

A LEVEL 1 REPORT

ON THE FILLING

AT

HONOUR VILLAGE ESTATE

STAGE 5

CLYDE NORTH

2210348-97

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APPENDIX A

TEST REPORTS & PLANS

REPORT No : 2210348-97

CLIENT : Todd Hyland
Senior Development Manager
todd.hyland@frasersproperty.com.au
c/- Australand Residential No 156 Pty Ltd
PO Box 3307
Rhodes NSW 2138

AUTHORIZED BY : Mr Todd Hyland

PROJECT LOCATION : Honour Village Estate – Stage 5, CLYDE NORTH

COMMISSION : Carry out all appropriate inspections and testing at the site to ensure that the fill is placed in accordance with the project specifications. At the end of the works, compile a report – LEVEL ONE TYPE REPORT AS PER SECTION 8 OF AS3798 – setting out the findings of all inspections, instructions issued and test results, including any failure results and what action was taken to rectify any failure.

1. SITE DESCRIPTION:

Stripping and placement of compacted fill in Stage 5.

2. PREVIOUS GEOTECHNICAL INVESTIGATIONS ON THE SITE:

Not Supplied

3. DOCUMENTS SUPPLIED:

Reeds Consulting - Site Plan - Ref: 22344P, Version N

4. SITE PREPARATION REQUIREMENTS:

4.1 Site Stripping Requirements

Fill area to be stripped of vegetation and topsoil prior to filling.

4.2 Subgrade Assessment Requirements

Any soft, weak or unstable areas of subgrade exposed to be removed.

5. REQUIREMENTS FOR THE PLACEMENT OF COMPACTED EARTH FILL:

5.1 Layer Thickness

Fill shall be placed in 300mm compacted layers.

5.2 Density Requirements

95% Standard compaction

5.3 Moisture Content Requirements

No moisture requirements specified.

5.4 Type of Tests Required

Compaction (AS1289 5.7.1 & 2.1.1)

5.5 Number of Test Required

Compaction: Minimum of 1 test per 500m³.

6. THE PERIOD OVER WHICH THE WORK WAS CARRIED OUT

Inspections and testing of the project was carried out between 07/06/2019 to 27/08/2021.

7. EQUIPMENT USED:

Excavator
Pad Foot Roller
Compactor
Dump Truck
Water Cart

8. EARTHWORKS SUMMARY:

8.1 Description of Earthworks Undertaken

Fill area was backfilled and compacted with onsite Pad Foot Roller or Compactor in 300mm layers.

8.2 Observation of Stripping and Site Preparation

Fill areas observed were excavated to the naturally occurring silty CLAY prior to the placement of fill.

8.3 Observation of Fill Materials

The fill material was a site derived silty CLAY

8.4 Tests Carried Out

A total of 80 compaction tests (Hilf Rapid Method) were undertaken on the compacted earth fill of which no test failed to achieve the specified compaction requirements.

8.5 Results of Testing

The compaction results show that compacted fill was placed and compacted at a density between 95.5% and 103.0% of AS1289 5.7.1 Standard Compaction.

9. CONCLUSION:

Civiltest carried out supervision, inspections and testing on this project in a manner that would allow this level one type report to be completed as set out in Section 8 of AS3798 "Guidelines on earthworks for commercial and residential developments".

With the observations made during the works and the results of tests carried out, it has been concluded, as far as can be determined, that the contractor Bayport Civil Pty Ltd has met the requirements of the project.



Phil Morgans
CIVILTEST PTY LTD

15 June 2022

REF: PM/ik

APPENDIX A

TEST REPORTS & PLAN

Material Test Report

Report Number: 1190228-19
Issue Number: 2 - This version supersedes all previous issues
Date Issued: 19/06/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE STAGE 3, CLYDE NORTH
Project Location: HONOUR VILLAGE STAGE 3, CLYDE NORTH
Work Request: 3780
Date Sampled: 07/06/2019 10:15
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Remarks: Location information provided by client

Civiltest Pty Ltd
 Mornington Laboratory
 10 Latham Street Mornington Vic 3931
 Phone: (03) 5975 6644
 Fax: (03) 5975 9589
 Email: scott.walsh@civilttest.com.au



Accredited for compliance with ISO/IEC 17025 - Testing

Approved Signatory: Scott Walsh
 Lab Manager

NATA Accredited Laboratory Number: 1407

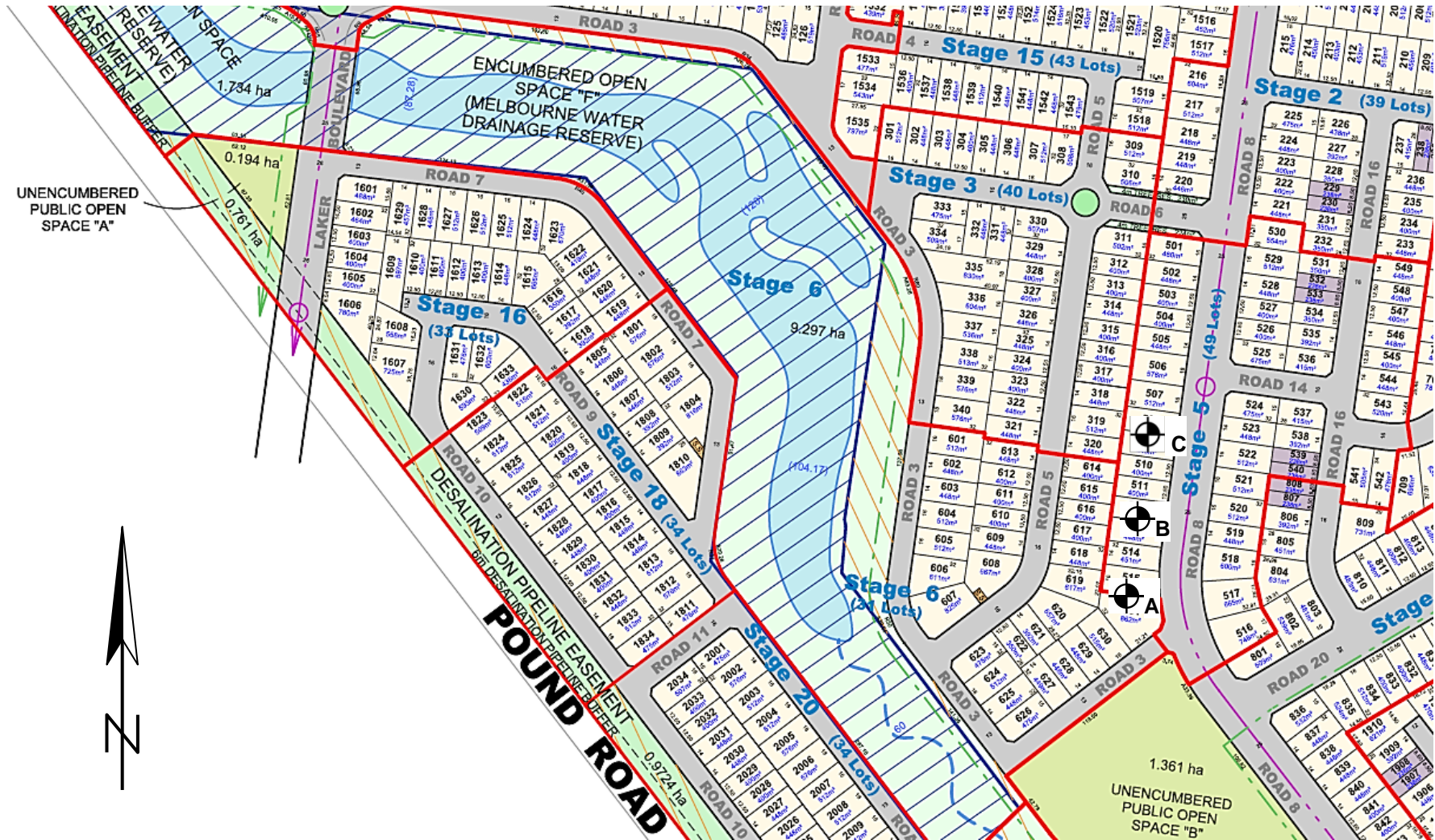
Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1			
Sample Number	191-3780A	191-3780B	191-3780C
Date Tested	07/06/2019	07/06/2019	07/06/2019
Time Tested	10:20	10:30	10:40
Test Request #/Location	See Plan	See Plan	See Plan
Chainage (m)	**	**	**
Location Offset (m)	**	**	**
Layer / Reduced Level	1.0m Below F.S	1.2m Below F.S	1.2m Below F.S
Thickness of Layer (mm)	300	300	300
Soil Description	CLAY silty	CLAY silty	CLAY silty
Test Depth (mm)	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0
Percentage of Wet Oversize (%)	**	**	**
Field Wet Density (FWD) t/m ³	1.98	1.95	2.01
Field Moisture Content %	25.3	22.4	23.5
Field Dry Density (FDD) t/m ³	1.58	1.60	1.62
Peak Converted Wet Density t/m ³	2.04	2.05	2.05
Adjusted Peak Converted Wet Density t/m ³	**	**	**
Moisture Ratio % (AS 1289.5.4.1)	111.0	103.5	107.0
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**	**	**
Moisture Variation (Wv) %	-2.5	-1.0	-1.5
Adjusted Moisture Variation %	**	**	**
Hilf Density Ratio (%)	97.5	95.5	97.5
Compaction Method	Standard	Standard	Standard

Moisture Variation Note:

Positive values = test is dry of OMC
 Negative values = test is wet of OMC

LOCATION OF TEST SITES: HONOUR VILLAGE STAGE 3, CLYDE NORTH

Report No: 1190228-19
Plan 1 of 1



⊕ Denotes Test Locations

NOT TO SCALE

THIS SKETCH IS NOT INTENDED TO BE AN ACCURATE DEPICTION OF THE NUMBER, SIZE OR LOCATION OF TREES AND/OR SHRUBS

Material Test Report

Report Number: 1190228-24
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: PLAN
Date Issued: 10/07/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE STAGE 3, CLYDE NORTH
Project Location: HONOUR VILLAGE STAGE 3, CLYDE NORTH
Work Request: 3924
Date Sampled: 03/07/2019 12:00
Dates Tested: 03/07/2019 - 04/07/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Remarks: Location information provided by client

Civiltest Pty Ltd
 Mornington Laboratory
 10 Latham Street Mornington Vic 3931
 Phone: (03) 5975 6644
 Fax: (03) 5975 9589
 Email: scott.walsh@civilttest.com.au



Accredited for compliance with ISO/IEC 17025 - Testing

Approved Signatory: Scott Walsh
 Lab Manager

NATA Accredited Laboratory Number: 1407

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1						
Sample Number	191-3924A	191-3924B	191-3924C	191-3924D	191-3924E	191-3924F
Date Tested	03/07/2019	03/07/2019	03/07/2019	03/07/2019	03/07/2019	03/07/2019
Time Tested	12:00	12:10	12:20	12:30	12:40	12:50
Test Request #/Location	SEE PLAN	SEE PLAN	SEE PLAN	SEE PLAN	SEE PLAN	SEE PLAN
Chainage (m)	**	**	**	**	**	**
Location Offset (m)	**	**	**	**	**	**
Layer / Reduced Level	2.1m Below F.S	2.0m Below F.S	1.6m Below F.S	1.2m Below F.S	0.8m Below F.S	2.1m Below F.S
Thickness of Layer (mm)	300	300	300	300	300	300
Soil Description	CLAY silty	CLAY silty	CLAY silty	CLAY silty	CLAY silty	CLAY silty
Test Depth (mm)	275	275	275	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	**	**	**	**	**	**
Field Wet Density (FWD) t/m ³	1.93	1.94	1.93	1.94	2.02	1.97
Field Moisture Content %	28.3	25.4	26.5	26.5	24.6	27.5
Field Dry Density (FDD) t/m ³	1.51	1.55	1.52	1.53	1.62	1.55
Peak Converted Wet Density t/m ³	2.03	2.00	1.99	1.95	1.98	1.94
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**	**	**
Moisture Ratio % (AS 1289.5.4.1)	112.0	109.5	108.5	102.5	101.0	102.0
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**	**	**	**	**	**
Moisture Variation (Wv) %	-3.0	-2.0	-2.0	-0.5	0.0	-0.5
Adjusted Moisture Variation %	**	**	**	**	**	**
Hilf Density Ratio (%)	95.5	97.0	96.5	99.0	102.0	101.5
Compaction Method	Standard	Standard	Standard	Standard	Standard	Standard

Moisture Variation Note:
 Positive values = test is dry of OMC
 Negative values = test is wet of OMC

Material Test Report

Report Number: 1190228-24
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: PLAN
Date Issued: 10/07/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE STAGE 3, CLYDE NORTH
Project Location: HONOUR VILLAGE STAGE 3, CLYDE NORTH
Work Request: 3924
Date Sampled: 03/07/2019 12:00
Dates Tested: 03/07/2019 - 04/07/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Remarks: Location information provided by client

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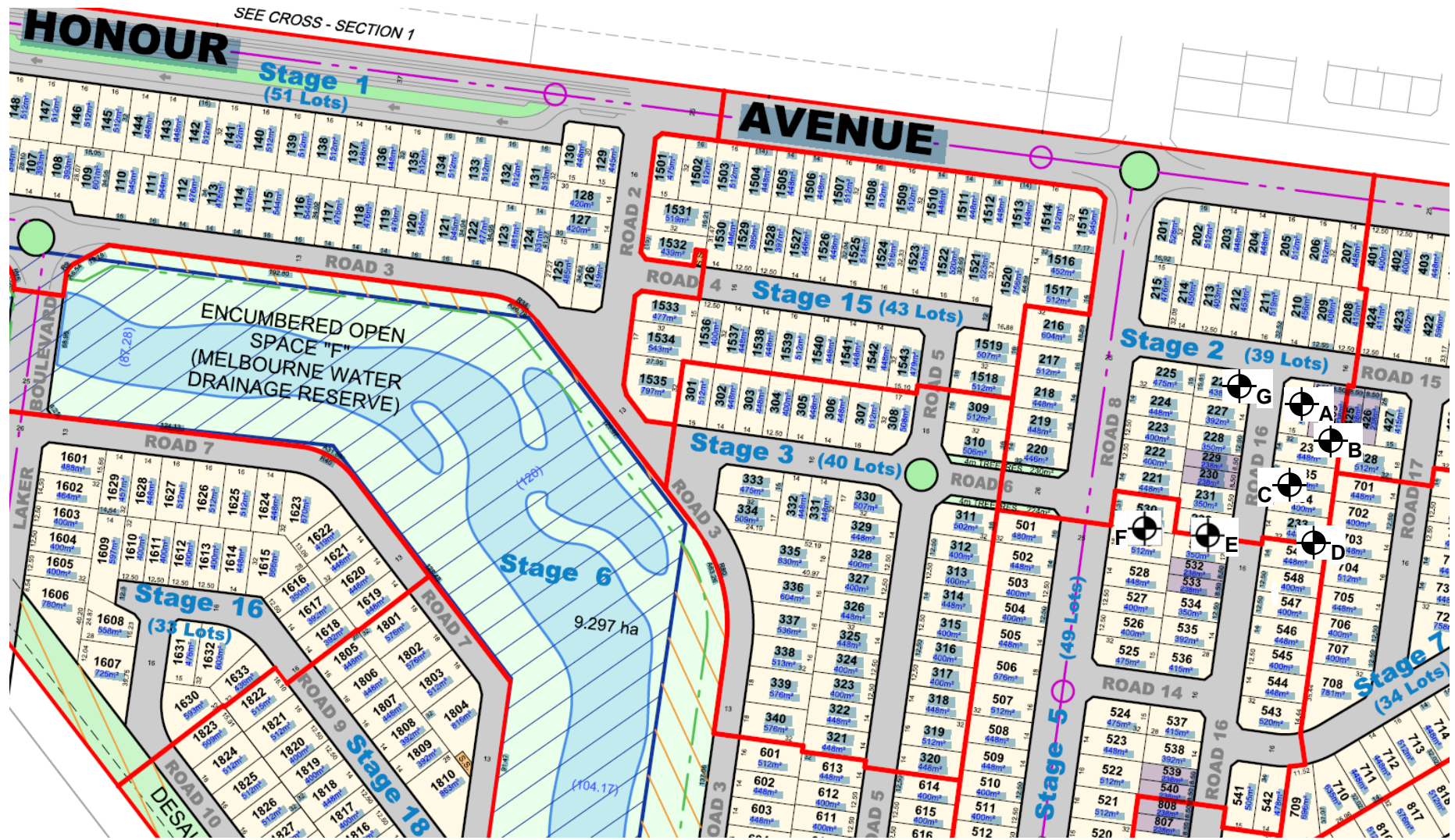
Approved Signatory: Scott Walsh
 Lab Manager
 NATA Accredited Laboratory Number: 1407

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1	
Sample Number	191-3924G
Date Tested	03/07/2019
Time Tested	13:00
Test Request #/Location	SEE PLAN - RE-TEST FOR 191-3888D
Chainage (m)	**
Location Offset (m)	**
Layer / Reduced Level	2.0m Below F.S
Thickness of Layer (mm)	300
Soil Description	CLAY silty
Test Depth (mm)	275
Sieve used to determine oversize (mm)	19.0
Percentage of Wet Oversize (%)	**
Field Wet Density (FWD) t/m ³	1.97
Field Moisture Content %	28.5
Field Dry Density (FDD) t/m ³	1.53
Peak Converted Wet Density t/m ³	1.93
Adjusted Peak Converted Wet Density t/m ³	**
Moisture Ratio % (AS 1289.5.4.1)	103.5
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**
Moisture Variation (Wv) %	-1.0
Adjusted Moisture Variation %	**
Hilf Density Ratio (%)	101.5
Compaction Method	Standard

Moisture Variation Note:
 Positive values = test is dry of OMC
 Negative values = test is wet of OMC

LOCATION OF TEST SITES: HONOUR VILLAGE STAGE 3, CLYDE NORTH

Report No: 1190228-24
Plan 1 of 1



⊕ Denotes Test Locations

NOT TO SCALE

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Material Test Report

Report Number: 1190228-28
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: plan
Date Issued: 17/07/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE STAGE 3, CLYDE NORTH
Project Location: HONOUR VILLAGE STAGE 3, CLYDE NORTH
Work Request: 3980
Date Sampled: 10/07/2019 14:00
Dates Tested: 10/07/2019 - 12/07/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Remarks: Location information provided by client

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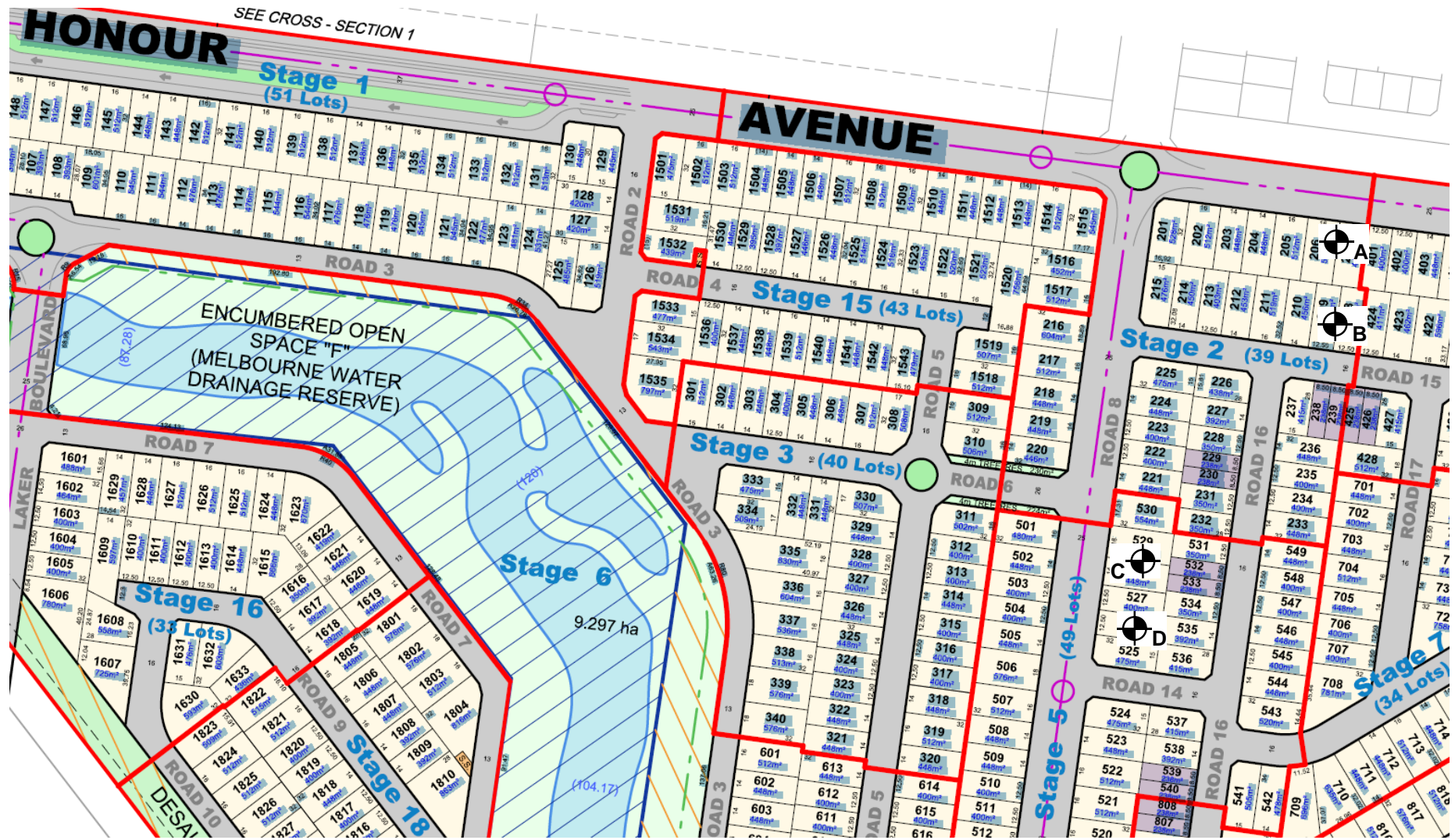
Approved Signatory: Scott Walsh
 Lab Manager
 NATA Accredited Laboratory Number: 1407

