

Contractor Job Reference: 2929

Client Job Reference:

Client Details:

Company Name: SWEETT GROUP
Contact Person: PAUL CHAMINGS
Address Line 1: KENSINGTON COURT
Address Line 2: WOODWATER PARK
Address Line 3: PYNES HILL
Address Line 4: RYDON LANE EXETER EX2 5TY
Telephone: 01392 813 043
FAX: 01392 813 041
Internet: paul.chamings@sweettgroup.com
Email: www.sweettgroup.com

Contractor Details:

Company Name: SOUTHWEST DRAINS LTD
Contact Person: JOE WOOD
Address Line 1: 9 PAARDEBERG ROAD
Address Line 2: BODMIN
Address Line 3: CORNWALL
Address Line 4: PL31 1EY
Telephone: 01872 540209
Internet: www.southwestdrainsltd.co.uk
Email: southwestdrains@live.co.uk

Contractor Job Reference: 2929

Client Job Reference:

1.

Occurrences without damage: for example, laterals, joints etc.

NO DEFECTS WERE DETECTED

2.

Constructional deficiencies or occurrences with insignificant influence to tightness, hydraulic or static pressure of pipe: for example wide joints, badly torched intakes, minor deformation of plastic pipes, minor erosions etc.

REHABILITATION CAN BE SCHEDULED LONG-TERM

3.

Constructional deficiencies diminishing static, hydraulic and tightness: for example, open joints, untorched intakes, cracks, minor damages to pipe wall, individual root penetrations, corroded pipe walls etc.

REHABILITATION IS NECESSARY MEDIUM-TERM WITHIN 2 TO 5 YEARS

4.

Constructional damages with nonsufficient static safety, hydraulic or tightness :for example axial/radial pipe bursts, pipe deformations, visually noticeable infiltration/exfiltration, cavities in pipe-wall, severe protruding, laterals severe root penetrations, severe c corrosion of pipe walls etc.

REHABILITATION PROCEDURE IS URGENT AND HAS TO BE COMPLETED AS A PRIORITY. NECESSITY FOR EMERGENCY OPERATIONS HAS TO BE EXAMINED

5.

Pipe is already or will shortly be impermeable: for example collapsed pipe, deeply rooted pipe or other drainage obstructions. Pipe loses water or danger of backwater in basements etc.

REHABILITATION IS URGENT AND SHORT TERM. IN ORDER TO PREVENT FURTHER DAMAGE, NECESSARY TEMPORARY SPOT REPAIR HAS TO BE CONDUCTIED ON EMERGENCY LEVEL

Contractor Job Reference: 2929

Client Job Reference:

Notes:

FOUL WATER SYSTEM PAGES = 0 - 97

STORM WATER SYSTEM PAGES = 98 - 122

MAN HOLE DEPTHS =

FWMH1 = 0.77 meters (MAN HOLE LID BROKE DURING LIFTING)

FWMH2 = 0.77 meters

FWMH3 = 0.95 meters

FWMH4 = 0.69 meters

FWMH5 = 1.02 meters

FWMH6 = 0.91 meters (INTERCEPTOR IN MAN HOLE)

FWMH7 = 0.22 meters

FWMH8 = 1.28 meters

FWMH9 = 2.31 meters (MAN HOLE FRAME CRACKED)

FWMH10 = 0.67 metres (MAN HOLE LID BROKE DURING LIFTING)

FWMH11 = 0.48 meters

FWMH12 = 0.46 metres

FWMH13 = 0.61 metres

FWMH14 = 0.79 metres

FWMH15 = 0.70 metres

SWMH1 = 0.66 metres

SWMH2 = 1.28 metres

SWMH3 = HIDDEN / BURIED

SWMH4 = 0.69 metres (MAIN STORM DRAIN IN ROAD)



Survey Header Details

Contractor Job Reference: 2929

Client Job Reference:

Client

SWEETT GROUP

Name of Surveyor

JOE WOOD

Contractor's Job reference

2929

Drainage Area

SITE

Location (Street Name)

OLD SCHOOL

Location (Town or Village)

ST MARYS

Purpose of Inspection

Investment planning

Weather

No rain or snow

Temperature (C)

Temperature is above freezing

Method of Inspection

CCTV

Video Image Storage

Video DVD

Video Image Location System

The recording time in hours, minutes and seconds since the start of the tape (Preferred)

Photographic Storage

Still photographs

Site Address Line 3

ISLES OF SCILLY

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

1

Date

06/11/2015

Time

13:00

Location Type Code

Under a permanent building

Start Node Reference

FWMH1 SPUR1

Depth at Start Node (m)

0.77

Finish Node Reference

GULLY 1

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey upstream (camera pointing against flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Vitrified clay (i.e. all clayware)

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:

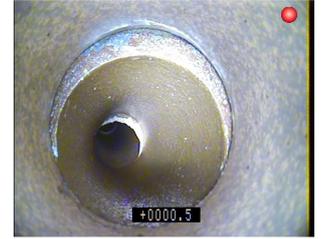
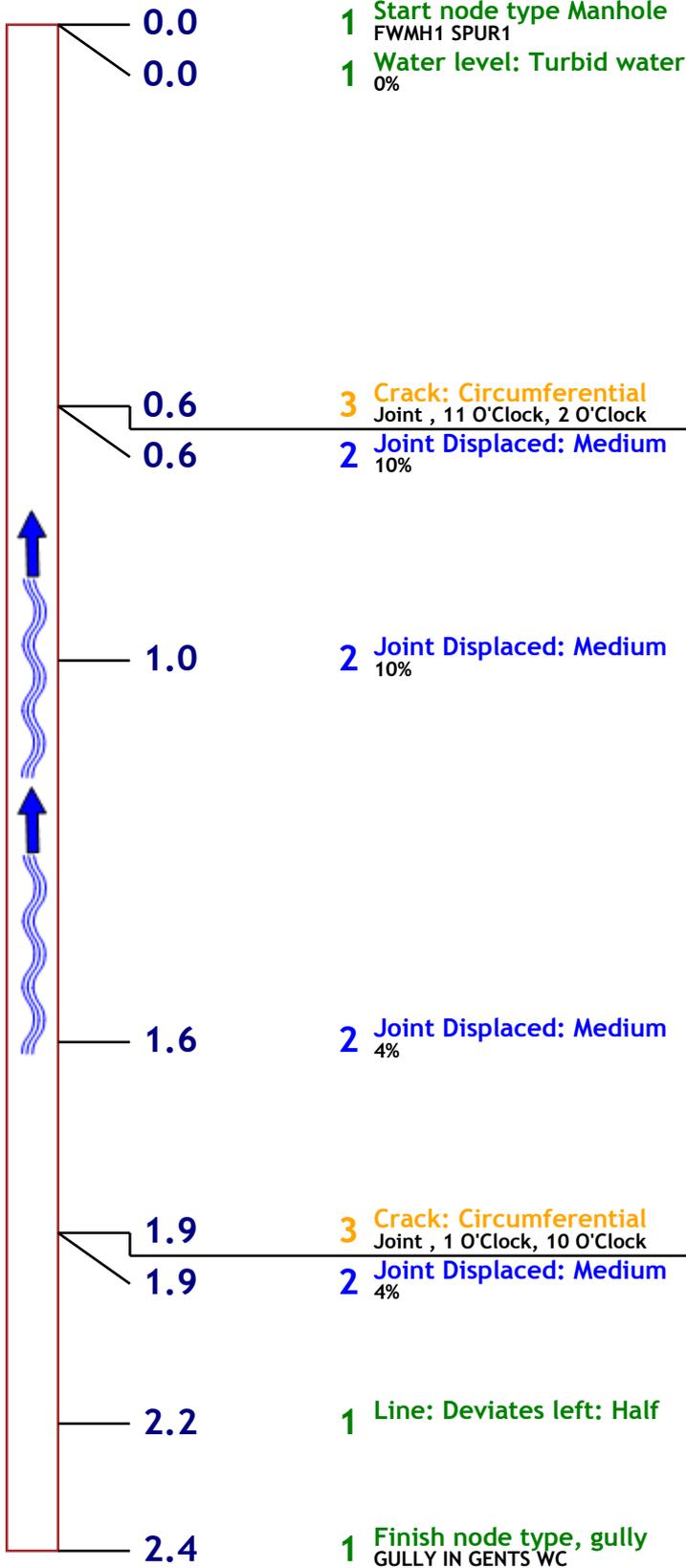


Image Ref 1



Image Ref 2

Contractor Job Reference: 2929

Client Job Reference:



Image Ref 1



Image Ref 2

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

2

Date

06/11/2015

Time

13:00

Location Type Code

Under a permanent building

Start Node Reference

FWMH1 SPUR2

Depth at Start Node (m)

0.77

Finish Node Reference

WC

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey upstream (camera pointing against flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Vitrified clay (i.e. all clayware)

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

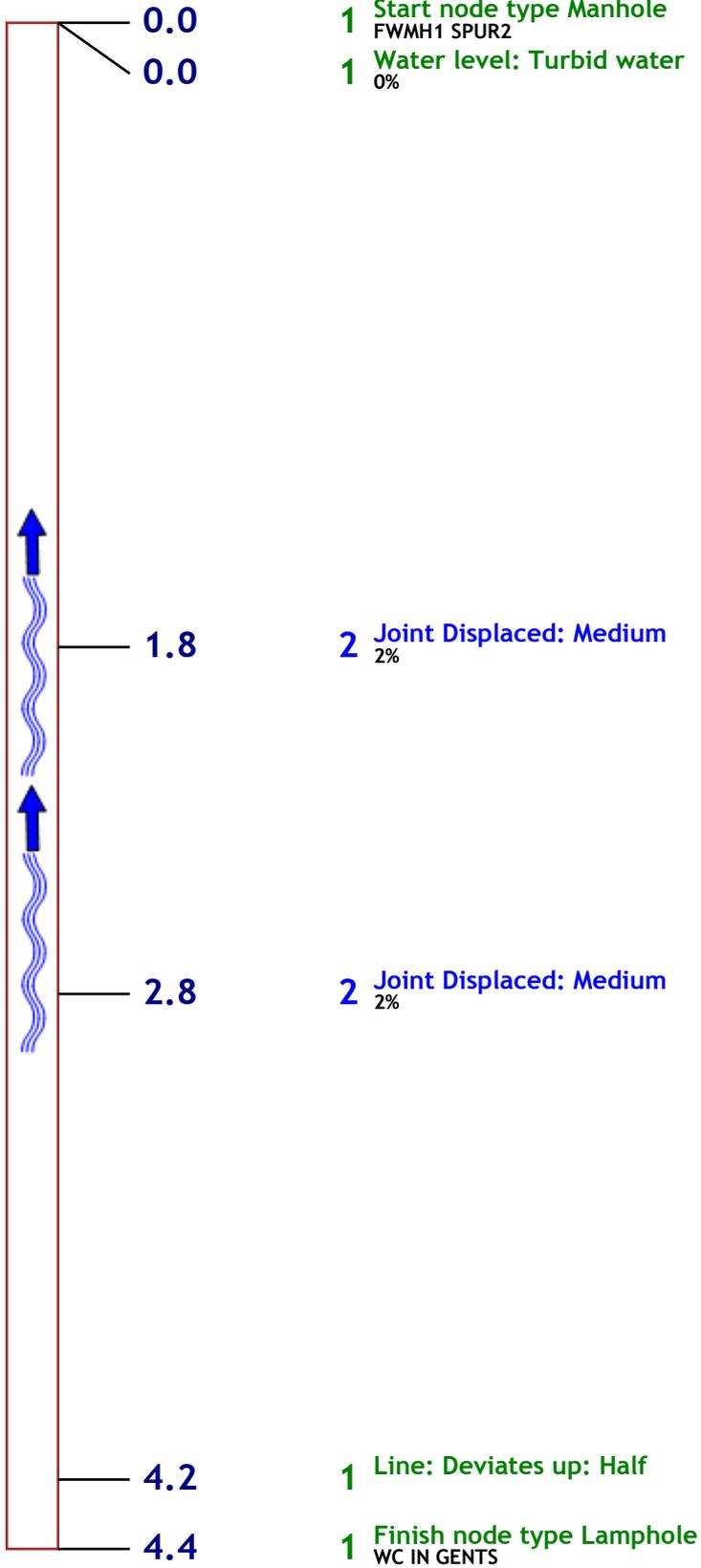
Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:



Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

3

Date

06/11/2015

Time

13:00

Location Type Code

Under a permanent building

Start Node Reference

FWMH1 SPUR3

Depth at Start Node (m)

0.77

Finish Node Reference

WC 2

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey upstream (camera pointing against flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Vitrified clay (i.e. all clayware)

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

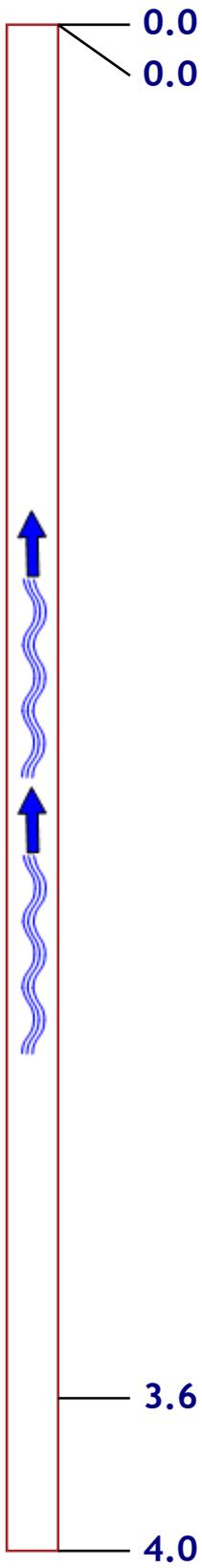
Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:



- 1 Start node type Manhole
FWMH1 SPUR3
- 2 Water level: Turbid water
4%, HOLDING WATER

1 Line: Deviates up: Half

1 Finish node type Lamphole
WC2 IN GENTS

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

4

Date

06/11/2015

Time

13:00

Location Type Code

Property with buildings

Start Node Reference

FWMH1 SPUR4

Depth at Start Node (m)

0.77

Finish Node Reference

VENT PIPE

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey upstream (camera pointing against flow)

Height or Diameter (mm)

75

Shape

Circular

Material

Unidentified type of iron or steel

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

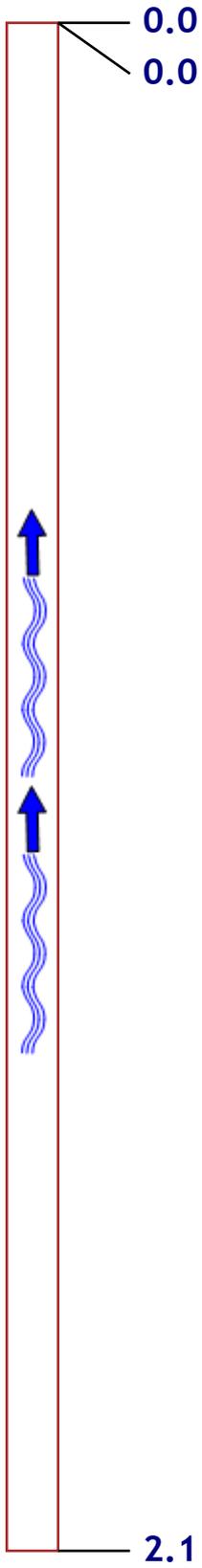
Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:



1 Start node type Manhole
FWMH1 SPUR4

1 Water level: Turbid water
0%

1 Finish node type Lamphole
VENT PIPE

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

5

Date

06/11/2015

Time

13:00

Location Type Code

Property with buildings

Start Node Reference

FWMH1

Depth at Start Node (m)

0.77

Finish Node Reference

GULLY 2

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey upstream (camera pointing against flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Vitrified clay (i.e. all clayware)

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

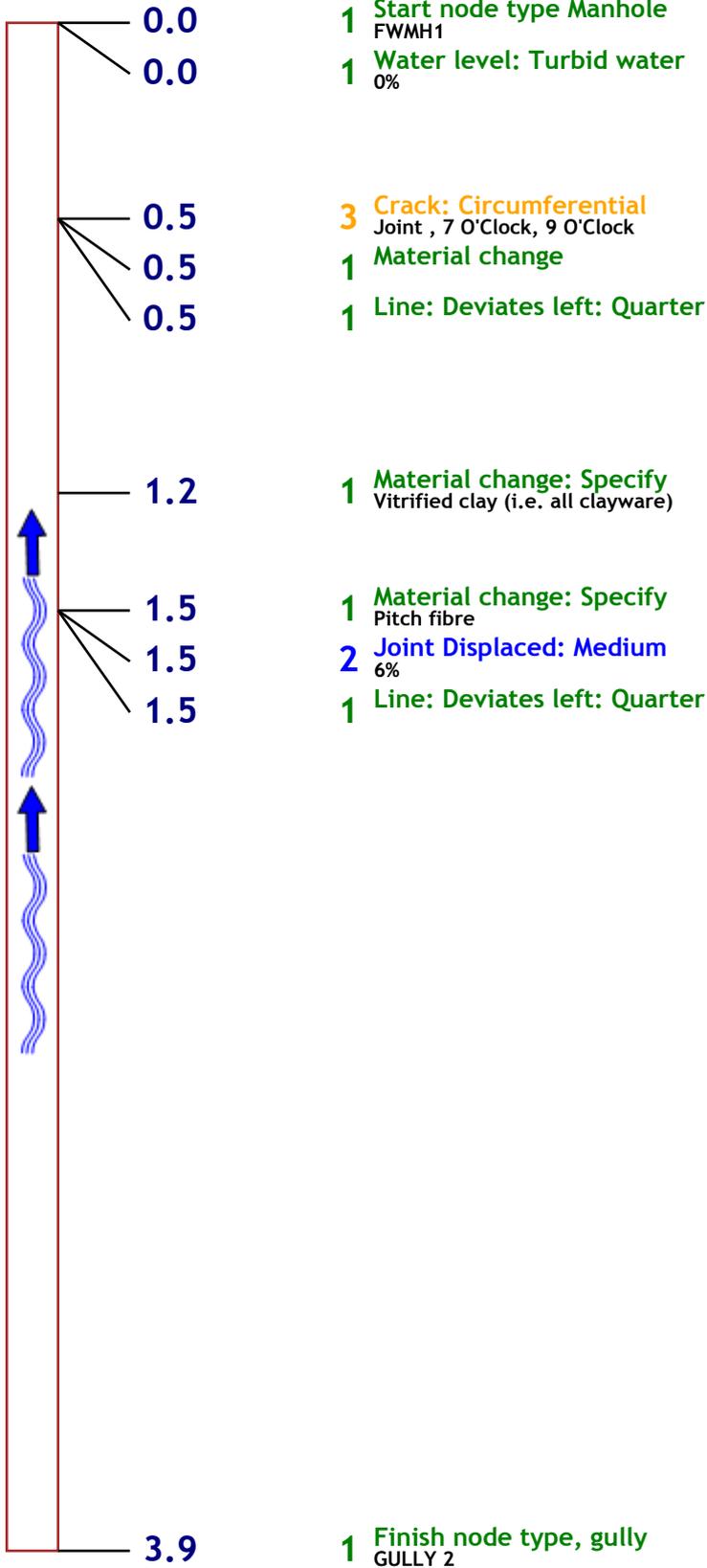
Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:



Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

6

Date

06/11/2015

Time

13:00

Location Type Code

Property with buildings

Start Node Reference

FWMH1

Depth at Start Node (m)

0.77

Finish Node Reference

FWMH2

Depth at Finish Node (m)

0.77

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey downstream (camera pointing with flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Vitrified clay (i.e. all clayware)

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

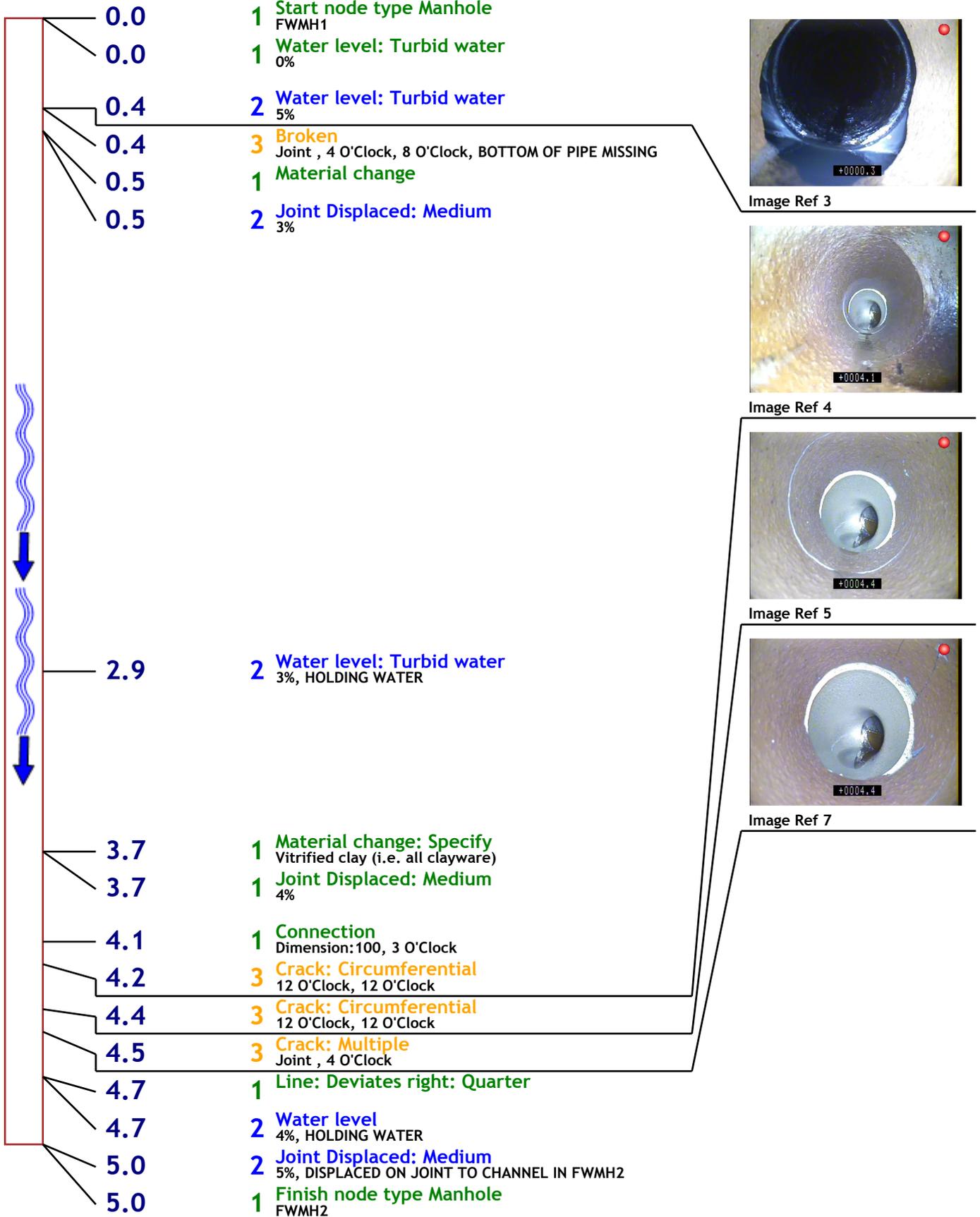
Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:



