



## Project

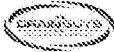
**Project Name:** 40 Little Paddocks, Ferring, Worthing, BN12 5NJ

**Project Description:** Condition and Connectivity

**Project Date:** 09/06/2020

**Inspection Standard:** MSCC5 Sewers & Drainage GB (SRM5 Scoring)





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| 40 Little Paddocks, Ferring, Worthing, BN12 5NJ |                | 09/06/2020   |

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## Project Information

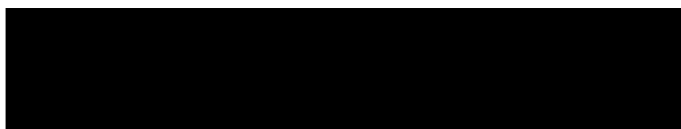
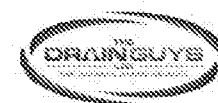
| Project Name                                    | Project Number | Project Date |
|-------------------------------------------------|----------------|--------------|
| 40 Little Paddocks, Ferring, Worthing, BN12 5NJ |                | 09/06/2020   |

### Site

**Street:** 40 Little Paddocks  
**Town or City:** Ferring  
**County:** Worthing  
**Post Code:** BN12 5NJ

### Contractor

**Company:** The Drain Guys Ltd  
**Street:** Oddstones, Codmore Hil  
**Town or City:** Pulborough  
**County:** Sussex  
**Post Code:** RH20 1FS





## Project Information

| Project Name                                    | Project Number | Project Date |
|-------------------------------------------------|----------------|--------------|
| 40 Little Paddocks, Ferring, Worthing, BN12 5NJ |                | 09/06/2020   |

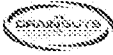
### Project Summary

The survey was carried out to ascertain connectivity.

The pipework is made up of 100mm Vitrified Clayware and Cast-Iron Material and serves Foul.

The pipework outfalls to the main sewer via an interceptor trap and a blind connection.

The pipework is being removed and replaced/reconfigured due to building works. Please see attached plan for layout.



