



**RECORD OF TITLE
UNDER LAND TRANSFER ACT 2017
FREEHOLD
Search Copy**




R. W. Muir
Registrar-General
of Land

Identifier 943493
Land Registration District North Auckland
Date Issued 30 March 2021

Prior References
889165

Estate Fee Simple
Area 1.0002 hectares more or less
Legal Description Lot 123 Deposited Plan 549093

Registered Owners
Harbour View Heights LP

Interests

Subject to a water supply right (in gross) over part marked D on DP 549093 in favour of Watercare Services Limited created by Transfer B383694.1 - 20.2.1985 at 2:35 pm
11358765.1 Mortgage to Ikon Building Co-operation Limited - 14.2.2019 at 6:01 pm
11360032.1 Variation of Mortgage 11358765.1 - 15.2.2019 at 12:15 pm
Land Covenant in Covenant Instrument 11759255.13 - 26.5.2020 at 2:33 pm (Limited as to duration)
11839802.5 Consent Notice pursuant to Section 221 Resource Management Act 1991 - 30.3.2021 at 4:17 pm
11839802.13 CAVEAT BY VECTOR LIMITED - 30.3.2021 at 4:17 pm



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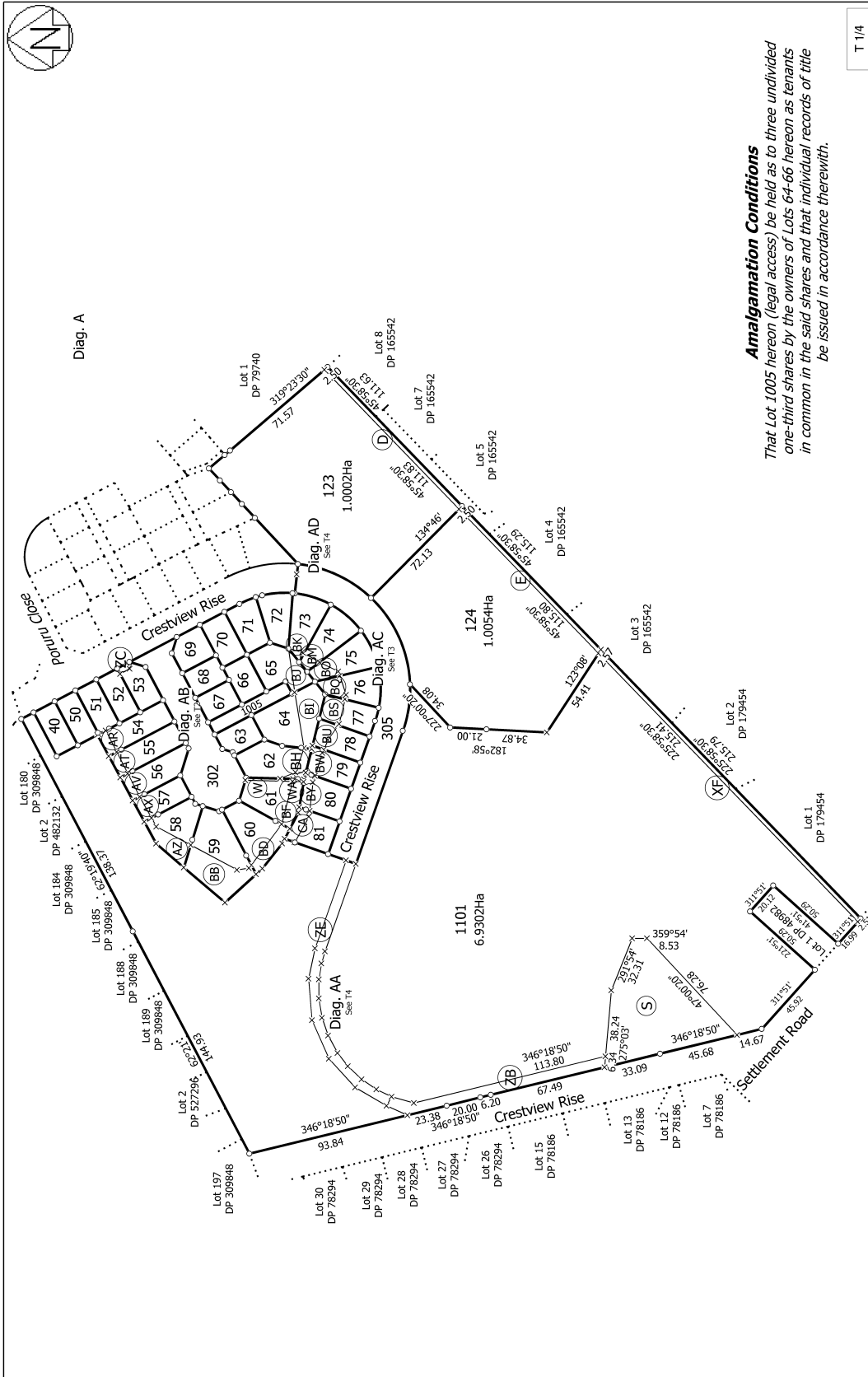
Prior References
889165

Estate Fee Simple
Area 1.0054 hectares more or less
Legal Description Lot 124 Deposited Plan 549093

Registered Owners
Harbour View Heights LP

Interests

Subject to a water supply right (in gross) over part marked E on DP 549093 in favour of Watercare Services Limited created by Transfer B383694.1 - 20.2.1985 at 2:35 pm
11358765.1 Mortgage to Ikon Building Co-operation Limited - 14.2.2019 at 6:01 pm
11360032.1 Variation of Mortgage 11358765.1 - 15.2.2019 at 12:15 pm
Land Covenant in Covenant Instrument 11759255.13 - 26.5.2020 at 2:33 pm (Limited as to duration)
11839802.5 Consent Notice pursuant to Section 221 Resource Management Act 1991 - 30.3.2021 at 4:17 pm
11839802.13 CAVEAT BY VECTOR LIMITED - 30.3.2021 at 4:17 pm



Amalgamation Conditions
 That Lot 1005 hereon (legal access) be held as to three undivided one-third shares by the owners of Lots 64-66 hereon as tenants in common in the said shares and that individual records of title be issued in accordance therewith.

Land District: North Auckland	Surveyor: Arthur Ben Harper Firm: Survey Worx LT Ltd	Title Plan LT 549093 Approved on: 24/12/2020	T 1/4
Lots 40, 50-81, 123, 124, 302, 305, 1005 and 1101 being a subdivision of Lots 1000 and 1001 DP 536250		Digitally Generated Plan Generated on: 24/12/2020 12:46am Page 5 of 8	



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R. W. Muir
Registrar-General
of Land

Identifier **1034192**
Land Registration District **North Auckland**
Date Issued 20 December 2022

Prior References
1021057

Estate Fee Simple
Area 1.2673 hectares more or less
Legal Description Lot 125 Deposited Plan 571188

Registered Owners
Harbour View Heights LP

Interests

Subject to a water supply right (in gross) over part marked F on DP 568174 in favour of Watercare Services Limited created by Transfer B383694.1 - 20.2.1985 at 2:35 pm

11358765.1 Mortgage to Ikon Building Co-operation Limited - 14.2.2019 at 6:01 pm

11360032.1 Variation of Mortgage 11358765.1 - 15.2.2019 at 12:15 pm

Land Covenant in Covenant Instrument 11759255.13 - 26.5.2020 at 2:33 pm (Limited as to duration)

Land Covenant in Covenant Instrument 11839802.10 - 30.3.2021 at 4:17 pm

Land Covenant in Covenant Instrument 12495531.8 - 12.10.2022 at 3:59 pm (Limited as to duration)

Land Covenant in Covenant Instrument 12495590.5 - 10.11.2022 at 7:21 am (Limited as to duration)

12558791.6 Consent Notice pursuant to Section 221 Resource Management Act 1991 - 20.12.2022 at 8:53 am

Land Covenant in Covenant Instrument 12558791.9 - 20.12.2022 at 8:53 am



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R. W. Muir
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of Land