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1				
Sample Number	191-3980A	191-3980B	191-3980C	191-3980D
Date Tested	10/07/2019	10/07/2019	10/07/2019	10/07/2019
Time Tested	14:10	14:20	14:30	14:40
Test Request #/Location	See Plan	See Plan	See Plan	See Plan
Chainage (m)	**	**	**	**
Location Offset (m)	**	**	**	**
Layer / Reduced Level	1.7m Below F.S	1.4m Below F.S	1.7m Below F.S	1.6m Below F.S
Thickness of Layer (mm)	300	300	300	300
Soil Description	CLAY silty	CLAY silty	CLAY silty	CLAY silty
Test Depth (mm)	275	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	**	**	**	**
Field Wet Density (FWD) t/m ³	1.95	1.90	1.90	1.94
Field Moisture Content %	29.2	26.5	25.1	26.4
Field Dry Density (FDD) t/m ³	1.51	1.50	1.52	1.54
Peak Converted Wet Density t/m ³	1.98	1.95	1.99	2.00
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**
Moisture Ratio % (AS 1289.5.4.1)	110.5	111.0	109.5	113.0
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**	**	**	**
Moisture Variation (Wv) %	-2.5	-2.5	-2.0	-3.0
Adjusted Moisture Variation %	**	**	**	**
Hilf Density Ratio (%)	99.0	97.5	95.5	97.0
Compaction Method	Standard	Standard	Standard	Standard

Moisture Variation Note:
 Positive values = test is dry of OMC
 Negative values = test is wet of OMC

LOCATION OF TEST SITES: HONOUR VILLAGE STAGE 3, CLYDE NORTH

Report No: 1190228-28
Plan 1 of 1



 Denotes Test Locations

THIS SKETCH IS NOT INTENDED TO BE AN ACCURATE DEPICTION OF THE NUMBER, SIZE OR LOCATION OF TREES AND/OR SHRUBS

NOT TO SCALE

Material Test Report

Report Number: 1190228-32
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: PLAN
Date Issued: 24/07/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE STAGE 3, CLYDE NORTH
Project Location: HONOUR VILLAGE STAGE 3, CLYDE NORTH
Work Request: 4020
Date Sampled: 18/07/2019 14:15
Dates Tested: 19/07/2019 - 22/07/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Remarks: Location information provided by client

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 Fax: (03) 5975 9589
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Accredited for compliance with ISO/IEC 17025 - Testing

Approved Signatory: Scott Walsh
 Lab Manager

NATA Accredited Laboratory Number: 1407

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1						
Sample Number	191-4020A	191-4020B	191-4020C	191-4020D	191-4020E	191-4020F
Date Tested	18/07/2019	18/07/2019	18/07/2019	18/07/2019	18/07/2019	18/07/2019
Time Tested	14:20	14:30	14:40	14:50	15:00	15:10
Test Request #/Location	See Plan	See Plan	See Plan	See Plan	See Plan	See Plan
Chainage (m)	**	**	**	**	**	**
Location Offset (m)	**	**	**	**	**	**
Layer / Reduced Level	1.7m Below F.S	1.5m Below F.S	1.6m Below F.S	1.2m Below F.S	1.2m Below F.S	1.0m Below F.S
Thickness of Layer (mm)	300	300	300	300	300	300
Soil Description	CLAY silty	CLAY silty	CLAY silty	CLAY silty	CLAY silty	CLAY silty
Test Depth (mm)	275	275	275	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	**	**	**	**	**	**
Field Wet Density (FWD) t/m ³	1.88	1.97	1.90	1.94	1.91	1.97
Field Moisture Content %	28.5	23.0	26.9	27.1	28.9	27.6
Field Dry Density (FDD) t/m ³	1.46	1.60	1.50	1.52	1.48	1.55
Peak Converted Wet Density t/m ³	1.97	2.00	1.95	1.93	2.00	1.97
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**	**	**
Moisture Ratio % (AS 1289.5.4.1)	114.0	111.0	114.5	114.5	114.0	114.0
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**	**	**	**	**	**
Moisture Variation (Wv) %	-3.5	-2.0	-3.0	-3.5	-3.0	-3.0
Adjusted Moisture Variation %	**	**	**	**	**	**
Hilf Density Ratio (%)	95.5	98.5	97.5	100.0	95.5	100.0
Compaction Method	Standard	Standard	Standard	Standard	Standard	Standard

Moisture Variation Note:
 Positive values = test is dry of OMC
 Negative values = test is wet of OMC

Material Test Report

Report Number: 1190228-32
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: PLAN
Date Issued: 24/07/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE STAGE 3, CLYDE NORTH
Project Location: HONOUR VILLAGE STAGE 3, CLYDE NORTH
Work Request: 4020
Date Sampled: 18/07/2019 14:15
Dates Tested: 19/07/2019 - 22/07/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Remarks: Location information provided by client

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Approved Signatory: Scott Walsh
 Lab Manager

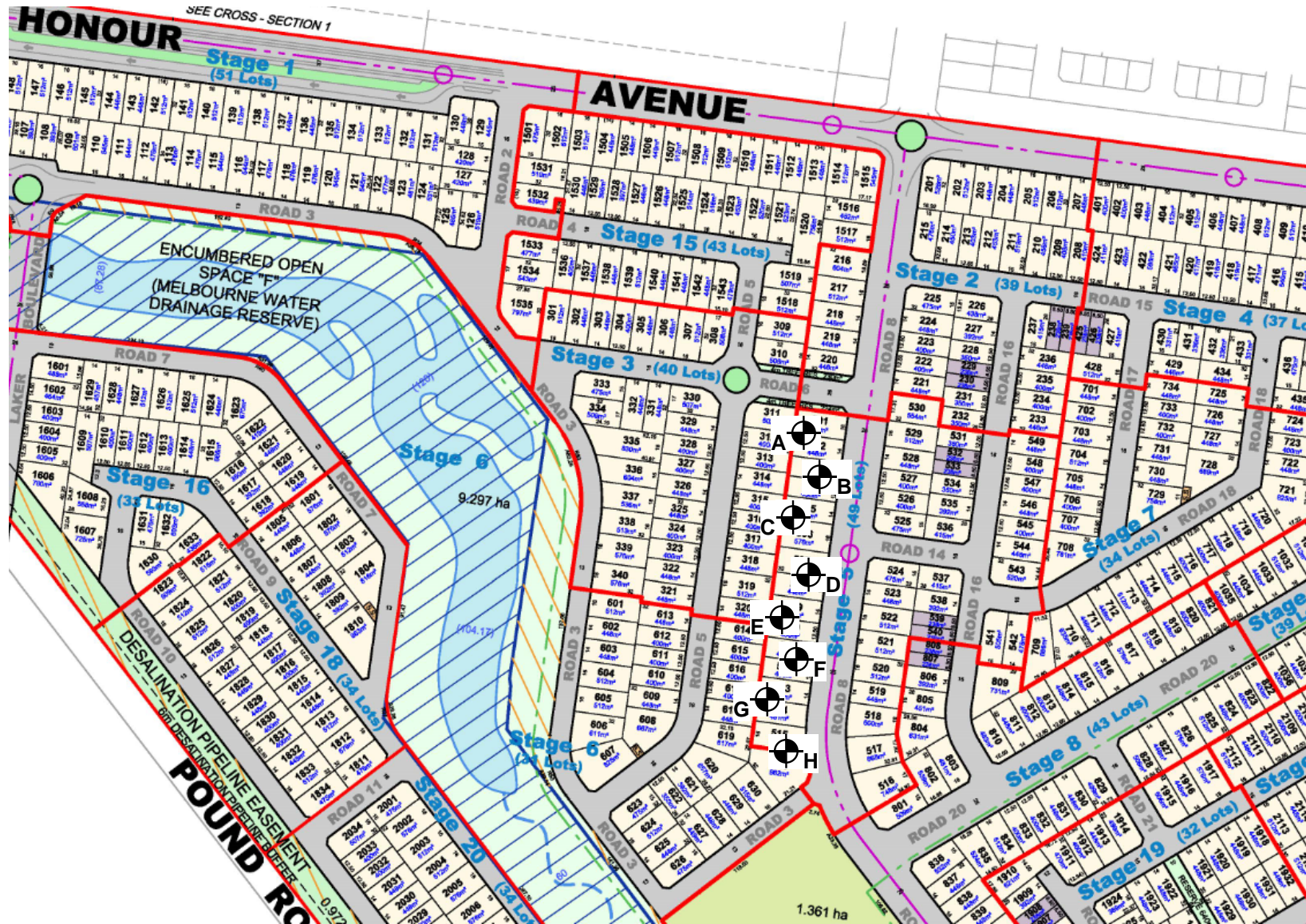
NATA Accredited Laboratory Number: 1407

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1		
Sample Number	191-4020G	191-4020H
Date Tested	18/07/2019	18/07/2019
Time Tested	15:20	15:30
Test Request #/Location	See Plan	See Plan
Chainage (m)	**	**
Location Offset (m)	**	**
Layer / Reduced Level	1.0m Below F.S	0.8m Below F.S
Thickness of Layer (mm)	300	300
Soil Description	CLAY silty	CLAY silty
Test Depth (mm)	275	275
Sieve used to determine oversize (mm)	19.0	19.0
Percentage of Wet Oversize (%)	**	**
Field Wet Density (FWD) t/m ³	1.90	1.93
Field Moisture Content %	26.5	25.7
Field Dry Density (FDD) t/m ³	1.50	1.54
Peak Converted Wet Density t/m ³	1.99	2.00
Adjusted Peak Converted Wet Density t/m ³	**	**
Moisture Ratio % (AS 1289.5.4.1)	114.5	113.5
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**	**
Moisture Variation (Wv) %	-3.0	-3.0
Adjusted Moisture Variation %	**	**
Hilf Density Ratio (%)	95.5	96.5
Compaction Method	Standard	Standard

Moisture Variation Note:
 Positive values = test is dry of OMC
 Negative values = test is wet of OMC

LOCATION OF TEST SITES: HONOUR VILLAGE STAGE 3, CLYDE NORTH

Report No: 1190228-32
Plan 1 of 1



⊕ Denotes Test Locations

THIS SKETCH IS NOT INTENDED TO BE AN ACCURATE DEPICTION OF THE NUMBER, SIZE OR LOCATION OF TREES AND/OR SHRUBS

NOT TO SCALE

Material Test Report

Report Number: 1190228-34
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: plan added
Date Issued: 24/07/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE STAGE 3, CLYDE NORTH
Project Location: HONOUR VILLAGE STAGE 3, CLYDE NORTH
Work Request: 4032
Date Sampled: 19/07/2019 14:10
Dates Tested: 19/07/2019 - 23/07/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Remarks: Location information provided by client

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 Email: scott.walsh@civilttest.com.au



Accredited for compliance with ISO/IEC 17025 - Testing

Approved Signatory: Scott Walsh
 Lab Manager

NATA Accredited Laboratory Number: 1407

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1						
Sample Number	191-4032A	191-4032B	191-4032C	191-4032D	191-4032E	191-4032F
Date Tested	19/07/2019	19/07/2019	19/07/2019	19/07/2019	19/07/2019	19/07/2019
Time Tested	14:10	14:20	14:30	14:40	14:50	15:00
Test Request #/Location	See Plan	See Plan	See Plan	See Plan	See Plan	See Plan
Chainage (m)	**	**	**	**	**	**
Location Offset (m)	**	**	**	**	**	**
Layer / Reduced Level	1.9m Below F.S	1.8m Below F.S	1.7m Below F.S	1.4m Below F.S	1.1m Below F.S	1.1m Below F.S
Thickness of Layer (mm)	300	300	300	300	300	300
Soil Description	CLAY silty	CLAY silty	CLAY silty	CLAY silty	CLAY silty	CLAY silty
Test Depth (mm)	275	275	275	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	**	**	**	**	**	**
Field Wet Density (FWD) t/m ³	1.93	1.96	1.99	1.90	1.90	1.93
Field Moisture Content %	27.1	24.5	23.5	27.1	27.3	28.4
Field Dry Density (FDD) t/m ³	1.52	1.58	1.61	1.50	1.50	1.50
Peak Converted Wet Density t/m ³	1.95	1.98	2.02	1.97	1.98	1.96
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**	**	**
Moisture Ratio % (AS 1289.5.4.1)	114.5	113.5	115.0	114.5	112.0	114.5
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**	**	**	**	**	**
Moisture Variation (Wv) %	-3.0	-3.0	-3.0	-3.0	-2.5	-3.5
Adjusted Moisture Variation %	**	**	**	**	**	**
Hilf Density Ratio (%)	99.0	99.0	98.5	97.0	96.0	98.5
Compaction Method	Standard	Standard	Standard	Standard	Standard	Standard

Moisture Variation Note:
 Positive values = test is dry of OMC
 Negative values = test is wet of OMC

Material Test Report

Report Number: 1190228-34
Issue Number: 2 - *This version supersedes all previous issues*
Reissue Reason: *plan added*
Date Issued: 24/07/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE STAGE 3, CLYDE NORTH
Project Location: HONOUR VILLAGE STAGE 3, CLYDE NORTH
Work Request: 4032
Date Sampled: 19/07/2019 14:10
Dates Tested: 19/07/2019 - 23/07/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Remarks: Location information provided by client

Civiltest Pty Ltd
 Mornington Laboratory
 10 Latham Street Mornington Vic 3931
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 Fax: (03) 5975 9589
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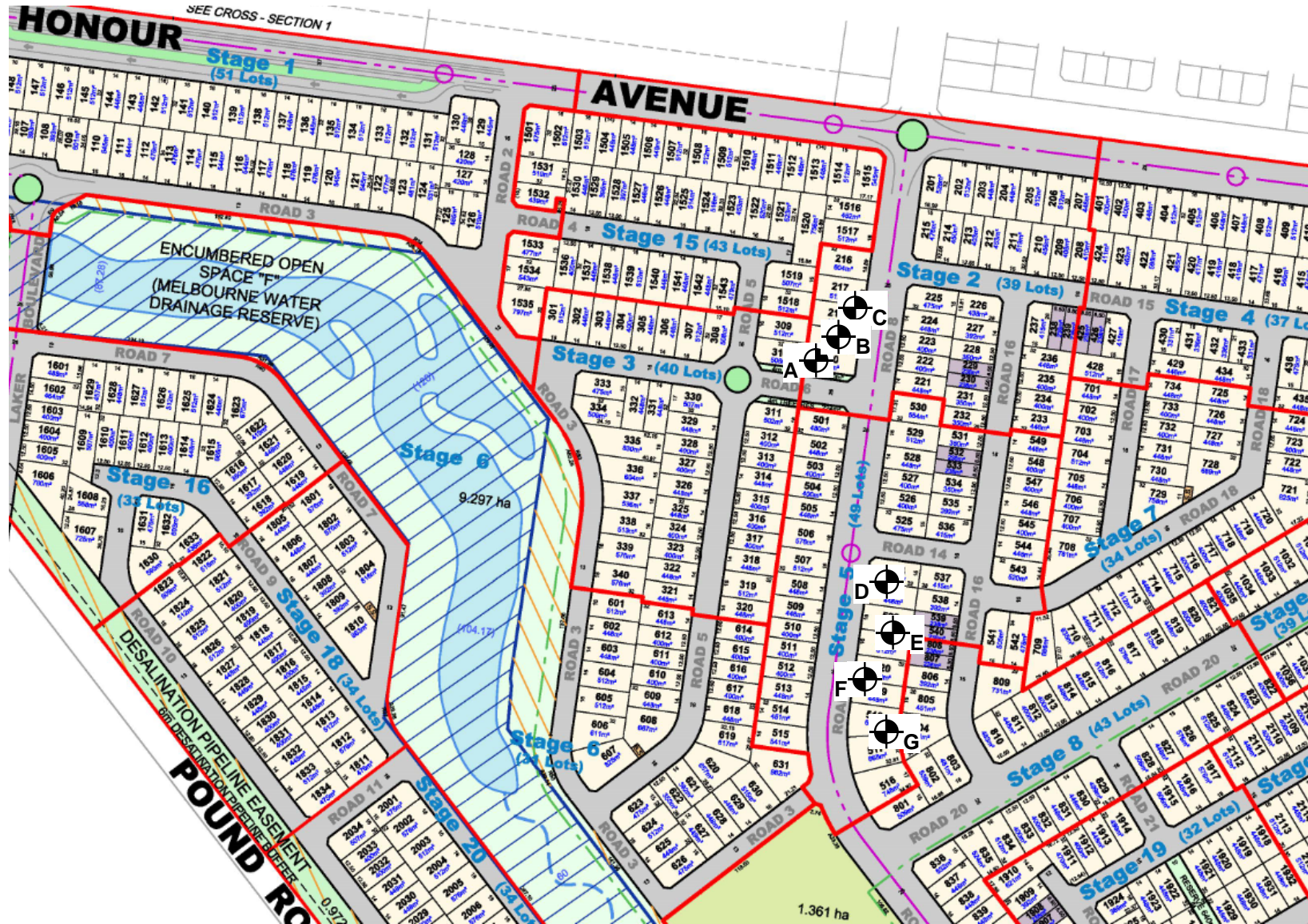
Approved Signatory: Scott Walsh
 Lab Manager

NATA Accredited Laboratory Number: 1407

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1	
Sample Number	191-4032G
Date Tested	19/07/2019
Time Tested	15:10
Test Request #/Location	See Plan
Chainage (m)	**
Location Offset (m)	**
Layer / Reduced Level	0.9m Below F.S
Thickness of Layer (mm)	300
Soil Description	CLAY silty
Test Depth (mm)	275
Sieve used to determine oversize (mm)	19.0
Percentage of Wet Oversize (%)	**
Field Wet Density (FWD) t/m ³	1.97
Field Moisture Content %	25.3
Field Dry Density (FDD) t/m ³	1.57
Peak Converted Wet Density t/m ³	2.02
Adjusted Peak Converted Wet Density t/m ³	**
Moisture Ratio % (AS 1289.5.4.1)	114.5
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**
Moisture Variation (Wv) %	-3.0
Adjusted Moisture Variation %	**
Hilf Density Ratio (%)	97.0
Compaction Method	Standard

Moisture Variation Note:
 Positive values = test is dry of OMC
 Negative values = test is wet of OMC

LOCATION OF TEST SITES: HONOUR VILLAGE STAGE 3, CLYDE NORTH



⊕ Denotes Test Locations

THIS SKETCH IS NOT INTENDED TO BE AN ACCURATE DEPICTION OF THE NUMBER, SIZE OR LOCATION OF TREES AND/OR SHRUBS

NOT TO SCALE

Material Test Report

Report Number: 1190228-35
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: plan added
Date Issued: 05/08/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE STAGE 3, CLYDE NORTH
Project Location: HONOUR VILLAGE STAGE 3, CLYDE NORTH
Work Request: 4044
Date Sampled: 23/07/2019 12:10
Dates Tested: 23/07/2019 - 01/08/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Remarks: Location information provided by client

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 Fax: (03) 5975 9589
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Approved Signatory: Scott Walsh
 Lab Manager