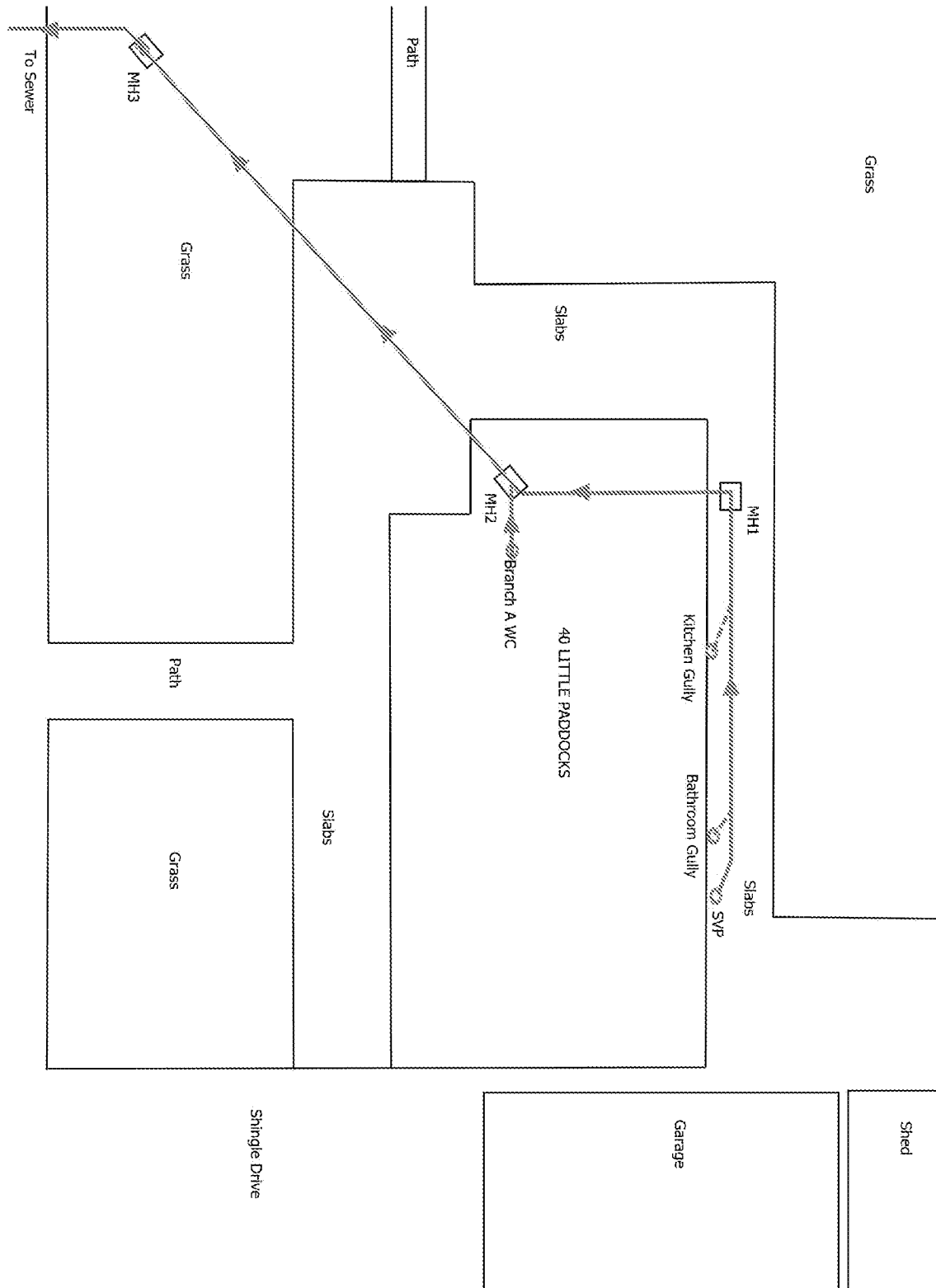
## Project Information

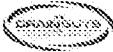
**Project Name**  
40 Little Paddocks, Ferring, Worthing, BN12 5NJ

**Project Number**

**Project Date**  
09/06/2020

## Project Drawing, Page 40 Little Paddocks, Ferring, Worthing, BN12 5NJ





## Project Pictures

| Project Name                                    | Project Number | Project Date |
|-------------------------------------------------|----------------|--------------|
| 40 Little Paddocks, Ferring, Worthing, BN12 5NJ |                | 09/06/2020   |



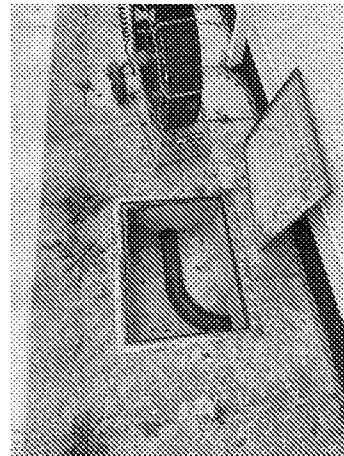
FRONT OF PROPERTY



SIDE OF PROPERTY



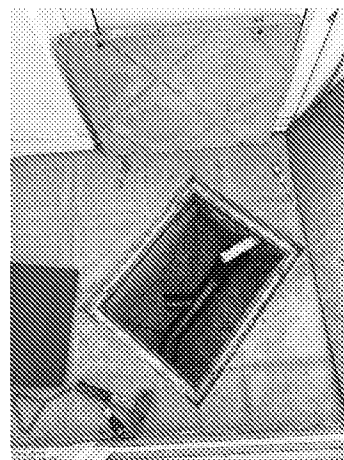
MH1



MH1.



