

LEGEND

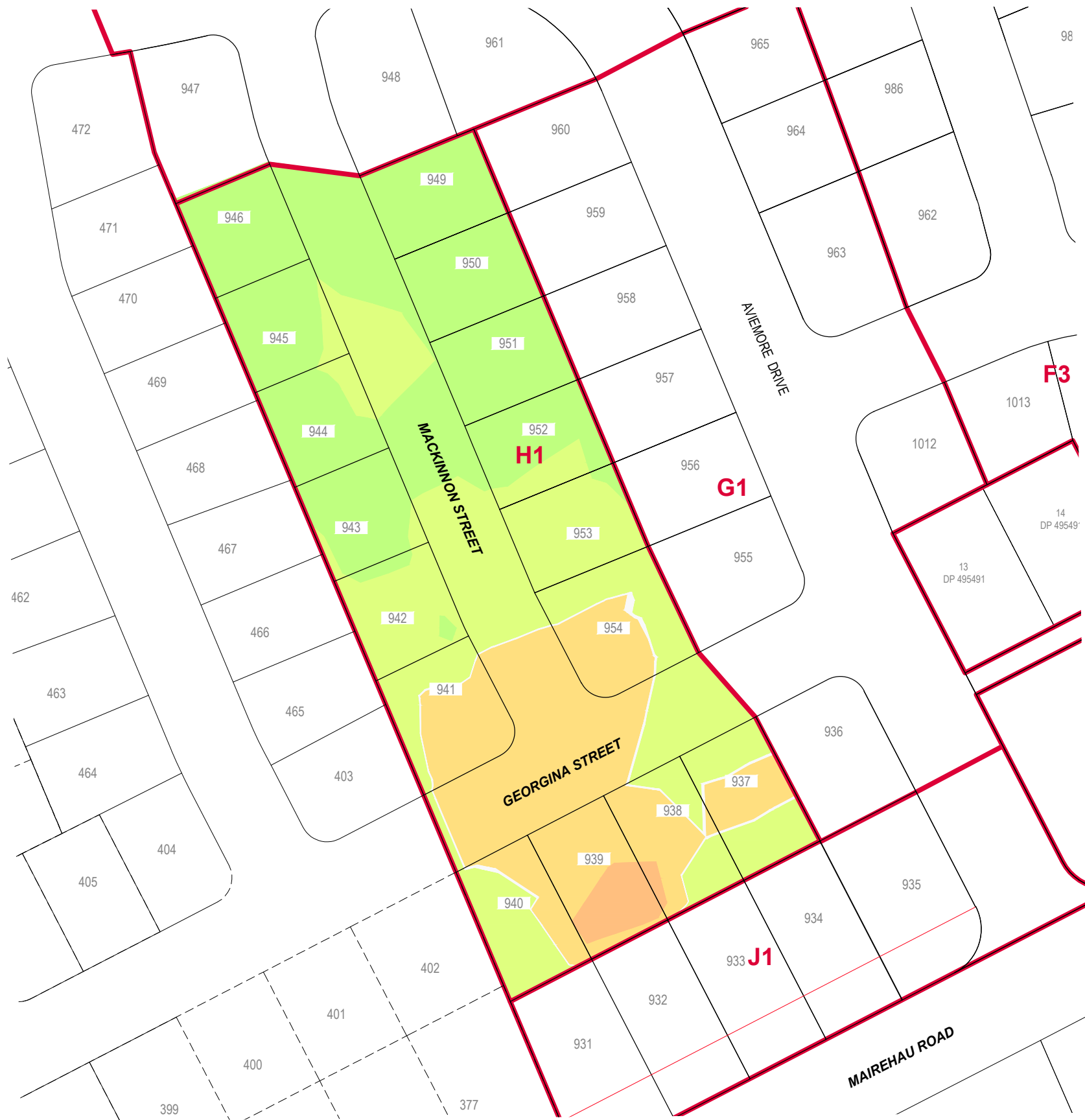
AS BUILT FILL		
Lower_value	Upper_value	Colour
-3	to -2.4	m
-2.4	to -1.8	m
-1.8	to -1.2	m
-1.2	to -0.6	m
-0.6	to 0	m
0	to 0.01	m
0.01	to 0.2	m
0.2	to 0.4	m
0.4	to 0.6	m
0.6	to 0.8	m
0.8	to 1	m
1	to 1.2	m
1.2	to 1.4	m
1.4	to 1.6	m
1.6	to 1.8	m



This AS BUILT drawing has been prepared based on Information provided by the contractor "KB Contracting".

NOTE:

- FILL BANDING SHOWN IS BETWEEN EXISTING SUBGRADE (STRIPPED EXISTING SURFACE) TO FINISHED SUBGRADE.



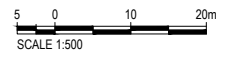
CLIENT



REV	DATE	REVISION DETAILS	APPROVED	DRAWN	DESIGNED
A	22/03/23	ISSUED FOR INFORMATION	K ASHBY	A COLUMBUS	A COLUMBUS
				CHECKED D WATSON	
				APPROVED	DATE
				K. ASHBY	

PROJECT
PRESTONS PARK
TITLE
AS-BUILT EARTHWORKS FILL PLAN SUBSTAGE H1 STAGE 5

SCALE	SIZE
1:500	A1
DRAWING No.	REV
AB-PS-S5-EW-03	A



PRELIMINARY
NOT FOR CONSTRUCTION
PROJECT No.
235361



Eagle Technology, Land Information New Zealand, GEBCO, Community maps contributors

LEGEND

◆ NDM TEST LOCATION



NOTE:
 A selection of NDM test points only has been shown due to NDM testing density. Full details of all NDM test results are provided in 235361 - Prestons Park Subdivision Stage E3 Geotechnical Completion Report

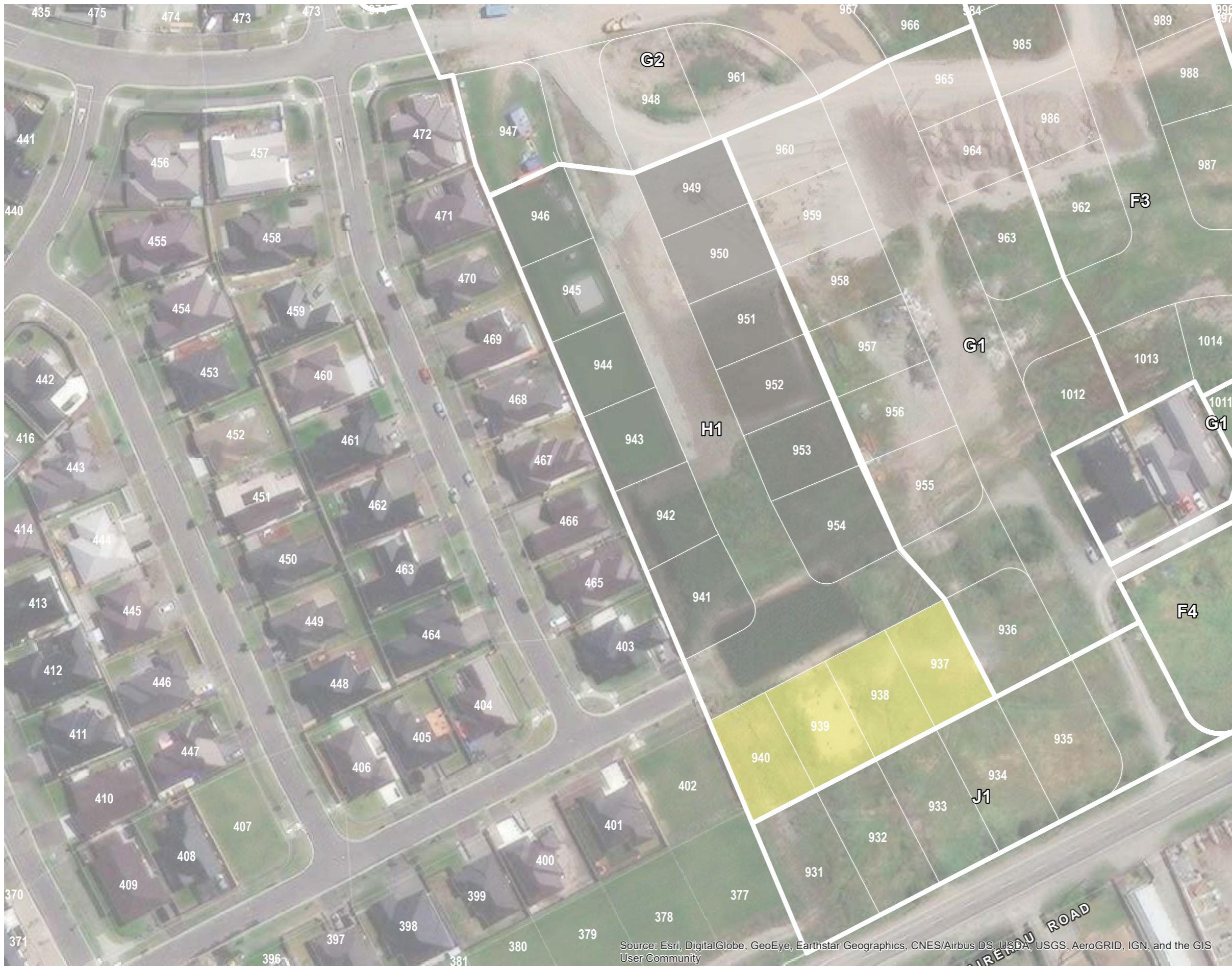


REV	DATE	REVISION DETAILS	APPROVED
A	31/03/23	ISSUE FOR INFORMATION	J. Kupec

DRAWN	DESIGNED
R.Dawson	T.Tremain
CHECKED	
J. Muirson	
APPROVED	
J. Kupec	31/03/2023

PROJECT
PRESTONS PARK SUB-STAGE H1
TITLE
NDM LOCATIONS

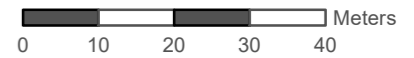
PROJECT No.	235361
SCALE	AS SHOWN
DRAWING No.	FIG 4
SHEET	A



NOTE
 TECHNICAL CATEGORY CLASSIFICATION HAS BEEN ASSESSED IN ACCORDANCE WITH SECTION 3 OF THE MBIE GUIDELINES (2012)

LEGEND

- TC1 EQUIVALENT BEHAVIOUR
- TC2 EQUIVALENT BEHAVIOUR



NOTES - PROPERTY DATA FROM LINZ

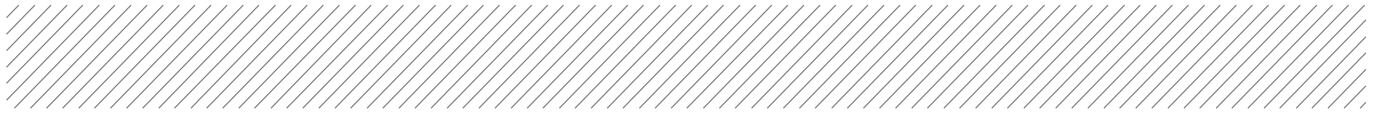
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



REV	DATE	REVISION DETAILS	APPROVED	DRAWN	DESIGNED
A	23/03/31	ISSUE FOR INFORMATION	J. Kupec	R. Dawson	C. Scott
				CHECKED	
				J. Muirson	
				APPROVED	
					DATE
				J. Kupec	31/03/2023

PROJECT
PRESTONS PARK - SUBSTAGE H1
TITLE
TECHNICAL CATEGORY PLAN

PROJECT No.	235361
SCALE	AS SHOWN
DRAWING No.	FIG 5
SHEET	A



Appendix B

Compaction Curves

Report No: MDD:CAN21S-00814
Issue No: 1

Maximum Dry Density Report

Client:

 City Care Limited
 PO Box 7669
 Sydenham

 Christchurch 8240
 NZ

Project: City Care


The tests reported herein (unless otherwise indicated) have been performed in accordance with the laboratory's scope of accreditation. Samples are tested as received, in natural condition, unless stated otherwise in the comments. This report may only be reproduced in full.



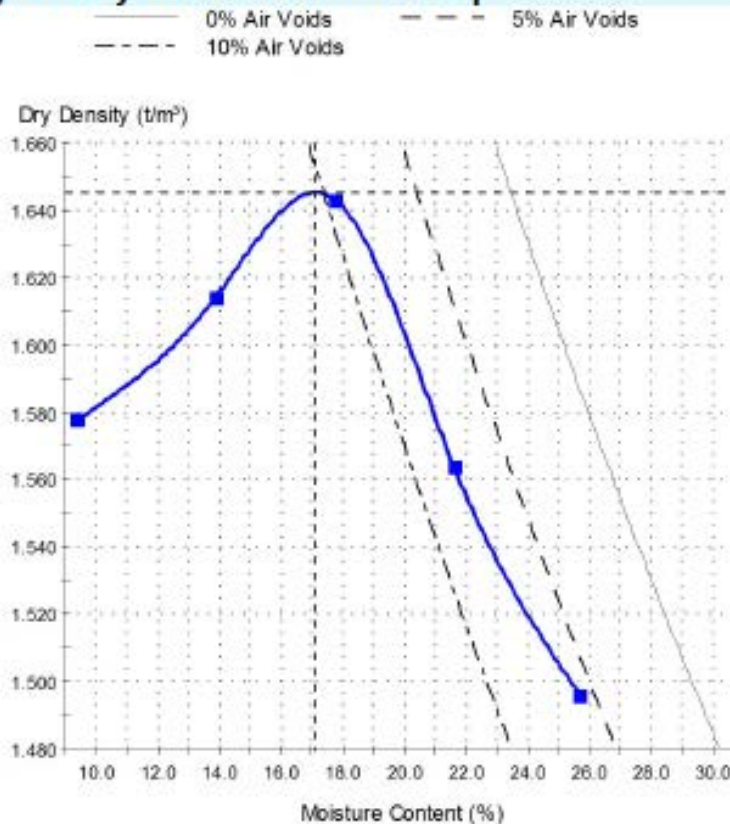
The results in this report relate only to the items / samples that were tested

Approved Signatory: Liam Brennan
 (Laboratory Technician)
 IANZ Accreditation No: 200
 Date of Issue: 29/01/2021

Sample Details

Sample ID:	CAN21S-00814	Client Sample ID:	Lab Ref: 0095/21
Material:	Silty Sand	Sample Source:	Miscellaneous Material Source
Site/Sampled From:	Ex Oakbridge, Eastern BDY Reserve	Date Sampled:	27/01/2021
Specification:	Vibrating Hammer Compaction Test	Sampled By:	Advised - See Comments
Sampling Method:	As Received - Not Accredited	Date Tested:	28/01/2021
Technician:	Maciej Gaworecki	Sampling Endorsed?:	No

Dry Density - Moisture Relationship



Test Results

NZS 4402:1986 Test 4.1.3 - 1986

Maximum Dry Density (t/m³):	1.64
Optimum Moisture (%):	17
Solid Density (t/m³):	2.88 assumed
Fraction Tested Passes (mm):	37.5
Material Removed (%):	0
Sample History:	Natural
Tested By:	Maciej Gaworecki
Date Tested:	28/01/2021

Comments

Compaction for test points @ 21.6% & 25.7% ceased prior to 3 minutes due to oversaturation causing ejection of fines from sample.
 Material sampled by Clive Gould