NATA Accredited Laboratory Number: 1407

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1						
Sample Number	191-4044A	191-4044B	191-4044C	191-4044D	191-4044E	191-4044F
Date Tested	23/07/2019	23/07/2019	23/07/2019	23/07/2019	23/07/2019	23/07/2019
Time Tested	12:10	12:20	12:30	12:40	12:50	13:00
Test Request #/Location	See Plan	See Plan	See Plan	See Plan	See Plan	See Plan
Chainage (m)	**	**	**	**	**	**
Location Offset (m)	**	**	**	**	**	**
Layer / Reduced Level	0.6m Below F.S	1.3m Below F.S	1.5m Below F.S	1.4m Below F.S	1.5m Below F.S	1.4m Below F.S
Thickness of Layer (mm)	300	300	300	300	300	300
Soil Description	CLAY silty	CLAY silty	CLAY silty	CLAY silty	CLAY silty	CLAY silty
Test Depth (mm)	275	275	275	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	**	**	**	**	**	**
Field Wet Density (FWD) t/m ³	1.94	1.96	1.96	1.97	1.90	1.93
Field Moisture Content %	26.1	28.5	27.0	28.7	28.3	27.9
Field Dry Density (FDD) t/m ³	1.54	1.53	1.54	1.53	1.48	1.51
Peak Converted Wet Density t/m ³	2.01	1.98	1.97	1.98	1.94	1.96
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**	**	**
Moisture Ratio % (AS 1289.5.4.1)	114.0	114.0	112.5	113.5	112.0	114.5
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**	**	**	**	**	**
Moisture Variation (Wv) %	-3.0	-3.0	-3.0	-3.0	-3.0	-3.5
Adjusted Moisture Variation %	**	**	**	**	**	**
Hilf Density Ratio (%)	96.5	99.0	99.0	99.5	98.0	98.5
Compaction Method	Standard	Standard	Standard	Standard	Standard	Standard

Moisture Variation Note:
 Positive values = test is dry of OMC
 Negative values = test is wet of OMC

Material Test Report

Report Number: 1190228-35
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: plan added
Date Issued: 05/08/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE STAGE 3, CLYDE NORTH
Project Location: HONOUR VILLAGE STAGE 3, CLYDE NORTH
Work Request: 4044
Date Sampled: 23/07/2019 12:10
Dates Tested: 23/07/2019 - 01/08/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Remarks: Location information provided by client

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 Phone: (03) 5975 6644
 Fax: (03) 5975 9589
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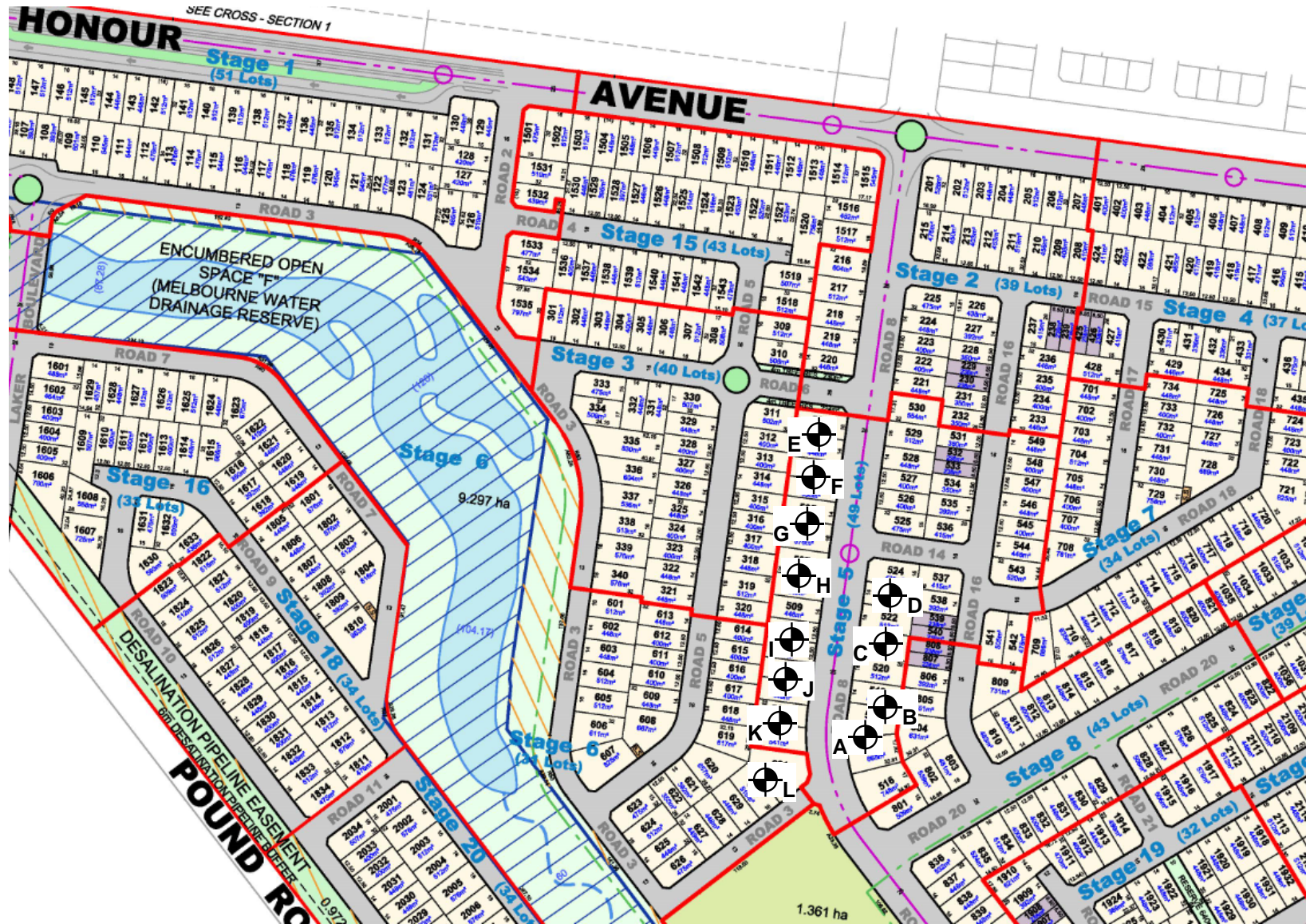
Approved Signatory: Scott Walsh
 Lab Manager

NATA Accredited Laboratory Number: 1407

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1						
Sample Number	191-4044G	191-4044H	191-4044I	191-4044J	191-4044K	191-4044L
Date Tested	23/07/2019	23/07/2019	23/07/2019	23/07/2019	23/07/2019	23/07/2019
Time Tested	13:10	13:20	13:30	13:40	13:50	14:00
Test Request #/Location	See Plan	See Plan	See Plan	See Plan	See Plan	See Plan
Chainage (m)	**	**	**	**	**	**
Location Offset (m)	**	**	**	**	**	**
Layer / Reduced Level	1.4m Below F.S	1.3m Below F.S	1.0m Below F.S	0.9m Below F.S	0.9m Below F.S	1.1m Below F.S
Thickness of Layer (mm)	300	300	300	300	300	300
Soil Description	CLAY silty	CLAY silty	CLAY silty	CLAY silty	CLAY silty	CLAY silty
Test Depth (mm)	275	275	275	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	**	**	**	**	**	**
Field Wet Density (FWD) t/m ³	1.93	1.92	1.90	1.95	1.92	1.93
Field Moisture Content %	27.1	31.2	29.0	28.4	27.3	26.9
Field Dry Density (FDD) t/m ³	1.52	1.47	1.48	1.52	1.51	1.52
Peak Converted Wet Density t/m ³	1.97	1.94	1.97	2.00	1.99	2.00
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**	**	**
Moisture Ratio % (AS 1289.5.4.1)	115.0	113.5	114.5	114.5	114.0	115.5
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**	**	**	**	**	**
Moisture Variation (Wv) %	-3.5	-3.5	-3.5	-3.5	-3.0	-3.5
Adjusted Moisture Variation %	**	**	**	**	**	**
Hilf Density Ratio (%)	98.0	99.5	96.5	98.0	97.0	97.0
Compaction Method	Standard	Standard	Standard	Standard	Standard	Standard

Moisture Variation Note:
 Positive values = test is dry of OMC
 Negative values = test is wet of OMC

LOCATION OF TEST SITES: HONOUR VILLAGE STAGE 3, CLYDE NORTH



⊕ Denotes Test Locations

THIS SKETCH IS NOT INTENDED TO BE AN ACCURATE DEPICTION OF THE NUMBER, SIZE OR LOCATION OF TREES AND/OR SHRUBS

NOT TO SCALE

Material Test Report

Report Number: 1190228-42
Issue Number: 2 - *This version supersedes all previous issues*
Reissue Reason: *Plan Added*
Date Issued: 08/08/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE STAGE 3, CLYDE NORTH
Project Location: HONOUR VILLAGE STAGE 3, CLYDE NORTH
Work Request: 3808
Date Sampled: 02/08/2019 1:10
Dates Tested: 02/08/2019 - 07/08/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction

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 Phone: (03) 9874 5844
 Email: scott.flood@civiltest.com.au

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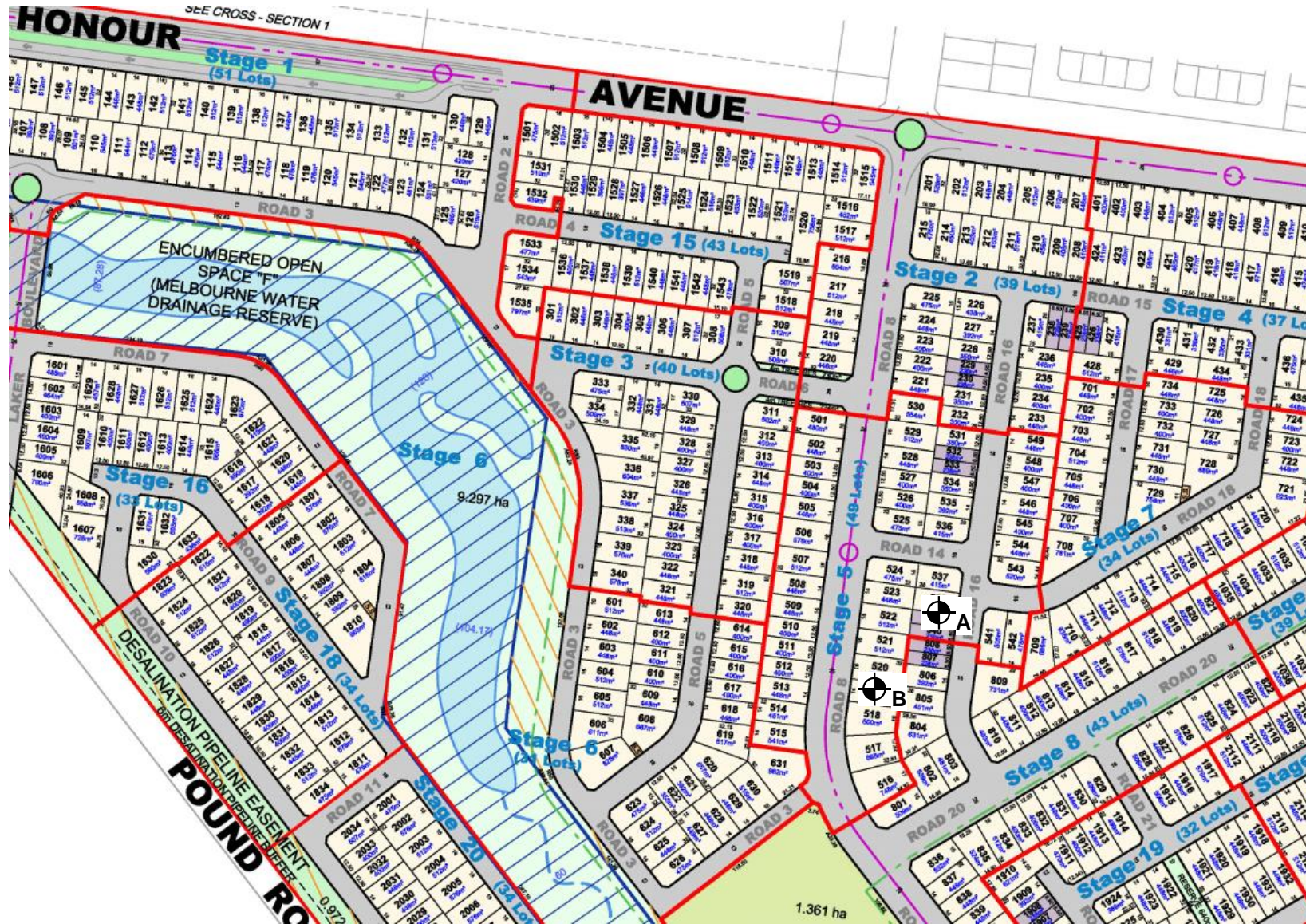


Approved Signatory: Scott Flood
 Laboratory Manager
 NATA Accredited Laboratory Number: 790

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1		
Sample Number	192-3808A	192-3808B
Date Tested	02/08/2019	02/08/2019
Time Tested	01:50	02:00
Test Request #/Location	Lot 538/539	Lot 519
Chainage (m)	**	**
Location Offset (m)	**	**
Layer / Reduced Level	1.1m Below F.S	1.1m Below F.S
Thickness of Layer (mm)	300	300
Soil Description	Silty CLAY	Silty CLAY
Test Depth (mm)	275	275
Sieve used to determine oversize (mm)	19.0	19.0
Percentage of Wet Oversize (%)	0.0	0.0
Field Wet Density (FWD) t/m ³	1.97	1.97
Field Moisture Content %	28.9	24.1
Field Dry Density (FDD) t/m ³	1.53	1.58
Peak Converted Wet Density t/m ³	2.02	2.02
Adjusted Peak Converted Wet Density t/m ³	**	**
Moisture Ratio % (AS 1289.5.4.1)	113.0	116.0
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**	**
Moisture Variation (Wv) %	-3.0	-3.0
Adjusted Moisture Variation %	**	**
Hilf Density Ratio (%)	97.5	97.5
Compaction Method	Standard	Standard

Moisture Variation Note:
 Positive values = test is dry of OMC
 Negative values = test is wet of OMC

LOCATION OF TEST SITES: HONOUR VILLAGE STAGE 3, CLYDE NORTH



⊕ Denotes Test Locations

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NOT TO SCALE

Material Test Report

Report Number: 1190228-45
Issue Number: 2 - *This version supersedes all previous issues*
Reissue Reason: *Plan Added*
Date Issued: 08/08/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE STAGE 3, CLYDE NORTH
Project Location: HONOUR VILLAGE STAGE 3, CLYDE NORTH
Work Request: 3828
Date Sampled: 06/08/2019 7:30
Dates Tested: 06/08/2019 - 06/08/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction

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 Phone: (03) 9874 5844
 Email: scott.flood@civiltest.com.au

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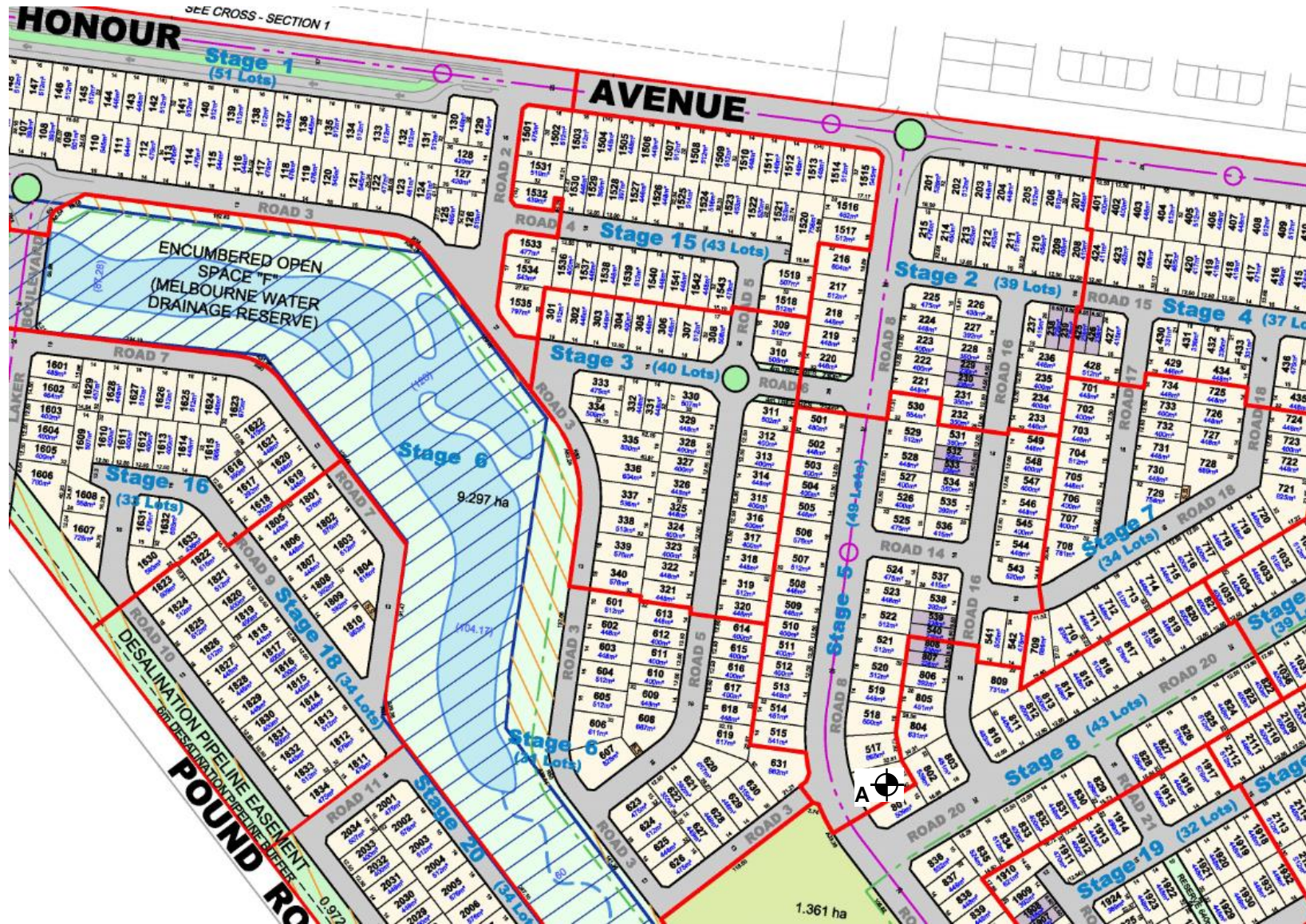


Approved Signatory: Scott Flood
 Laboratory Manager
 NATA Accredited Laboratory Number: 790

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1	
Sample Number	192-3828A
Date Tested	06/08/2019
Time Tested	08:30
Test Request #/Location	Lot 516
Chainage (m)	**
Location Offset (m)	**
Layer / Reduced Level	350mm Above f.s
Thickness of Layer (mm)	300
Soil Description	Silty CLAY
Test Depth (mm)	275
Sieve used to determine oversize (mm)	19.0
Percentage of Wet Oversize (%)	0.0
Field Wet Density (FWD) t/m ³	1.97
Field Moisture Content %	28.6
Field Dry Density (FDD) t/m ³	1.53
Peak Converted Wet Density t/m ³	1.98
Adjusted Peak Converted Wet Density t/m ³	**
Moisture Ratio % (AS 1289.5.4.1)	97.5
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**
Moisture Variation (Wv) %	0.5
Adjusted Moisture Variation %	**
Hilf Density Ratio (%)	99.5
Compaction Method	Standard

Moisture Variation Note:
 Positive values = test is dry of OMC
 Negative values = test is wet of OMC

LOCATION OF TEST SITES: HONOUR VILLAGE STAGE 3, CLYDE NORTH



⊕ Denotes Test Locations

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NOT TO SCALE

Material Test Report

Report Number: 1190228-49
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: Plan Added
Date Issued: 09/08/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE STAGE 3, CLYDE NORTH
Project Location: HONOUR VILLAGE STAGE 3, CLYDE NORTH
Work Request: 3820
Date Sampled: 05/08/2019 1:00
Dates Tested: 05/08/2019 - 07/08/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction

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 Unit 7/38 Thornton Crescent Mitcham Vic 3132
 Phone: (03) 9874 5844
 Email: scott.flood@civiltest.com.au