Contractor Job Reference: 2929

Client Job Reference:



Image Ref 3



Image Ref 4



Image Ref 5

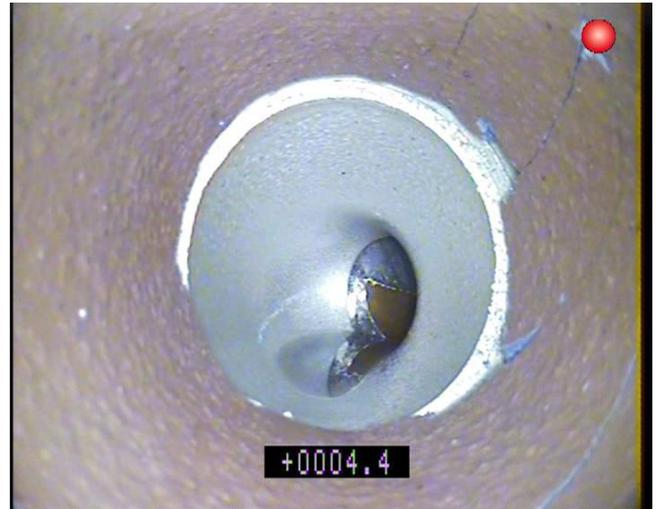


Image Ref 7

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

7

Date

06/11/2015

Time

13:00

Location Type Code

Property with buildings

Start Node Reference

FWMH2 SPUR1

Depth at Start Node (m)

0.77

Finish Node Reference

GULLY

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey upstream (camera pointing against flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Pitch fibre

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

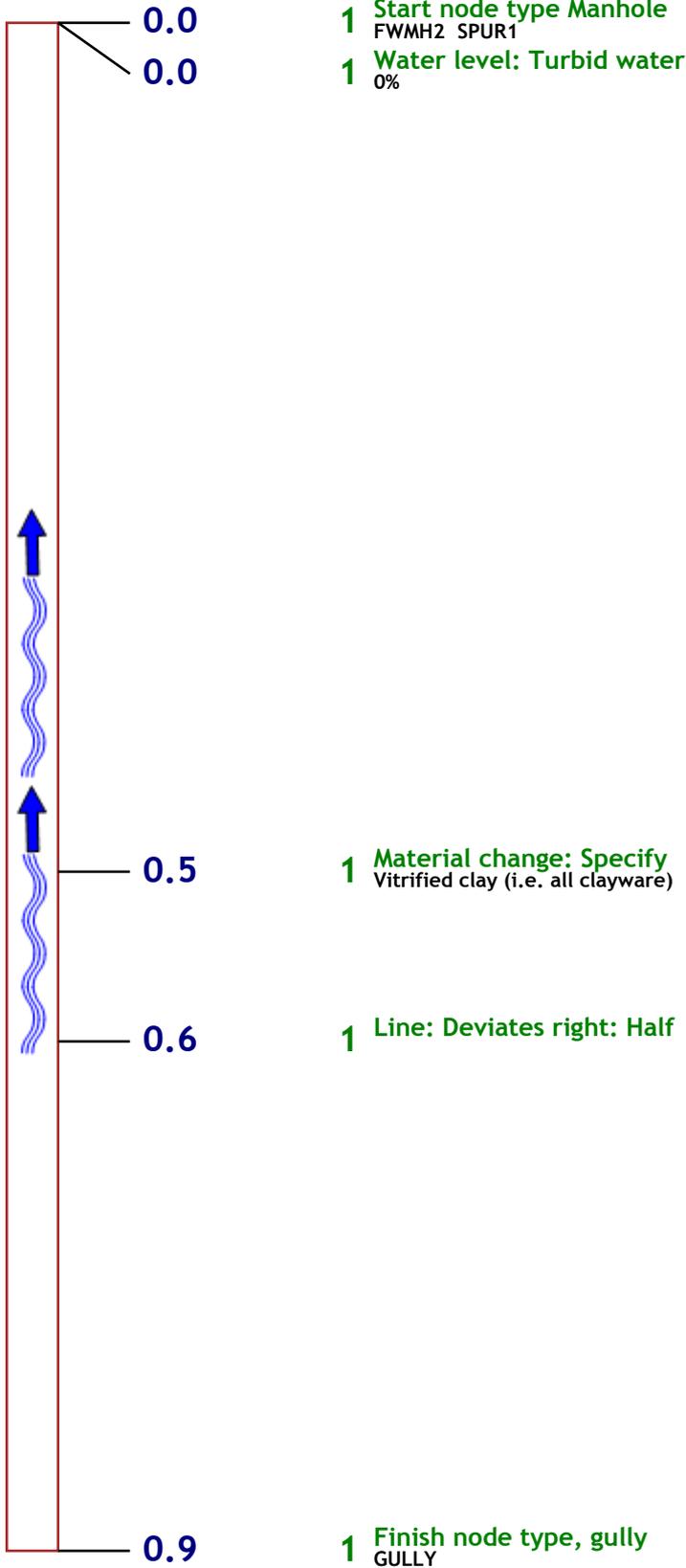
Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:



Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

8

Date

06/11/2015

Time

13:00

Location Type Code

Under a permanent building

Start Node Reference

FWMH2 SPUR2

Depth at Start Node (m)

0.77

Finish Node Reference

WC

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey upstream (camera pointing against flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Vitrified clay (i.e. all clayware)

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

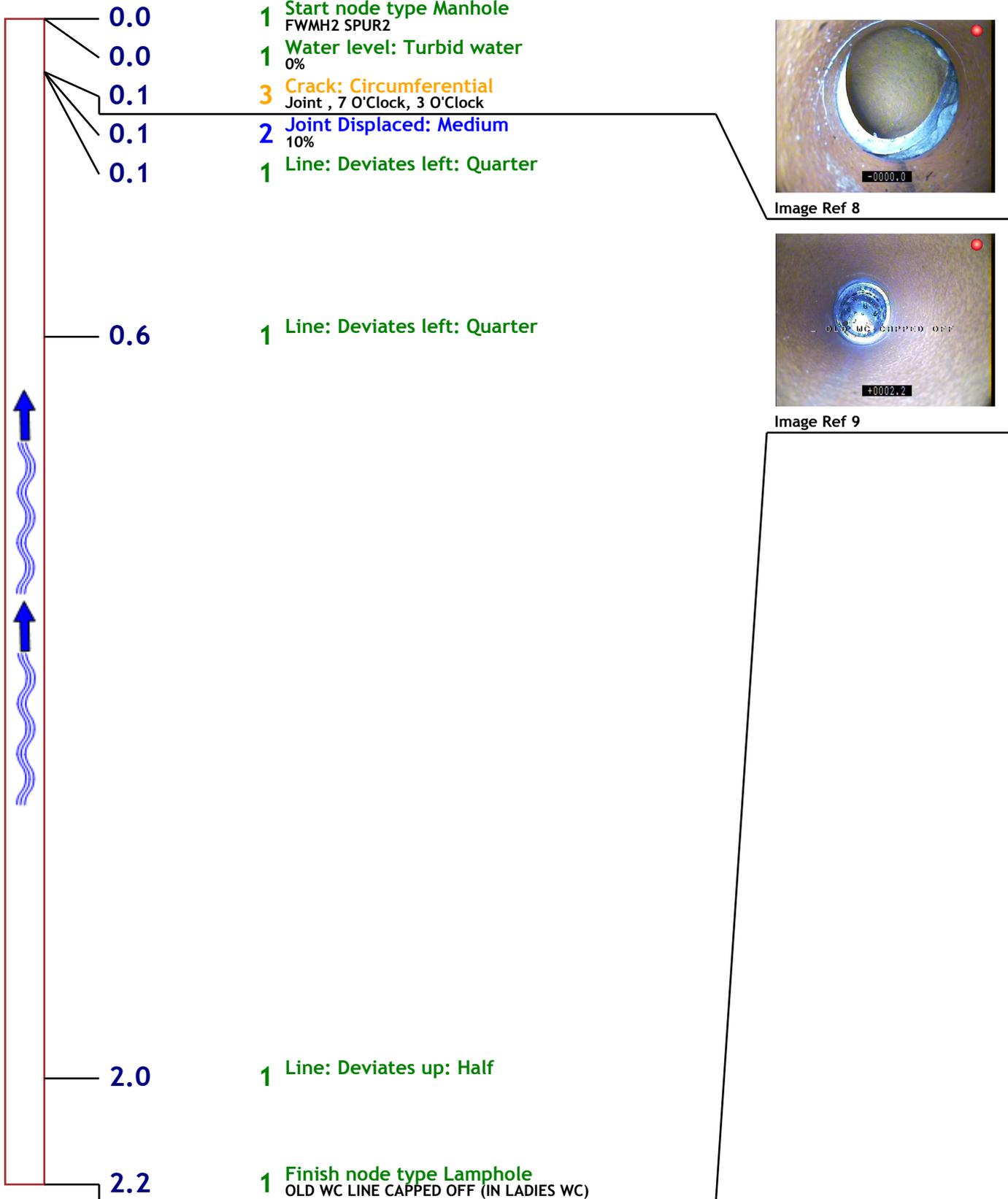
Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:



Contractor Job Reference: 2929

Client Job Reference:

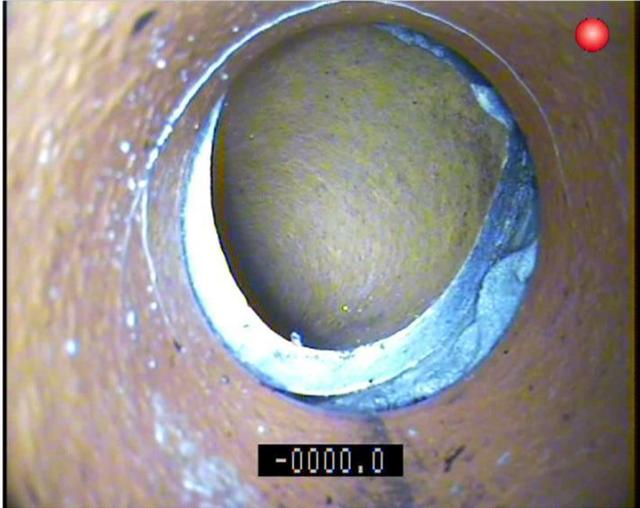


Image Ref 8



Image Ref 9

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

9

Date

06/11/2015

Time

13:00

Location Type Code

Property with buildings

Start Node Reference

FWMH2 SPUR3

Depth at Start Node (m)

0.77

Finish Node Reference

SVP

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey upstream (camera pointing against flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Polyvinyl chloride

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

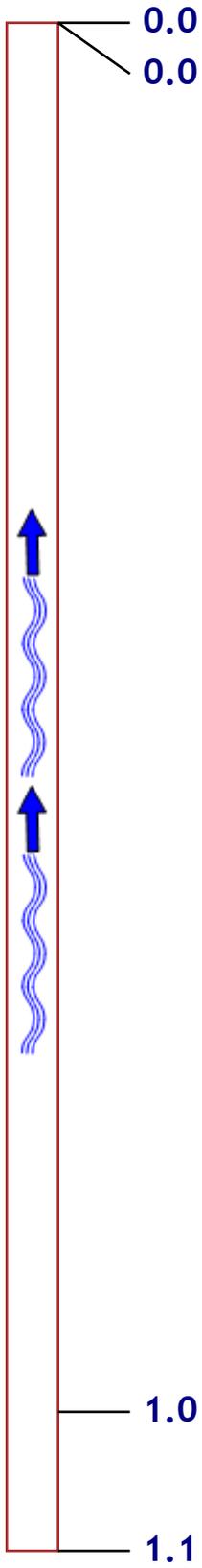
Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:



1 Start node type Manhole
FWMH2 SPUR3

1 Water level: Turbid water
0%

1 Line: Deviates up: Half

1 Finish node type Lamphole
STACK VENT PIPE

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

10

Date

06/11/2015

Time

13:00

Location Type Code

Property with buildings

Start Node Reference

FWMH2

Depth at Start Node (m)

0.77

Finish Node Reference

FWMH3

Depth at Finish Node (m)

0.95

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey downstream (camera pointing with flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Pitch fibre

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

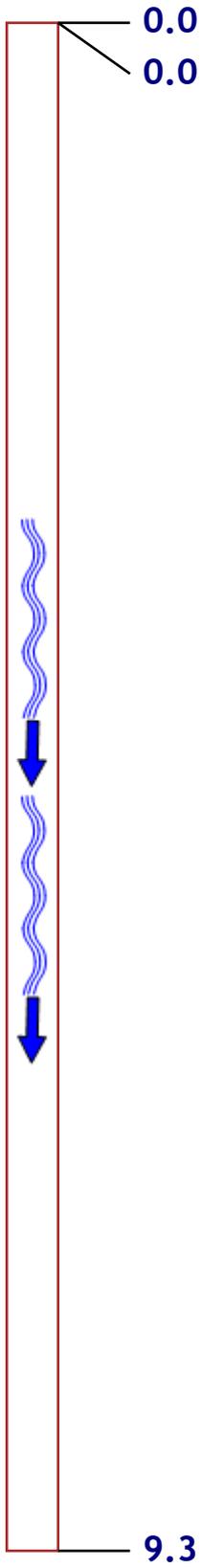
Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:



- 1 Start node type Manhole
FWMH2
- 1 Water level: Turbid water
0%

- 1 Finish node type Manhole
FWMH3

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

11

Date

06/11/2015

Time

13:00

Location Type Code

Property with buildings

Start Node Reference

FWMH3

Depth at Start Node (m)

0.95

Finish Node Reference

FWMH4

Depth at Finish Node (m)

0.69

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey downstream (camera pointing with flow)

Height or Diameter (mm)

150

Shape

Circular

Material

Vitrified clay (i.e. all clayware)

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

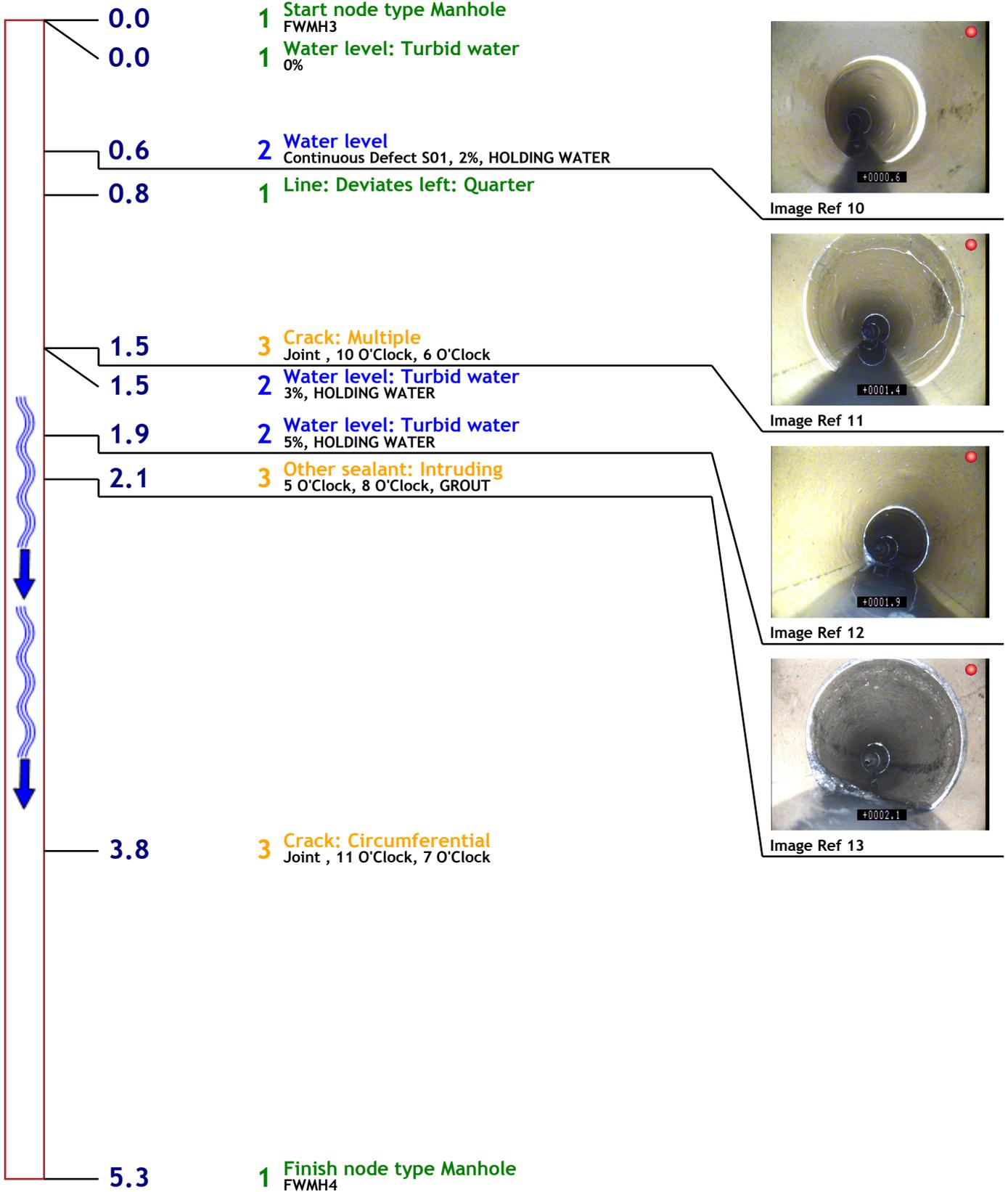
Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:



Contractor Job Reference: 2929

Client Job Reference:



Image Ref 10



Image Ref 11



Image Ref 12



Image Ref 13

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

12

Date

06/11/2015

Time

13:00

Location Type Code

Other: OFF BOUNDRY (IN NEIGHBOURING PROPERTY)

Start Node Reference

FWMH4

Depth at Start Node (m)

0.69

Finish Node Reference

FWMH5

Depth at Finish Node (m)

1.02

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey downstream (camera pointing with flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Vitrified clay (i.e. all clayware)

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

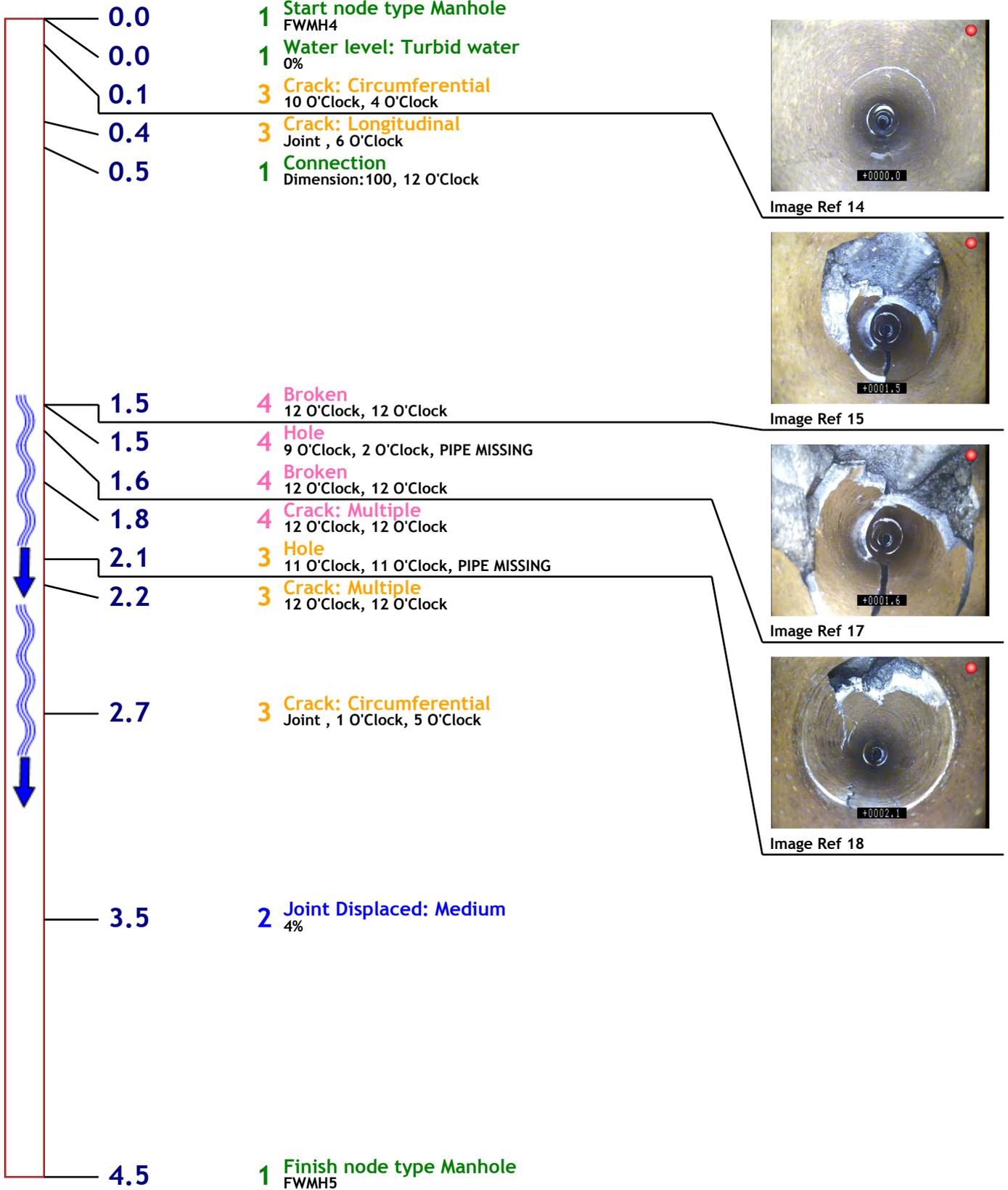
Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:



Contractor Job Reference: 2929

Client Job Reference:

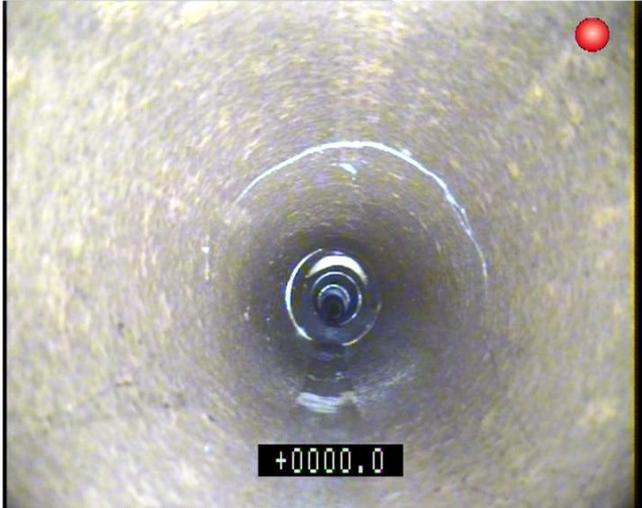


Image Ref 14



Image Ref 15



Image Ref 17



Image Ref 18

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

13

Date

06/11/2015

Time

13:00

Location Type Code

Other: OFF BOUNDRY (IN NEIGHBOURING PROPERTY)

Start Node Reference

FWMH5

Depth at Start Node (m)

1.02

Finish Node Reference

FWMH6

Depth at Finish Node (m)

0.91

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey downstream (camera pointing with flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Vitrified clay (i.e. all clayware)

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:

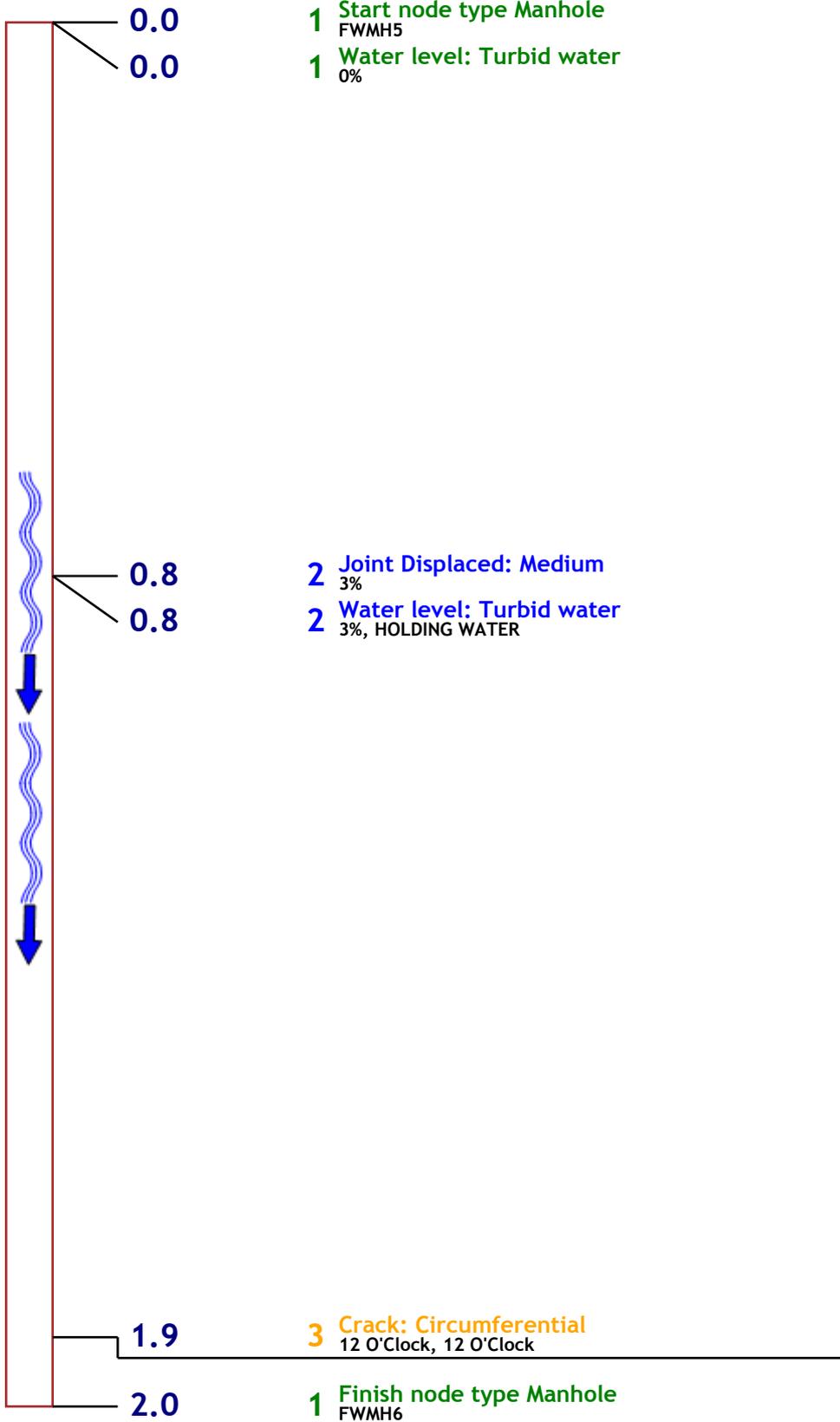


Image Ref 19

Contractor Job Reference: 2929

Client Job Reference:



Image Ref 19

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

14

Date

06/11/2015

Time

13:00

Location Type Code

Other: OFF BOUNDRY (IN NEIGHBOURING PROPERTY)

Start Node Reference

FWMH6

Depth at Start Node (m)

0.91

Finish Node Reference

MAIN SEWER

Depth at Finish Node (m)

1.44

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey downstream (camera pointing with flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Vitrified clay (i.e. all clayware)

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:

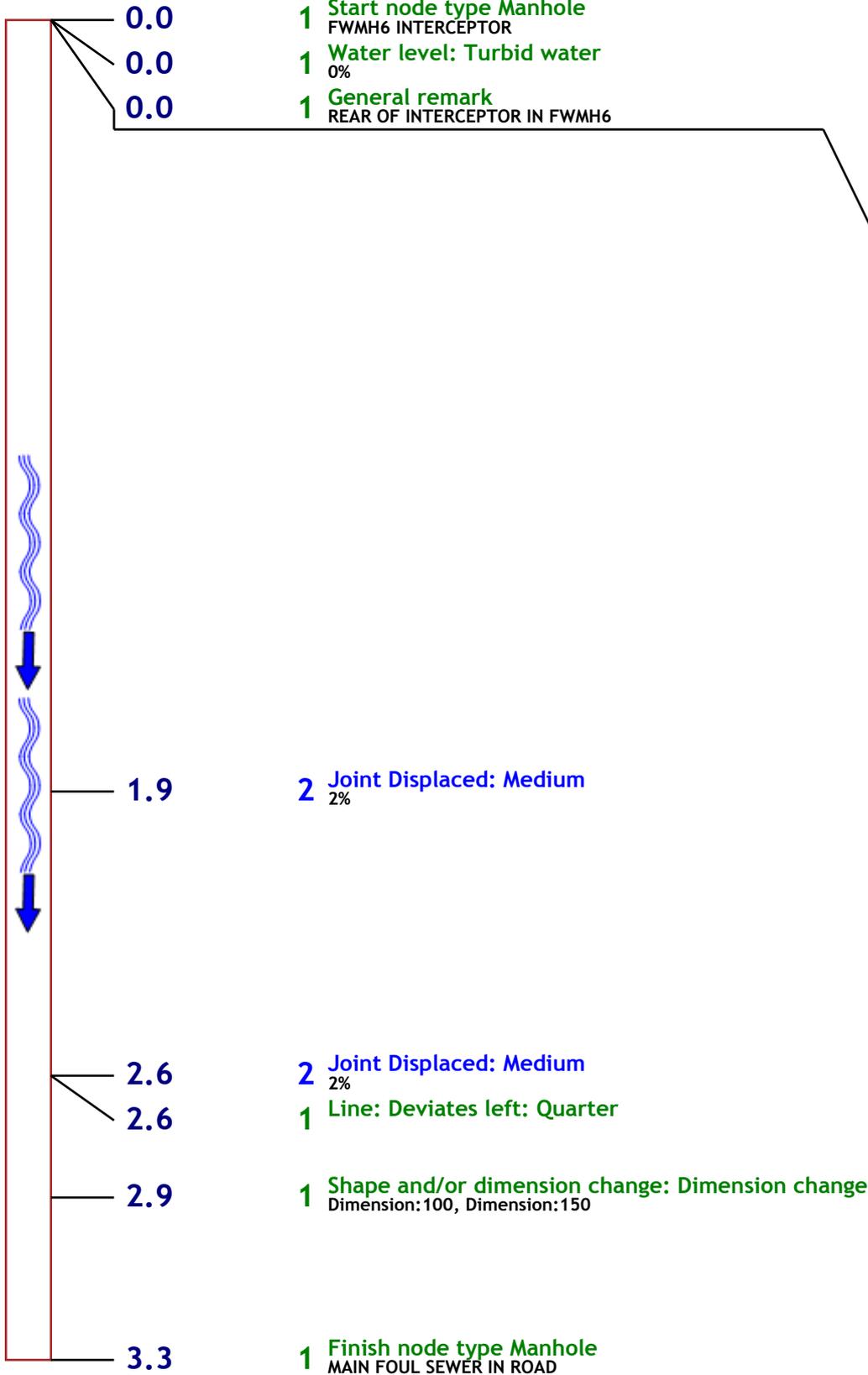


Image Ref 20

Contractor Job Reference: 2929

Client Job Reference:



Image Ref 20

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

15

Date

06/11/2015

Time

13:00

Location Type Code

Under a permanent building

Start Node Reference

FWMH7 SPUR1

Depth at Start Node (m)

0.22

Finish Node Reference

GULLY

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey upstream (camera pointing against flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Vitrified clay (i.e. all clayware)

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

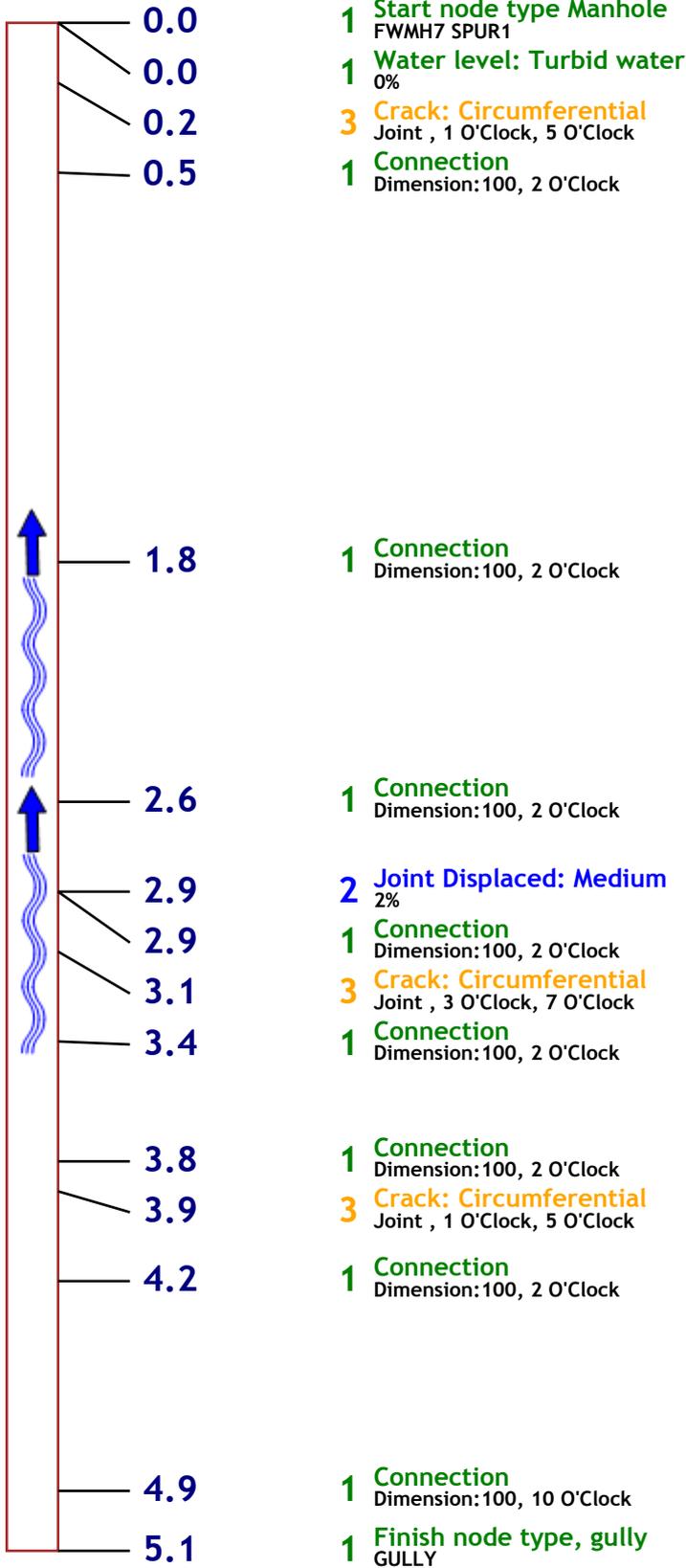
Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:



Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

16

Date

06/11/2015

Time

13:00

Location Type Code

Property with buildings

Start Node Reference

FWMH7

Depth at Start Node (m)

0.22

Finish Node Reference

GULLY

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey upstream (camera pointing against flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Vitrified clay (i.e. all clayware)

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

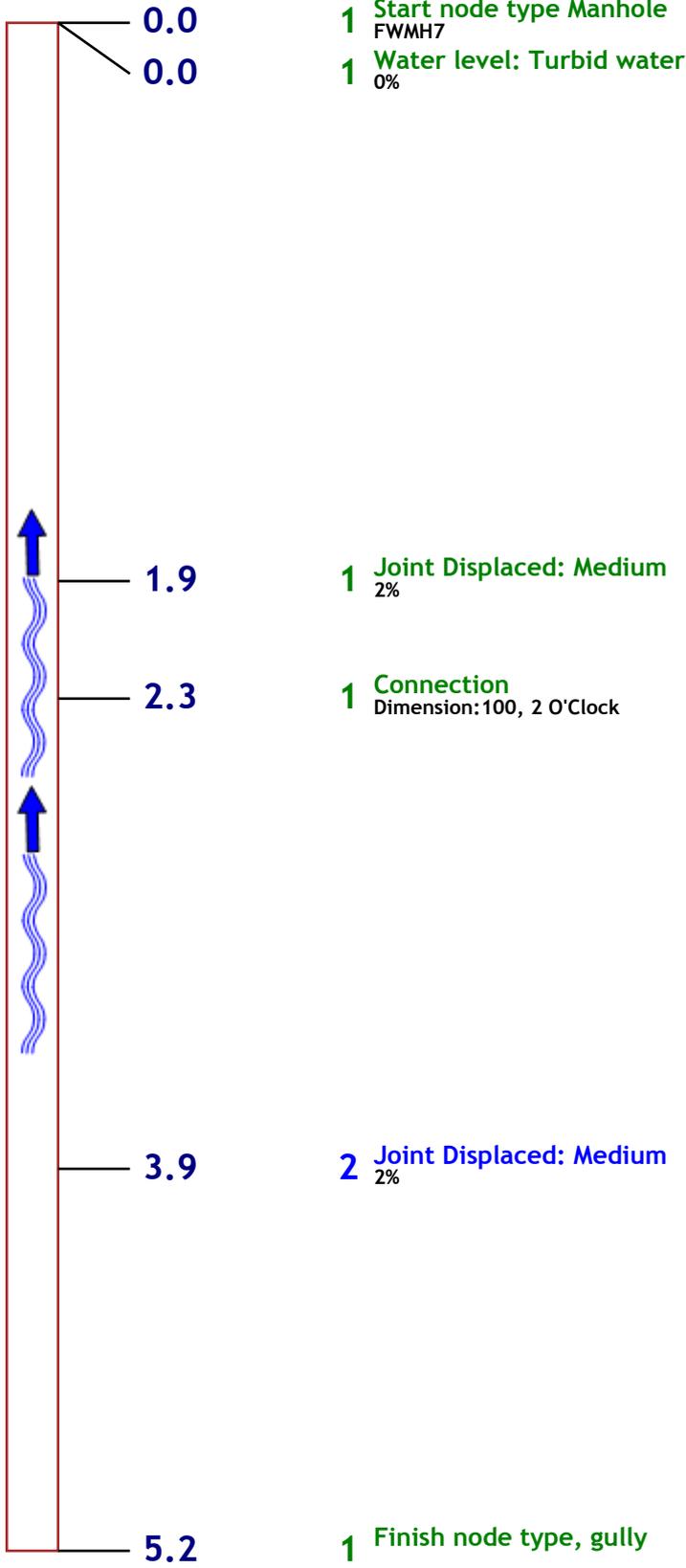
Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:



Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

17

Date

06/11/2015

Time

13:00

Location Type Code

Property with buildings

Start Node Reference

FWMH7

Depth at Start Node (m)

0.22

Finish Node Reference

FWMH8

Depth at Finish Node (m)

1.28

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey downstream (camera pointing with flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Vitrified clay (i.e. all clayware)

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

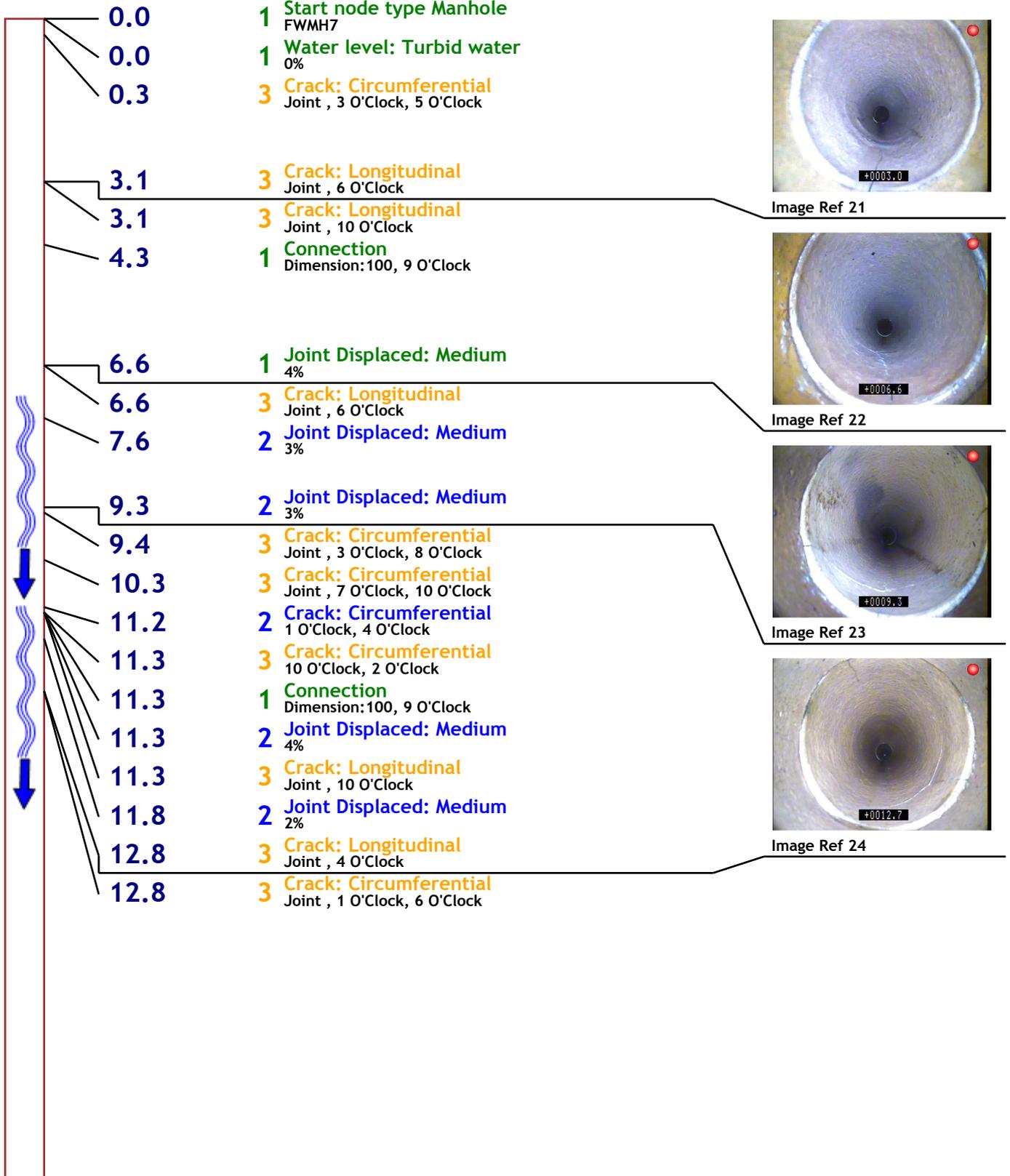
Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:



Contractor Job Reference: 2929

Client Job Reference:

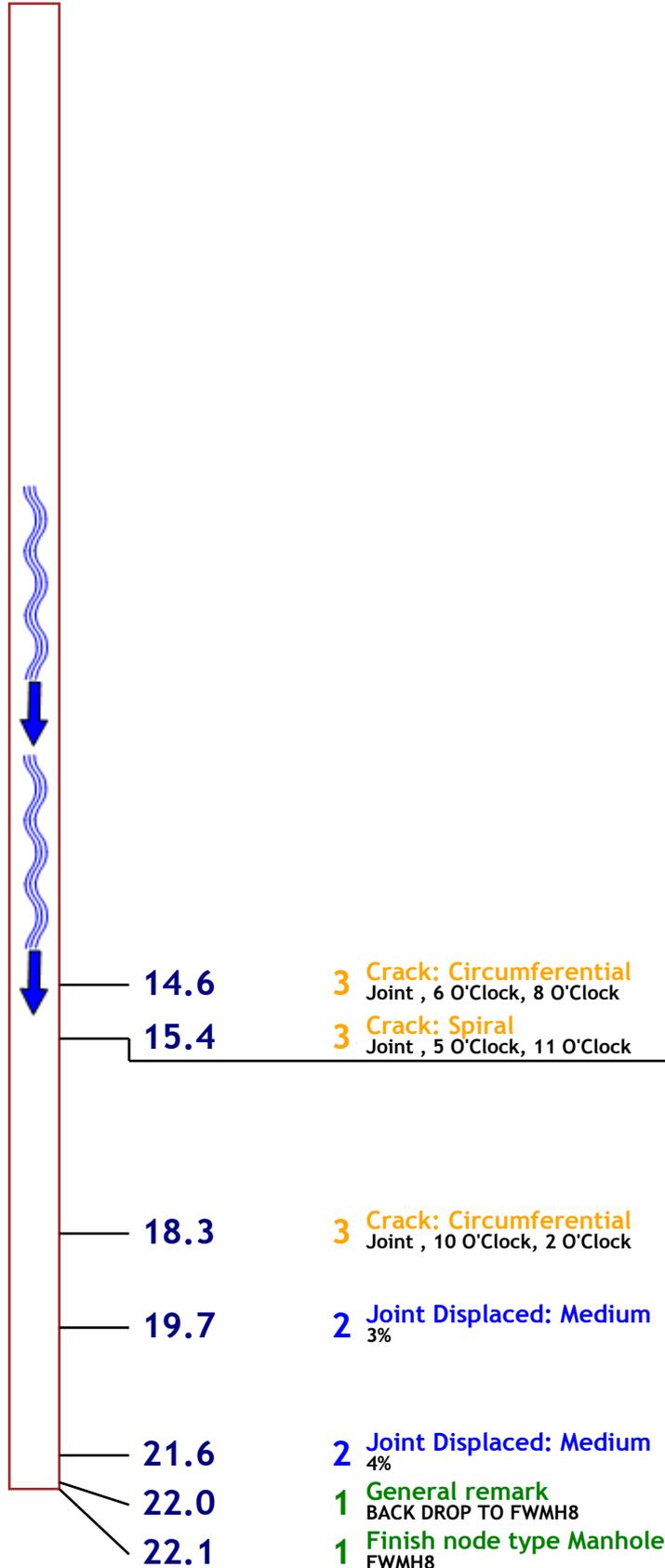


Image Ref 25

Contractor Job Reference: 2929

Client Job Reference:



Image Ref 21

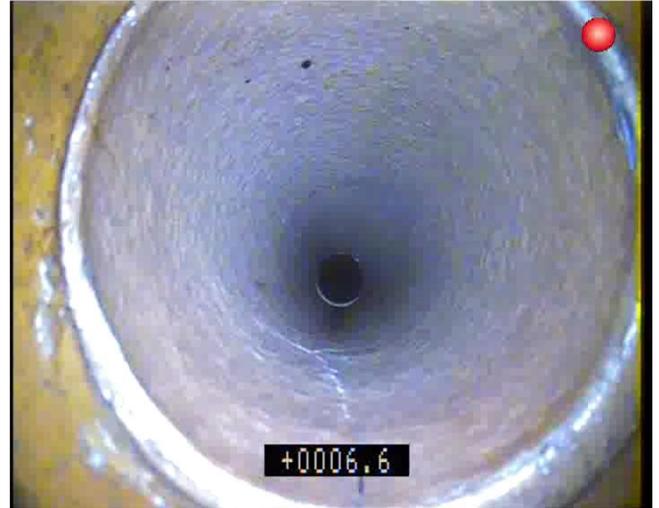


Image Ref 22



Image Ref 23



Image Ref 24



Image Ref 25

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

18

Date

06/11/2015

Time

13:00

Location Type Code

Property with buildings

Start Node Reference

FWMH8

Depth at Start Node (m)

1.28

Finish Node Reference

UP BACK DROP

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey upstream (camera pointing against flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Vitrified clay (i.e. all clayware)

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

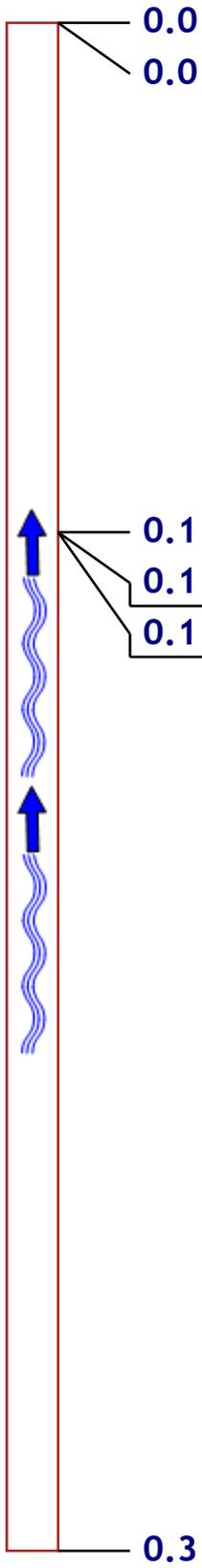
Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:



- 1 Start node type Manhole
FWMH8
- 1 Water level: Turbid water
0%



Image Ref 26

- 1 Line: Deviates up: Half
- 3 Hole
5 O'Clock, 6 O'Clock, HOLE IN PIPE ON BEND TO BACK DROP
- 1 General remark
SECOND PICTURE OF HOLE



Image Ref 27

- 1 Finish node type Lamphole
BACK DROP

Contractor Job Reference: 2929

Client Job Reference:



Image Ref 26



Image Ref 27

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

19

Date

06/11/2015

Time

13:00

Location Type Code

Property with buildings

Start Node Reference

FWMH8

Depth at Start Node (m)

1.28

Finish Node Reference

FWMH9

Depth at Finish Node (m)

2.31

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey downstream (camera pointing with flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Vitrified clay (i.e. all clayware)

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

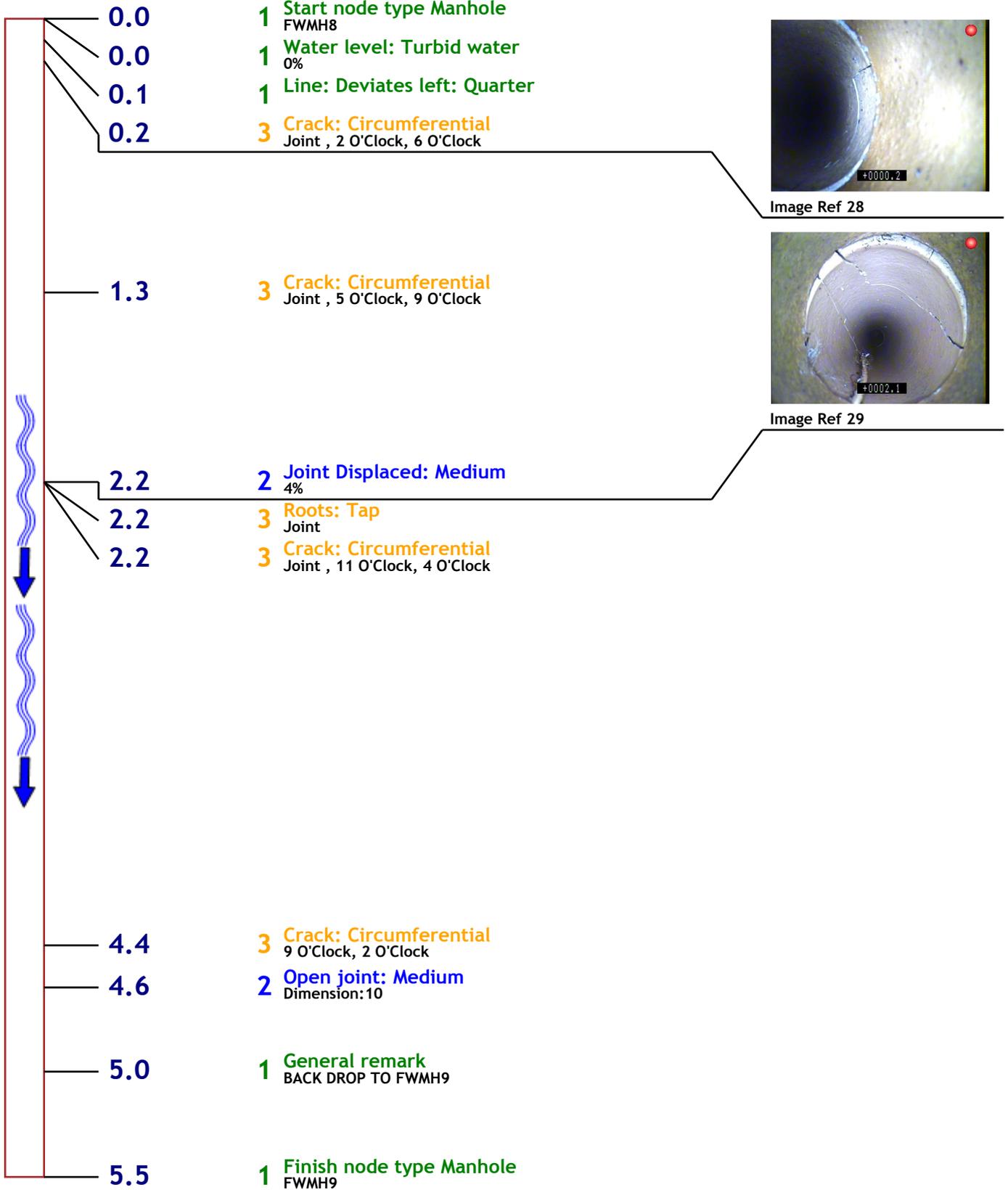
Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:



Contractor Job Reference: 2929

Client Job Reference:



Image Ref 28



Image Ref 29

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

20

Date

06/11/2015

Time

13:00

Location Type Code

Property with buildings

Start Node Reference

FWMH9

Depth at Start Node (m)

2.31

Finish Node Reference

UP BACK DROP

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey upstream (camera pointing against flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Vitrified clay (i.e. all clayware)

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

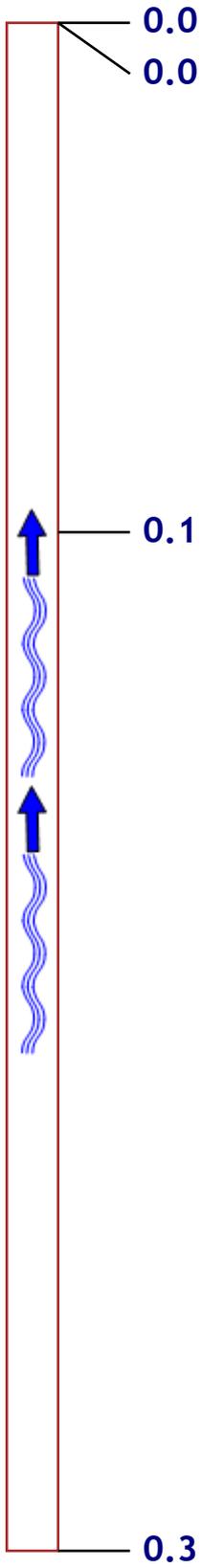
Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:



1 Start node type Manhole
FWMH9

1 Water level: Turbid water
0%

1 Line: Deviates up: Half

1 General remark
BACK DROP TO FWMH9

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

21

Date

06/11/2015

Time

13:00

Location Type Code

Property with buildings

Start Node Reference

FWMH9

Depth at Start Node (m)

2.31

Finish Node Reference

FWMH10

Depth at Finish Node (m)

0.67

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey downstream (camera pointing with flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Vitrified clay (i.e. all clayware)

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:

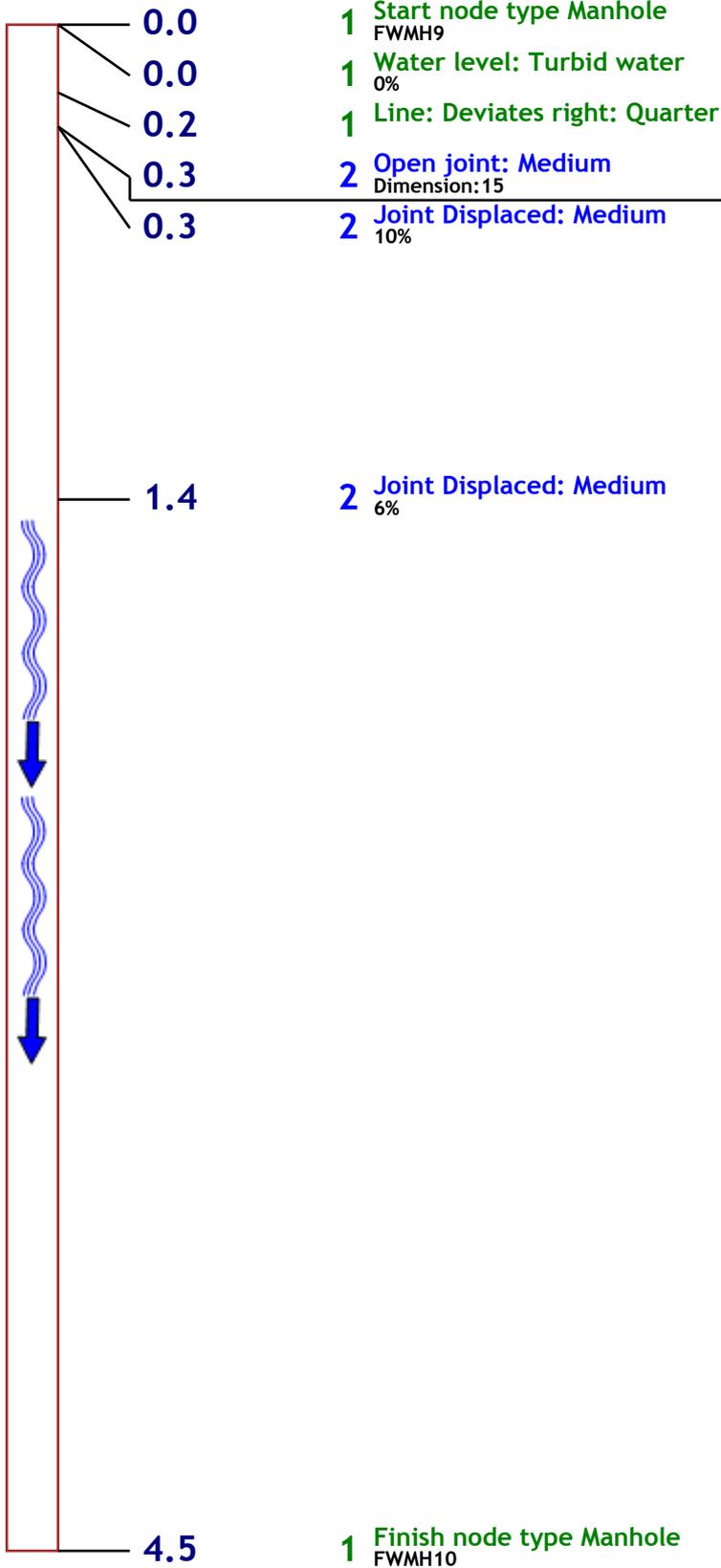


Image Ref 31

Contractor Job Reference: 2929

Client Job Reference:



Image Ref 31

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

22

Date

06/11/2015

Time

13:00

Location Type Code

Property with buildings

Start Node Reference

FWMH9 SPUR 1

Depth at Start Node (m)

2.31

Finish Node Reference

UNKNOWN

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey upstream (camera pointing against flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Vitrified clay (i.e. all clayware)

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

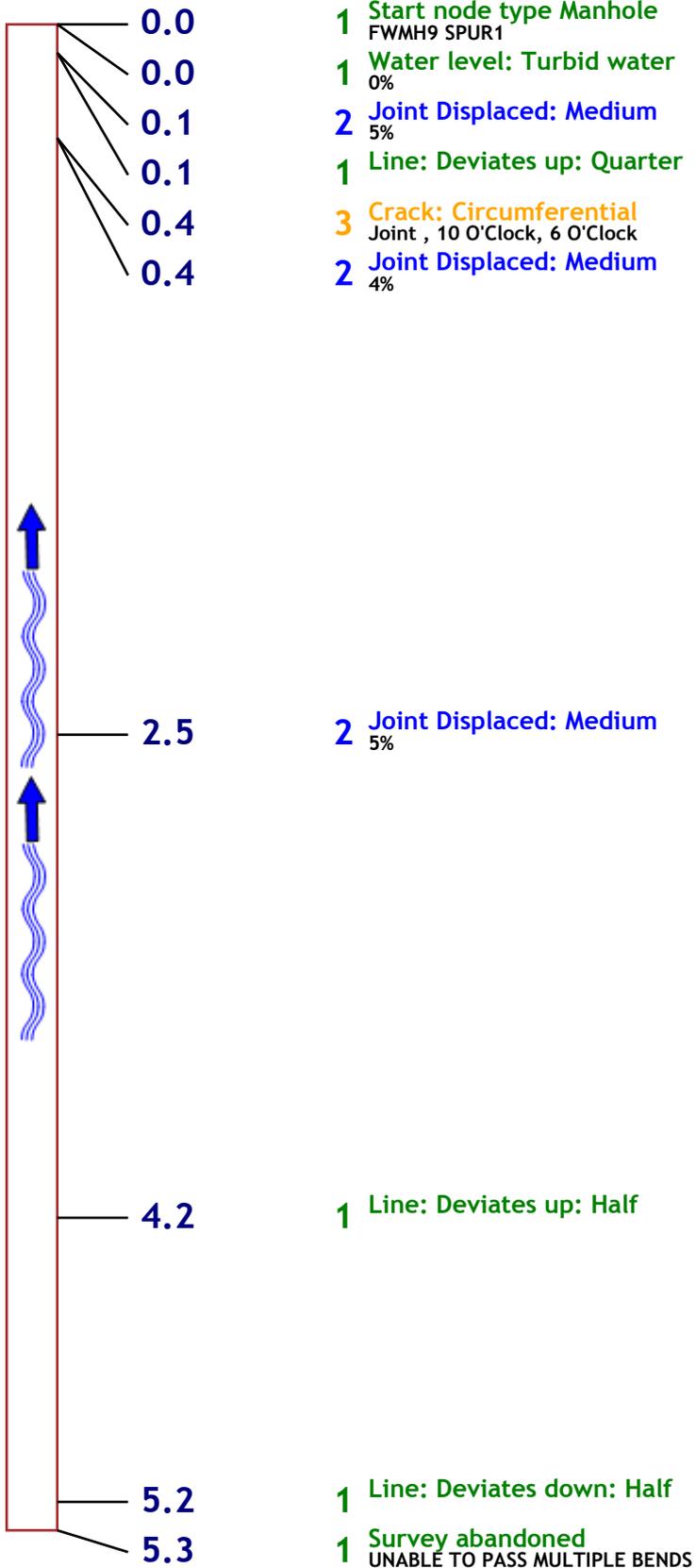
Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:



Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

23

Date

06/11/2015

Time

13:00

Location Type Code

Property with buildings

Start Node Reference

FWMH10 SPUR2

Depth at Start Node (m)

0.67

Finish Node Reference

GULLY

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey upstream (camera pointing against flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Vitrified clay (i.e. all clayware)

