



Project

Project Name

Restaurant

Description

Pipe Inspection

Start Date

01/04/2017



Restaurant//Cover



Project Information

Project Name
Restaurant

Client's ref :

Contractor's ref :

Date:
03/04/2017

Description Pipe Inspection

Client

Company: Name
Contact: Name
Department: Contract Management
Street: Any Street
City: Any Town
Phone: 000111222333
Fax:
Mobile: 66677788800
E-Mail: example@name.co.uk

Site

Company: Example Site
Contact: Name
Department: Facilities Management
Street: Any Street
City: Any City
Phone: 000111222333
Fax:
Mobile: 44455566677
E-Mail:

Contractor

Company: Aquaflow Drainage Services Ltd
Contact: David
Department: Surveys
Street: Denton Farm, Lodge Lees
City: Canterbury
Phone: 01227 832 626
Fax:
Mobile: 07889410248
E-Mail: dave@aquafloowservices.com



Project Information

Project Name Restaurant	Client's ref :	Contractor's ref :	Date: 03/04/2017
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Description Pipe Inspection

Memo

Summary:

After attending a late night callout for blocked drainage we found all underground drainage in the basement to be affected.

After draining down the system to verify the direction of flow through manholes we found the cause of the blockage to predominantly be the defective pipe liner reducing the water flow causing the blockage, however there was extensive grease content within the water that was cleared.

Reccomend liner to be cut to the correct shape thus not reducing the flow (temporary fix).
As a permanent solution, excavate and replace the pipe between manholes as it has a negative slope and it would then not require the liner to be in place.



Project Information

Project Name Restaurant	Client's ref :	Contractor's ref :	Date: 03/04/2017
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Description Pipe Inspection





Project Pictures

Project Name
Restaurant

03/04/2017



Manhole prior to emptying, see grease content



Manhole after emptying



See close up of defective pipe liner in the pipe exit



Inspection Report

Section Number : 1	Date : 04/04/2017	Client's Ref :	Weather :	Critical Drain/Sewer:	PLR : ManholeX
Operator :	Vehicle :	Camera :	Preset :	Cleaned :	Type of Drain : Gravity drain/sewer

Place:	Direction: Manhole → Manhole	US MH: Manhole
Road:	Catchment:	US Depth: 7.20
Location:	Total Length: 4.90	DS MH: Manhole
Surface Cover:	Pipe Length:	DS Depth:

Use: Foul	Pipe Shape: Circular
Year Laid:	Width / Height: 100 / 0
Purpose:	Flow Control:
Lining: Cured in place lining	Pipe Material: Vitrified clay pipe

Comment: **Liner defective and negative sloop in pipe**
 Recommendation: **Possibly excavate to replace pipe**

1:50	Position m	Code	Observation	MPEG	Photo	Grade																								
<div style="display: flex; align-items: center;"> <div style="width: 15%; text-align: center;"> <p>Depth: Manhole</p> </div> <table border="1" style="width: 85%; border-collapse: collapse;"> <tr> <td style="text-align: center;">0.00</td> <td style="text-align: center;">MH</td> <td>Start node type, manhole, reference number: Manhole</td> <td style="text-align: center;">00:00:00</td> <td></td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">0.70</td> <td style="text-align: center;">WL</td> <td>Water level, 35% of the vertical dimension</td> <td style="text-align: center;">00:00:03</td> <td></td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">1.80</td> <td style="text-align: center;">REM</td> <td>General remark: Negative sloop in pipe</td> <td style="text-align: center;">00:00:08</td> <td></td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">4.90</td> <td style="text-align: center;">MHF</td> <td>Finish node type, manhole, reference number: Manhole</td> <td style="text-align: center;">00:00:00</td> <td></td> <td style="text-align: center;">0</td> </tr> </table> </div>							0.00	MH	Start node type, manhole, reference number: Manhole	00:00:00		0	0.70	WL	Water level, 35% of the vertical dimension	00:00:03		0	1.80	REM	General remark: Negative sloop in pipe	00:00:08		0	4.90	MHF	Finish node type, manhole, reference number: Manhole	00:00:00		0
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Structural defects					Constructional features				
Service and maintenance defects					Miscellaneous features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