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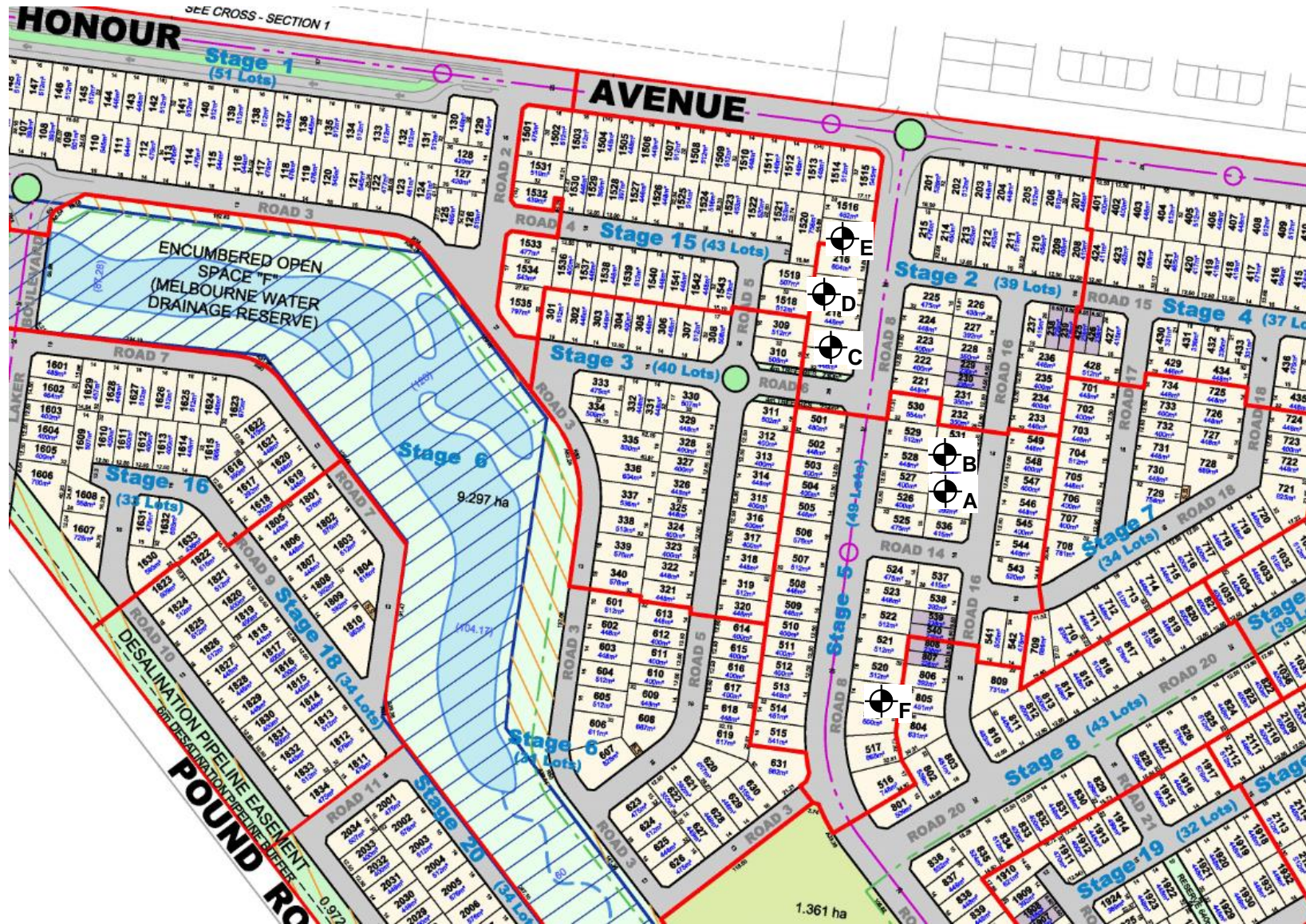
Approved Signatory: Scott Flood
 Laboratory Manager
 NATA Accredited Laboratory Number: 790

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1						
Sample Number	192-3820A	192-3820B	192-3820C	192-3820D	192-3820E	192-3820F
Date Tested	05/08/2019	05/08/2019	05/08/2019	05/08/2019	05/08/2019	05/08/2019
Time Tested	01:15	01:30	02:20	02:25	02:30	02:45
Test Request #/Location	Lots 534/535	Lots 532/533	Lots 219/220	Lots 217/218	Lots 1517/216	Lots 518/519
Chainage (m)	**	**	**	**	**	**
Location Offset (m)	**	**	**	**	**	**
Layer / Reduced Level	1.8m Below F.S	2.0m Below F.S	1.8m Below F.S	1.8m Below F.S	1.6m Below F.S	1.0m Below F.S
Thickness of Layer (mm)	300	300	300	300	300	300
Soil Description	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty
Test Depth (mm)	275	275	275	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0.0	0.0	0.0	0.0	0.0	0.0
Field Wet Density (FWD) t/m ³	1.96	1.95	2.00	1.95	1.94	1.96
Field Moisture Content %	28.8	29.8	28.9	30.4	28.6	29.9
Field Dry Density (FDD) t/m ³	1.52	1.50	1.55	1.50	1.51	1.51
Peak Converted Wet Density t/m ³	1.97	1.95	2.01	1.98	1.97	2.01
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**	**	**
Moisture Ratio % (AS 1289.5.4.1)	97.5	97.0	98.0	98.5	99.5	100.5
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**	**	**	**	**	**
Moisture Variation (Wv) %	0.5	1.0	0.5	0.5	0.0	0.0
Adjusted Moisture Variation %	**	**	**	**	**	**
Hilf Density Ratio (%)	99.5	100.0	99.5	99.0	99.0	97.5
Compaction Method	Standard	Standard	Standard	Standard	Standard	Standard

Moisture Variation Note:

Positive values = test is dry of OMC
 Negative values = test is wet of OMC

LOCATION OF TEST SITES: HONOUR VILLAGE STAGE 3, CLYDE NORTH



⊕ Denotes Test Locations

THIS SKETCH IS NOT INTENDED TO BE AN ACCURATE DEPICTION OF THE NUMBER, SIZE OR LOCATION OF TREES AND/OR SHRUBS

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Material Test Report

Report Number: 1190228-52
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: Plan Added
Date Issued: 16/08/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE STAGE 3, CLYDE NORTH
Project Location: HONOUR VILLAGE STAGE 3, CLYDE NORTH
Work Request: 3846
Date Sampled: 07/08/2019 1:00
Dates Tested: 07/08/2019 - 12/08/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction

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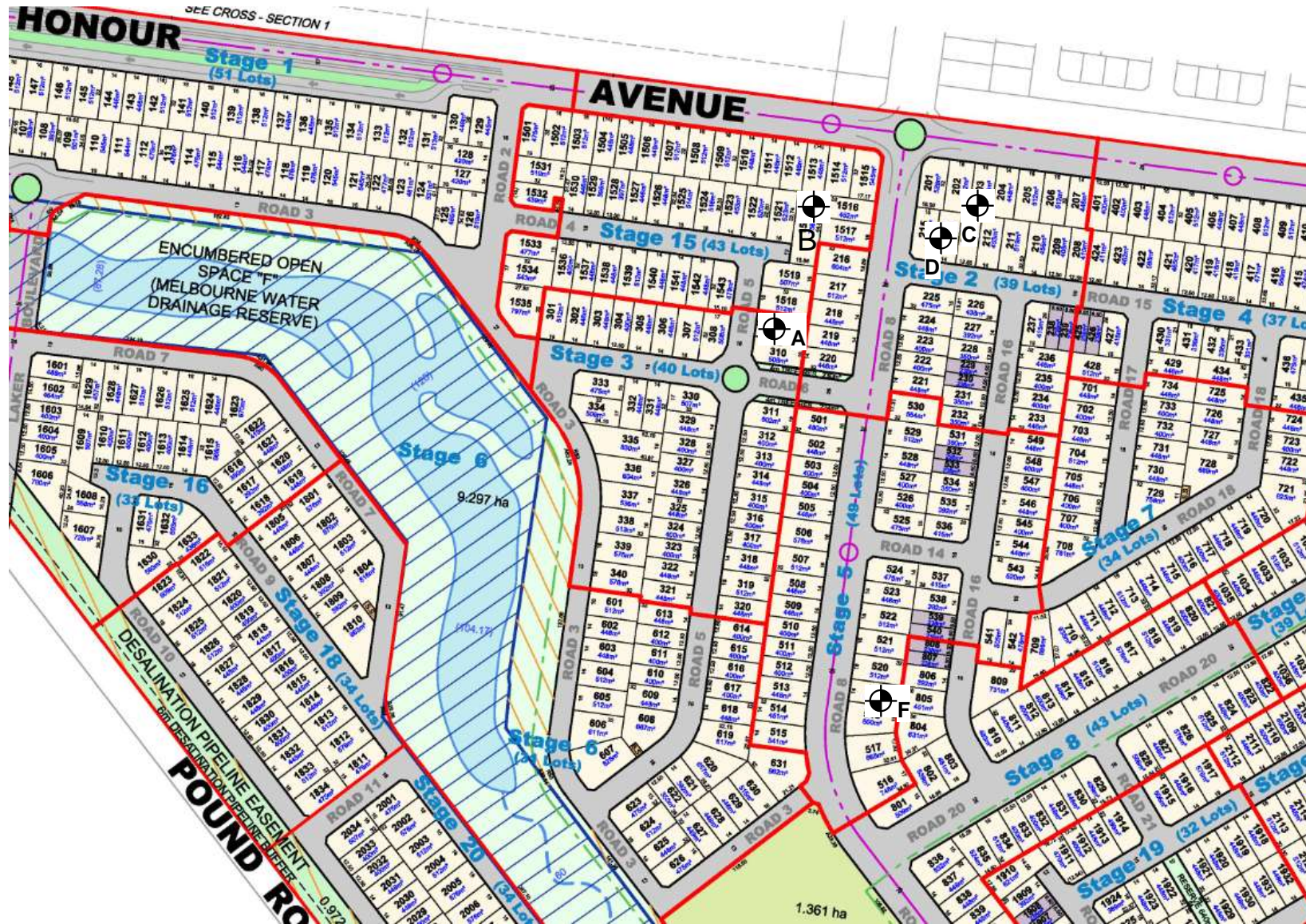
Approved Signatory: Scott Flood
 Laboratory Manager
 NATA Accredited Laboratory Number: 790

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1				
Sample Number	192-3846A	192-3846B	192-3846C	192-3846D
Date Tested	07/08/2019	07/08/2019	07/08/2019	07/08/2019
Time Tested	02:00	03:30	03:40	03:55
Test Request #/Location	Lot 309	Lot 1520	Lot 203	Lots 214/215
Chainage (m)	**	**	**	**
Location Offset (m)	**	**	**	**
Layer / Reduced Level	1.5m Below F.S	1.3m Below F.S	1.3m Below F.S	800mm Below F.S
Thickness of Layer (mm)	300	300	300	300
Soil Description	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty
Test Depth (mm)	275	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0.0	0.0	0.0	0.0
Field Wet Density (FWD) t/m ³	1.98	1.98	2.00	1.97
Field Moisture Content %	29.4	26.4	28.2	30.4
Field Dry Density (FDD) t/m ³	1.53	1.56	1.56	1.51
Peak Converted Wet Density t/m ³	2.00	1.97	2.02	2.01
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**
Moisture Ratio % (AS 1289.5.4.1)	99.5	101.5	99.5	99.5
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**	**	**	**
Moisture Variation (Wv) %	0.0	-0.5	0.0	0.0
Adjusted Moisture Variation %	**	**	**	**
Hilf Density Ratio (%)	99.0	100.5	99.0	98.0
Compaction Method	Standard	Standard	Standard	Standard

Moisture Variation Note:

Positive values = test is dry of OMC
 Negative values = test is wet of OMC

LOCATION OF TEST SITES: HONOUR VILLAGE STAGE 3, CLYDE NORTH



⊙ Denotes Test Locations

THIS SKETCH IS NOT INTENDED TO BE AN ACCURATE DEPICTION OF THE NUMBER, SIZE OR LOCATION OF TREES AND/OR SHRUBS

NOT TO SCALE

Material Test Report

Report Number: 1190228-53
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: Plan Added
Date Issued: 19/08/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Project Location: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Work Request: 3904
Date Sampled: 15/08/2019 7:30
Dates Tested: 15/08/2019 - 16/08/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction

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Approved Signatory: Scott Flood
 Laboratory Manager
 NATA Accredited Laboratory Number: 790

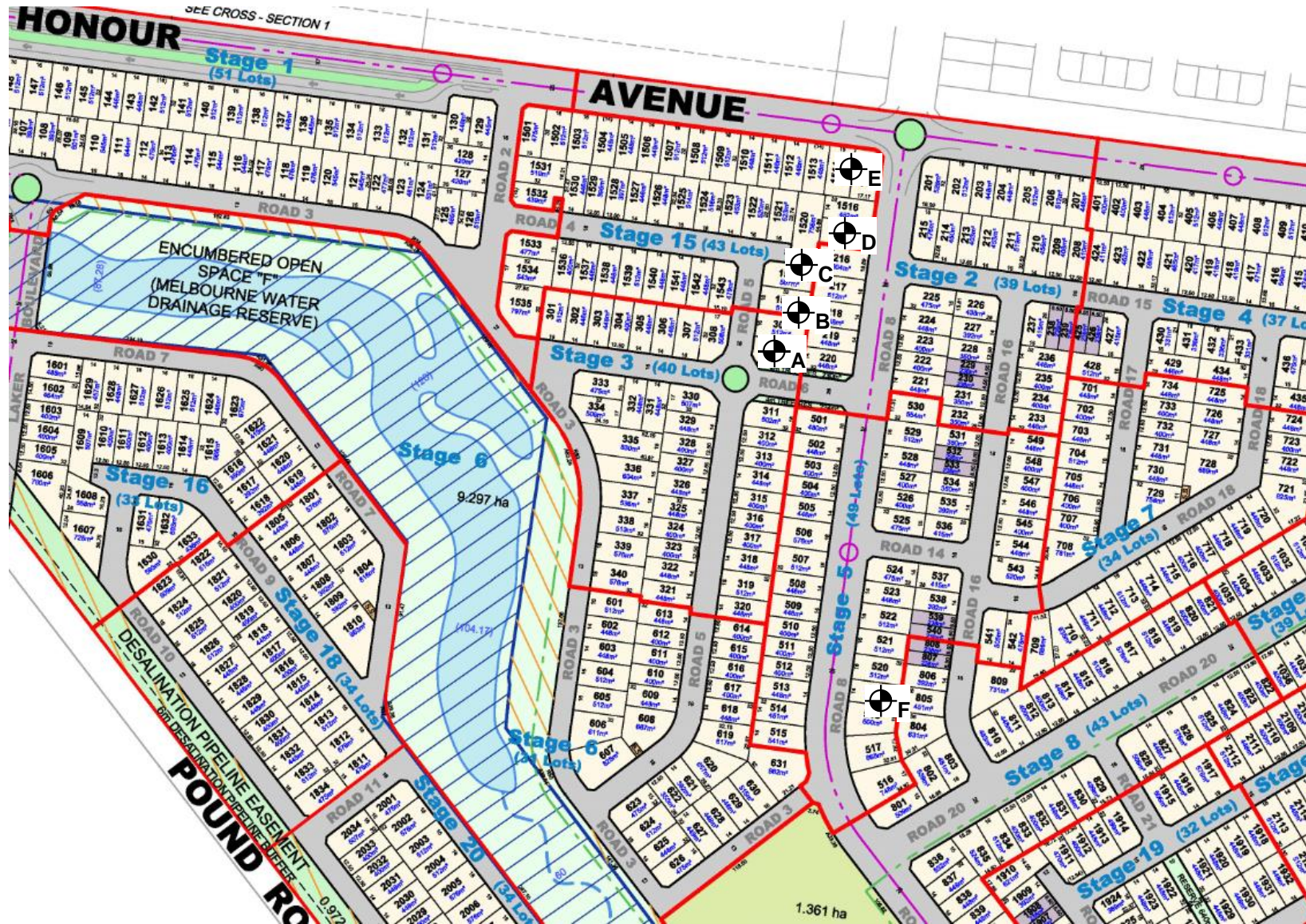
Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1					
Sample Number	192-3904A	192-3904B	192-3904C	192-3904D	192-3904E
Date Tested	15/08/2019	15/08/2019	15/08/2019	15/08/2019	15/08/2019
Time Tested	08:25	08:34	08:46	09:00	09:13
Test Request #/Location	Lot 310	Lots 309/1518	Lots 1519/1520	Lot 1517	Lot 1514/1515
Chainage (m)	**	**	**	**	**
Location Offset (m)	**	**	**	**	**
Layer / Reduced Level	1.1m Below F.S	1.0m Below F.S	1.1m Below F.S	1.1m Below F.S	1.1m Below F.S
Thickness of Layer (mm)	300	300	300	300	300
Soil Description	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty
Test Depth (mm)	275	275	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0.0	0.0	0.0	0.0	0.0
Field Wet Density (FWD) t/m ³	2.01	1.99	2.01	2.00	2.00
Field Moisture Content %	27.7	28.1	27.9	28.3	27.3
Field Dry Density (FDD) t/m ³	1.58	1.56	1.57	1.56	1.57
Peak Converted Wet Density t/m ³	1.98	1.93	2.00	2.02	2.03
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**	**
Moisture Ratio % (AS 1289.5.4.1)	103.5	96.5	100.5	99.5	100.5
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**	**	**	**	**
Moisture Variation (Wv) %	-1.0	1.0	0.0	0.0	0.0
Adjusted Moisture Variation %	**	**	**	**	**
Hilf Density Ratio (%)	101.5	103.5	100.5	99.0	99.0
Compaction Method	Standard	Standard	Standard	Standard	Standard

Moisture Variation Note:

Positive values = test is dry of OMC
 Negative values = test is wet of OMC

LOCATION OF TEST SITES: HONOUR VILLAGE STAGE 3, CLYDE NORTH

Report No: 1190228-53
Plan 1 of 1



⊕ Denotes Test Locations

THIS SKETCH IS NOT INTENDED TO BE AN ACCURATE DEPICTION OF THE NUMBER, SIZE OR LOCATION OF TREES AND/OR SHRUBS

NOT TO SCALE

Material Test Report

Report Number: 1190228-54
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: Plan Added
Date Issued: 19/08/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Project Location: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Work Request: 3897
Date Sampled: 14/08/2019 10:00
Dates Tested: 14/08/2019 - 15/08/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction

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 Mitcham Laboratory
 Unit 7/38 Thornton Crescent Mitcham Vic 3132
 Phone: (03) 9874 5844
 Email: scott.flood@civilttest.com.au

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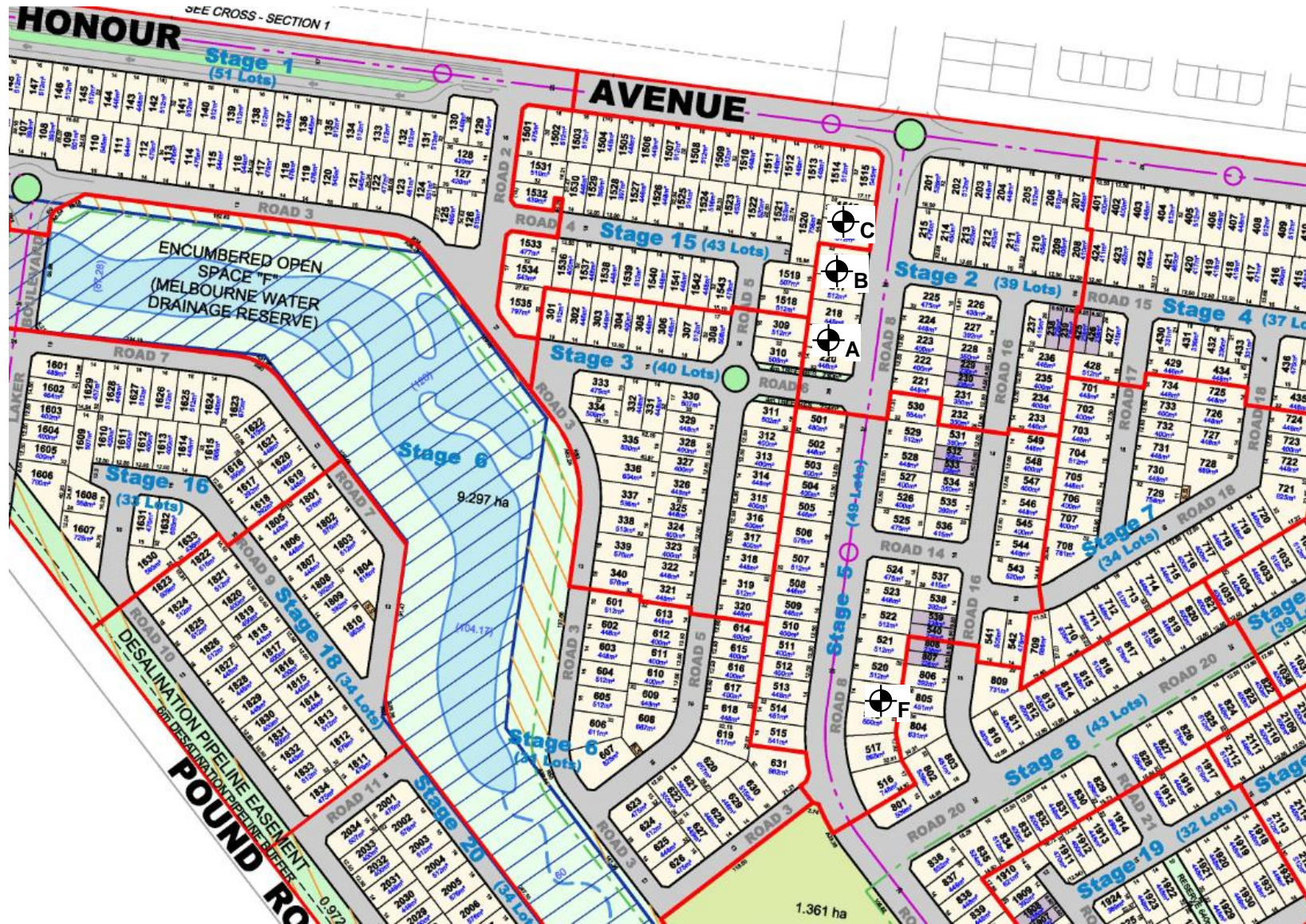
Approved Signatory: Scott Flood
 Laboratory Manager
 NATA Accredited Laboratory Number: 790

