



Geo Technical Report

Drainage Report

Client Name: Smithers Purslow



Risk Address:

27 High Street,
Barford
CV35 8BU

Circumstances:

Following your request, we attended site to undertake a site investigation comprising of a CCTV survey of the drainage system and trial hole / boreholes.

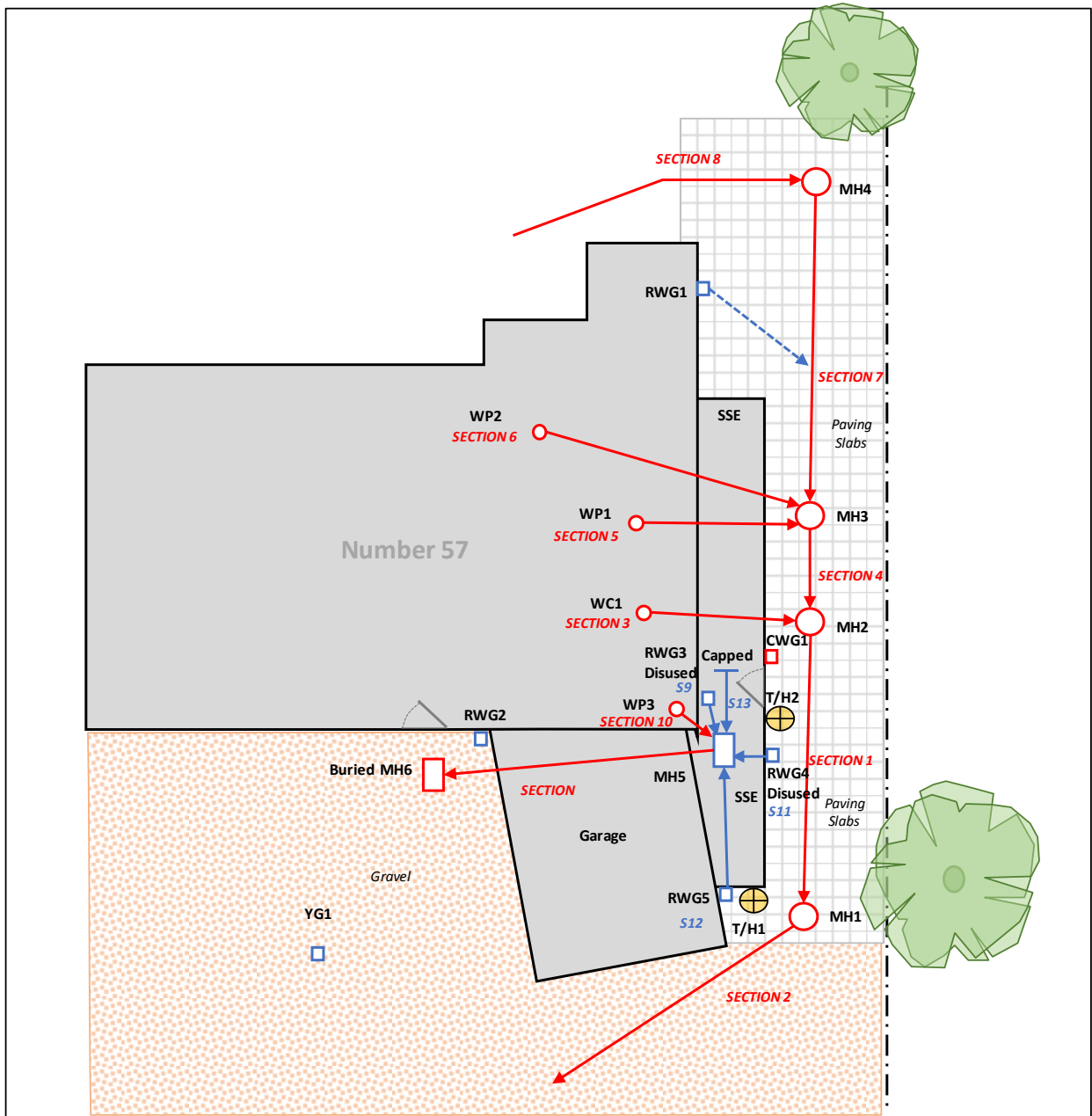
Description of property:

Detached Property

Area of Concern Location:

To the right hand side of the property (Single story extension to rear of garage)

Site Plan



KEY

| | | | | | | | |
|--|-----------------------|--|----------------------------|--|---------------------|--|-------------------|
| | Building | | Foul Water Gully (FWG) | | Septic Tank | | Tree |
| | Greenhouse | | Combined Water Gully (CWG) | | Water Supply | | Shrubs |
| | Shed | | Rain Water Gully (RWG) | | ISV / ESV / Tap | | Bush |
| | WC | | Foul Manhole | | Boundary | | Block Paving |
| | Water-Butt | | Storm Manhole | | Area of Concern | | Pond |
| | Soakaway | | Soil & Vent Pipe (SVP) | | Proposed Build Area | | Grass |
| | Trial Hole / Borehole | | Rainwater Pipe (RWP) | | Red Tarmac | | Paving Slabs |
| | Road Gully | | Syphon / Buchan Trap | | Crazy Paving | | Concrete |
| | ACO Channel | | Foul Drain | | Gravel / Stone | | Flower Bed / Soil |
| | Wall | | Foul Drain (Unsurveyed) | | | | |
| | | | Storm Drain | | | | |
| | | | Storm Drain (Unsurveyed) | | | | |
| | | | Rodding Eye | | | | |
| | | | Concealed / Buried Manhole | | | | |

SUMMARY OF LABORATORY SOIL DESCRIPTIONS

| Hole Number | Sample Number | Sample Type | Top Depth m | Base Depth m | Description of Sample |
|-------------|---------------|-------------|----------------|-----------------|---|
| BH/TH1 | | | 0.70 | 1.20 | Reddish brown slightly gravelly sandy CLAY. |
| BH/TH2 | | | 0.70 | 1.20 | Reddish brown slightly gravelly sandy CLAY. |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| | | |
|--|--|---------------------|
|   | 27 High Street, Barford, CV35 8BU | Contract No: |
| | | PSL23/10633 |
| | | Client Ref: |
| | | |

SUMMARY OF SOIL CLASSIFICATION TESTS

(BS1377 : PART 2 : 1990)