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

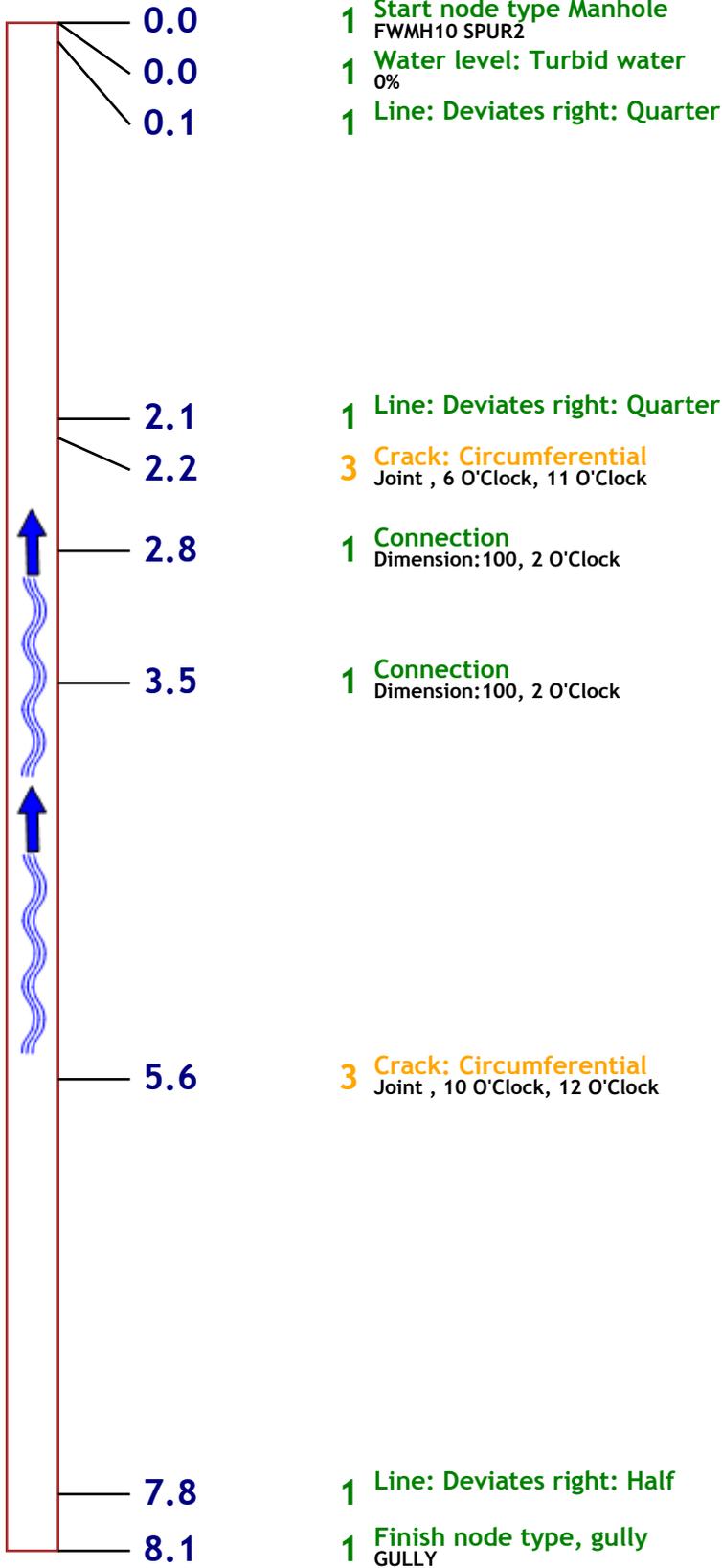
Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:



Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

24

Date

06/11/2015

Time

13:00

Location Type Code

Property with buildings

Start Node Reference

FWMH10

Depth at Start Node (m)

0.67

Finish Node Reference

CAPPED OFF

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey upstream (camera pointing against flow)

Height or Diameter (mm)

150

Shape

Circular

Material

Vitrified clay (i.e. all clayware)

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:

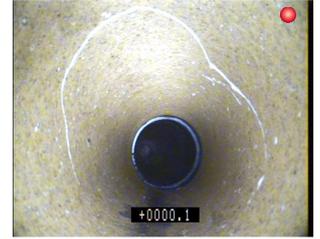
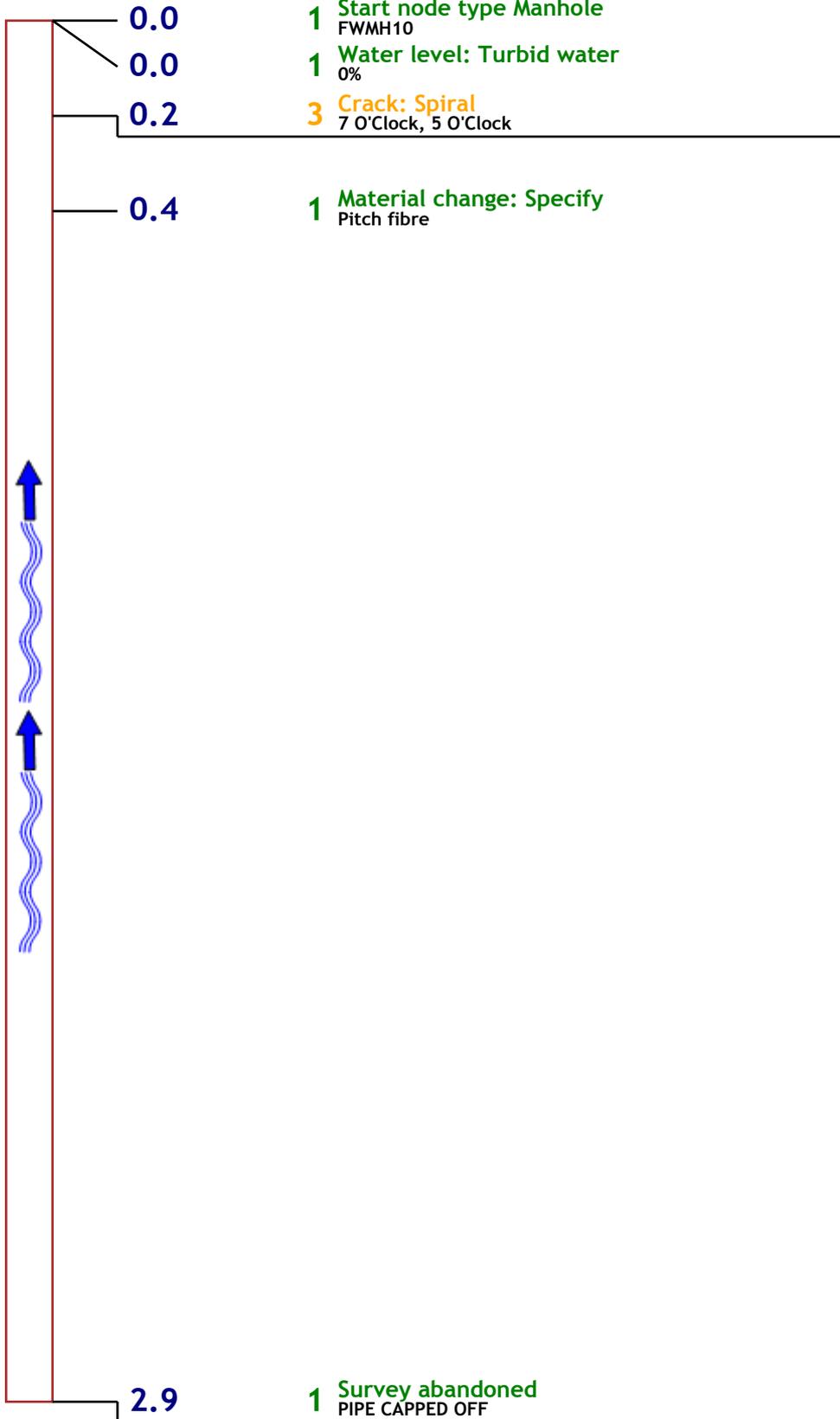


Image Ref 32



Image Ref 33

Contractor Job Reference: 2929

Client Job Reference:



Image Ref 32



Image Ref 33

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

25

Date

06/11/2015

Time

13:00

Location Type Code

Property with buildings

Start Node Reference

FWMH10

Depth at Start Node (m)

0.67

Finish Node Reference

FWMH11

Depth at Finish Node (m)

0.48

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey downstream (camera pointing with flow)

Height or Diameter (mm)

150

Shape

Circular

Material

Vitrified clay (i.e. all clayware)

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

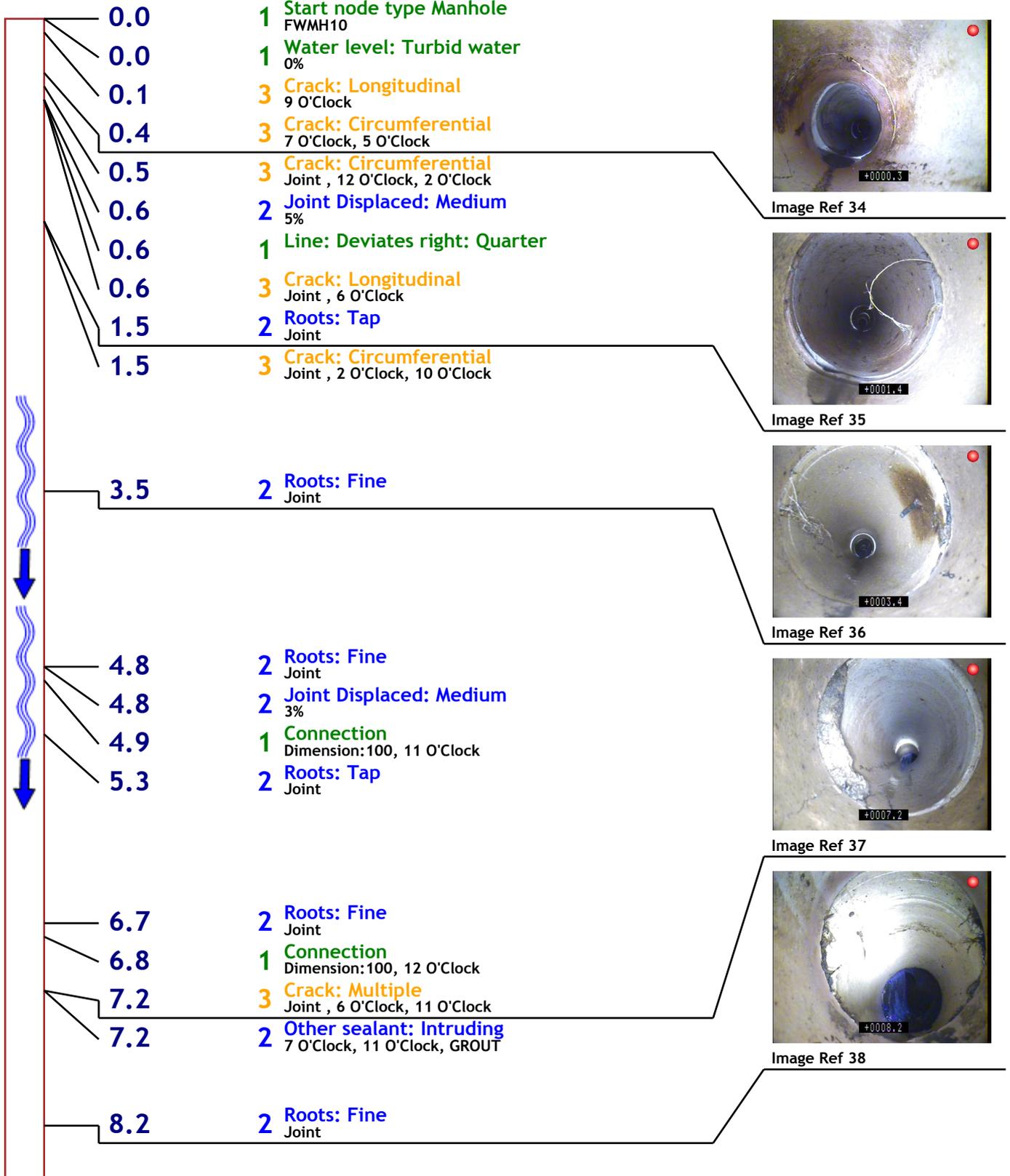
Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:



Contractor Job Reference: 2929

Client Job Reference:



8.3

8.6

2 Joint Displaced: Medium
20%

1 Finish node type Manhole
FWMH11

Contractor Job Reference: 2929

Client Job Reference:



Image Ref 34



Image Ref 35



Image Ref 36



Image Ref 37



Image Ref 38

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

26

Date

06/11/2015

Time

13:00

Location Type Code

Under a permanent building

Start Node Reference

FWMH12 SPUR1

Depth at Start Node (m)

0.46

Finish Node Reference

GULLY

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey upstream (camera pointing against flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Vitrified clay (i.e. all clayware)

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:

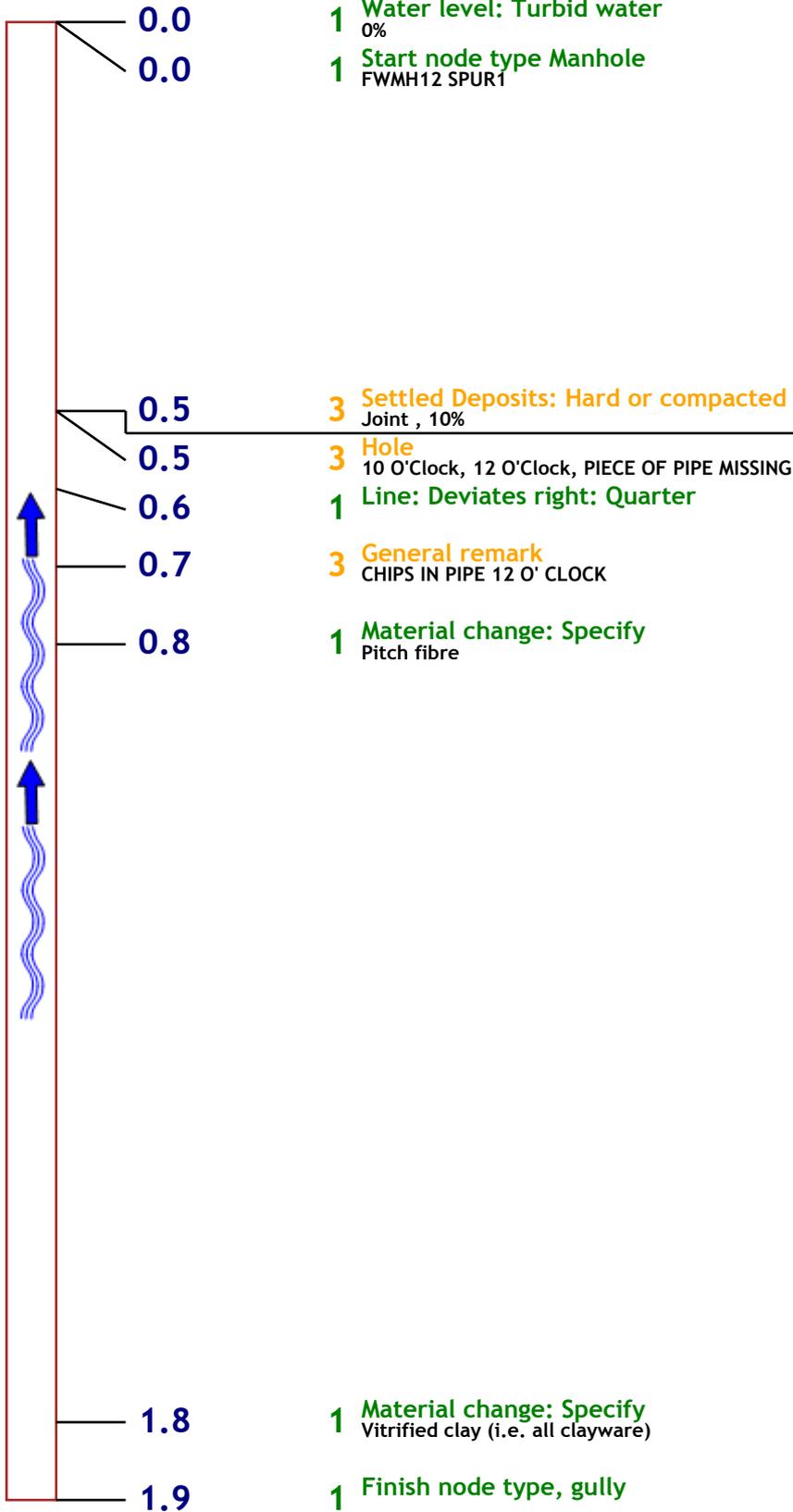


Image Ref 39

Contractor Job Reference: 2929

Client Job Reference:



Image Ref 39

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

27

Date

06/11/2015

Time

13:00

Location Type Code

Property with buildings

Start Node Reference

FWMH12 SPUR2

Depth at Start Node (m)

0.46

Finish Node Reference

SVP

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey upstream (camera pointing against flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Pitch fibre

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

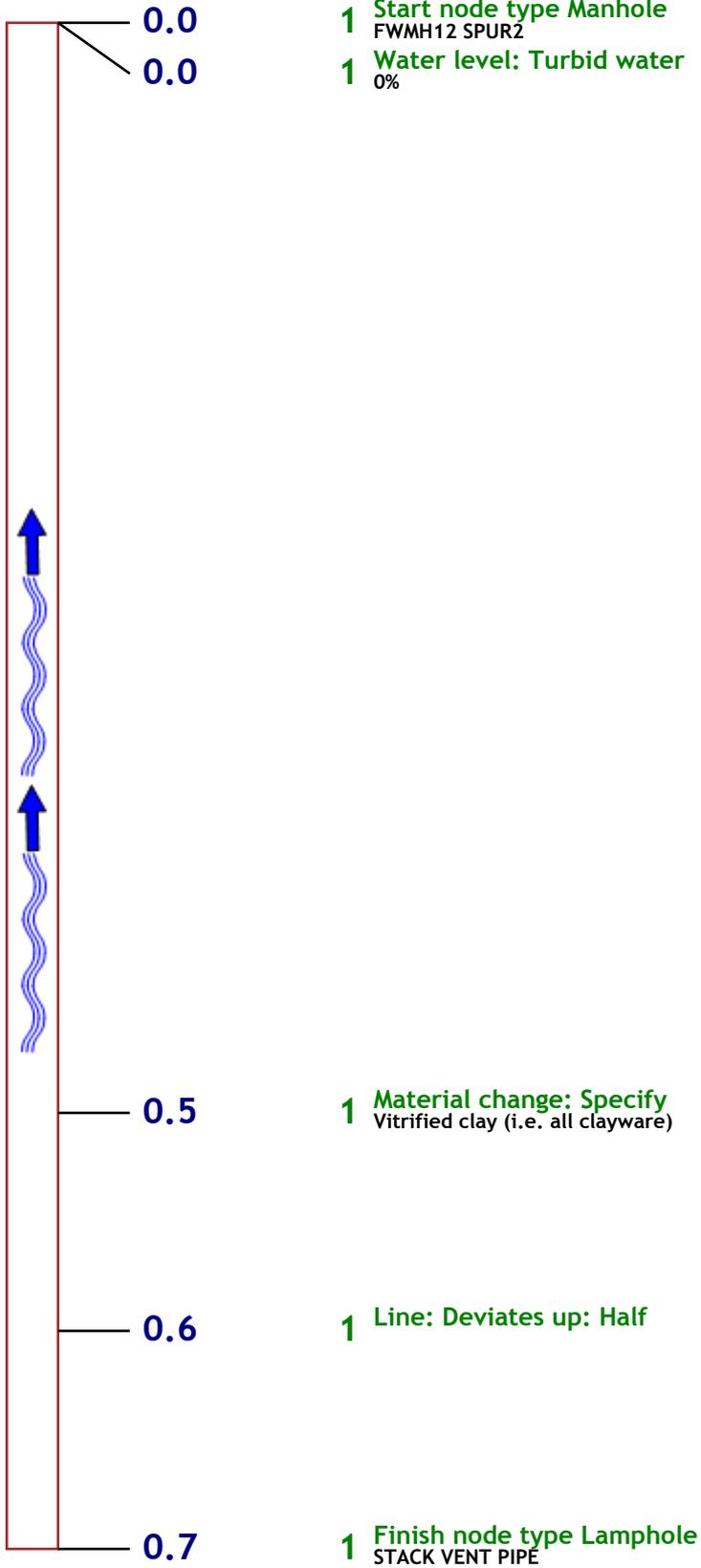
Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:



Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

28

Date

06/11/2015

Time

13:00

Location Type Code

Under a permanent building

Start Node Reference

FWMH12

Depth at Start Node (m)

0.46

Finish Node Reference

WC

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey upstream (camera pointing against flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Pitch fibre

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:

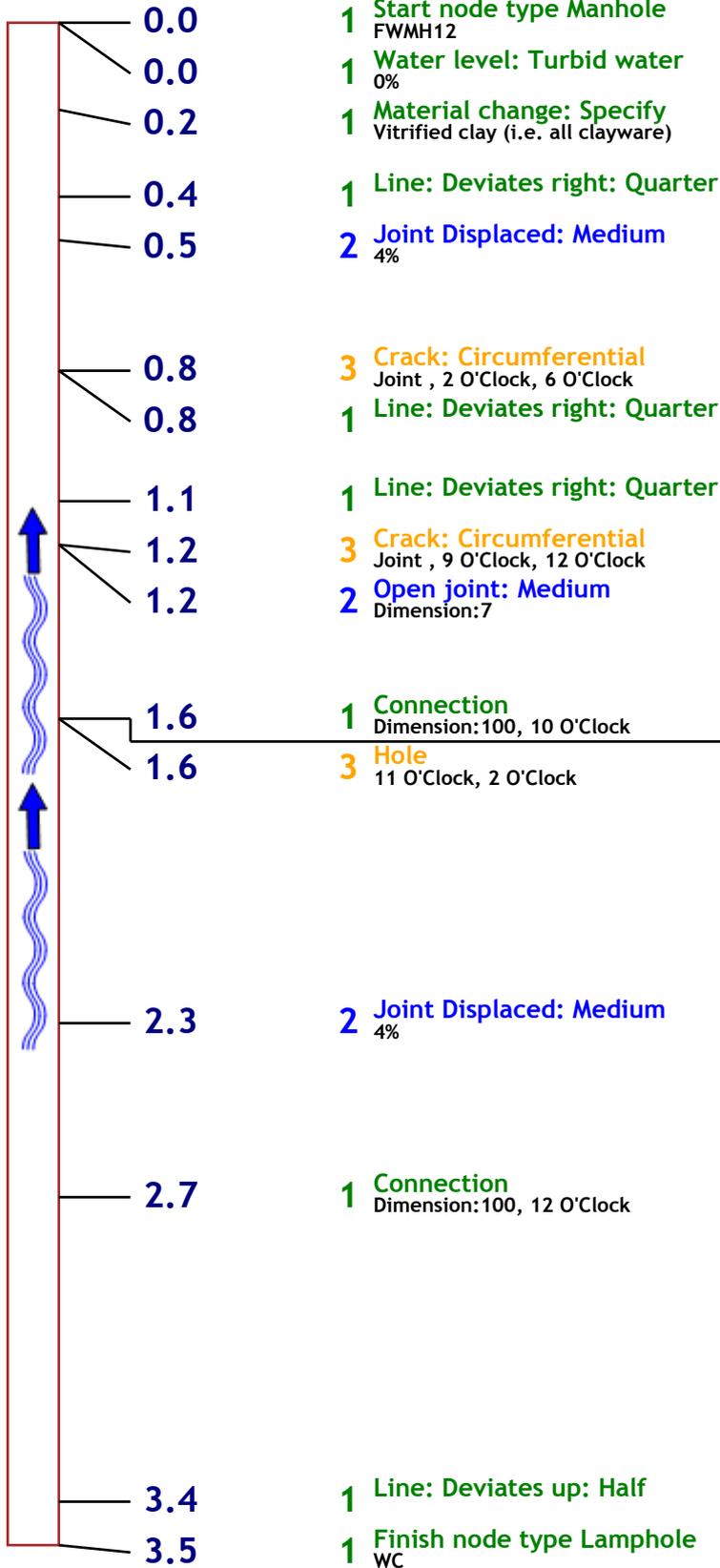


Image Ref 40

Contractor Job Reference: 2929

Client Job Reference:



Image Ref 40

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

29

Date

06/11/2015

Time

13:00

Location Type Code

Property with buildings

Start Node Reference

FWMH12

Depth at Start Node (m)

0.46

Finish Node Reference

FWMH13

Depth at Finish Node (m)

0.61

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey downstream (camera pointing with flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Pitch fibre

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

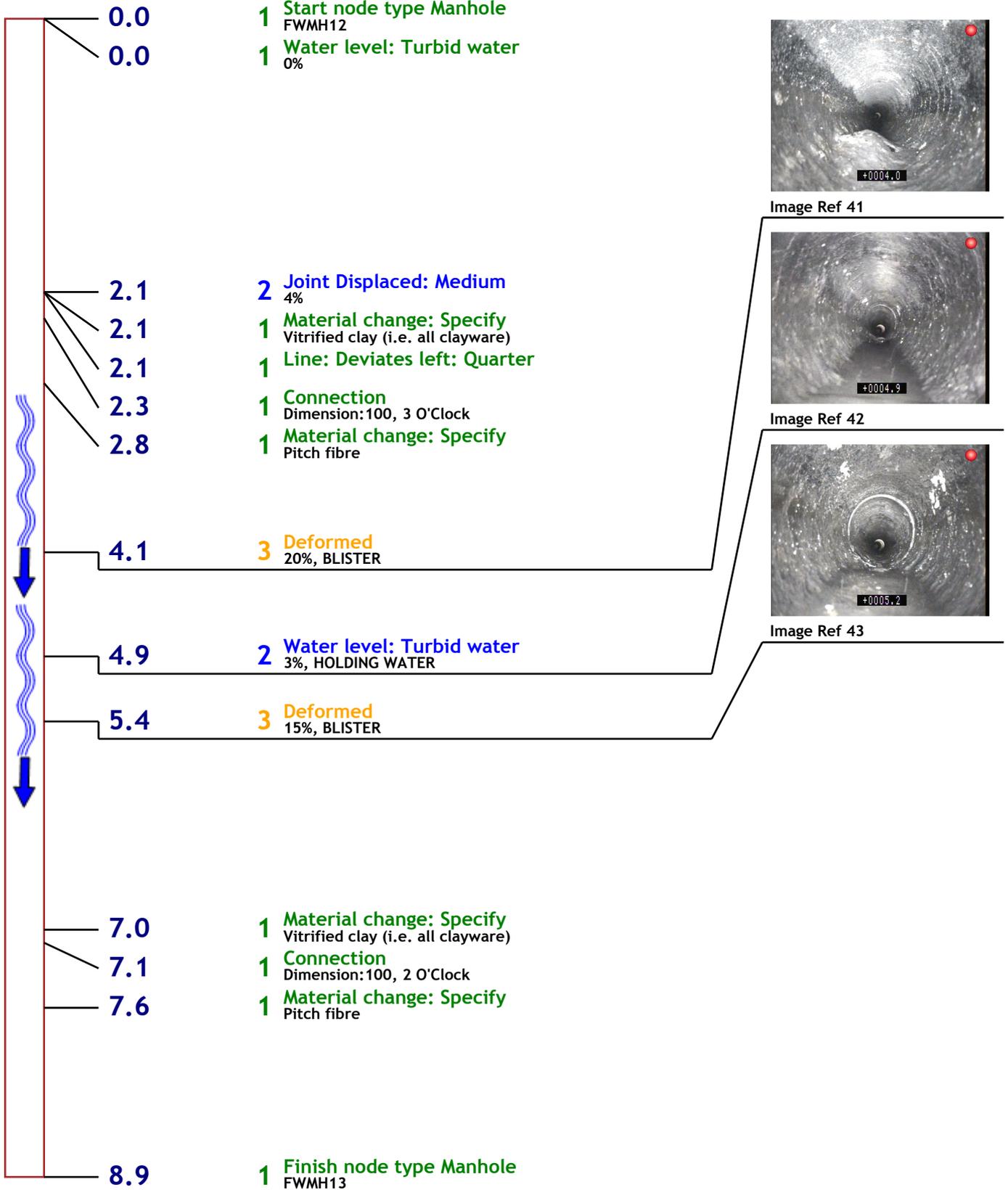
Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:



Contractor Job Reference: 2929

Client Job Reference:



Image Ref 41



Image Ref 42



Image Ref 43

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

30

Date

06/11/2015

Time

13:00

Location Type Code

Property with buildings

Start Node Reference

FWMH13

Depth at Start Node (m)

0.61

Finish Node Reference

FWMH14

Depth at Finish Node (m)

0.79

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey downstream (camera pointing with flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Vitrified clay (i.e. all clayware)

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

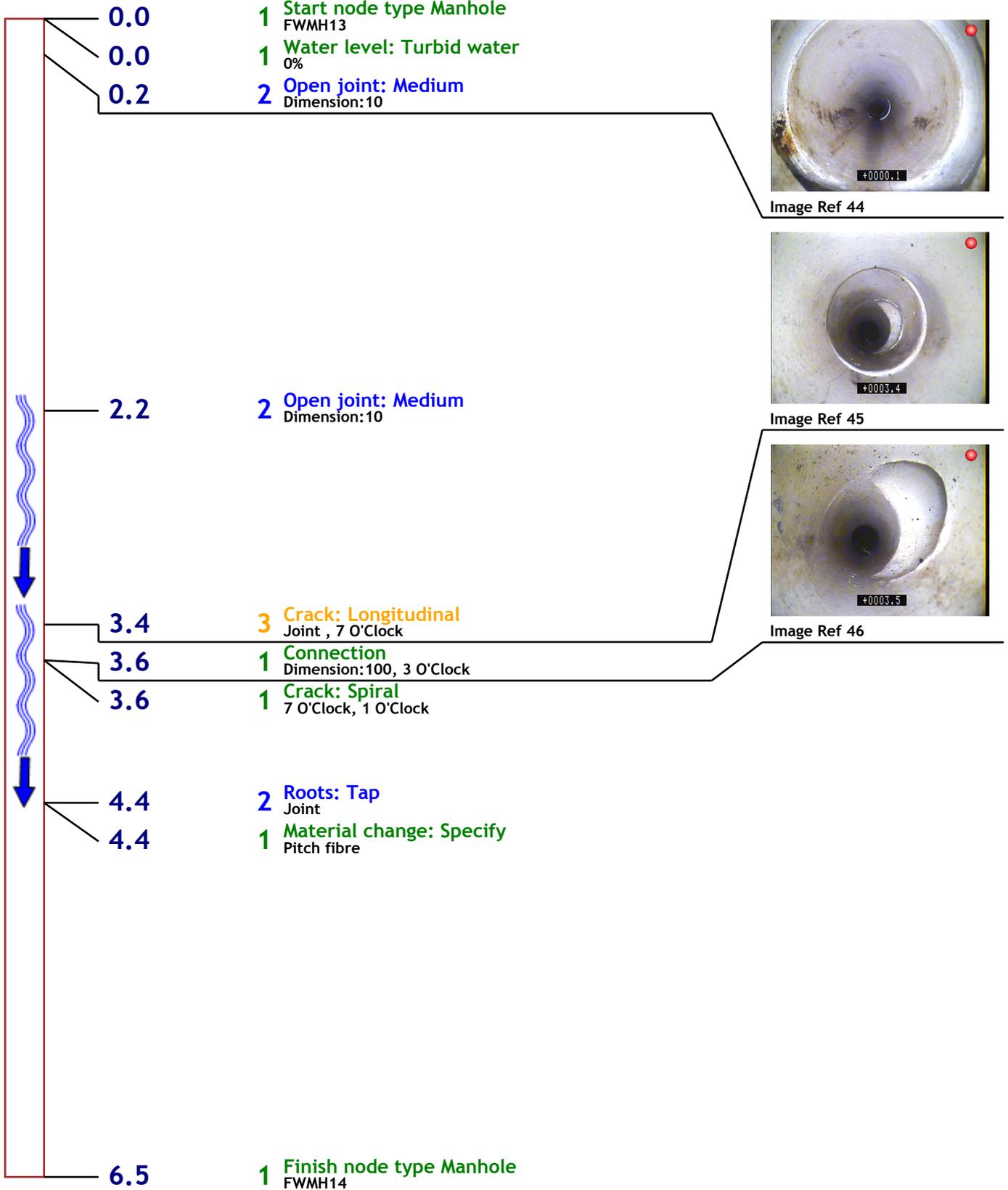
Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:



Contractor Job Reference: 2929

Client Job Reference:



Image Ref 44



Image Ref 45



Image Ref 46

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

31

Date

06/11/2015

Time

13:00

Location Type Code

Property with buildings

Start Node Reference

FWMH14

Depth at Start Node (m)

0.79

Finish Node Reference

FWMH15

Depth at Finish Node (m)

0.70

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey upstream (camera pointing against flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Vitrified clay (i.e. all clayware)

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

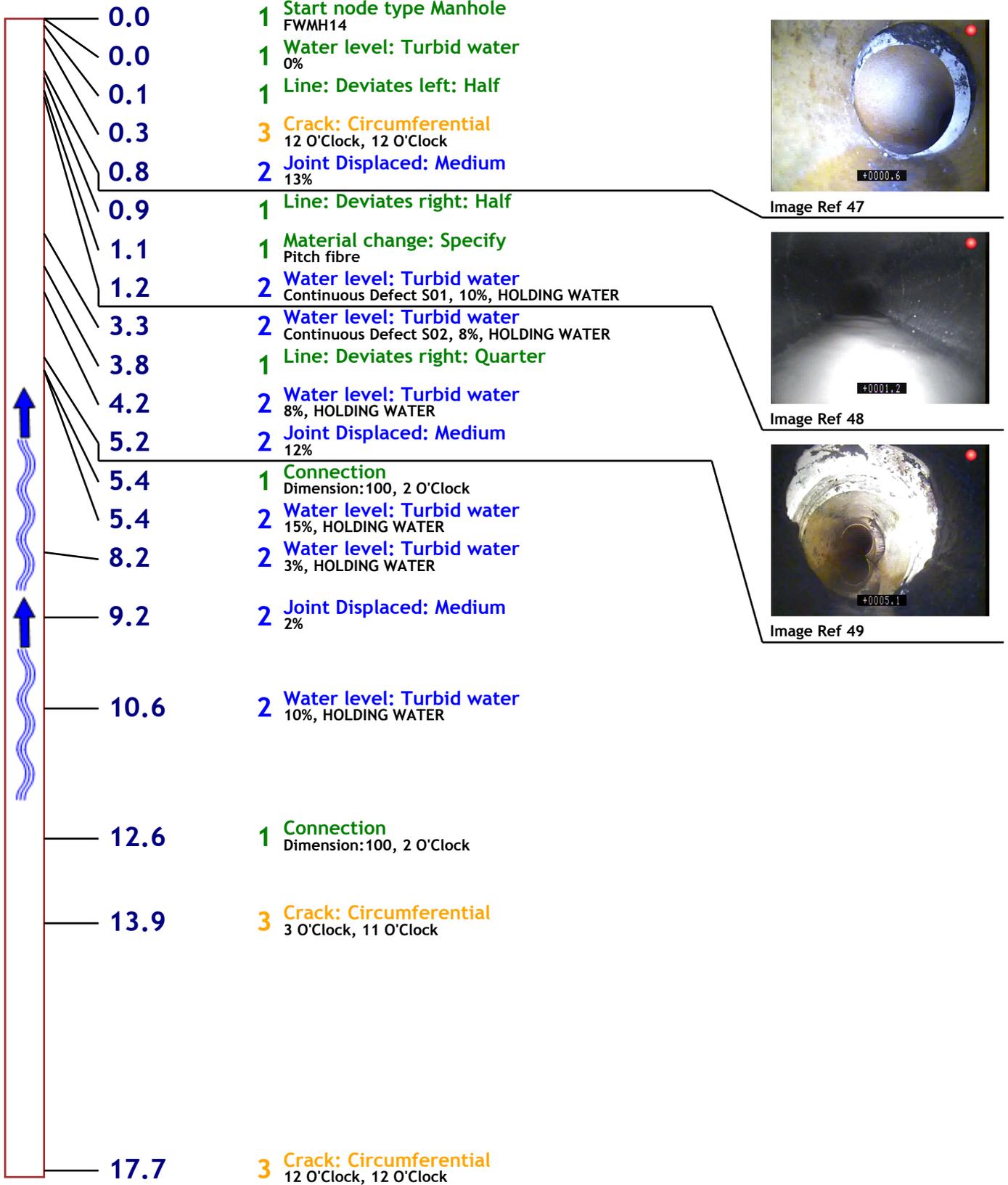
Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:



Contractor Job Reference: 2929

Client Job Reference:



17.8

1 Finish node type Manhole
FWMH15

Contractor Job Reference: 2929

Client Job Reference:



Image Ref 47



Image Ref 48



Image Ref 49

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

32

Date

06/11/2015

Time

13:00

Location Type Code

Property with buildings

Start Node Reference

FWMH14

Depth at Start Node (m)

0.79

Finish Node Reference

FWMH11

Depth at Finish Node (m)

0.48

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey downstream (camera pointing with flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Vitrified clay (i.e. all clayware)

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:

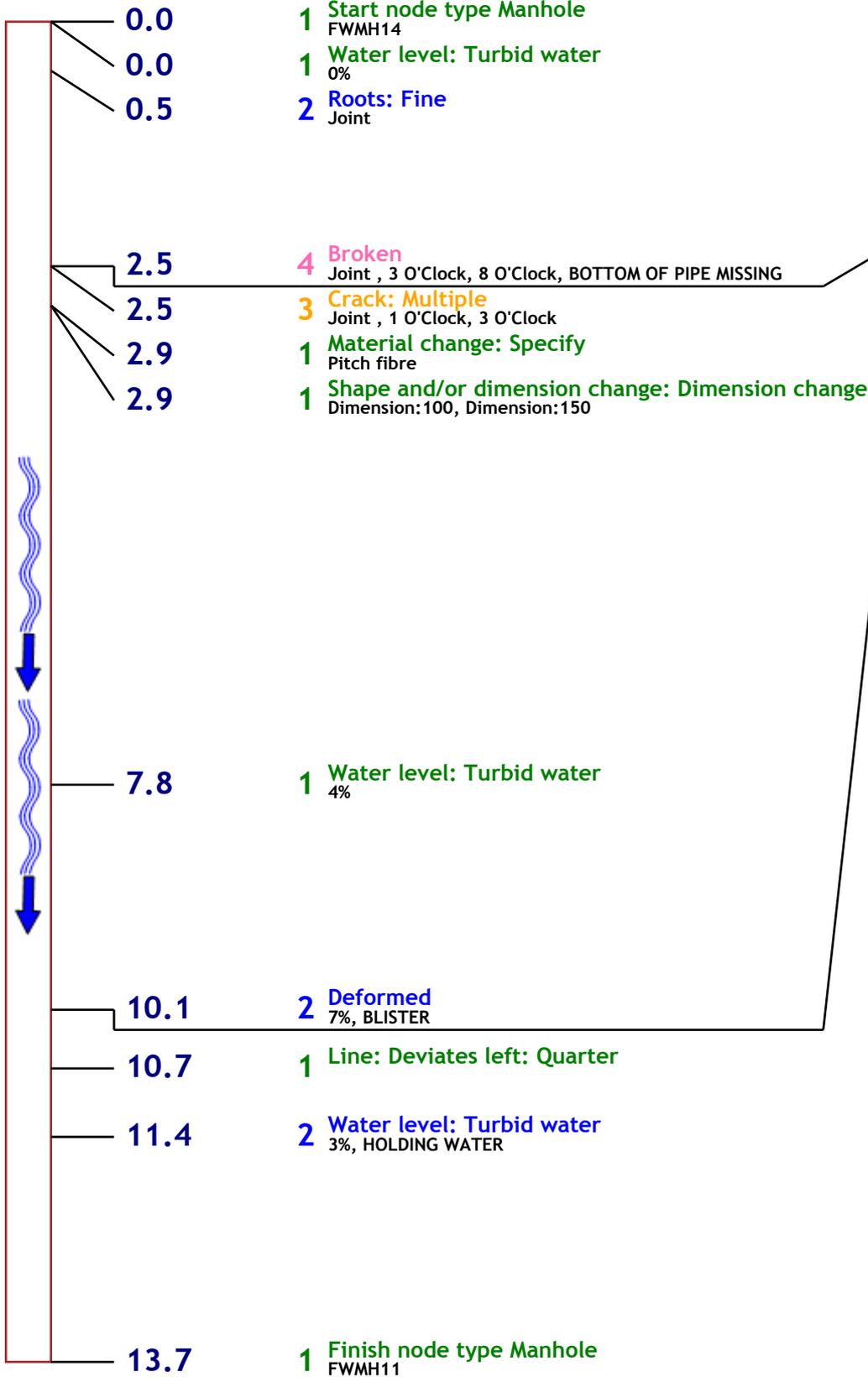


Image Ref 50



Image Ref 51

Contractor Job Reference: 2929

Client Job Reference:

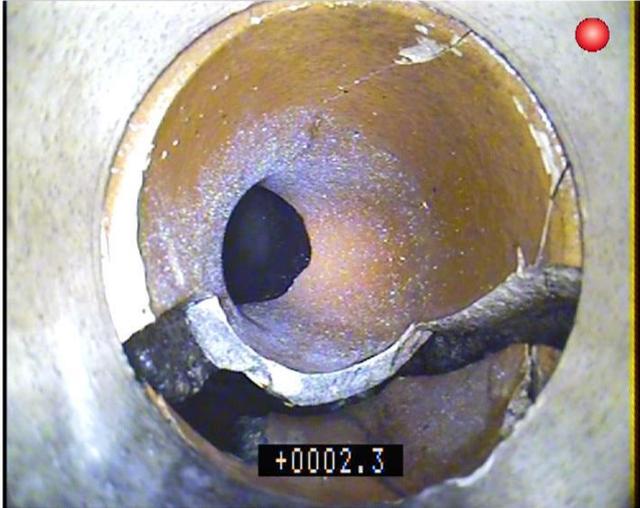


Image Ref 50



Image Ref 51

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

33

Date

06/11/2015

Time

13:00

Location Type Code

Property with buildings

Start Node Reference

FWMH15 SPUR1

Depth at Start Node (m)

0.70

Finish Node Reference

GULLY

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey upstream (camera pointing against flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Vitrified clay (i.e. all clayware)

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

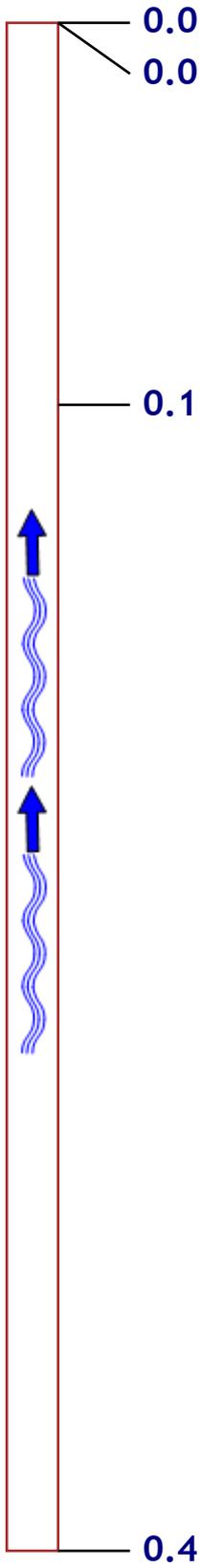
Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:



1 Start node type Manhole
FWMH15 SPUR1

1 Water level: Turbid water
0%

1 Line: Deviates up: Half

1 Survey abandoned
UNABLE TO PASS MULTIPLE BENDS

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

34

Date

06/11/2015

Time

13:00

Location Type Code

Property with buildings

Start Node Reference

FWMH15

Depth at Start Node (m)

0.70

Finish Node Reference

CAPPED OFF

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey upstream (camera pointing against flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Pitch fibre

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

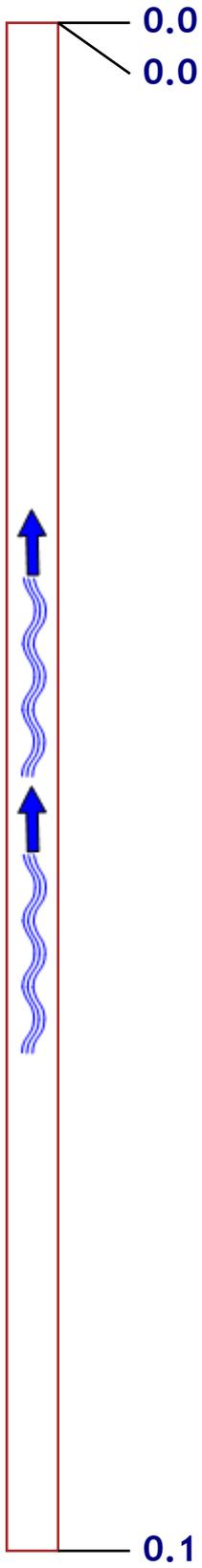
Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:



- 1 Start node type Manhole
FWMH15
- 1 Water level: Turbid water
0%

- 1 Survey abandoned
PIPE CAPPED OFF

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

35

Date

06/11/2015

Time

13:00

Location Type Code

Road

Start Node Reference

FWMH11

Depth at Start Node (m)

0.48

Finish Node Reference

MAIN SEWER

Depth at Finish Node (m)