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1			
Sample Number	192-3897A	192-3897B	192-3897C
Date Tested	14/08/2019	14/08/2019	14/08/2019
Time Tested	11:00	01:45	02:15
Test Request #/Location	Lot 219	Lots 216/217	Lots 1516/1517
Chainage (m)	**	**	**
Location Offset (m)	**	**	**
Layer / Reduced Level	1.0m Below F.S	1.0m Below F.S	1.0m Below F.S
Thickness of Layer (mm)	300	300	300
Soil Description	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty
Test Depth (mm)	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0.0	0.0	0.0
Field Wet Density (FWD) t/m ³	1.98	1.98	1.98
Field Moisture Content %	29.7	29.0	27.0
Field Dry Density (FDD) t/m ³	1.52	1.54	1.56
Peak Converted Wet Density t/m ³	2.00	2.02	2.01
Adjusted Peak Converted Wet Density t/m ³	**	**	**
Moisture Ratio % (AS 1289.5.4.1)	97.5	98.5	97.5
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**	**	**
Moisture Variation (Wv) %	0.5	0.5	0.5
Adjusted Moisture Variation %	**	**	**
Hilf Density Ratio (%)	98.5	98.0	98.5
Compaction Method	Standard	Standard	Standard

Moisture Variation Note:
 Positive values = test is dry of OMC
 Negative values = test is wet of OMC

LOCATION OF TEST SITES: HONOUR VILLAGE STAGE 3, CLYDE NORTH

Report No: 1190228-54
Plan 1 of 1



⊕ Denotes Test Locations

THIS SKETCH IS NOT INTENDED TO BE AN ACCURATE DEPICTION OF THE NUMBER, SIZE OR LOCATION OF TREES AND/OR SHRUBS

NOT TO SCALE

Material Test Report

Report Number: 1190228-85
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: Plan Added
Date Issued: 20/09/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Project Location: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Work Request: 4192
Date Sampled: 18/09/2019 7:30
Dates Tested: 18/09/2019 - 20/09/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction

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 Phone: (03) 9874 5844
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Approved Signatory: Scott Flood
 Laboratory Manager
 NATA Accredited Laboratory Number: 790

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1						
Sample Number	192-4192A	192-4192B	192-4192C	192-4192D	192-4192E	192-4192F
Date Tested	19/09/2019	19/09/2019	19/09/2019	19/09/2019	19/09/2019	19/09/2019
Time Tested	08:30	08:35	08:40	08:45	08:50	02:00
Test Request #/Location	Lot 530	Lots 528/529	Lots 533/534	Lot 526	Lot 536	Lot 525
Chainage (m)	**	**	**	**	**	**
Location Offset (m)	**	**	**	**	**	**
Layer / Reduced Level	1.0m Below F.S	1.0m Below F.S	1.0m Below F.S	1.0m Below F.S	1.0m Below F.S	700mm Below F.S
Thickness of Layer (mm)	300	300	300	300	300	300
Soil Description	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty
Test Depth (mm)	275	275	275	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0.0	0.0	0.0	0.0	0.0	0.0
Field Wet Density (FWD) t/m ³	1.98	1.98	1.96	1.96	1.97	1.97
Field Moisture Content %	21.3	20.9	23.1	24.9	23.6	23.2
Field Dry Density (FDD) t/m ³	1.63	1.63	1.60	1.57	1.59	1.60
Peak Converted Wet Density t/m ³	1.99	1.99	1.98	1.98	1.98	1.98
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**	**	**
Moisture Ratio % (AS 1289.5.4.1)	99.5	98.0	98.5	98.5	98.5	98.5
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**	**	**	**	**	**
Moisture Variation (Wv) %	0.0	0.5	0.5	0.5	0.5	0.5
Adjusted Moisture Variation %	**	**	**	**	**	**
Hilf Density Ratio (%)	99.5	99.0	99.0	99.5	99.5	99.0
Compaction Method	Standard	Standard	Standard	Standard	Standard	Standard

Moisture Variation Note:

Positive values = test is dry of OMC
 Negative values = test is wet of OMC

Material Test Report

Report Number: 1190228-85
Issue Number: 2 - *This version supersedes all previous issues*
Reissue Reason: *Plan Added*
Date Issued: 20/09/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Project Location: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Work Request: 4192
Date Sampled: 18/09/2019 7:30
Dates Tested: 18/09/2019 - 20/09/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction

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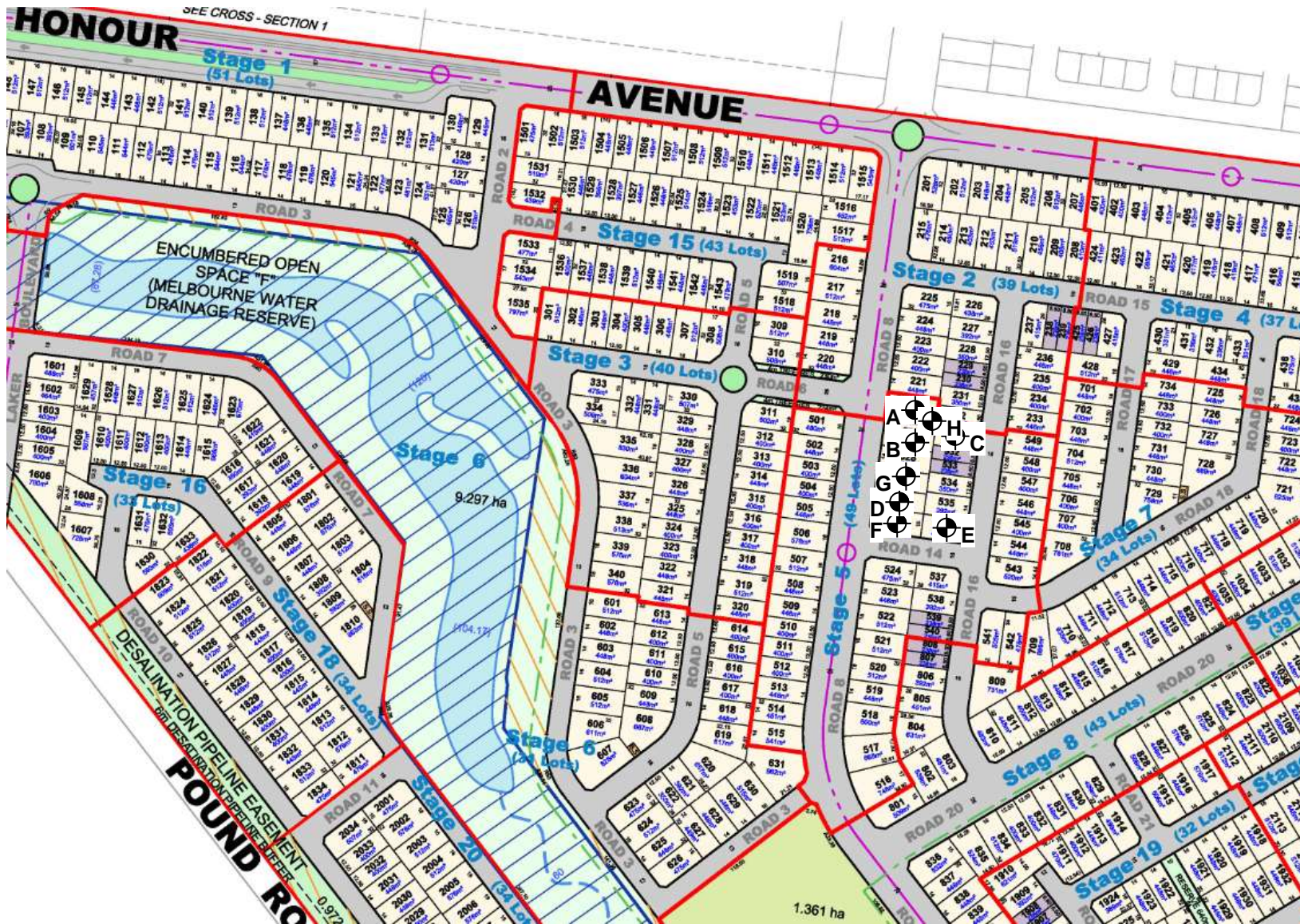
Approved Signatory: Scott Flood
 Laboratory Manager
 NATA Accredited Laboratory Number: 790

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1		
Sample Number	192-4192G	192-4192H
Date Tested	19/09/2019	19/09/2019
Time Tested	02:05	02:10
Test Request #/Location	Lots 527/528	Lots 529/530
Chainage (m)	**	**
Location Offset (m)	**	**
Layer / Reduced Level	700mm Below F.S	700mm Below F.S
Thickness of Layer (mm)	300	300
Soil Description	CLAY sandy silty	CLAY sandy silty
Test Depth (mm)	275	275
Sieve used to determine oversize (mm)	19.0	19.0
Percentage of Wet Oversize (%)	0.0	0.0
Field Wet Density (FWD) t/m ³	1.97	1.98
Field Moisture Content %	22.6	22.4
Field Dry Density (FDD) t/m ³	1.61	1.62
Peak Converted Wet Density t/m ³	1.99	1.99
Adjusted Peak Converted Wet Density t/m ³	**	**
Moisture Ratio % (AS 1289.5.4.1)	98.5	98.5
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**	**
Moisture Variation (Wv) %	0.5	0.5
Adjusted Moisture Variation %	**	**
Hilf Density Ratio (%)	99.0	99.5
Compaction Method	Standard	Standard

Moisture Variation Note:

Positive values = test is dry of OMC
 Negative values = test is wet of OMC

LOCATION OF TEST SITES: HONOUR VILLAGE STAGE 2, CLYDE NORTH



⊕ Denotes Test Locations

THIS SKETCH IS NOT INTENDED TO BE AN ACCURATE DEPICTION OF THE NUMBER, SIZE OR LOCATION OF TREES AND/OR SHRUBS

NOT TO SCALE

Material Test Report

Report Number: 1190228-87
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: Plan Added
Date Issued: 25/09/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Project Location: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Work Request: 4227
Date Sampled: 20/09/2019 7:30
Dates Tested: 20/09/2019 - 25/09/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction

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 Phone: (03) 9874 5844
 Email: scott.flood@civilttest.com.au
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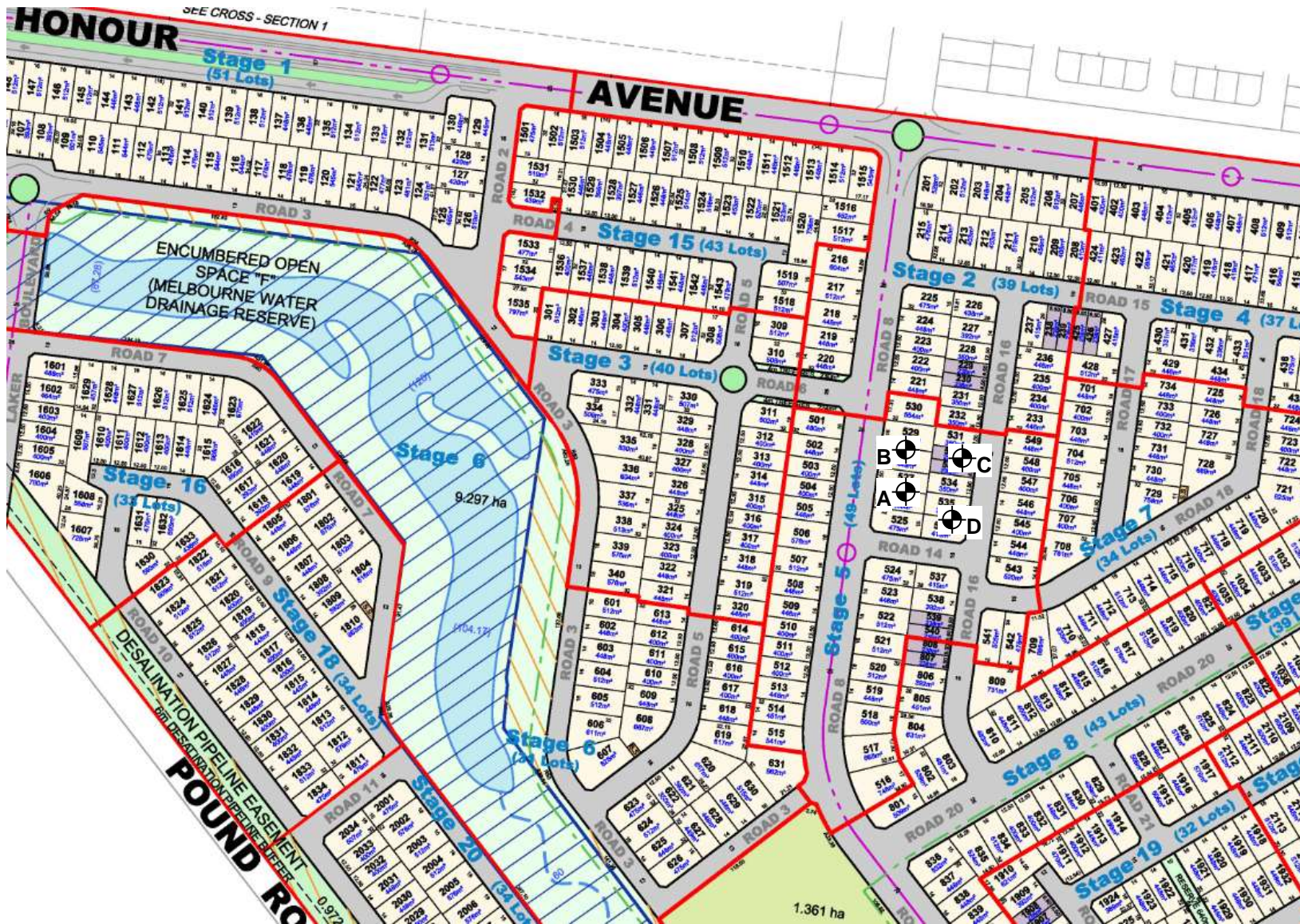
Approved Signatory: Scott Flood
 Laboratory Manager
 NATA Accredited Laboratory Number: 790

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1				
Sample Number	192-4227A	192-4227B	192-4227C	192-4227D
Date Tested	20/09/2019	20/09/2019	20/09/2019	20/09/2019
Time Tested	08:00	08:10	03:00	03:10
Test Request #/Location	Lots 526/527	Lots 528/529	Lots 532/533	Lots 535/536
Chainage (m)	**	**	**	**
Location Offset (m)	**	**	**	**
Layer / Reduced Level	400mm Below F.S	400mm Below F.S	F/L	F/L
Thickness of Layer (mm)	300	300	300	300
Soil Description	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty
Test Depth (mm)	275	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0.0	0.0	0.0	0.0
Field Wet Density (FWD) t/m ³	1.97	1.98	1.97	1.99
Field Moisture Content %	23.5	24.7	24.2	24.9
Field Dry Density (FDD) t/m ³	1.60	1.58	1.59	1.59
Peak Converted Wet Density t/m ³	1.99	1.99	1.98	2.00
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**
Moisture Ratio % (AS 1289.5.4.1)	88.0	91.0	87.5	88.5
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**	**	**	**
Moisture Variation (Wv) %	3.0	2.0	3.0	3.0
Adjusted Moisture Variation %	**	**	**	**
Hilf Density Ratio (%)	99.0	99.0	100.0	99.5
Compaction Method	Standard	Standard	Standard	Standard

Moisture Variation Note:

Positive values = test is dry of OMC
 Negative values = test is wet of OMC

LOCATION OF TEST SITES: HONOUR VILLAGE STAGE 2, CLYDE NORTH



⊕ Denotes Test Locations

THIS SKETCH IS NOT INTENDED TO BE AN ACCURATE DEPICTION OF THE NUMBER, SIZE OR LOCATION OF TREES AND/OR SHRUBS

NOT TO SCALE



Material Test Report

Report Number: 1190228-88
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: Plan Added
Date Issued: 25/09/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Project Location: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Work Request: 4234
Date Sampled: 23/09/2019 7:30
Dates Tested: 23/09/2019 - 24/09/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction

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 Email: scott.flood@civilttest.com.au

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Approved Signatory: Scott Flood
 Laboratory Manager
 NATA Accredited Laboratory Number: 790

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1						
Sample Number	192-4234A	192-4234B	192-4234C	192-4234D	192-4234E	192-4234F
Date Tested	23/09/2019	23/09/2019	23/09/2019	23/09/2019	23/09/2019	23/09/2019
Time Tested	08:00	08:10	08:15	02:10	02:15	02:20
Test Request #/Location	Lots 525/526	Lots 528/529	Lot 527	Lot 501	Lot 502	Lot 504
Chainage (m)	**	**	**	**	**	**
Location Offset (m)	**	**	**	**	**	**
Layer / Reduced Level	F.L	F.L	F.L	900mm Below F.S	1.0m Below F.S	800mm Below F.S
Thickness of Layer (mm)	300	300	300	300	300	300
Soil Description	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty
Test Depth (mm)	275	275	275	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0.0	0.0	0.0	0.0	0.0	0.0
Field Wet Density (FWD) t/m ³	2.01	1.99	2.00	2.02	2.01	2.00
Field Moisture Content %	25.4	25.2	26.3	26.0	26.4	24.5
Field Dry Density (FDD) t/m ³	1.60	1.59	1.58	1.60	1.59	1.61
Peak Converted Wet Density t/m ³	2.01	2.00	2.00	2.02	2.02	2.01
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**	**	**
Moisture Ratio % (AS 1289.5.4.1)	97.5	99.0	99.0	99.0	98.5	97.0
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**	**	**	**	**	**
Moisture Variation (Wv) %	0.5	0.5	0.0	0.5	0.5	0.5
Adjusted Moisture Variation %	**	**	**	**	**	**
Hilf Density Ratio (%)	100.0	99.0	100.0	100.0	100.0	99.5
Compaction Method	Standard	Standard	Standard	Standard	Standard	Standard

Moisture Variation Note:

Positive values = test is dry of OMC
 Negative values = test is wet of OMC

Material Test Report

Report Number: 1190228-88
Issue Number: 2 - *This version supersedes all previous issues*
Reissue Reason: *Plan Added*
Date Issued: 25/09/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Project Location: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Work Request: 4234
Date Sampled: 23/09/2019 7:30
Dates Tested: 23/09/2019 - 24/09/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction

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 Unit 7/38 Thornton Crescent Mitcham Vic 3132
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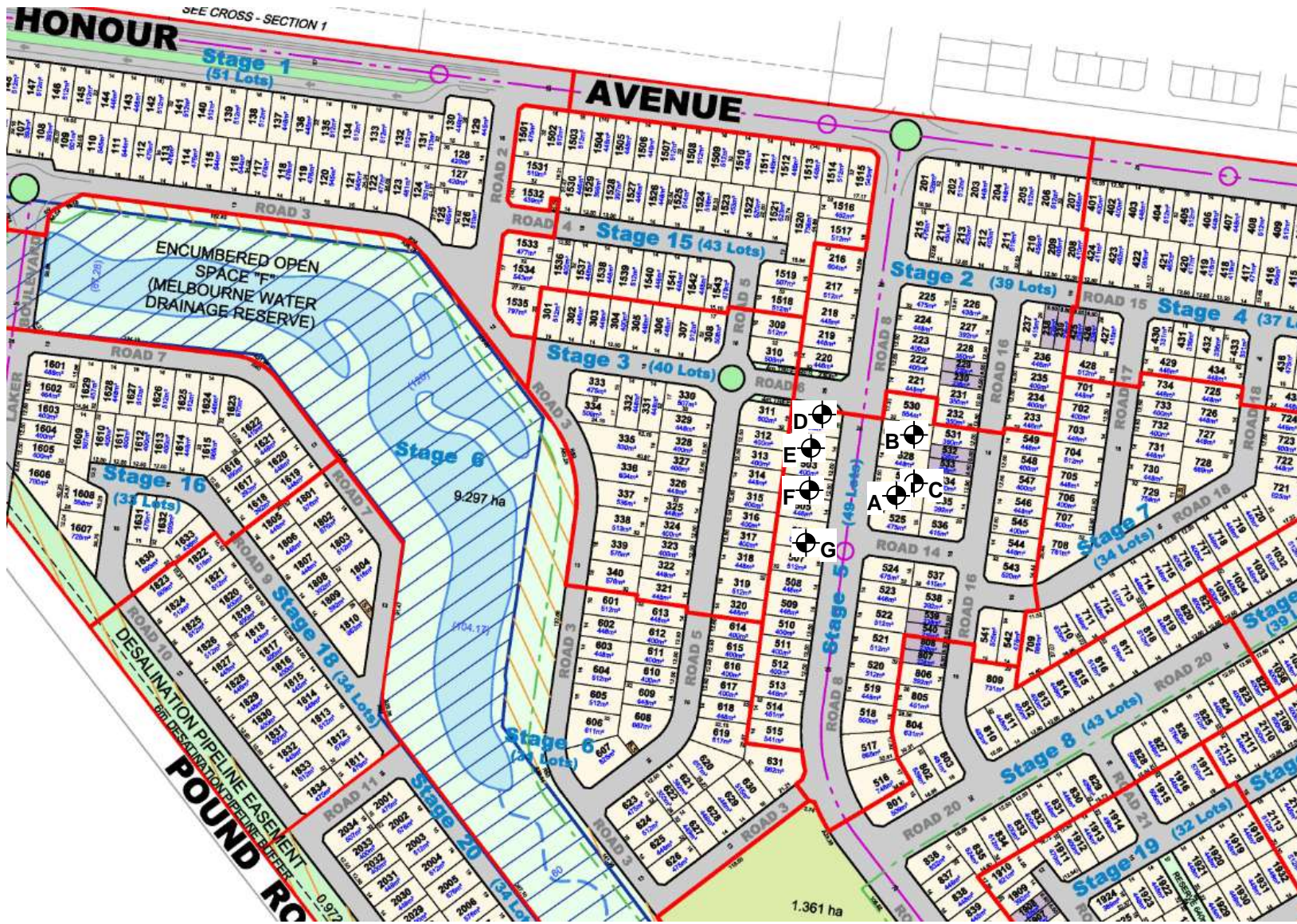
Approved Signatory: Scott Flood
 Laboratory Manager
 NATA Accredited Laboratory Number: 790

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1	
Sample Number	192-4234G
Date Tested	23/09/2019
Time Tested	02:30
Test Request #/Location	Lot 506
Chainage (m)	**
Location Offset (m)	**
Layer / Reduced Level	700mm Below F.S
Thickness of Layer (mm)	300
Soil Description	CLAY sandy silty
Test Depth (mm)	275
Sieve used to determine oversize (mm)	19.0
Percentage of Wet Oversize (%)	0.0
Field Wet Density (FWD) t/m ³	2.01
Field Moisture Content %	26.4
Field Dry Density (FDD) t/m ³	1.59
Peak Converted Wet Density t/m ³	2.02
Adjusted Peak Converted Wet Density t/m ³	**
Moisture Ratio % (AS 1289.5.4.1)	97.5
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**
Moisture Variation (Wv) %	0.5
Adjusted Moisture Variation %	**
Hilf Density Ratio (%)	99.5
Compaction Method	Standard

Moisture Variation Note:

Positive values = test is dry of OMC
 Negative values = test is wet of OMC

LOCATION OF TEST SITES: HONOUR VILLAGE STAGE 2, CLYDE NORTH



⊕ Denotes Test Locations

THIS SKETCH IS NOT INTENDED TO BE AN ACCURATE DEPICTION OF THE NUMBER, SIZE OR LOCATION OF TREES AND/OR SHRUBS

NOT TO SCALE

Material Test Report

Report Number: 1190228-89
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: Plan Added
Date Issued: 30/09/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Project Location: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Work Request: 4252
Date Sampled: 24/09/2019 7:30
Dates Tested: 24/09/2019 - 26/09/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction

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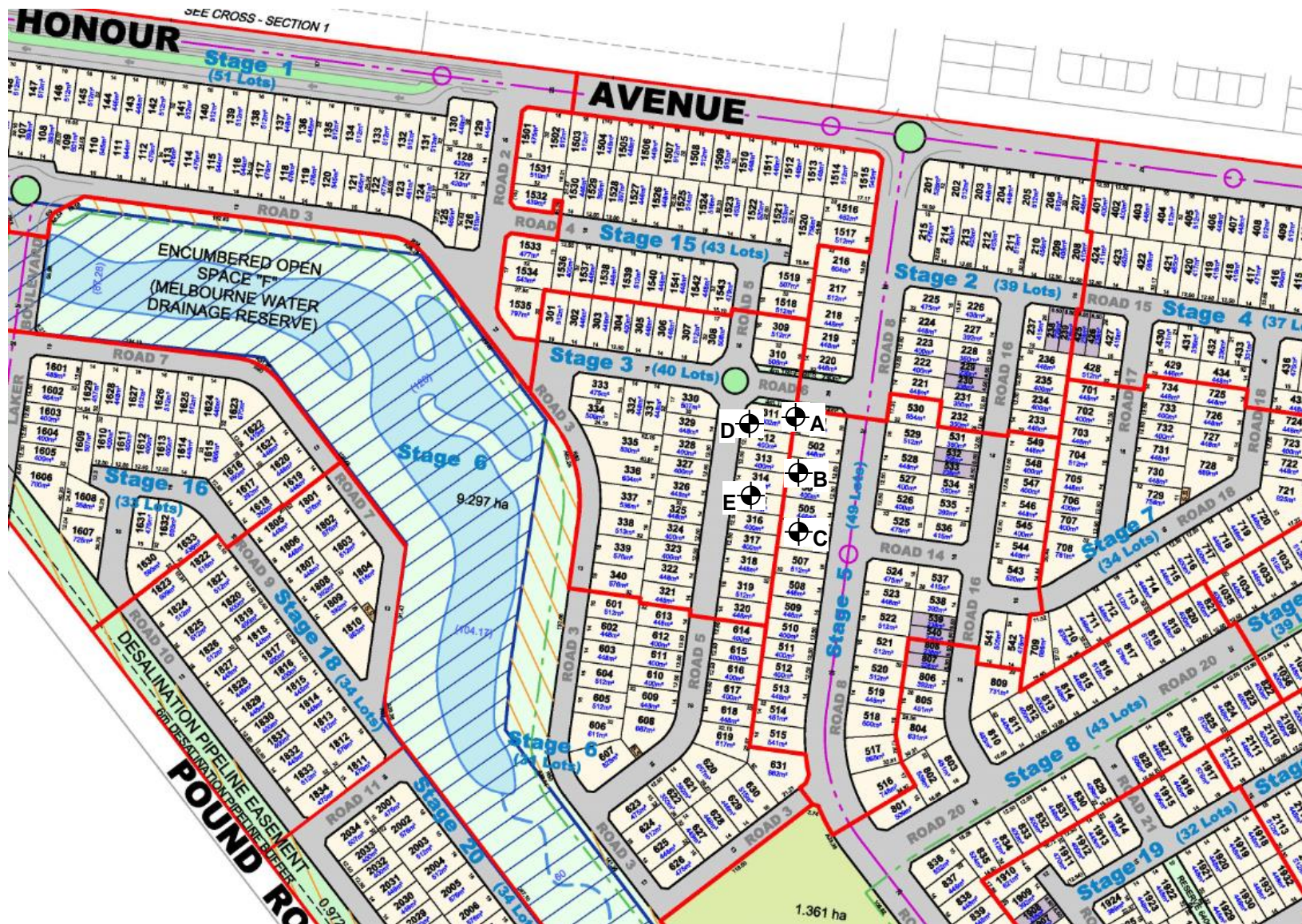
Approved Signatory: Scott Flood
 Laboratory Manager
 NATA Accredited Laboratory Number: 790

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1					
Sample Number	192-4252A	192-4252B	192-4252C	192-4252D	192-4252E
Date Tested	24/09/2019	24/09/2019	24/09/2019	24/09/2019	24/09/2019
Time Tested	03:20	03:25	03:30	09:10	09:15
Test Request #/Location	Lots 311/501	Lots 503/504	Lot 506	Lots 311/312	Lot 315
Chainage (m)	**	**	**	**	**
Location Offset (m)	**	**	**	**	**
Layer / Reduced Level	400mm Below F.S	400mm Below F.S	400mm Below F.S	700mm Below F.S	800mm Below F.S
Thickness of Layer (mm)	300	300	300	300	300
Soil Description	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty
Test Depth (mm)	275	275	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0.0	0.0	0.0	0.0	0.0
Field Wet Density (FWD) t/m ³	2.02	2.02	2.02	1.97	1.98
Field Moisture Content %	25.5	23.7	23.3	24.8	25.2
Field Dry Density (FDD) t/m ³	1.61	1.64	1.63	1.58	1.58
Peak Converted Wet Density t/m ³	2.02	2.04	2.02	2.00	1.99
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**	**
Moisture Ratio % (AS 1289.5.4.1)	97.5	97.0	97.5	98.5	97.5
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**	**	**	**	**
Moisture Variation (Wv) %	0.5	0.5	0.5	0.5	0.5
Adjusted Moisture Variation %	**	**	**	**	**
Hilf Density Ratio (%)	99.5	99.5	99.5	98.5	99.0
Compaction Method	Standard	Standard	Standard	Standard	Standard

Moisture Variation Note:

Positive values = test is dry of OMC
 Negative values = test is wet of OMC

LOCATION OF TEST SITES: HONOUR VILLAGE STAGE 2, CLYDE NORTH



⊙ Denotes Test Locations

THIS SKETCH IS NOT INTENDED TO BE AN ACCURATE DEPICTION OF THE NUMBER, SIZE OR LOCATION OF TREES AND/OR SHRUBS

NOT TO SCALE

Material Test Report

Report Number: 1190228-92
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: Plan Added
Date Issued: 03/10/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Project Location: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Work Request: 4295
Date Sampled: 30/09/2019 7:30
Dates Tested: 30/09/2019 - 01/10/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction

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 Mitcham Laboratory
 Unit 7/38 Thornton Crescent Mitcham Vic 3132
 Phone: (03) 9874 5844
 Email: scott.flood@civilttest.com.au

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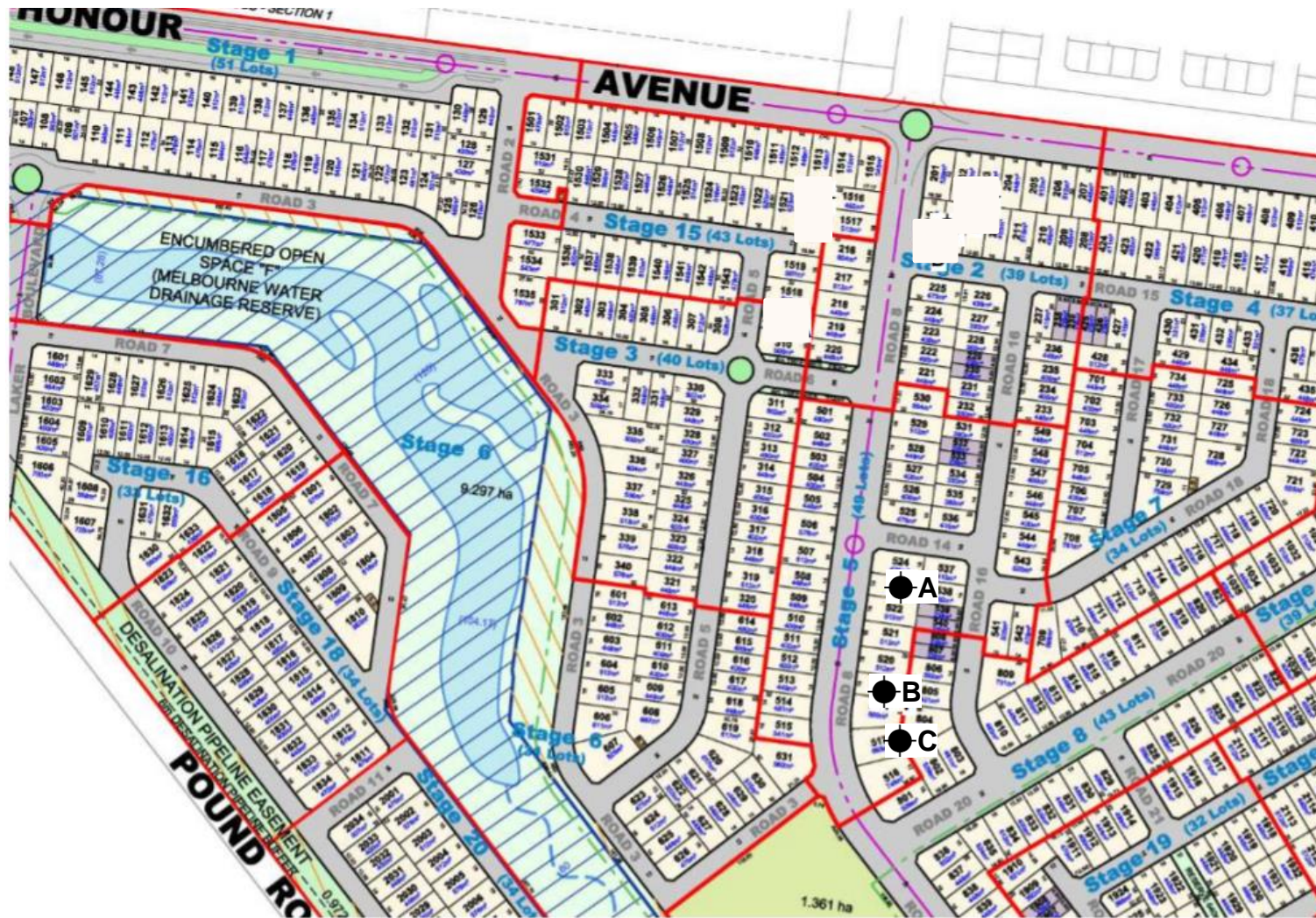
Approved Signatory: Scott Flood
 Laboratory Manager
 NATA Accredited Laboratory Number: 790

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1			
Sample Number	192-4295A	192-4295B	192-4295C
Date Tested	30/09/2019	30/09/2019	30/09/2019
Time Tested	01:10	01:15	01:20
Test Request #/Location	Lot 517	Lots 518/519	Lot 522
Chainage (m)	**	**	**
Location Offset (m)	**	**	**
Layer / Reduced Level	400mm Below F.S	400mm Below F.S	500mm Below F.S
Thickness of Layer (mm)	300	300	300
Soil Description	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty
Test Depth (mm)	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0.0	0.0	0.0
Field Wet Density (FWD) t/m ³	2.00	2.01	2.00
Field Moisture Content %	27.8	26.8	27.1
Field Dry Density (FDD) t/m ³	1.56	1.59	1.57
Peak Converted Wet Density t/m ³	2.01	2.02	2.02
Adjusted Peak Converted Wet Density t/m ³	**	**	**
Moisture Ratio % (AS 1289.5.4.1)	97.0	97.0	97.5
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**	**	**
Moisture Variation (Wv) %	0.5	0.5	0.5
Adjusted Moisture Variation %	**	**	**
Hilf Density Ratio (%)	99.5	99.5	99.0
Compaction Method	Standard	Standard	Standard

Moisture Variation Note:

Positive values = test is dry of OMC
 Negative values = test is wet of OMC

PLAN – LOCATION OF TEST SITES: Honour Village Wetlands Stage 2 CLYDE NORTH



● Denotes Test Locations

THIS SKETCH IS NOT INTENDED TO BE AN ACCURATE DEPICTION OF THE NUMBER, SIZE OR LOCATION OF TREES AND/OR SHRUBS

NOT TO SCALE

Material Test Report

Report Number: 1190228-93
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: Plan Added
Date Issued: 03/10/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Project Location: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Work Request: 4289
Date Sampled: 26/09/2019 7:30
Dates Tested: 26/09/2019 - 30/09/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction

Civiltest Pty Ltd
 Mitcham Laboratory
 Unit 7/38 Thornton Crescent Mitcham Vic 3132
 Phone: (03) 9874 5844
 Email: scott.flood@civiltest.com.au

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Approved Signatory: Scott Flood
 Laboratory Manager
 NATA Accredited Laboratory Number: 790

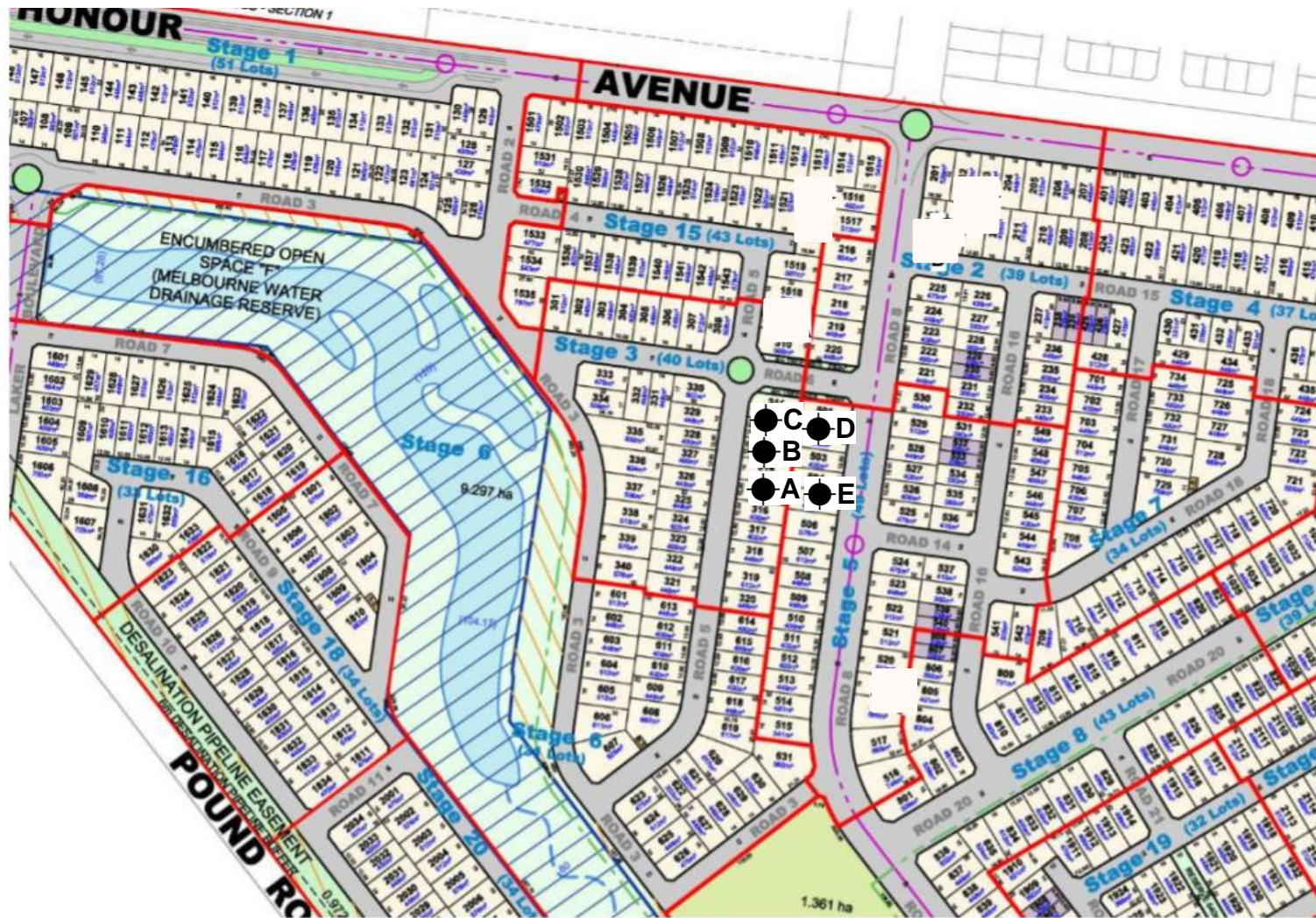
Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1