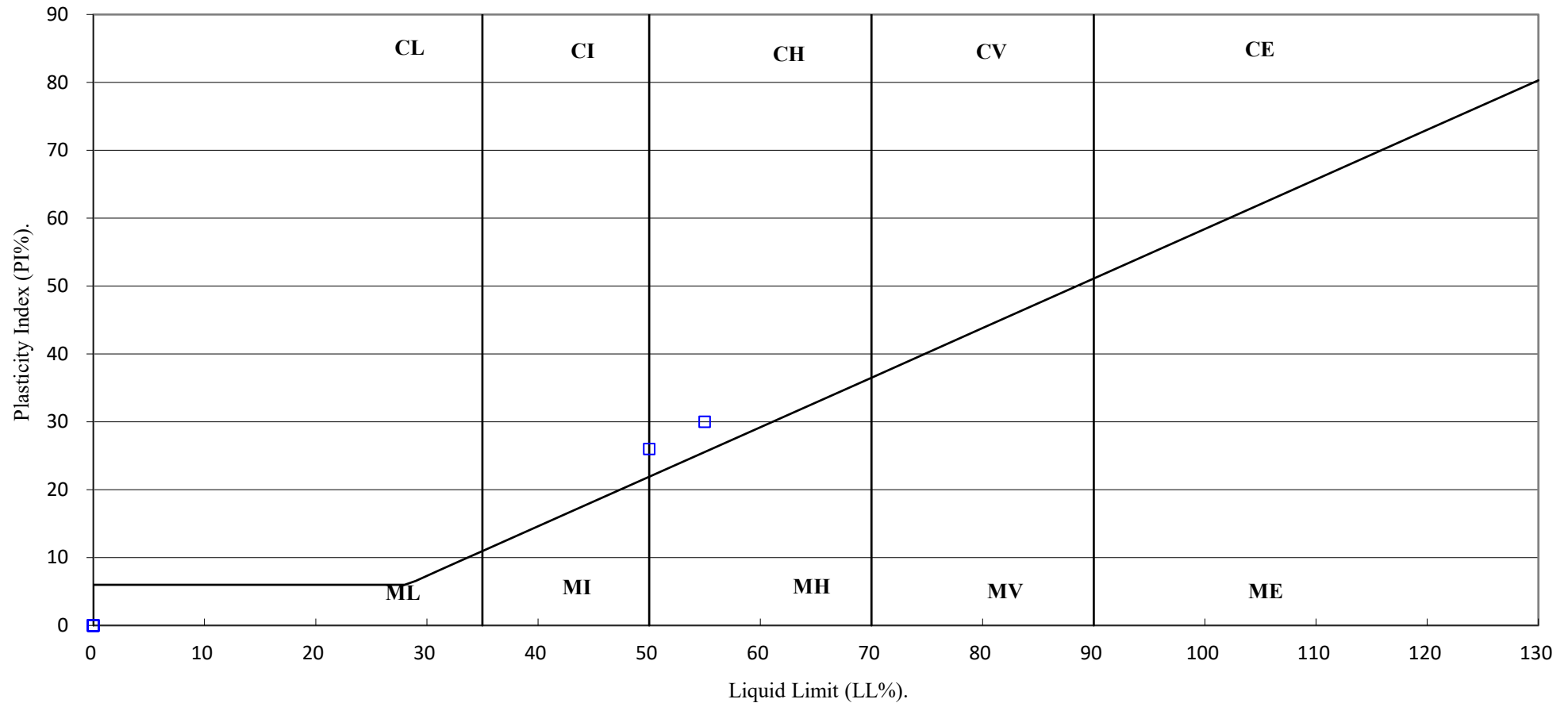
| Hole Number | Sample Number | Sample Type | Top Depth m | Base Depth m | Moisture Content % Clause 3.2 | Linear Shrinkage % Clause 6.5 | Particle Density Mg/m ³ Clause 8.2 | Liquid Limit % Clause 4.3/4 | Plastic Limit % Clause 5.3 | Plasticity Index % Clause 5.4 | Passing .425mm % | Remarks |
|-------------|---------------|-------------|----------------|-----------------|----------------------------------|----------------------------------|--|--------------------------------|-------------------------------|----------------------------------|------------------|--------------------|
| BH/TH1 | | | 0.70 | 1.20 | 28 | | | 55 | 25 | 30 | 97 | High Plasticity CH |
| BH/TH2 | | | 0.70 | 1.20 | 24 | | | 50 | 24 | 26 | 93 | High Plasticity CH |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

SYMBOLS : NP : Non Plastic

* : Liquid Limit and Plastic Limit Wet Sieved.

| | | |
|---|--|--------------|
|   | <p>27 High Street, Barford, CV35 8BU</p> | Contract No: |
| | | PSL23/10633 |
| | | Client Ref: |
| | | |

PLASTICITY CHART FOR CASAGRANDE CLASSIFICATION.



27 High Street, Barford, CV35 8BU

Contract No:

PSL23/10633

Client Ref:



Richardson's Botanical Identifications

Root identification
Vegetation surveys
Tree/Building investigations
Plant taxonomy

Smart Drain UK
5 Fellows Way
HILLMORTON
Rugby
CV21 4JP

16/01/2024

Dr Ian B K Richardson
BSc, MSc, PhD, MRSB, FLS

James Richardson
BSc (Hons. Biology)

Enterprise House
49-51 Whiteknights Road
Reading
RG6 7BB

Tel: (0118) 986 9552 (*Direct line*)

E-mail: richardsons@botanical.net

Web: www.botanical.net

Your ref: -

Our ref: 87/9413

Dear Sirs

27 High Street, Barford, Warwick CV35 8BV

The samples you sent in relation to the above on 22/12/2023 have been examined. Their structures were referable as follows:

| TP/BH2, 0.7-1.2m | |
|------------------|---|
| 3 no. | Examined root: a conifer - particularly like the family CUPRESSACEAE (cypresses ('macrocarpa', 'Leylandii' etc.), Thuja (Western Red Cedar), Junipers). |
| 3 no. | Examined root: a THIN sample, with NO BARK. Could be the family Rosaceae, EITHER the subfamily POMOIDEAE (a group of closely related trees: Malus (Apple), Pyrus (Pear), Crataegus (Hawthorn), Sorbus (Rowan, Whitebeam, Service tree), Mespilus (Medlar), and some shrubs (Pyracantha (Firethorn), Chaenomeles (Japonica), Cydonia (Quince), Amelanchier, Cotoneaster)) OR [the related] PRUNUS (Cherries, Plums and Damsons, Almonds, Peaches and Apricots, Blackthorn/Sloe, as well as the shrubby Cherry-laurel and Portugal-laurel). |
| 15 no. | Unfortunately all with insufficient cells for identification. |

Click here for more information: [CUPRESSACEAE](#) [POMOIDEAE](#) [PRUNUS](#)

I trust this is of help. Please call us if you have any queries; our Invoice is enclosed.

Yours faithfully

Dr Ian B K Richardson

** Try out our web site on www.botanical.net **

Drainage Summary

Drainage Description:

Foul and combined drainage comprised of 100mm uPVC pipework

YG1 on the driveway is blocked but beyond the area of influence.

Manhole Condition:

MH1 is a UPVC chamber and was found to be in a good condition.

MH2 is a UPVC chamber and was found to be in a good condition.

MH3 is a UPVC chamber and was found to be in a good condition.

MH4 is a UPVC chamber and was found to be in a good condition.

MH5 is a Brick Built chamber and was found to be in a good condition.

MH6 is a Brick Built Chamber and is buried below the driveway.

Drainage Sections Shared:

No – All drainage was found to be privately owned.

CCTV Section Overview and recommendations

The CCTV survey was undertaken in general accordance with the Manual of Sewer Classification and the WRc Drain Repair Book.

The following presents a summary of the findings with recommendations to repair and/or return the necessary private drains to a serviceable state, where necessary.

SECTION 9: MH5 Upstream to RWG3 (REDUNDANT)

Pipe Diameter: 100mm

Pipe Material: Clay

Responsibility: Private

CCTV Survey Result: The survey revealed the drain to be redundant

Section Location: Internal

Repair Recommendations:

1. Capped off drain using concrete from within MH5

Cost of Recommendation: £240.00 + Vat (Including Section 11 and section13)

SECTION 10: MH5 Upstream to WP3

Pipe Diameter: 100mm

Pipe Material: Clay

Responsibility: Private

CCTV Survey Result: The survey revealed a crack at 0.23m.

Section Location: Internal

Repair Recommendations:

1. Prepare the drain for lining.
2. Install CIPP liner to seal defect at 0.23m

Cost of Recommendation: £444.00 + Vat

SECTION 11: MH5 Upstream to RWG3

Pipe Diameter: 100mm

Pipe Material: Clay

Responsibility: Private

CCTV Survey Result: The survey revealed roots within the drain and water level. Although water level is present, the drain is suspected to be disused.