Identifier **1034193**
Land Registration District **North Auckland**
Date Issued 20 December 2022

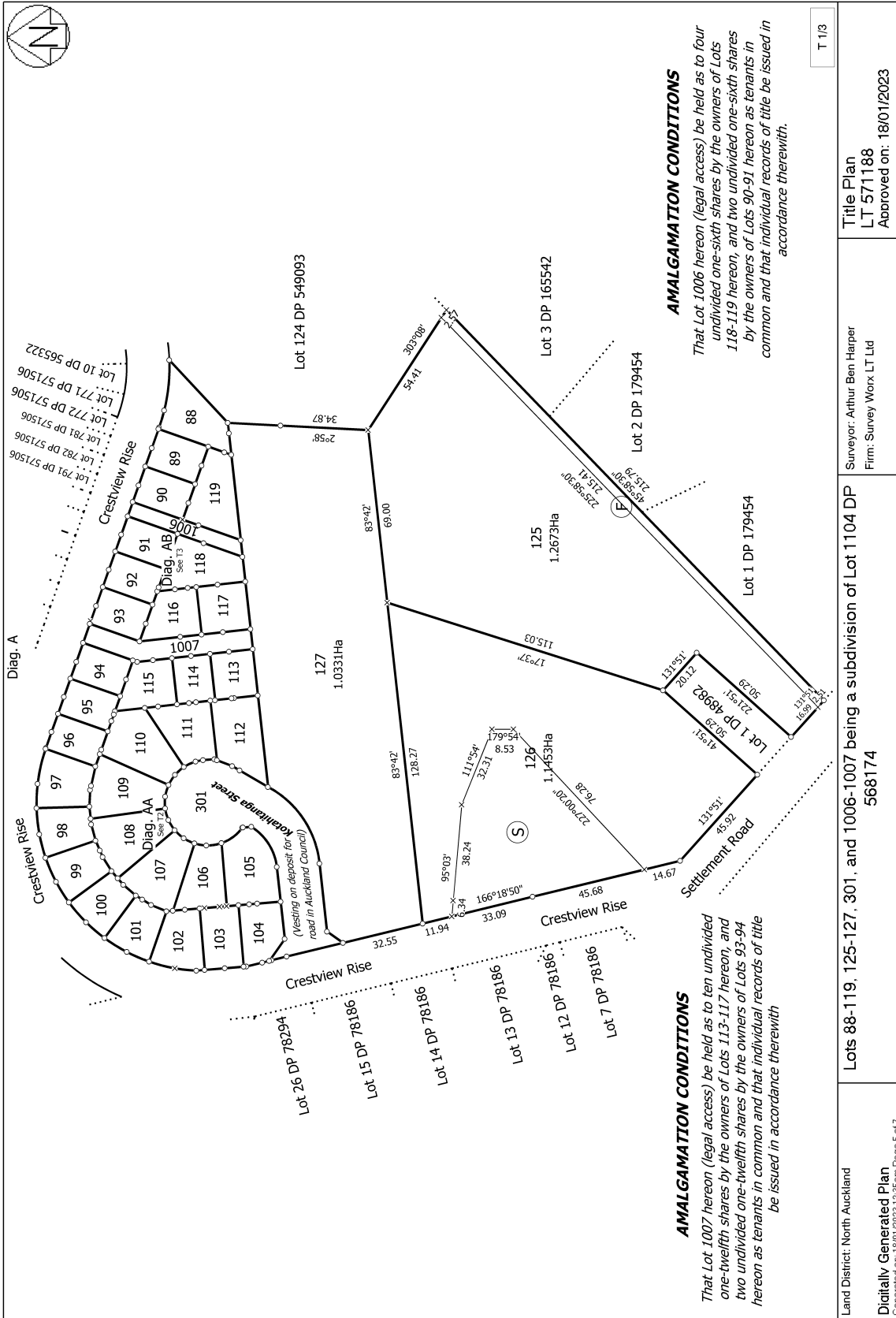
Prior References
1021057

Estate Fee Simple
Area 1.1453 hectares more or less
Legal Description Lot 126 Deposited Plan 571188

Registered Owners
Harbour View Heights LP

Interests

11358765.1 Mortgage to Ikon Building Co-operation Limited - 14.2.2019 at 6:01 pm
11360032.1 Variation of Mortgage 11358765.1 - 15.2.2019 at 12:15 pm
Subject to a right (in gross) to drain storm water over part marked S on DP 568174 in favour of Auckland Council created by Easement Instrument 11759255.8 - 26.5.2020 at 2:33 pm
The easements created by Easement Instrument 11759255.8 are subject to Section 243 (a) Resource Management Act 1991
Land Covenant in Covenant Instrument 11759255.13 - 26.5.2020 at 2:33 pm (Limited as to duration)
Land Covenant in Covenant Instrument 11839802.10 - 30.3.2021 at 4:17 pm
Land Covenant in Covenant Instrument 12495531.8 - 12.10.2022 at 3:59 pm (Limited as to duration)
Land Covenant in Covenant Instrument 12495590.5 - 10.11.2022 at 7:21 am (Limited as to duration)
12558791.6 Consent Notice pursuant to Section 221 Resource Management Act 1991 - 20.12.2022 at 8:53 am
Land Covenant in Covenant Instrument 12558791.9 - 20.12.2022 at 8:53 am





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Registrar-General
of Land

Identifier **1034194**
Land Registration District **North Auckland**
Date Issued 20 December 2022

Prior References
1021057

Estate Fee Simple
Area 1.0331 hectares more or less
Legal Description Lot 127 Deposited Plan 571188

Registered Owners
Harbour View Heights LP

Interests

C654181.6 Consent Notice pursuant to Section 221(1) Resource Management Act 1991 - 14.9.1994 at 10:34 am (affects part formerly Lot 5 DP 160486)
11358765.1 Mortgage to Ikon Building Co-operation Limited - 14.2.2019 at 6:01 pm
11360032.1 Variation of Mortgage 11358765.1 - 15.2.2019 at 12:15 pm
Land Covenant in Covenant Instrument 11759255.13 - 26.5.2020 at 2:33 pm (Limited as to duration)
Land Covenant in Covenant Instrument 11839802.10 - 30.3.2021 at 4:17 pm
Land Covenant in Covenant Instrument 12495531.8 - 12.10.2022 at 3:59 pm (Limited as to duration)
Land Covenant in Covenant Instrument 12495590.5 - 10.11.2022 at 7:21 am (Limited as to duration)
12558791.6 Consent Notice pursuant to Section 221 Resource Management Act 1991 - 20.12.2022 at 8:53 am
Land Covenant in Covenant Instrument 12558791.9 - 20.12.2022 at 8:53 am



View Instrument Details

Instrument No. 11759255.8
 Status Registered
 Date & Time Lodged 26 May 2020 14:33
 Lodged By Hakiwai, Tanya-Marie
 Instrument Type Easement Instrument



Affected Records of Title	Land District
889097	North Auckland
889167	North Auckland
889165	North Auckland

Annexure Schedule Contains 23 Pages.