	192-4289A	192-4289B	192-4289C	192-4289D	192-4289E
Sample Number	192-4289A	192-4289B	192-4289C	192-4289D	192-4289E
Date Tested	26/09/2019	26/09/2019	26/09/2019	26/09/2019	26/09/2019
Time Tested	02:15	02:20	02:25	02:30	02:35
Test Request #/Location	Lots 314/315	Lot 313	Lots 311/312	Lot 502	Lot 505
Chainage (m)	**	**	**	**	**
Location Offset (m)	**	**	**	**	**
Layer / Reduced Level	F.L	F.L	F.L	F.L	F.L
Thickness of Layer (mm)	300	300	300	300	300
Soil Description	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty
Test Depth (mm)	275	275	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0.0	0.0	0.0	0.0	0.0
Field Wet Density (FWD) t/m ³	1.98	2.00	1.96	1.96	2.00
Field Moisture Content %	24.3	24.2	26.5	24.0	23.0
Field Dry Density (FDD) t/m ³	1.59	1.61	1.55	1.58	1.62
Peak Converted Wet Density t/m ³	2.00	2.01	1.99	1.99	2.01
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**	**
Moisture Ratio % (AS 1289.5.4.1)	96.0	97.5	97.5	97.0	97.5
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**	**	**	**	**
Moisture Variation (Wv) %	1.0	0.5	0.5	1.0	0.5
Adjusted Moisture Variation %	**	**	**	**	**
Hilf Density Ratio (%)	99.0	99.5	98.5	98.5	99.0
Compaction Method	Standard	Standard	Standard	Standard	Standard

Moisture Variation Note:

Positive values = test is dry of OMC
 Negative values = test is wet of OMC

PLAN – LOCATION OF TEST SITES: Honour Village Wetlands Stage 2 CLYDE NORTH



● Denotes Test Locations

THIS SKETCH IS NOT INTENDED TO BE AN ACCURATE DEPICTION OF THE NUMBER, SIZE OR LOCATION OF TREES AND/OR SHRUBS

NOT TO SCALE

Material Test Report

Report Number: 1190228-94
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: Plan Added
Date Issued: 08/10/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Project Location: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Work Request: 4344
Date Sampled: 04/10/2019 7:00
Dates Tested: 04/10/2019 - 05/10/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction

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Approved Signatory: Scott Flood
 Laboratory Manager
 NATA Accredited Laboratory Number: 790

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1						
Sample Number	192-4344A	192-4344B	192-4344C	192-4344D	192-4344E	192-4344F
Date Tested	04/10/2019	04/10/2019	04/10/2019	04/10/2019	04/10/2019	04/10/2019
Time Tested	08:00	08:10	08:20	08:30	13:20	13:23
Test Request #/Location	Lots 513/514	Lots 509/510	Lots 614/615	Lots 617/618	Lots 523/524	Lots 538/539
Chainage (m)	**	**	**	**	**	**
Location Offset (m)	**	**	**	**	**	**
Layer / Reduced Level	700mm Below F.S	700mm Below F.S	700mm Below F.S	700mm Below F.S	F.S	F.S
Thickness of Layer (mm)	300	300	300	300	300	300
Soil Description	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty
Test Depth (mm)	275	275	275	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0.0	0.0	0.0	0.0	0.0	0.0
Field Wet Density (FWD) t/m ³	2.00	1.96	1.98	2.03	2.02	1.99
Field Moisture Content %	23.4	23.3	23.3	22.5	22.4	23.0
Field Dry Density (FDD) t/m ³	1.62	1.59	1.61	1.65	1.65	1.62
Peak Converted Wet Density t/m ³	2.06	2.01	2.01	2.06	2.03	2.01
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**	**	**
Moisture Ratio % (AS 1289.5.4.1)	97.5	96.0	96.0	98.5	97.5	97.0
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**	**	**	**	**	**
Moisture Variation (Wv) %	0.5	1.0	1.0	0.5	0.5	0.5
Adjusted Moisture Variation %	**	**	**	**	**	**
Hilf Density Ratio (%)	97.0	98.0	98.5	98.0	99.0	99.0
Compaction Method	Standard	Standard	Standard	Standard	Standard	Standard

Moisture Variation Note:

Positive values = test is dry of OMC
 Negative values = test is wet of OMC

Material Test Report

Report Number: 1190228-94
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: Plan Added
Date Issued: 08/10/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Project Location: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Work Request: 4344
Date Sampled: 04/10/2019 7:00
Dates Tested: 04/10/2019 - 05/10/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction

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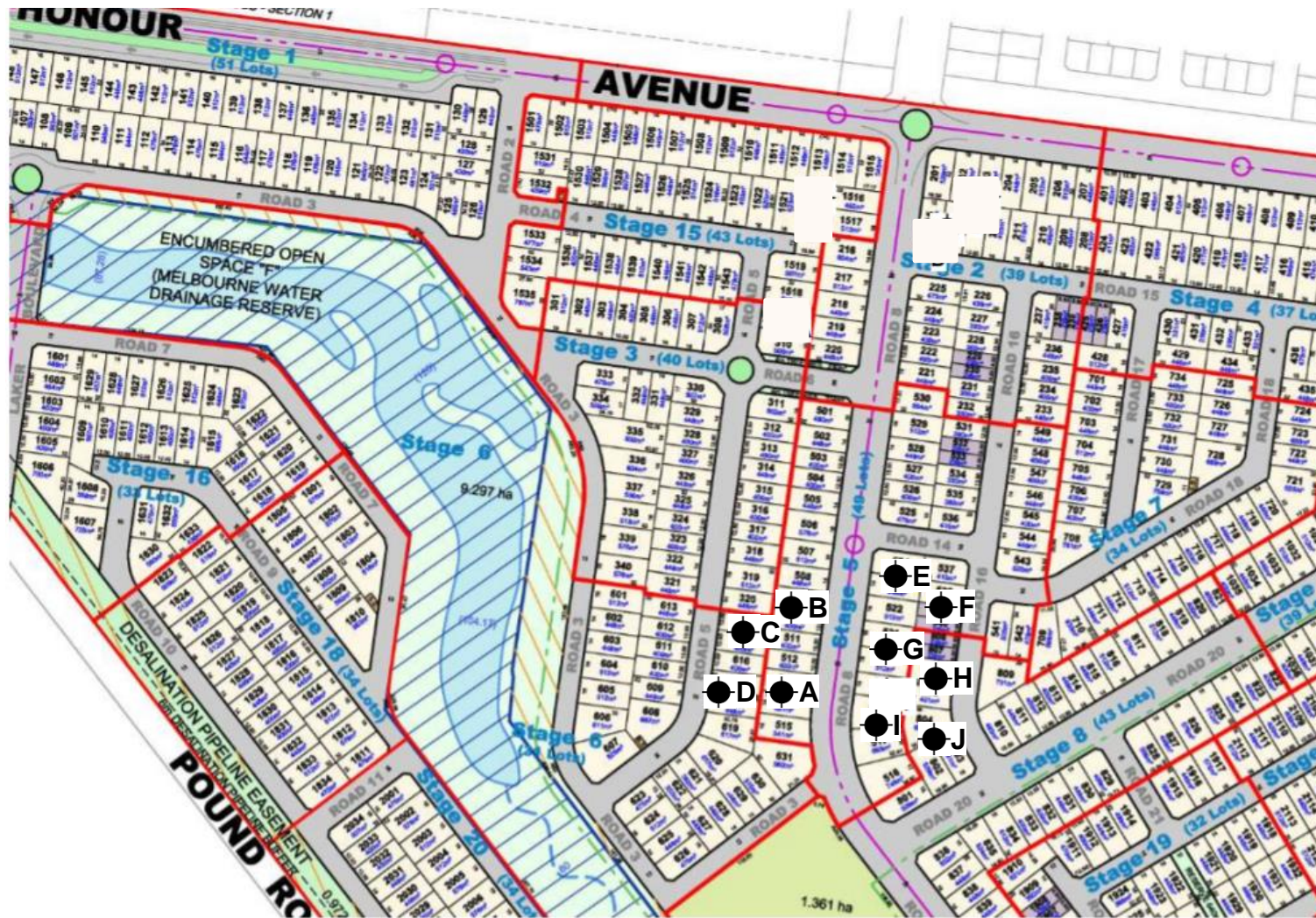


Approved Signatory: Scott Flood
 Laboratory Manager
 NATA Accredited Laboratory Number: 790

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1				
Sample Number	192-4344G	192-4344H	192-4344I	192-4344J
Date Tested	04/10/2019	04/10/2019	04/10/2019	04/10/2019
Time Tested	13:27	13:29	13:30	13:33
Test Request #/Location	Lots 520/521	Lots 805/806	Lots 517/518	Lots 803/804
Chainage (m)	**	**	**	**
Location Offset (m)	**	**	**	**
Layer / Reduced Level	F.S	F.S	F.S	F.S
Thickness of Layer (mm)	300	300	300	300
Soil Description	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty
Test Depth (mm)	275	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0.0	0.0	0.0	0.0
Field Wet Density (FWD) t/m ³	1.98	2.00	2.01	2.00
Field Moisture Content %	21.9	21.4	23.4	22.7
Field Dry Density (FDD) t/m ³	1.63	1.65	1.63	1.63
Peak Converted Wet Density t/m ³	2.01	2.02	2.03	2.02
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**
Moisture Ratio % (AS 1289.5.4.1)	96.5	97.0	97.5	96.5
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**	**	**	**
Moisture Variation (Wv) %	0.5	0.5	0.5	0.5
Adjusted Moisture Variation %	**	**	**	**
Hilf Density Ratio (%)	99.0	99.0	99.0	99.0
Compaction Method	Standard	Standard	Standard	Standard

Moisture Variation Note:
 Positive values = test is dry of OMC
 Negative values = test is wet of OMC

PLAN – LOCATION OF TEST SITES: Honour Village Wetlands Stage 2 CLYDE NORTH



● Denotes Test Locations

THIS SKETCH IS NOT INTENDED TO BE AN ACCURATE DEPICTION OF THE NUMBER, SIZE OR LOCATION OF TREES AND/OR SHRUBS

NOT TO SCALE

Material Test Report

Report Number: 1190228-96
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: Plan Added
Date Issued: 08/10/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Project Location: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Work Request: 4296
Date Sampled: 01/10/2019 7:15
Dates Tested: 01/10/2019 - 04/10/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction

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 Unit 7/38 Thornton Crescent Mitcham Vic 3132
 Phone: (03) 9874 5844
 Email: scott.flood@civilttest.com.au

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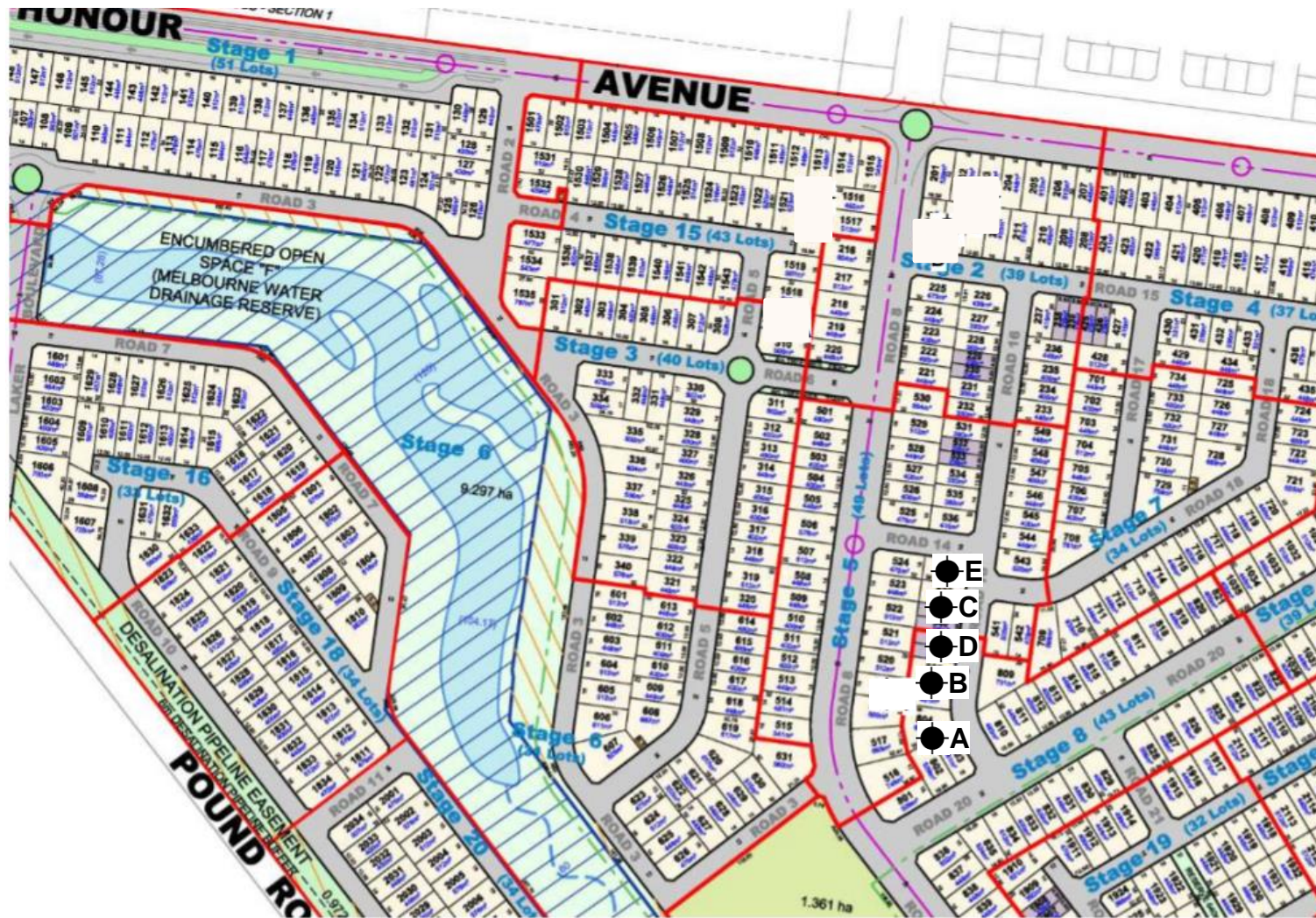
Approved Signatory: Scott Flood
 Laboratory Manager
 NATA Accredited Laboratory Number: 790

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1					
Sample Number	192-4296A	192-4296B	192-4296C	192-4296D	192-4296E
Date Tested	01/10/2019	01/10/2019	01/10/2019	01/10/2019	01/10/2019
Time Tested	08:30	10:00	10:05	02:30	02:35
Test Request #/Location	Lots 802/803/804	Lots 805/806	Lots 538/539	Lot 807	Lot 537
Chainage (m)	**	**	**	**	**
Location Offset (m)	**	**	**	**	**
Layer / Reduced Level	700mm Below F.S	700mm Below F.S	700mm Below F.S	400mm Below F.S	400mm Below F.S
Thickness of Layer (mm)	300	300	300	300	300
Soil Description	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty
Test Depth (mm)	275	275	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0.0	0.0	0.0	0.0	0.0
Field Wet Density (FWD) t/m ³	1.96	1.97	1.95	1.99	1.99
Field Moisture Content %	23.5	25.7	25.5	25.7	25.1
Field Dry Density (FDD) t/m ³	1.59	1.57	1.56	1.58	1.59
Peak Converted Wet Density t/m ³	1.95	2.00	1.96	1.99	1.99
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**	**
Moisture Ratio % (AS 1289.5.4.1)	93.0	90.5	91.5	88.5	91.5
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**	**	**	**	**
Moisture Variation (Wv) %	1.5	2.5	2.0	3.0	2.0
Adjusted Moisture Variation %	**	**	**	**	**
Hilf Density Ratio (%)	100.5	99.0	99.5	100.0	99.5
Compaction Method	Standard	Standard	Standard	Standard	Standard

Moisture Variation Note:

Positive values = test is dry of OMC
 Negative values = test is wet of OMC

PLAN – LOCATION OF TEST SITES: Honour Village Wetlands Stage 2 CLYDE NORTH



● Denotes Test Locations

THIS SKETCH IS NOT INTENDED TO BE AN ACCURATE DEPICTION OF THE NUMBER, SIZE OR LOCATION OF TREES AND/OR SHRUBS

NOT TO SCALE

Material Test Report

Report Number: 1190228-98
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: Plan Added
Date Issued: 11/10/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Project Location: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Work Request: 4382
Date Sampled: 08/10/2019 7:30
Dates Tested: 08/10/2019 - 09/10/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction

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Approved Signatory: Scott Flood
 Laboratory Manager
 NATA Accredited Laboratory Number: 790

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1						
Sample Number	192-4382A	192-4382B	192-4382C	192-4382D	192-4382E	192-4382F
Date Tested	08/10/2019	08/10/2019	08/10/2019	08/10/2019	08/10/2019	08/10/2019
Time Tested	02:00	02:05	02:10	02:15	02:20	02:25
Test Request #/Location	Lots 625/626	Lots 621/622	Lot 628	Lots 629/630	Lots 508/509	Lot 511
Chainage (m)	**	**	**	**	**	**
Location Offset (m)	**	**	**	**	**	**
Layer / Reduced Level	400mm Below F.S	400mm Below F.S	600mm Below F.S	600mm Below F.S	F.S	F.S
Thickness of Layer (mm)	300	300	300	300	300	300
Soil Description	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty
Test Depth (mm)	275	275	275	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0.0	0.0	0.0	0.0	0.0	0.0
Field Wet Density (FWD) t/m ³	1.98	2.00	1.97	1.99	2.00	1.97
Field Moisture Content %	28.0	26.7	28.5	26.8	26.6	29.9
Field Dry Density (FDD) t/m ³	1.55	1.58	1.54	1.57	1.58	1.52
Peak Converted Wet Density t/m ³	2.00	2.03	2.00	2.02	2.02	2.01
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**	**	**
Moisture Ratio % (AS 1289.5.4.1)	96.5	97.0	98.5	97.0	97.0	97.5
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**	**	**	**	**	**
Moisture Variation (Wv) %	1.0	0.5	0.5	1.0	0.5	0.5
Adjusted Moisture Variation %	**	**	**	**	**	**
Hilf Density Ratio (%)	99.0	98.5	99.0	98.5	99.0	98.5
Compaction Method	Standard	Standard	Standard	Standard	Standard	Standard

Moisture Variation Note:

Positive values = test is dry of OMC
 Negative values = test is wet of OMC

Material Test Report

Report Number: 1190228-98
Issue Number: 2 - *This version supersedes all previous issues*
Reissue Reason: *Plan Added*
Date Issued: 11/10/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Project Location: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Work Request: 4382
Date Sampled: 08/10/2019 7:30
Dates Tested: 08/10/2019 - 09/10/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction

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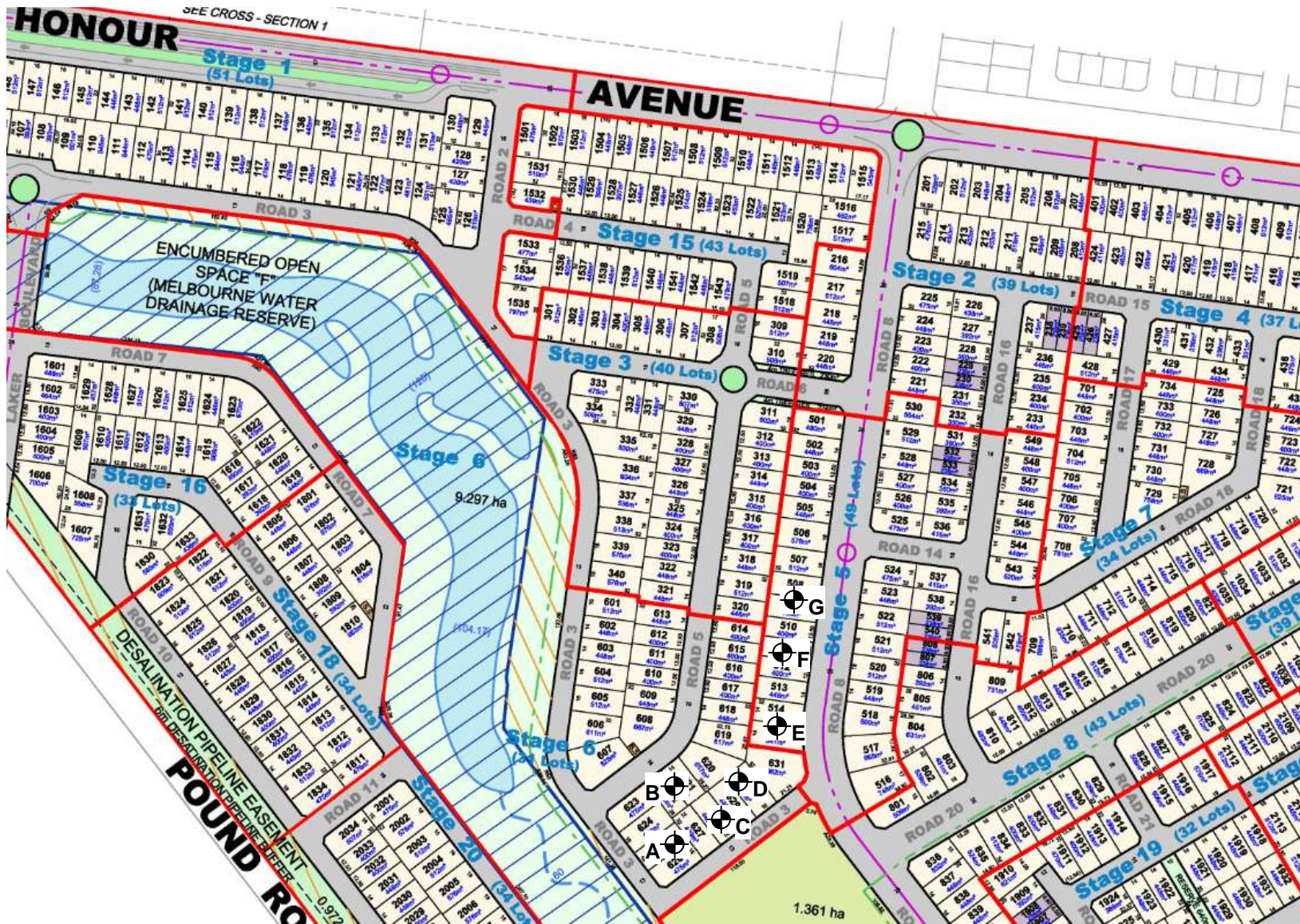