Section Location: Internal

Repair Recommendations:

1. Carry out high pressure jetting to remove root mass.
2. Perform further CCTV to confirm if drain is redundant.
3. If found to be redundant including report lateral junction, cap off with concrete within MH5.

Cost of Recommendation: see section9

SECTION 13: MH5 Upstream to Capped end (REDUNDANT)

Pipe Diameter: 100mm

Pipe Material: Clay

Responsibility: Private

CCTV Survey Result: The survey revealed the drain to be redundant .

Section Location: Internal

Repair Recommendations:

3. Capped off drain using concrete from within MH5

Cost of Recommendation: see section9

SECTION 14: MH5 Downstream to Buried MH6

Pipe Diameter: 100mm

Pipe Material: Clay

Responsibility: Private

CCTV Survey Result: The survey joint displacements, root ingress and fractures. There is a junction present at 4.9m which is suspected to be disused.

Section Location: Internal

Repair Recommendations:

1. Prepare the drain for lining including root cutting
2. Confirm lateral junction at 4.9m is redundant.
3. Install upto 10m of drain liner downstream to MH6

Cost of Recommendation: £1,170.00 + Vat

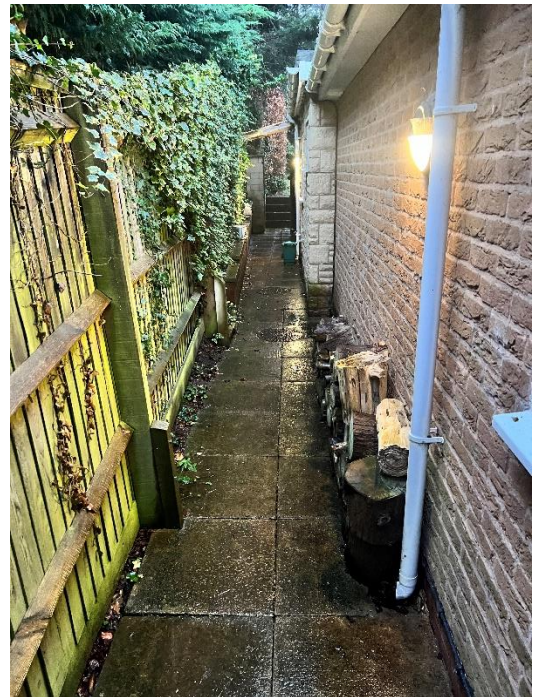
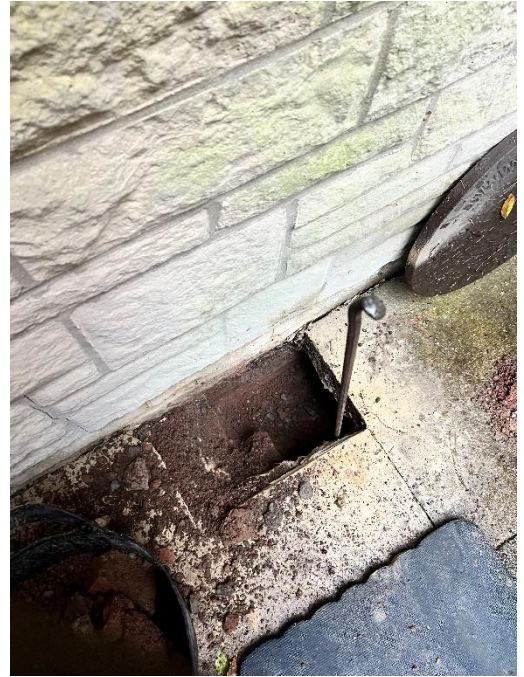
Quotation

Total cost of recommendations: £1,854.00 + Vat

Water Mains Test:

Yes – Tested between ESV and ISV – **PASS**

Photos



Drainage Report



Site

27 High Street
Barford
England
CV35 8BU



SMART DRAIN UK
Surveyor: Smart Drain UK
info@smartdrainuk.co.uk

Total Defects for Project



Total DRB Grades for Project



27 High Street, Barford CV35 8BU - CCTV Survey Report : 19/01/24

| | |
|--------------------------|------------------------------|
| Name : | SMART DRAIN UK |
| Contact : | Unit 5d |
| Location : | West Midlands Trading Estate |
| Town : | Consul Road |
| Region : | Rugby |
| Postcode : | CV21 1PB |
| Email : | info@smartdrainuk.co.uk |
| Contact Number : | |
| Surveyor : | Smart Drain UK |
| Valid Certification No : | |

Client Information

| | |
|------------|--|
| Name : | |
| Contact : | |
| Location : | |
| Town : | |
| Region : | |
| Postcode : | |
| Tel : | |
| Mobile : | |
| Email : | |
| Fax : | |

Site Information

| | |
|------------|----------------|
| Name : | |
| Contact : | |
| Location : | 27 High Street |
| Town : | Barford |
| Region : | England |
| Postcode : | CV35 8BU |
| Tel : | |
| Mobile : | |
| Email : | |
| Fax : | |

Total Defects for Project



Total DRB Grades for Project



Overview

| | | |
|--|----------------|--|
| <p>Section: 1</p> <p>From: MH1 To: MH2</p> <p>MH</p> | <p>Grade A</p> | <p>DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul</p> |
| <p>Section: 2</p> <p>From: MH1 To: DOWNSTREAM</p> <p>MH</p> | <p>Grade A</p> | <p>DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul</p> |
| <p>Section: 3</p> <p>From: MH2 To: WC1</p> <p>MH</p> | <p>Grade A</p> | <p>DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul</p> |
| <p>Section: 4</p> <p>From: MH2 To: MH3</p> <p>MH</p> | <p>Grade A</p> | <p>DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul</p> |
| <p>Section: 5</p> <p>From: MH3 To: WP1</p> <p>MH</p> | <p>Grade A</p> | <p>DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul</p> |
| <p>Section: 6</p> <p>From: MH3 To: WP2</p> <p>MH</p> | <p>Grade B</p> | <p>DRB Grade: B Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul</p> |

Total Defects for Project

Total DRB Grades for Project




| | | |
|---|---------|---|
| Section: 7 From: MH3 To: MH4 MH | Grade A | DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul |
| Section: 8 From: MH4 To: UPSTREAM MH | Grade A | DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul |
| Section: 9 From: MH5 To: RWG3 MH | Grade B | DRB Grade: B Pipe Size: 100 Material: Vitrified Clay (i.e. all clayware) Use: Other |
| Section: 10 From: MH5 To: WP3 MH | Grade A | DRB Grade: A Pipe Size: 100 Material: Vitrified Clay (i.e. all clayware) Use: Foul |
| Section: 11 From: MH5 To: RWG4 MH | Grade B | DRB Grade: B Pipe Size: 100 Material: Vitrified Clay (i.e. all clayware) Use: Other |
| Section: 12 From: MH5 To: RWG5 MH | Grade A | DRB Grade: A Pipe Size: 100 Material: Vitrified Clay (i.e. all clayware) Use: Surface Water |
| Section: 13 From: MH5 To: CAPPED END MH | Grade B | DRB Grade: B Pipe Size: 100 Material: Vitrified Clay (i.e. all clayware) Use: Other |

