation and approval to commence filling was on the basis of:

- Adequate removal of topsoil and organics
- Soundness (minimum deflection) under proof rolling

5 COMPLIANCE TESTING

Test locations were randomly selected by the Geotechnical Testing Authority (GTA) Australian Soil and Concrete Testing. Compaction control tests were carried out at regular intervals throughout the placement of fill and after completion in accordance with the minimum test frequency recommendations included in the specifications. The table below summarises the test results. The test locations were not professionally surveyed and should be considered approximate.

All field density tests carried out on the structural fill meet the minimum specification requirements of 95% Standard Compaction (AS 1289 5.8.1, 5.7.1 & 2.1.1). Any areas where low compaction was identified were reworked and further testing carried out.

SUMMARY OF FIELD DENSITY TEST RESULTS

Test No	Test Date	Test Location			Test Level	Density Ratio %
60733	9/02/2022	Lot 302	7m off FB	4m off LB	FL - 0.4m	99.5
60734	9/02/2022	Lot 302	9m off BB	3m off LB	FL	98.0
60735	9/02/2022	Lot 303	11m off FB	8m off LB	FL	98.5
60736	9/02/2022	Lot 303	6m off BB	4m off LB	FL - 0.3m	97.5
60737	9/02/2022	Lot 304	8m off FB	6m off LB	FL - 0.5m	97.0
60738	9/02/2022	Lot 304	4m off BB	9m off LB	FL	97.5
60739	9/02/2022	Lot 305	3m off FB	3m off LB	FL	98.5
60740	9/02/2022	Lot 305	13m off BB	7m off LB	FL - 0.3m	101.0
60741	9/02/2022	Lot 277	11m off FB	8m off LB	FL - 0.4m	100.5
60742	9/02/2022	Lot 277	8m off BB	4m off LB	FL	98.0
60743	9/02/2022	Lot 276	10m off FB	2m off LB	FL - 0.6m	98.0
60744	9/02/2022	Lot 276	5m off BB	7m off LB	FL - 0.2m	98.5
60745	9/02/2022	Lot 275	5m off FB	8m off LB	FL	97.5
60746	9/02/2022	Lot 275	9m off BB	3m off LB	FL - 0.3m	98.5
60747	9/02/2022	Lot 274	7m off FB	6m off LB	FL - 0.4m	97.5
60748	9/02/2022	Lot 274	11m off BB	5m off LB	FL	100.5
60749	9/02/2022	Lot 355	16m North, 19m West	SE Corner	FL	98.5
60750	9/02/2022	Lot 307	9m off FB	2m off LB	FL - 0.4m	97.5
60751	9/02/2022	Lot 272	9m off FB	5m off LB	FL - 0.5m	99.0

60752	9/02/2022	Lot 273	3m North, 11m East	SW Corner	FL - 0.2m	98.0
60763	10/02/2022	Lot 266	2m off FB	7m off LB	FL - 0.3m	101.0
60764	10/02/2022	Lot 266	8m off BB	2m off LB	FL	98.0
60765	10/02/2022	Lot 267	10m off FB	8m off LB	FL	100.5
60766	10/02/2022	Lot 267	7m off BB	3m off LB	FL - 0.3m	101.0
60767	10/02/2022	Lot 268	4m off FB	5m off LB	FL - 0.5m	101.0
60768	10/02/2022	Lot 268	2m off BB	6m off LB	FL - 0.2m	98.0
60769	10/02/2022	Lot 269	12m off FB	9m off LB	FL	99.5
60770	10/02/2022	Lot 269	4m off BB	6m off LB	FL - 0.3m	98.5
60771	10/02/2022	Lot 270	9m North, 9m West	SE Corner	FL	99.0
60772	10/02/2022	Lot 271	14m off FB	4m off LB	FL	101.0
60773	10/02/2022	Lot 236	18m off FB	4m off LB	FL - 0.3m	97.0
60774	10/02/2022	Lot 237	17m North, 19m East	SW Corner	FL	96.5
60775	10/02/2022	Lot 238	16m off FB	6m off LB	FL	101.0
60776	10/02/2022	Lot 238	9m off BB	3m off LB	FL - 0.2m	97.0
60777	10/02/2022	Lot 239	13m off FB	2m off LB	FL - 0.3m	97.5
60778	10/02/2022	Lot 239	7m off BB	4m off LB	FL	98.0
60779	10/02/2022	Lot 240	5m off FB	2m off LB	FL - 0.3m	99.0
60780	10/02/2022	Lot 240	9m off BB	8m off LB	FL - 0.5m	98.0
60781	10/02/2022	Lot 241	3m off FB	4m off LB	FL - 0.2m	99.5
60782	10/02/2022	Lot 241	7m off BB	6m off LB	FL	100.0
63571	13/04/2022	Bulk Earthworks	E:7680.5	N:40682.5	RL:62.0	100.0
63572	13/04/2022	Bulk Earthworks	E:7714.9	N:40677.8	RL:61.6	102.0
63573	13/04/2022	Bulk Earthworks	E:7692.6	N:40695.2	RL:61.2	101.0
63574	13/04/2022	Bulk Earthworks	E:7669.2	N:40661.4	RL:62.9	100.5
63575	13/04/2022	Bulk Earthworks	E:7660.6	N:40655.1	RL:63.0	101.0
63576	13/04/2022	Bulk Earthworks	E:7658.2	N:40671.2	RL:62.2	100.0
63714	19/04/2022	Bulk Earthworks	E:7827.4	N:40756.2	RL:59.8	100.0
63715	19/04/2022	Bulk Earthworks	E:7843.6	N:40763.2	RL:59.2	98.5
64153	28/04/2022	Bulk Earthworks	E:7809.6	N:40693.0	RL:61.2	101.5
64154	28/04/2022	Bulk Earthworks	E:7755.4	N:40704.2	RL:60.0	102.5
64155	28/04/2022	Bulk Earthworks	E:7748.6	N:40727.2	RL:59.4	98.5
64440	5/05/2022	Bulk Earthworks	E:7683.6	N:40687.3	RL:62.4	97.0

64441	5/05/2022	Bulk Earthworks	E:7761.7	N:40698.9	RL:62.0	95.0
64442	5/05/2022	Bulk Earthworks	E:7804.3	N:40669.2	RL:62.2	97.0
64443	5/05/2022	Bulk Earthworks	E:7810.5	N:40684.8	RL:62.6	97.5
64444	5/05/2022	Bulk Earthworks	E:7640.6	N:40660.3	RL:64.0	96.5
65318	1/06/2022	Bulk Earthworks	E:7939.3	N:40735.5	RL:64.9	101.0
65319	1/06/2022	Bulk Earthworks	E:7927.3	N:40735.4	RL:63.9	100.0
65320	1/06/2022	Bulk Earthworks	E:7959.2	N:40663.1	RL:66.9	98.0
65321	1/06/2022	Bulk Earthworks	E:7952.9	N:40668.5	RL:66.6	96.0
65322	1/06/2022	Bulk Earthworks	E:7922.7	N:40668.4	RL:64.6	102.0
65323	1/06/2022	Bulk Earthworks	E:7926.7	N:40685.9	RL:64.6	99.5
65324	1/06/2022	Bulk Earthworks	E:7901.7	N:40692.2	RL:62.9	101.0
65325	1/06/2022	Bulk Earthworks	E:7919.3	N:40702.2	RL:62.6	100.0
65522	8/06/2022	Bulk Earthworks	E:7920.8	N:40715.5	RL:63.4	100.0
65523	8/06/2022	Bulk Earthworks	E:7947.9	N:40635.4	RL:65.7	100.5
65524	8/06/2022	Bulk Earthworks	E:7856.4	N:40686.5	RL:60.8	101.5
65525	8/06/2022	Bulk Earthworks	E:7972.6	N:40707.4	RL:66.9	100.5
65580	10/06/2022	Bulk Earthworks	E:7975.5	N:40611.6	RL:68.0	98.0
65581	10/06/2022	Bulk Earthworks	E:7950.8	N:40610.7	RL:66.4	97.0
65582	10/06/2022	Bulk Earthworks	E:7924.7	N:40616.3	RL:64.9	96.5
65583	10/06/2022	Bulk Earthworks	E:7875.6	N:40613.1	RL:62.9	98.0
65584	10/06/2022	Bulk Earthworks	E:7899.2	N:40609.2	RL:63.6	98.5
66201	15/06/2022	Bulk Earthworks	E:7722.1	N:40668.6	RL:62.1	100.5
66202	15/06/2022	Bulk Earthworks	E:7873.3	N:40570.2	RL:62.4	102.0
66203	15/06/2022	Bulk Earthworks	E:7910.5	N:40537.4	RL:62.7	100.5

66204	15/06/2022	Bulk Earthworks	E:7847.3	N:40617.6	RL:61.3	101.0
66205	15/06/2022	Bulk Earthworks	E:7747.9	N:40650.3	RL:62.4	101.0
69940	25/08/2022	Lot 198	10m off East Boundary	9m off North Boundary	1.0m BFL	96.5
69941	25/08/2022	Lot 199	10m off East Boundary	10m off North Boundary	F/L	97.5
69942	25/08/2022	Lot 200	4m off East Boundary	20m off North Boundary	1.5m BFL	101.5
69943	25/08/2022	Lot 200	6m off East Boundary	12m off North Boundary	0.5m BFL	95.0
69944	25/08/2022	Lot 201	8m off East Boundary	6m off North Boundary	1.5m BFL	98.5
69945	25/08/2022	Lot 201	20m off East Boundary	12m off North Boundary	F/L	98.5
69946	25/08/2022	Lot 202	9m off East Boundary	13m off North Boundary	F/L	99.5
69947	25/08/2022	Lot 203	5m off East Boundary	10m off North Boundary	F/L	97.0
69948	25/08/2022	Lot 204	4m off East Boundary	9m off North Boundary	F/L	100.5
69949	25/08/2022	Lot 235	8m off East Boundary	18m off North Boundary	F/L	97.0
69950	25/08/2022	Lot 234	5m off East Boundary	8m off North Boundary	1.0m BFL	97.5
69951	25/08/2022	Lot 231	9m off East Boundary	12m off North Boundary	0.5m BFL	96.5
69952	25/08/2022	Lot 328	10m off East Boundary	5m off North Boundary	1.0m BFL	96.5
69953	25/08/2022	Lot 330	12m off East Boundary	4m off North Boundary	F/L	101.0
69954	25/08/2022	Lot 332	16m off East Boundary	6m off North Boundary	0.5m BFL	99.5
69955	25/08/2022	Lot 308	6m off East Boundary	6m off North Boundary	0.3m BFL	101.5
69956	25/08/2022	Lot 310	7m off East Boundary	11m off North Boundary	F/L	98.0
69957	25/08/2022	Lot 311	16m off East Boundary	8m off North Boundary	0.5m BFL	95.5
69958	25/08/2022	Lot 314	6m off East Boundary	12m off North Boundary	F/L	97.0
69959	25/08/2022	Lot 110	4m off East Boundary	11m off North Boundary	F/L	95.5

No. of Tests: 98

Mean: 98.9 %

6 CONCLUSION

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction, as far as we have been able to determine, the structural fill placed on the site between the 13/04/2022 and 25/08/2022 is considered to have been carried out in general accordance with AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

7 LIMITATIONS

Unless otherwise stated in this report, this report does not include: Backfill behind retaining structures, Backfill to service trenches, Road Pavements, Any Topsoil placed on the site, Any previous filling on the site, Slope Stability or Site Drainage.

Please do not hesitate to contact me if you have any queries.

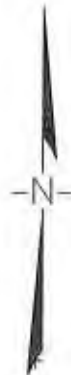
Yours faithfully



Jason Mckenna
Laboratory Manager
ASCT Brisbane South
jason.mckenna@asct.com.au

Appendix A

Test Locations



Notes & Disclaimers

The information shown on this plan has been collated from field survey data. No design work has been carried out by SEE Civil. The plan is merely the location of improvements designed by others. All construction has been carried out to the design provided by the client and the client's representative. Underground cables and services must be specifically located by appropriately qualified service locators prior to the commencement of any excavation works. The title boundaries shown hereon were not marked at the time of survey and have been determined by plan dimensions only and not by field survey.

No	Amendments	Date
A	Amendments & Additions	

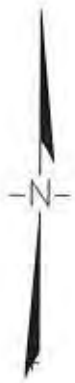
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Street Address	
RP Description	


Level Datum	AHD	Orientation	North
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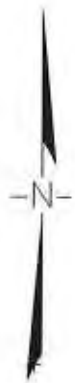
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JOB NO	J986
TDC	
DRAWN BY	BJC
CHECKED BY	
GT	
Scale	1:600



24a Ozone Street, Chinderah, N.S.W. 2487
 P.O. Box 6009 Tweed Heads South, 2486
 Phone: (02) 6671 2300
 Fax: (02) 6671 2350
 web: seecivil.com.au



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	No		Peak Urban		AHD	North	5-09-22								
	Date		Ripley Road , Bellevue		Origin	Centre Interval:	JRB								
	Date		Soil Tests		LCA	Scale	1:600								
Amendments & Additions		Street Address		SURJOB		<table border="1"> <tr><td>TBC</td><td>BJC</td></tr> <tr><td>SURVEYED</td><td></td></tr> <tr><td>CHECKED</td><td></td></tr> <tr><td>QT</td><td></td></tr> </table>		TBC	BJC	SURVEYED		CHECKED		QT	
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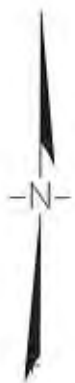
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	Amendments & Additions	

Client	Peak Urban
Title	Ripley Road, Bellevue Soil Tests
Street Address	
RP Description	

Level Datum	AHD	Annular	North
Origin		Contour Interval	
LGA		SUBURB	
Scale	1:600		



24a Ozone Street, Chinderah, N.S.W. 2487
 P.O. Box 6008 Tweed Heads South, 2486
 Phone: (02) 6571 2320
 Fax: (02) 6571 2350
 web: seecivil.com.au



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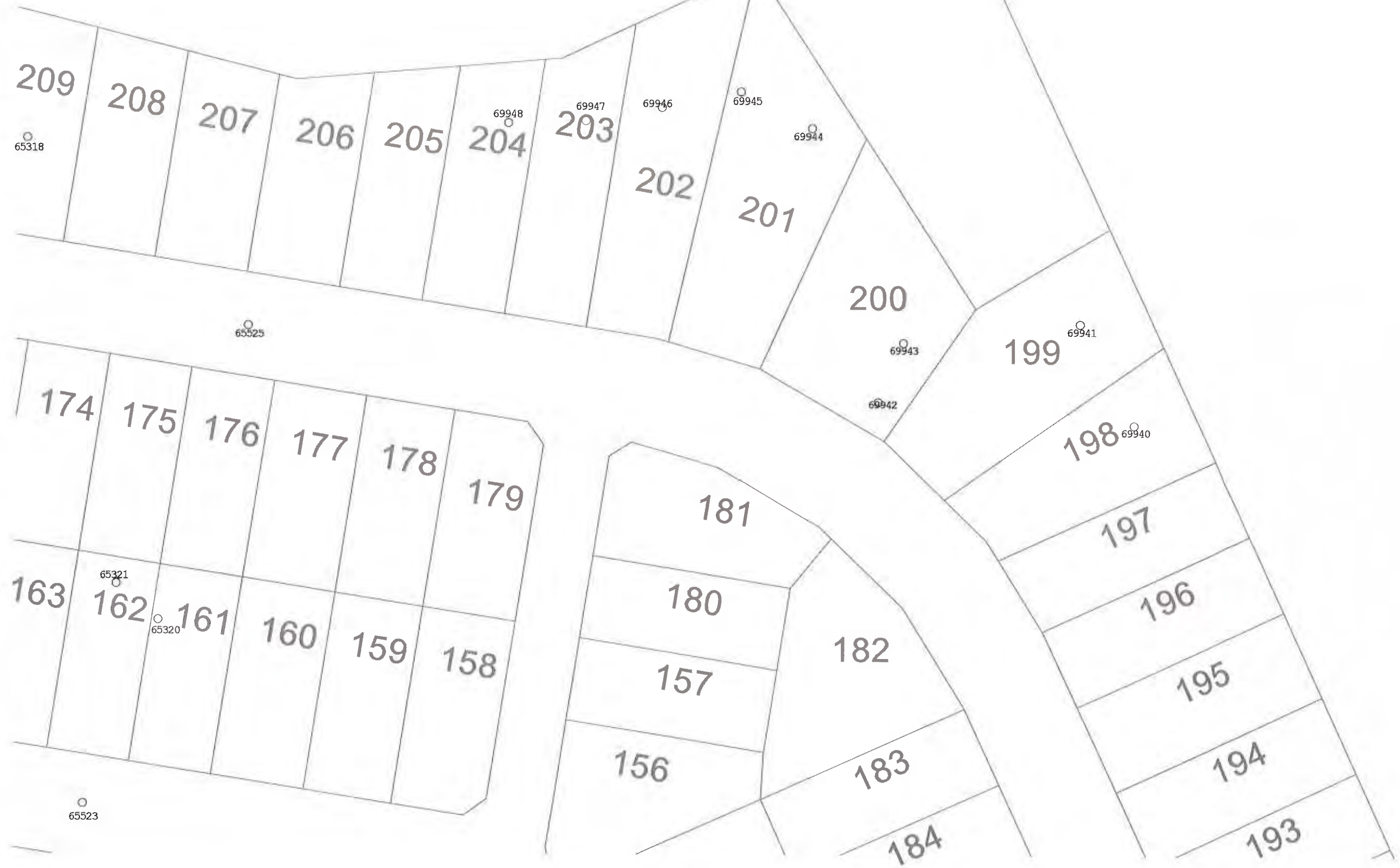
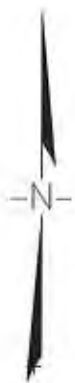
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	Amendments & Additions	