Approved Signatory: Scott Flood
 Laboratory Manager
 NATA Accredited Laboratory Number: 790

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1	
Sample Number	192-4382G
Date Tested	08/10/2019
Time Tested	02:30
Test Request #/Location	Lots 514/515
Chainage (m)	**
Location Offset (m)	**
Layer / Reduced Level	F.S
Thickness of Layer (mm)	300
Soil Description	CLAY sandy silty
Test Depth (mm)	275
Sieve used to determine oversize (mm)	19.0
Percentage of Wet Oversize (%)	0.0
Field Wet Density (FWD) t/m ³	1.97
Field Moisture Content %	28.8
Field Dry Density (FDD) t/m ³	1.53
Peak Converted Wet Density t/m ³	2.00
Adjusted Peak Converted Wet Density t/m ³	**
Moisture Ratio % (AS 1289.5.4.1)	97.5
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**
Moisture Variation (Wv) %	0.5
Adjusted Moisture Variation %	**
Hilf Density Ratio (%)	98.5
Compaction Method	Standard

Moisture Variation Note:
 Positive values = test is dry of OMC
 Negative values = test is wet of OMC

LOCATION OF TEST SITES: HONOUR VILLAGE STAGE 2, CLYDE NORTH



⊕ Denotes Test Locations

THIS SKETCH IS NOT INTENDED TO BE AN ACCURATE DEPICTION OF THE NUMBER, SIZE OR LOCATION OF TREES AND/OR SHRUBS

NOT TO SCALE

Material Test Report

Report Number: 1190228-100
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: Plan Added
Date Issued: 16/10/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Project Location: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Work Request: 4383
Date Sampled: 09/10/2019 7:30
Dates Tested: 09/10/2019 - 11/10/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction

Civiltest Pty Ltd
 Mitcham Laboratory
 Unit 7/38 Thornton Crescent Mitcham Vic 3132
 Phone: (03) 9874 5844
 Email: scott.flood@civilttest.com.au

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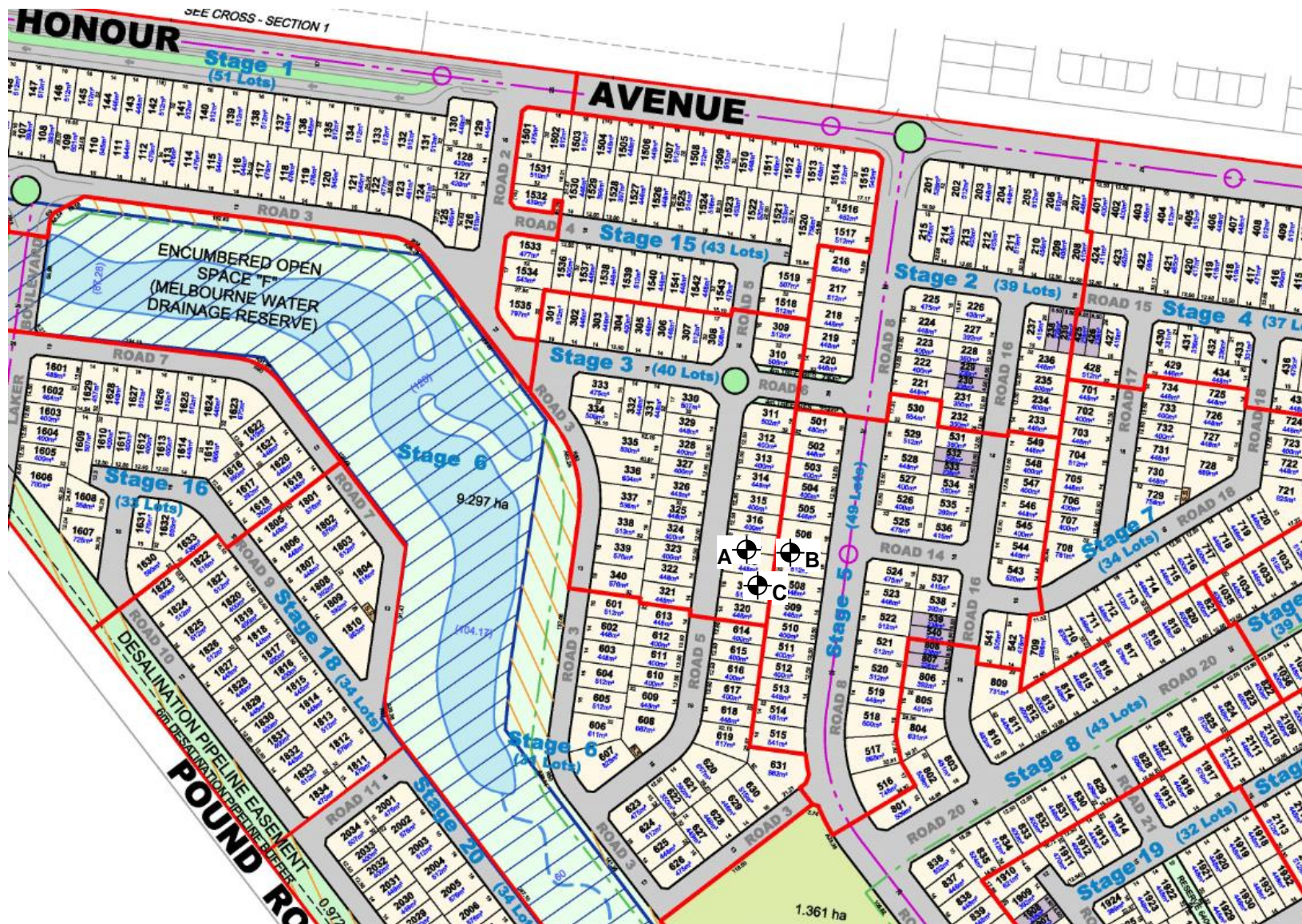


Approved Signatory: Scott Flood
 Laboratory Manager
 NATA Accredited Laboratory Number: 790

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1			
Sample Number	192-4383A	192-4383B	192-4383C
Date Tested	09/10/2019	09/10/2019	09/10/2019
Time Tested	15:10	15:14	15:31
Test Request #/Location	Lots 317/318	Lot 507	Lot 319
Chainage (m)	**	**	**
Location Offset (m)	**	**	**
Layer / Reduced Level	F.S	F.S	F.S
Thickness of Layer (mm)	300	300	300
Soil Description	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty
Test Depth (mm)	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0.0	0.0	0.0
Field Wet Density (FWD) t/m ³	1.98	1.99	1.98
Field Moisture Content %	27.9	27.1	27.1
Field Dry Density (FDD) t/m ³	1.55	1.57	1.56
Peak Converted Wet Density t/m ³	2.00	2.02	2.01
Adjusted Peak Converted Wet Density t/m ³	**	**	**
Moisture Ratio % (AS 1289.5.4.1)	98.0	97.0	97.0
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**	**	**
Moisture Variation (Wv) %	0.5	1.0	1.0
Adjusted Moisture Variation %	**	**	**
Hilf Density Ratio (%)	99.0	98.5	98.5
Compaction Method	Standard	Standard	Standard

Moisture Variation Note:
 Positive values = test is dry of OMC
 Negative values = test is wet of OMC

LOCATION OF TEST SITES: HONOUR VILLAGE STAGE 2, CLYDE NORTH



 Denotes Test Locations

THIS SKETCH IS NOT INTENDED TO BE AN ACCURATE DEPICTION OF THE NUMBER, SIZE OR LOCATION OF TREES AND/OR SHRUBS

NOT TO SCALE



Material Test Report



Report Number: 2210348-13
Issue Number: 1
Date Issued: 27/08/2021
Client: Bayport Civil Pty Ltd
 55 Colemans Road, CARRUM DOWNS VIC 3201
Contact: Drew
Project Number: 2210348
Project Name: Honour Village Estate, CLYDE NORTH
Project Location: Honour Village Estate, CLYDE NORTH
Work Request: 10962
Date Sampled: 25/08/2021 08:40
Dates Tested: 25/08/2021 - 26/08/2021
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction
Site Selection: Selected by Client
Location: Honour Village Estate, CLYDE NORTH
Material: Mudstone
Material Source: Site Derived

Civiltest Pty Ltd
 Mitcham Laboratory
 Unit 7/38 Thornton Crescent Mitcham Vic 3132
 Phone: (03) 9874 5844
 Email: Phil.morgans@civilttest.com.au

Accredited for compliance with ISO/IEC 17025 - Testing



Approved Signatory: Phil Morgans
Branch Manager

NATA Accredited Laboratory Number: 790

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1

	212-10962A	212-10962B	212-10962C	212-10962D
Sample Number	212-10962A	212-10962B	212-10962C	212-10962D
Date Tested	25/08/2021	25/08/2021	25/08/2021	25/08/2021
Time Tested	08:45	09:00	09:06	09:11
Test Request #/Location	Lot 1511	Lot 237	Lot236	Lot 233/234
Chainage (m)	**	**	**	**
Location Offset (m)	**	**	**	**
Layer / Reduced Level	800 Below Fs	Finished Surface	Finished Surface	Finished Surface
Thickness of Layer (mm)	300	300	300	300
Soil Description	Mudstone	Mudstone	Mudstone	Mudstone
Test Depth (mm)	275	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	0	0
Field Wet Density (FWD) t/m ³	2.03	2.08	2.16	2.05
Field Moisture Content %	25.4	18.1	16.3	15.6
Field Dry Density (FDD) t/m ³	1.62	1.76	1.86	1.77
Peak Converted Wet Density t/m ³	2.03	2.04	2.11	2.08
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**
Moisture Variation (Wv) %	-1.0	0.0	-0.5	0.0
Adjusted Moisture Variation %	**	**	**	**
Hilf Density Ratio (%)	100.0	102.0	102.5	98.5
Compaction Method	Standard	Standard	Standard	Standard
Report Remarks	**	**	**	**

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC

Material Test Report

Report Number: 2210348-13
Issue Number: 1
Date Issued: 27/08/2021
Client: Bayport Civil Pty Ltd
 55 Colemans Road, CARRUM DOWNS VIC 3201
Contact: Drew
Project Number: 2210348
Project Name: Honour Village Estate, CLYDE NORTH
Project Location: Honour Village Estate, CLYDE NORTH
Work Request: 10962
Date Sampled: 25/08/2021 08:40
Dates Tested: 25/08/2021 - 26/08/2021
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction
Site Selection: Selected by Client
Location: Honour Village Estate, CLYDE NORTH
Material: Mudstone
Material Source: Site Derived



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Approved Signatory: Phil Morgans
 Branch Manager

NATA Accredited Laboratory Number: 790

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1			
Sample Number	212-10962E	212-10962F	212-10962G
Date Tested	25/08/2021	25/08/2021	25/08/2021
Time Tested	09:21	09:29	09:38
Test Request #/Location	Lot 548	Lot 703	Lot 428
Chainage (m)	**	**	**
Location Offset (m)	**	**	**
Layer / Reduced Level	Finished Surface	Finished Surface	Finished Surface
Thickness of Layer (mm)	300	300	300
Soil Description	Mudstone	Mudstone	Mudstone
Test Depth (mm)	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	0
Field Wet Density (FWD) t/m ³	2.02	2.06	2.10
Field Moisture Content %	19.7	21.6	18.6
Field Dry Density (FDD) t/m ³	1.69	1.70	1.77
Peak Converted Wet Density t/m ³	2.04	2.02	2.04
Adjusted Peak Converted Wet Density t/m ³	**	**	**
Moisture Variation (Wv) %	1.5	-0.5	0.0
Adjusted Moisture Variation %	**	**	**
Hilf Density Ratio (%)	99.5	102.0	103.0
Compaction Method	Standard	Standard	Standard
Report Remarks	**	**	**

Moisture Variation Note:

Positive values = test is dry of OMC
 Negative values = test is wet of OMC

Material Test Report

Report Number: 1190228-114
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: Plan Added
Date Issued: 01/11/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Project Location: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Work Request: 4589
Date Sampled: 29/10/2019 7:30
Dates Tested: 29/10/2019 - 30/10/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction

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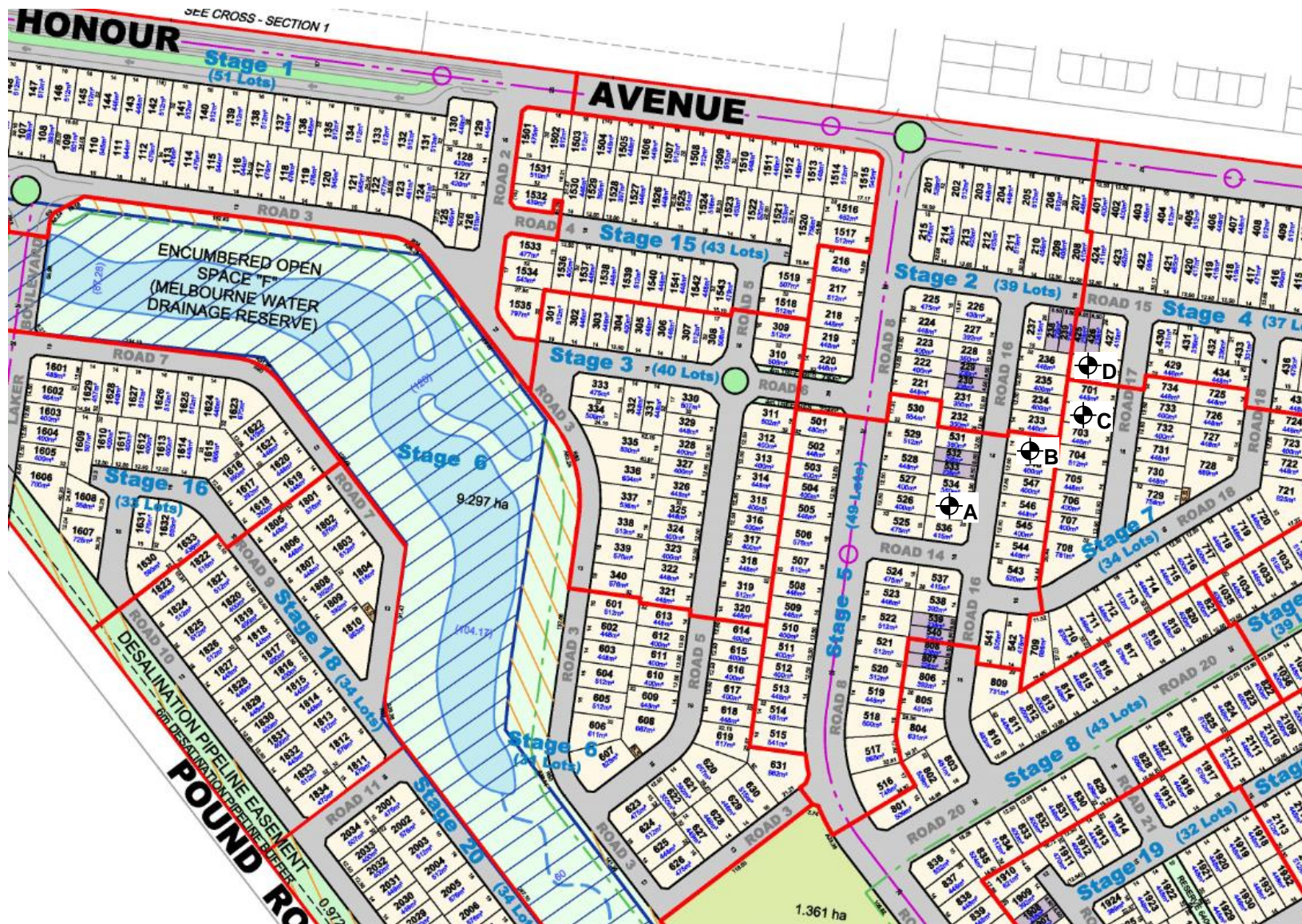
Approved Signatory: Scott Flood
 Laboratory Manager
 NATA Accredited Laboratory Number: 790

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1				
Sample Number	192-4589A	192-4589B	192-4589C	192-4589D
Date Tested	29/10/2019	29/10/2019	29/10/2019	29/10/2019
Time Tested	08:00	08:20	08:25	08:30
Test Request #/Location	Lot 535	Lot 549	Lot 702	Lot 428
Chainage (m)	**	**	**	**
Location Offset (m)	**	**	**	**
Layer / Reduced Level	F/L	750mm Below F.S	1.9m Below F.S	1.9m Below F.S
Thickness of Layer (mm)	300	300	300	300
Soil Description	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty
Test Depth (mm)	275	275	275	275
Sieve used to determine oversize (mm)	37.5	37.5	37.5	37.5
Percentage of Wet Oversize (%)	0.0	0.0	0.0	0.0
Field Wet Density (FWD) t/m ³	1.99	1.98	1.99	2.00
Field Moisture Content %	28.7	31.7	26.1	29.2
Field Dry Density (FDD) t/m ³	1.55	1.50	1.58	1.55
Peak Converted Wet Density t/m ³	2.01	2.01	2.01	2.01
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**
Moisture Ratio % (AS 1289.5.4.1)	99.5	99.0	98.5	98.5
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**	**	**	**
Moisture Variation (Wv) %	0.0	0.5	0.5	0.5
Adjusted Moisture Variation %	**	**	**	**
Hilf Density Ratio (%)	99.5	98.5	99.0	99.0
Compaction Method	Standard	Standard	Standard	Standard

Moisture Variation Note:

Positive values = test is dry of OMC
 Negative values = test is wet of OMC

LOCATION OF TEST SITES: HONOUR VILLAGE STAGE 2, CLYDE NORTH



⊕ Denotes Test Locations

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NOT TO SCALE

Material Test Report

Report Number: 2210348-14
Issue Number: 1
Date Issued: 01/09/2021
Client: Bayport Civil Pty Ltd
 55 Colemans Road, CARRUM DOWNS VIC 3201
Contact: Drew
Project Number: 2210348
Project Name: Honour Village Estate, CLYDE NORTH
Project Location: Honour Village Estate, CLYDE NORTH
Work Request: 10996
Date Sampled: 27/08/2021 7:30
Dates Tested: 27/08/2021 - 30/08/2021
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction
Site Selection: Selected by Client
Location: Honour Village Estate, CLYDE NORTH
Material Source: Site Derived



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Approved Signatory: Phil Morgans
 Branch Manager

NATA Accredited Laboratory Number: 790

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1			
Sample Number	212-10996A	212-10996B	212-10996C
Date Tested	27/08/2021	27/08/2021	27/08/2021
Time Tested	11:36	11:55	14:51
Test Request #/Location	Lot 805/806	Lot 1540	Lot 538/539
Chainage (m)	**	**	**
Location Offset (m)	**	**	**
Layer / Reduced Level	600 below FS	800 below FS	300 below Fs
Thickness of Layer (mm)	300	300	300
Soil Description	Mudstone	Mudstone	Mudstone
Test Depth (mm)	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0
Percentage of Wet Oversize (%)	11	0	13
Field Wet Density (FWD) t/m ³	2.04	2.04	2.16
Field Moisture Content %	16.2	21.1	19.6
Field Dry Density (FDD) t/m ³	1.75	1.69	1.81
Peak Converted Wet Density t/m ³	**	2.06	**
Adjusted Peak Converted Wet Density t/m ³	2.05	**	2.09
Moisture Variation (Wv) %	**	-2.0	**
Adjusted Moisture Variation %	1.5	**	-0.5
Hilf Density Ratio (%)	99.5	99.0	103.0
Compaction Method	Standard	Standard	Standard
Report Remarks	**	**	**

Moisture Variation Note:

Positive values = test is dry of OMC
 Negative values = test is wet of OMC