Test Report

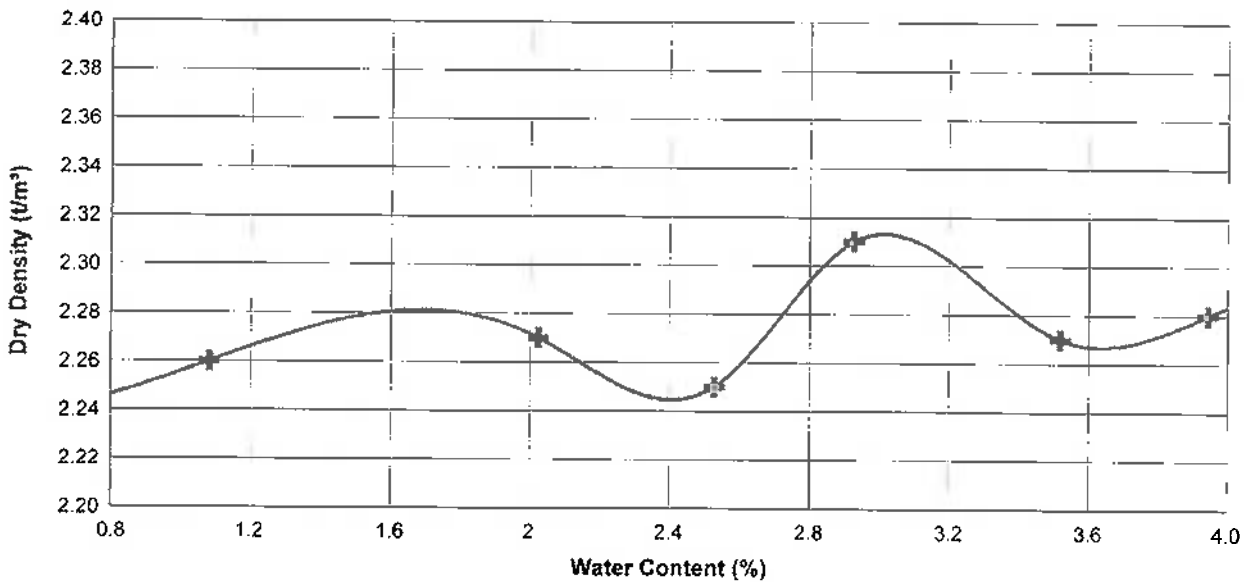
Client:	K.B. Contracting & Quarries Limited	Sample Date:	08/12/2017	08:00
Address:	PO Box 19746, Woolston, Christchurch 8241	Sampled By:	Pete Haward	
Client Ref:	Not advised	Laboratory No:	C17/3810	
Job Location:	McLeans Island	Report No:	257833	Final
Material:	Pit Run	Report Date:	15/12/2017	Page 1 of 2
Material Source:	McLeans Island			

Test Methods: 1# Sampling from stockpiles of well graded aggregate - machine method NZS4407:2015 2.4.6.3.2
 2 Determination of the Dry Density/Water Content Relationship - New Zealand Vibrating Hammer Compaction Test NZS4402:1986 Test 4.1.3
 # Test methods marked with a hash are not accredited.

Results

Water Content (%)	1.08	2.02	2.53	2.93	3.52	3.94
Dry Density (t/m³)	2.26	2.27	2.25	2.31	2.27	2.28

Dry Density/Water Content Relationship



Maximum Dry Density (t/m³)	2.32
Optimum Water Content (%)	3.0
History of Sample	Result obtained from oven-dried sample.
Test Fraction	Passing 37.5mm sieve
Test Date:	13/12/2017

Notes

Date of sample receipt: 08/12/2017

Vicky Henderson
Approved Signatory
Laboratory Manager
IANZ Accreditation No: 439
Date of Issue: 10/04/92



Tests indicated as not accredited are outside the scope of the laboratory's accreditation.
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Test Report

Client:	K.B. Contracting & Quarries Limited	Sample Date:	14/10/2021	10:00
Address:	PO Box 19746, Woolston, Christchurch 8241	Sampled By:	Pete Haward	
Job Location:	Mcleans Island	Laboratory No:	C21/1895	
Material:	Pitrun	Client Ref:	Not Advised	
Material Source:	Mcleans Island	Report No:	52897	Final
		Report Date:	20/10/2021	

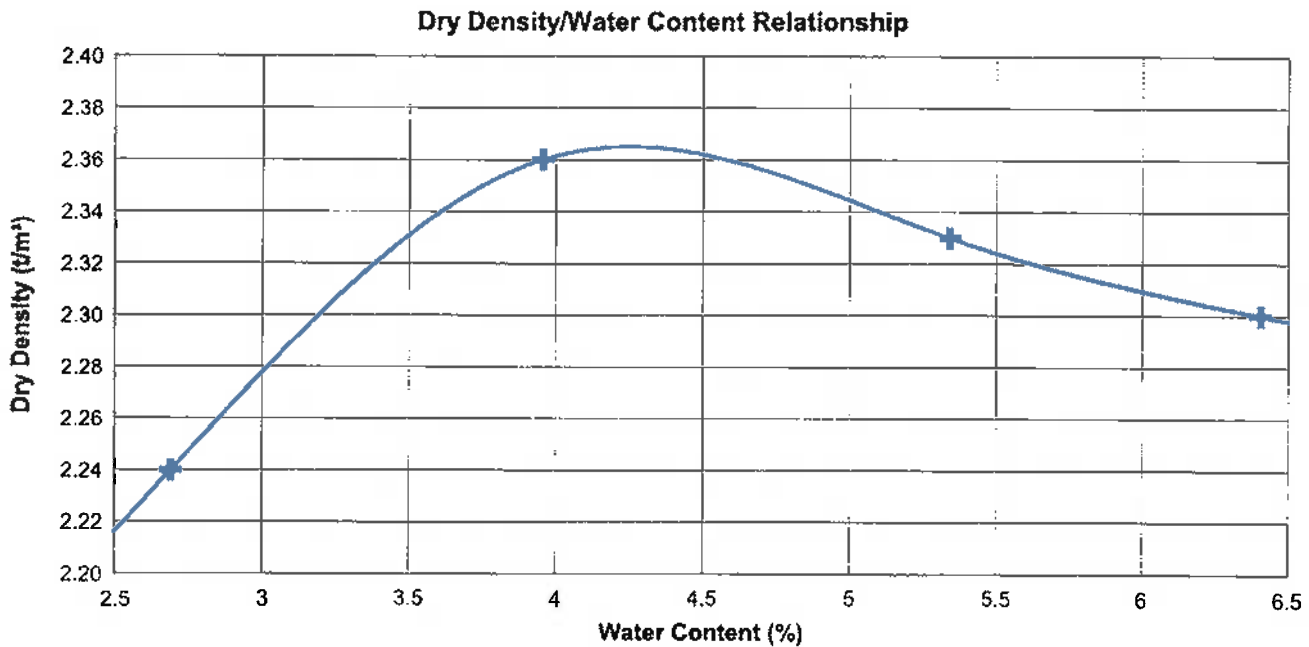
Test Methods

- Determination of the dry density/water content relationship - New Zealand vibrating hammer compaction test NZS4402:1986 Test 4.1.3
- Sampling from stockpiles of well graded aggregate - machine method NZS4407:2015 Test 2.4.6.3.2

Determination of the Dry Density/Water Content Relationship - New Zealand Vibrating Hammer Compaction Test

Results

Dry Density (t/m ³)	2.24	2.36	2.33	2.30
Water Content (%)	2.7	4.0	5.3	6.4



Results

Natural moisture content (%)	3.5
Maximum Dry Density (t/m ³)	2.36
Optimum Water Content (%)	4.2
Test Fraction	Passing 37.5mm sieve
Test Date:	19-10-2021

Laboratory No: C21/1895
Report No: 52897 **Final**
Report Date: 20/10/2021

Sample Notes

Sample received in a damp condition.

Test results apply to sample as received.

Date of sample receipt: 14/10/2021

Vicky Henderson
Laboratory Manager



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except in full.

Report No: MDD:CAN20S-17343
Issue No: 1

Maximum Dry Density Report

Client: Toni O'Regan
 City Care Limited
 PO Box 7669
 Sydenham

 Christchurch 8240
 NZ
Project: QA Testing - City Care Ltd



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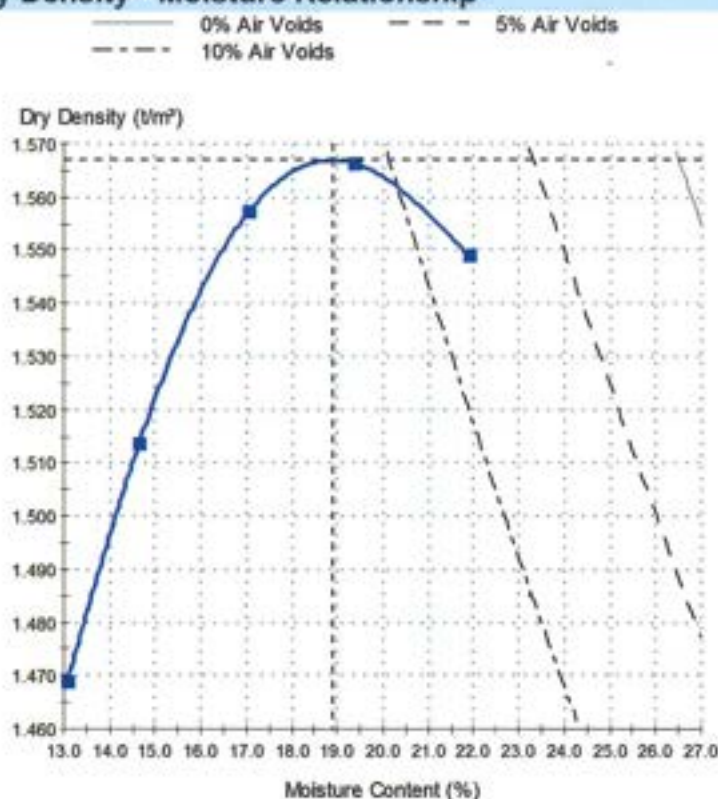
The results in this report relate only to the items / samples that were tested

Approved Signatory: Rebecca Roylee
 (Laboratory Technician)
 IANZ Accreditation No:200
 Date of Issue: 23/10/2020

Sample Details

Sample ID:	CAN20S-17343	Client Sample ID:	1691/20
Material:	Sand	Sample Source:	Miscellaneous Material Source
Site/Sampled From:	CD2 Prestons - Stage 5 East side of S/P	Date Sampled:	20/10/2020
Specification:	Vibrating Hammer Compaction Test	Sampled By:	Advised - See Comments
Sampling Method:	Stated to be NZS 4407:2015 2.4.6.5	Date Tested:	22/10/2020
Technician:	Laura Cranston	Sampling Endorsed?:	No

Dry Density - Moisture Relationship



Test Results

NZS 4402:1986 Test 4.1.3 - 1986
Maximum Dry Density (t/m³): 1.56
Optimum Moisture (%): 19
Solid Density (t/m³): 2.68 assumed
Fraction Tested Passes (mm): 37.5
Material Removed (%): 0
Sample History: Natural
Tested By: Laura Cranston
Date Tested: 22/10/2020

Comments

Sampled by A Hadlee

Report No: MDD:CAN20S-01176

Issue No: 1

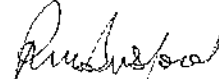
Maximum Dry Density Report

Client: Toni O'Regan
 City Care Limited
 PO Box 7669
 Sydenham

 Christchurch 8240
 NZ

Project: QA Testing - City Care Ltd

The tests reported here unless otherwise indicated have been performed in accordance with the laboratory's scope of accreditation. Samples are tested as received, in natural condition, unless stated otherwise in the comments. This report may only be reproduced in full.

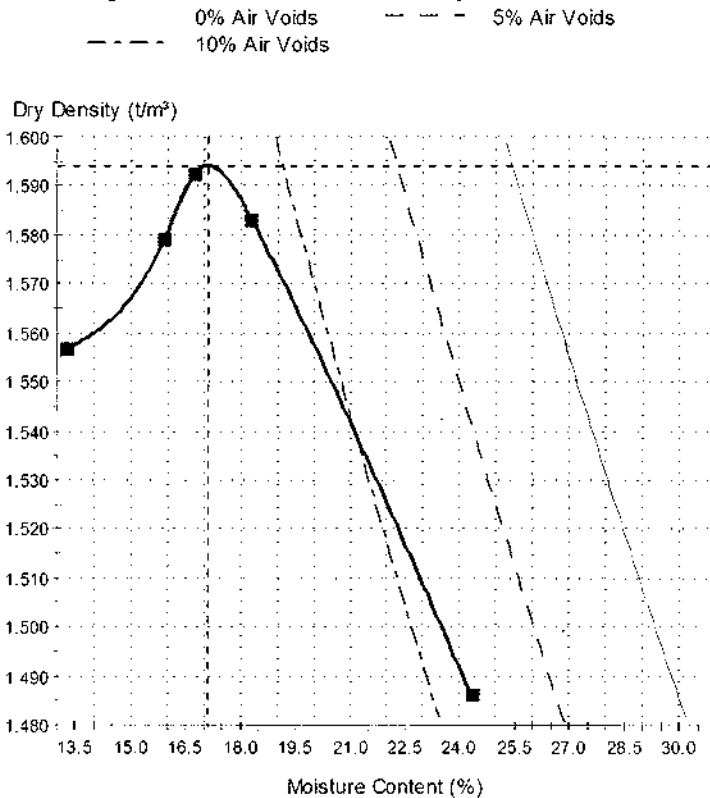



Approved Signatory: Max Burford
 (Supervisor)
 IANZ Accreditation No:200
 Date of Issue: 22/01/2020

Sample Details

Sample ID: CAN20S-01176	Client Sample ID: 0055/20 Sample 3
Material: Sand	Sample Source: Miscellaneous Material Source
Site/Sampled From: CDL Prestons Road	Date Sampled: 20/01/2020
Specification: Vibrating Hammer Compaction Test	Sampled By: Advised - See Comments
Sampling Method: Not Advised	Date Tested: 21/01/2020
Technician: Atu Rova	Sampling Endorsed?: No

Dry Density - Moisture Relationship



Test Results

NZS 4402:1986 Test 4.1.3
Maximum Dry Density (t/m³): 1.60
Optimum Moisture (%): 17
Solid Density (t/m³): 2.68 assumed
Fraction Tested Passes (mm): 37.5
Material Removed (%): 0
Sample History: Natural
Tested By: Atu Rova
Date Tested: 21/01/2020

Comments

* Sample 3
 * Material sampled by Clive Gould.

Report No: MDD:CAN20S-01175

Issue No: 1

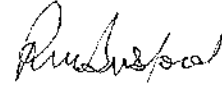
Maximum Dry Density Report

Client: Toni O'Regan
 City Care Limited
 PO Box 7669
 Sydenham

 Christchurch 8240
 NZ

Project: QA Testing - City Care Ltd

The tests reported herein (unless otherwise indicated) have been performed in accordance with the laboratory's scope of accreditation. Samples are tested as received, in natural condition, unless stated otherwise in the comments. This report may only be reproduced in full.