MH1 (2)

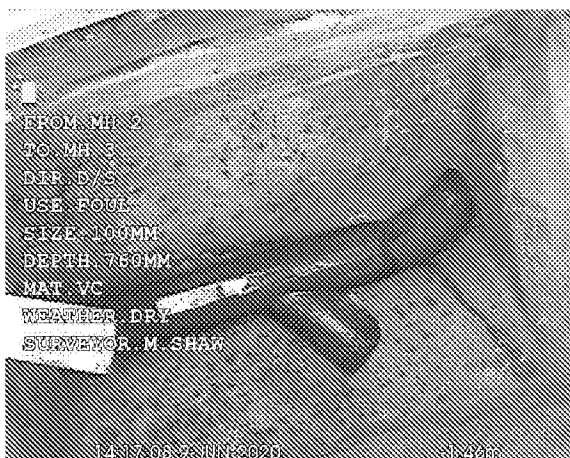


MH2 (2)

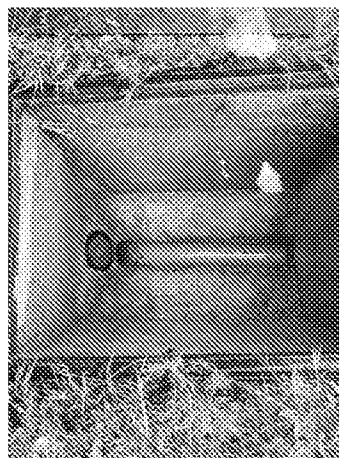


## Project Pictures

| Project Name                                    | Project Number | Project Date |
|-------------------------------------------------|----------------|--------------|
| 40 Little Paddocks, Ferring, Worthing, BN12 5NJ |                | 09/06/2020   |



MH2



MH3 (2)



MH3



## Section Inspection - 09/06/2020 - INLET X

|                         |                 |                     |               |                                   |                                |                               |                                 |
|-------------------------|-----------------|---------------------|---------------|-----------------------------------|--------------------------------|-------------------------------|---------------------------------|
| Section<br>1            | Inspection<br>1 | Date<br>09/06/20    | Time<br>12:30 | Client's Job Ref<br>Not Specified | Weather<br>No Rain Or Snow     | Pre Cleaned<br>Not Specified  | PLR<br>INLET X                  |
| Operator<br>MARTIN SHAW |                 | Vehicle<br>VAN PACK |               | Camera<br>Push Cam                | Preset Length<br>Not Specified | Legal Status<br>Not Specified | Alternative ID<br>Not Specified |

|                     |                       |                       |                |                        |         |
|---------------------|-----------------------|-----------------------|----------------|------------------------|---------|
| Town or Village:    | Ferring               | Inspection Direction: | Upstream       | Upstream Node:         | INLET   |
| Road:               | Little Paddocks       | Inspected Length:     | 4.06 m         | Upstream Pipe Depth:   |         |
| Location:           | Property or buildings | Total Length:         | 4.06 m         | Downstream Node:       | MH1     |
| Surface Type:       |                       | Joint Length:         | 0.00 m         | Downstream Pipe Depth: | 0.400 m |
| Use:                | Foul                  | Pipe Shape:           | Circular       |                        |         |
| Type of Pipe:       |                       | Dia/Height:           | 100 mm         |                        |         |
| Year Constructed:   |                       | Material:             | Vitrified clay |                        |         |
| Flow Control:       | No flow control       | Lining Type:          | No Lining      |                        |         |
| Inspection Purpose: | Routine inspection    | Lining Material:      | No Lining      |                        |         |

Comments:

Recommendations:

Scale: 1:50 Position [m] Code Observation Grade

Depth: 0.40 m  
MH1



0.00

WL

Water level, 5% of the vertical dimension

0.00

MH

Start node type, manhole, reference number: MH1

1.39

JN

Junction at 3 o'clock, diameter: 100mm: Kitchen Gully

3.58

JN

Junction at 3 o'clock, diameter: 100mm: Bathroom Gully

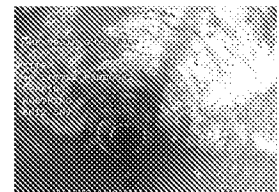
4.06

OCF

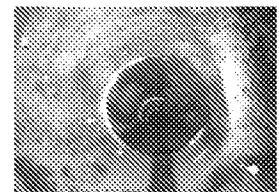
Finish node type, other special chamber, reference number: INLET: SVP