Section Pictures - 04/04/2017 - ManholeX

Section Number : 1	Survey Direction : Manhole → Manhole	PLR : ManholeX	Client's Ref :	Contractor's Ref :
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ManholeX_5b8418f4-9878-4034-bf0f-26c0b27ca98c_20170404_175008.jpg, 00:00:00, 0.00m
Start node type, manhole, reference number: Manhole



ManholeX_b21ca32d-01aa-47bb-a639-343f595d82d9_20170404_174927.jpg, 00:00:00, 0.00m
Start node type, manhole, reference number: Manhole



Terms & Conditions

TERMS AND CONDITIONS

1 DEFINITIONS AND INTERPRETATION

The following definitions apply in these terms and conditions:

“Conditions” these terms and conditions. “Confirmation” our confirmation of your order attached to these Conditions.

“Contract” the Confirmation together with the Conditions. “Customer” the person, firm or company who purchases Work from the Supplier.

“Supplier” Aquaflow Drainage Services Limited. “Work” the work and services to be provided by the Supplier under the Contract as set out in the Supplier’s Confirmation or, (where a Confirmation has not been provided) the quotation.

2 LIMITATIONS OF THE REPORT

2.1 It should be noted that the exact layout of the system cannot be confirmed with the exposure of inaccessible branches, connections and all other inaccessible sections.

2.2 A CCTV survey alone should not be a guarantee of water tightness.

2.3 The Report is not a structural survey and must not be construed as such.

2.4 The views expressed in this report are based entirely upon a visual examination of the drainage, supported by information obtained from a drainage CCTV inspection and or a water pressure test.

2.5 The drawing contained within or accompanying the report is not a scaled drawing and is for reference purposes only.

3 RIGHTS OF ORIGINATOR

3.1 This report is for the sole use of the customer.

3.1.1 It must not be reproduced or transferred to any other third party without the express written consent of the Supplier.

3.2 This is a condition report of the drain/sewer at the time and date of the survey being carried out only.

3.3 We reserve the right to amend our opinions in the event of additional information being made available at some future date.

4 CUSTOMER’S OBLIGATIONS

4.1 It is the Customer’s responsibility to provide the Supplier, in sufficient time, with any information and instructions relating to the Work that is, or are, necessary to enable the Supplier to provide the Work in accordance with the Contract.

4.2 The Customer shall inform the Supplier in writing in good time of any dangerous materials or hazards that may be present on the present and which could constitute a danger to any person.

4.3 If the Customer fails to provide the information required in clause 4.2 above or provides the Supplier with incomplete, incorrect or inaccurate information or instructions, the Supplier may:

4.3.1 Make an additional charge of a reasonable sum to cover any extra work that is required; or

4.3.2 Cancel the Contract by giving written notice

5 ACCESS



5.1 The Customer shall provide clear access to all drains, sewers, inspection covers and manholes to enable the Supplier to carry out the Work.

5.2 Where the Customer's drains are shared with third parties, the Supplier will request written permission from the relevant third party (ies). In the event that permission cannot be obtained, the Supplier will have the right to cancel the Contract and shall have no liability to the Customer in respect of any such cancellation.

5.3 The Customer shall obtain permission for the Supplier to proceed over property belonging to third parties and/or to carry out work on property belonging to third parties where this is necessary for the proper execution of the Work.

6 WATER AND POWER

6.1 The Customer shall provide all necessary power and a clean water supply from the mains or fire hydrant.

6.2 Where it is necessary for the Supplier to use a metered hydrant and supply controlled by the water authorities, the Supplier will invoice all charges made by that authority to the Customer and the Customer shall pay such charges within 7 days of receipt of the Supplier's invoice.

7 WORK GUARANTEE

7.1 Subject to the following provisions of this Condition 7, the Supplier guarantees completed unblock and survey Work for a period of 28 days from the date of completion.