Total Defects for Project

Total DRB Grades for Project



| | | |
|---|---|---|
| <p>Section: 14</p> <p>From: MH5 To: BURIED MH6</p> | <p>Grade B</p> | <p>DRB Grade: B</p> <p>Pipe Size: 100</p> <p>Material: Vitrified Clay (i.e. all clayware)</p> <p>Use: Combined</p> |
| <p>MH</p> |  | |

Total Defects for Project



Total DRB Grades for Project



Site: 27 High Street, Barford

Section 1

| | | | | | |
|------------------------|---|------------------------------|-----------------|-----------------------------------|---------------------|
| Client: | Location (Street Name): 27 High Street | City/Town/Village Barford | Cust Job Ref. | Surveyors Name: Smart Drain UK | Date: 19/01/2024 |
| Start Node Ref: MH1 | Finish Node Ref: MH2 | Direction: U | Height/Dia: 100 | | |
| Start Node Depth: 1.40 | Finish Node Depth: 0.00 | Use: F | Shape: C | | |
| Start Node Coordinate: | Finish Node Coordinate: | Material: PVC | Cleaned: N | | |

| Node Type | Cover Condition | Benching Condition | 1/2 Channel Condition | Node Condition Remarks |
|-----------|-----------------|--------------------|-----------------------|------------------------|
| MH | | | | |

| Drain Type | Lining Type | Lining Mat. | Year Const. | Weather | Flow Cont. | Length | General Remarks |
|------------|-------------|-------------|-------------|---------|------------|--------|-----------------|
| A | | | | D | N | 7.64 | |

| Position | Code | Description | CD | Pic | Video Ref | |
|----------|------|---------------------------|----|------|-----------|--|
| 00.00m | MH | Start node type, manhole | | 0_0 | | |
| 00.00m | WL | Water level 0% | | | 0:00:00 | |
| 07.64m | MHF | Finish node type, manhole | | 0_99 | | |

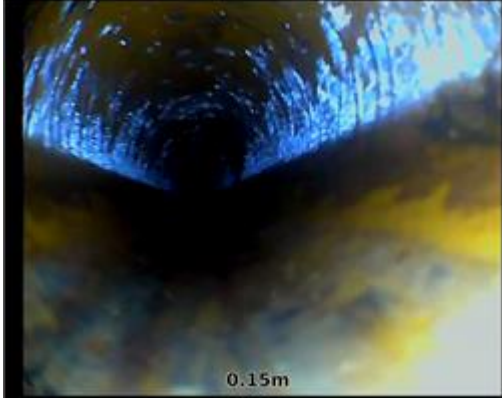

Total Defects for section

DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 1

| Pos | Video Ref | Code | Description | Image |
|--------|-----------|------|---------------------------------|--|
| 00.00m | | MH | Start node type, manhole MH1 | <p>Image Provided - Ref: 0_0</p>  <p>0.15m</p> |
| 00.00m | 0:00:00 | WL | Water level: 0% Height/Diameter | |
| 07.64m | | MHF | Finish node type, manhole MH2 | <p>Image Provided - Ref: 0_9999</p>  <p>7.64m</p> |

Total Defects for section



DRB Grade for Section



Site: 27 High Street, Barford

Section 2

| | | | | | | | |
|------------------------|---|------------------------------|---------------|-----------------------------------|---------------------|-------------|-----|
| Client: | Location (Street Name): 27 High Street | City/Town/Village Barford | Cust Job Ref. | Surveyors Name: Smart Drain UK | Date: 19/01/2024 | | |
| Start Node Ref: | MH1 | Finish Node Ref: | DOWNSTEAM | Direction: | D | Height/Dia: | 100 |
| Start Node Depth: | 1.40 | Finish Node Depth: | 0.00 | Use: | F | Shape: | C |
| Start Node Coordinate: | | Finish Node Coordinate: | | Material: | PVC | Cleaned | N |

| Node Type | Cover Condition | Benching Condition | 1/2 Channel Condition | Node Condition Remarks |
|-----------|-----------------|--------------------|-----------------------|------------------------|
| MH | | | | |

| Drain Type | Lining Type | Lining Mat. | Year Const. | Weather | Flow Cont. | Length | General Remarks |
|------------|-------------|-------------|-------------|---------|------------|--------|-----------------|
| A | | | | D | N | 6.16 | |

| Position | Code | Description | CD | Pic | Video Ref |
|----------|------|--|----|------|-----------|
| 00.00m | MH | Start node type, manhole | | 1_0 | |
| 00.00m | WL | Water level 0% | | | 0:00:00 |
| 02.20m | LRQ | Line of drain/sewer deviates right [quarter] | | | 0:00:15 |
| 06.16m | OFF | Finish node type, outfall | | 1_99 | |

Total Defects for section

DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 2

| Pos | Video Ref | Code | Description | Image |
|--------|-----------|------|--|-------------------------------------|
| 00.00m | | MH | Start node type, manhole MH1 | <p>Image Provided - Ref: 1_0</p> |
| 00.00m | 0:00:00 | WL | Water level: 0% Height/Diameter | |
| 02.20m | 0:00:15 | LRQ | Line of drain/sewer deviates right [quarter] | |
| 06.16m | | OFF | Finish node type, outfall DOWNSTREAM OUT OF AREA | <p>Image Provided - Ref: 1_9999</p> |

Total Defects for section



DRB Grade for Section



Site: 27 High Street, Barford

Section 3

| | | | | | | | |
|------------------------|---|------------------------------|---------------|-----------------------------------|---------------------|-------------|-----|
| Client: | Location (Street Name): 27 High Street | City/Town/Village Barford | Cust Job Ref. | Surveyors Name: Smart Drain UK | Date: 19/01/2024 | | |
| Start Node Ref: | MH2 | Finish Node Ref: | WC1 | Direction: | U | Height/Dia: | 100 |
| Start Node Depth: | 1.30 | Finish Node Depth: | 0.00 | Use: | F | Shape: | C |
| Start Node Coordinate: | | Finish Node Coordinate: | | Material: | PVC | Cleaned: | N |

| Node Type | Cover Condition | Benching Condition | 1/2 Channel Condition | Node Condition Remarks |
|-----------|-----------------|--------------------|-----------------------|------------------------|
| MH | | | | |

| Drain Type | Lining Type | Lining Mat. | Year Const. | Weather | Flow Cont. | Length | General Remarks |
|------------|-------------|-------------|-------------|---------|------------|--------|-----------------|
| A | | | | D | N | 4.07 | |

| Position | Code | Description | CD | Pic | Video Ref |
|----------|------|--|----|------|-----------|
| 00.00m | MH | Start node type, manhole | | 2_0 | |
| 00.00m | WL | Water level 0% | | | 0:00:00 |
| 00.46m | LRQ | Line of drain/sewer deviates right [quarter] | | | 0:00:07 |
| 03.72m | LUF | Line of drain/sewer deviates up [full] | | | 0:00:25 |
| 04.07m | BRF | Finish node type, major connection without | | 2_99 | |

Total Defects for section

DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 3

| Pos | Video Ref | Code | Description | Image |
|--------|-----------|------|--|-------------------------------------|
| 00.00m | | MH | Start node type, manhole MH2 | <p>Image Provided - Ref: 2_0</p> |
| 00.00m | 0:00:00 | WL | Water level: 0% Height/Diameter | |
| 00.46m | 0:00:07 | LRQ | Line of drain/sewer deviates right [quarter] | |
| 03.72m | 0:00:25 | LUF | Line of drain/sewer deviates up [full] | |
| 04.07m | | BRF | Finish node type, major connection without manhole WC1 | <p>Image Provided - Ref: 2_9999</p> |