Grantor Certifications

- I certify that I have the authority to act for the Grantor and that the party has the legal capacity to authorise me to lodge this instrument
- I certify that I have taken reasonable steps to confirm the identity of the person who gave me authority to lodge this instrument
- I certify that any statutory provisions specified by the Registrar for this class of instrument have been complied with or do not apply
- I certify that I hold evidence showing the truth of the certifications I have given and will retain that evidence for the prescribed period
- I certify that the Charge Holder under Statutory Land Charge 11624570.1 has consented to this transaction and I hold that consent
- I certify that the Mortgagee under Mortgage 11358765.1 has consented to this transaction and I hold that consent
- I certify that the Mortgagee under Mortgage 11427457.1 has consented to this transaction and I hold that consent
- I certify that the Encumbrancee under Encumbrance C654181.10 has consented to this transaction and I hold that consent
- I certify that the Encumbrancee under Encumbrance C654181.9 has consented to this transaction and I hold that consent

Signature

Signed by Richard James Beca as Grantor Representative on 16/04/2020 02:19 PM

Grantee Certifications

- I certify that I have the authority to act for the Grantee and that the party has the legal capacity to authorise me to lodge this instrument
- I certify that I have taken reasonable steps to confirm the identity of the person who gave me authority to lodge this instrument
- I certify that any statutory provisions specified by the Registrar for this class of instrument have been complied with or do not apply
- I certify that I hold evidence showing the truth of the certifications I have given and will retain that evidence for the prescribed period

Signature

Signed by Deborah Jane Miller as Grantee Representative on 11/05/2020 08:49 AM

*** End of Report ***

Easement instrument to grant easement

(Section 109 Land Transfer Act 2017)

Grantor

Harbour View Heights LP

Grantee

Auckland Council

Grant of easement

The Grantor being the registered owner of the burdened land set out in Schedule A grants to the Grantee (and, if so stated, in gross) the easement(s) set out in Schedule A, with the rights and powers or provisions set out in the Annexure Schedule(s).

Schedule A
required
Continue in additional Annexure Schedule, if required

Purpose of Easement	Shown (plan reference)	Burdened Land (Record of Title)	Benefited Land (Record of Title) or in gross
Right to Drain Storm Water	"S" on Deposited Plan 536250	889165 as to Lot 1001 on Deposited Plan 536250	In gross
Right to Drain Water	"U" on Deposited Plan 536250	889097	In gross
	"V" on Deposited Plan 536250	889167 as to Lot 128 on Deposited Plan 536250	In gross

Annexure Schedule

Page of Pages

Insert instrument type

Easement instrument to grant easement

Easements rights and powers (including terms, covenants and conditions)

Continue in additional Annexure Schedule, if required

The Implied rights and powers in Schedule 5 to the Land Transfer Regulations 2018 ("Regulation Schedule") in respect of a Right to Drain Water apply to this Easement Instrument and are varied by the provisions set out in the Annexure Schedule.

Where there is a conflict between the provisions set out in the Annexure Schedule ("Modifications") and the provisions of the Regulation Schedule, the Modifications must prevail.

Annexure Schedule

Page 3 of 5 Pages

Insert instrument type

Easement instrument to grant easement

*(continue in additional Annexure Schedule if required)***Right to Drain Storm Water**

1. The term of this easement is 1,000 years from the date of this Instrument.
2. Clause 4 of the Regulation Schedule is negatived as to subclause (1)(a) and (2).
3. Clause 10(1)(b) of the Regulations Schedule is varied by omitting the words "and for which the Grantor has given prior consent" and clause 10(2) is negatived.
4. That without derogating from clause 10(3) of the Regulation Schedule:
 - (a) the Grantor shall not build, construct, erect or place any building or structure, including any gate or fence, nor undertake any work, including the creation of carparking or landscaping, nor deposit any fill on the easement facility or easement area, except as designed, constructed or performed to the satisfaction of the Grantee; and
 - (b) the Grantor shall not grant any easement or any other right over the easement area without the prior written consent of the Grantee which the Grantee may refuse where, acting reasonably, it believes that the granting of such easement or other right may interfere with the rights granted pursuant to this Instrument, or may grant consent on such conditions as it may reasonably require including as to the depth and location of any pipes, cables for electricity, gas and communication to be laid on in or through the easement area.
5. Clause 10(4) of the Regulation Schedule is preceded by the words "Except in exercise of the right to drain water".
6. Clauses 11(1)(2)(3)(6)(b) and (7), 12(6) and 12(7) of the Regulation Schedule are negatived.
7. Subject to clause 10, repair and maintenance of the easement facility vested in the Grantee is the responsibility of the Grantee.
8. For the purpose of restoration of the surface of the easement area after performing works on, or in the easement facility the Grantee shall be required only to restore the surface soil and grass the same and restore approved vehicle driveway and crossings to the standard prior to any such works.
9. Subject to clause 8 the Grantor shall maintain the easement area.
10. The Grantor must fulfil any conditions as to formation and repair and maintenance of the easement facility, or easement area required by this grant and by the Grantee in its regulatory capacity.
11. The easement facility and any structures, plant or equipment erected or installed by the Grantee on the easement area shall be the property of the Grantee.

Annexure Schedule

Page 4 of 5 Pages

Insert instrument type

Easement instrument to grant easement

12. Nothing contained or implied in this Instrument shall be construed so as:
- (a) to compel the Grantee to exercise all or any of the rights granted by this Instrument at any time and the Grantee may commence, discontinue or resume the exercise of all or any such rights at will;
 - (b) to abrogate, limit, restrict or abridge any of the rights, powers or remedies vested in the Grantee by statute.

Right to Drain Water

1. The term of this easement is 1,000 years from the date of this Instrument.
2. Clause 1 of the Regulation Schedule is negated as to the definition of Easement Facility for a right to drain water and replaced with the following:

"Easement Facility means the area of overland flowpath including any areas of detention ponding in the easement area."
3. Clause 4 of the Regulation Schedule is negated as to subclauses (1)(a), (2) and (3), and in sub-clause (1)(b) the words "over, along and" are inserted before the word "through"; and the words "and to detain water as required upon" are inserted after the word "through".
4. Clause 10(1)(b) of the Regulations Schedule is varied by omitting the words "and for which the Grantor has given prior consent" and clause 10(2) is negated.
5. Without derogating from clause 10(3) of the Regulation Schedule:
 - (a) the Grantor shall not build, construct, erect or place any building or structure, including any gate or fence, nor undertake any work, including the creation of carparking or landscaping, nor deposit any fill on the easement facility or easement area, except as designed, constructed or performed to the satisfaction of the Grantee;
 - (b) the Grantor shall not do or permit any work, or allow to remain any circumstances affecting the specific graded invert levels or profile of the overland flowpath, including any detention ponding, located or constructed on the easement facility or easement area and as depicted in the Stormwater Report prepared by Crang Civil Consulting Engineers dated August 2019 with the exclusion of Appendix C appearing on subsequent pages of this Annexure Schedule; and
 - (c) the Grantor shall keep the easement facility, or easement area clear and free at all times for the drainage of occasional flood waters; and
 - (d) the Grantor shall not grant any easement or any other right over the easement area without the prior written consent of the Grantee which the Grantee may refuse where, acting reasonably, it believes that the granting of such easement or other right may interfere with the rights granted pursuant to this Instrument, or may grant consent on such

Annexure Schedule

Page 5 of 5 Pages

*Insert instrument type***Easement instrument to grant easement**

conditions as it may reasonably require including as to the depth and location of any pipes, cables for electricity, gas and communication to be laid on in or through the easement area.

6. Clause 10(4) of the Regulation Schedule is preceded by the words "Except in exercise of the right to drain water".
7. Clauses 11(1)(2)(3)(6)(b) and (7), 12(6) and 12(7) of the Regulation Schedule are negated.
8. For the purpose of restoration of the surface of the easement area after performing works on, or in the easement facility the Grantee shall be required only to restore the surface soil and grass the same and restore approved vehicle driveway and crossings to the standard prior to any such works.
9. Subject to clause 8 the Grantor shall maintain the easement area.
10. The Grantor must fulfil any conditions as to formation and repair and maintenance of the easement facility, or easement area required by this grant and by the Grantee in its regulatory capacity.
11. Nothing contained or implied in this Instrument shall be construed so as:
 - (a) to compel the Grantee to exercise all or any of the rights granted by this Instrument at any time and the Grantee may commence, discontinue or resume the exercise of all or any such rights at will;
 - (b) to abrogate, limit, restrict or abridge any of the rights, powers or remedies vested in the Grantee by statute.