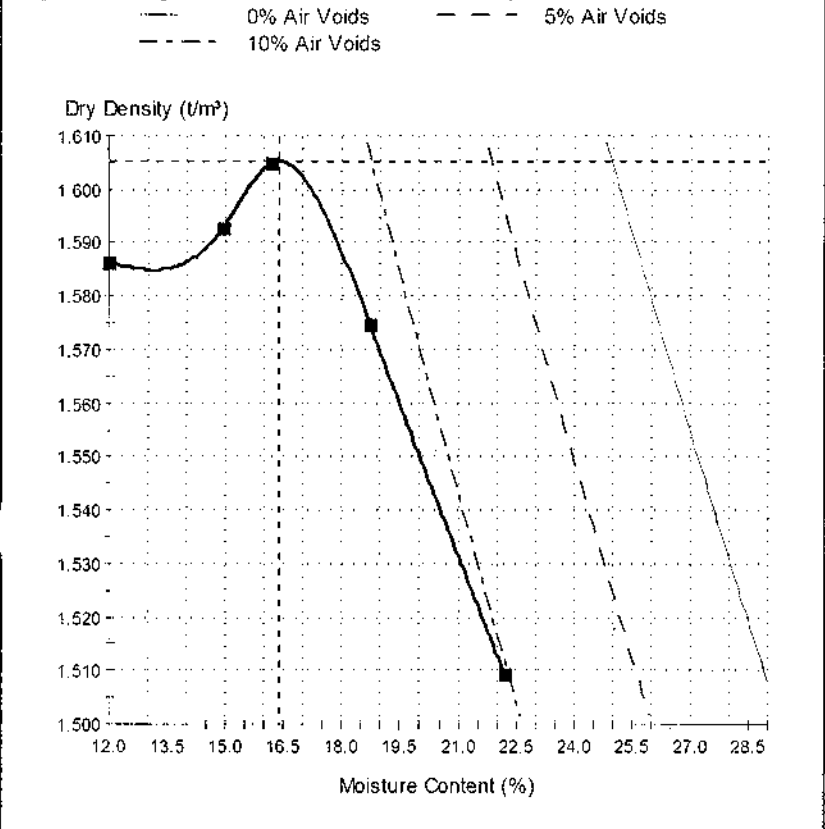



Approved Signatory: Max Burford
 (Supervisor)
 IANZ Accreditation No:200
 Date of Issue: 22/01/2020

Sample Details

Sample ID:	CAN20S-01175	Client Sample ID:	0054/20 Sample 2
Material:	Sand	Sample Source:	Miscellaneous Material Source
Site/Sampled From:	CDL Prestons Road	Date Sampled:	20/01/2020
Specification:	Vibrating Hammer Compaction Test	Sampled By:	Advised - See Comments
Sampling Method:	Not Advised	Date Tested:	21/01/2020
Technician:	Atu Rova	Sampling Endorsed?:	No

Dry Density - Moisture Relationship

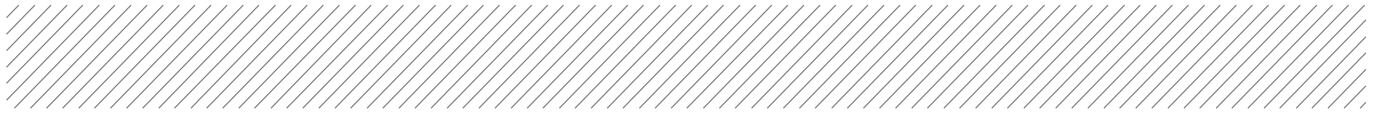


Test Results

NZS 4402:1986 Test 4.1.3
Maximum Dry Density (t/m³): 1.60
Optimum Moisture (%): 16
Solid Density (t/m³): 2.68 assumed
Fraction Tested Passes (mm): 37.5
Material Removed (%): 0
Sample History: Natural
Tested By: Atu Rova
Date Tested: 21/01/2020

Comments

- * Sample 2
- * Material sampled by Clive Gould.



Appendix C

NDM Earthfill Testing

Results

Project Prestons South Subdivision
 Project No. 235361
 Date 29-Nov-19
 Title Summary of Compaction

COORDINATES LINKED TO TAB

Test Date	Test ID#	Test #	Unique ID#	mE	mN	Stage	MDD	Type	Lift #	Lot ID	Compaction (%)	Retest	Pass (Yes/No)	Comments
20/05/2021	0242_001 (0991/21)	13	360	395779.146	811978.464	Stage 5		1640 Sand (wester	Lift 2	Lot 959		97	YES	
20/05/2021	0242_001 (0991/21)	14	361	395788.925	811993.18	Stage 5		1640 Sand (wester	Lift 2	Lot 959		100	YES	
16/08/2022	3196_001 (1320/22)	1	825	395837.654	811991.211	Stage 5		1640 Sand	Lift 1	Lot 963		103	YES	Lift 1 done by City care on 20/July (2039_001 (1209/22)) but only done on half section
16/08/2022	3196_001 (1320/22)	2	826	395843.972	811975.114	Stage 5		1640 Sand	Lift 1	Lot 963		104	YES	Lift 1 done by City care on 20/July (2039_001 (1209/22)) but only done on half section
20/05/2021	0242_001 (0991/21)	7	354	395783.805	812011.951	Stage 5		1640 Sand (wester	Lift 2	Lot 960		96	YES	
20/05/2021	0242_001 (0991/21)	8	355	395775.609	811995.891	Stage 5		1640 Sand (wester	Lift 2	Lot 960		94 No	NO	
13/05/2021	0947-21	3	225	395783.805	812011.951	Stage 5		1640 Sand	Lift 1	Lot 960		105	YES	
13/05/2021	0947-21	4	226	395773.207	811996.386	Stage 5		1640 Sand	Lift 1	Lot 960		97	YES	
18/08/2022	3321_001 (1341/22)	1	827	395837.654	811991.211	Stage 5		1560 Sand	Lift 2	Lot 963		101	YES	
18/08/2022	3321_001 (1341/22)	2	828	395843.972	811975.114	Stage 5		1560 Sand	Lift 2	Lot 963		99	YES	
20/07/2022	2039_001 (1209/22)	9	801	395837.654	811991.211	Stage 5		1640 Sand	Lift 2	Lot 963 - Half section		108	YES	Not sure why it's Lift 2 as no previous data exists. Likely a over extension from Lot 962
20/07/2022	2039_001 (1209/22)	10	802	395843.972	811975.114	Stage 5		1640 Sand	Lift 2	Lot 963 - Half section		105	YES	Not sure why it's Lift 2 as no previous data exists. Likely a over extension from Lot 962
20/01/2022	3073_001 (0052/22)	7	338	395822.792	812009.21	Stage 5		1640 Sand (wester	Final Lift	Lot 964		102	YES	
20/01/2022	3073_001 (0052/22)	8	339	395827.927	811996.582	Stage 5		1640 Sand (wester	Final Lift	Lot 964		98	YES	
5/08/2022	2751_001 (1280/22)	3	767	395810.227	811907.771	Stage 5		1640 Sand	Lift 1 (Final)	Lot 955		106	YES	
5/08/2022	2751_001 (1280/22)	4	768	395816.94	811925.145	Stage 5		1640 Sand	Lift 1 (Final)	Lot 955		105	YES	
9/08/2022	2832_001 (1288/22)	1	773	395798.312	811933.125	Stage 5		2320 Pit run	Lift 1	Lot 956		98	YES	
9/08/2022	2832_001 (1288/22)	2	774	395813.449	811939.969	Stage 5		2320 Pit run	Lift 1	Lot 956		99	YES	
9/08/2022	KB22/301	1	812	395798.312	811933.125	Stage 5		2320 Pit Run	Lift 1	Lot 956		98	YES	Lift 1 exists already by CityCare on same date. KBs have confirmed that it was a 'comparison test' for their QA
9/08/2022	KB22/301	2	813	395813.449	811939.969	Stage 5		2320 Pit Run	Lift 1	Lot 956		100	YES	Lift 1 exists already by CityCare on same date. KBs have confirmed that it was a 'comparison test' for their QA
15/08/2022	KB22/0314	5	833	395798.312	811933.125	Stage 5		2320 Pit Run	Lift 2 (Final)	Lot 956		96	YES	
15/08/2022	KB22/0314	6	834	395813.449	811939.969	Stage 5		2320 Pit Run	Lift 2 (Final)	Lot 956		98	YES	
20/05/2021	0242_001 (0991/21)	3	350	395835.619	811999.333	Stage 5		1640 Sand (wester	Lift 2	Lot 964		103	YES	
20/05/2021	0242_001 (0991/21)	4	351	395815.634	812005.922	Stage 5		1640 Sand (wester	Lift 2	Lot 964		97	YES	
20/01/2022	3073_001 (0052/22)	5	336	395816.225	812028.32	Stage 5		1640 Sand (wester	Final Lift	Lot 965		97	YES	
20/01/2022	3073_001 (0052/22)	6	337	395821.361	812016.029	Stage 5		1640 Sand (wester	Final Lift	Lot 965		99	YES	
9/08/2022	2832_001 (1288/22)	3	775	395806.605	811956.159	Stage 5		2320 Pit run	Lift 1	Lot 957		100	YES	
9/08/2022	2832_001 (1288/22)	4	776	395792.389	811950.499	Stage 5		2320 Pit run	Lift 1	Lot 957		97	YES	
9/08/2022	KB22/301	3	814	395806.605	811956.159	Stage 5		2320 Pit Run	Lift 1	Lot 957		99	YES	Lift 1 exists already by CityCare on same date. KBs have confirmed that it was a 'comparison test' for their QA
9/08/2022	KB22/301	4	815	395792.389	811950.499	Stage 5		2320 Pit Run	Lift 1	Lot 957		98	YES	Lift 1 exists already by CityCare on same date. KBs have confirmed that it was a 'comparison test' for their QA
15/08/2022	KB22/0314	3	831	395806.605	811956.159	Stage 5		2320 Pit Run	Lift 2 (Final)	Lot 957		96	YES	
15/08/2022	KB22/0314	4	832	395792.389	811950.499	Stage 5		2320 Pit Run	Lift 2 (Final)	Lot 957		98	YES	
13/05/2021	0947-21	1	223	395827.08	812019.127	Stage 5		1640 Sand	Lift 1	Lot 965		96	YES	
13/05/2021	0947-21	2	224	395810.852	812024.426	Stage 5		1640 Sand	Lift 1	Lot 965		100	YES	
1/09/2022	KB22/0344	1	917	395813.877	812012.583	Stage 5		2320 Pit Run	Lift 1	Lot 965		98	YES	Previous lifts done on top half of lot and one 'final lift' by city care (log 3073_001)
1/09/2022	KB22/0344	2	918	395827.08	812019.127	Stage 5		2320 Pit Run	Lift 1	Lot 965		99	YES	Previous lifts done on top half of lot and one 'final lift' by city care (log 3073_001)
9/08/2022	2832_001 (1288/22)	5	777	395785.545	811968.268	Stage 5		2320 Pit run	Lift 1	Lot 958		96	YES	
9/08/2022	2832_001 (1288/22)	6	778	395799.234	811973.796	Stage 5		2320 Pit run	Lift 1	Lot 958		98	YES	
9/08/2022	KB22/301	5	816	395785.545	811968.268	Stage 5		2320 Pit Run	Lift 1	Lot 958		97	YES	Lift 1 exists already by CityCare on same date. KBs have confirmed that it was a 'comparison test' for their QA
9/08/2022	KB22/301	6	817	395799.234	811973.796	Stage 5		2320 Pit Run	Lift 1	Lot 958		98	YES	Lift 1 exists already by CityCare on same date. KBs have confirmed that it was a 'comparison test' for their QA
15/08/2022	KB22/0314	1	829	395785.545	811968.268	Stage 5		2320 Pit Run	Lift 2 (Final)	Lot 958		97	YES	
15/08/2022	KB22/0314	2	830	395799.234	811973.796	Stage 5		2320 Pit Run	Lift 2 (Final)	Lot 958		95	YES	
20/05/2021	0242_001 (0991/21)	5	352	395813.877	812012.583	Stage 5		1640 Sand (wester	Lift 2	Lot 965		96	YES	
20/05/2021	0242_001 (0991/21)	6	353	395823.394	812032.861	Stage 5		1640 Sand (wester	Lift 2	Lot 965		97	YES	
2/09/2022	KB22/0346	1	921	395813.877	812012.583	Stage 5		2320 Pit Run	Lift 2	Lot 965		99	YES	Previous lifts done on top half of lot and one 'final lift' by city care (log 3073_001)
2/09/2022	KB22/0346	2	922	395827.08	812019.127	Stage 5		2320 Pit Run	Lift 2	Lot 965		98	YES	Previous lifts done on top half of lot and one 'final lift' by city care (log 3073_001)
12/10/2022	KB22/0429	5	1048	395810.852	812024.426	Stage 5		2320 Pit Run	Lift 2	Lot 965		97	YES	984 and 966 no record of other lifts to date. Lot 965 and 985 have had 3-4 other lifts (some half lots)
12/10/2022	KB22/0429	6	1049	395823.394	812032.861	Stage 5		2320 Pit Run	Lift 2	Lot 965		99	YES	984 and 966 no record of other lifts to date. Lot 965 and 985 have had 3-4 other lifts (some half lots)
24/08/2022	KB22/0329	3	845	395777.01	811988.195	Stage 5		2320 Pit Run	Final lift	Lot 959		100	YES	
24/08/2022	KB22/0329	4	846	395792.653	811984.366	Stage 5		2320 Pit Run	Final lift	Lot 959		99	YES	
24/08/2022	KB22/0329	1	843	395783.805	812011.951	Stage 5		2320 Pit Run	Final lift	Lot 960		99	YES	
24/08/2022	KB22/0329	2	844	395773.207	811996.386	Stage 5		2320 Pit Run	Final lift	Lot 960		97	YES	
24/02/2023	1482_001(0253/23)	1	1069	395843.619	811944.771	Stage 5		1640 Sand	Lift 1	Lot 1012		100	YES	
24/02/2023	1482_001(0253/23)	2	1070	395860.881	811936.76	Stage 5		1640 Sand	Lift 1	Lot 1012		99	YES	
2/03/2023	KB23/0099	1	1073	395844.405	811944.861	Stage 5		2360 Pit Run	Lift 1	Lot 1012		97	YES	
2/03/2023	KB23/0099	2	1074	395859.695	811937.361	Stage 5		2360 Pit Run	Lift 1	Lot 1012		97	YES	
3/03/2023	KB23/0105	3	1079	395855.388	811933.917	Stage 5		2360 Pit Run	Lift 2	Lot 1012		103	YES	
3/03/2023	KB23/0105	4	1080	395852.521	811944.711	Stage 5		2360 Pit Run	Lift 2	Lot 1012		99	YES	
27/02/2023	KB23/0089	5	1085	395814.415	812018.528	Stage 5		2360 Pit Run	Final Lift	Lot 965		98	YES	
27/02/2023	KB23/0089	6	1086	395824.891	812023.814	Stage 5		2360 Pit Run	Final Lift	Lot 965		98	YES	
18/08/2022	1613_001 (1341/22)	1	1107	395828.032	811986.993	Stage 5		1560 Sand	Lift 2 (Final)	Lot 963		101	YES	
18/08/2022	1613_001 (1341/22)	2	1108	395843.193	811973.983	Stage 5		1560 Sand	Lift 2 (Final)	Lot 963		99	YES	
12/05/2021	1713_001 (0937/21)	5	1113	395790.845	811984.78	Stage 5		1640 Sand	Lift 1	Lot 959		99	YES	
12/05/2021	1713_001 (0937/21)	6	1114	395778.038	811986.751	Stage 5		1640 Sand	Lift 1	Lot 959		97	YES	
12/05/2021	1713_001 (0937/21)	7	1115	395832.386	812000.898	Stage 5		1640 Sand	Lift 1	Lot 964		100	YES	
12/05/2021	1713_001 (0937/21)	8	1116	395819.56	812005.497	Stage 5		1640 Sand	Lift 1	Lot 964		98	YES	
12/05/2021	1713_001 (0937/21)	11	1119	395823.622	812020.241	Stage 5		1640 Sand	Lift 1	Lot 965		97	YES	
12/05/2021	1713_001 (0937/21)	12	1120	395813.355	812022.767	Stage 5		1640 Sand	Lift 1	Lot 965		91 Yes	NO	