Total Defects for section



DRB Grade for Section



Site: 27 High Street, Barford

Section 4

| | | | | | |
|------------------------|---|------------------------------|-----------------|-----------------------------------|---------------------|
| Client: | Location (Street Name): 27 High Street | City/Town/Village Barford | Cust Job Ref. | Surveyors Name: Smart Drain UK | Date: 19/01/2024 |
| Start Node Ref: MH2 | Finish Node Ref: MH3 | Direction: U | Height/Dia: 100 | | |
| Start Node Depth: 1.30 | Finish Node Depth: 0.00 | Use: F | Shape: C | | |
| Start Node Coordinate: | Finish Node Coordinate: | Material: PVC | Cleaned: N | | |

| Node Type | Cover Condition | Benching Condition | 1/2 Channel Condition | Node Condition Remarks |
|-----------|-----------------|--------------------|-----------------------|------------------------|
| MH | | | | |

| Drain Type | Lining Type | Lining Mat. | Year Const. | Weather | Flow Cont. | Length | General Remarks |
|------------|-------------|-------------|-------------|---------|------------|--------|-----------------|
| A | | | | D | N | 1.63 | |

| Position | Code | Description | CD | Pic | Video Ref | |
|----------|------|---------------------------|----|------|-----------|--|
| 00.00m | MH | Start node type, manhole | | 3_0 | | |
| 00.00m | WL | Water level 0% | | | 0:00:00 | |
| 01.63m | MHF | Finish node type, manhole | | 3_99 | | |

Total Defects for section

DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 4

| Pos | Video Ref | Code | Description | Image |
|--------|-----------|------|---------------------------------|-------------------------------------|
| 00.00m | | MH | Start node type, manhole MH2 | <p>Image Provided - Ref: 3_0</p> |
| 00.00m | 0:00:00 | WL | Water level: 0% Height/Diameter | |
| 01.63m | | MHF | Finish node type, manhole MH3 | <p>Image Provided - Ref: 3_9999</p> |

Total Defects for section



DRB Grade for Section



Site: 27 High Street, Barford

Section 5

| | | | | | | | |
|------------------------|---|------------------------------|---------------|-----------------------------------|---------------------|-------------|-----|
| Client: | Location (Street Name): 27 High Street | City/Town/Village Barford | Cust Job Ref. | Surveyors Name: Smart Drain UK | Date: 19/01/2024 | | |
| Start Node Ref: | MH3 | Finish Node Ref: | WP1 | Direction: | U | Height/Dia: | 100 |
| Start Node Depth: | 1.20 | Finish Node Depth: | 0.00 | Use: | F | Shape: | C |
| Start Node Coordinate: | | Finish Node Coordinate: | | Material: | PVC | Cleaned | N |

| Node Type | Cover Condition | Benching Condition | 1/2 Channel Condition | Node Condition Remarks |
|-----------|-----------------|--------------------|-----------------------|------------------------|
| MH | | | | |

| Drain Type | Lining Type | Lining Mat. | Year Const. | Weather | Flow Cont. | Length | General Remarks |
|------------|-------------|-------------|-------------|---------|------------|--------|-----------------|
| A | | | | D | N | 3.53 | |

| Position | Code | Description | CD | Pic | Video Ref |
|----------|------|--|----|------|-----------|
| 00.00m | MH | Start node type, manhole | | 4_0 | |
| 00.00m | WL | Water level 0% | | | 0:00:00 |
| 03.08m | LUF | Line of drain/sewer deviates up [full] | | | 0:00:16 |
| 03.53m | BRF | Finish node type, major connection without | | 4_99 | |

Total Defects for section

DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 5

| Pos | Video Ref | Code | Description | Image |
|--------|-----------|------|--|-------------------------------------|
| 00.00m | | MH | Start node type, manhole MH3 | <p>Image Provided - Ref: 4_0</p> |
| 00.00m | 0:00:00 | WL | Water level: 0% Height/Diameter | |
| 03.08m | 0:00:16 | LUF | Line of drain/sewer deviates up [full] | |
| 03.53m | | BRF | Finish node type, major connection without manhole WP1 | <p>Image Provided - Ref: 4_9999</p> |

Total Defects for section



DRB Grade for Section



Site: 27 High Street, Barford

Section 6

| | | | | | | | |
|------------------------|---|------------------------------|---------------|-----------------------------------|---------------------|-------------|-----|
| Client: | Location (Street Name): 27 High Street | City/Town/Village Barford | Cust Job Ref. | Surveyors Name: Smart Drain UK | Date: 19/01/2024 | | |
| Start Node Ref: | MH3 | Finish Node Ref: | WP2 | Direction: | U | Height/Dia: | 100 |
| Start Node Depth: | 1.20 | Finish Node Depth: | 0.00 | Use: | F | Shape: | C |
| Start Node Coordinate: | | Finish Node Coordinate: | | Material: | PVC | Cleaned | N |

| Node Type | Cover Condition | Benching Condition | 1/2 Channel Condition | Node Condition Remarks |
|-----------|-----------------|--------------------|-----------------------|------------------------|
| MH | | | | |

| Drain Type | Lining Type | Lining Mat. | Year Const. | Weather | Flow Cont. | Length | General Remarks |
|------------|-------------|-------------|-------------|---------|------------|--------|-----------------|
| A | | | | D | N | 6.76 | |

| Position | Code | Description | CD | Pic | Video Ref |
|----------|------|--|----|-----|-----------|
| 00.00m | MH | Start node type, manhole | | 5_0 | |
| 00.00m | WL | Water level 0% | | | 0:00:00 |
| 05.24m | DEG | Attached deposits, grease 04-07 10% | | 5_2 | 0:00:49 |
| 06.14m | LUF | Line of drain/sewer deviates up [full] | | | 0:01:10 |
| 06.76m | BRF | Finish node type, major connection without | | | |

Total Defects for section

DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 6

| Pos | Video Ref | Code | Description | Image |
|--------|-----------|------|---|----------------------------------|
| 00.00m | | MH | Start node type, manhole MH3 | <p>Image Provided - Ref: 5_0</p> |
| 00.00m | 0:00:00 | WL | Water level: 0% Height/Diameter | |
| 05.24m | 0:00:49 | DEG | Attached deposits, grease from 04 o'clock to 07 o'clock: 10% Cross sectional area loss - Severity 3 | <p>Image Provided - Ref: 5_2</p> |
| 06.14m | 0:01:10 | LUF | Line of drain/sewer deviates up [full] | |
| 06.76m | | BRF | Finish node type, major connection without manhole WP2 | |

Total Defects for section



DRB Grade for Section



Site: 27 High Street, Barford

Section 7

| | | | | | | | |
|------------------------|---|------------------------------|---------------|-----------------------------------|---------------------|-------------|-----|
| Client: | Location (Street Name): 27 High Street | City/Town/Village Barford | Cust Job Ref. | Surveyors Name: Smart Drain UK | Date: 19/01/2024 | | |
| Start Node Ref: | MH3 | Finish Node Ref: | MH4 | Direction: | U | Height/Dia: | 100 |
| Start Node Depth: | 1.20 | Finish Node Depth: | 0.00 | Use: | F | Shape: | C |
| Start Node Coordinate: | | Finish Node Coordinate: | | Material: | PVC | Cleaned | N |

| Node Type | Cover Condition | Benching Condition | 1/2 Channel Condition | Node Condition Remarks |
|-----------|-----------------|--------------------|-----------------------|------------------------|
| MH | | | | |

| Drain Type | Lining Type | Lining Mat. | Year Const. | Weather | Flow Cont. | Length | General Remarks |
|------------|-------------|-------------|-------------|---------|------------|--------|-----------------|
| A | | | | D | N | 5.62 | |

| Position | Code | Description | CD | Pic | Video Ref |
|----------|------|------------------------------|----|------|-----------|
| 00.00m | MH | Start node type, manhole | | 6_0 | |
| 00.00m | WL | Water level 0% | | | 0:00:00 |
| 03.08m | JN | Junction 12 : 100mm Diameter | | 6_2 | 0:00:15 |
| 05.62m | MHF | Finish node type, manhole | | 6_99 | |