Client	Peak Urban
Title	Ripley Road, Bellevue Soil Tests
Street Address	
RP Description	

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Origin	
CGA	
Azimuth	North
Contour Interval	
SUBURB	
DATE	5-09-22
JOB NO	1986
BY	
SURVEYED	BJC
CHECKED	
OR	
Scale	1:600



24a Orme Street, Chinderah, N.S.W. 2487
 P.O. Box 6009 Tweed Heads South, 2486
 Phone: (02) 8671 2300
 Fax: (02) 8671 2350
 web: seecivil.com.au



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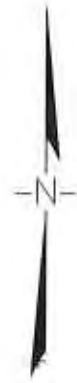
No	Amendments	Date
	Amendments & Additions	

Client	Peak Urban
Title	Ripley Road, Bellevue Soil Tests
Street Address	
RP Description	

Level Datum	AHD
Origin	
ESR	
Azimuth	North
Contour Interval	
SUBURB	
DATE	5-09-22
LAB NO	J996
TBC	
SURVEYED	BJC
CHECKED	
BY	
Scale	1:600



24a Ozone Street, Chinderah, N.S.W. 2487
 P.O. Box 6009 Tweed Heads South, 2486
 Phone: (02) 6671 2300
 Fax: (02) 6671 2350
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No	Amendments	Date
	Amendments & Additions	

Client:	Peak Urban
Title:	Ripley Road, Bellevue Soil Tests
Street Address:	
RP Description:	

Level Datum:	AHD
Asimuth:	North
Origin:	
Contour Interval:	
USA:	SUBURB
Scale:	1:600

DATE:	6-06-22
JOB NO:	2000
TDC:	
SURVEYED:	BJC
CHECKED:	
BY:	

24a Ozone Street, Chinderah, N.S.W. 2467
 P.O. Box 6009 Tweed Heads South, 2486
 Phone: (02) 6671 2300
 Fax: (02) 6671 2350
 web: seecivil.com.au

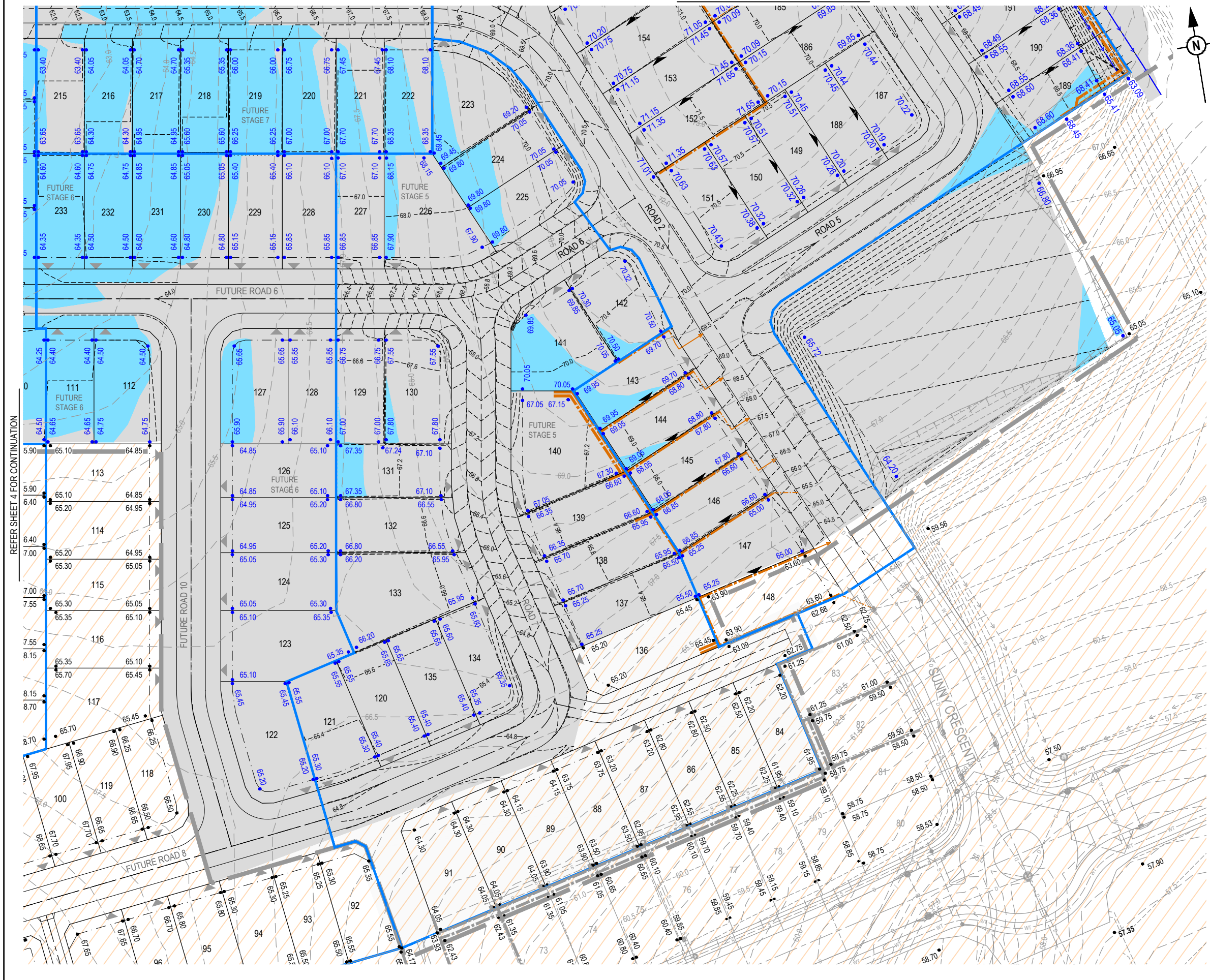
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Civil

Plan No: **6**

Appendix B

Bulk Earthworks Drawings

REFER SHEET 2 FOR CONTINUATION



LEGEND

- PROPOSED AREA OF WORKS
- PROPOSED STAGE BOUNDARY
- PROPOSED SURFACE CONTOUR
- EXISTING SURFACE CONTOUR
- PROPOSED EARTHWORKS PAD SETBACK LINE
- PROPOSED CONCRETE SLEEPER RETAINING WALL
- EXISTING CONCRETE SLEEPER RETAINING WALL
- RETAINING WALL SUBSOIL PIPE EXTENSION
- PROPOSED KERB ADAPTOR FOR RETAINING WALL SUBSOIL PIPE OUTLET
- PROPOSED FINISHED SURFACE LEVEL (FSL) (AFTER TOPSOIL PLACEMENT)
- EXISTING STAGE FINISHED SURFACE LEVEL (AFTER TOPSOIL PLACEMENT)
- EXISTING SURFACE LEVEL (ESL)
- FUTURE FINISHED SURFACE LEVEL
- PROPOSED AREA OF CUT
- PROPOSED AREA OF FILL
- EXISTING EARTHWORKS COMPLETED IN PREVIOUS STAGE
- INDICATIVE DRIVEWAY LOCATIONS
- ZERO LOT BOUNDARY
- PROPOSED DRAINAGE SWALE
- EXISTING STORMWATER DRAINAGE PIPE
- EXISTING ROOFWATER DRAINAGE PIPE
- EXISTING SEWER MAIN
- EXISTING WATER MAIN
- EXISTING WATER CONDUIT
- EXISTING ELECTRICAL CABLE U/G
- EXISTING ELECTRICAL CABLE O/H
- EXISTING GAS MAIN
- EXISTING DRAIN

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.



LOCALITY PLAN

1:10000 (A1)
1:20000 (A3)

BULK EARTHWORKS VOLUMES

TOTAL CUT	84669m ³
TOTAL FILL	59620m ³
BALANCE (EXPORT)	25049m ³

REV	DATE	DESIGN	DRAWN	REVISION DETAILS
A	31.03.22	CL	CL	ISSUED FOR CONSTRUCTION

DRAWN	STATUS
CL	ISSUED FOR CONSTRUCTION
DESIGN	APPROVED
CL	SCOTT THOMAS RPEQ 04618
	<i>S. Thomas</i>
	FOR AND ON BEHALF OF PEAKURBAN PTY LTD

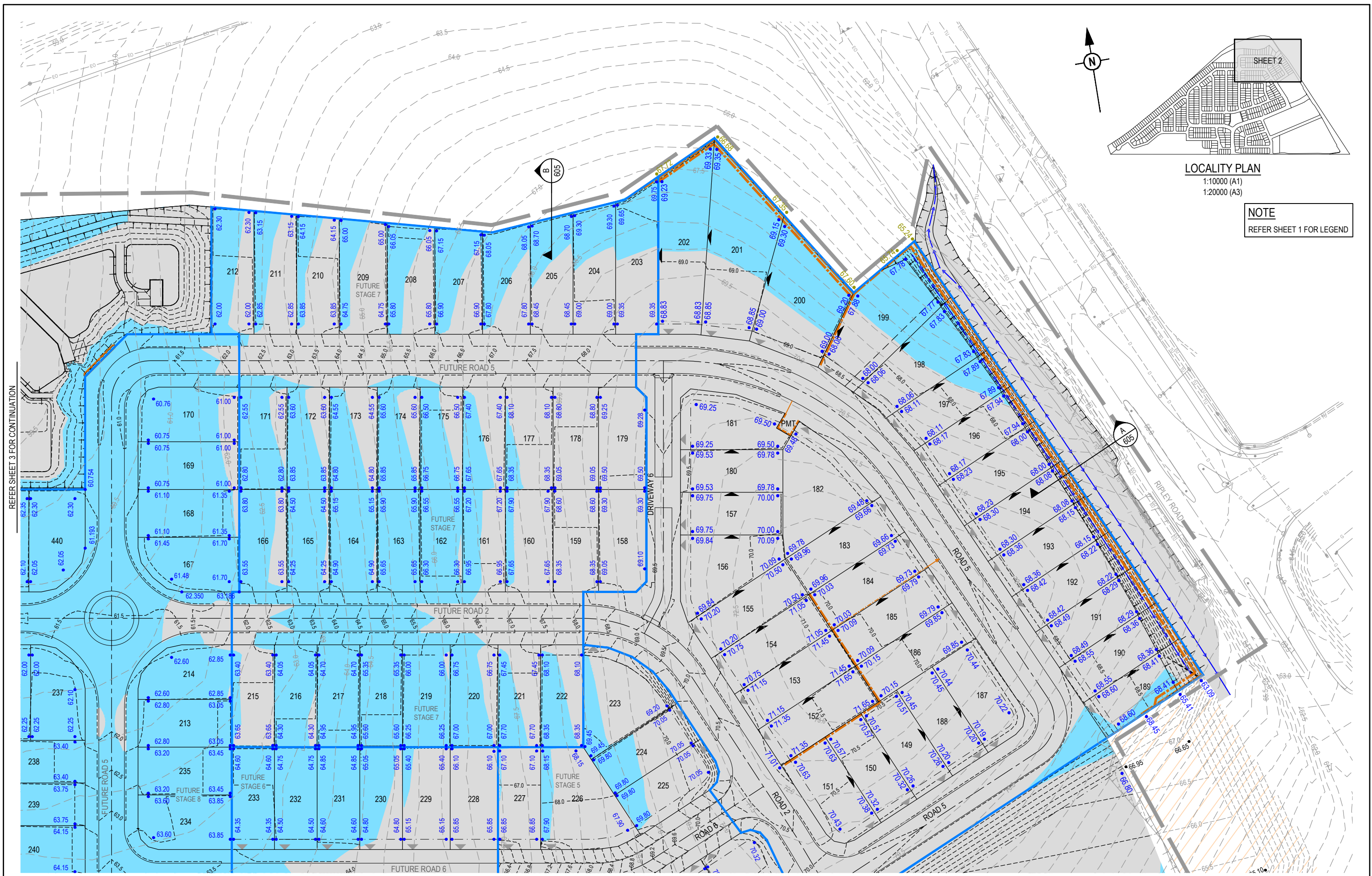
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SCALE
1:500 10 5 0 10 20 A1 1:1000

CLIENT	HB DONCASTER PTY. LTD.
ASSOCIATED CONSULTANT	SAUNDERS HAVILL GROUP PH: 1300 123 744

PROJECT NAME	357 RIPLEY ROAD NORTHERN BULK EARTHWORKS STRATEGY
357 RIPLEY ROAD, RIPLEY	

DRAWING TITLE	NORTHERN BULK EARTHWORKS LAYOUT PLAN SHEET 1 OF 4
PROJECT No.	20-0196
DRAWING No.	601
REVISION	A

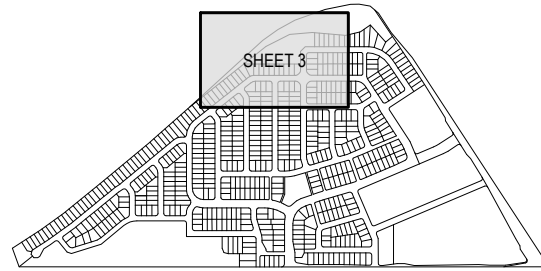


REFER SHEET 3 FOR CONTINUATION

REFER SHEET 1 FOR CONTINUATION

REV	DATE	DESIGN	DRAWN	ISSUED FOR CONSTRUCTION	REVISION DETAILS	DRAWN	STATUS	SCALE	CLIENT	PROJECT NAME	DRAWING TITLE
A	31.03.22	CL	CL	ISSUED FOR CONSTRUCTION		CL	ISSUED FOR CONSTRUCTION	1:500 1:1000	HB DONCASTER PTY. LTD.	357 RIPLEY ROAD NORTHERN BULK EARTHWORKS STRATEGY	NORTHERN BULK EARTHWORKS LAYOUT PLAN SHEET 2 OF 4
						CL	DESIGN APPROVED SCOTT THOMAS RPEQ 04618 <i>S. Thomas</i> FOR AND ON BEHALF OF PEAKURBAN PTY LTD	1:500 10 5 0 10 20 A1 1:1000	ASSOCIATED CONSULTANT SAUNDERS HAVILL GROUP PH: 1300 123 744	357 RIPLEY ROAD, RIPLEY	PROJECT No. 20-0196 DRAWING No. 602 REVISION A