INLET

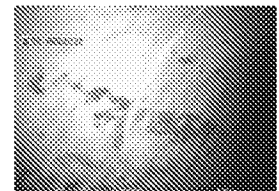
Depth: m



MH @ 0.00 m



JN @ 1.39 m



OCF @ 4.06 m

Construction Features

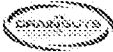
Miscellaneous Features

Structural Defects

Service & Operational Observations

| 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       |

40 Little Paddocks, Ferring, Worthing, BN12 5NJ



## Section Pictures - 09/06/2020 - INLET X

| Section | Inspection Direction | PLR     | Client's Job Ref | Contractor's Job Ref |
|---------|----------------------|---------|------------------|----------------------|
| 1       | Upstream             | INLET X |                  |                      |



INLET

X\_6ce7f86a-a5e9-49e2-bf7f-764d1e12f96e\_20200612\_12330  
4\_845.jpg, 00:00:00, 0.00 m



INLET

X\_2938fcde-5c17-4e16-965c-add3566bfb6e\_20200612\_1234  
50\_533.jpg, 00:00:24, 1.39 m



INLET

X\_c1fac8f8-d4fe-4059-8e3d-86787bc15e3a\_20200612\_12373  
0\_140.jpg, 00:00:38, 4.06 m



## Section Inspection - 09/06/2020 - MH1X

|                         |                 |                     |               |                                   |                                |                               |                                 |
|-------------------------|-----------------|---------------------|---------------|-----------------------------------|--------------------------------|-------------------------------|---------------------------------|
| Section<br>2            | Inspection<br>1 | Date<br>09/06/20    | Time<br>12:37 | Client's Job Ref<br>Not Specified | Weather<br>No Rain Or Snow     | Pre Cleaned<br>Not Specified  | PLR<br>MH1X                     |
| Operator<br>MARTIN SHAW |                 | Vehicle<br>VAN PACK |               | Camera<br>Push Cam                | Preset Length<br>Not Specified | Legal Status<br>Not Specified | Alternative ID<br>Not Specified |

|                     |                       |                       |                |                        |         |
|---------------------|-----------------------|-----------------------|----------------|------------------------|---------|
| Town or Village:    | Ferring               | Inspection Direction: | Downstream     | Upstream Node:         | MH1     |
| Road:               | Little Paddocks       | Inspected Length:     | 3.44 m         | Upstream Pipe Depth:   | 0.400 m |
| Location:           | Property or buildings | Total Length:         | 3.44 m         | Downstream Node:       | MH2     |
| Surface Type:       |                       | Joint Length:         | 0.00 m         | Downstream Pipe Depth: |         |
| Use:                | Foul                  | Pipe Shape:           | Circular       |                        |         |
| Type of Pipe:       |                       | Dia/Height:           | 100 mm         |                        |         |
| Year Constructed:   |                       | Material:             | Vitrified clay |                        |         |
| Flow Control:       | No flow control       | Lining Type:          | No Lining      |                        |         |
| Inspection Purpose: | Routine inspection    | Lining Material:      | No Lining      |                        |         |