Total Defects for section

DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 7

| Pos | Video Ref | Code | Description | Image |
|--------|-----------|------|--|-------------------------------------|
| 00.00m | | MH | Start node type, manhole MH3 | <p>Image Provided - Ref: 6_0</p> |
| 00.00m | 0:00:00 | WL | Water level: 0% Height/Diameter | |
| 03.08m | 0:00:15 | JN | Junction at 12 o'clock: 100mm Diameter | <p>Image Provided - Ref: 6_2</p> |
| 05.62m | | MHF | Finish node type, manhole MH4 | <p>Image Provided - Ref: 6_9999</p> |

Total Defects for section



DRB Grade for Section



Site: 27 High Street, Barford

Section 8

| | | | | | | | |
|------------------------|---|------------------------------|---------------|-----------------------------------|---------------------|-------------|-----|
| Client: | Location (Street Name): 27 High Street | City/Town/Village Barford | Cust Job Ref. | Surveyors Name: Smart Drain UK | Date: 19/01/2024 | | |
| Start Node Ref: | MH4 | Finish Node Ref: | UPSTREAM | Direction: | U | Height/Dia: | 100 |
| Start Node Depth: | 1.10 | Finish Node Depth: | 0.00 | Use: | F | Shape: | C |
| Start Node Coordinate: | | Finish Node Coordinate: | | Material: | PVC | Cleaned: | N |

| Node Type | Cover Condition | Benching Condition | 1/2 Channel Condition | Node Condition Remarks |
|-----------|-----------------|--------------------|-----------------------|------------------------|
| MH | | | | |

| Drain Type | Lining Type | Lining Mat. | Year Const. | Weather | Flow Cont. | Length | General Remarks |
|------------|-------------|-------------|-------------|---------|------------|--------|-----------------|
| A | | | | D | N | 8.02 | |

| Position | Code | Description | CD | Pic | Video Ref |
|----------|------|---|----|------|-----------|
| 00.00m | MH | Start node type, manhole | | 7_0 | |
| 00.00m | WL | Water level 0% | | | 0:00:00 |
| 03.15m | LLQ | Line of drain/sewer deviates left [quarter] | | | 0:00:14 |
| 08.02m | OFF | Finish node type, outfall | | 7_99 | |

Total Defects for section

DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 8

| Pos | Video Ref | Code | Description | Image |
|--------|-----------|------|--|-------------------------------------|
| 00.00m | | MH | Start node type, manhole MH4 | <p>Image Provided - Ref: 7_0</p> |
| 00.00m | 0:00:00 | WL | Water level: 0% Height/Diameter | |
| 03.15m | 0:00:14 | LLQ | Line of drain/sewer deviates left [quarter] | |
| 08.02m | | OFF | Finish node type, outfall UPSTREAM OUT OF AREA | <p>Image Provided - Ref: 7_9999</p> |

Total Defects for section



DRB Grade for Section



Site: 27 High Street, Barford

Section 9

| | | | | | | | |
|------------------------|---|------------------------------|---------------|-----------------------------------|---------------------|-------------|-----|
| Client: | Location (Street Name): 27 High Street | City/Town/Village Barford | Cust Job Ref. | Surveyors Name: Smart Drain UK | Date: 19/01/2024 | | |
| Start Node Ref: | MH5 | Finish Node Ref: | RWG3 | Direction: | U | Height/Dia: | 100 |
| Start Node Depth: | 0.30 | Finish Node Depth: | 0.00 | Use: | Z | Shape: | C |
| Start Node Coordinate: | | Finish Node Coordinate: | | Material: | VC | Cleaned | N |

| Node Type | Cover Condition | Benching Condition | 1/2 Channel Condition | Node Condition Remarks |
|-----------|-----------------|--------------------|-----------------------|------------------------|
| MH | | | | |

| Drain Type | Lining Type | Lining Mat. | Year Const. | Weather | Flow Cont. | Length | General Remarks |
|------------|-------------|-------------|-------------|---------|------------|--------|-----------------|
| A | | | | D | N | 0.68 | REDUNDANT |

| Position | Code | Description | CD | Pic | Video Ref |
|----------|------|--|----|------|-----------|
| 00.00m | MH | Start node type, manhole | | 8_0 | |
| 00.00m | WL | Water level 0% | | | 0:00:00 |
| 00.27m | OJM | Open joint medium | | 8_2 | 0:00:04 |
| 00.38m | LRQ | Line of drain/sewer deviates right [quarter] | | | 0:00:08 |
| 00.68m | GYF | Finish node type Gully | | 8_99 | |

Total Defects for section

DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 9

| Pos | Video Ref | Code | Description | Image |
|--------|-----------|------|--|-------------------------------------|
| 00.00m | | MH | Start node type, manhole MH5 | <p>Image Provided - Ref: 8_0</p> |
| 00.00m | 0:00:00 | WL | Water level: 0% Height/Diameter | |
| 00.27m | 0:00:04 | OJM | Open joint medium - Severity 3 | <p>Image Provided - Ref: 8_2</p> |
| 00.38m | 0:00:08 | LRQ | Line of drain/sewer deviates right [quarter] | |
| 00.68m | | GYF | Finish node type Gully RWG3 DISUSED | <p>Image Provided - Ref: 8_9999</p> |

Total Defects for section



DRB Grade for Section



Site: 27 High Street, Barford

Section 10

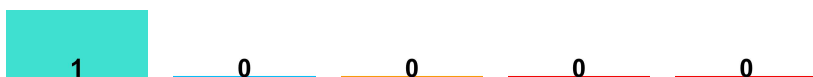
| | | | | | | | |
|------------------------|---|------------------------------|---------------|-----------------------------------|---------------------|-------------|-----|
| Client: | Location (Street Name): 27 High Street | City/Town/Village Barford | Cust Job Ref. | Surveyors Name: Smart Drain UK | Date: 19/01/2024 | | |
| Start Node Ref: | MH5 | Finish Node Ref: | WP3 | Direction: | U | Height/Dia: | 100 |
| Start Node Depth: | 0.80 | Finish Node Depth: | 0.00 | Use: | F | Shape: | C |
| Start Node Coordinate: | | Finish Node Coordinate: | | Material: | VC | Cleaned | N |

| Node Type | Cover Condition | Benching Condition | 1/2 Channel Condition | Node Condition Remarks |
|-----------|-----------------|--------------------|-----------------------|------------------------|
| MH | | | | |

| Drain Type | Lining Type | Lining Mat. | Year Const. | Weather | Flow Cont. | Length | General Remarks |
|------------|-------------|-------------|-------------|---------|------------|--------|-----------------|
| A | | | | D | N | 0.99 | |

| Position | Code | Description | CD | Pic | Video Ref |
|----------|------|--|----|------|-----------|
| 00.00m | MH | Start node type, manhole | | 9_0 | |
| 00.00m | WL | Water level 0% | | | 0:00:00 |
| 00.23m | CC | Crack, circumferential 09-02 | | 9_2 | 0:00:03 |
| 00.61m | LUF | Line of drain/sewer deviates up [full] | | | 0:00:07 |
| 00.99m | BRF | Finish node type, major connection without | | 9_99 | |