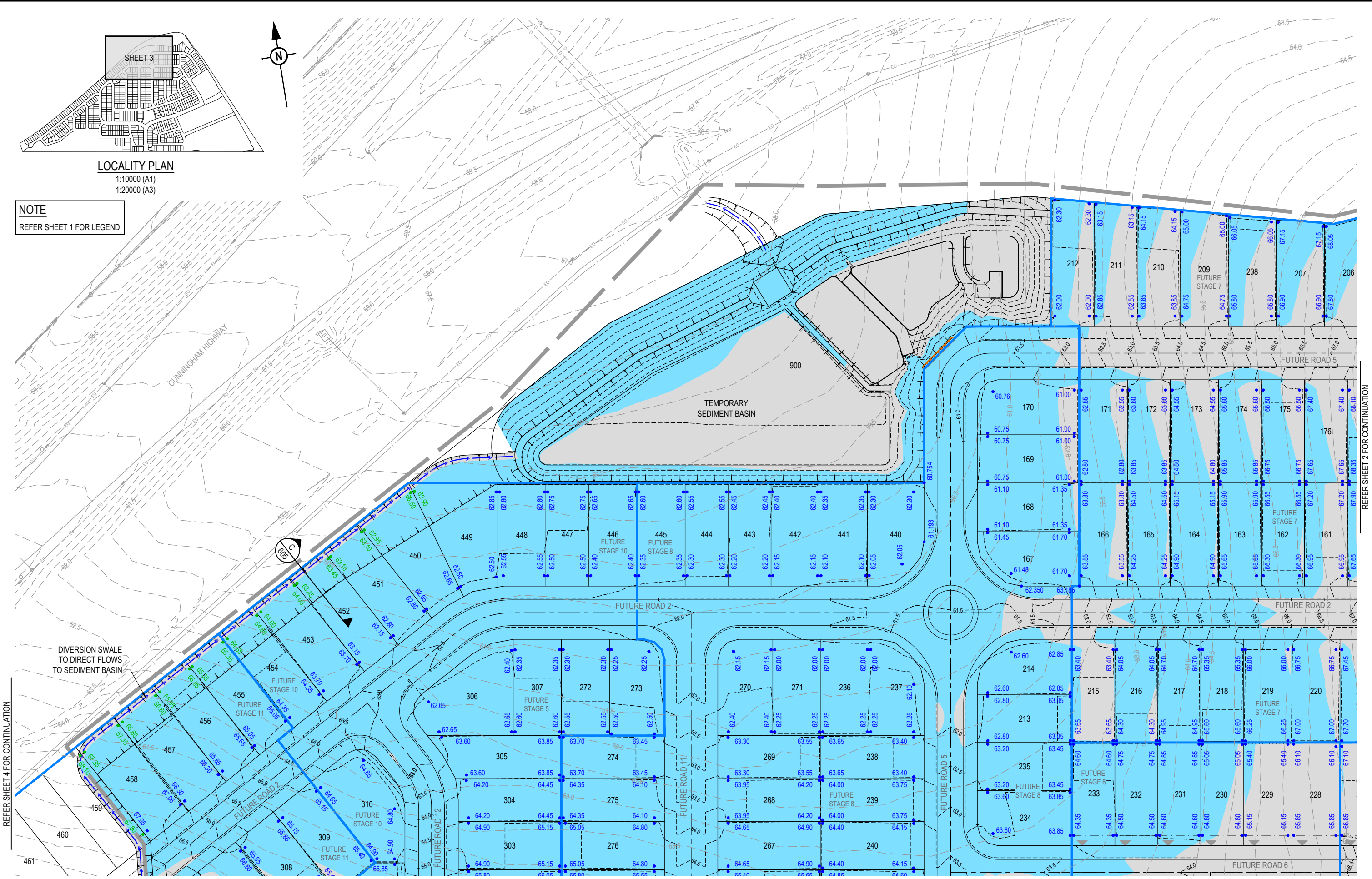


LOCALITY PLAN

1:10000 (A1)
1:20000 (A3)

NOTE

REFER SHEET 1 FOR LEGEND



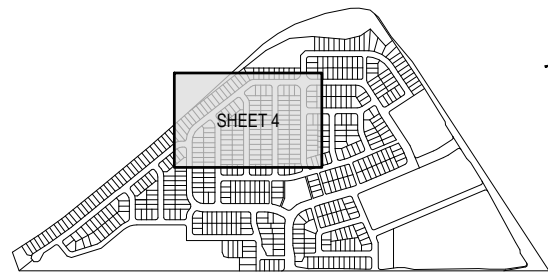
REFER SHEET 4 FOR CONTINUATION

REFER SHEET 4 FOR CONTINUATION

REFER SHEET 1 FOR CONTINUATION

REFER SHEET 2 FOR CONTINUATION

<table border="1"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>DESIGN</th> <th>DRAWN</th> <th>REVISION DETAILS</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>31.03.22</td> <td>CL</td> <td>CL</td> <td>ISSUED FOR CONSTRUCTION</td> </tr> </tbody> </table>		REV	DATE	DESIGN	DRAWN	REVISION DETAILS	A	31.03.22	CL	CL	ISSUED FOR CONSTRUCTION	<table border="1"> <thead> <tr> <th>DRAWN</th> <th>STATUS</th> </tr> </thead> <tbody> <tr> <td>CL</td> <td>ISSUED FOR CONSTRUCTION</td> </tr> </tbody> </table>		DRAWN	STATUS	CL	ISSUED FOR CONSTRUCTION			<p>SCALE</p> <p>1:500 10 5 0 10 20 A1 1:1000</p>		<p>CLIENT</p> <p>HB DONCASTER PTY. LTD.</p>		<p>PROJECT NAME</p> <p>357 RIPLEY ROAD NORTHERN BULK EARTHWORKS STRATEGY</p>		<p>DRAWING TITLE</p> <p>NORTHERN BULK EARTHWORKS LAYOUT PLAN SHEET 3 OF 4</p>	
REV	DATE	DESIGN	DRAWN	REVISION DETAILS																							
A	31.03.22	CL	CL	ISSUED FOR CONSTRUCTION																							
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		<table border="1"> <thead> <tr> <th>DESIGN</th> <th>APPROVED</th> <th>RPEQ</th> </tr> </thead> <tbody> <tr> <td>CL</td> <td>SCOTT THOMAS</td> <td>RPEQ 04618</td> </tr> <tr> <td colspan="2"></td> <td><i>S. Thomas</i></td> </tr> </tbody> </table>		DESIGN	APPROVED	RPEQ	CL	SCOTT THOMAS	RPEQ 04618			<i>S. Thomas</i>	<p>ENQUIRIES@PEAKURBAN.COM.AU</p>		<p>ASSOCIATED CONSULTANT</p> <p>SAUNDERS HAVILL GROUP PH: 1300 123 744</p>		<p>357 RIPLEY ROAD, RIPLEY</p>		<table border="1"> <thead> <tr> <th>PROJECT No.</th> <th>DRAWING No.</th> <th>REVISION</th> </tr> </thead> <tbody> <tr> <td>20-0196</td> <td>603</td> <td>A</td> </tr> </tbody> </table>		PROJECT No.	DRAWING No.	REVISION	20-0196	603	A	
DESIGN	APPROVED	RPEQ																									
CL	SCOTT THOMAS	RPEQ 04618																									
		<i>S. Thomas</i>																									
PROJECT No.	DRAWING No.	REVISION																									
20-0196	603	A																									



LOCALITY PLAN

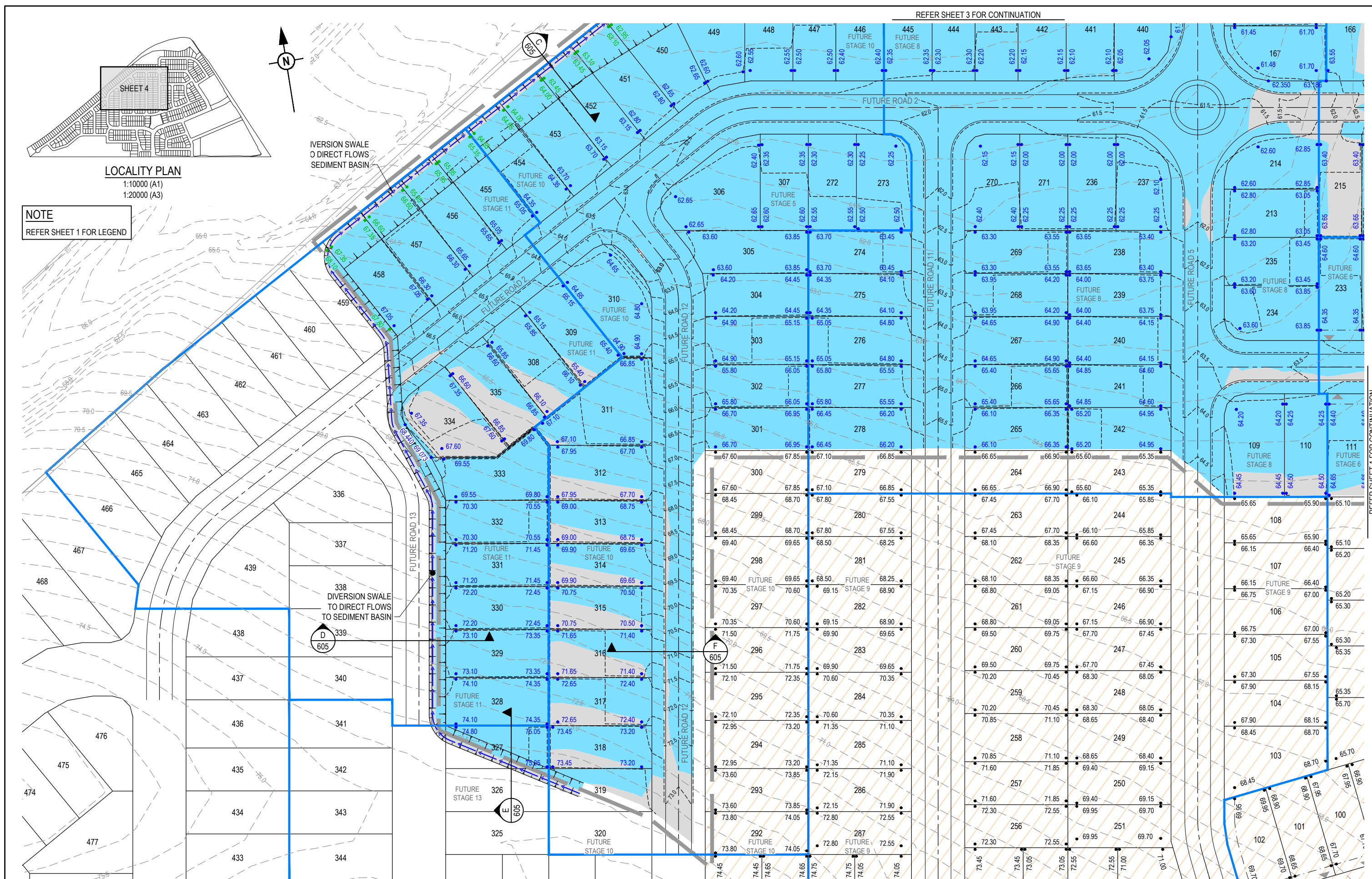
1:10000 (A1)
1:20000 (A3)

NOTE

REFER SHEET 1 FOR LEGEND

INVERSION SWALE
TO DIRECT FLOWS
TO SEDIMENT BASIN

338
DIVERSION SWALE
TO DIRECT FLOWS
TO SEDIMENT BASIN



REFER SHEET 1 FOR CONTINUATION

REV	DATE	DESIGN	DRAWN	ISSUED FOR CONSTRUCTION	REVISION DETAILS
A	31.03.22	CL	CL	ISSUED FOR CONSTRUCTION	

DRAWN	STATUS
CL	ISSUED FOR CONSTRUCTION
DESIGN	APPROVED
CL	SCOTT THOMAS RPEQ 04618
	<i>S. Thomas</i>
	FOR AND ON BEHALF OF PEAKURBAN PTY LTD

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

CLIENT	HB DONCASTER PTY. LTD.
ASSOCIATED CONSULTANT	SAUNDERS HAVILL GROUP PH: 1300 123 744

PROJECT NAME	357 RIPLEY ROAD NORTHERN BULK EARTHWORKS STRATEGY
	357 RIPLEY ROAD, RIPLEY

DRAWING TITLE	NORTHERN BULK EARTHWORKS LAYOUT PLAN SHEET 4 OF 4
PROJECT No.	20-0196
DRAWING No.	604
REVISION	A

Appendix C

Test Reports



ASCT Brisbane South
 Postal: PO Box 1232 Park Ridge QLD 4125
 Laboratory: 4/31 Tradelink Road Hillcrest Q 4118
 Telephone: 0437 776 582
 E-Mail: brisbane.south@asct.com.au
 Mobile: 0437 776 582
 A.B.N. 28 608 830 306

Compaction Control Test Report (Nuclear Gauge & Hilf) Page: 1 of 2

Client:	See Civil Pty Ltd	Report No:	83
Client Address:	108 Siganto Drive, Helensvale QLD 4210	Report Date:	14/02/2022
Project:	357 Ripley Rd, Ripley - Stage 1	Project No:	988
Component:	Level 1 Fill	Test Request:	
Lot Number:		ITP/PCP:	

Sample Information & Location

Sample Number:	60733	60734	60735	60736	60737
Field Test Number:	1	2	3	4	5
Date - Field Tested:	9/02/2022	9/02/2022	9/02/2022	9/02/2022	9/02/2022
Time - Field Tested:	AM	AM	AM	AM	AM
Material Source / Type:	On Site - Allotment Fill				
Remarks / Notes:					
Control Line:	Lot 302	Lot 302	Lot 303	Lot 303	Lot 304
Location/Chainage/Easting: (m)	7m off FB	9m off BB	11m off FB	6m off BB	8m off FB
Position/Offset/Northing: (m)	4m off LB	3m off LB	8m off LB	4m off LB	6m off LB
Level/Layer/R.L.	FL - 0.4m	FL	FL	FL - 0.3m	FL - 0.5m
Layer Depth: (mm)	-	-	-	-	-
Depth Tested: (mm)	150	150	150	150	150

Field & Laboratory Results

Field Wet Density: (t/m ³)	2.17	2.15	2.13	2.12	2.13
Field Dry Density: (t/m ³)	2.03	1.99	1.97	1.97	1.95
Retained Oversize (Wet basis): (%)	5% on 19.0mm	4% on 19.0mm	4% on 19.0mm	4% on 19.0mm	2% on 19.0mm
Material Description:	-	-	-	-	-
Moisture Content Method:	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven
Field Moisture Content: (%)	7.0	8.0	8.5	7.5	9.0
Adjusted Lab OMC: (%)	8.9	9.5	10.2	9.3	10.2
Fraction Tested:	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm
Lab Max Converted Wet Density: (t/m ³)	2.17	2.18	2.15	2.16	2.19
Adjusted Lab Max CWD: (t/m ³)	2.18	2.19	2.16	2.17	2.19
Compactive Effort:	Standard	Standard	Standard	Standard	Standard

Relative Compaction & Moisture

Moisture Variation (%)	2.0% Drier than OMC	1.5% Drier than OMC	2% Drier than OMC	1.5% Drier than OMC	1% Drier than OMC
Moisture Ratio (%)	79.5	84.0	81.0	82.5	89.5
Density Ratio (%)	99.5	98.0	98.5	97.5	97.0

Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	95	98.1	10	98.60	1.34	0.405
Maximum (%)		-	-	-	-	-
Specified Moisture Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)		-	-	-	-	-
Maximum (%)		-	-	-	-	-

Test Methods Used.

AS1289.1.1 (Prep), AS1289.5.4.1 - (Dry Density Ratio, Moisture Variation & Ratio), AS1289.5.7.1 - (Hilf Density/Moisture Ratio (Rapid Method)), AS1289.5.8.1 (Nuclear Gauge, Direct Transmission), AS 1289.1.2.1, Cl 6.4(b) (Sampling), CV calculations derived from Austroads NTR-09 publication (Not Included in NATA endorsement)

Remarks Regarding the Lot.