### Comments:

### Recommendations:

Scale: 1:50 Position [m] Code Observation Grade

Depth: 0.40 m

MH1



0.00

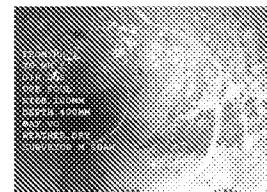
WL

Water level, 5% of the vertical dimension

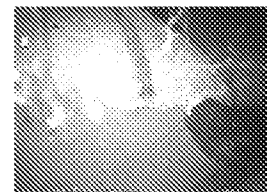
0.00

MH

Start node type, manhole, reference number: MH1



MH @ 0.00 m



MHF @ 3.44 m

3.44

MHF

Finish node type, manhole, reference number: MH2

MH2

Depth: m

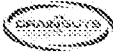
### Construction Features

#### Structural Defects

### Miscellaneous Features

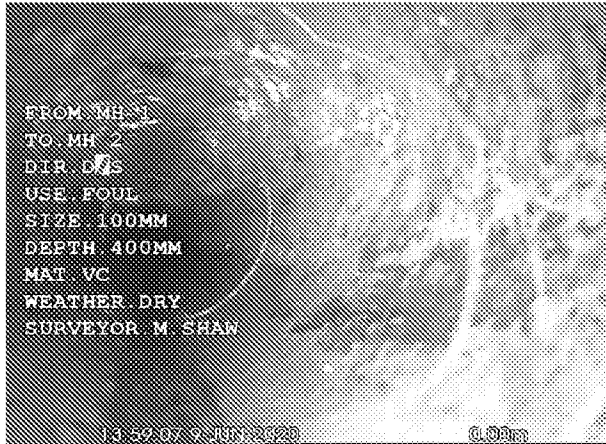
#### Service & Operational Observations

| 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 - 09/06/2020 - MH1X

| Section | Inspection Direction | PLR  | Client's Job Ref | Contractor's Job Ref |
|---------|----------------------|------|------------------|----------------------|
| 2       | Downstream           | MH1X |                  |                      |



MH1X\_e81b9753-9b49-4e68-bae3-f0b6decfb0e\_20200612\_123833\_203.jpg, 00:00:00, 0.00 m  
Start node type, manhole, reference number: MH1



MH1X\_3ad51c90-37eb-496d-8c27-056d4efdce8d\_20200612\_123910\_992.jpg, 00:00:25, 3.44 m  
Finish node type, manhole, reference number: MH2



## Section Inspection - 09/06/2020 - BRANCH A X

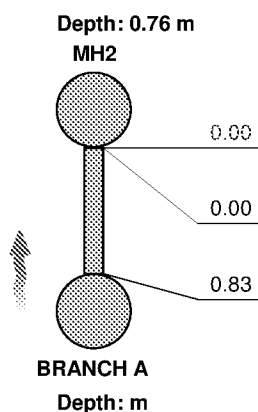
|                         |                 |                     |               |                                   |                                |                               |                                 |
|-------------------------|-----------------|---------------------|---------------|-----------------------------------|--------------------------------|-------------------------------|---------------------------------|
| Section<br>3            | Inspection<br>1 | Date<br>09/06/20    | Time<br>12:39 | Client's Job Ref<br>Not Specified | Weather<br>No Rain Or Snow     | Pre Cleaned<br>Not Specified  | PLR<br>BRANCH A X               |
| Operator<br>MARTIN SHAW |                 | Vehicle<br>VAN PACK |               | Camera<br>Push Cam                | Preset Length<br>Not Specified | Legal Status<br>Not Specified | Alternative ID<br>Not Specified |

|                     |                       |                       |                |                        |          |
|---------------------|-----------------------|-----------------------|----------------|------------------------|----------|
| Town or Village:    | Ferring               | Inspection Direction: | Upstream       | Upstream Node:         | BRANCH A |
| Road:               | Little Paddocks       | Inspected Length:     | 0.83 m         | Upstream Pipe Depth:   |          |
| Location:           | Property or buildings | Total Length:         | 0.83 m         | Downstream Node:       | MH2      |
| Surface Type:       |                       | Joint Length:         | 0.00 m         | Downstream Pipe Depth: | 0.760 m  |
| Use:                | Foul                  | Pipe Shape:           | Circular       |                        |          |
| Type of Pipe:       |                       | Dia/Height:           | 100 mm         |                        |          |
| Year Constructed:   |                       | Material:             | Vitrified clay |                        |          |
| Flow Control:       | No flow control       | Lining Type:          | No Lining      |                        |          |
| Inspection Purpose: | Routine inspection    | Lining Material:      | No Lining      |                        |          |

Comments:

Recommendations:

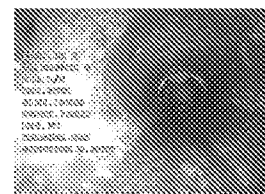
Scale: 1:50 Position [m] Code Observation Grade



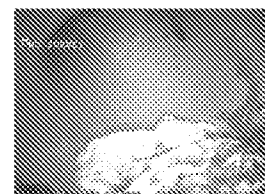
WL Water level, 5% of the vertical dimension