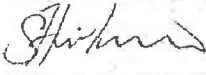
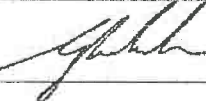
Auckland Council
SUB6023038-C - KEN HA
Approved by Delegated Officer
22/01/2020

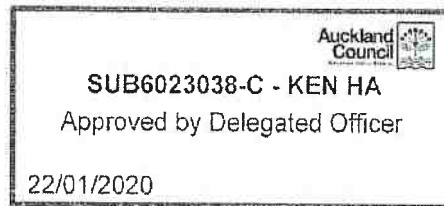
STORMWATER REPORT

162-166 Settlement Road

Stage 1 - Overland Flow - R1

Prepared for:
Harbour View Heights Ltd
August 2019

File Ref.	1152		
Report Name	162-166 Settlement Road – Stormwater Report - Stage 1 Overland Flow		
Report No.	1152- Stormwater Report - Stage 1 Overland Flow		
File Location	P:\1152 - RDL (Cook) - 162-166 Settlement Road, Papakura\6.0 Reports\6.3 Stormwater Report\ Overland Flow Path - Stage 1 August 2019		
Action	Personnel	Sign	Date
Prepared	Sarisha Hurrissunker Civil Engineer		30/08/19
Reviewed	Greg Richardson Senior Engineer		2/09/19



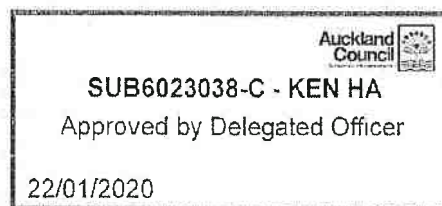
Document Revision Status				
Revision No.	Description	Section/ Page	Author	Date
0	Report for 224c	All	SH	30/08/19
1	Additional OLFP 1 Detail	Section 3	GR	27/11/19
2	Overland Flowpath Revised	Section 3, Appenices	GR	05/12/19

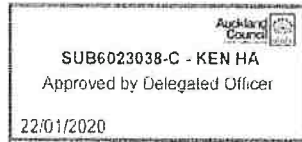
Contents

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2. Background Information.....	5
3. Stage 1 Overland Flow Path.....	7
4. Conclusion.....	9

Appendices

- Appendix A As Built Engineering Drawings
- Appendix B Overland Flow Model Outputs
- Appendix C Resource Consents for future development





1 Introduction

Crang Consulting Ltd has been commissioned by Harbour View Heights Ltd to complete a stormwater report in support of the 224c application for stage 1 of the site at 162-166 Settlement Road in Papakura.

This report provides details of the overland flow path located in stage 1 as required by subdivision consent (R/JSL/2016/276) condition 36 summarised below:

For each applicable stage, the consent holder is to provide a final stormwater report identifying:

- The 1% AEP flood level for the site and the surrounding road reserves
- A layout plan of the overland flow paths for the site and the adjacent land along the boundary
- The layout plan shall include the as-built cross sections of all roads including the ponding areas with levels before overtopping
- As-built longitudinal plan and cross sections for every 20m

Figure 1 shows the boundary for stage 1 and the overland flow paths for the entire subdivision.

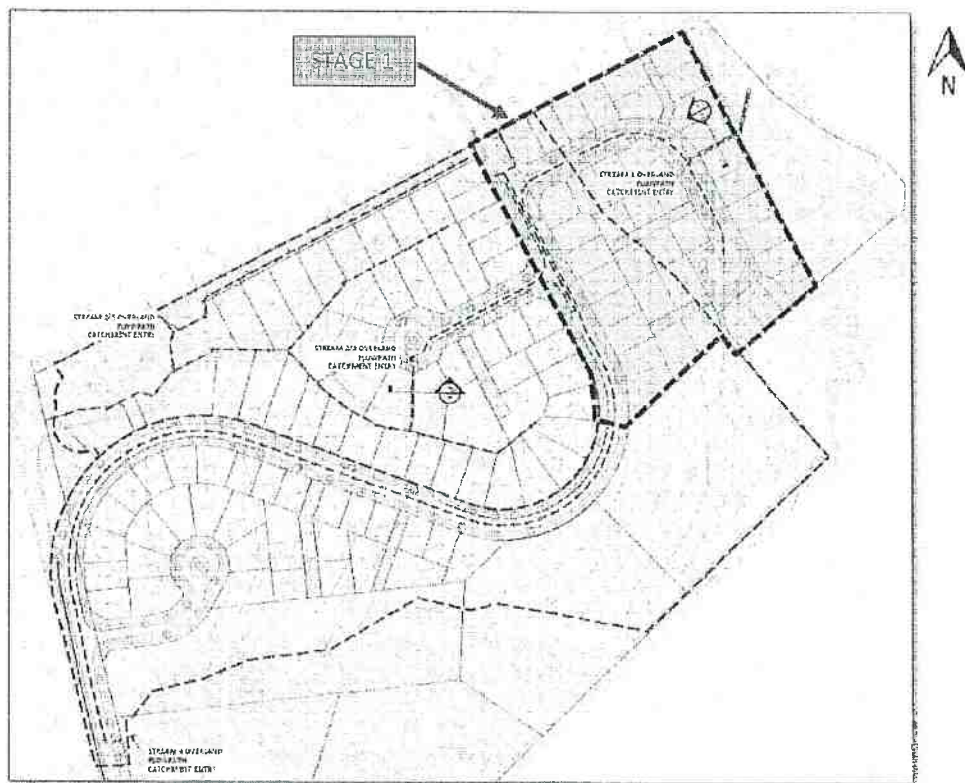


Figure 1: 162 – 166 Settlement Road Subdivision – Stage 1

2 Background Information

2.1 Stage 1 Primary Drainage


 SUB6023038-C - KEN HA Approved by Delegated Officer 22/01/2020

Figure 2 and drawing C400-1 in Appendix A shows the piped network constructed in stage 1 of the subdivision. The piped network caters for 10% AEP flows, including an increase of 2.1degrees for climate change and each catchment connects into the existing stormwater system at two separate locations.

Catchment 1 consists of pipes sizes ranging from 225mm to 525mm and connects to existing manhole EXMH Q9 located north of the development. Catchment 2 consists of pipes sizes ranging from 225mm to 750mm and discharges to the new wingwall 1.0 located south of the site. The 10% AEP flows will be retained within the new flood detention basin located on Lot 126 before entering the existing network via wingwall 1.1.