7.2 The Customer shall inspect the Work as far as it is reasonably possible immediately on completion of it and shall as far as reasonably practicable notify the Supplier of any reason for believing that the Work carried out by the Supplier is not in accordance with the Contract within seven days of completion.

7.3 If the Customer fails to give such notice the Work shall conclusively be presumed free from any defects which would be apparent on reasonable examination of the Work.

7.4 The Supplier reserves the right not to carry out work requested under the guarantee until the Supplier has been paid. The Supplier also reserves the right to delay or withhold performance of the guarantee where the Supplier has advised the Customer that, although clear, the drains need further work or have a possible fault.

8 LIMITATION OF LIABILITY – THE CUSTOMER'S ATTENTION IS PARTICULARLY DRAWN TO THE PROVISIONS OF THIS CONDITION

8.1 The Supplier warrants to the Customer that the Work will be provided using reasonable care and skill and, unless the Supplier is prevented by circumstances beyond its reasonable control, in accordance with the Confirmation.

8.2 The Supplier shall have no liability to the Customer for any loss, damage, costs, expenses or other claims for compensation arising from:

8.2.1 any information or instructions supplied by the Customer which is or are incomplete, incorrect or inaccurate; or

8.2.2 any failure by the Customer to obtain proper access over any property of any third party required in accordance with clause 5; or



8.2.3 any damage or defect caused by any third party.

8.3 The Supplier shall have no liability to the Customer for any loss, damage, costs, expenses or other claims for compensation arising from and direct or consequential loss, damage or expenses.

8.4 The Supplier's liability in respect of any other loss or damage shall be limited to the price paid by the Customer.

8.5 The Supplier shall not be liable to the Customer by reason of any delay in performing, or any failure to perform, any of its obligations in relation to the Work, if the delay or failure was due to:

8.5.1 any act of God, war, terrorism, power failure, or any other cause beyond the Supplier's reasonable control; or

8.5.2 any risk to health and safety or the environmental, however, the Supplier will try to minimise any such problems where reasonably practicable.

8.6 The Supplier will not be liable for any fractured or frozen pipes and cannot guarantee to clear blockages occurring in a frozen pipe or drain.

8.7 Nothing in these Conditions affects any liability for death or personal injury caused by the Supplier's negligence or for fraudulent misrepresentation, or the Customer's statutory rights as a consumer.

9 DATA PROTECTION

9.1 The Supplier will use personal information provided by the Customer for the purposes of:

9.1.1 providing the Work;

9.1.2 carrying out marketing and statistical analysis and we may disclose your information to our service providers for these purposes;

9.1.3 Informing the Customer by post or telephone about similar products and services provided by the Supplier and/or its related companies.

9.2 The Customer acknowledges and agrees that details of the Customer's name, address and payment record may be submitted to a credit reference agency.

9.3 The Customer can correct any information, or ask for information about the Customer to be deleted, or opt-out of receiving any marketing information by post or by telephone by giving written notice to the Supplier at the address, fax number or email address shown on the Confirmation and/or any customer satisfaction questionnaire provided.

10 GENERAL

10.1 If any provision (or part of a provision) of this Contract is found by any court or administrative body of competent jurisdiction to be invalid, unenforceable or illegal, the other provisions will remain in force.

10.2 If any invalid, unenforceable or illegal provision of this Contract would be valid, enforceable or legal if some part of it were changed deleted, that provision will apply with whatever changes are necessary to make the relevant provision valid, enforceable and legal.

10.3 A delay by either party in acting on a breach of this Contract will not prevent the other party from taking action in respect of that breach or any subsequent breach of this contract.

10.4 Nothing in the Contract gives any right to any third party to enforce any provision under the Contract (Rights of Third Parties) Act 1999 or otherwise.

10.5 These Conditions and the Contract will be subject to English law, and the English courts will have jurisdiction in respect of any dispute arising from the Contract.



Aquaflow Drainage Services Ltd

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