Total Defects for section



DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 10

| Pos | Video Ref | Code | Description | Image |
|--------|-----------|------|---|-------------------------------------|
| 00.00m | | MH | Start node type, manhole MH5 | <p>Image Provided - Ref: 9_0</p> |
| 00.00m | 0:00:00 | WL | Water level: 0% Height/Diameter | |
| 00.23m | 0:00:03 | CC | Crack, circumferential from 09 o'clock to 02 o'clock - Severity 1 | <p>Image Provided - Ref: 9_2</p> |
| 00.61m | 0:00:07 | LUF | Line of drain/sewer deviates up [full] | |
| 00.99m | | BRF | Finish node type, major connection without manhole WP3 | <p>Image Provided - Ref: 9_9999</p> |

Total Defects for section



DRB Grade for Section



Site: 27 High Street, Barford

Section 11

| | | | | | | | |
|------------------------|---|------------------------------|---------------|-----------------------------------|---------------------|-------------|-----|
| Client: | Location (Street Name): 27 High Street | City/Town/Village Barford | Cust Job Ref. | Surveyors Name: Smart Drain UK | Date: 19/01/2024 | | |
| Start Node Ref: | MH5 | Finish Node Ref: | RWG4 | Direction: | U | Height/Dia: | 100 |
| Start Node Depth: | 0.50 | Finish Node Depth: | 0.00 | Use: | Z | Shape: | C |
| Start Node Coordinate: | | Finish Node Coordinate: | | Material: | VC | Cleaned | N |

| Node Type | Cover Condition | Benching Condition | 1/2 Channel Condition | Node Condition Remarks |
|-----------|-----------------|--------------------|-----------------------|------------------------|
| MH | | | | |

| Drain Type | Lining Type | Lining Mat. | Year Const. | Weather | Flow Cont. | Length | General Remarks |
|------------|-------------|-------------|-------------|---------|------------|--------|-----------------|
| A | | | | D | N | 1.52 | REDUNDANT |

| Position | Code | Description | CD | Pic | Video Ref | |
|----------|------|------------------------------|----|------|-----------|--|
| 00.00m | MH | Start node type, manhole | | 10_0 | | |
| 00.00m | WL | Water level 0% | | | 0:00:00 | |
| 00.23m | JN | Junction 09 : 100mm Diameter | | 10_2 | 0:00:07 | |
| 00.30m | WL | Water level 10% | | 10_3 | 0:00:10 | |
| 00.30m | DES | Settled deposits fine 10% | | | 0:00:10 | |
| 00.30m | RJ | Roots at joint | | 10_5 | 0:00:10 | |
| 00.30m | JDM | Joint displaced medium | | 10_6 | 0:00:10 | |
| 01.52m | R | Roots | | 10_7 | 0:00:20 | |
| 01.52m | SA | Survey abandoned | | 10_9 | | |

Total Defects for section



DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 11

| Pos | Video Ref | Code | Description | Image |
|--------|-----------|------|---|-----------------------------------|
| 00.00m | | MH | Start node type, manhole MH5 | <p>Image Provided - Ref: 10_0</p> |
| 00.00m | 0:00:00 | WL | Water level: 0% Height/Diameter | |
| 00.23m | 0:00:07 | JN | Junction at 09 o'clock: 100mm Diameter | <p>Image Provided - Ref: 10_2</p> |
| 00.30m | 0:00:10 | WL | Water level: 10% Height/Diameter | <p>Image Provided - Ref: 10_3</p> |
| 00.30m | 0:00:10 | DES | Settled deposits fine: 10% Cross sectional area loss - Severity 3 | |

Total Defects for section



DRB Grade for Section



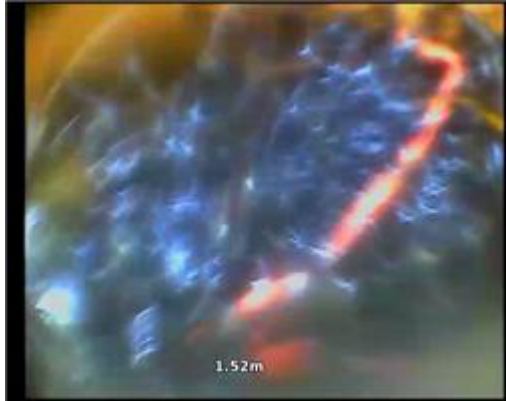
| Pos | Video Ref | Code | Description | Image |
|--------|-----------|------|-------------------------------------|-----------------------------------|
| 00.30m | 0:00:10 | RJ | Roots at joint - Severity 3 | <p>Image Provided - Ref: 10_5</p> |
| 00.30m | 0:00:10 | JDM | Joint displaced medium - Severity 3 | <p>Image Provided - Ref: 10_6</p> |
| 01.52m | 0:00:20 | R | Roots - Severity 3 | <p>Image Provided - Ref: 10_7</p> |

Total Defects for section



DRB Grade for Section



| Pos | Video Ref | Code | Description | Image |
|--------|-----------|------|---------------------------------|---|
| 01.52m | | SA | Survey abandoned CANNOT PASS | <p>Image Provided - Ref: 10_9999</p>  |

Total Defects for section



DRB Grade for Section



Site: 27 High Street, Barford

Section 12

| | | | | | |
|---------|---|------------------------------|---------------|-----------------------------------|---------------------|
| Client: | Location (Street Name): 27 High Street | City/Town/Village Barford | Cust Job Ref. | Surveyors Name: Smart Drain UK | Date: 19/01/2024 |
|---------|---|------------------------------|---------------|-----------------------------------|---------------------|

| | | | |
|------------------------|-------------------------|--------------|-----------------|
| Start Node Ref: MH5 | Finish Node Ref: RWG5 | Direction: U | Height/Dia: 100 |
| Start Node Depth: 0.40 | Finish Node Depth: 0.00 | Use: S | Shape: C |
| Start Node Coordinate: | Finish Node Coordinate: | Material: VC | Cleaned: N |

| Node Type | Cover Condition | Benching Condition | 1/2 Channel Condition | Node Condition Remarks |
|-----------|-----------------|--------------------|-----------------------|------------------------|
| MH | | | | |

| Drain Type | Lining Type | Lining Mat. | Year Const. | Weather | Flow Cont. | Length | General Remarks |
|------------|-------------|-------------|-------------|---------|------------|--------|-----------------|
| A | | | | D | N | 2.81 | |

| Position | Code | Description | CD | Pic | Video Ref |
|----------|------|--------------------------|----|------|-----------|
| 00.00m | MH | Start node type, manhole | | 11_0 | |
| 00.00m | WL | Water level 0% | | | 0:00:00 |
| 02.81m | GYF | Finish node type Gully | | 11_9 | |

Total Defects for section

DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 12

| Pos | Video Ref | Code | Description | Image |
|--------|-----------|------|---------------------------------|--------------------------------------|
| 00.00m | | MH | Start node type, manhole MH5 | <p>Image Provided - Ref: 11_0</p> |
| 00.00m | 0:00:00 | WL | Water level: 0% Height/Diameter | |
| 02.81m | | GYF | Finish node type Gully RWG5 | <p>Image Provided - Ref: 11_9999</p> |