Laboratory testing 09/02/2022 to 10/02/2022

	Accredited for compliance with ISO/IEC 17025 - Testing. The results relate only to the items sampled/tested.	
	Accreditation number: 19902	



ASCT Brisbane South
 Postal: PO Box 1232 Park Ridge QLD 4125
 Laboratory: 4/31 Tradelink Road Hillcrest Q 4118
 Telephone: 0437 776 582
 E-Mail: brisbane.south@asct.com.au
 Mobile: 0437 776 582
 A.B.N. 28 608 830 306

Compaction Control Test Report (Nuclear Gauge & Hilf) Page: 2 of 2

Client:	See Civil Pty Ltd	Report No:	83
Client Address:	108 Siganto Drive, Helensvale QLD 4210	Report Date:	14/02/2022
Project:	357 Ripley Rd, Ripley - Stage 1	Project No:	988
Component:	Level 1 Fill	Test Request:	
Lot Number:		ITP/PCP:	

Sample Information & Location

	60738	60739	60740	60741	60742
Sample Number:	6	7	8	9	10
Field Test Number:	9/02/2022	9/02/2022	9/02/2022	9/02/2022	9/02/2022
Date - Field Tested:	AM	AM	AM	AM	AM
Time - Field Tested:	On Site - Allotment Fill				
Material Source / Type:					
Remarks / Notes:					
Control Line:	Lot 304	Lot 305	Lot 305	Lot 277	Lot 277
Location/Chainage/Easting:	(m) 4m off BB	3m off FB	13m off BB	11m off FB	8m off BB
Position/Offset/Northing:	(m) 9m off LB	3m off LB	7m off LB	8m off LB	4m off LB
Level/Layer/R.L.	FL	FL	FL - 0.3m	FL - 0.4m	FL
Layer Depth:	(mm) -	-	-	-	-
Depth Tested:	(mm) 150	150	150	150	150

Field & Laboratory Results

Field Wet Density:	(t/m ³)	2.09	2.13	2.19	2.18	2.16
Field Dry Density:	(t/m ³)	1.93	1.94	2.04	2.00	2.01
Retained Oversize (Wet basis):	(%)	6% on 19.0mm	5% on 19.0mm	4% on 19.0mm	4% on 19.0mm	3% on 19.0mm
Material Description:		-	-	-	-	-
Moisture Content Method:		AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven
Field Moisture Content:	(%)	8.5	9.5	7.5	9.0	7.5
Adjusted Lab OMC:	(%)	10.2	11.5	8.2	10.9	7.9
Fraction Tested:		Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm
Lab Max Converted Wet Density:	(t/m ³)	2.13	2.15	2.16	2.16	2.20
Adjusted Lab Max CWD:	(t/m ³)	2.15	2.16	2.17	2.17	2.21
Compactive Effort:		Standard	Standard	Standard	Standard	Standard

Relative Compaction & Moisture

Moisture Variation	(%)	1.5% Drier than OMC	2.0% Drier than OMC	1.0% Drier than OMC	1.5% Drier than OMC	0.5% Drier than OMC
Moisture Ratio	(%)	85.0	83.0	89.5	84.0	94.5
Density Ratio	(%)	97.5	98.5	101.0	100.5	98.0

Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	95	98.1	10	98.60	1.34	0.405
Maximum (%)		-	-	-	-	-
Specified Moisture Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)		-	-	-	-	-
Maximum (%)		-	-	-	-	-

Test Methods Used.

AS1289.1.1 (Prep), AS1289.5.4.1 - (Dry Density Ratio, Moisture Variation & Ratio), AS1289.5.7.1 - (Hilf Density/Moisture Ratio (Rapid Method)), AS1289.5.8.1 (Nuclear Gauge, Direct Transmission), AS 1289.1.2.1, Cl 6.4(b) (Sampling), CV calculations derived from Austroads NTR-09 publication (Not Included in Nata endorsement)

Remarks Regarding the Lot.

Laboratory testing 09/02/2022 to 10/02/2022

	Accredited for compliance with ISO/IEC 17025 - Testing. The results relate only to the items sampled/tested.
	Accreditation number: 19902



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 Laboratory: 4/31 Tradelink Road Hillcrest Q 4118
 Telephone: 0437 776 582
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 Mobile: 0437 776 582
 A.B.N. 28 608 830 306

Compaction Control Test Report (Nuclear Gauge & Hilf) Page: 1 of 2

Client:	See Civil Pty Ltd	Report No:	84
Client Address:	108 Siganto Drive, Helensvale QLD 4210	Report Date:	14/02/2022
Project:	357 Ripley Rd, Ripley - Stage 1	Project No:	988
Component:	Level 1 Fill	Test Request:	
Lot Number:		ITP/PCP:	

Sample Information & Location

Sample Number:	60743	60744	60745	60746	60747
Field Test Number:	1	2	3	4	5
Date - Field Tested:	9/02/2022	9/02/2022	9/02/2022	9/02/2022	9/02/2022
Time - Field Tested:	AM	AM	AM	AM	AM
Material Source / Type:	On Site - Allotment Fill				
Remarks / Notes:					
Control Line:	Lot 276	Lot 276	Lot 275	Lot 275	Lot 274
Location/Chainage/Easting: (m)	10m off FB	5m off BB	5m off FB	9m off BB	7m off FB
Position/Offset/Northing: (m)	2m off LB	7m off LB	8m off LB	3m off LB	6m off LB
Level/Layer/R.L.	FL - 0.6m	FL - 0.2m	FL	FL - 0.3m	FL - 0.4m
Layer Depth: (mm)	-	-	-	-	-
Depth Tested: (mm)	150	150	150	150	150

Field & Laboratory Results

Field Wet Density: (t/m ³)	2.13	2.11	2.14	2.11	2.12
Field Dry Density: (t/m ³)	1.93	1.95	1.95	1.92	1.93
Retained Oversize (Wet basis): (%)	5% on 19.0mm	5% on 19.0mm	6% on 19.0mm	3% on 19.0mm	5% on 19.0mm
Material Description:	-	-	-	-	-
Moisture Content Method:	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven
Field Moisture Content: (%)	10.0	8.5	9.5	10.0	10.0
Adjusted Lab OMC: (%)	11.0	8.9	10.9	10.7	11.2
Fraction Tested:	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm
Lab Max Converted Wet Density: (t/m ³)	2.15	2.13	2.17	2.13	2.16
Adjusted Lab Max CWD: (t/m ³)	2.17	2.14	2.19	2.14	2.17
Compactive Effort:	Standard	Standard	Standard	Standard	Standard

Relative Compaction & Moisture

Moisture Variation (%)	1.0% Drier than OMC	0.5% Drier than OMC	1.5% Drier than OMC	0.5% Drier than OMC	1% Drier than OMC
Moisture Ratio (%)	92.0	95.0	87.0	94.0	91.0
Density Ratio (%)	98.0	98.5	97.5	98.5	97.5

Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	95	98.0	10	98.37	0.88	0.405
Maximum (%)		-	-	-	-	-
Specified Moisture Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)		-	-	-	-	-
Maximum (%)		-	-	-	-	-

Test Methods Used.

AS1289.1.1 (Prep), AS1289.5.4.1 - (Dry Density Ratio, Moisture Variation & Ratio), AS1289.5.7.1 - (Hilf Density/Moisture Ratio (Rapid Method)), AS1289.5.8.1 (Nuclear Gauge, Direct Transmission), AS 1289.1.2.1, Cl 6.4(b) (Sampling), CV calculations derived from Austroads NTR-09 publication (Not Included in NATA endorsement)

Remarks Regarding the Lot.

Laboratory testing 09/02/2022 to 10/02/2022



Accredited for compliance with ISO/IEC 17025 - Testing. The results relate only to the items sampled/tested.

Accreditation number: 19902

Approved By:

A. Lenkeit
 Approved Signatory



ASCT Brisbane South

Postal: PO Box 1232 Park Ridge QLD 4125
 Laboratory: 4/31 Tradelink Road Hillcrest Q 4118
 Telephone: 0437 776 582
 E-Mail: brisbane.south@asct.com.au
 Mobile: 0437 776 582
 A.B.N. 28 608 830 306

Compaction Control Test Report (Nuclear Gauge & Hilf) Page: 2 of 2

Client:	See Civil Pty Ltd	Report No:	84
Client Address:	108 Siganto Drive, Helensvale QLD 4210	Report Date:	14/02/2022
Project:	357 Ripley Rd, Ripley - Stage 1	Project No:	988
Component:	Level 1 Fill	Test Request:	
Lot Number:		ITP/PCP:	

Sample Information & Location

	60748	60749	60750	60751	60752
Sample Number:	60748	60749	60750	60751	60752
Field Test Number:	6	7	8	9	10
Date - Field Tested:	9/02/2022	9/02/2022	9/02/2022	9/02/2022	9/02/2022
Time - Field Tested:	AM	AM	AM	AM	AM
Material Source / Type:	On Site - Allotment Fill				
Remarks / Notes:					
Control Line:	Lot 274	Lot 355	Lot 307	Lot 272	Lot 273
Location/Chainage/Easting:	(m) 11m off BB	16m North, 19m West	9m off FB	9m off FB	3m North, 11m East
Position/Offset/Northing:	(m) 5m off LB	SE Corner	2m off LB	5m off LB	SW Corner
Level/Layer/R.L.	FL	FL	FL - 0.4m	FL - 0.5m	FL - 0.2m
Layer Depth:	(mm) -	-	-	-	-
Depth Tested:	(mm) 150	150	150	150	150

Field & Laboratory Results

Field Wet Density:	(t/m ³)	2.12	2.11	2.12	2.15	2.08
Field Dry Density:	(t/m ³)	1.91	1.95	1.94	1.99	1.91
Retained Oversize (Wet basis):	(%)	4% on 19.0mm	3% on 19.0mm	6% on 19.0mm	5% on 19.0mm	5% on 19.0mm
Material Description:		-	-	-	-	-
Moisture Content Method:		AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven
Field Moisture Content:	(%)	11.0	8.0	9.5	8.5	8.5
Adjusted Lab OMC:	(%)	12.0	8.4	10.5	9.8	8.9
Fraction Tested:		Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm
Lab Max Converted Wet Density:	(t/m ³)	2.10	2.13	2.15	2.16	2.11
Adjusted Lab Max CWD:	(t/m ³)	2.11	2.14	2.17	2.18	2.12
Compactive Effort:		Standard	Standard	Standard	Standard	Standard

Relative Compaction & Moisture

Moisture Variation	(%)	1.0% Drier than OMC	0.5% Drier than OMC	1.0% Drier than OMC	1.5% Drier than OMC	0.5% Drier than OMC
Moisture Ratio	(%)	93.5	96.0	89.5	84.5	95.0
Density Ratio	(%)	100.5	98.5	97.5	99.0	98.0


Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	95	98.0	10	98.37	0.88	0.405
Maximum (%)		-	-	-	-	-
Specified Moisture Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)		-	-	-	-	-
Maximum (%)		-	-	-	-	-

Test Methods Used.

AS1289.1.1 (Prep), AS1289.5.4.1 - (Dry Density Ratio, Moisture Variation & Ratio), AS1289.5.7.1 - (Hilf Density/Moisture Ratio (Rapid Method)), AS1289.5.8.1 (Nuclear Gauge, Direct Transmission), AS 1289.1.2.1, Cl 6.4(b) (Sampling), CV calculations derived from Austroads NTR-09 publication (Not Included in Nata endorsement)

Remarks Regarding the Lot.

Laboratory testing 09/02/2022 to 10/02/2022

	<p>Accredited for compliance with ISO/IEC 17025 - Testing. The results relate only to the items sampled/tested.</p> <p>Accreditation number: 19902</p>
---	--



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 Postal: PO Box 1232 Park Ridge QLD 4125
 Laboratory: 4/31 Tradelink Road Hillcrest Q 4118
 Telephone: 0437 776 582
 E-Mail: brisbane.south@asct.com.au
 Mobile: 0437 776 582
 A.B.N. 28 608 830 306

Compaction Control Test Report (Nuclear Gauge & Hilf) Page: 1 of 2

Client:	See Civil Pty Ltd	Report No:	85
Client Address:	108 Siganto Drive, Helensvale QLD 4210	Report Date:	14/02/2022
Project:	357 Ripley Rd, Ripley - Stage 1	Project No:	988
Component:	Level 1 Fill	Test Request:	
Lot Number:		ITP/PCP:	

Sample Information & Location

Sample Number:	60763	60764	60765	60766	60767
Field Test Number:	1	2	3	4	5
Date - Field Tested:	10/02/2022	10/02/2022	10/02/2022	10/02/2022	10/02/2022
Time - Field Tested:	AM	AM	AM	AM	AM
Material Source / Type:	On Site - Allotment Fill				
Remarks / Notes:					
Control Line:	Lot 266	Lot 266	Lot 267	Lot 267	Lot 268
Location/Chainage/Easting: (m)	2m off FB	8m off BB	10m off FB	7m off BB	4m off FB
Position/Offset/Northing: (m)	7m off LB	2m off LB	8m off LB	3m off LB	5m off LB
Level/Layer/R.L.	FL - 0.3m	FL	FL	FL - 0.3m	FL - 0.5m
Layer Depth: (mm)	-	-	-	-	-
Depth Tested: (mm)	150	150	150	150	150

Field & Laboratory Results

Field Wet Density: (t/m ³)	2.13	2.09	2.18	2.18	2.21
Field Dry Density: (t/m ³)	1.95	1.94	2.00	2.04	2.04
Retained Oversize (Wet basis): (%)	3% on 19.0mm	4% on 19.0mm	6% on 19.0mm	5% on 19.0mm	4% on 19.0mm
Material Description:	-	-	-	-	-
Moisture Content Method:	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven
Field Moisture Content: (%)	9.0	7.5	9.0	7.0	8.5
Adjusted Lab OMC: (%)	10.0	8.0	10.0	7.6	10.0
Fraction Tested:	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm
Lab Max Converted Wet Density: (t/m ³)	2.10	2.12	2.16	2.14	2.18
Adjusted Lab Max CWD: (t/m ³)	2.11	2.13	2.17	2.16	2.19
Compactive Effort:	Standard	Standard	Standard	Standard	Standard

Relative Compaction & Moisture

Moisture Variation (%)	1.0% Drier than OMC	0.5% Drier than OMC	1% Drier than OMC	0.5% Drier than OMC	1.5% Drier than OMC
Moisture Ratio (%)	90.0	93.5	88.0	93.0	85.0
Density Ratio (%)	101.0	98.0	100.5	101.0	101.0

Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	95	99.2	10	99.70	1.34	0.405
Maximum (%)		-	-	-	-	-
Specified Moisture Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)		-	-	-	-	-
Maximum (%)		-	-	-	-	-

Test Methods Used.

AS1289.1.1 (Prep), AS1289.5.4.1 - (Dry Density Ratio, Moisture Variation & Ratio), AS1289.5.7.1 - (Hilf Density/Moisture Ratio (Rapid Method)), AS1289.5.8.1 (Nuclear Gauge, Direct Transmission), AS 1289.1.2.1, Cl 6.4(b) (Sampling), CV calculations derived from Austroads NTR-09 publication (Not Included in NATA endorsement)

Remarks Regarding the Lot.

Laboratory testing 10/02/2022 to 11/02/2022



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Accreditation number: 19902

Approved By: A. Lenkeit
 Approved Signatory



ASCT Brisbane South
 Postal: PO Box 1232 Park Ridge QLD 4125
 Laboratory: 4/31 Tradelink Road Hillcrest Q 4118
 Telephone: 0437 776 582
 E-Mail: brisbane.south@asct.com.au
 Mobile: 0437 776 582
 A.B.N. 28 608 830 306

Compaction Control Test Report (Nuclear Gauge & Hilf) Page: 2 of 2

Client:	See Civil Pty Ltd	Report No:	85
Client Address:	108 Siganto Drive, Helensvale QLD 4210	Report Date:	14/02/2022
Project:	357 Ripley Rd, Ripley - Stage 1	Project No:	988
Component:	Level 1 Fill	Test Request:	
Lot Number:		ITP/PCP:	

Sample Information & Location

	60768	60769	60770	60771	60772
Sample Number:	6	7	8	9	10
Field Test Number:	10/02/2022	10/02/2022	10/02/2022	10/02/2022	10/02/2022
Date - Field Tested:	AM	AM	AM	AM	AM
Time - Field Tested:	On Site - Allotment Fill				
Material Source / Type:					
Remarks / Notes:					
Control Line:	Lot 268	Lot 269	Lot 269	Lot 270	Lot 271
Location/Chainage/Easting:	(m) 2m off BB	12m off FB	4m off BB	9m North, 9m West	14m off FB
Position/Offset/Northing:	(m) 6m off LB	9m off LB	6m off LB	SE Corner	4m off LB
Level/Layer/R.L.	FL - 0.2m	FL	FL - 0.3m	FL	FL
Layer Depth:	(mm) -	-	-	-	-
Depth Tested:	(mm) 150	150	150	150	150

Field & Laboratory Results

Field Wet Density:	(t/m ³)	2.13	2.14	2.12	2.17	2.18
Field Dry Density:	(t/m ³)	1.97	1.96	1.98	2.00	2.03
Retained Oversize (Wet basis):	(%)	4% on 19.0mm	7% on 19.0mm	3% on 19.0mm	4% on 19.0mm	4% on 19.0mm
Material Description:		-	-	-	-	-
Moisture Content Method:		AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven
Field Moisture Content:	(%)	8.0	9.5	7.5	8.0	7.5
Adjusted Lab OMC:	(%)	9.1	10.7	8.1	9.0	7.6
Fraction Tested:		Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm
Lab Max Converted Wet Density:	(t/m ³)	2.17	2.12	2.15	2.18	2.14
Adjusted Lab Max CWD:	(t/m ³)	2.18	2.15	2.16	2.19	2.15
Compactive Effort:		Standard	Standard	Standard	Standard	Standard

Relative Compaction & Moisture

Moisture Variation	(%)	1.0% Drier than OMC	1.5% Drier than OMC	0.5% Drier than OMC	1.0% Drier than OMC	At OMC
Moisture Ratio	(%)	89.5	86.5	92.0	91.5	97.0
Density Ratio	(%)	98.0	99.5	98.5	99.0	101.0

Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	95	99.2	10	99.70	1.34	0.405
Maximum (%)		-	-	-	-	-
Specified Moisture Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)		-	-	-	-	-
Maximum (%)		-	-	-	-	-

Test Methods Used.