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Test Date	Test ID#	Test #	Unique ID#	mE	mN	Stage	MDD	Type	Lift #	Lot ID	Compaction (%)	Retest	Pass (Yes/No)	Comments
14/10/2020	1651-20	11	201	395726.153	812073.092	Stage 5	1600	Sand	Lift 1	Lot 971		99	YES	amended 27th June (MDD changed from 1660 to 1600)
14/10/2020	1651-20	12	202	395738.632	812057.348	Stage 5	1600	Sand	Lift 1	Lot 971		99	YES	amended 27th June (MDD changed from 1660 to 1600)
7/03/2022	KB22/0097	1	398	395734.511	812060.715	Stage 5	2360	Pitrun	Lift 1	Lot 971		101	YES	Duplicate of Lift 1 in Lot 971 by two different companies. (See 1651-20)
7/03/2022	KB22/0097	2	399	395733.174	812071.028	Stage 5	2360	Pitrun	Lift 1	Lot 971		102	YES	Duplicate of Lift 1 in Lot 971 by two different companies. (See 1651-20)
8/03/2022	KB22/0101	1	396	395734.511	812060.715	Stage 5	2360	Pitrun	Lift 2	Lot 971		102	YES	
8/03/2022	KB22/0101	2	397	395733.174	812071.028	Stage 5	2360	Pitrun	Lift 2	Lot 971		102	YES	
9/03/2022	KB22/0103	1	442	395734.511	812060.715	Stage 5	2360	Pitrun	Lift 3	Lot 971		95	YES	
9/03/2022	KB22/0103	2	443	395733.174	812071.028	Stage 5	2360	Pitrun	Lift 3	Lot 971		96	YES	
10/03/2022	KB22/0107	1	432	395734.511	812060.715	Stage 5	2360	Pitrun	Lift 4	Lot 971		96	YES	
10/03/2022	KB22/0107	2	433	395733.174	812071.028	Stage 5	2360	Pitrun	Lift 4	Lot 971		97	YES	
14/10/2020	1651-20	9	199	395708.873	812050.628	Stage 5	1600	Sand	Lift 1	Lot 972		100	YES	amended 27th June (MDD changed from 1660 to 1600)
14/10/2020	1651-20	10	200	395718.473	812070.98	Stage 5	1600	Sand	Lift 1	Lot 972		99	YES	amended 27th June (MDD changed from 1660 to 1600)
28/10/2020	1774-20	7	209	395713.343	812069.226	Stage 5	1600	Sand	Lift 2	Lot 972		99	YES	amended 27th June (MDD changed from 1660 to 1600) TWO LIFT 2?
28/10/2020	1774-20	8	210	395714.755	812054.737	Stage 5	1600	Sand	Lift 2	Lot 972		99	YES	amended 27th June (MDD changed from 1660 to 1600) TWO LIFT 2?
22/10/2020	1738-20	7	221	395710.835	812053.041	Stage 5	1600	Sand	Lift 2	Lot 972		100	YES	amended 27th June (MDD changed from 1660 to 1600) TWO LIFT 2?
22/10/2020	1738-20	8	222	395713.689	812070.01	Stage 5	1600	Sand	Lift 2	Lot 972		97 Yes	YES	amended 27th June (MDD changed from 1660 to 1600) TWO LIFT 2?
3/11/2020	1838-20	3	157	395714.618	812067.176	Stage 5	1600	Sand	Lift 3 (Final)	Lot 972		101	YES	amended 27th June (Lift no. provided)
3/11/2020	1838-20	4	158	395714.618	812057.182	Stage 5	1600	Sand	Lift 3 (Final)	Lot 972		105	YES	amended 27th June (Lift no. provided)
14/10/2020	1651-20	7	197	395690.442	812066.18	Stage 5	1600	Sand	Lift 1	Lot 973		100	YES	amended 27th June (MDD changed from 1660 to 1600)
14/10/2020	1651-20	8	198	395702.346	812049.572	Stage 5	1600	Sand	Lift 1	Lot 973		99	YES	amended 27th June (MDD changed from 1660 to 1600)
28/10/2020	1774-20	9	211	395697.769	812050.817	Stage 5	1600	Sand	Lift 2	Lot 973		94 No	NO	amended 27th June (MDD changed from 1660 to 1600)
28/10/2020	1774-20	10	212	395695.809	812065.843	Stage 5	1600	Sand	Lift 2	Lot 973		103	YES	amended 27th June (MDD changed from 1660 to 1600)
22/10/2020	1738-20	5	219	395694.63	812067.196	Stage 5	1600	Sand	Lift 2	Lot 973		99	YES	amended 27th June (MDD changed from 1660 to 1600)
22/10/2020	1738-20	6	220	395697.81	812049.821	Stage 5	1600	Sand	Lift 2	Lot 973		98 Yes	YES	amended 27th June (MDD changed from 1660 to 1600)
24/08/2022	KB22/0330	3	853	395759.334	812021.576	Stage 5	2320	Pit Run	Lift 2	Lot 961		96	YES	Says lift 2 but no data for lift one on lot 961 and 948. Typo??
24/08/2022	KB22/0330	4	854	395775.755	812023.368	Stage 5	2320	Pit Run	Lift 2	Lot 961		99	YES	Says lift 2 but no data for lift one on lot 961 and 948. Typo??
26/08/2022	KB22/0333	1	855	395775.755	812023.368	Stage 5	2320	Pit Run	Lift 3	Lot 961		99	YES	Issue related to above note
26/08/2022	KB22/0333	2	856	395759.334	812021.576	Stage 5	2320	Pit Run	Lift 3	Lot 961		100	YES	Issue related to above note
15/10/2020	KB20/0381	1	151	395702.023	812017.279	Stage 5	2320	Pitrun	Lift 1	Lot 947		98	YES	
15/10/2020	KB20/0381	2	152	395707.23	812000.866	Stage 5	2320	Pitrun	Lift 1	Lot 947		99	YES	
19/10/2020	KB20/0384	1	227	395701.527	812017.844	Stage 5	2320	Pitrun	Lift 2	Lot 947		100	YES	
19/10/2020	KB20/0384	2	228	395706.891	812000.553	Stage 5	2320	Pitrun	Lift 2	Lot 947		99	YES	
3/11/2020	1838-20	5	159	395694.333	812051.155	Stage 5	1600	Sand	Lift 3 (Final)	Lot 973		100	YES	amended 27th June (Lift no. provided)
3/11/2020	1838-20	6	160	395696.001	812067.357	Stage 5	1600	Sand	Lift 3 (Final)	Lot 973		101	YES	amended 27th June (Lift no. provided)
3/07/2022	KB20/0203	1	761	395668.249	812049.167	Stage 5	2320	Pit run	Lift 1	Lot 974		103	YES	
3/07/2022	KB20/0203	4	764	395666.643	812061.631	Stage 5	2320	Pit run	Lift 1	Lot 974		96	YES	
28/10/2020	1774-20	11	213	395673.816	812063.52	Stage 5	1600	Sand	Lift 2	Lot 974		98	YES	amended 27th June (MDD changed from 1660 to 1600)
28/10/2020	1774-20	12	214	395674.904	812045.881	Stage 5	1600	Sand	Lift 2	Lot 974		94 No	NO	amended 27th June (MDD changed from 1660 to 1600)
7/07/2020	KB20/0209	1	147	395672.641	812045.921	Stage 5	2320	Pitrun	Lift 3	Lot 974		97	YES	There's 2 Lift 3 of Lots 974 & 975 (KB20/0209 & 1838-20) but 1 is on west half
7/07/2020	KB20/0209	2	148	395669.245	812063.239	Stage 5	2320	Pitrun	Lift 3	Lot 974		98	YES	There's 2 Lift 3 of Lots 974 & 975 (KB20/0209 & 1838-20) but 1 is on west half
20/10/2020	KB20/0385	1	231	395702.111	812017.801	Stage 5	2320	Pitrun	Lift 3 (Final)	Lot 947		101	YES	
20/10/2020	KB20/0385	2	232	395707.333	812000.442	Stage 5	2320	Pitrun	Lift 3 (Final)	Lot 947		101	YES	
3/11/2020	1838-20	11	165	395675.331	812061.767	Stage 5	1600	Sand	Lift 3	Lot 974		97	YES	There's 2 Lift 3 of Lots 974 & 975 (KB20/0209 & 1838-20) but 1 is on west half
3/11/2020	1838-20	12	166	395676.802	812048.899	Stage 5	1600	Sand	Lift 3	Lot 974		100	YES	There's 2 Lift 3 of Lots 974 & 975 (KB20/0209 & 1838-20) but 1 is on west half
24/08/2022	KB22/0330	1	851	395744.604	812007.145	Stage 5	2320	Pit Run	Lift 2	Lot 948		99	YES	Says lift 2 but no data for lift one on lot 961 and 948. Typo??
24/08/2022	KB22/0330	2	852	395740.922	812028.941	Stage 5	2320	Pit Run	Lift 2	Lot 948		100	YES	Says lift 2 but no data for lift one on lot 961 and 948. Typo??
26/08/2022	KB22/0333	3	857	395740.922	812028.941	Stage 5	2320	Pit Run	Lift 3	Lot 948		98	YES	Issue related to above note
26/08/2022	KB22/0333	4	858	395744.604	812007.145	Stage 5	2320	Pit Run	Lift 3	Lot 948		98	YES	Issue related to above note
12/08/2022	KD22/0312	5	783	395791.622	812077.216	Stage 5	2320	Pit run	Lift 1	Lot 968		98	YES	
12/08/2022	KD22/0312	6	784	395805.356	812070.12	Stage 5	2320	Pit run	Lift 1	Lot 968		98	YES	
22/08/2022	KB22/0324	5	839	395791.622	812077.216	Stage 5	2320	Pit Run	Lift 2	Lot 968		95	YES	
22/08/2022	KB22/0324	6	840	395805.356	812070.12	Stage 5	2320	Pit Run	Lift 2	Lot 968		98	YES	
12/10/2022	KB22/0429	3	1046	395817.491	812043.442	Stage 5	2320	Pit Run	Lift 2	Lot 966		99	YES	984 and 966 no record of other lifts to date. Lot 965 and 985 have had 3-4 other lifts (some half lots)
12/10/2022	KB22/0429	4	1047	395804.232	812037.091	Stage 5	2320	Pit Run	Lift 2	Lot 966		97	YES	984 and 966 no record of other lifts to date. Lot 965 and 985 have had 3-4 other lifts (some half lots)
15/09/2022	KB22/0384	3	927	395805.327	812078.774	Stage 5	2320	Pit Run	Lift 3 (Final)	Lot 968		99	YES	
15/09/2022	KB22/0384	4	928	395791.949	812067.106	Stage 5	2320	Pit Run	Lift 3 (Final)	Lot 968		98	YES	
12/08/2022	KD22/0312	3	781	395773.309	812058.331	Stage 5	2320	Pit run	Lift 1	Lot 969		98	YES	
12/08/2022	KD22/0312	4	782	395778.803	812069.776	Stage 5	2320	Pit run	Lift 1	Lot 969		96	YES	
22/08/2022	KB22/0324	3	837	395773.309	812058.331	Stage 5	2320	Pit Run	Lift 2	Lot 969		96	YES	
22/08/2022	KB22/0324	4	838	395778.803	812069.776	Stage 5	2320	Pit Run	Lift 2	Lot 969		95	YES	
15/09/2022	KB22/0384	5	929	395782.393	812065.094	Stage 5	2320	Pit Run	Lift 3 (Final)	Lot 969		98	YES	
15/09/2022	KB22/0384	6	930	395771.831	812076.863	Stage 5	2320	Pit Run	Lift 3 (Final)	Lot 969		98	YES	
12/08/2022	KD22/0312	1	779	395753.394	812074.583	Stage 5	2320	Pit run	Lift 1	Lot 970		97	YES	
12/08/2022	KD22/0312	2	780	395761.52	812063.367	Stage 5	2320	Pit run	Lift 1	Lot 970		98	YES	
22/08/2022	KB22/0324	1	835	395753.394	812074.583	Stage 5	2320	Pit Run	Lift 2	Lot 970		95	YES	
22/08/2022	KB22/0324	2	836	395761.52	812063.367	Stage 5	2320	Pit Run	Lift 2	Lot 970		97	YES	
15/09/2022	KB22/0384	7	931	395753.394	812074.583	Stage 5	2320	Pit Run	Lift 3 (Final)	Lot 970		98	YES	

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Test Date	Test ID#	Test #	Unique ID#	mE	mN	Stage	MDD	Type	Lift #	Lot ID	Compaction (%)	Retest	Pass (Yes/No)	Comments
15/09/2022	KB22/0384	8	932	395754.529	812061.775	Stage 5	2320	Pit Run	Lift 3 (Final)	Lot 970	98		YES	
27/02/2023	KB23/0089	1	1081	395795.849	812052.657	Stage 5	2360	Pit Run	Final Lift	Lot 967	96		YES	
27/02/2023	KB23/0089	2	1082	395809.988	812058.11	Stage 5	2360	Pit Run	Final Lift	Lot 967	98		YES	
27/02/2023	KB23/0089	3	1083	395819.025	812041.403	Stage 5	2360	Pit Run	Final Lift	Lot 966	96		YES	
27/02/2023	KB23/0089	4	1084	395807.096	812035.097	Stage 5	2360	Pit Run	Final Lift	Lot 966	97		YES	
18/08/2022	KB22/0322	3	1123	395817.925	812037.776	Stage 5	2320	Pitrun	Lift 1	Lot 966	96		YES	
18/08/2022	KB22/0322	4	1124	395803.733	812038.231	Stage 5	2320	Pitrun	Lift 1	Lot 966	99		YES	
18/08/2022	KB22/0322	5	1125	395796.679	812048.409	Stage 5	2320	Pitrun	Lift 1	Lot 967	99		YES	
18/08/2022	KB22/0322	6	1126	395807.556	812060.236	Stage 5	2320	Pitrun	Lift 1	Lot 967	98		YES	
17/08/2022	KB22/0315	1	1127	395735.276	812024.434	Stage 5	2320	Pitrun	Lift 1	Lot 948	98		YES	
17/08/2022	KB22/0315	2	1128	395748.305	812011.292	Stage 5	2320	Pitrun	Lift 1	Lot 948	106		YES	
17/08/2022	KB22/0315	3	1129	395755.953	812023.074	Stage 5	2320	Pitrun	Lift 1	Lot 961	102		YES	
17/08/2022	KB22/0315	4	1130	395771.984	812026.87	Stage 5	2320	Pitrun	Lift 1	Lot 961	100		YES	
27/03/2023		1	1131	395793.313	812049.596	Stage 5	2360	Pitrun	Lift 2	Lot 967	96		YES	
27/03/2023		2	1132	395812.228	812058.217	Stage 5	2360	Pitrun	Lift 2	Lot 967	96		YES	

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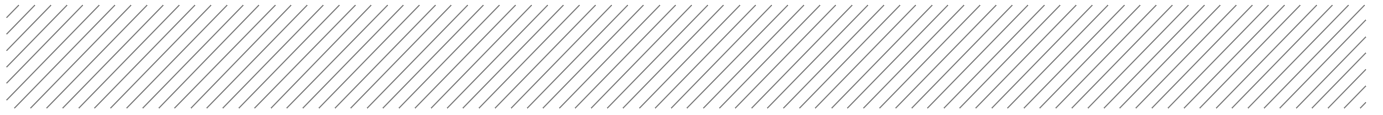
COORDINATES LINKED TO TAB