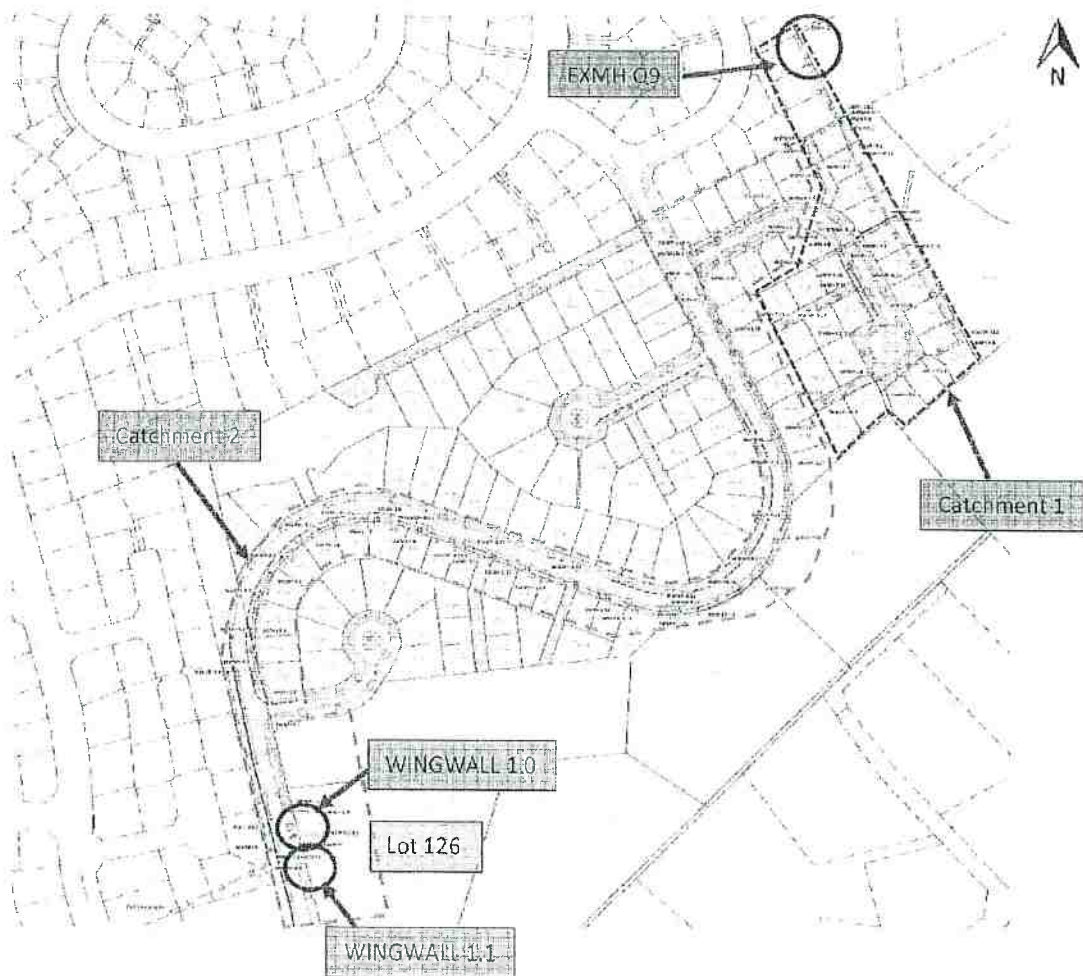


Figure 2. Stage 1 Primary Drainage

3 Stage 1 Overland Flow Path

Two separate overland flows paths are located within stage 1 of the development described below. For both overland flow paths, the flood depth is less than 200mm and is contained within the road reserve.

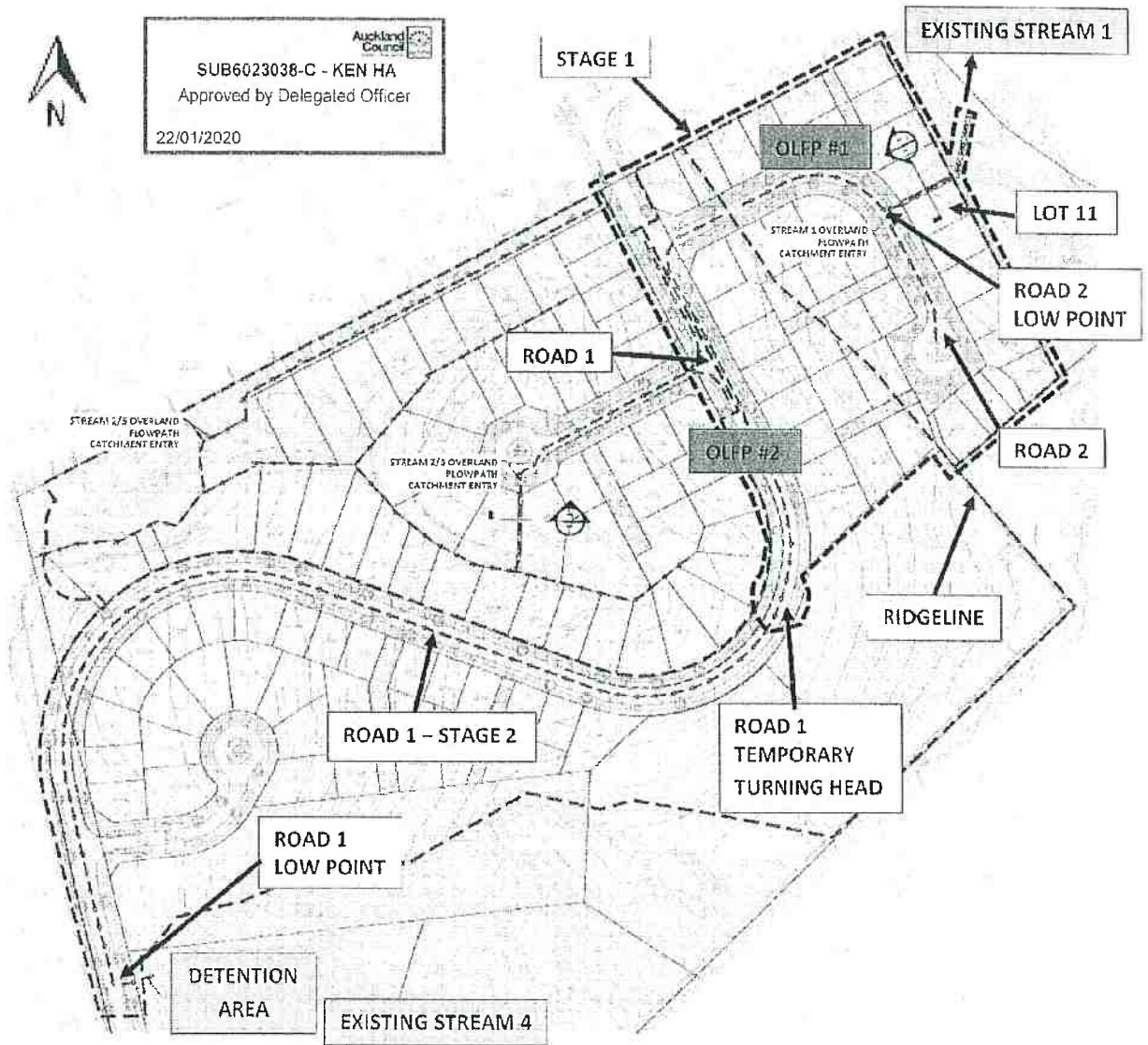


Figure 4: Stage 1 Overland Flow Paths

3.1 Overland Flow path #1

The contributing catchment of overland flow path #1 consists of the new lots and roading to the north of the ridgeline shown in figure 4. The 1% AEP flows will run along the kerb and channel to the low point on road 2. Double cesspits are located at the low point which have been designed to collect 1% AEP flows.

In the event of pipe blockage, 100 year flows will overtop the kerb and enter a trapezoidal channel located entirely within lot 11 and discharge overland into an existing stream. As built plans of road and channel are shown in Appendix A.

The design flow for the overland flow event assuming 100% blockage is 230l/s. The channel constructed on site has been as-built and the design flow modelled. Cross sections are shown in the as-built drawings with the model outputs also included for reference. This demonstrates that the overland flow will be contained within the channel with a minimum freeboard of 150mm.

A resource consent has been approved for subsequent development of the site. This consent is to re-contour the site elevations to form stepped platforms on lot 11. At the time of this work the proposed overland flow-path will also need to be re-shaped to ensure minimum 150mm freeboard can be achieved from the top of overland flow to the FFL in accordance with the SWCOP.

As this will form a new overland flow-path adding specific minimum floor level requirements at this point of time would be impractical as it would then need to be removed and replaced for consented work. We suggest that a general condition for reshaping and providing freeboard in accordance with 4.3.5.6 (c) of the SWCOP should be considered.

The consents for future development have been supplied in Appendix C for reference.

3.2 Overland Flow path #2

The entire contributing catchment of overland flow path #2 includes the area to the south of the ridgeline and to the east of Road 1. Only a portion of overland flow path #2 is located within stage 1 of the development.

Overland flow path #2 within stage 1 will run along the kerb and channel from the ridgeline of road 2 to the temporary turning head on Road 1. In the time between the completion of the temporary turning head and the construction of stage 2 roads, 100 year flows will overtop the kerb at the turning head and flow overland towards the natural contours.