AS1289.1.1 (Prep), AS1289.5.4.1 - (Dry Density Ratio, Moisture Variation & Ratio), AS1289.5.7.1 - (Hilf Density/Moisture Ratio (Rapid Method)), AS1289.5.8.1 (Nuclear Gauge, Direct Transmission), AS 1289.1.2.1, Cl 6.4(b) (Sampling), CV calculations derived from Austroads NTR-09 publication (Not Included in Nata endorsement)

Remarks Regarding the Lot.

Laboratory testing 10/02/2022 to 11/02/2022



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ASCT Brisbane South
 Postal: PO Box 1232 Park Ridge QLD 4125
 Laboratory: 4/31 Tradelink Road Hillcrest Q 4118
 Telephone: 0437 776 582
 E-Mail: brisbane.south@asct.com.au
 Mobile: 0437 776 582
 A.B.N. 28 608 830 306

Compaction Control Test Report (Nuclear Gauge & Hilf) Page: 1 of 2

Client:	See Civil Pty Ltd	Report No:	86
Client Address:	108 Siganto Drive, Helensvale QLD 4210	Report Date:	14/02/2022
Project:	357 Ripley Rd, Ripley - Stage 1	Project No:	988
Component:	Level 1 Fill	Test Request:	
Lot Number:		ITP/PCP:	

Sample Information & Location

Sample Number:	60773	60774	60775	60776	60777
Field Test Number:	1	2	3	4	5
Date - Field Tested:	10/02/2022	10/02/2022	10/02/2022	10/02/2022	10/02/2022
Time - Field Tested:	AM	AM	AM	AM	AM
Material Source / Type:	On Site - Allotment Fill				
Remarks / Notes:					
Control Line:	Lot 236	Lot 237	Lot 238	Lot 238	Lot 239
Location/Chainage/Easting: (m)	18m off FB	17m North, 19m East	16m off FB	9m off BB	13m off FB
Position/Offset/Northing: (m)	4m off LB	SW Corner	6m off LB	3m off LB	2m off LB
Level/Layer/R.L.	FL - 0.3m	FL	FL	FL - 0.2m	FL - 0.3m
Layer Depth: (mm)	-	-	-	-	-
Depth Tested: (mm)	150	150	150	150	150

Field & Laboratory Results

Field Wet Density: (t/m ³)	2.08	2.10	2.13	2.12	2.07
Field Dry Density: (t/m ³)	1.89	1.92	1.93	1.95	1.86
Retained Oversize (Wet basis): (%)	5% on 19.0mm	6% on 19.0mm	2% on 19.0mm	6% on 19.0mm	5% on 19.0mm
Material Description:	-	-	-	-	-
Moisture Content Method:	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven
Field Moisture Content: (%)	10.5	9.0	10.0	9.0	11.0
Adjusted Lab OMC: (%)	11.1	9.6	11.8	9.8	11.8
Fraction Tested:	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm
Lab Max Converted Wet Density: (t/m ³)	2.12	2.15	2.10	2.17	2.10
Adjusted Lab Max CWD: (t/m ³)	2.14	2.17	2.11	2.19	2.12
Compactive Effort:	Standard	Standard	Standard	Standard	Standard

Relative Compaction & Moisture

Moisture Variation (%)	1.0% Drier than OMC	0.5% Drier than OMC	2% Drier than OMC	1% Drier than OMC	0.5% Drier than OMC
Moisture Ratio (%)	93.0	94.5	85.0	90.0	94.5
Density Ratio (%)	97.0	96.5	101.0	97.0	97.5

Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	95	97.8	10	98.42	1.43	0.405
Maximum (%)		-	-	-	-	-
Specified Moisture Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)		-	-	-	-	-
Maximum (%)		-	-	-	-	-

Test Methods Used.

AS1289.1.1 (Prep), AS1289.5.4.1 - (Dry Density Ratio, Moisture Variation & Ratio), AS1289.5.7.1 - (Hilf Density/Moisture Ratio (Rapid Method)), AS1289.5.8.1 (Nuclear Gauge, Direct Transmission), AS 1289.1.2.1, Cl 6.4(b) (Sampling), CV calculations derived from Austroads NTR-09 publication (Not Included in NATA endorsement)

Remarks Regarding the Lot.

Laboratory testing 10/02/2022 to 11/02/2022



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Approved By: A. Lenkeit
 Approved Signatory


ASCT Brisbane South

 Postal: PO Box 1232 Park Ridge QLD 4125
 Laboratory: 4/31 Tradelink Road Hillcrest Q 4118
 Telephone: 0437 776 582
 E-Mail: brisbane.south@asct.com.au
 Mobile: 0437 776 582
 A.B.N. 28 608 830 306

Compaction Control Test Report (Nuclear Gauge & Hilf)

Page: 2 of 2

Client:	See Civil Pty Ltd	Report No:	86
Client Address:	108 Siganto Drive, Helensvale QLD 4210	Report Date:	14/02/2022
Project:	357 Ripley Rd, Ripley - Stage 1	Project No:	988
Component:	Level 1 Fill	Test Request:	
Lot Number:		ITP/PCP:	

Sample Information & Location

	60778	60779	60780	60781	60782
Sample Number:	6	7	8	9	10
Field Test Number:	10/02/2022	10/02/2022	10/02/2022	10/02/2022	10/02/2022
Date - Field Tested:	AM	AM	AM	AM	AM
Time - Field Tested:	On Site - Allotment Fill				
Material Source / Type:					
Remarks / Notes:					
Control Line:	Lot 239	Lot 240	Lot 240	Lot 241	Lot 241
Location/Chainage/Easting:	(m) 7m off BB	5m off FB	9m off BB	3m off FB	7m off BB
Position/Offset/Northing:	(m) 4m off LB	2m off LB	8m off LB	4m off LB	6m off LB
Level/Layer/R.L.	FL	FL - 0.3m	FL - 0.5m	FL - 0.2m	FL
Layer Depth:	(mm) -	-	-	-	-
Depth Tested:	(mm) 150	150	150	150	150

Field & Laboratory Results

Field Wet Density:	(t/m ³)	2.10	2.15	2.11	2.12	2.09
Field Dry Density:	(t/m ³)	1.91	1.98	1.91	1.92	1.92
Retained Oversize (Wet basis):	(%)	5% on 19.0mm	4% on 19.0mm	4% on 19.0mm	5% on 19.0mm	3% on 19.0mm
Material Description:		-	-	-	-	-
Moisture Content Method:		AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven
Field Moisture Content:	(%)	10.0	8.5	10.0	10.5	8.5
Adjusted Lab OMC:	(%)	11.7	9.3	11.6	11.3	9.6
Fraction Tested:		Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm
Lab Max Converted Wet Density:	(t/m ³)	2.13	2.16	2.14	2.12	2.08
Adjusted Lab Max CWD:	(t/m ³)	2.15	2.17	2.15	2.13	2.09
Compactive Effort:		Standard	Standard	Standard	Standard	Standard

Relative Compaction & Moisture

Moisture Variation	(%)	1.5% Drier than OMC	1.0% Drier than OMC	1.5% Drier than OMC	0.5% Drier than OMC	1.0% Drier than OMC
Moisture Ratio	(%)	85.0	92.0	87.5	95.0	91.0
Density Ratio	(%)	98.0	99.0	98.0	99.5	100.0

Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	95	97.8	10	98.42	1.43	0.405
Maximum (%)		-	-	-	-	-
Specified Moisture Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)		-	-	-	-	-
Maximum (%)		-	-	-	-	-

Test Methods Used.

AS1289.1.1 (Prep), AS1289.5.4.1 - (Dry Density Ratio, Moisture Variation & Ratio), AS1289.5.7.1 - (Hilf Density/Moisture Ratio (Rapid Method)), AS1289.5.8.1 (Nuclear Gauge, Direct Transmission), AS 1289.1.2.1, Cl 6.4(b) (Sampling), CV calculations derived from Austroads NTR-09 publication (Not Included in Nata endorsement)

Remarks Regarding the Lot.

Laboratory testing 10/02/2022 to 11/02/2022



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ASCT Brisbane South
 Postal: PO Box 1232 Park Ridge QLD 4125
 Laboratory: 4/31 Tradelink Road Hillcrest Q 4118
 Telephone: 0437 776 582
 E-Mail: brisbane.south@asct.com.au
 Mobile: 0437 776 582
 A.B.N. 28 608 830 306

Compaction Control Test Report (Nuclear Gauge & Hilf) Page: 1 of 2

Client:	See Civil Pty Ltd	Report No:	1
Client Address:	108 Siganto Drive, Helensvale QLD 4210	Report Date:	29/04/2022
Project:	357 Ripley Road - Northern Bulk Earthworks Strategy	Project No:	1206
Component:	Bulk Earthworks - Level 1	Test Request:	
Lot Number:		ITP/PCP:	

Sample Information & Location

Sample Number:	63571	63572	63573	63574	63575
Field Test Number:	1	2	3	4	5
Date - Field Tested:	13/04/2022	13/04/2022	13/04/2022	13/04/2022	13/04/2022
Time - Field Tested:	1135	1140	1145	1150	1155
Material Source / Type:	On Site - General Fill				
Remarks / Notes:					
Control Line:	-	-	-	-	-
Location/Chainage/Easting:	(m) E:7680.5	E:7714.9	E:7692.6	E:7669.2	E:7660.6
Position/Offset/Northing:	(m) N:40682.5	N:40677.8	N:40695.2	N:40661.4	N:40655.1
Level/Layer/R.L.	RL:62.0	RL:61.6	RL:61.2	RL:62.9	RL:63.0
Layer Depth:	(mm) -	-	-	-	-
Depth Tested:	(mm) 150	150	150	150	150

Field & Laboratory Results

Field Wet Density:	(t/m ³)	1.97	2.05	2.15	2.09	2.04
Field Dry Density:	(t/m ³)	1.66	1.80	1.93	1.88	1.79
Retained Oversize (Wet basis):	(%)	3% on 19.0mm	2% on 19.0mm	3% on 19.0mm	2% on 19.0mm	3% on 19.0mm
Material Description:		-	-	-	-	-
Moisture Content Method:		AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven
Field Moisture Content:	(%)	19.0	13.5	11.5	11.5	14.0
Adjusted Lab OMC:	(%)	20.8	15.8	12.0	13.5	16.1
Fraction Tested:		Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm
Lab Max Converted Wet Density:	(t/m ³)	1.96	2.00	2.12	2.08	2.01
Adjusted Lab Max CWD:	(t/m ³)	1.97	2.01	2.13	2.08	2.02
Compactive Effort:		Standard	Standard	Standard	Standard	Standard

Relative Compaction & Moisture

Moisture Variation	(%)	2.0% Drier than OMC	2.0% Drier than OMC	0.5% Drier than OMC	2.0% Drier than OMC	2.0% Drier than OMC
Moisture Ratio	(%)	90.5	86.5	96.5	84.5	86.5
Density Ratio	(%)	100.0	102.0	101.0	100.5	101.0

Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	95	100.4	6	100.80	0.68	0.523
Maximum (%)		-	-	-	-	-
Specified Moisture Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)		-	-	-	-	-
Maximum (%)		-	-	-	-	-

Test Methods Used.

AS1289.1.1 (Prep), AS1289.5.4.1 - (Dry Density Ratio, Moisture Variation & Ratio), AS1289.5.7.1 - (Hilf Density/Moisture Ratio (Rapid Method)), AS1289.5.8.1 (Nuclear Gauge, Direct Transmission), AS 1289.1.2.1, Cl 6.4(b) (Sampling), CV calculations derived from Austroads NTR-09 publication (Not Included in NATA endorsement)

Remarks Regarding the Lot.

Laboratory testing 28/04/2022

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ASCT Brisbane South
 Postal: PO Box 1232 Park Ridge QLD 4125
 Laboratory: 4/31 Tradelink Road Hillcrest Q 4118
 Telephone: 0437 776 582
 E-Mail: brisbane.south@asct.com.au
 Mobile: 0437 776 582
 A.B.N. 28 608 830 306

Compaction Control Test Report (Nuclear Gauge & Hilf) Page: 2 of 2

Client:	See Civil Pty Ltd	Report No:	1
Client Address:	108 Siganto Drive, Helensvale QLD 4210	Report Date:	29/04/2022
Project:	357 Ripley Road - Northern Bulk Earthworks Strategy	Project No:	1206
Component:	Bulk Earthworks - Level 1	Test Request:	
Lot Number:		ITP/PCP:	

Sample Information & Location

Sample Number:	63576	-	-	-	-
Field Test Number:	6	-	-	-	-
Date - Field Tested:	13/04/2022	-	-	-	-
Time - Field Tested:	1205	-	-	-	-
Material Source / Type:	On Site - General Fill				
Remarks / Notes:					
Control Line:	0	-	-	-	-
Location/Chainage/Easting:	(m) E:7658.2	-	-	-	-
Position/Offset/Northing:	(m) N:40671.2	-	-	-	-
Level/Layer/R.L.	RL:62.2	-	-	-	-
Layer Depth:	(mm) -	-	-	-	-
Depth Tested:	(mm) 150	-	-	-	-

Field & Laboratory Results

Field Wet Density:	(t/m ³)	2.10	-	-	-	-
Field Dry Density:	(t/m ³)	1.89	-	-	-	-
Retained Oversize (Wet basis):	(%)	1% on 19.0mm	-	-	-	-
Material Description:		-	-	-	-	-
Moisture Content Method:		AS1289.2.1.1 - Oven	-	-	-	-
Field Moisture Content:	(%)	11.0	-	-	-	-
Adjusted Lab OMC:	(%)	12.8	-	-	-	-
Fraction Tested:		Passing 19.0mm	-	-	-	-
Lab Max Converted Wet Density:	(t/m ³)	2.09	-	-	-	-
Adjusted Lab Max CWD:	(t/m ³)	2.10	-	-	-	-
Compactive Effort:		Standard	-	-	-	-

Relative Compaction & Moisture

Moisture Variation	(%)	2.0% Drier than OMC	-	-	-	-
Moisture Ratio	(%)	84.5	-	-	-	-
Density Ratio	(%)	100.0	-	-	-	-


Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	95	100.4	6	100.80	0.68	0.523
Maximum (%)		-	-	-	-	-
Specified Moisture Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)		-	-	-	-	-
Maximum (%)		-	-	-	-	-

Test Methods Used.

AS1289.1.1 (Prep), AS1289.5.4.1 - (Dry Density Ratio, Moisture Variation & Ratio), AS1289.5.7.1 - (Hilf Density/Moisture Ratio (Rapid Method)), AS1289.5.8.1 (Nuclear Gauge, Direct Transmission), AS 1289.1.2.1, Cl 6.4(b) (Sampling), CV calculations derived from Austroads NTR-09 publication (Not Included in NATA endorsement)

Remarks Regarding the Lot.