Test Date	Test ID#	Test #	Unique ID#	mE	mN	Stage	MDD	Type	Lift #	Lot ID	Compaction (%)	Retest	Pass (Yes/No)	Comments
4/07/2022	1946_001 (1096/22)	9	702	395769.644	811854.413	Stage 5	1560	Sand	Lift 1 - final	Lot 940		103	YES	
4/07/2022	1946_001 (1096/22)	10	703	395776.46	811839.469	Stage 5	1560	Sand	Lift 1 - final	Lot 940		106	YES	
5/08/2022	2751_001 (1280/22)	5	769	395757.447	811881.052	Stage 5	1640	Sand	Lift 1 (Final)	Lot 941		107	YES	
5/08/2022	2751_001 (1280/22)	6	770	395748.986	811892.881	Stage 5	1640	Sand	Lift 1 (Final)	Lot 941		107	YES	
20/07/2022	2039_001 (1209/22)	7	799	395743.495	811914.879	Stage 5	1640	Sand	Lift 1	Lot 942		101	YES	
20/07/2022	2039_001 (1209/22)	8	800	395748.233	811902.901	Stage 5	1640	Sand	Lift 1	Lot 942		104	YES	
20/05/2021	0242_001 (0991/21)	11	358	395749.908	811978.851	Stage 5	1640	Sand (wester	Lift 2	Lot 950		95	YES	
20/05/2021	0242_001 (0991/21)	12	359	395768.109	811973.817	Stage 5	1640	Sand (wester	Lift 2	Lot 950		97	YES	
5/08/2022	2751_001 (1280/22)	7	771	395748.233	811902.901	Stage 5	1640	Sand	Lift 2 (Final)	Lot 942		105	YES	
5/08/2022	2751_001 (1280/22)	8	772	395743.495	811914.879	Stage 5	1640	Sand	Lift 2 (Final)	Lot 942		107	YES	
27/10/2020	KB20/0394	3	237	395736.77	811949.649	Stage 5	2320	Pitrun	Lift 1	Lot 943		97	YES	
27/10/2020	KB20/0394	4	238	395725.156	811942.011	Stage 5	2320	Pitrun	Lift 1	Lot 943		96	YES	
29/10/2020	KB20/0395	3	243	395736.423	811950.134	Stage 5	2320	Pitrun	Lift 2 (Final)	Lot 943		99	YES	
29/10/2020	KB20/0395	4	244	395724.827	811942.383	Stage 5	2320	Pitrun	Lift 2 (Final)	Lot 943		100	YES	
27/10/2020	KB20/0394	2	236	395727.317	811968.676	Stage 5	2320	Pitrun	Lift 1	Lot 944		99	YES	
27/10/2020	KB20/0394	5	239	395716.193	811963.093	Stage 5	2320	Pitrun	Lift 1	Lot 944		98	YES	
29/10/2020	KB20/0395	2	242	395727.732	811968.061	Stage 5	2320	Pitrun	Lift 2 (Final)	Lot 944		100	YES	
29/10/2020	KB20/0395	5	245	395715.897	811963.561	Stage 5	2320	Pitrun	Lift 2 (Final)	Lot 944		99	YES	
27/10/2020	KB20/0394	1	235	395718.645	811989.204	Stage 5	2320	Pitrun	Lift 1	Lot 945		96	YES	
27/10/2020	KB20/0394	6	240	395707.995	811984.042	Stage 5	2320	Pitrun	Lift 1	Lot 945		100	YES	
29/10/2020	KB20/0395	1	241	395718.903	811988.349	Stage 5	2320	Pitrun	Lift 2 (Final)	Lot 945		98	YES	
29/10/2020	KB20/0395	6	246	395707.523	811984.53	Stage 5	2320	Pitrun	Lift 2 (Final)	Lot 945		100	YES	
15/10/2020	KB20/0381	3	153	395710.739	811990.113	Stage 5	2320	Pitrun	Lift 1	Lot 946		98	YES	
15/10/2020	KB20/0381	4	154	395716.172	811981.171	Stage 5	2320	Pitrun	Lift 1	Lot 946		97	YES	
19/10/2020	KB20/0384	3	229	395711.362	811990.336	Stage 5	2320	Pitrun	Lift 2	Lot 946		98	YES	
19/10/2020	KB20/0384	4	230	395716.841	811981.006	Stage 5	2320	Pitrun	Lift 2	Lot 946		100	YES	
20/10/2020	KB20/0385	3	233	395711.33	811990.828	Stage 5	2320	Pitrun	Lift 3 (Final)	Lot 946		100	YES	
20/10/2020	KB20/0385	4	234	395716.629	811981.498	Stage 5	2320	Pitrun	Lift 3 (Final)	Lot 946		104	YES	
2/08/2022	KB22/0296	1	787	395761.835	811957.61	Stage 5	2320	Pit run	Final Lift	Lot 951		98	YES	
2/08/2022	KB22/0296	2	788	395773.641	811962.453	Stage 5	2320	Pit run	Final Lift	Lot 951		96	YES	
20/07/2022	039_001 (1209/22)	5	797	395761.835	811957.61	Stage 5	1640	Sand	Lift 1	Lot 951		118	YES	
20/07/2022	039_001 (1209/22)	6	798	395773.641	811962.453	Stage 5	1640	Sand	Lift 1	Lot 951		105	YES	
2/08/2022	KB22/0296	3	789	395779.393	811943.23	Stage 5	2320	Pit run	Final Lift	Lot 952		98	YES	
2/08/2022	KB22/0296	4	790	395768.192	811938.992	Stage 5	2320	Pit run	Final Lift	Lot 952		96	YES	
20/07/2022	039_001 (1209/22)	3	795	395779.393	811943.23	Stage 5	1640	Sand	Lift 1	Lot 952		108	YES	
20/07/2022	039_001 (1209/22)	4	796	395768.192	811938.992	Stage 5	1640	Sand	Lift 1	Lot 952		106	YES	
2/08/2022	KB22/0296	5	791	395774.701	811922.796	Stage 5	2320	Pit run	Final Lift	Lot 953		96	YES	
2/08/2022	KB22/0296	6	792	395787.567	811928.699	Stage 5	2320	Pit run	Final Lift	Lot 953		96	YES	
20/07/2022	039_001 (1209/22)	1	793	395774.701	811922.796	Stage 5	1640	Sand	Lift 1	Lot 953		103	YES	
20/07/2022	039_001 (1209/22)	2	794	395787.567	811928.699	Stage 5	1640	Sand	Lift 1	Lot 953		105	YES	
5/08/2022	2751_001 (1280/22)	1	765	395793.248	811914.615	Stage 5	1640	Sand	Lift 1 (Final)	Lot 954		103	YES	
5/08/2022	2751_001 (1280/22)	2	766	395787.983	811896.32	Stage 5	1640	Sand	Lift 1 (Final)	Lot 954		104	YES	
24/08/2022	KB22/0329	7	849	395762.494	811991.437	Stage 5	2320	Pit Run	Final lift	Lot 949		97	YES	
24/08/2022	KB22/0329	8	850	395744.584	811995.019	Stage 5	2320	Pit Run	Final lift	Lot 949		98	YES	
24/08/2022	KB22/0329	5	847	395768.109	811973.817	Stage 5	2320	Pit Run	Final lift	Lot 950		96	YES	
24/08/2022	KB22/0329	6	848	395749.908	811978.851	Stage 5	2320	Pit Run	Final lift	Lot 950		100	YES	
3/06/2021	0248_001 (1102/21)	1	362	395762.494	811991.437	Stage 5	1640	Sand (wester	Lift 1	Lot 949		97	YES	
3/06/2021	0248_001 (1102/21)	2	363	395744.584	811995.019	Stage 5	1640	Sand (wester	Lift 1	Lot 949		102	YES	
20/05/2021	0242_001 (0991/21)	9	356	395762.494	811991.437	Stage 5	1640	Sand (wester	Lift 2	Lot 949		95	YES	
20/05/2021	0242_001 (0991/21)	10	357	395744.584	811995.019	Stage 5	1640	Sand (wester	Lift 2	Lot 949		96	YES	
4/07/2022	1946_001 (1096/22)	3	696	395822.65	811864.483	Stage 5	1560	Sand	Lift 1 - final	Lot 937		102	YES	
4/07/2022	1946_001 (1096/22)	4	697	395815.753	811879.099	Stage 5	1560	Sand	Lift 1 - final	Lot 937		103	YES	
4/07/2022	1946_001 (1096/22)	5	698	395800.234	811870.313	Stage 5	1560	Sand	Lift 1 - final	Lot 938		103	YES	
4/07/2022	1946_001 (1096/22)	6	699	395808.938	811857.175	Stage 5	1560	Sand	Lift 1 - final	Lot 938		103	YES	
4/07/2022	1946_001 (1096/22)	7	700	395792.799	811847.27	Stage 5	1560	Sand	Lift 1 - final	Lot 939		102	YES	
4/07/2022	1946_001 (1096/22)	8	701	395784.671	811862.378	Stage 5	1560	Sand	Lift 1 - final	Lot 939		103	YES	

Project Prestons South Subdivision
Project No. 235361
Date 29-Nov-19
Title Summary of Compaction

COORDINATES LINKED TO TAB

Test Date	Test ID#	Test #	Unique ID#	mE	mN	Stage	MDD	Type	Lift #	Lot ID	Compaction (%)	Retest	Pass (Yes/No)	Comments
1/07/2022	KB22/0258	4	719	395910.009	811909.121	Stage 5	2320	Pit run	Lift 4	Embankment Lot 1011	101		YES	
30/06/2022	KB22/0251	4	643	395910.009	811909.121	Stage 5	2320	Pitrun	Lift 1	Gravel Embankment - Lot 1011	100		YES	
30/06/2022	KB22/0252	4	647	395910.009	811909.121	Stage 5	2320	Pitrun	Lift 2	Gravel Embankment - Lot 1011	100		YES	
30/06/2022	KB22/0253	4	651	395910.009	811909.121	Stage 5	2320	Pitrun	Lift 3	Gravel Embankment - Lot 1011	100		YES	

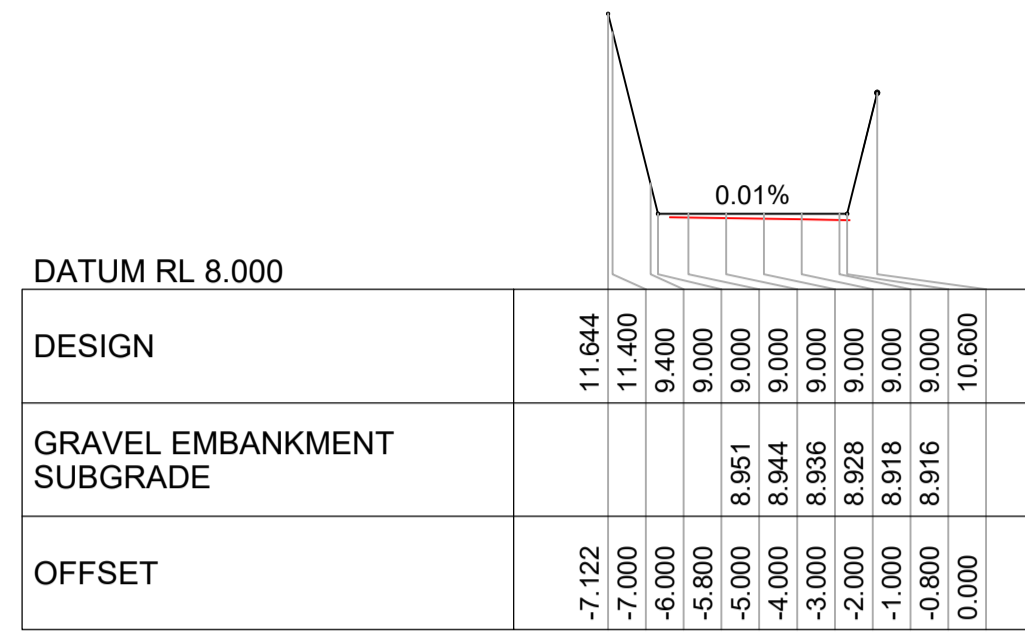


Appendix D

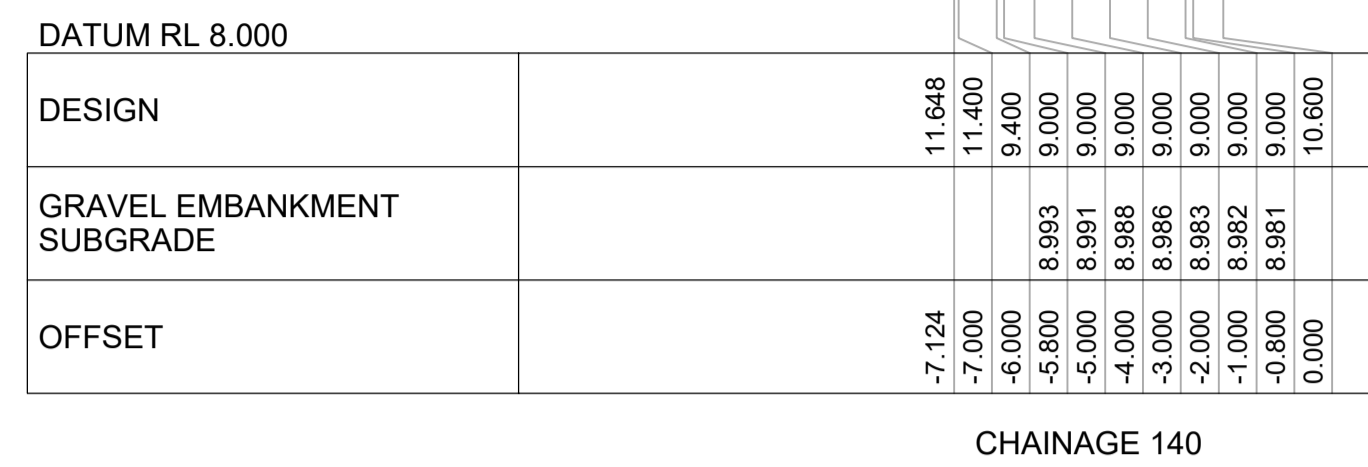
Gravel Embankment Design and As-Builts



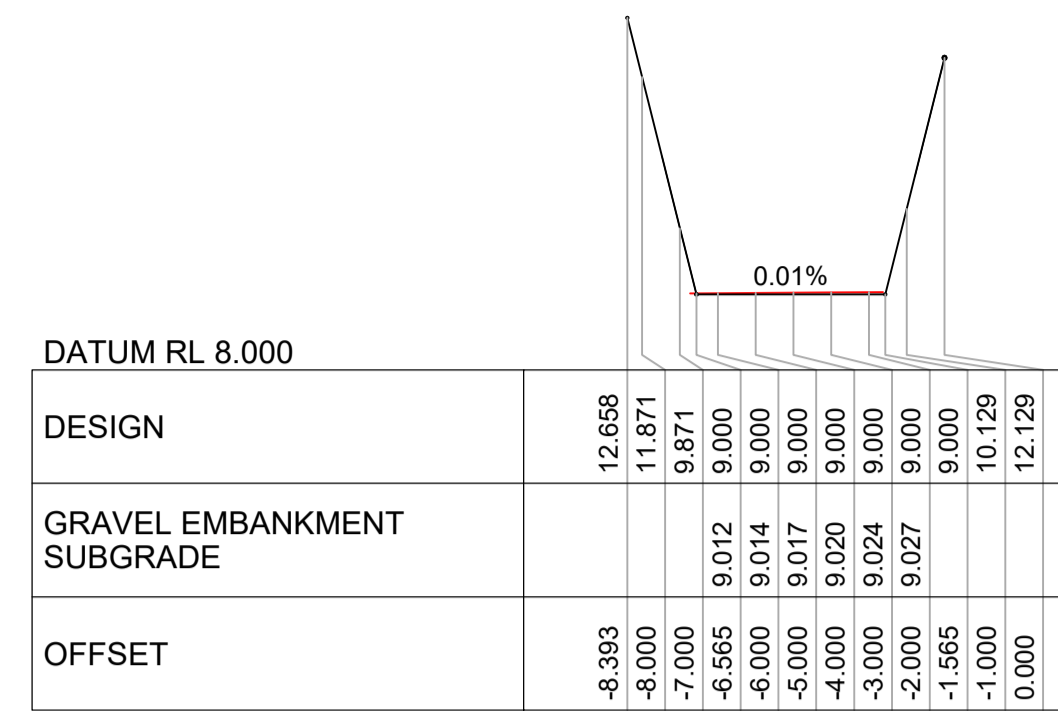
CLIENT		REV	DATE	REVISION DETAILS	APPROVED	DRAWN	DESIGNED	PROJECT	
						A. COLUMBUS	M. CROWE	PRESTONS PARK	
						CHECKED		TITLE	
						APPROVED		STAGE 5 GRAVEL EMBANKMENT AS BUILT PLAN	
							DATE	AS BUILT	
								PROJECT No. 235361	
								SCALE 1:1000(m)	SIZE A1
								DRAWING No.	REV
		A	20/10/22	AS BUILT ISSUE				LD-PS-S5-EW-12	A