MH Start node type, manhole, reference number: MH2

OCF Finish node type, other special chamber, reference number: BRANCH A

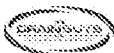


MH @ 0.00 m



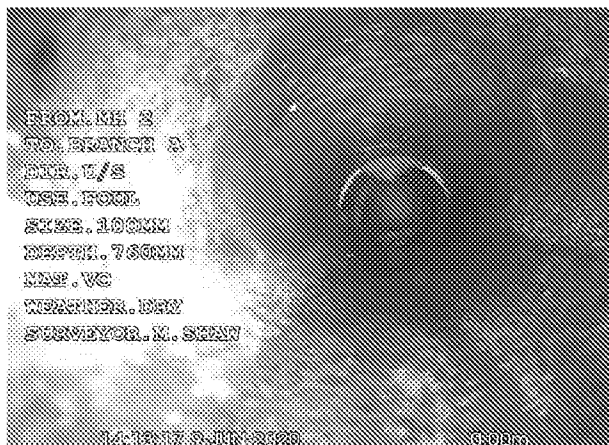
OCF @ 0.83 m

| Construction Features |          |          |           |           | Miscellaneous Features             |          |          |           |           |
|-----------------------|----------|----------|-----------|-----------|------------------------------------|----------|----------|-----------|-----------|
| Structural Defects    |          |          |           |           | Service & Operational Observations |          |          |           |           |
| 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 - 09/06/2020 - BRANCH A X

| Section | Inspection Direction | PLR        | Client's Job Ref | Contractor's Job Ref |
|---------|----------------------|------------|------------------|----------------------|
| 3       | Upstream             | BRANCH A X |                  |                      |



BRANCH A

X\_31b25d74-ce96-4e30-bdf7-4a6c9c735525\_20200612\_1240  
08\_491.jpg, 00:00:00, 0.00 m



BRANCH A

X\_8ebdb2e9-d221-4541-97f0-2700977f4b9f\_20200612\_1240  
37\_579.jpg, 00:00:15, 0.83 m



## Section Inspection - 09/06/2020 - MH2X

|                         |                 |                     |               |                                   |                                |                               |                                 |
|-------------------------|-----------------|---------------------|---------------|-----------------------------------|--------------------------------|-------------------------------|---------------------------------|
| Section<br>4            | Inspection<br>1 | Date<br>09/06/20    | Time<br>12:40 | Client's Job Ref<br>Not Specified | Weather<br>No Rain Or Snow     | Pre Cleaned<br>Not Specified  | PLR<br>MH2X                     |
| Operator<br>MARTIN SHAW |                 | Vehicle<br>VAN PACK |               | Camera<br>Push Cam                | Preset Length<br>Not Specified | Legal Status<br>Not Specified | Alternative ID<br>Not Specified |

|                     |                       |                       |                |                        |         |
|---------------------|-----------------------|-----------------------|----------------|------------------------|---------|
| Town or Village:    | Ferring               | Inspection Direction: | Downstream     | Upstream Node:         | MH2     |
| Road:               | Little Paddocks       | Inspected Length:     | 12.66 m        | Upstream Pipe Depth:   | 0.760 m |
| Location:           | Property or buildings | Total Length:         | 12.66 m        | Downstream Node:       | MH3     |
| Surface Type:       |                       | Joint Length:         | 0.00 m         | Downstream Pipe Depth: |         |
| Use:                | Foul                  | Pipe Shape:           | Circular       |                        |         |
| Type of Pipe:       |                       | Dia/Height:           | 100 mm         |                        |         |
| Year Constructed:   |                       | Material:             | Vitrified clay |                        |         |
| Flow Control:       | No flow control       | Lining Type:          | No Lining      |                        |         |
| Inspection Purpose: | Routine inspection    | Lining Material:      | No Lining      |                        |         |

Comments:

Recommendations:

Scale: 1:111 Position [m] Code Observation Grade

Depth: 0.76 m  
MH2



0.00

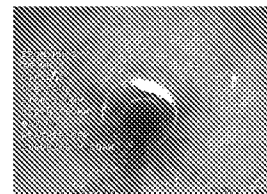
WL

Water level, 5% of the vertical dimension

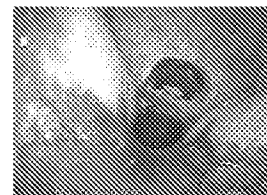
0.00

MH

Start node type, manhole, reference number: MH2



MH @ 0.00 m



MHF @ 12.66 m

12.66

MHF

Finish node type, manhole, reference number: MH3

MH3

Depth: m

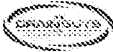
### Construction Features

#### Structural Defects

### Miscellaneous Features

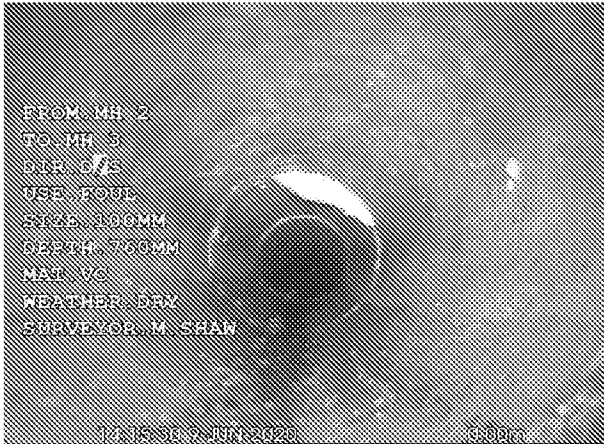
#### Service & Operational Observations

| 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 - 09/06/2020 - MH2X

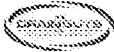
| Section | Inspection Direction | PLR  | Client's Job Ref | Contractor's Job Ref |
|---------|----------------------|------|------------------|----------------------|
| 4       | Downstream           | MH2X |                  |                      |



MH2X\_1afa7fa6-f4ad-498c-8581-4f24decbee1f\_20200612\_124158\_865.jpg, 00:00:00, 0.00 m  
Start node type, manhole, reference number: MH2



MH2X\_3dc4050a-39bf-4292-a0d1-a05d6bbe9c05\_20200612\_124302\_265.jpg, 00:00:57, 12.66 m  
Finish node type, manhole, reference number: MH3



## Section Inspection - 09/06/2020 - MH3X

|                         |                 |                     |               |                                   |                                |                               |                                 |
|-------------------------|-----------------|---------------------|---------------|-----------------------------------|--------------------------------|-------------------------------|---------------------------------|
| Section<br>5            | Inspection<br>1 | Date<br>09/06/20    | Time<br>12:43 | Client's Job Ref<br>Not Specified | Weather<br>No Rain Or Snow     | Pre Cleaned<br>Not Specified  | PLR<br>MH3X                     |
| Operator<br>MARTIN SHAW |                 | Vehicle<br>VAN PACK |               | Camera<br>Push Cam                | Preset Length<br>Not Specified | Legal Status<br>Not Specified | Alternative ID<br>Not Specified |

|                     |                       |                       |            |                        |         |
|---------------------|-----------------------|-----------------------|------------|------------------------|---------|
| Town or Village:    | Ferring               | Inspection Direction: | Downstream | Upstream Node:         | MH3     |
| Road:               | Little Paddocks       | Inspected Length:     | 7.03 m     | Upstream Pipe Depth:   | 0.900 m |
| Location:           | Property or buildings | Total Length:         | 7.03 m     | Downstream Node:       | MAIN    |
| Surface Type:       |                       | Joint Length:         | 0.00 m     | Downstream Pipe Depth: |         |
| Use:                | Foul                  | Pipe Shape:           | Circular   |                        |         |
| Type of Pipe:       |                       | Dia/Height:           | 100 mm     |                        |         |
| Year Constructed:   |                       | Material:             | Cast iron  |                        |         |
| Flow Control:       | No flow control       | Lining Type:          | No Lining  |                        |         |
| Inspection Purpose: | Routine inspection    | Lining Material:      | No Lining  |                        |         |

Comments:

Recommendations:

Scale: 1:62 Position [m] Code Observation Grade

Depth: 0.90 m  
MH3



0.00

WL

Water level, 5% of the vertical dimension

0.00

MH

Start node type, manhole, reference number: MH3

0.00

REM

General remark: SURVEYING THROUGH INTERCEPTOR TRAP

0.57

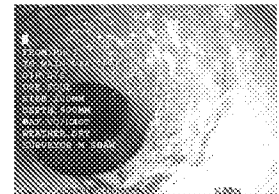
LL

Line deviates left

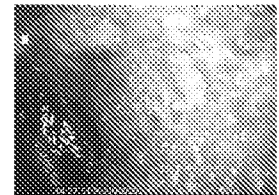
0.99

MCCI

Pipe material changes to cast iron at this point



MH @ 0.00 m



BRF @ 7.03 m

6.62

LD

Line deviates down

7.03

BRF

Finish node type, major connection without manhole, reference number: MAIN

MAIN

Depth: m

Construction Features

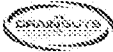
Miscellaneous Features

Structural Defects

Service & Operational Observations

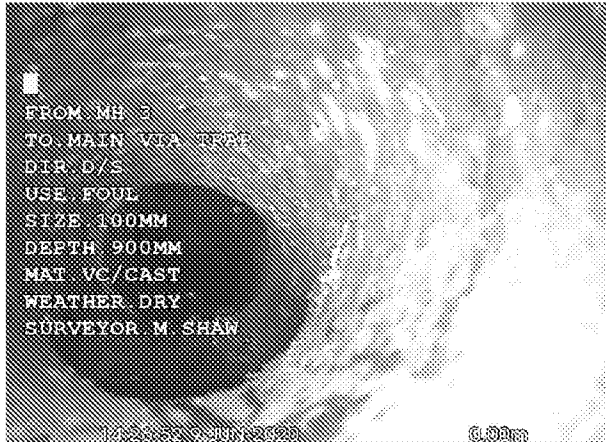
| STR No. Def | STR Peak | STR Mean | STR Total | STR Grade | SER No. Def | SER Peak | SER Mean | SER Total | SER Grade |
|-------------|----------|----------|-----------|-----------|-------------|----------|----------|-----------|-----------|
| 0           | 0.0      | 0.0      | 0.0       | 1.0       | 0           | 0.0      | 0.0      | 0.0       | 1.0       |

40 Little Paddocks, Ferring, Worthing, BN12 5NJ

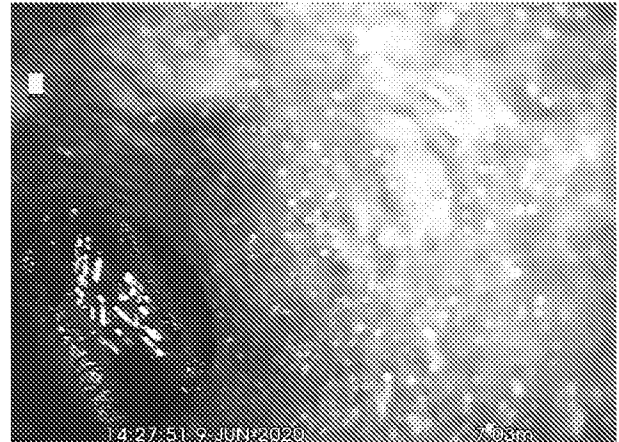


## Section Pictures - 09/06/2020 - MH3X

| Section | Inspection Direction | PLR  | Client's Job Ref | Contractor's Job Ref |
|---------|----------------------|------|------------------|----------------------|
| 5       | Downstream           | MH3X |                  |                      |



MH3X\_aaf487c7-fc8a-443a-9460-26c2c92f19c2\_20200612\_1  
24409\_604.jpg, 00:00:00, 0.00 m  
Start node type, manhole, reference number: MH3



MH3X\_b41864fa-301f-4edc-bf7f-dcfacde1cd7c\_20200612\_12  
4546\_390.jpg, 00:01:00, 7.03 m  
Finish node type, major connection without manhole, reference