Laboratory testing 28/04/2022

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ASCT Brisbane South
 Postal: PO Box 1232 Park Ridge QLD 4125
 Laboratory: 4/31 Tradelink Road Hillcrest Q 4118
 Telephone: 0437 776 582
 E-Mail: brisbane.south@asct.com.au
 Mobile: 0437 776 582
 A.B.N. 28 608 830 306

Compaction Control Test Report (Nuclear Gauge & Hilf) Page: 1 of 1

Client:	See Civil Pty Ltd	Report No:	2
Client Address:	108 Siganto Drive, Helensvale QLD 4210	Report Date:	29/04/2022
Project:	357 Ripley Road - Northern Bulk Earthworks Strategy	Project No:	1206
Component:	Bulk Earthworks - Basin	Test Request:	
Lot Number:		ITP/PCP:	

Sample Information & Location

Sample Number:	63714	63715	-	-	-
Field Test Number:	1	2	-	-	-
Date - Field Tested:	19/04/2022	19/04/2022	-	-	-
Time - Field Tested:	1105	1110	-	-	-
Material Source / Type:	Onsite - General Fill				
Remarks / Notes:					
Control Line:	-				
Location/Chainage/Easting:	(m) E:7827.4	E:7843.6	-	-	-
Position/Offset/Northing:	(m) N:40756.2	N:40763.2	-	-	-
Level/Layer/R.L.	RL:59.8	RL:59.2	-	-	-
Layer Depth:	(mm) -	-	-	-	-
Depth Tested:	(mm) 150	150	-	-	-

Field & Laboratory Results

Field Wet Density:	(t/m ³) 2.05	2.07	-	-	-
Field Dry Density:	(t/m ³) 1.84	1.84	-	-	-
Retained Oversize (Wet basis):	(%) 1% on 19.0mm	0% on 19.0mm	-	-	-
Material Description:	-	-	-	-	-
Moisture Content Method:	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	-	-	-
Field Moisture Content:	(%) 11.5	12.0	-	-	-
Adjusted Lab OMC:	(%) 13.6	14.3	-	-	-
Fraction Tested:	Passing 19.0mm	Passing 19.0mm	-	-	-
Lab Max Converted Wet Density:	(t/m ³) 2.05	2.10	-	-	-
Adjusted Lab Max CWD:	(t/m ³) 2.06	2.10	-	-	-
Compactive Effort:	Standard	Standard	-	-	-

Relative Compaction & Moisture

Moisture Variation	(%) 2.0% Drier than OMC	2.0% Drier than OMC	-	-	-
Moisture Ratio	(%) 84.5	85.0	-	-	-
Density Ratio	(%) 100.0	98.5	-	-	-

Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	95	98.2	2	99.10	0.99	0.905
Maximum (%)		-	-	-	-	-
Specified Moisture Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)		-	-	-	-	-
Maximum (%)		-	-	-	-	-

Test Methods Used.

AS1289.1.1 (Prep), AS1289.5.4.1 - (Dry Density Ratio, Moisture Variation & Ratio), AS1289.5.7.1 - (Hilf Density/Moisture Ratio (Rapid Method)), AS1289.5.8.1 (Nuclear Gauge, Direct Transmission), AS 1289.1.2.1, Cl 6.4(b) (Sampling), CV calculations derived from Austroads NTR-09 publication (Not Included in NATA endorsement)

Remarks Regarding the Lot.

Laboratory testing 28/04/2022

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	Accreditation number: 19902	



**AUSTRALIAN
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ASCT Brisbane South

Postal: PO Box 1232 Park Ridge QLD 4125
 Laboratory: 4/31 Tradelink Road Hillcrest Q 4118
 Telephone: 0437 776 582
 E-Mail: brisbane.south@asct.com.au
 Mobile: 0437 776 582
 A.B.N. 28 608 830 306

Compaction Control Test Report (Nuclear Gauge & Hilf) Page: 1 of 1

Client:	See Civil Pty Ltd	Report No:	3
Client Address:	108 Siganto Drive, Helensvale QLD 4210	Report Date:	10/05/2022
Project:	357 Ripley Road - Northern Bulk Earthworks Strategy	Project No:	1206
Component:	Bulk Earthworks - Level 1	Test Request:	
Lot Number:		ITP/PCP:	

Sample Information & Location

Sample Number:	64153	64154	64155	-	-
Field Test Number:	1	2	3	-	-
Date - Field Tested:	28/04/2022	28/04/2022	28/04/2022	-	-
Time - Field Tested:	1135	1145	1155	-	-
Material Source / Type:	On Site - General Fill				
Remarks / Notes:					
Control Line:	-	-	-		
Location/Chainage/Easting:	(m) E:7809.6	E:7755.4	E:7748.6	-	-
Position/Offset/Northing:	(m) N:40693.0	N:40704.2	N:40727.2	-	-
Level/Layer/R.L.	RL:61.2	RL:60.0	RL:59.4	-	-
Layer Depth:	(mm) -	-	-	-	-
Depth Tested:	(mm) 150	150	150	-	-

Field & Laboratory Results

Field Wet Density:	(t/m ³) 2.05	2.11	2.08	-	-
Field Dry Density:	(t/m ³) 1.82	1.89	1.85	-	-
Retained Oversize (Wet basis):	(%) 2% on 19.0mm	1% on 19.0mm	3% on 19.0mm	-	-
Material Description:	-	-	-	-	-
Moisture Content Method:	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	-	-
Field Moisture Content:	(%) 12.5	11.5	12.5	-	-
Adjusted Lab OMC:	(%) 13.2	13.3	14.5	-	-
Fraction Tested:	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	-	-
Lab Max Converted Wet Density:	(t/m ³) 2.02	2.05	2.11	-	-
Adjusted Lab Max CWD:	(t/m ³) 2.02	2.06	2.11	-	-
Compactive Effort:	Standard	Standard	Standard	-	-

Relative Compaction & Moisture

Moisture Variation	(%) 0.5% Drier than OMC	1.5% Drier than OMC	2.0% Drier than OMC	-	-
Moisture Ratio	(%) 96.5	87.5	86.0	-	-
Density Ratio	(%) 101.5	102.5	98.5	-	-

Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	95	99.2	3	100.83	2.15	0.739
Maximum (%)		-	-	-	-	-
Specified Moisture Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)		-	-	-	-	-
Maximum (%)		-	-	-	-	-

Test Methods Used.

AS1289.1.1 (Prep), AS1289.5.4.1 - (Dry Density Ratio, Moisture Variation & Ratio), AS1289.5.7.1 - (Hilf Density/Moisture Ratio (Rapid Method)), AS1289.5.8.1 (Nuclear Gauge, Direct Transmission), AS 1289.1.2.1, Cl 6.4(b) (Sampling), CV calculations derived from Austroads NTR-09 publication (Not Included in NATA endorsement)

Remarks Regarding the Lot.

Laboratory testing 06/05/2022



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Accreditation number: 19902

Approved By: A. Lenkeit
 Approved Signatory



ASCT Brisbane South

Postal: PO Box 1232 Park Ridge QLD 4125
 Laboratory: 4/31 Tradelink Road Hillcrest Q 4118
 Telephone: 0437 776 582
 E-Mail: brisbane.south@asct.com.au
 Mobile: 0437 776 582
 A.B.N. 28 608 830 306

Compaction Control Test Report (Nuclear Gauge & Hilf)		Page:	1 of 1
Client:	See Civil Pty Ltd	Report No:	4
Client Address:	108 Siganto Drive, Helensvale QLD 4210	Report Date:	12/05/2022
Project:	357 Ripley Road - Northern Bulk Earthworks Strategy	Project No:	1206
Component:	Bulk Earthworks - Level 1	Test Request:	
Lot Number:		ITP/PCP:	

Sample Information & Location						
Sample Number:		64440	64441	64442	64443	64444
Field Test Number:		1	2	3	4	5
Date - Field Tested:		5/05/2022	5/05/2022	5/05/2022	5/05/2022	5/05/2022
Time - Field Tested:		0735	0740	0745	0750	0800
Material Source / Type:		On Site - General Fill				
Remarks / Notes:						
Control Line:		-	-	-	-	-
Location/Chainage/Easting:	(m)	E:7683.6	E:7761.7	E:7804.3	E:7810.5	E:7640.6
Position/Offset/Northing:	(m)	N:40687.3	N:40698.9	N:40669.2	N:40684.8	N:40660.3
Level/Layer/R.L.		RL:62.4	RL:62.0	RL:62.2	RL:62.6	RL:64.0
Layer Depth:	(mm)	-	-	-	-	-
Depth Tested:	(mm)	150	150	150	150	150

Field & Laboratory Results						
Field Wet Density:	(t/m ³)	2.10	2.06	2.09	2.11	2.06
Field Dry Density:	(t/m ³)	1.90	1.86	1.89	1.92	1.87
Retained Oversize (Wet basis):	(%)	3% on 19.0mm	2% on 19.0mm	3% on 19.0mm	4% on 19.0mm	4% on 19.0mm
Material Description:		-	-	-	-	-
Moisture Content Method:		AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven
Field Moisture Content:	(%)	10.0	10.5	10.5	10.0	10.5
Adjusted Lab OMC:	(%)	12.2	12.3	12.5	12.2	12.6
Fraction Tested:		Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm
Lab Max Converted Wet Density:	(t/m ³)	2.16	2.16	2.14	2.16	2.13
Adjusted Lab Max CWD:	(t/m ³)	2.16	2.16	2.15	2.17	2.14
Compactive Effort:		Standard	Standard	Standard	Standard	Standard

Relative Compaction & Moisture						
Moisture Variation	(%)	2.0% Drier than OMC	2.0% Drier than OMC	2.0% Drier than OMC	2.0% Drier than OMC	2.0% Drier than OMC
Moisture Ratio	(%)	84.0	85.5	85.0	83.0	83.5
Density Ratio	(%)	97.0	95.0	97.0	97.5	96.5

Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	95	96.1	5	96.62	0.97	0.572
Maximum (%)		-	-	-	-	-
Specified Moisture Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)		-	-	-	-	-
Maximum (%)		-	-	-	-	-

Test Methods Used.
 AS1289.1.1 (Prep), AS1289.5.4.1 - (Dry Density Ratio, Moisture Variation & Ratio), AS1289.5.7.1 - (Hilf Density/Moisture Ratio (Rapid Method)), AS1289.5.8.1 (Nuclear Gauge, Direct Transmission), AS 1289.1.2.1, Cl 6.4(b) (Sampling), CV calculations derived from Austroads NTR-09 publication (Not Included in Nata endorsement)

Remarks Regarding the Lot.
 Laboratory testing 10/05/2022



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Accreditation number: 19902

Approved By: A. Lenkeit
 Approved Signatory



ASCT Brisbane South
 Postal: PO Box 1232 Park Ridge QLD 4125
 Laboratory: 4/31 Tradelink Road Hillcrest Q 4118
 Telephone: 0437 776 582
 E-Mail: brisbane.south@asct.com.au
 Mobile: 0437 776 582
 A.B.N. 28 608 830 306

Compaction Control Test Report (Nuclear Gauge & Hilf) Page: 1 of 2

Client:	See Civil Pty Ltd	Report No:	5
Client Address:	108 Siganto Drive, Helensvale QLD 4210	Report Date:	8/06/2022
Project:	357 Ripley Road - Northern Bulk Earthworks Strategy	Project No:	1206
Component:	Bulk Earthworks	Test Request:	
Lot Number:		ITP/PCP:	

Sample Information & Location

Sample Number:	65318	65319	65320	65321	65322
Field Test Number:	1	2	3	4	5
Date - Field Tested:	1/06/2022	1/06/2022	1/06/2022	1/06/2022	1/06/2022
Time - Field Tested:	1135	1140	1145	1155	1200
Material Source / Type:	On site - General Fill				
Remarks / Notes:					
Control Line:	-	-	-	-	-
Location/Chainage/Easting:	(m) E:7939.3	E:7927.3	E:7959.2	E:7952.9	E:7922.7
Position/Offset/Northing:	(m) N:40735.5	N:40735.4	N:40663.1	N:40668.5	N:40668.4
Level/Layer/R.L.	RL:64.9	RL:63.9	RL:66.9	RL:66.6	RL:64.6
Layer Depth:	(mm) -	-	-	-	-
Depth Tested:	(mm) 150	150	150	150	150

Field & Laboratory Results

Field Wet Density:	(t/m ³)	2.18	2.15	2.03	2.10	2.16
Field Dry Density:	(t/m ³)	2.00	1.97	1.83	1.93	1.97
Retained Oversize (Wet basis):	(%)	4% on 19.0mm	4% on 19.0mm	2% on 19.0mm	6% on 19.0mm	4% on 19.0mm
Material Description:		-	-	-	-	-
Moisture Content Method:		AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven
Field Moisture Content:	(%)	9.0	9.5	10.5	9.0	9.5
Adjusted Lab OMC:	(%)	11.3	11.3	12.5	10.8	11.6
Fraction Tested:		Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm
Lab Max Converted Wet Density:	(t/m ³)	2.15	2.15	2.06	2.19	2.11
Adjusted Lab Max CWD:	(t/m ³)	2.15	2.15	2.07	2.19	2.12
Compactive Effort:		Standard	Standard	Standard	Standard	Standard

Relative Compaction & Moisture

Moisture Variation	(%)	2.0% Drier than OMC	2.0% Drier than OMC	2.0% Drier than OMC	2.0% Drier than OMC	2.0% Drier than OMC
Moisture Ratio	(%)	80.5	82.5	86.0	82.0	81.0
Density Ratio	(%)	101.0	100.0	98.0	96.0	102.0

Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	95	98.9	8	99.74	1.96	0.453
Maximum (%)		-	-	-	-	-
Specified Moisture Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)		-	-	-	-	-
Maximum (%)		-	-	-	-	-

Test Methods Used.

AS1289.1.1 (Prep), AS1289.5.4.1 - (Dry Density Ratio, Moisture Variation & Ratio), AS1289.5.7.1 - (Hilf Density/Moisture Ratio (Rapid Method)), AS1289.5.8.1 (Nuclear Gauge, Direct Transmission), AS 1289.1.2.1, Cl 6.4(b) (Sampling), CV calculations derived from Austroads NTR-09 publication (Not Included in NATA endorsement)

Remarks Regarding the Lot.

Laboratory testing 06/06/2022



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A. Lenkeit

Approved By: A. Lenkeit
 Approved Signatory



ASCT Brisbane South
 Postal: PO Box 1232 Park Ridge QLD 4125
 Laboratory: 4/31 Tradelink Road Hillcrest Q 4118
 Telephone: 0437 776 582
 E-Mail: brisbane.south@asct.com.au
 Mobile: 0437 776 582
 A.B.N. 28 608 830 306

Compaction Control Test Report (Nuclear Gauge & Hilf) Page: 2 of 2

Client:	See Civil Pty Ltd	Report No:	5
Client Address:	108 Siganto Drive, Helensvale QLD 4210	Report Date:	8/06/2022
Project:	357 Ripley Road - Northern Bulk Earthworks Strategy	Project No:	1206
Component:	Bulk Earthworks	Test Request:	
Lot Number:		ITP/PCP:	

Sample Information & Location

	65323	65324	65325	-	-
Sample Number:	6	7	8	-	-
Field Test Number:	1/06/2022	1/06/2022	1/06/2022	-	-
Date - Field Tested:	1210	1215	1220	-	-
Time - Field Tested:	On site - General Fill				
Material Source / Type:	On site - General Fill				
Remarks / Notes:					
Control Line:	0	0	0	-	-
Location/Chainage/Easting:	(m) E:7926.7	E:7901.7	E:7919.3	-	-
Position/Offset/Northing:	(m) N:40685.9	N:40692.2	N:40702.2	-	-
Level/Layer/R.L.	RL:64.6	RL:62.9	RL:62.6	-	-
Layer Depth:	(mm) -	-	-	-	-
Depth Tested:	(mm) 150	150	150	-	-

Field & Laboratory Results

Field Wet Density:	(t/m ³)	2.12	2.15	2.10	-	-
Field Dry Density:	(t/m ³)	1.92	1.95	1.92	-	-
Retained Oversize (Wet basis):	(%)	3% on 19.0mm	4% on 19.0mm	1% on 19.0mm	-	-
Material Description:		-	-	-	-	-
Moisture Content Method:		AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	-	-
Field Moisture Content:	(%)	10.5	10.0	9.5	-	-
Adjusted Lab OMC:	(%)	12.8	9.5	11.3	-	-
Fraction Tested:		Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	-	-
Lab Max Converted Wet Density:	(t/m ³)	2.12	2.12	2.10	-	-
Adjusted Lab Max CWD:	(t/m ³)	2.13	2.13	2.10	-	-
Compactive Effort:		Standard	Standard	Standard	-	-

Relative Compaction & Moisture

Moisture Variation	(%)	2.0% Drier than OMC	0.5% Wetter than OMC	2.0% Drier than OMC	-	-
Moisture Ratio	(%)	82.5	104.5	84.5	-	-
Density Ratio	(%)	99.5	101.0	100.0	-	-

Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	95	98.9	8	99.74	1.96	0.453
Maximum (%)		-	-	-	-	-
Specified Moisture Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)		-	-	-	-	-
Maximum (%)		-	-	-	-	-

Test Methods Used.