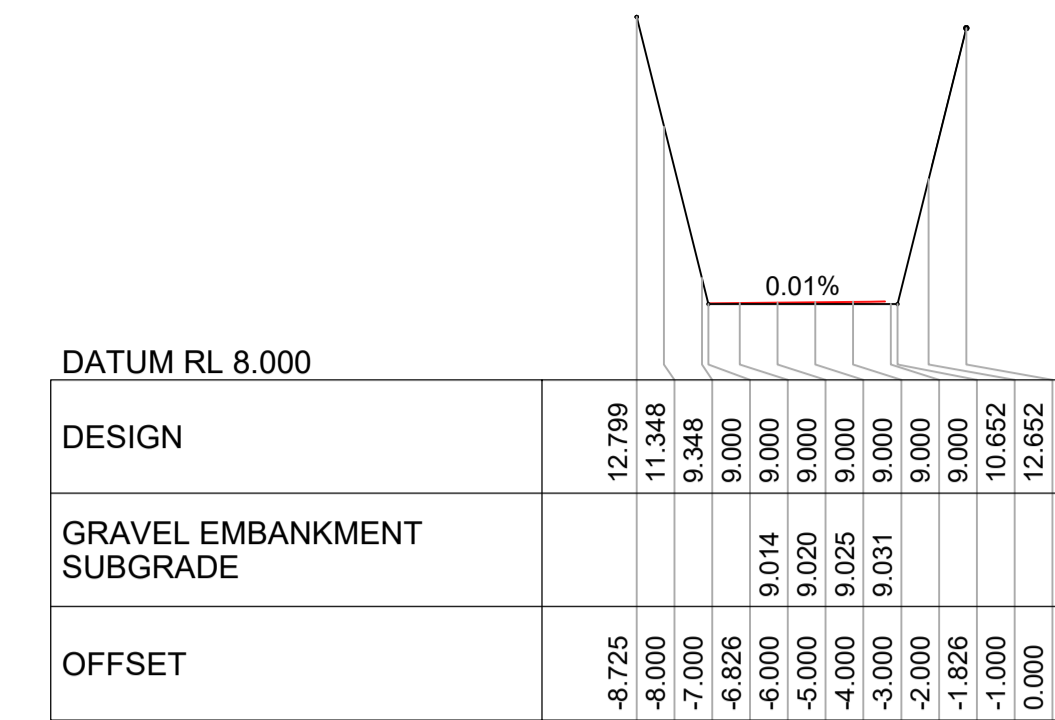
CHAINAGE 60



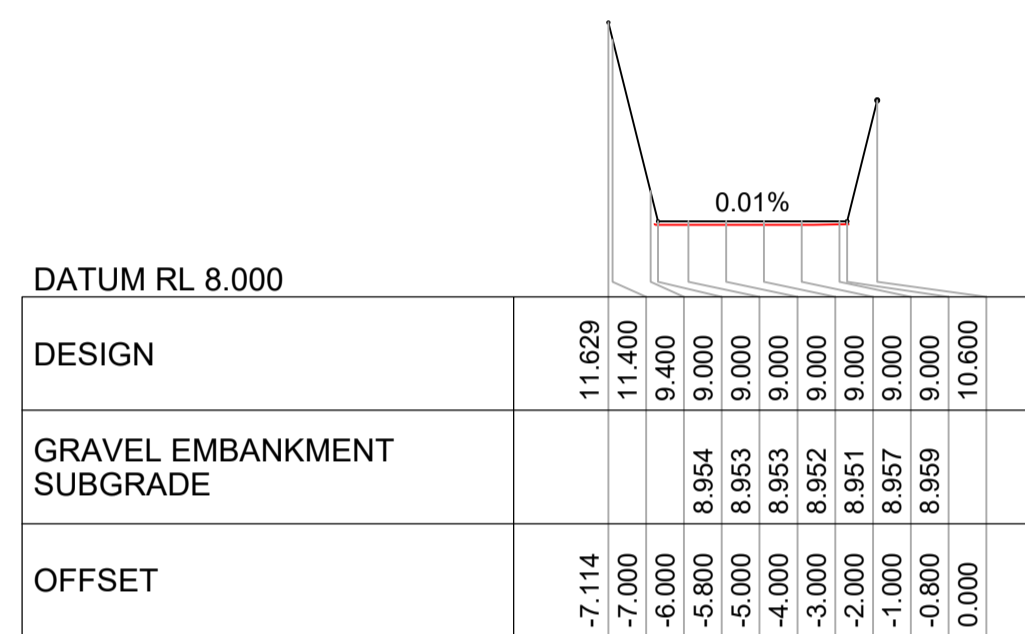
CHAINAGE 140



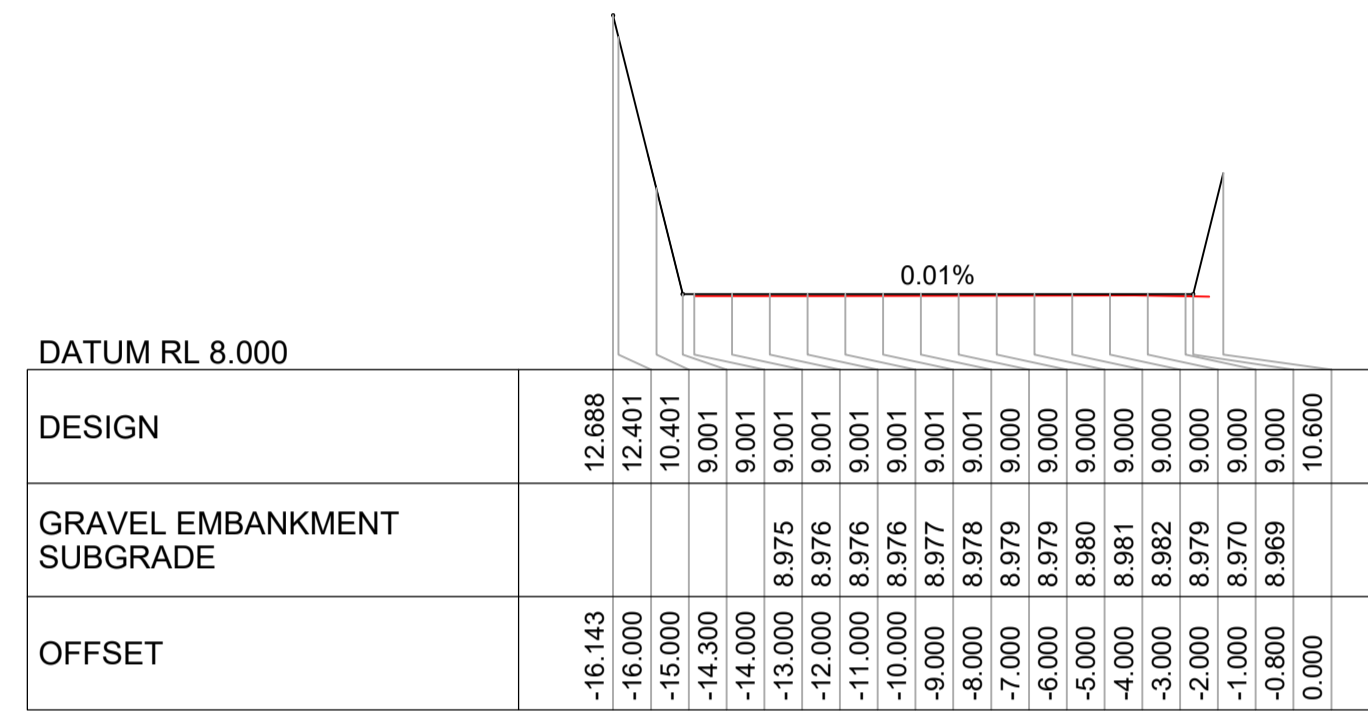
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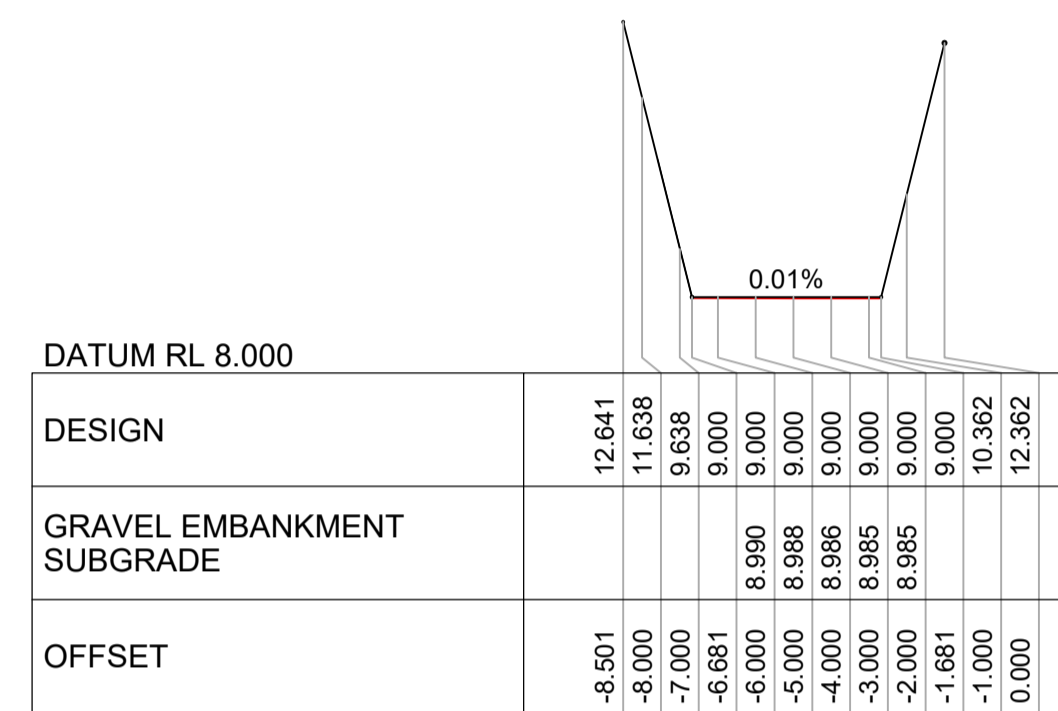
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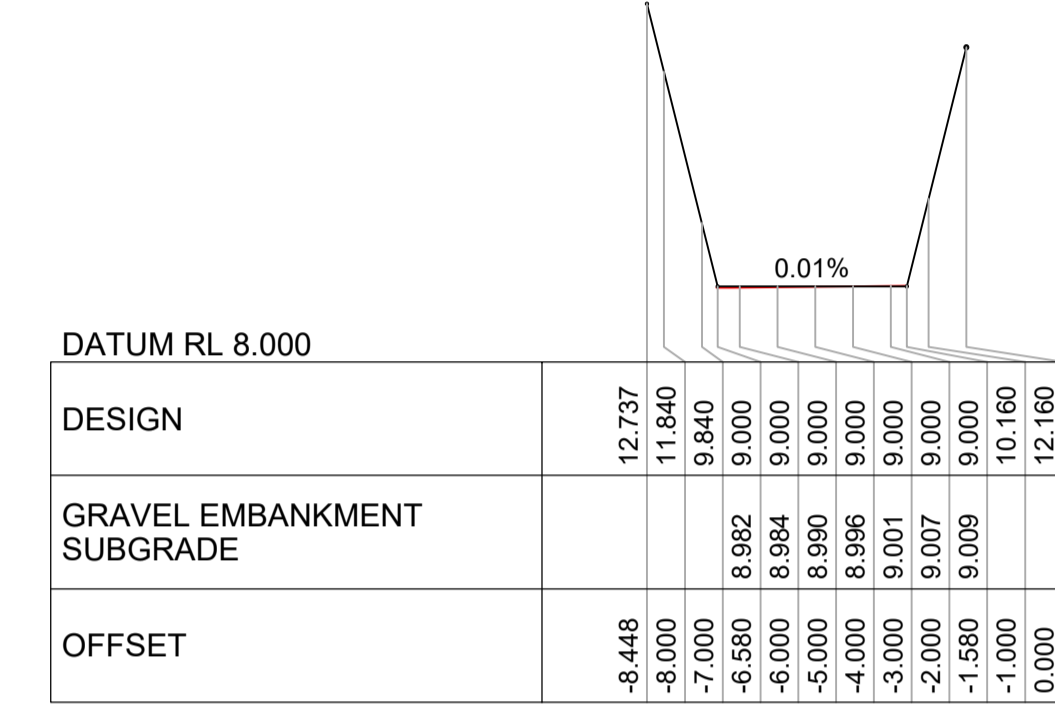
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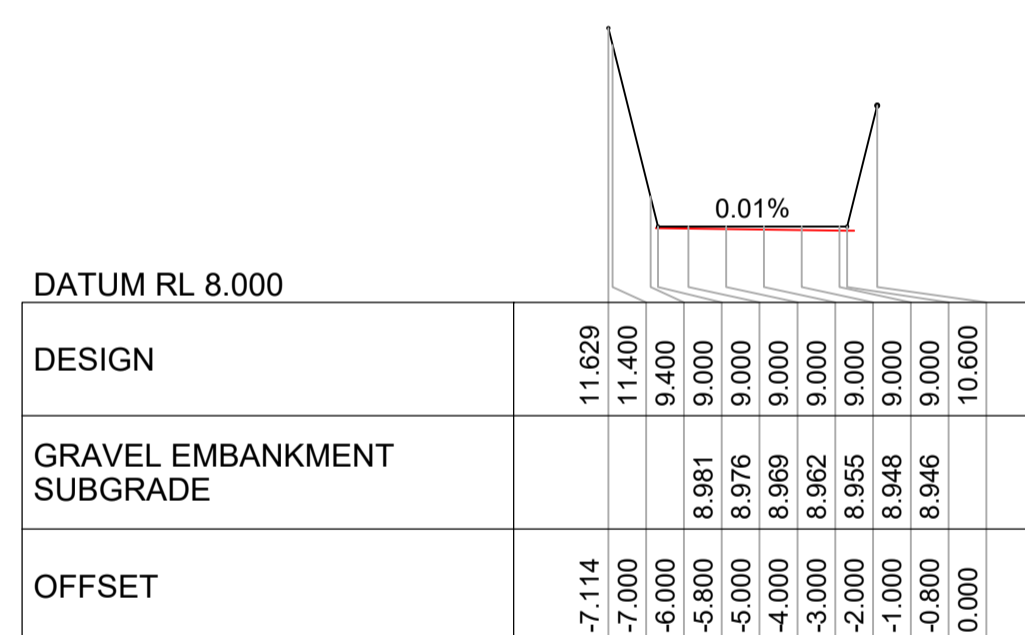
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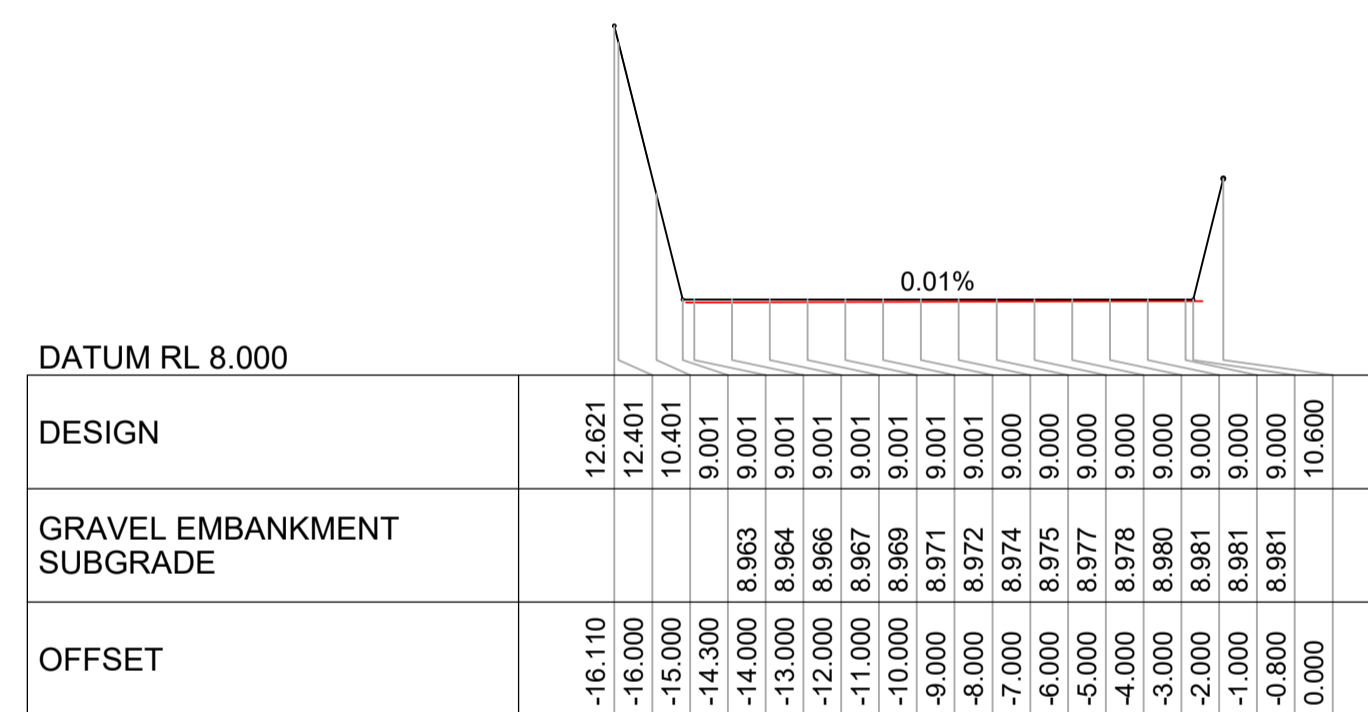
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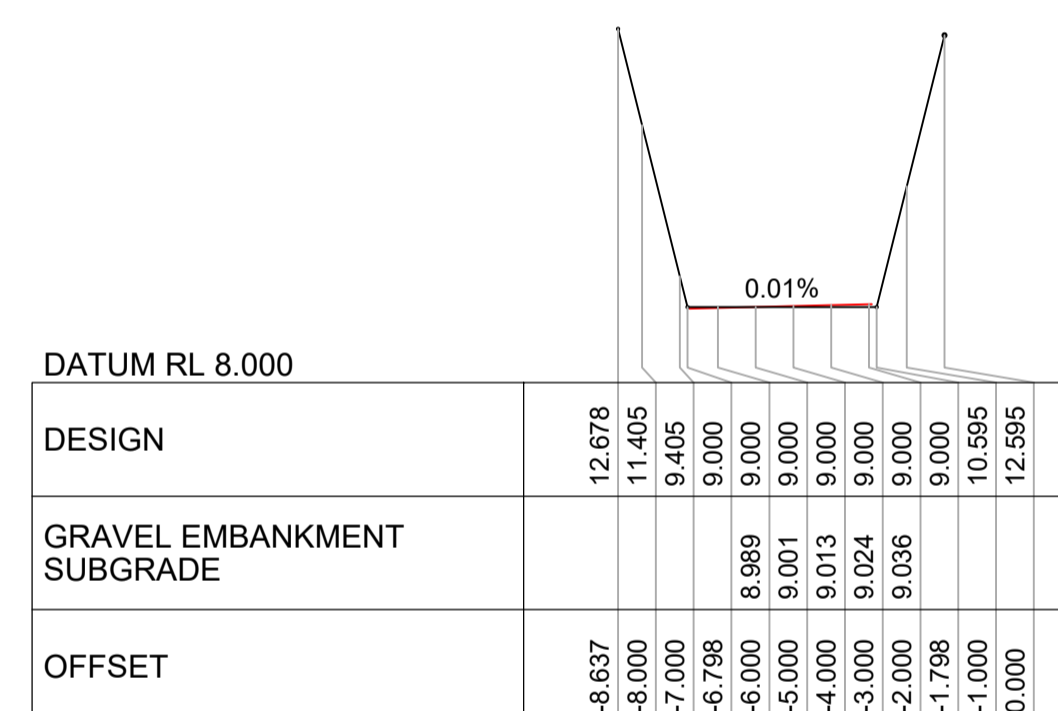
CHAINAGE 280



