ENGINEERING APPROVAL
STAGE 1A

Western Bay of Plenty District Council

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10 February 2020

11528

Dear Sir/Madam

Ref: RC11528S
Engineering Designs for Approval –Wastewater, Stormwater and Water Supply
Subdivision No 12445, 81 CITRUS AVENUE

I refer to your Engineering Design plans, and subsequent amendments received by Council for inspection on 22/01/2020. I wish to inform you that your approval has been granted subject to the following requirements:

1. Pipe Bedding/Backfill

1.1. Please refer to CS5 Section 6.7 (Bedding, Pipe laying and Jointing) and, Section 6.8 (Backfilling) – of the Western Bay of Plenty District Council (WBOPDC) Development Code.

1.2. Please note that local ash material, commonly found in our District, is not considered to be granular. This material shall not be used where granular bedding or backfill has been specified.

1.3. The specified detail for trafficked areas shall have the same bedding as specified above however backfill may be good quality selected compacted fill.

1.4 uPVC pipe shall be bedded, haunched and covered, up to 100mm above the pipe, with granular bedding material

1.4.1 Reinforced concrete pipe shall be bedded and haunched up to one-third of the pipe diameter with granular bedding material.

1.5 The bedding and backfill for a MDPE pipe, with an internal diameter less than or equal to 50 millimetres, can be good quality selected compacted fill. Bedding and Backfill for MDPE pipes with a larger diameter will be considered at Council's discretion.

1.6 In all cases the specific detail for traffic areas shall be in accordance with Drawing W419

2. Works to be completed in accordance with Council's Development Code

2.1. All works are to be in accordance with the above where your specification is not in accordance with the Code, or where a specification has not been supplied unless prior approval for departure from the Code is received from the Principal Administrative Officer.

3. Works within Local Road Corridor

3.1. If work is to be undertaken within the boundaries of a legal road, which the WBOPDC is the Road Controlling Authority, the contractor must have a Works Access Permit (Road Opening Notice).

3.2. The contractor may be required to submit a compliant traffic management plan in accordance with the operative Code of Traffic Management (including Pedestrians) alongside the application for a Works Access Permit.

3.3. All applications for a Works Access Permit may be made through the WBOPDC Customer Services Team or Council's Road Service Provider (WestLink Bay of Plenty).

4. Connection to Existing Services

4.1. The applicant's agent or contractor is required to apply for new connections for waster water (private or public), storm water and water supply as separate applications.

4.2. Applications can be made to the WBOPDC's Utilities Department on the Form 7b which can be located under the checklists section of the Development Code.

5. Live Water Connections

5.1. Where the consent requires live domestic water connections, the applicant or their agent must make a separate application through the Western Bay of Plenty District Council Customer Services Team in the form of "Water Connection Application and Acceptance" form.

6. Public Liability Insurance

6.1. The consent holder (applicant or their agent) shall ensure that rule 12.3.10.2 of WBOPDC's District Plan is complied with.

7. Health and Safety at Work Act 2015

7.1. Please ensure that all relevant provisions on the Health and Safety at Work Act 2015 are upheld during the course of work being completed.

7.2. The consent holder shall ensure that requirements of sections DS 1.8 and DS 1.19 of the WBOPDC's Development Code are complied with.

8. Section 224 Application

8.1. An asset schedule shall be provided with the section 224 application detail the actual quantities and costs of the Assets to be taken over by WBOPDC.

8.2. Unless already provided, as built drawings for any connections of assets to be vested in WBOPDC shall be supplied prior to, or in conjunction with the section 224 application in accordance with the WBOPDC Development Code.

8.3. As part of any section 224 application, or as otherwise required, all items shall be tested, and the results supplied, to prove compliance with the WBOPDC Development Code.