1.19

Use of Drain

Foul

Type of Drain

Gravity drain/sewer

Direction

Survey downstream (camera pointing with flow)

Height or Diameter (mm)

150

Shape

Circular

Material

Pitch fibre

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

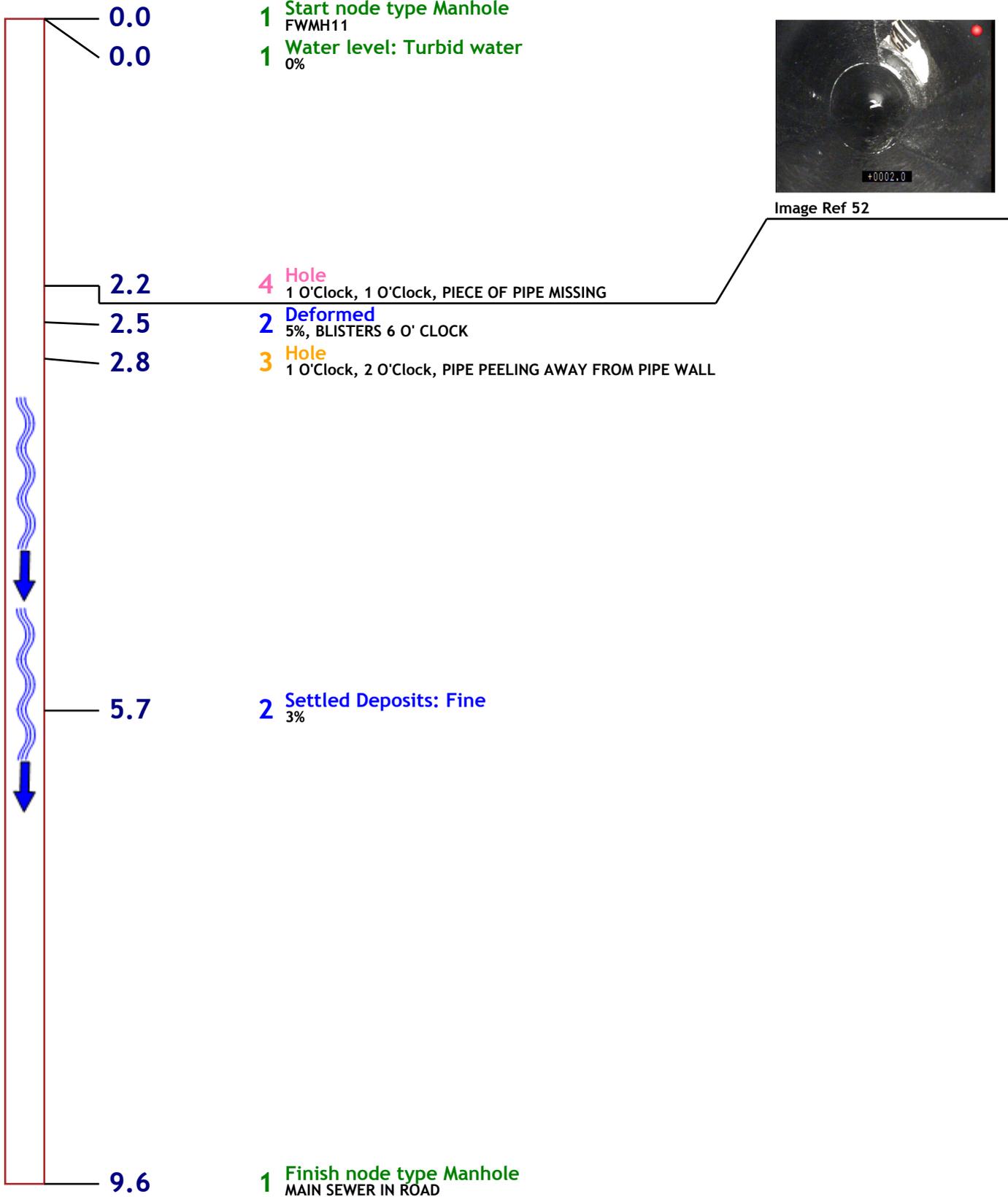
Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:



Contractor Job Reference: 2929

Client Job Reference:

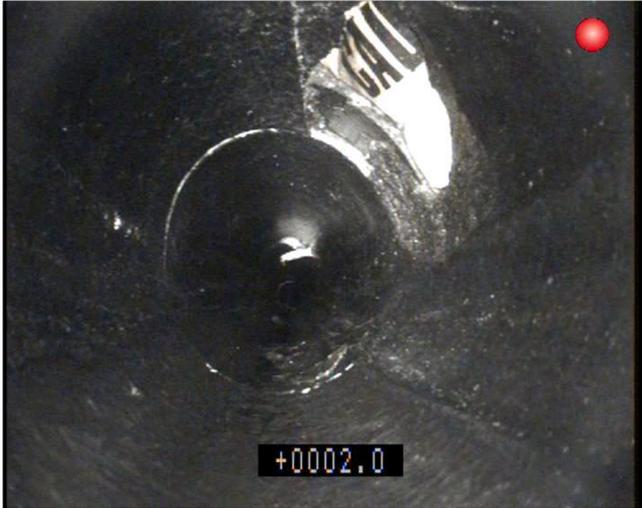


Image Ref 52

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

36

Date

06/11/2015

Time

13:00

Location Type Code

Property with buildings

Start Node Reference

SWMH1 SPUR1

Depth at Start Node (m)

0.66

Finish Node Reference

GULLY

Use of Drain

Surface water

Type of Drain

Gravity drain/sewer

Direction

Survey upstream (camera pointing against flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Pitch fibre

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

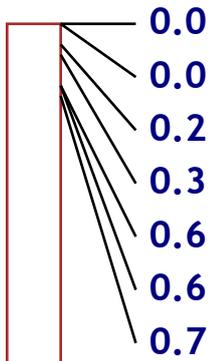
Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:



- 1 Start node type Manhole
SWMH1 SPUR1
- 1 Water level: Clear water
0%
- 1 Material change: Specify
Vitrified clay (i.e. all clayware)
- 1 Line: Deviates right: Quarter
- 3 Crack: Circumferential
Joint , 8 O'Clock, 12 O'Clock
- 1 Material change: Specify
Pitch fibre
- 2 Water level: Clear water
4%, HOLDING WATER

- 1 Material change: Specify
Vitrified clay (i.e. all clayware)
- 1 Connection
Dimension:100, 11 O'Clock
- 1 Joint Displaced: Medium
3%
- 1 Line: Deviates right: Quarter
- 1 Line: Deviates left: Half
- 1 Material change: Specify
Pitch fibre

- 1 Material change: Specify
Vitrified clay (i.e. all clayware)
- 1 Connection
Dimension:100, 2 O'Clock
- 1 Material change: Specify
Pitch fibre

- 1 Joint Displaced: Medium
5%
- 1 Material change: Specify
Vitrified clay (i.e. all clayware)
- 1 Survey abandoned
SURVEY ABANDONED UNABLE TO PUSH ANY FURTHER

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

37

Date

06/11/2015

Time

13:00

Location Type Code

A footway beside road

Start Node Reference

SWMH1

Depth at Start Node (m)

0.66

Finish Node Reference

GULLY 2

Use of Drain

Surface water

Type of Drain

Gravity drain/sewer

Direction

Survey upstream (camera pointing against flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Vitrified clay (i.e. all clayware)

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:

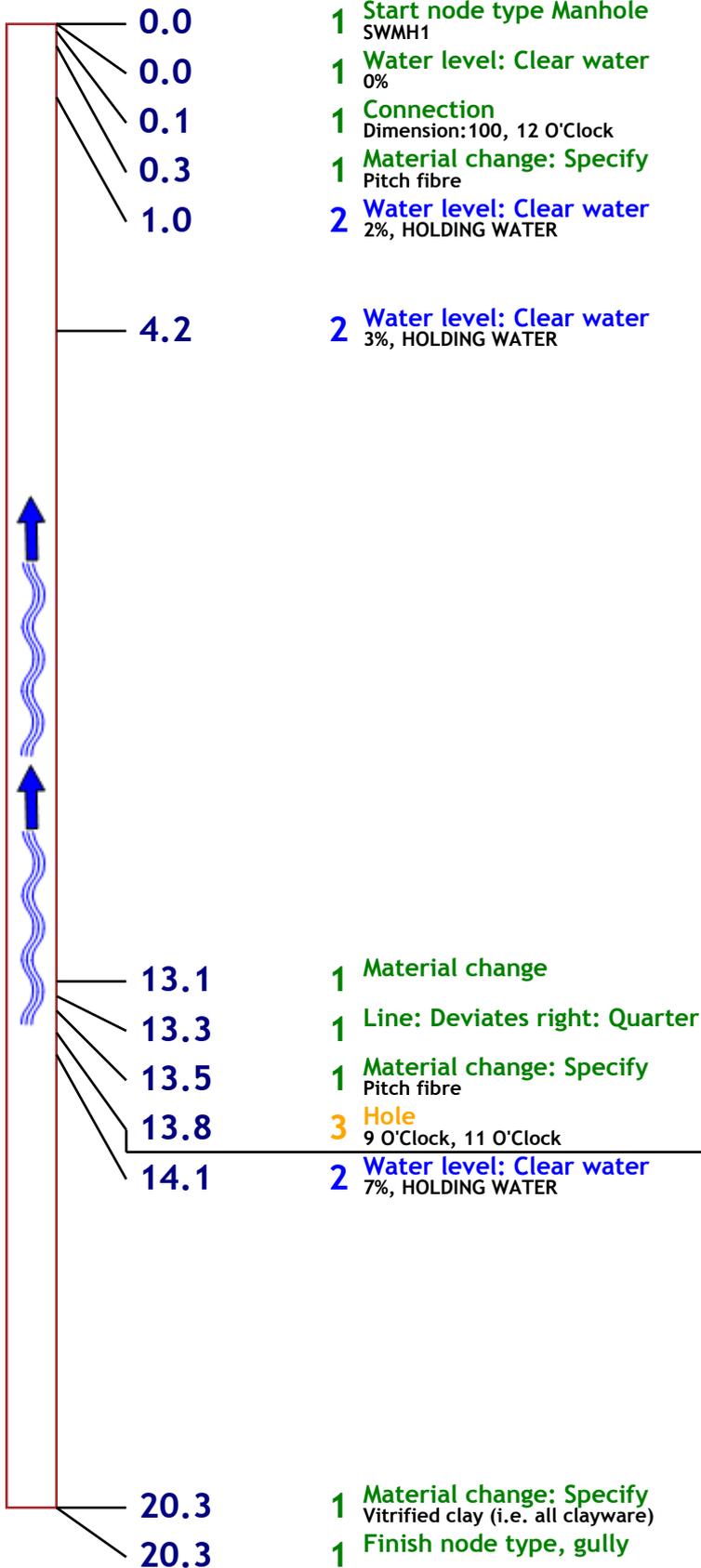


Image Ref 54

Contractor Job Reference: 2929

Client Job Reference:

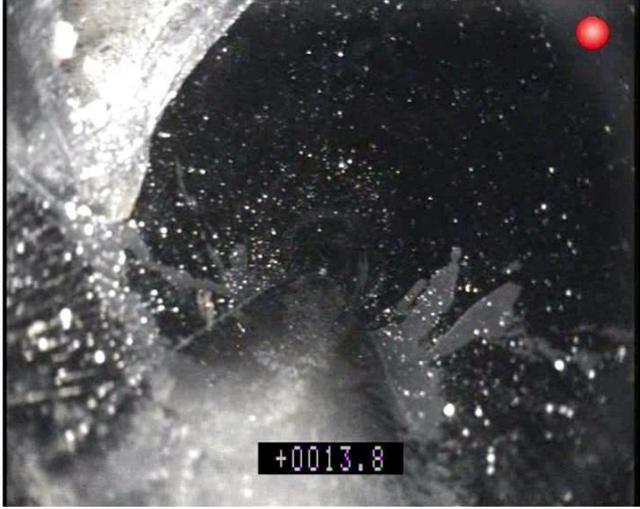


Image Ref 54

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

38

Date

06/11/2015

Time

13:00

Location Type Code

A footway beside road

Start Node Reference

SWMH1

Depth at Start Node (m)

0.66

Finish Node Reference

ROAD GULLY

Use of Drain

Surface water

Type of Drain

Gravity drain/sewer

Direction

Survey downstream (camera pointing with flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Pitch fibre

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:

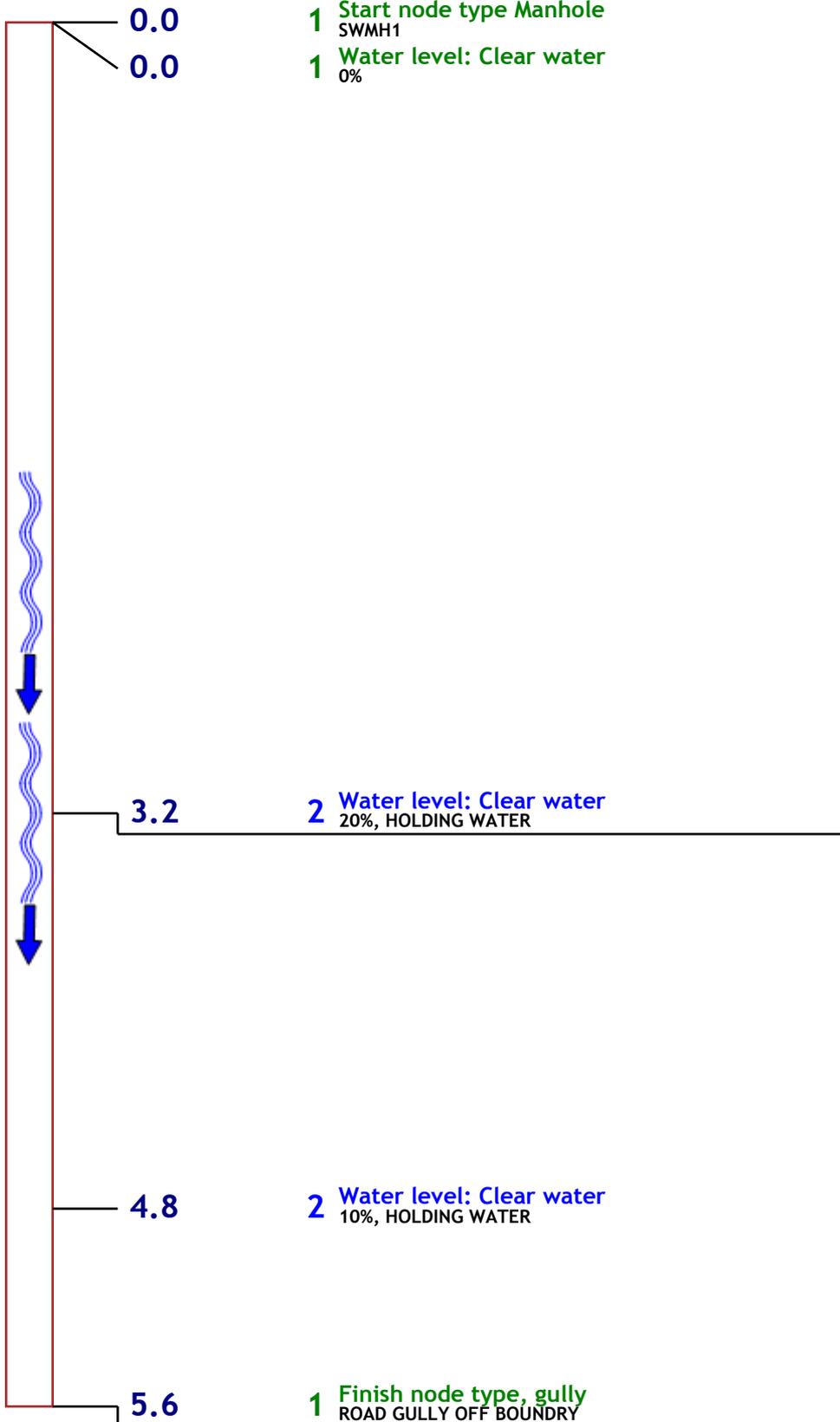


Image Ref 55



Image Ref 56

Contractor Job Reference: 2929

Client Job Reference:



Image Ref 55



Image Ref 56

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

39

Date

06/11/2015

Time

13:00

Location Type Code

Road

Start Node Reference

ROAD GULLY

Finish Node Reference

OUTFALL

Use of Drain

Surface water

Type of Drain

Gravity drain/sewer

Direction

Survey downstream (camera pointing with flow)

Height or Diameter (mm)

150

Shape

Circular

Material

Vitrified clay (i.e. all clayware)

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:

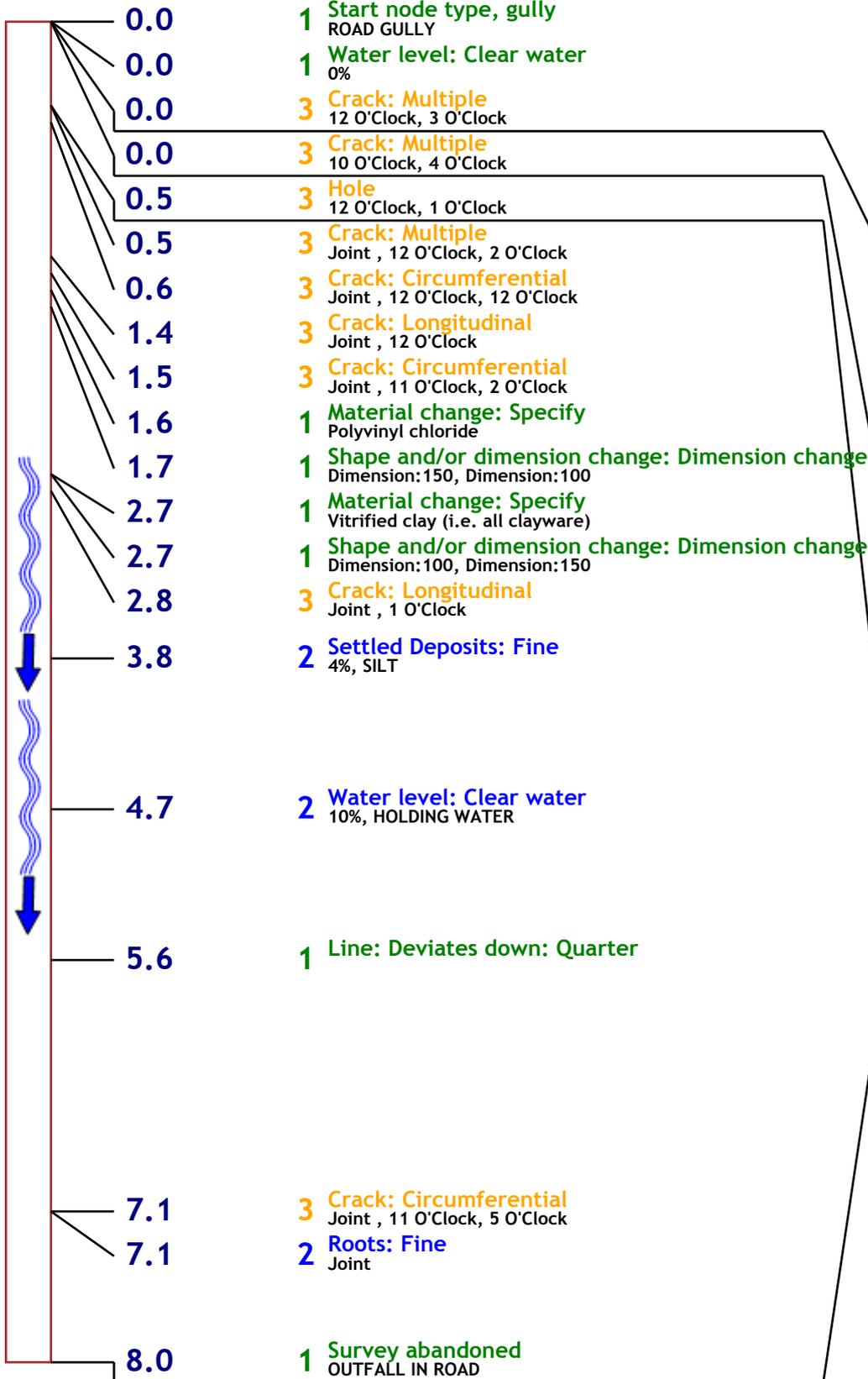


Image Ref 57



Image Ref 58



Image Ref 59



Image Ref 60

Contractor Job Reference: 2929

Client Job Reference:



Image Ref 57



Image Ref 58



Image Ref 59



Image Ref 60

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

40

Date

06/11/2015

Time

13:00

Location Type Code

Property with buildings

Start Node Reference

SWMH2

Depth at Start Node (m)

1.28

Finish Node Reference

GULLY

Use of Drain

Surface water

Type of Drain

Gravity drain/sewer

Direction

Survey upstream (camera pointing against flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Vitrified clay (i.e. all clayware)

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:

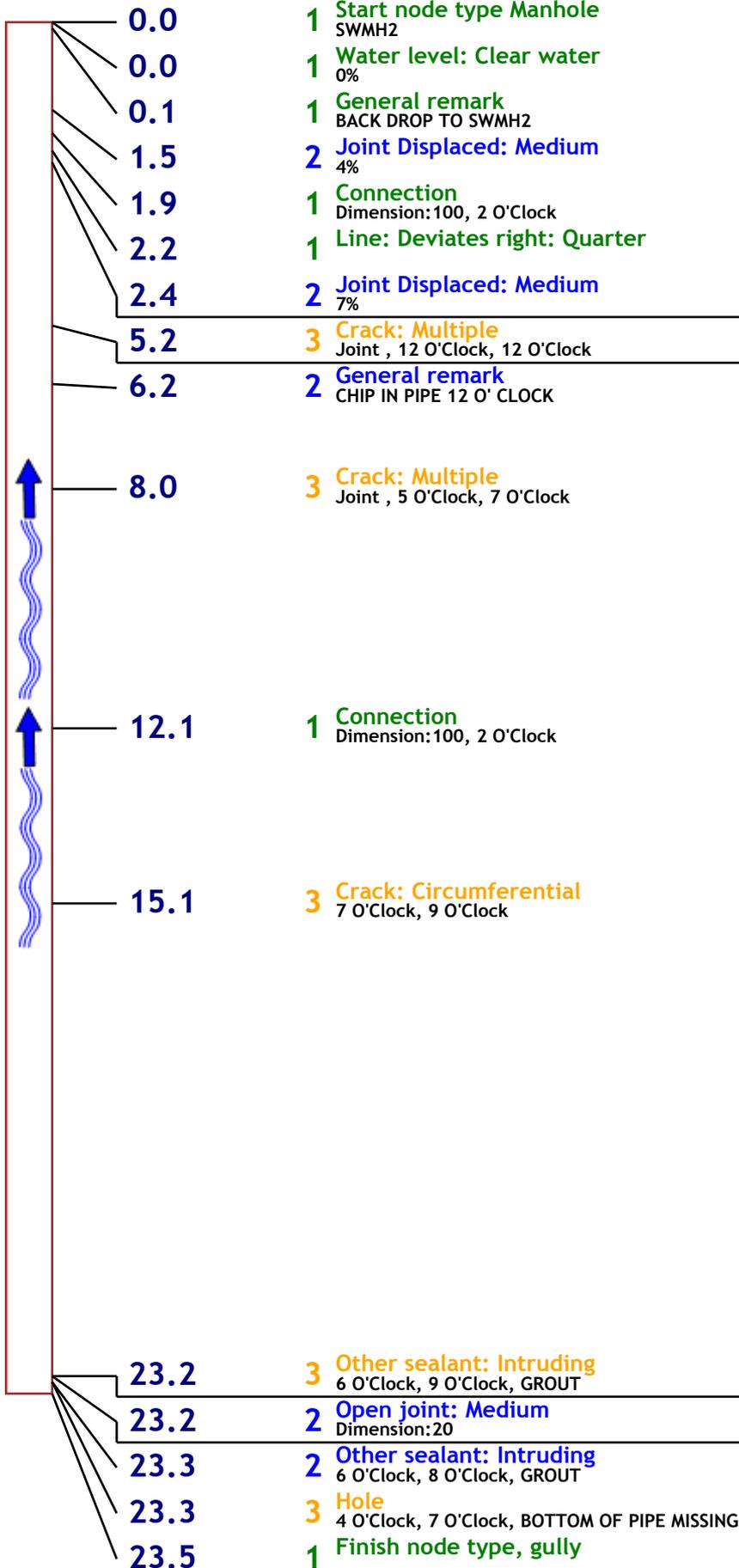


Image Ref 61

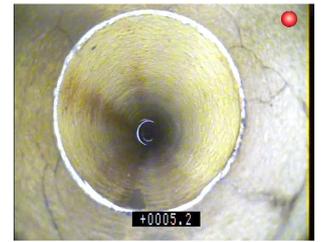


Image Ref 62



Image Ref 63

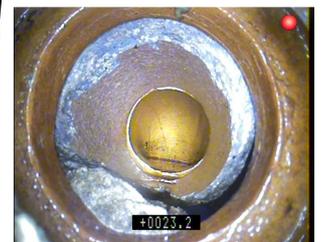


Image Ref 64

Contractor Job Reference: 2929

Client Job Reference:



Image Ref 61

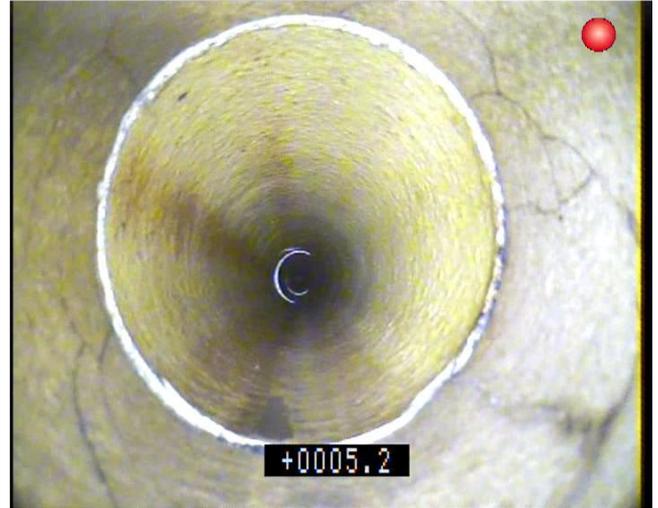


Image Ref 62



Image Ref 63

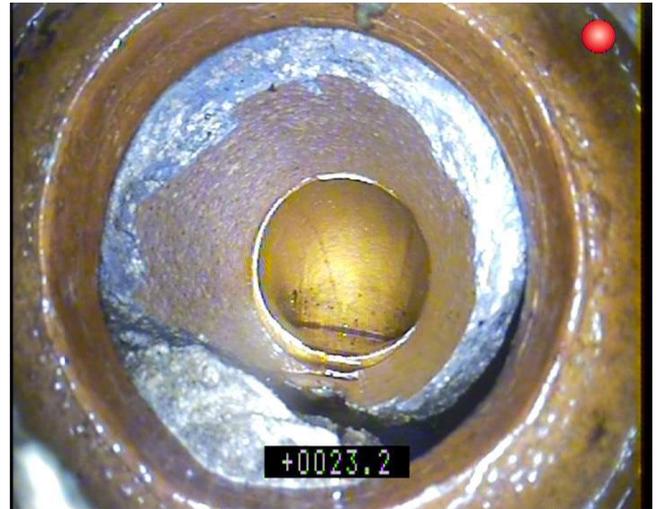


Image Ref 64

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

41

Date

06/11/2015

Time

13:00

Location Type Code

Property with buildings

Start Node Reference

SWMH2

Depth at Start Node (m)

1.28

Finish Node Reference

BACK DROP

Use of Drain

Surface water

Type of Drain

Gravity drain/sewer

Direction

Survey upstream (camera pointing against flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Vitrified clay (i.e. all clayware)

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

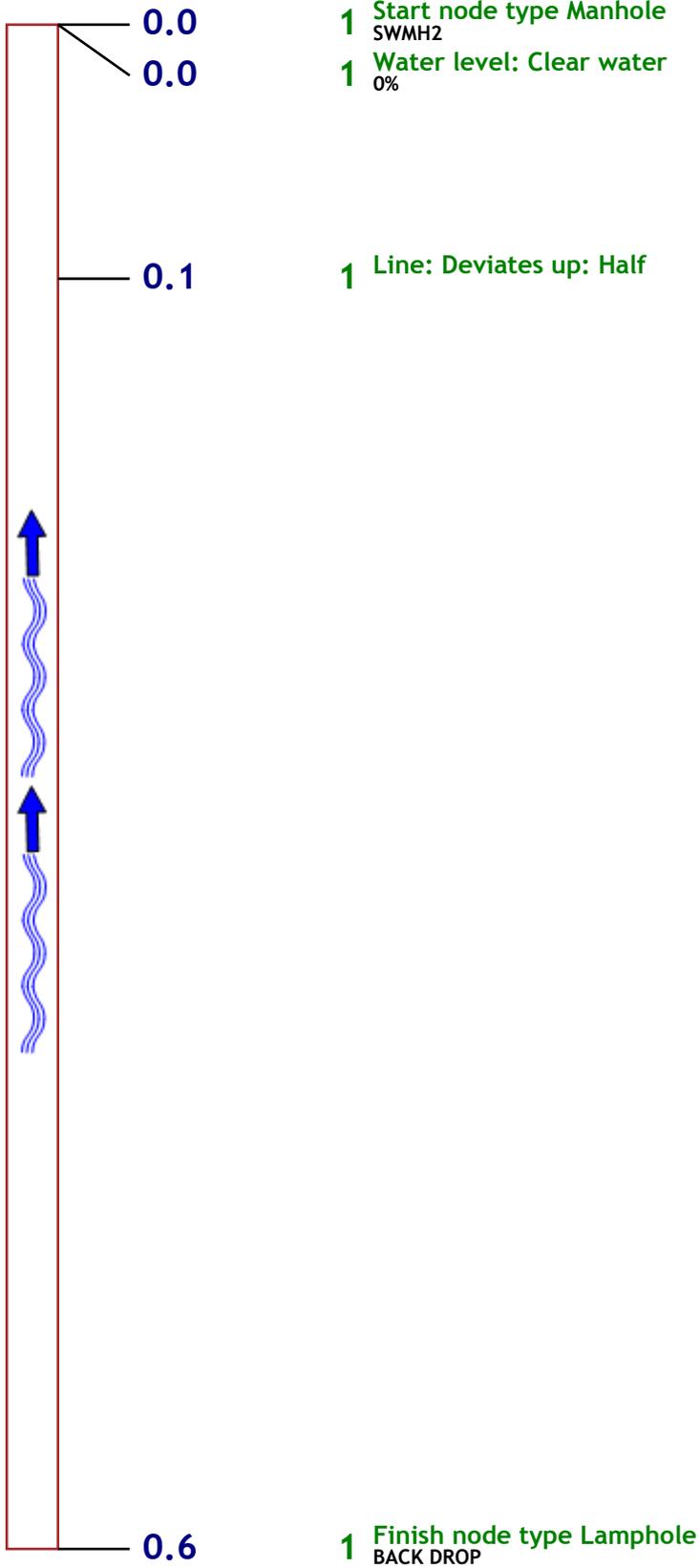
Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:



Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

42

Date

06/11/2015

Time

13:00

Location Type Code

Property with buildings

Start Node Reference

SWMH2

Depth at Start Node (m)

1.28

Finish Node Reference

SWMH3

Use of Drain

Surface water

Type of Drain

Gravity drain/sewer

Direction

Survey downstream (camera pointing with flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Vitrified clay (i.e. all clayware)

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

Yes

General Remarks

SWMH3 HIDDEN

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:

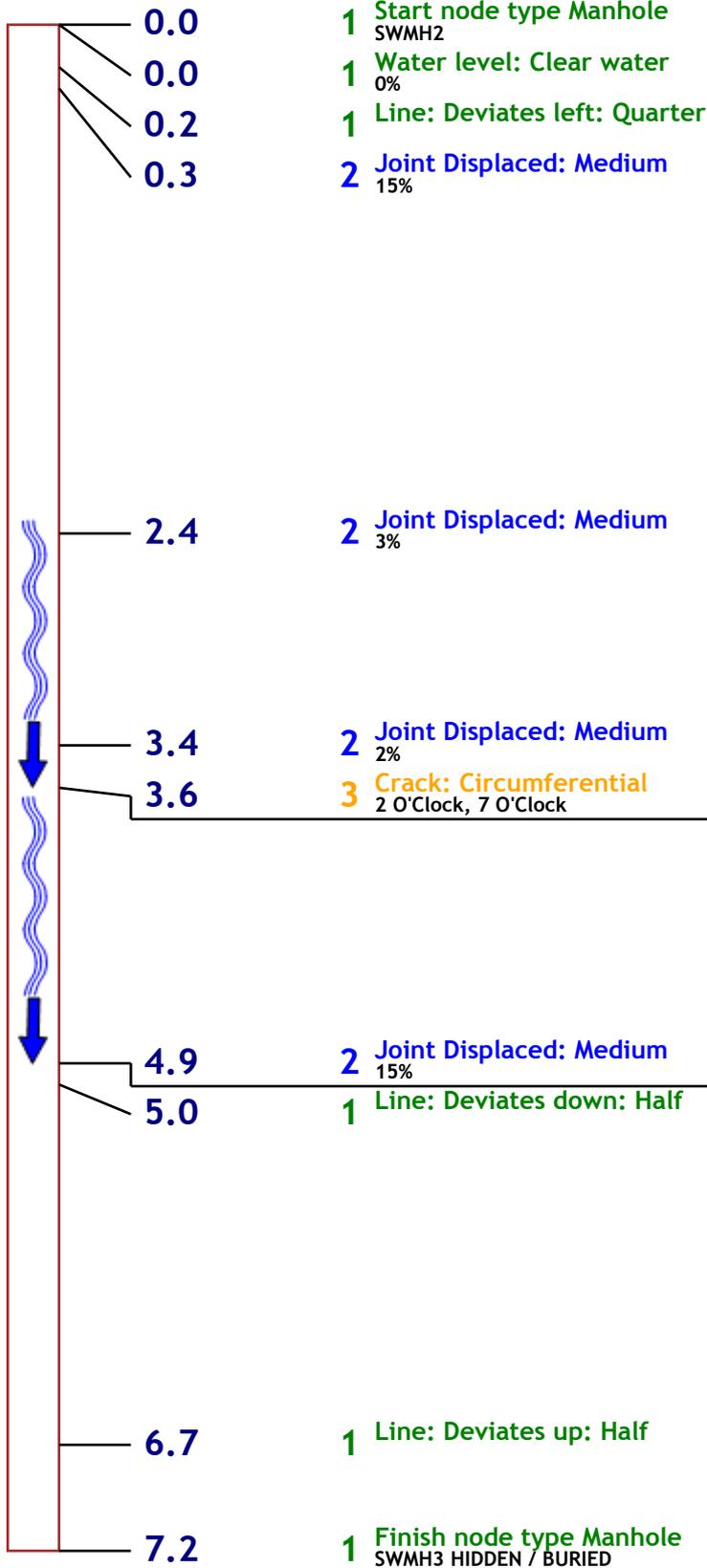


Image Ref 65



Image Ref 66

Contractor Job Reference: 2929

Client Job Reference:



Image Ref 65



Image Ref 66

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

43

Date

06/11/2015

Time

13:00

Location Type Code

Property with buildings

Start Node Reference

SWMH3

Finish Node Reference

SWMH4

Depth at Finish Node (m)

0.69

Use of Drain

Surface water

Type of Drain

Gravity drain/sewer

Direction

Survey downstream (camera pointing with flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Vitrified clay (i.e. all clayware)

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

Yes

General Remarks

SWMH3 HIDDEN

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:

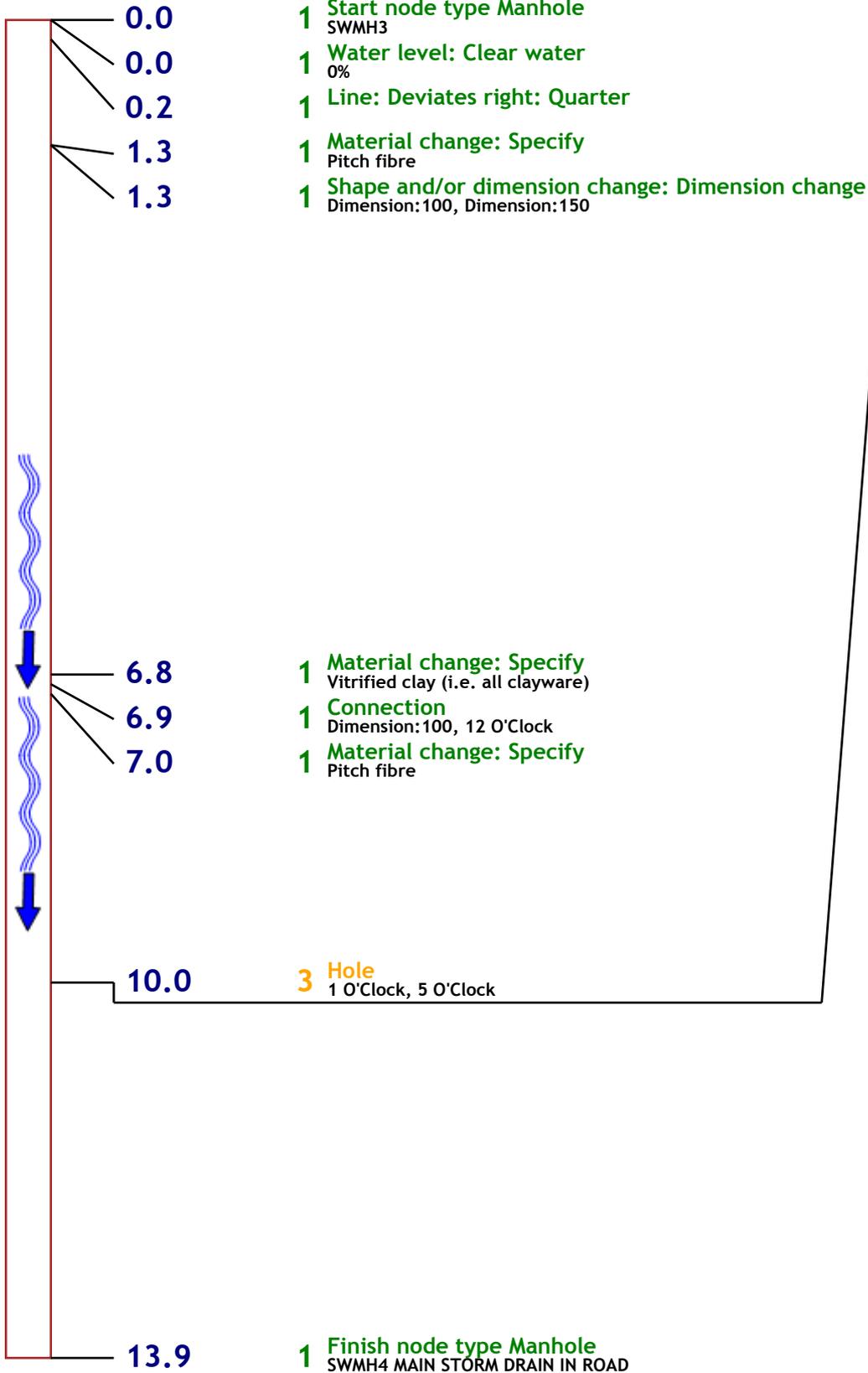


Image Ref 67

Contractor Job Reference: 2929

Client Job Reference:



Image Ref 67

Contractor Job Reference: 2929

Client Job Reference:

Pipeline Length Reference

44

Date

06/11/2015

Time

13:00

Location Type Code

Property with buildings

Start Node Reference

SWMH4 SPUR1

Depth at Start Node (m)

0.69

Finish Node Reference

UNKNOWN

Use of Drain

Surface water

Type of Drain

Gravity drain/sewer

Direction

Survey upstream (camera pointing against flow)

Height or Diameter (mm)

100

Shape

Circular

Material

Pitch fibre

Lining Material

Other (details should be recorded in the remarks section)

Lining Type

No Lining

Pre-cleaned

Yes

Flow Control Measures

No flow control

Contractor Job Reference: 2929

Client Job Reference:

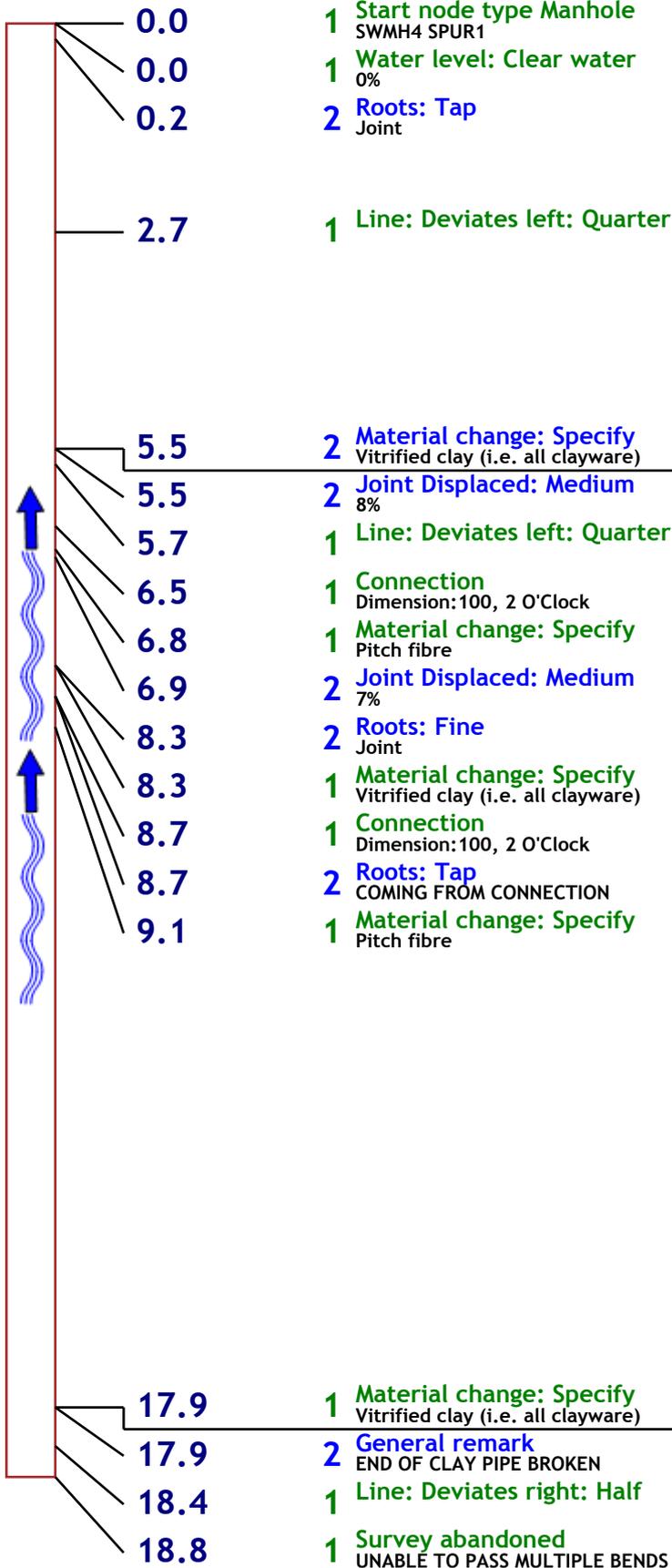


Image Ref 68

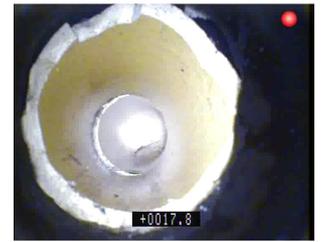


Image Ref 69

Contractor Job Reference: 2929

Client Job Reference:



Image Ref 68



Image Ref 69