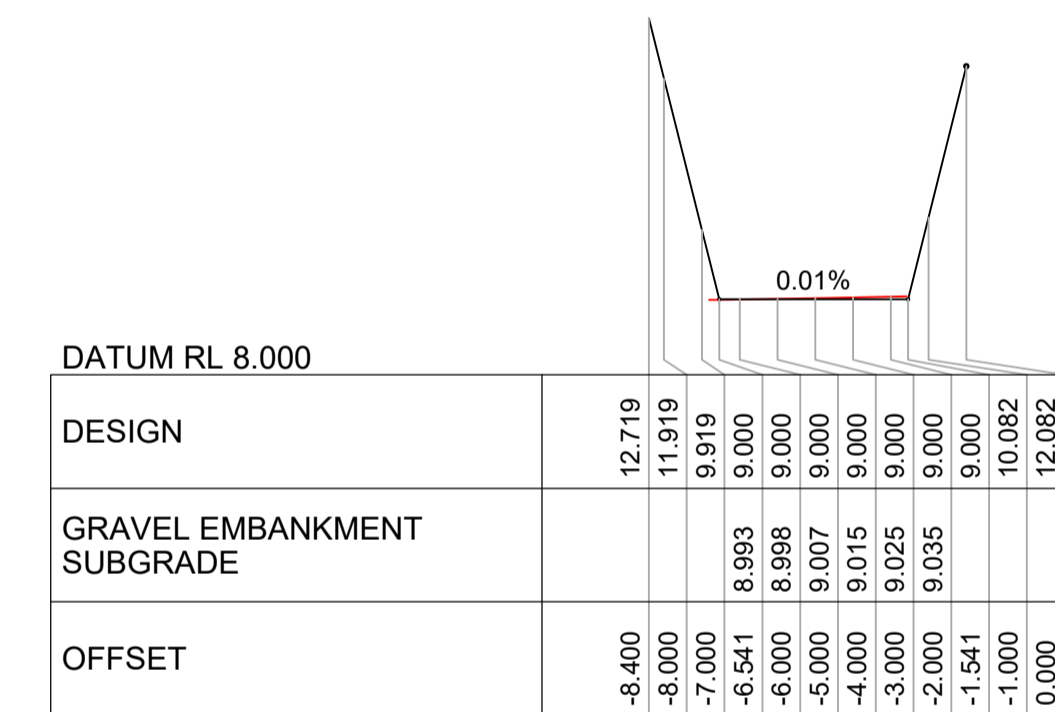
CHAINAGE 20



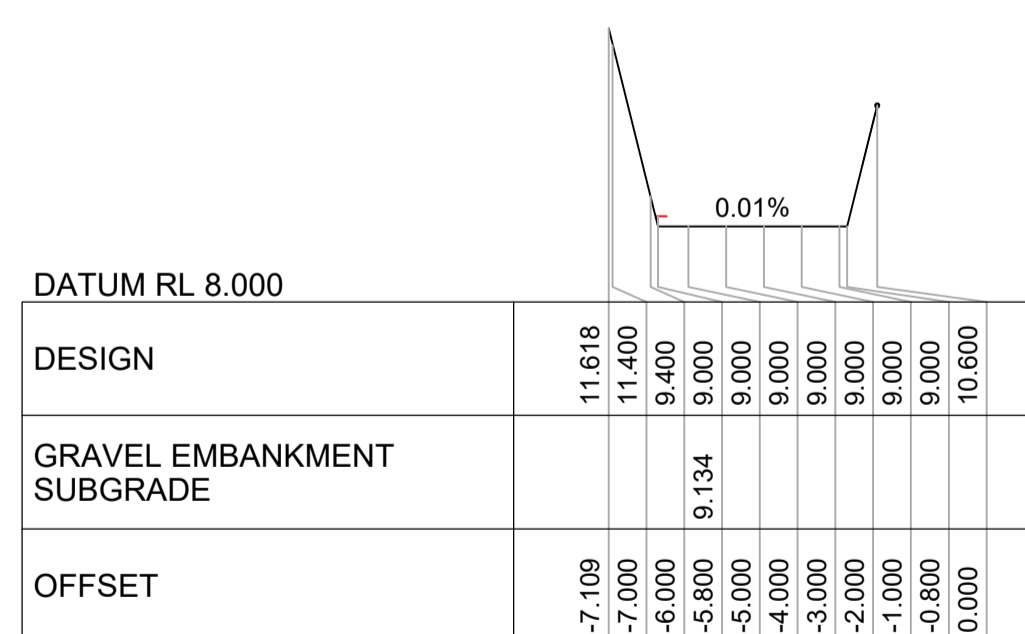
CHAINAGE 100



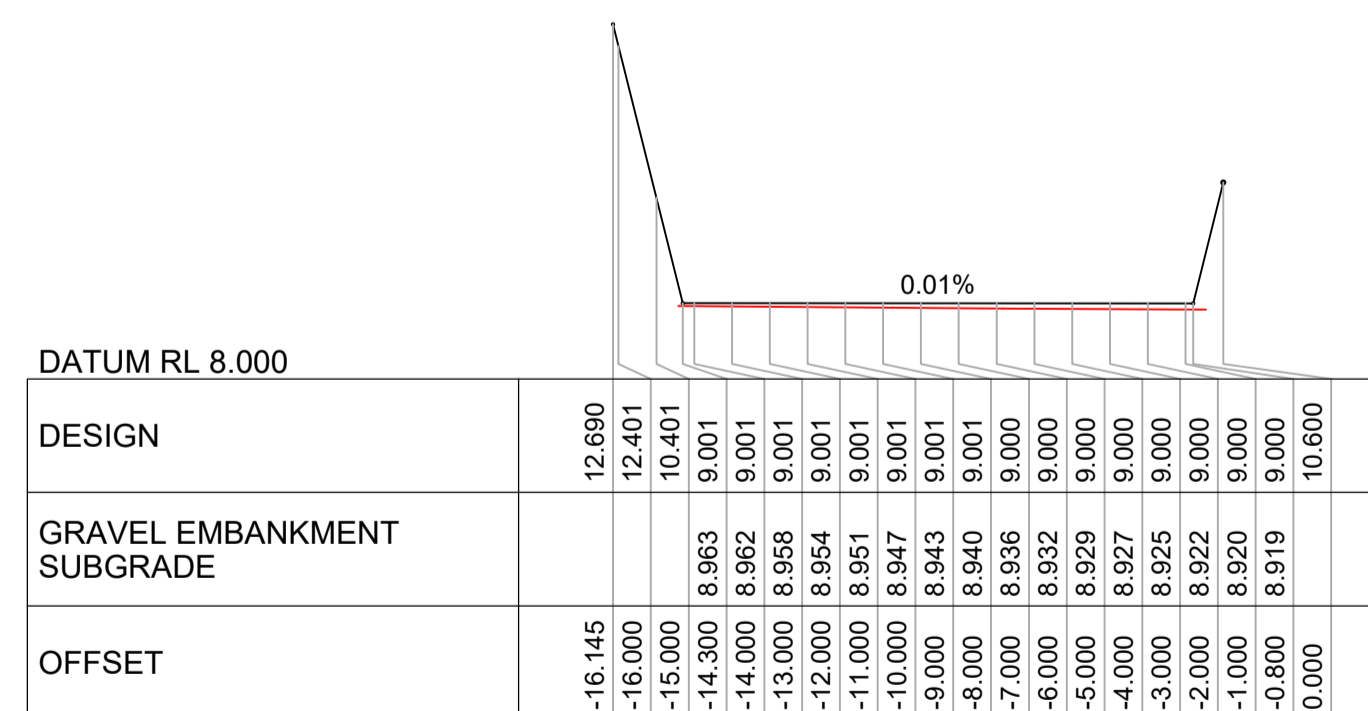
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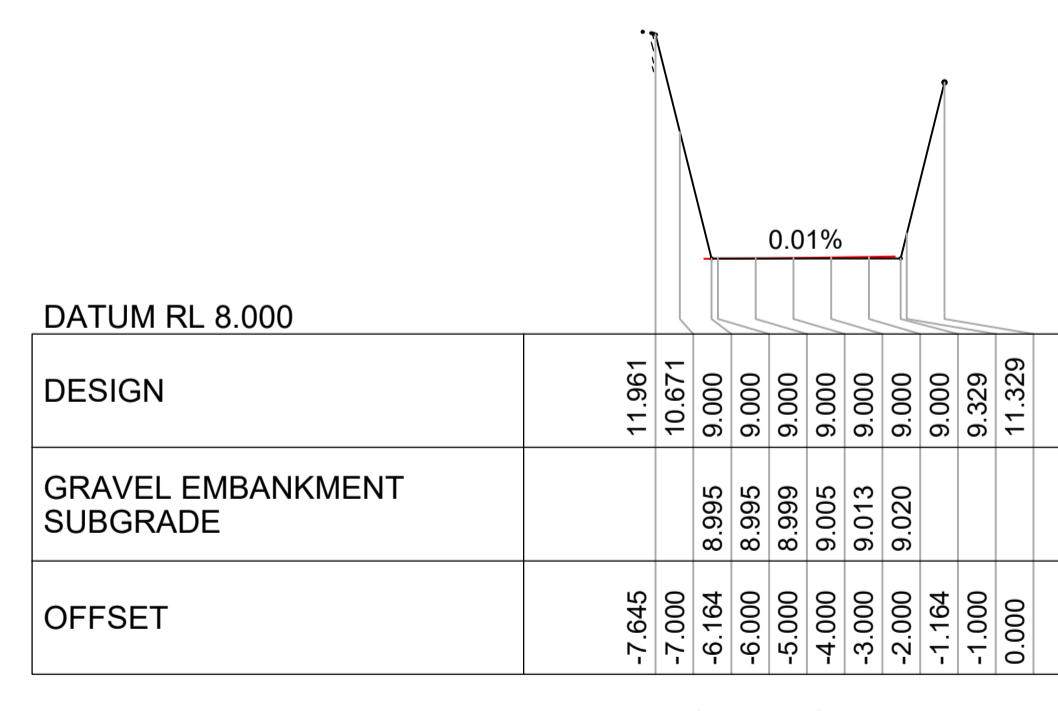
CHAINAGE 260