Total Defects for section



DRB Grade for Section



Site: 27 High Street, Barford

Section 13

| | | | | | | | |
|------------------------|---|------------------------------|---------------|-----------------------------------|---------------------|-------------|-----|
| Client: | Location (Street Name): 27 High Street | City/Town/Village Barford | Cust Job Ref. | Surveyors Name: Smart Drain UK | Date: 19/01/2024 | | |
| Start Node Ref: | MH5 | Finish Node Ref: | CAPPED END | Direction: | U | Height/Dia: | 100 |
| Start Node Depth: | 0.80 | Finish Node Depth: | 0.00 | Use: | Z | Shape: | C |
| Start Node Coordinate: | | Finish Node Coordinate: | | Material: | VC | Cleaned | N |

| Node Type | Cover Condition | Benching Condition | 1/2 Channel Condition | Node Condition Remarks |
|-----------|-----------------|--------------------|-----------------------|------------------------|
| MH | | | | |

| Drain Type | Lining Type | Lining Mat. | Year Const. | Weather | Flow Cont. | Length | General Remarks |
|------------|-------------|-------------|-------------|---------|------------|--------|-----------------|
| A | | | | D | N | 3.99 | REDUNDANT |

| Position | Code | Description | CD | Pic | Video Ref | |
|----------|------|--|----|------|-----------|--|
| 00.00m | MH | Start node type, manhole | | 12_0 | | |
| 00.00m | WL | Water level 0% | | | 0:00:00 | |
| 00.00m | DES | S1 Settled deposits fine 20% | S1 | 12_2 | 0:00:00 | |
| 00.00m | CN | Connection other than junction 12 : 100mm | | 12_3 | 0:00:33 | |
| 01.52m | DES | F1 Settled deposits fine 20% | F1 | 12_- | 0:00:00 | |
| 03.99m | BRF | Finish node type, major connection without | | 12_9 | | |

Total Defects for section



DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 13

| Pos | Video Ref | Code | Description | Image |
|--------|-----------|--------|--|-----------------------------------|
| 00.00m | | MH | Start node type, manhole MH5 | <p>Image Provided - Ref: 12_0</p> |
| 00.00m | 0:00:00 | WL | Water level: 0% Height/Diameter | |
| 00.00m | 0:00:00 | S1 DES | Settled deposits fine 0m - 1.52m: 20% Cross sectional area loss - Severity 3 | <p>Image Provided - Ref: 12_2</p> |
| 00.00m | 0:00:33 | CN | Connection other than junction at 12 o'clock: 100mm Diameter REDUNDANT | <p>Image Provided - Ref: 12_3</p> |
| 01.52m | 0:00:00 | F1 DES | Settled deposits fine Defect End: 20% Cross sectional area loss - Severity 3 | |

Total Defects for section



DRB Grade for Section



| Pos | Video Ref | Code | Description | Image |
|--------|-----------|------|--|--------------------------------------|
| 03.99m | | BRF | Finish node type, major connection without manhole CAPPED END | <p>Image Provided - Ref: 12_9999</p> |

Total Defects for section



DRB Grade for Section



Site: 27 High Street, Barford

Section 14

| | | | | | | | |
|------------------------|---|------------------------------|---------------|-----------------------------------|---------------------|-------------|-----|
| Client: | Location (Street Name): 27 High Street | City/Town/Village Barford | Cust Job Ref. | Surveyors Name: Smart Drain UK | Date: 19/01/2024 | | |
| Start Node Ref: | MH5 | Finish Node Ref: | BURIED MH6 | Direction: | D | Height/Dia: | 100 |
| Start Node Depth: | 0.80 | Finish Node Depth: | 0.00 | Use: | C | Shape: | C |
| Start Node Coordinate: | | Finish Node Coordinate: | | Material: | VC | Cleaned | N |

| Node Type | Cover Condition | Benching Condition | 1/2 Channel Condition | Node Condition Remarks |
|-----------|-----------------|--------------------|-----------------------|------------------------|
| MH | | | | |

| Drain Type | Lining Type | Lining Mat. | Year Const. | Weather | Flow Cont. | Length | General Remarks |
|------------|-------------|-------------|-------------|---------|------------|--------|-----------------|
| A | | | | D | N | 9.2 | |

| Position | Code | Description | CD | Pic | Video Ref | |
|----------|------|---|----|------|-----------|--|
| 00.00m | MH | Start node type, manhole | | 13_0 | | |
| 00.00m | WL | Water level 0% | | | 0:00:00 | |
| 03.50m | FC | Fracture circumferential 12-12 | | 13_2 | 0:00:24 | |
| 04.71m | JDM | Joint displaced medium | | 13_3 | 0:00:38 | |
| 04.90m | JN | Junction 10 : 100mm Diameter | | 13_4 | 0:00:40 | |
| 05.43m | RJ | Roots at joint | | 13_5 | 0:00:43 | |
| 05.43m | JDM | Joint displaced medium | | 13_6 | 0:00:44 | |
| 05.97m | JDM | Joint displaced medium | | 13_7 | 0:00:49 | |
| 07.37m | RJ | Roots at joint | | 13_8 | 0:00:56 | |
| 07.87m | FCJ | Fracture circumferential 08-01 at joint | | 13_9 | 0:00:59 | |
| 09.20m | MHF | Finish node type, manhole | | 13_9 | | |

Total Defects for section



DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 14

| Pos | Video Ref | Code | Description | Image |
|--------|-----------|------|---|-----------------------------------|
| 00.00m | | MH | Start node type, manhole MH5 | <p>Image Provided - Ref: 13_0</p> |
| 00.00m | 0:00:00 | WL | Water level: 0% Height/Diameter | |
| 03.50m | 0:00:24 | FC | Fracture circumferential from 12 o'clock to 12 o'clock - Severity 3 | <p>Image Provided - Ref: 13_2</p> |
| 04.71m | 0:00:38 | JDM | Joint displaced medium - Severity 3 | <p>Image Provided - Ref: 13_3</p> |

Total Defects for section



DRB Grade for Section



| Pos | Video Ref | Code | Description | Image |
|--------|-----------|------|--|-----------------------------------|
| 04.90m | 0:00:40 | JN | Junction at 10 o'clock: 100mm Diameter | <p>Image Provided - Ref: 13_4</p> |
| 05.43m | 0:00:43 | RJ | Roots at joint - Severity 3 | <p>Image Provided - Ref: 13_5</p> |
| 05.43m | 0:00:44 | JDM | Joint displaced medium - Severity 3 | <p>Image Provided - Ref: 13_6</p> |

Total Defects for section



DRB Grade for Section




| Pos | Video Ref | Code | Description | Image |
|--------|-----------|------|--|-----------------------------------|
| 05.97m | 0:00:49 | JDM | Joint displaced medium - Severity 3 | <p>Image Provided - Ref: 13_7</p> |
| 07.37m | 0:00:56 | RJ | Roots at joint - Severity 3 | <p>Image Provided - Ref: 13_8</p> |
| 07.87m | 0:00:59 | FCJ | Fracture circumferential from 08 o'clock to 01 o'clock at joint - Severity 3 | <p>Image Provided - Ref: 13_9</p> |

Total Defects for section



DRB Grade for Section



| Pos | Video Ref | Code | Description | Image |
|--------|-----------|------|--------------------------------------|--|
| 09.20m | | MHF | Finish node type, manhole BURIED MH6 | <p data-bbox="962 309 1337 338">Image Provided - Ref: 13_9999</p>  |