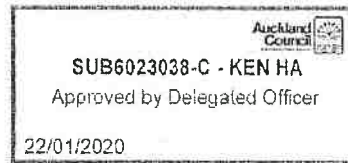
Once road 1 in stage 2 is completed and the turning head demolished, 1 % AEP flows will run along the kerb and channel to the low point on road 1 where it will overtop the kerb and enter the flood detention area adjacent to existing stream 4.

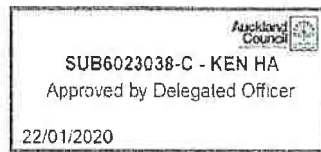


4 Conclusion

This stormwater report and as-built information in Appendix A confirms that stage 1 successfully meets condition 36 of the subdivision consent (R/JSL/2016/276).

As existing consents are approved for the subsequent development of the site a specific minimum floor level condition is impractical and a general condition which relates to the SWCOP should be considered.





APPENDIX A
AS BUILT ENGINEERING DRAWINGS



I certify that these plans have been prepared in accordance with the provisions of the Resource Management Act 1991 and the Land Use Act 1987, and that the information contained therein is true and correct to the best of my knowledge and belief.

[Signature]
 Name: **BRIAN PATRICK CONEY**
 Contact Phone: **09 343 6591**

Auckland Council
 SUB6023038-C - KEN HA
 Approved by Delegated Officer
 23/01/2010

NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR PERMIT	10/12/09	BC
2	REVISION		
3	REVISION		
4	REVISION		
5	REVISION		
6	REVISION		
7	REVISION		
8	REVISION		
9	REVISION		
10	REVISION		

Trimble
 SURVEY EQUIPMENT
 1000 SOUTH ROAD, PAPARUA, AUCKLAND, NZ
 09 343 6591

SURVEY WORX+
 CONSTRUCTION AND SURVEYING
 1000 SOUTH ROAD, PAPARUA, AUCKLAND, NZ
 09 343 6591

REGISTERED PROFESSIONAL SURVEYOR
 SURVEY AND SPATIAL
 1000 SOUTH ROAD, PAPARUA, AUCKLAND, NZ
 09 343 6591

CRANG CIVIL ENGINEERING
 162 - 166 SETTLEMENT ROAD
 PAPAOKURA

OVERALL LAND FLOW PATH LOCALITY PLAN

Auckland
Council

SUB6023038-C - KEN HA
Approved by Delegated Officer

22/01/2020

APPENDIX B
OVERLAND FLOW MODEL OUTPUTS

Channel Report

Hydraflow Express Extension for Autodesk® Civil 3D® by Autodesk, Inc.

Thursday, Dec 6, 2019


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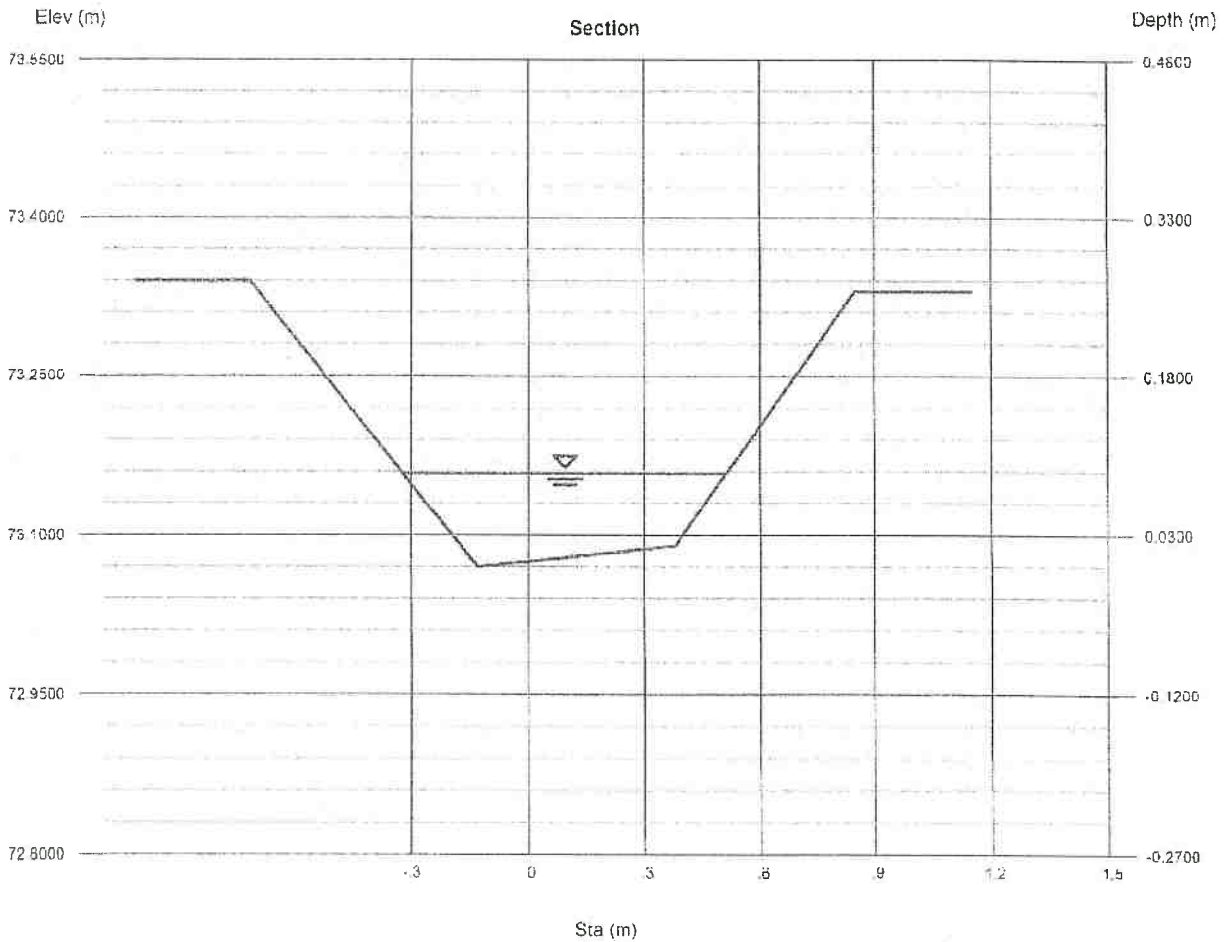
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 Slope (%) = 10.6000
 N-Value = 0.011

Calculations
 Compute by: Known Q
 Known Q (cms) = 0.2300

Highlighted
 Depth (m) = 0.0884
 Q (cms) = 0.230
 Area (sqm) = 0.0531
 Velocity (m/s) = 4.3317
 Wetted Perim (m) = 0.8732
 Crit Depth, Yc (m) = 0.2195
 Top Width (m) = 0.8371
 EGL (m) = 1.0455

{Sta, El, n}-{Sta, El, n}...
 (-0.7200, 73.3400)-(0.2400, 73.0900, 0.011)-(0.8500, 73.3300, 0.011)


SUB6023030-C - KEN HA
 Approved by Delegated Officer
 22/01/2020



Channel Report

Hydroflow Express Extension for Autodesk® Civil 3D® by Autodesk, Inc.