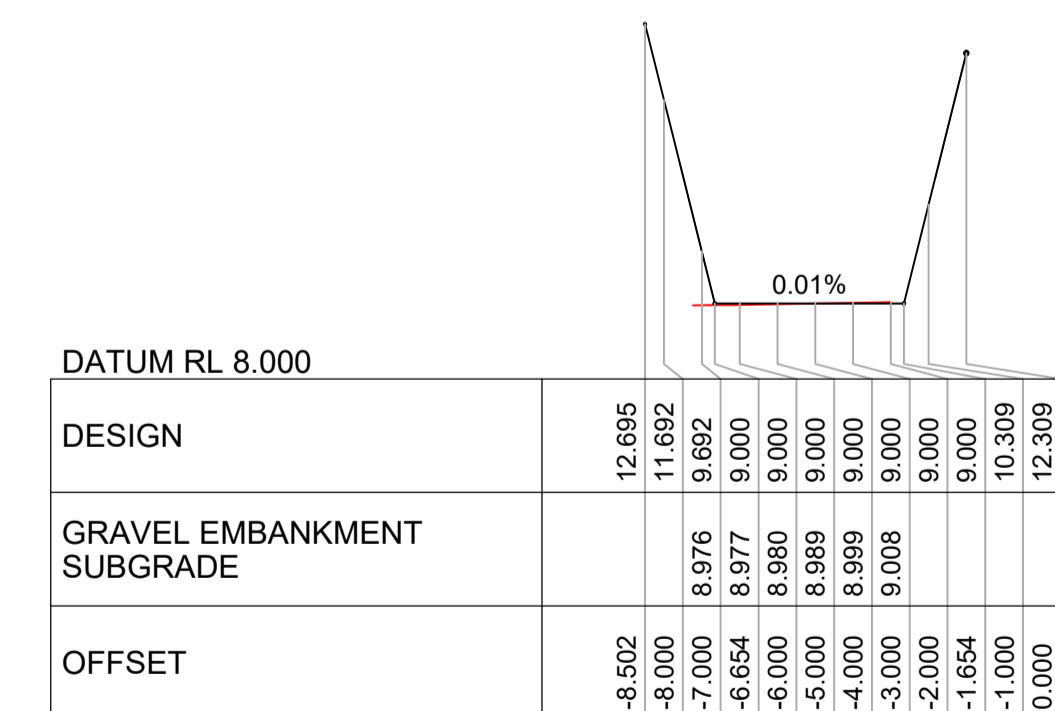
CHAINAGE 0



CHAINAGE 80



CHAINAGE 160



CHAINAGE 240

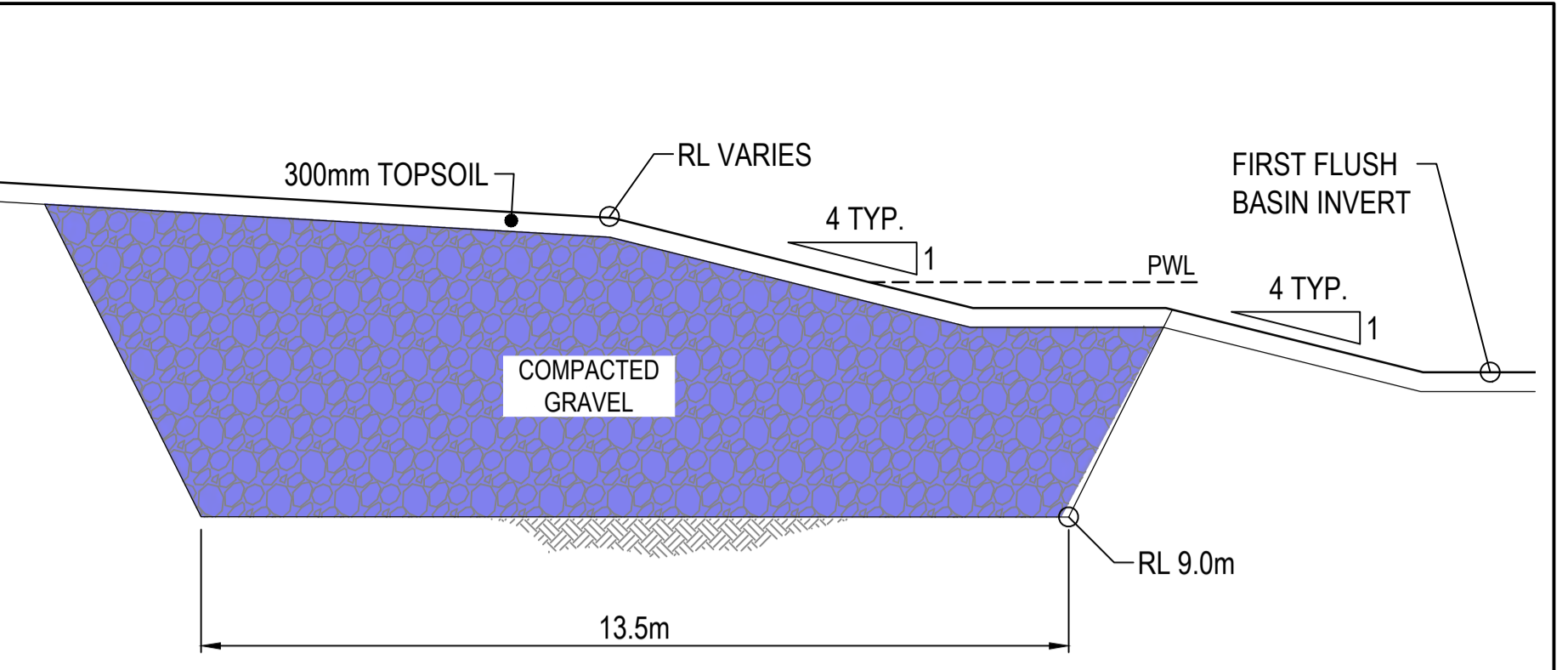
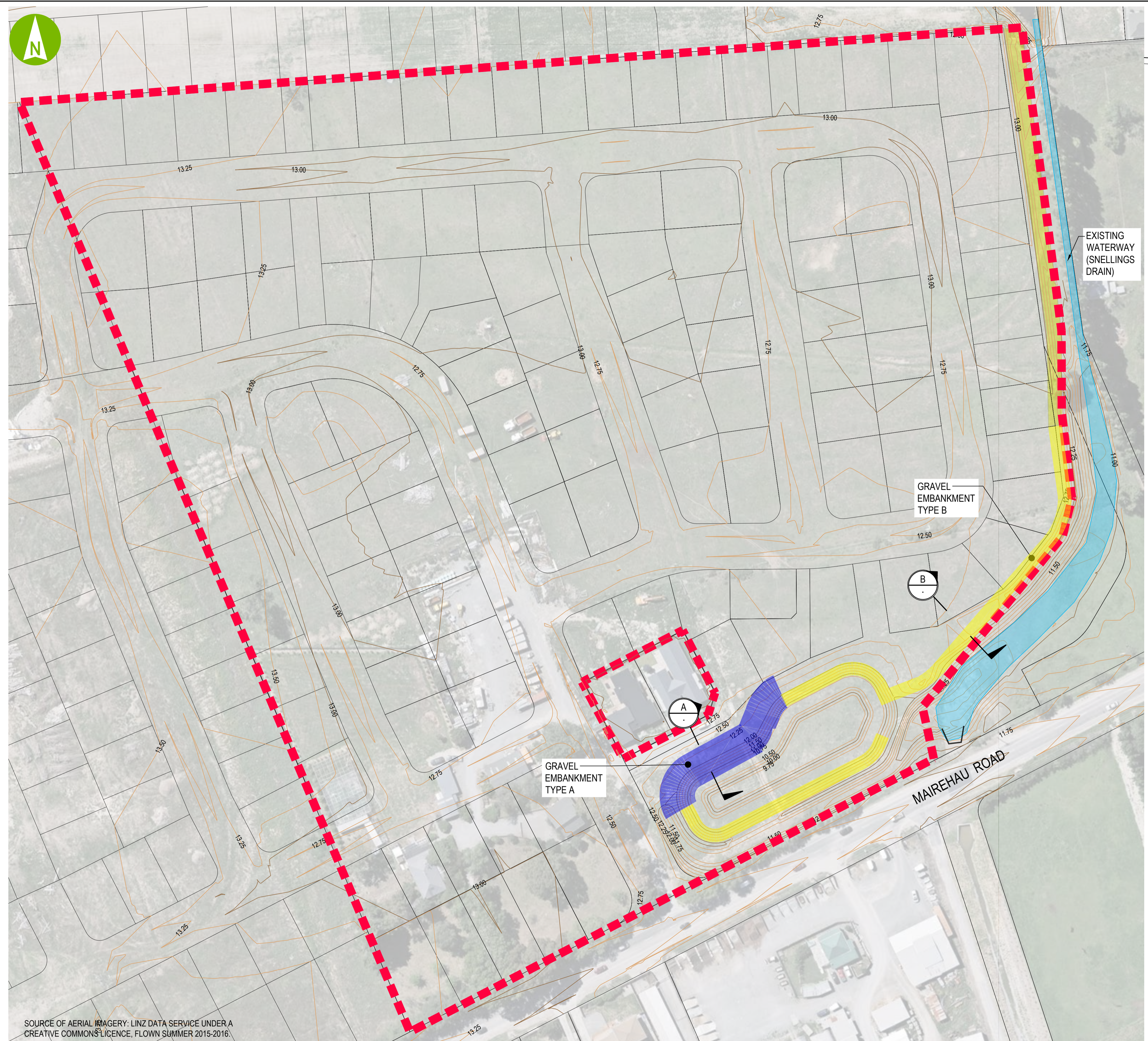


REV	DATE	REVISION DETAILS	APPROVED	DRAWN	DESIGNED
A	20/10/22	AS BUILT ISSUE		A. COLUMBUS	M. CROWE

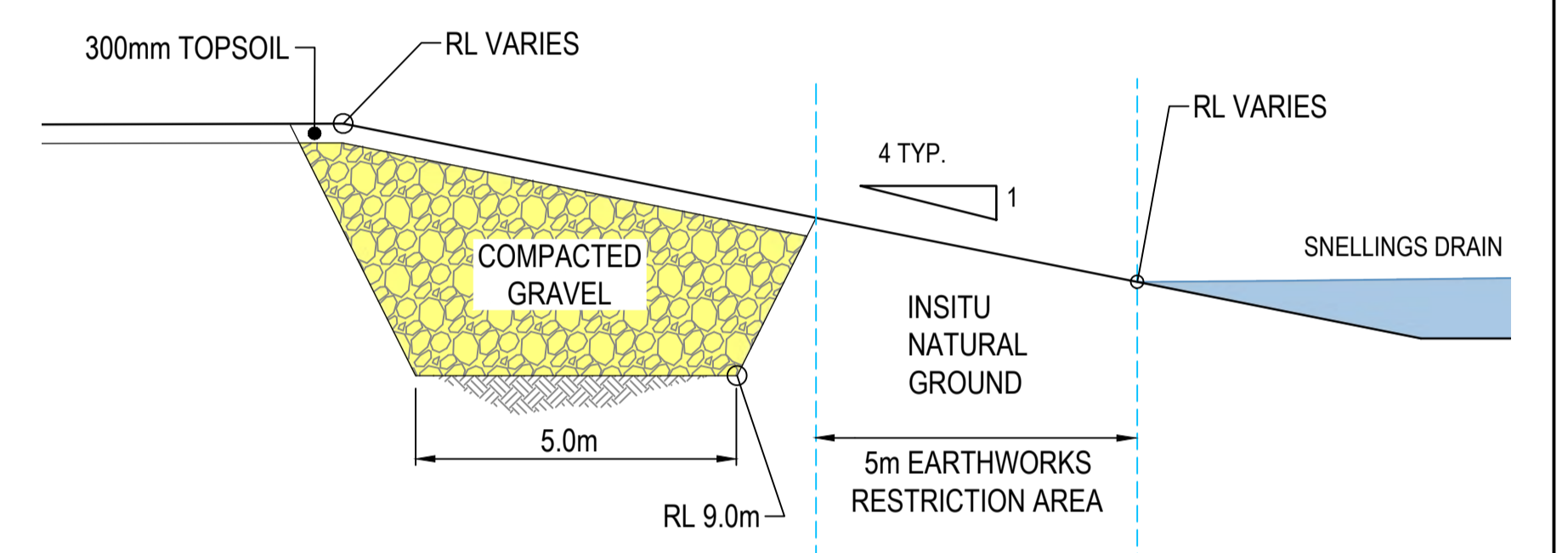
CHECKED	APPROVED
	DATE

PROJECT
PRESTONS PARK
TITLE
STAGE 5 GRAVEL EMBANKMENT AS BUILT CROSS SECTION SHEET 1 OF 2

AS BUILT	
PROJECT No. 235361	
SCALE 1:200(m)	SIZE A1
DRAWING No. LD-PS-S5-EW-13	REV A

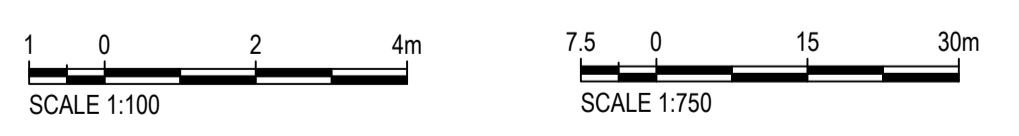


SECTION A : EMBANKMENT TYPE A
1:100



SECTION B : EMBANKMENT TYPE B
1:100

- NOTES**
1. NO EARTHWORKS OR WORKS ASSOCIATED WITH EARTHWORKS ARE TO BE UNDERTAKEN IN CCC LAND OR WITHIN 5m OF SNELLINGS DRAIN.
 2. COMPACTED EMBANKMENT GRAVEL TO BE CCC APPROVED AP65 OR PIT RUN. COMPACTION TO BE COMPLETED TO 98% OF THE MAXIMUM DRY DENSITY IN ACCORDANCE WITH NZS4402 TEST 4.1.3.
 3. CUT SUBGRADE TO BE INSPECTED BY SUITABLY QUALIFIED GEOTECHNICAL ENGINEER.
 4. ALL EXCAVATIONS TO BE CARRIED OUT IN ACCORDANCE WITH WORKSAFE AND CCC SAFE TRENCHING GUIDELINES.
 5. INTERNAL BOUNDARIES ARE INDICATIVE ONLY AND ARE SUBJECT TO CHANGE. BOUNDARIES TO BE CONFIRMED AT TIME OF SUBDIVISION CONSENT.
 6. FINAL TOPOGRAPHY OF THE DRAIN AND BASIN VARIES SIGNIFICANTLY ACROSS THE SITE. REFER TO CIVIL DESIGN MODEL FOR FINAL EARTHWORKS FINISHED LEVELS. THIS DRAWING IS TO BE USED FOR DIMENSIONS OF GRAVEL EMBANKMENT ONLY.



SOURCE OF AERIAL IMAGERY: LINZ DATA SERVICE UNDER A CREATIVE COMMONS LICENCE, FLOWN SUMMER 2015-2016.



CLIENT



REV	DATE	REVISION DETAILS
1	06/09/19	ISSUE FOR CONSTRUCTION
0	27/08/19	ISSUE FOR CONSTRUCTION

APPROVED	DRAWN	DESIGNED
K ASHBY	J W-K	K FOOTE
	CHECKED	
	R DAVIES	
	APPROVED	
K ASHBY		DATE 27/08/19
K ASHBY		

PROJECT
PRESTONS PARK
TITLE
STAGE 5 EARTHWORKS GRAVEL EMBANKMENT DETAILS

CONSTRUCTION
PROJECT No. 235361
SCALE 1:750
DRAWING No. PS-S5-EW-05
SIZE A1
REV 1

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