9. Supervision

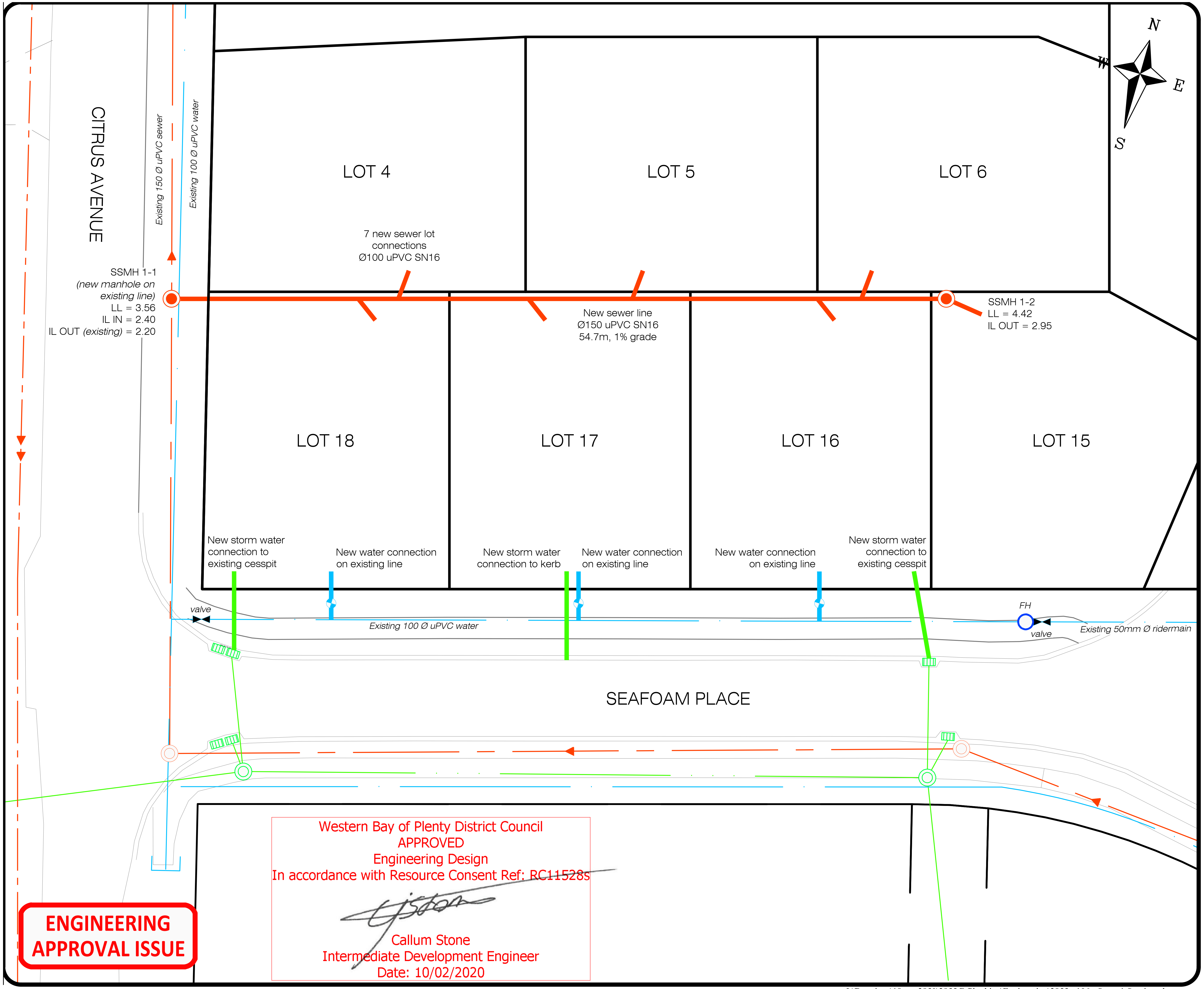
9.1. The above work shall be supervised and certified as completed in accordance with the plans, specifications, and WBOPDC's Development Code by the consent holder's agent.

9.2. The agent shall also ensure that any further requirements are also complied with.

If you have any questions or concerns please contact me.

Yours faithfully

Callum Stone
Intermediate Development Engineer



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BARR + HARRIS
SURVEYORS LIMITED

Matamata Telephone 07 888 8777
124 Broadway, P.O.Box 112 Facsimile 07 888 8484
Putaruru Telephone 07 883 3050
Waihi Beach P.O.Box 47 Telephone 07 863 6622

NOTE:

- Coordinates are in terms of NZGD 2000 Mt Eden circuit.
- Levels are in terms of the Auckland Vertical Datum 1946.
- Dimensions in metres.
- Water connections are to be a standard manifold incorporating a toby valve, a dual check valve, a Class C meter and a toby box with a 20mm ID 12 bar polyethylene pipe.
- Sewer and stormwater lot connections are to be Ø100 uPVC SN16, extending a minimum of 1m into each lot within 1.2m of final ground surface.
- Refer to drawing 2855 - 107 for sewer long section details.
- All connections are to meet the requirements of WBOP Development Code.
- Invert level of existing sewer line at SSMH 1-1 has been calculated based on WBOP GIS data. Invert level needs to be verified upon initial excavation, advise B+H immediately if actual invert level is significantly different to the design invert level.

REF	AMENDMENT	BY	DATE

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Design.	M Bellamy
Drawn.	M Bellamy
Checked.	G Harris
Approved.	
Date.	October 2019

Job Title.