AS1289.1.1 (Prep), AS1289.5.4.1 - (Dry Density Ratio, Moisture Variation & Ratio), AS1289.5.7.1 - (Hilf Density/Moisture Ratio (Rapid Method)), AS1289.5.8.1 (Nuclear Gauge, Direct Transmission), AS 1289.1.2.1, Cl 6.4(b) (Sampling), CV calculations derived from Austroads NTR-09 publication (Not Included in NATA endorsement)

Remarks Regarding the Lot.

Laboratory testing 06/06/2022



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ASCT Brisbane South

Postal: PO Box 1232 Park Ridge QLD 4125
 Laboratory: 4/31 Tradelink Road Hillcrest Q 4118
 Telephone: 0437 776 582
 E-Mail: brisbane.south@asct.com.au
 Mobile: 0437 776 582
 A.B.N. 28 608 830 306

Compaction Control Test Report (Nuclear Gauge & Hilf) Page: 1 of 1

Client:	See Civil Pty Ltd	Report No:	6
Client Address:	108 Siganto Drive, Helensvale QLD 4210	Report Date:	15/06/2022
Project:	357 Ripley Road - Northern Bulk Earthworks Strategy	Project No:	1206
Component:	Bulk Earthworks - Road Subgrade	Test Request:	
Lot Number:		ITP/PCP:	

Sample Information & Location

Sample Number:	65522	65523	65524	65525	-
Field Test Number:	1	2	3	4	-
Date - Field Tested:	8/06/2022	8/06/2022	8/06/2022	8/06/2022	-
Time - Field Tested:	1145	1150	1155	1200	-
Material Source / Type:	On Site - General Fill				
Remarks / Notes:					
Control Line:	-	-	-	-	-
Location/Chainage/Easting:	(m) E:7920.8	E:7947.9	E:7856.4	E:7972.6	-
Position/Offset/Northing:	(m) N:40715.5	N:40635.4	N:40686.5	N:40707.4	-
Level/Layer/R.L.	RL:63.4	RL:65.7	RL:60.8	RL:66.9	-
Layer Depth:	(mm) -	-	-	-	-
Depth Tested:	(mm) 150	150	150	150	-

Field & Laboratory Results

Field Wet Density:	(t/m ³)	2.08	2.10	2.15	2.14	-
Field Dry Density:	(t/m ³)	1.88	1.89	1.95	1.94	-
Retained Oversize (Wet basis):	(%)	4% on 19.0mm	4% on 19.0mm	4% on 19.0mm	3% on 19.0mm	-
Material Description:		-	-	-	-	-
Moisture Content Method:		AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	-
Field Moisture Content:	(%)	10.5	11.5	10.0	10.0	-
Adjusted Lab OMC:	(%)	12.5	12.9	11.9	11.5	-
Fraction Tested:		Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	-
Lab Max Converted Wet Density:	(t/m ³)	2.07	2.09	2.11	2.12	-
Adjusted Lab Max CWD:	(t/m ³)	2.08	2.09	2.12	2.13	-
Compactive Effort:		Standard	Standard	Standard	Standard	-

Relative Compaction & Moisture

Moisture Variation	(%)	2.0% Drier than OMC	1.5% Drier than OMC	1.5% Drier than OMC	1.5% Drier than OMC	-
Moisture Ratio	(%)	85.0	88.0	86.0	85.5	-
Density Ratio	(%)	100.0	100.5	101.5	100.5	-

Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	100	100.1	4	100.58	0.70	0.640
Maximum (%)		-	-	-	-	-
Specified Moisture Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)		-	-	-	-	-
Maximum (%)		-	-	-	-	-

Test Methods Used.

AS1289.1.1 (Prep), AS1289.5.4.1 - (Dry Density Ratio, Moisture Variation & Ratio), AS1289.5.7.1 - (Hilf Density/Moisture Ratio (Rapid Method)), AS1289.5.8.1 (Nuclear Gauge, Direct Transmission), AS 1289.1.2.1, Cl 6.4(b) (Sampling), CV calculations derived from Austroads NTR-09 publication (Not Included in NATA endorsement)

Remarks Regarding the Lot.

Laboratory testing 14/06/2022



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Approved By: A. Lenkeit
 Approved Signatory



ASCT Brisbane South
 Postal: PO Box 1232 Park Ridge QLD 4125
 Laboratory: 4/31 Tradelink Road Hillcrest Q 4118
 Telephone: 0437 776 582
 E-Mail: brisbane.south@asct.com.au
 Mobile: 0437 776 582
 A.B.N. 28 608 830 306

Compaction Control Test Report (Nuclear Gauge & Hilf) Page: 1 of 1

Client:	See Civil Pty Ltd	Report No:	7
Client Address:	108 Siganto Drive, Helensvale QLD 4210	Report Date:	20/06/2022
Project:	357 Ripley Road - Northern Bulk Earthworks Strategy	Project No:	1206
Component:	Bulk Earthworks	Test Request:	
Lot Number:		ITP/PCP:	

Sample Information & Location

Sample Number:	65580	65581	65582	65583	65584
Field Test Number:	1	2	3	4	5
Date - Field Tested:	10/06/2022	10/06/2022	10/06/2022	10/06/2022	10/06/2022
Time - Field Tested:	1145	1150	1155	1200	1205
Material Source / Type:	On Site - General Fill				
Remarks / Notes:					
Control Line:	-	-	-	-	-
Location/Chainage/Easting:	(m) E:7975.5	E:7950.8	E:7924.7	E:7875.6	E:7899.2
Position/Offset/Northing:	(m) N:40611.6	N:40610.7	N:40616.3	N:40613.1	N:40609.2
Level/Layer/R.L.	RL:68.0	RL:66.4	RL:64.9	RL:62.9	RL:63.6
Layer Depth:	(mm) -	-	-	-	-
Depth Tested:	(mm) 150	150	150	150	150

Field & Laboratory Results

Field Wet Density:	(t/m ³)	2.10	2.06	2.09	2.11	2.04
Field Dry Density:	(t/m ³)	1.93	1.87	1.89	1.93	1.85
Retained Oversize (Wet basis):	(%)	4% on 19.0mm	3% on 19.0mm	2% on 19.0mm	1% on 19.0mm	1% on 19.0mm
Material Description:		-	-	-	-	-
Moisture Content Method:		AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven
Field Moisture Content:	(%)	8.5	10.0	10.5	9.0	10.5
Adjusted Lab OMC:	(%)	10.5	11.7	11.7	10.8	12.0
Fraction Tested:		Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm
Lab Max Converted Wet Density:	(t/m ³)	2.14	2.12	2.16	2.15	2.07
Adjusted Lab Max CWD:	(t/m ³)	2.15	2.12	2.17	2.15	2.07
Compactive Effort:		Standard	Standard	Standard	Standard	Standard

Relative Compaction & Moisture

Moisture Variation	(%)	2.0% Drier than OMC	1.5% Drier than OMC	1.0% Drier than OMC	2.0% Drier than OMC	1.5% Drier than OMC
Moisture Ratio	(%)	81.5	86.0	89.5	84.0	86.0
Density Ratio	(%)	98.0	97.0	96.5	98.0	98.5

Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	95	97.1	5	97.58	0.85	0.572
Maximum (%)		-	-	-	-	-
Specified Moisture Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)		-	-	-	-	-
Maximum (%)		-	-	-	-	-

Test Methods Used.

AS1289.1.1 (Prep), AS1289.5.4.1 - (Dry Density Ratio, Moisture Variation & Ratio), AS1289.5.7.1 - (Hilf Density/Moisture Ratio (Rapid Method)), AS1289.5.8.1 (Nuclear Gauge, Direct Transmission), AS 1289.1.2.1, Cl 6.4(b) (Sampling), CV calculations derived from Austroads NTR-09 publication (Not Included in NATA endorsement)

Remarks Regarding the Lot.

Laboratory testing 11/06/2022



Accredited for compliance with ISO/IEC 17025 - Testing. The results relate only to the items sampled/tested.

Accreditation number: 19902

Approved By: A. Lenkeit
 Approved Signatory



ASCT Brisbane South
 Postal: PO Box 1232 Park Ridge QLD 4125
 Laboratory: 4/31 Tradelink Road Hillcrest Q 4118
 Telephone: 0437 776 582
 E-Mail: brisbane.south@asct.com.au
 Mobile: 0437 776 582
 A.B.N. 28 608 830 306

Compaction Control Test Report (Nuclear Gauge & Hilf) Page: 1 of 1

Client:	See Civil Pty Ltd	Report No:	9
Client Address:	108 Siganto Drive, Helensvale QLD 4210	Report Date:	27/06/2022
Project:	357 Ripley Road - Northern Bulk Earthworks Strategy	Project No:	1206
Component:	Bulk Earthworks - Roads	Test Request:	
Lot Number:		ITP/PCP:	

Sample Information & Location

Sample Number:	66201	66202	66203	66204	66205
Field Test Number:	1	2	3	4	5
Date - Field Tested:	15/06/2022	15/06/2022	15/06/2022	15/06/2022	15/06/2022
Time - Field Tested:	0700	0710	0720	0730	0740
Material Source / Type:	Onsite - General Fill				
Remarks / Notes:					
Control Line:	-	-	-	-	-
Location/Chainage/Easting:	(m) E:7722.1	E:7873.3	E:7910.5	E:7847.3	E:7747.9
Position/Offset/Northing:	(m) N:40668.6	N:40570.2	N:40537.4	N:40617.6	N:40650.3
Level/Layer/R.L.	RL:62.1	RL:62.4	RL:62.7	RL:61.3	RL:62.4
Layer Depth:	(mm) -	-	-	-	-
Depth Tested:	(mm) 150	150	150	150	150

Field & Laboratory Results

Field Wet Density:	(t/m ³)	2.10	2.12	2.08	2.14	2.12
Field Dry Density:	(t/m ³)	1.94	1.95	1.92	1.95	1.96
Retained Oversize (Wet basis):	(%)	3% on 19.0mm	5% on 19.0mm	5% on 19.0mm	4% on 19.0mm	3% on 19.0mm
Material Description:		-	-	-	-	-
Moisture Content Method:		AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven
Field Moisture Content:	(%)	8.0	9.0	8.5	9.5	8.0
Adjusted Lab OMC:	(%)	10.0	10.4	10.2	11.4	9.5
Fraction Tested:		Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm
Lab Max Converted Wet Density:	(t/m ³)	2.08	2.07	2.06	2.11	2.09
Adjusted Lab Max CWD:	(t/m ³)	2.09	2.08	2.07	2.12	2.10
Compactive Effort:		Standard	Standard	Standard	Standard	Standard

Relative Compaction & Moisture

Moisture Variation	(%)	2.0% Drier than OMC	1.5% Drier than OMC	1.5% Drier than OMC	1.5% Drier than OMC	2.0% Drier than OMC
Moisture Ratio	(%)	80.5	85.5	83.0	84.5	82.0
Density Ratio	(%)	100.5	102.0	100.5	101.0	101.0

Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	100	100.6	5	100.96	0.56	0.572
Maximum (%)		-	-	-	-	-
Specified Moisture Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)		-	-	-	-	-
Maximum (%)		-	-	-	-	-

Test Methods Used.

AS1289.1.1 (Prep), AS1289.5.4.1 - (Dry Density Ratio, Moisture Variation & Ratio), AS1289.5.7.1 - (Hilf Density/Moisture Ratio (Rapid Method)), AS1289.5.8.1 (Nuclear Gauge, Direct Transmission), AS 1289.1.2.1, Cl 6.4(b) (Sampling), CV calculations derived from Austroads NTR-09 publication (Not Included in NATA endorsement)

Remarks Regarding the Lot.

Laboratory testing 23/06/2022



Accredited for compliance with ISO/IEC 17025 - Testing. The results relate only to the items sampled/tested.

Accreditation number: 19902

Approved By: A. Lenkeit
 Approved Signatory



ASCT Brisbane South

Postal: PO Box 1232 Park Ridge QLD 4125
 Laboratory: 4/31 Tradelink Road Hillcrest Q 4118
 Telephone: 0437 776 582
 E-Mail: brisbane.south@asct.com.au
 Mobile: 0437 776 582
 A.B.N. 28 608 830 306

Compaction Control Test Report (Nuclear Gauge & Hilf) Page: 1 of 2

Client:	See Civil Pty Ltd	Report No:	10
Client Address:	108 Siganto Drive, Helensvale QLD 4210	Report Date:	19/09/2022
Project:	357 Ripley Road - Northern Bulk Earthworks Strategy	Project No:	1206
Component:	Allotment Fill - Level 1	Test Request:	
Lot Number:		ITP/PCP:	

Sample Information & Location

	69940	69941	69942	69943	69944
Sample Number:	1	2	3	4	5
Field Test Number:	25/08/2022	25/08/2022	25/08/2022	25/08/2022	25/08/2022
Date - Field Tested:	0725	0730	0735	0740	0745
Time - Field Tested:	On Site - General Fill				
Material Source / Type:					
Remarks / Notes:					
Control Line:	Lot 198	Lot 199	Lot 200	Lot 200	Lot 201
Location/Chainage/Easting:	(m) 10m off East Boundary	(m) 10m off East Boundary	4m off East Boundary	6m off East Boundary	8m off East Boundary
Position/Offset/Northing:	(m) 9m off North Boundary	(m) 10m off North Boundary	20m off North Boundary	12m off North Boundary	6m off North Boundary
Level/Layer/R.L.	1.0m BFL	F/L	1.5m BFL	0.5m BFL	1.5m BFL
Layer Depth:	(mm) -	(mm) -	(mm) -	(mm) -	(mm) -
Depth Tested:	(mm) 150	(mm) 150	(mm) 150	(mm) 150	(mm) 150

Field & Laboratory Results

Field Wet Density:	(t/m ³)	2.07	2.05	2.11	2.02	2.08
Field Dry Density:	(t/m ³)	1.87	1.83	1.94	1.83	1.92
Retained Oversize (Wet basis):	(%)	2% on 19.0mm	6% on 19.0mm	9% on 19.0mm	5% on 19.0mm	7% on 19.0mm
Material Description:		-	-	-	-	-
Moisture Content Method:		AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven
Field Moisture Content:	(%)	11.0	12.0	9.0	10.5	8.5
Adjusted Lab OMC:	(%)	13.1	13.9	11.1	12.0	10.7
Fraction Tested:		Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm
Lab Max Converted Wet Density:	(t/m ³)	2.14	2.08	2.05	2.11	2.09
Adjusted Lab Max CWD:	(t/m ³)	2.15	2.10	2.08	2.13	2.12
Compactive Effort:		Standard	Standard	Standard	Standard	Standard

Relative Compaction & Moisture

Moisture Variation	(%)	2.0% Dryer than OMC	2.0% Dryer than OMC	2.0% Dryer than OMC	1.5% Dryer than OMC	2.0% Dryer than OMC
Moisture Ratio	(%)	84.5	85.5	80.5	88.0	81.5
Density Ratio	(%)	96.5	97.5	101.5	95.0	98.5

Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	95	97.4	10	98.16	1.96	0.405
Maximum (%)		-	-	-	-	-
Specified Moisture Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	-2	83.6	10	84.62	2.52	0.405
Maximum (%)	2	85.6	10	84.62	2.52	0.405

Test Methods Used.

AS1289.1.1 (Prep), AS1289.5.4.1 - (Dry Density Ratio, Moisture Variation & Ratio), AS1289.5.7.1 - (Hilf Density/Moisture Ratio (Rapid Method)), AS1289.5.8.1 (Nuclear Gauge, Direct Transmission), AS 1289.1.2.1, Cl 6.4(b) (Sampling), CV calculations derived from Austroads NTR-09 publication (Not Included in Nata endorsement)

Remarks Regarding the Lot.

Laboratory testing 13/09/2022



Accredited for compliance with ISO/IEC 17025 - Testing. The results relate only to the items sampled/tested.