Thursday, Dec 5 2019

<Name>

User-defined
 Invert Elev (m) = 72.3500
 Slope (%) = 10.6000
 N-Value = 0.011

Calculations
 Compute by: Known Q
 Known Q (cms) = 0.2300

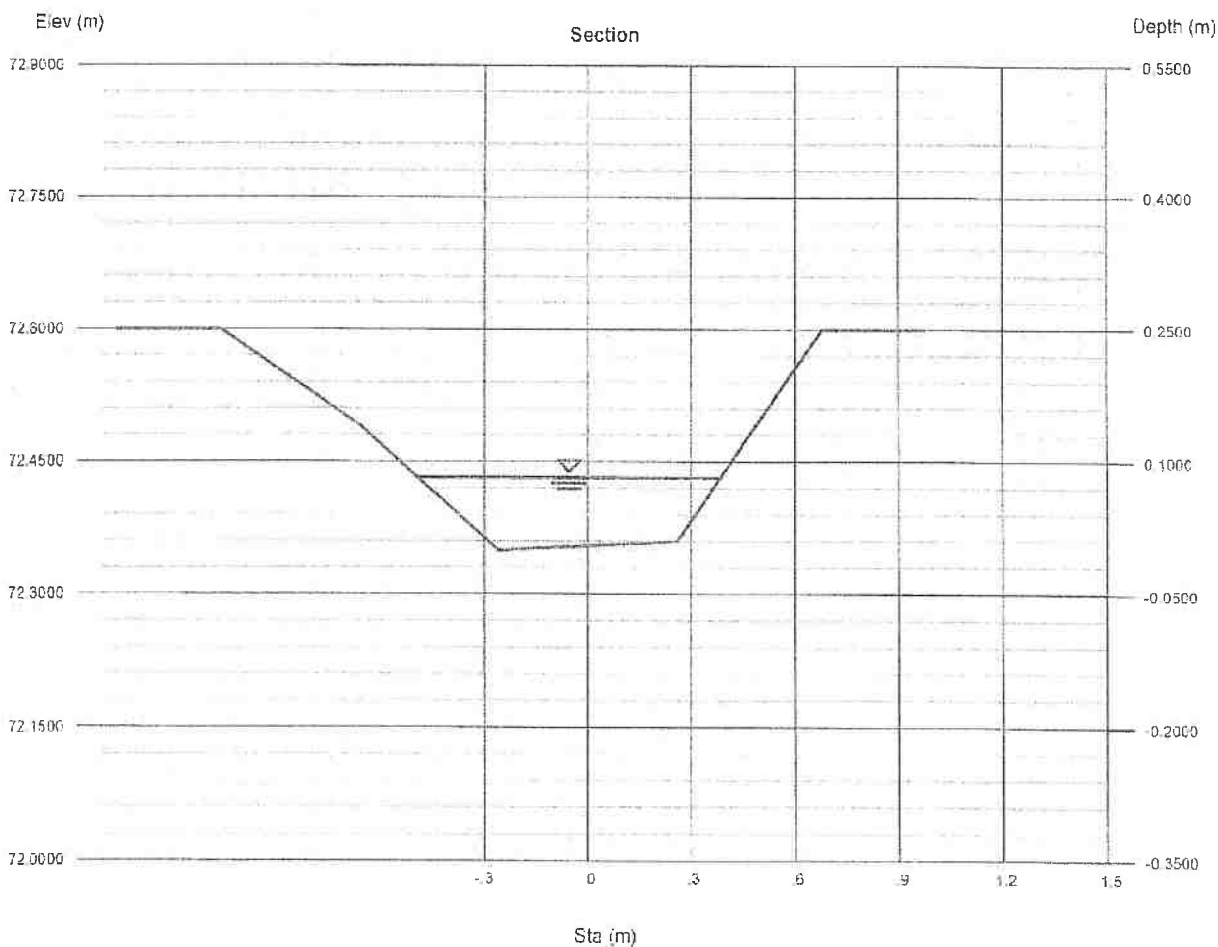
(Sta, El, n)-(Sta, El, n)...
 (-1.0500, 72.9000)-(0.2600, 72.3500, 0.011)-(0.6700, 72.3000, 0.011)

Highlighted
 Depth (m) = 0.0823
 Q (cms) = 0.230
 Area (sqm) = 0.0543
 Velocity (m/s) = 4.2349
 Wetted Perim (m) = 0.9119
 Crit Depth, Yc (m) = 0.2073
 Top Width (m) = 0.8784
 EGL (m) = 0.9971

Auckland
Council

SUB6023038-C - KEN HA
 Approved by Delegated Officer

22/01/2020



Channel Report

Hydraulow Express Extension for Autodesk® Civil 3D® by Autodesk, Inc.

Thursday, Dec 5 2019

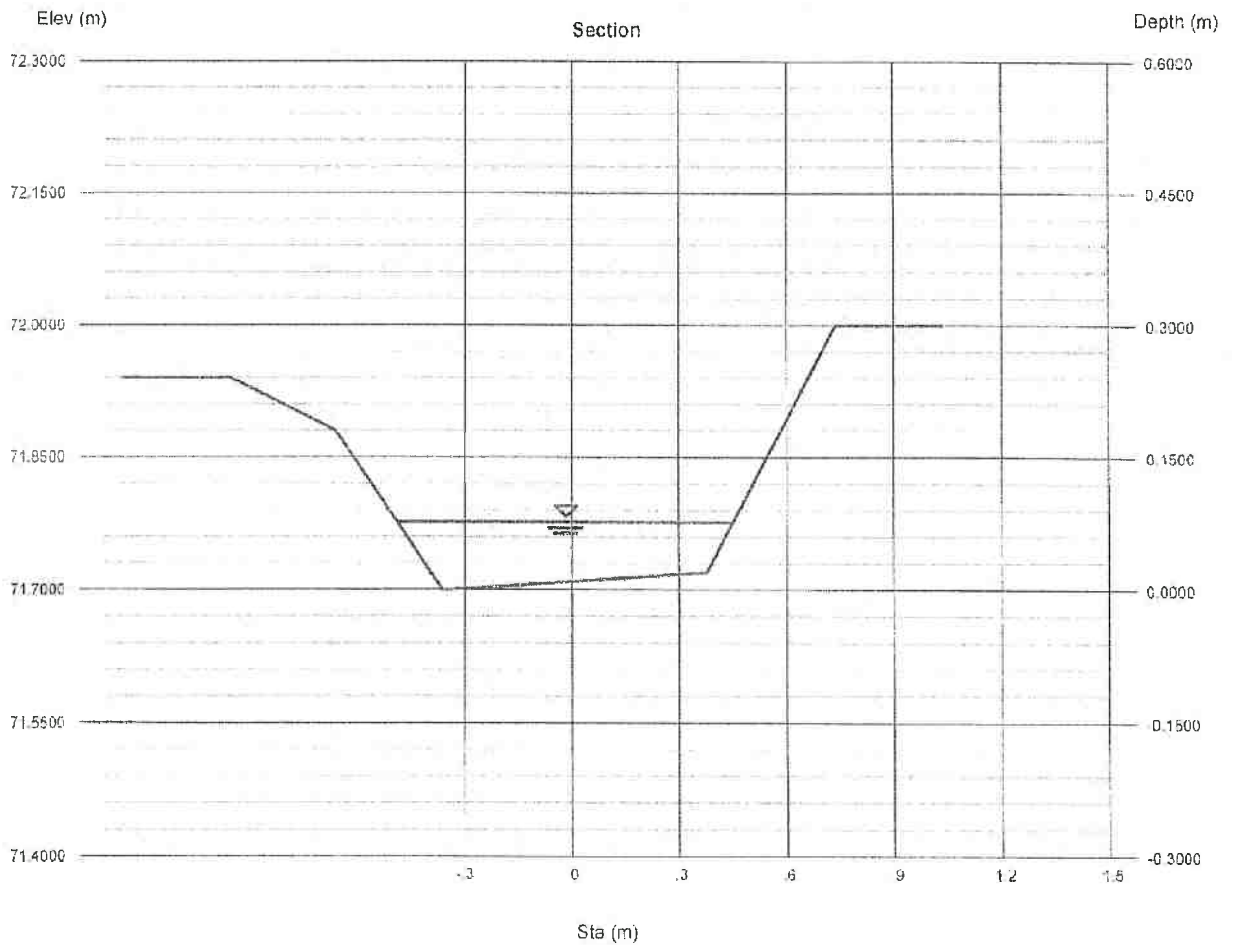
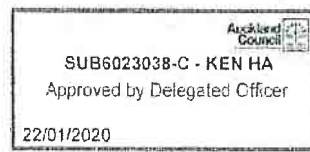
<Name>