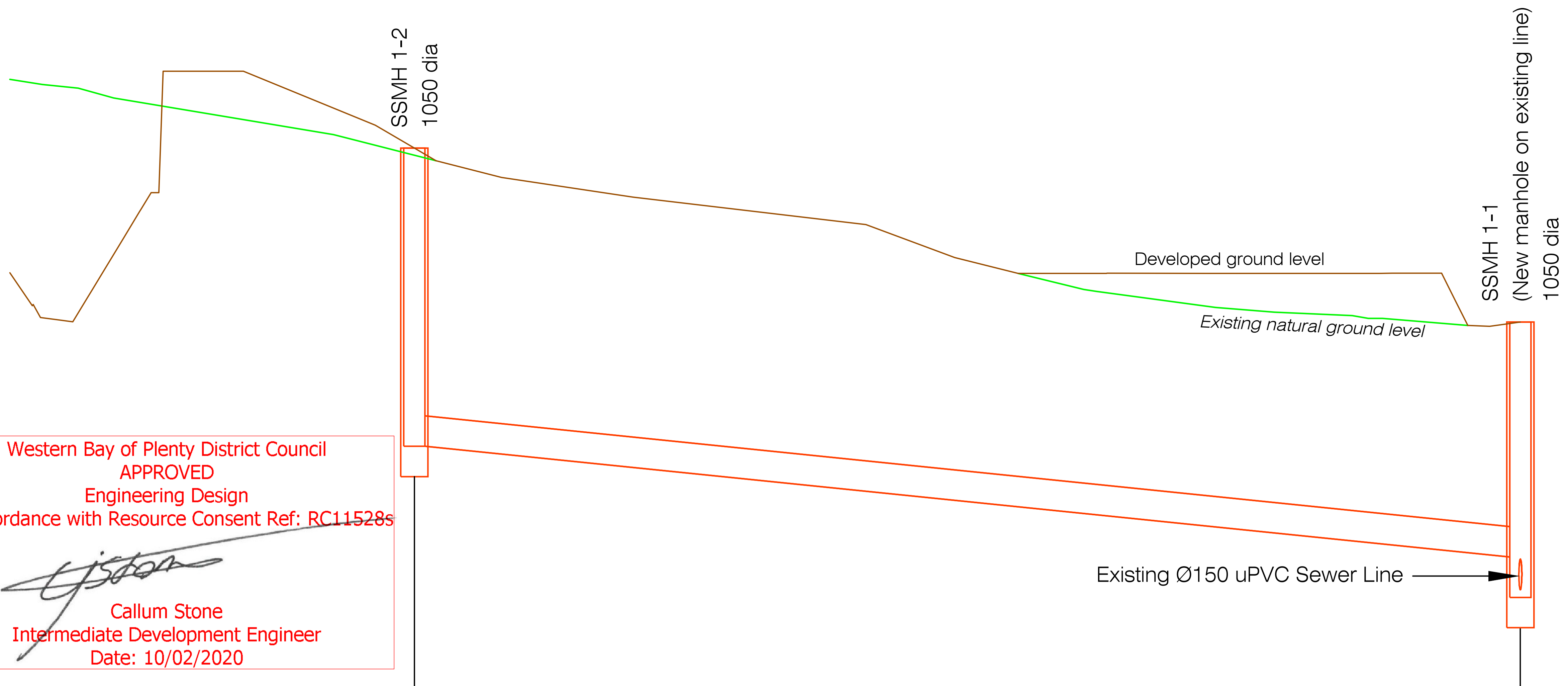
Vibe Group Waihi Ltd
81 Citrus Ave - Waihi Beach

Drawing Title.

SERVICES PLAN
STAGE 1

Scale.	Revision.
@A3 1:250	–

Job ID.	Drawing No.
18/2855	2855 - 106



Western Bay of Plenty District Council
APPROVED
Engineering Design
In accordance with Resource Consent Ref: RC11528s

Callum Stone
Intermediate Development Engineer
Date: 10/02/2020

EXISTING GROUND LEVEL	4.39		3.56	
LID LEVEL	4.42		3.56	
DEPTH TO INVERT	1.47		1.16	1.36
INVERT LEVEL	2.95		2.40	2.20
PIPE GRADIENT		1.00% 150ø uPVC SN16		
CHAINAGE	54.68	(54.68)	0.00	

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ENGINEERING APPROVAL ISSUE

REF	AMENDMENT	BY	DATE

I:\Drawings\18over2850\2855 B Phythian\Engineering\2855 - 107 - Stage 1 Sewer Long Section.dwg

Design. M Bellamy
Drawn. M Bellamy
Checked. G Harris
Approved.
Date. October 2019

Job Title.
Vibe Group Waihi Ltd
81 Citrus Ave - Waihi Beach

Drawing Title.
SEWER LONG SECTION
STAGE 1

Scale. @A3 H 1:250 V 1:25
Revision. -
Job ID. 08/2855
Drawing No. 2855 - 107

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