Accreditation number: 19902

Approved By: K. Wesener
Approved Signatory



ASCT Brisbane South

Postal: PO Box 1232 Park Ridge QLD 4125
 Laboratory: 4/31 Tradelink Road Hillcrest Q 4118
 Telephone: 0437 776 582
 E-Mail: brisbane.south@asct.com.au
 Mobile: 0437 776 582
 A.B.N. 28 608 830 306

Compaction Control Test Report (Nuclear Gauge & Hilf)

Page: 2 of 2

Client: See Civil Pty Ltd
 Client Address: 108 Siganto Drive, Helensvale QLD 4210
 Project: 357 Ripley Road - Northern Bulk Earthworks Strategy
 Component: Allotment Fill - Level 1
 Lot Number:

Report No: **10**
 Report Date: 19/09/2022
 Project No: 1206
 Test Request:
 ITP/PCP:

Sample Information & Location

Sample Number:	69945	69946	69947	69948	69949
Field Test Number:	6	7	8	9	10
Date - Field Tested:	25/08/2022	25/08/2022	25/08/2022	25/08/2022	25/08/2022
Time - Field Tested:	0800	0810	0815	0820	0825
Material Source / Type:	On Site - General Fill				
Remarks / Notes:					
Control Line:	Lot 201	Lot 202	Lot 203	Lot 204	Lot 235
Location/Chainage/Easting: (m)	20m off East Boundary	9m off East Boundary	5m off East Boundary	4m off East Boundary	8m off East Boundary
Position/Offset/Northing: (m)	12m off North Boundary	13m off North Boundary	10m off North Boundary	9m off North Boundary	18m off North Boundary
Level/Layer/R.L.	F/L	F/L	F/L	F/L	F/L
Layer Depth: (mm)	-	-	-	-	-
Depth Tested: (mm)	150	150	150	150	150

Field & Laboratory Results

Field Wet Density: (t/m ³)	2.09	2.12	2.06	2.10	2.07
Field Dry Density: (t/m ³)	1.91	1.94	1.86	1.91	1.87
Retained Oversize (Wet basis): (%)	3% on 19.0mm	6% on 19.0mm	8% on 19.0mm	4% on 19.0mm	8% on 19.0mm
Material Description:	-	-	-	-	-
Moisture Content Method:	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven
Field Moisture Content: (%)	9.5	9.5	10.5	10.0	10.0
Adjusted Lab OMC: (%)	10.9	11.0	12.2	11.3	12.4
Fraction Tested:	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm
Lab Max Converted Wet Density: (t/m ³)	2.10	2.11	2.10	2.08	2.11
Adjusted Lab Max CWD: (t/m ³)	2.11	2.13	2.12	2.09	2.13
Compactive Effort:	Standard	Standard	Standard	Standard	Standard

Relative Compaction & Moisture

Moisture Variation (%)	1.5% Dryer than OMC	1.5% Dryer than OMC	1.5% Dryer than OMC	1.5% Dryer than OMC	2.0% Dryer than OMC
Moisture Ratio (%)	85.0	85.0	87.5	86.5	82.0
Density Ratio (%)	98.5	99.5	97.0	100.5	97.0

Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	95	97.4	10	98.16	1.96	0.405
Maximum (%)		-	-	-	-	-
Specified Moisture Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	-2	83.6	10	84.62	2.52	0.405
Maximum (%)	2	85.6	10	84.62	2.52	0.405

Test Methods Used.

AS1289.1.1 (Prep), AS1289.5.4.1 - (Dry Density Ratio, Moisture Variation & Ratio), AS1289.5.7.1 - (Hilf Density/Moisture Ratio (Rapid Method)), AS1289.5.8.1 (Nuclear Gauge, Direct Transmission), AS 1289.1.2.1, Cl 6.4(b) (Sampling), CV calculations derived from Austroads NTR-09 publication (Not Included in Nata endorsement)

Remarks Regarding the Lot.

Laboratory testing 13/09/2022



Accredited for compliance with ISO/IEC 17025 - Testing. The results relate only to the items sampled/tested.

Accreditation number: 19902



ASCT Brisbane South
 Postal: PO Box 1232 Park Ridge QLD 4125
 Laboratory: 4/31 Tradelink Road Hillcrest Q 4118
 Telephone: 0437 776 582
 E-Mail: brisbane.south@asct.com.au
 Mobile: 0437 776 582
 A.B.N. 28 608 830 306

Compaction Control Test Report (Nuclear Gauge & Hilf) Page: 1 of 2

Client:	See Civil Pty Ltd	Report No:	11
Client Address:	108 Siganto Drive, Helensvale QLD 4210	Report Date:	19/09/2022
Project:	357 Ripley Road - Northern Bulk Earthworks Strategy	Project No:	1206
Component:	Allotment Fill - Level 1	Test Request:	
Lot Number:		ITP/PCP:	

Sample Information & Location

	69950	69951	69952	69953	69954
Sample Number:	1	2	3	4	5
Field Test Number:	25/08/2022	25/08/2022	25/08/2022	25/08/2022	25/08/2022
Date - Field Tested:	0835	0845	0900	0915	0920
Time - Field Tested:	On Site - General Fill				
Material Source / Type:					
Remarks / Notes:					
Control Line:	Lot 234	Lot 231	Lot 328	Lot 330	Lot 332
Location/Chainage/Easting:	(m) 5m off East Boundary	9m off East Boundary	10m off East Boundary	12m off East Boundary	16m off East Boundary
Position/Offset/Northing:	(m) 8m off North Boundary	12m off North Boundary	5m off North Boundary	4m off North Boundary	6m off North Boundary
Level/Layer/R.L.	1.0m BFL	0.5m BFL	1.0m BFL	F/L	0.5m BFL
Layer Depth:	(mm) -	-	-	-	-
Depth Tested:	(mm) 150	150	150	150	150

Field & Laboratory Results

Field Wet Density:	(t/m ³)	2.09	2.10	2.11	2.09	2.10
Field Dry Density:	(t/m ³)	1.90	1.91	1.95	1.91	1.91
Retained Oversize (Wet basis):	(%)	5% on 19.0mm	3% on 19.0mm	1% on 19.0mm	2% on 19.0mm	4% on 19.0mm
Material Description:		-	-	-	-	-
Moisture Content Method:		AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven
Field Moisture Content:	(%)	9.5	10.0	8.5	9.0	10.0
Adjusted Lab OMC:	(%)	11.5	11.9	10.0	10.6	11.4
Fraction Tested:		Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm
Lab Max Converted Wet Density:	(t/m ³)	2.12	2.17	2.18	2.06	2.10
Adjusted Lab Max CWD:	(t/m ³)	2.13	2.18	2.18	2.06	2.11
Compactive Effort:		Standard	Standard	Standard	Standard	Standard

Relative Compaction & Moisture

Moisture Variation	(%)	2.0% Dryer than OMC	2.0% Dryer than OMC	1.5% Dryer than OMC	1.5% Dryer than OMC	1.5% Dryer than OMC
Moisture Ratio	(%)	83.5	82.5	84.0	85.5	86.5
Density Ratio	(%)	97.5	96.5	96.5	101.0	99.5

Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	95	97.0	10	97.85	2.17	0.405
Maximum (%)		-	-	-	-	-
Specified Moisture Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	-2	82.8	10	83.46	1.70	0.405
Maximum (%)	2	84.1	10	83.46	1.70	0.405

Test Methods Used.

AS1289.1.1 (Prep), AS1289.5.4.1 - (Dry Density Ratio, Moisture Variation & Ratio), AS1289.5.7.1 - (Hilf Density/Moisture Ratio (Rapid Method)), AS1289.5.8.1 (Nuclear Gauge, Direct Transmission), AS 1289.1.2.1, Cl 6.4(b) (Sampling), CV calculations derived from Austroads NTR-09 publication (Not Included in Nata endorsement)

Remarks Regarding the Lot.

Laboratory testing 13/09/2022



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Accreditation number: 19902

Approved By: K. Wesener
 Approved Signatory



ASCT Brisbane South
 Postal: PO Box 1232 Park Ridge QLD 4125
 Laboratory: 4/31 Tradelink Road Hillcrest Q 4118
 Telephone: 0437 776 582
 E-Mail: brisbane.south@asct.com.au
 Mobile: 0437 776 582
 A.B.N. 28 608 830 306

Compaction Control Test Report (Nuclear Gauge & Hilf)

Page: 2 of 2

Client:	See Civil Pty Ltd	Report No:	11
Client Address:	108 Siganto Drive, Helensvale QLD 4210	Report Date:	19/09/2022
Project:	357 Ripley Road - Northern Bulk Earthworks Strategy	Project No:	1206
Component:	Allotment Fill - Level 1	Test Request:	
Lot Number:		ITP/PCP:	

Sample Information & Location

Sample Number:	69955	69956	69957	69958	69959
Field Test Number:	6	7	8	9	10
Date - Field Tested:	25/08/2022	25/08/2022	25/08/2022	25/08/2022	25/08/2022
Time - Field Tested:	0930	0935	0945	1000	1010
Material Source / Type:	On Site - General Fill				
Remarks / Notes:					
Control Line:	Lot 308	Lot 310	Lot 311	Lot 314	Lot 110
Location/Chainage/Easting:	(m) 6m off East Boundary	7m off East Boundary	16m off East Boundary	6m off East Boundary	4m off East Boundary
Position/Offset/Northing:	(m) 6m off North Boundary	11m off North Boundary	8m off North Boundary	12m off North Boundary	11m off North Boundary
Level/Layer/R.L.	0.3m BFL	F/L	0.5m BFL	F/L	F/L
Layer Depth:	(mm) -	-	-	-	-
Depth Tested:	(mm) 150	150	150	150	150

Field & Laboratory Results

Field Wet Density:	(t/m ³)	2.09	2.14	2.15	2.11	2.10
Field Dry Density:	(t/m ³)	1.91	1.97	1.97	1.95	1.94
Retained Oversize (Wet basis):	(%)	3% on 19.0mm	8% on 19.0mm	8% on 19.0mm	4% on 19.0mm	4% on 19.0mm
Material Description:		-	-	-	-	-
Moisture Content Method:		AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven
Field Moisture Content:	(%)	9.5	8.5	9.0	8.5	8.5
Adjusted Lab OMC:	(%)	11.4	9.9	10.6	10.4	10.5
Fraction Tested:		Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm
Lab Max Converted Wet Density:	(t/m ³)	2.06	2.16	2.23	2.17	2.20
Adjusted Lab Max CWD:	(t/m ³)	2.06	2.18	2.25	2.18	2.21
Compactive Effort:		Standard	Standard	Standard	Standard	Standard

Relative Compaction & Moisture

Moisture Variation	(%)	2.0% Dryer than OMC	1.5% Dryer than OMC	1.5% Dryer than OMC	2.0% Dryer than OMC	2.0% Dryer than OMC
Moisture Ratio	(%)	82.5	83.5	83.5	81.0	81.5
Density Ratio	(%)	101.5	98.0	95.5	97.0	95.5

Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	95	97.0	10	97.85	2.17	0.405
Maximum (%)		-	-	-	-	-
Specified Moisture Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	-2	82.8	10	83.46	1.70	0.405
Maximum (%)	2	84.1	10	83.46	1.70	0.405

Test Methods Used.

AS1289.1.1 (Prep), AS1289.5.4.1 - (Dry Density Ratio, Moisture Variation & Ratio), AS1289.5.7.1 - (Hilf Density/Moisture Ratio (Rapid Method)), AS1289.5.8.1 (Nuclear Gauge, Direct Transmission), AS 1289.1.2.1, Cl 6.4(b) (Sampling), CV calculations derived from Austroads NTR-09 publication (Not Included in Nata endorsement)

Remarks Regarding the Lot.

Laboratory testing 13/09/2022



Accredited for compliance with ISO/IEC 17025 - Testing. The results relate only to the items sampled/tested.

Accreditation number: 19902

Appendix D

Individual Lot Certificates



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 109

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 109 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **109** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 110

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 110 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **110** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 111

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 111 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **111** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 112

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 112 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **112** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 127

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 127 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **127** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 129

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 129 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **129** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 130

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 130 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **130** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 131

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 131 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **131** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 141

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 141 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **141** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 142

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 142 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **142** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 143

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 143 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **143** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 144

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING **LOT 144 – 357 Ripley Road Northern Bulk Earthworks Strategy**

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **144** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 160

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 160 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **160** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 161

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 161 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **161** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 162

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 162 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **162** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 163

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 163 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **163** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 164

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 164 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **164** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 165

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 165 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **165** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 166

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 166 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **166** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 167

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 167 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **167** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 168

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 168 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **168** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 169

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 169 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **169** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 170

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 170 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **170** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 171

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 171 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **171** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 172

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 172 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **172** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 173

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 173 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **173** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 174

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 174 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **174** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 175

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 175 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **175** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 176

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 176 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **176** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 177

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 177 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **177** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 189

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING **LOT 189 – 357 Ripley Road Northern Bulk Earthworks Strategy**

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **189** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 196

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 196 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **196** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 197

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 197 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **197** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 198

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 198 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **198** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 199

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 199 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **199** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 200

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 200 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **200** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 201

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 201 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **201** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 202

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 202 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **202** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 203

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 203 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **203** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 204

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 204 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **204** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 205

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 205 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **205** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 206

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 206 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **206** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 207

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 207 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **207** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 208

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 208 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **208** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 209

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 209 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **209** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 210

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 210 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **210** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 211

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 211 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **211** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 212

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 212 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **212** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 213

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 213 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **213** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 214

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 214 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **214** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 215

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 215 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **215** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 216

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 216 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **216** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 217

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 217 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **217** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 218

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 218 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **218** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 219

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 219 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **219** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 220

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 220 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **220** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 221

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING **LOT 221 – 357 Ripley Road Northern Bulk Earthworks Strategy**

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **221** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 222

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 222 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **222** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 223

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 223 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **223** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 224

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 224 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **224** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
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Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 225

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 225 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **225** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

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ABN: 28 608 830 306
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Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 226

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 226 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **226** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 229

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 229 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **229** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 230

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 230 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **230** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 231

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 231 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **231** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 232

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 232 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **232** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 233

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 233 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **233** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 234

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 234 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **234** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 235

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 235 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **235** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 236

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 236 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **236** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 237

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 237 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **237** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 238

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 238 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **238** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 239

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING **LOT 239 – 357 Ripley Road Northern Bulk Earthworks Strategy**

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **239** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 240

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 240 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **240** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 241

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 241 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **241** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 242

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 242 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **242** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 265

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 265 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **265** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 266

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 266 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **266** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 267

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 267 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **267** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 268

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 268 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **268** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 269

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 269 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **269** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 270

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 270 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **270** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 271

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING **LOT 271 – 357 Ripley Road Northern Bulk Earthworks Strategy**

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **271** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 272

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 272 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **272** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 273

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 273 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **273** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 274

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 274 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **274** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 275

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 275 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **275** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 276

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 276 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **276** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 277

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 277 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **277** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 278

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 278 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **278** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 301

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 301 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **301** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 302

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 302 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **302** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 303

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 303 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **303** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 304

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 304 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **304** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 305

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING **LOT 305 – 357 Ripley Road Northern Bulk Earthworks Strategy**

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **305** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 306

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 306 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **306** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 307

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 307 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **307** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 308

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 308 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **308** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 309

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 309 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **309** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 310

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 310 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **310** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 311

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 311 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **311** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 312

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 312 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **312** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 313

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 313 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **313** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 314

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 314 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **314** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 315

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 315 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **315** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 316

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 316 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **316** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 317

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 317 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **317** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 318

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 318 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **318** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 319

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 319 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **319** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 327

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 327 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **327** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 328

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 328 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **328** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 329

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 329 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **329** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 330

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 330 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **330** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 331

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 331 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **331** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 332

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 332 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **332** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 333

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 333 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **333** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 334

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 334 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **334** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 335

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 335 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **335** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 440

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 440 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **440** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 441

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 441 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **441** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 442

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 442 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **442** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 443

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 443 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **443** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 444

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 444 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **444** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

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PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 445

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 445 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **445** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

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ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 446

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 446 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **446** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

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PARK RIDGE QLD 4125
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ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

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Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 447

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 447 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **447** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 448

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 448 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **448** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 449

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 449 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **449** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 450

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 450 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **450** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 451

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 451 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **451** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 452

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 452 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **452** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 453

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 453 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **453** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 454

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 454 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **454** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 455

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 455 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **455** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 456

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 456 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **456** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 457

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 457 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **457** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

4th October 2022

Ref No: 1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy _Lot 458

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 458 – 357 Ripley Road Northern Bulk Earthworks Strategy

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

Fill was placed on the site between the 13/04/2022 and 25/08/2022.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **458** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 '*Residential Slabs & Footings*'.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **1206_Level 1_357 Ripley Road Northern Bulk Earthworks Strategy** Dated 4th October 2022.

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South
jason.mckenna@asct.com.au