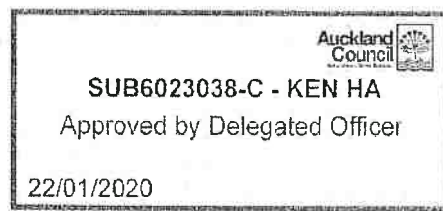
User-defined
 Invert Elev (m) = 71.7000
 Slope (%) = 10.6000
 N-Value = 0.011

Calculations
 Compute by: Known Q
 Known Q (cms) = 0.2300

{Sta, El, n}-(Sta, El, n)...
 (-3.6500, 71.9400)-(0.3000, 71.7200, 0.011)-(0.7000, 72.0000, 0.011)

Highlighted
 Depth (m) = 0.0762
 Q (cms) = 0.230
 Area (sqm) = 0.0558
 Velocity (m/s) = 4.1233
 Wetted Perim (m) = 0.9781
 Crit Depth, Yc (m) = 0.2012
 Top Width (m) = 0.9372
 EGL (m) = 0.9434





APPENDIX C
RESOURCE CONSENTS FOR FUTURE DEVELOPMENTS
(SUPPLIED SEPARATELY)

Schedule / Memorandum

Land Registration District

North Auckland

Survey Number

LT 549093

Territorial Authority (the Council)

Auckland Council

Memorandum of Easements in Gross

Last Edited: 20 Nov 2020 08:15:04

<u>Purpose</u>	<u>Shown</u>	<u>Servient Tenement</u> <u>(Burdened Land)</u>	<u>Grantee</u>
Right to drain water	W	Lot 61	Auckland Council
	WA	Lot 61	Auckland Council
	WB	Lot 62	Auckland Council
	WC	Lot 62	Auckland Council
	BH	Lot 62	Auckland Council

Schedule of Easements in Gross

Last Edited: 20 Nov 2020 08:16:40

<u>Purpose</u>	<u>Shown</u>	<u>Servient Tenement</u> <u>(Burdened Land)</u>	<u>Grantee</u>
Right to convey telecommunications	Lot 1005	Lot 1005	Chorus New Zealand Ltd
Right to convey gas	Lot 1005	Lot 1005	Vector Limited

Schedule of Existing Easements in Gross

Last Edited: 20 Nov 2020 09:04:45

<u>Purpose</u>	<u>Shown</u>	<u>Servient Tenement</u> <u>(Burdened Land)</u>	<u>Creating Document Reference</u>
Right to convey water	D	Lot 123	IE B383694.1
	E	Lot 124	TE B383694.1
	XF	Lot 1101	TE B383694.1
Right to drain storm water	S	Lot 1101	EI 11759255.8
Right to convey electricity	ZE	Lot 1101	EI 11759255.11
	ZB	Lot 1101	EI 11759255.11
	ZC	Lot 53	EI 11759255.11
Right to convey gas	ZE	Lot 1101	EI 11759255.10
	ZB	Lot 1101	EI 11759255.10

Amalgamation Conditions

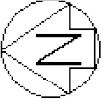
Last Edited: 20 Nov 2020 08:39:12

That Lot 1005 hereon (legal access) be held as to three undivided one-third shares by the owners of Lots 64-66 hereon as tenants in common in the said shares and that individual records of title be issued in accordance therewith.

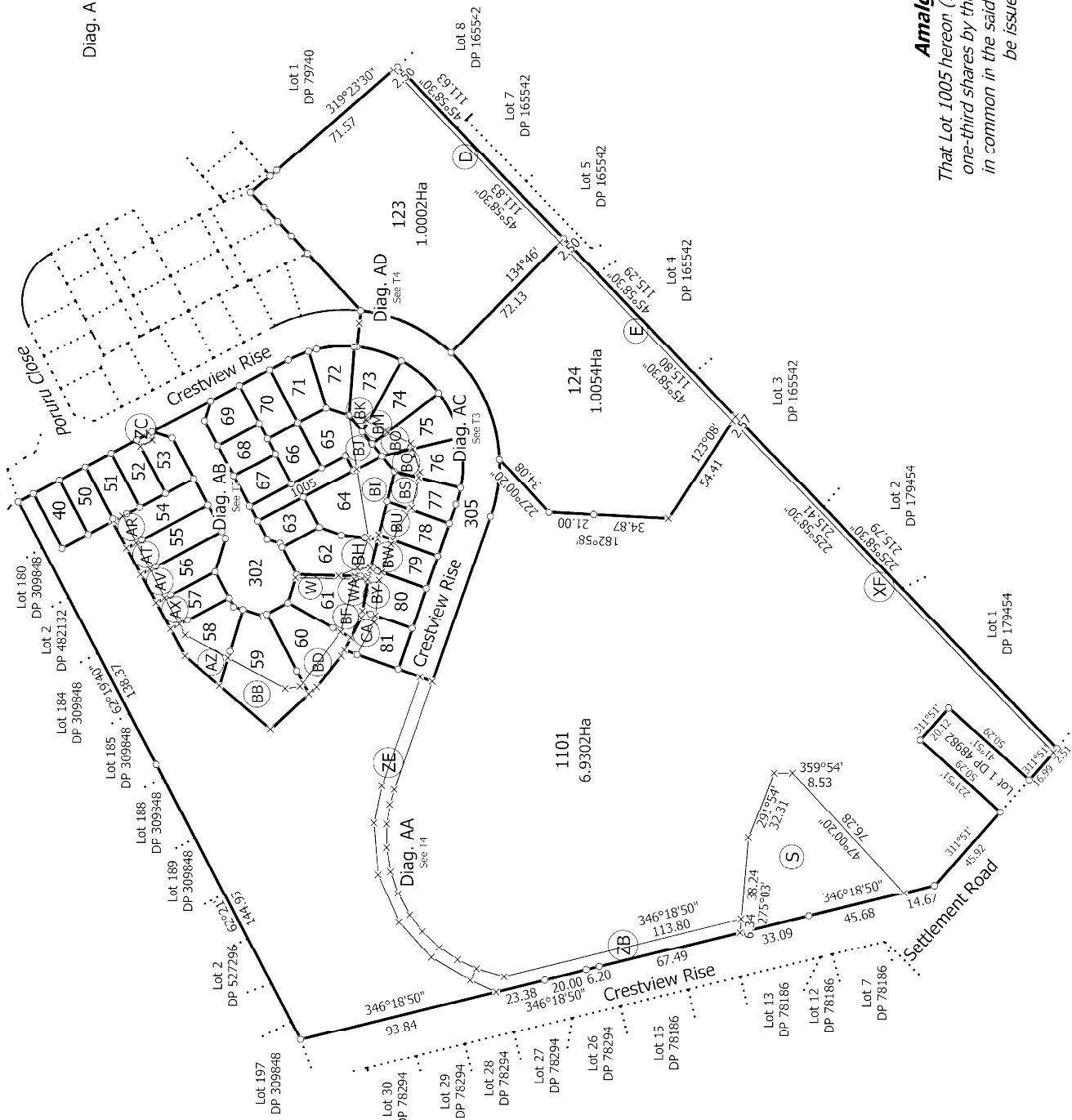
Notes

Last Edited: 20 Nov 2020 08:42:28

Areas AR,AT,AV,AX,AZ,BB,BD,BF,WA,WC,BH,BI,BJ,BK,BM,BO,BQ,BS,BU,BW,BY and CA are subject to land covenants for riparian margins



Diag. A



Amalgamation Conditions

That Lot 1005 hereon (legal access) be held as to three undivided one-third shares by the owners of Lots 64-66 hereon as tenants in common in the said shares and that individual records of title be issued in accordance therewith.

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Land District: North Auckland

Digitally Generated Plan

Generated on: 24/12/2020 12:46pm; Page 5 of 8

Lots 40, 50-81, 123, 124, 302, 305, 1005 and 1101 being a subdivision of Lots 1000 and 1001 DP 536250

Surveyor: Arthur Ben Harper
Firm: Survey Work LT Ltd

Title Plan
LT 549093
Approved on: 24/12/2020