

Client : *Space 2*

Site : *1 – 2 Vulcan Close
Whitstable
Kent
CT5 4LZ*

Date : *4th August 2015*

CCTV Survey Report



Survey Ref : *TV150808*

*Sewer Inspection,
Cleaning and Repair*



InSewer Surveys
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 Chatham
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 Fax: 01634 201 376
 Email: liam@insewer.co.uk

Project-information / Inspection: 1

Project name :
TV150808

Contract Number :

Contact :

Date :
04/08/2015

Client: **Space 2**
 Contact Name: **Tom George**
 Department:
 Road: **64 - 66 Station Road**
 Town: **Whitstable**
 County: **Kent CT5 1LF**
 Telephone: **01227 282 726**
 Fax:
 Mobile: **07834 639 382**
 E-mail: **tomgeorge@space2group.com**

Site: **.**
 Contact Name:
 Department:
 Road: **1 - 2 Vulcan Close**
 Town: **Whitstable**
 County: **Kent CT5 4LZ**
 Telephone:
 Fax:
 Mobile:
 E-mail:

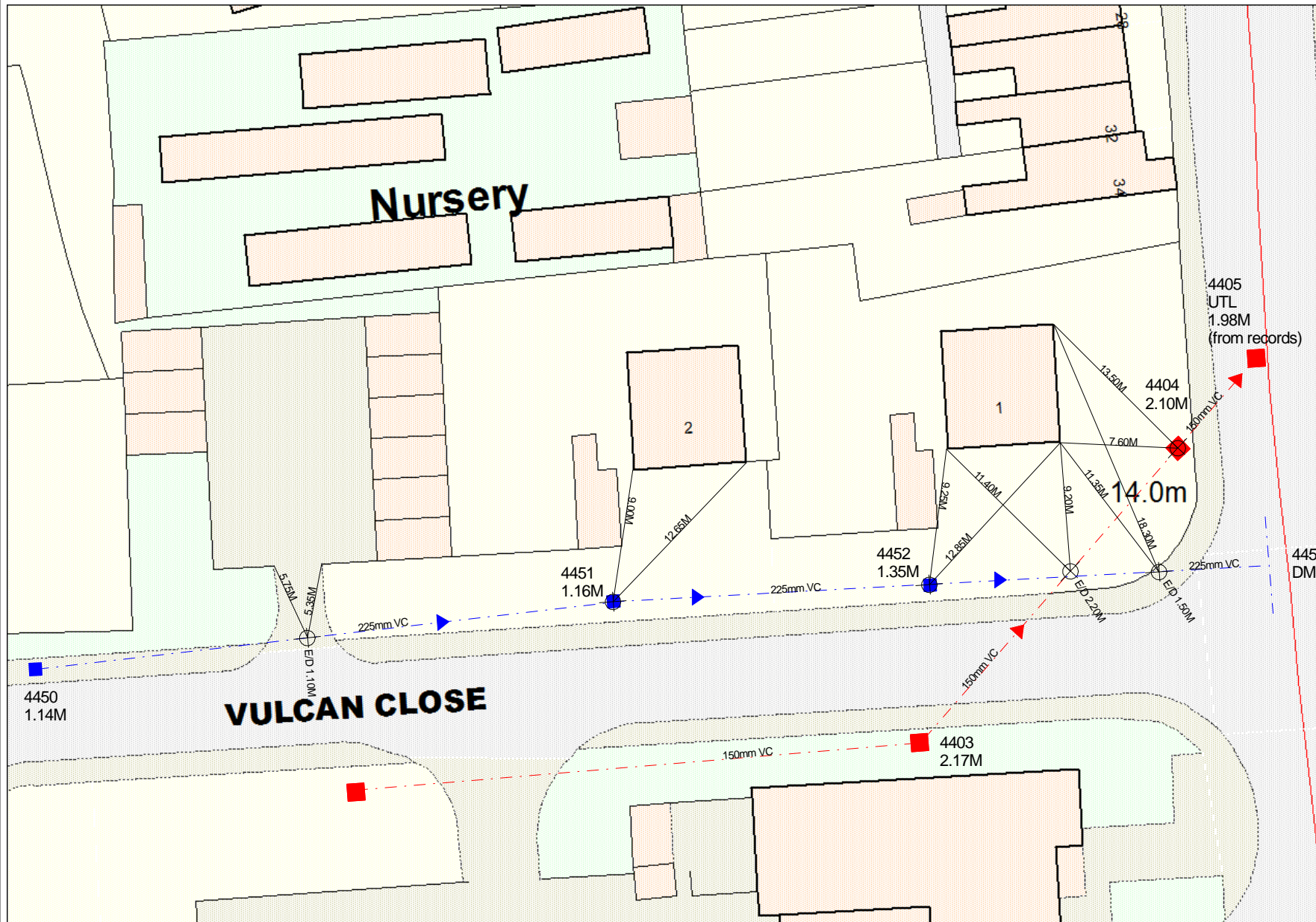
Contractor **InSewer Surveys**
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 County: **Kent ME5 8UD**
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InSewer Surveys

**for CCTV, Sewer Location
and Repair**

CCTV Survey Plan



- General Notes
- ▶ foul water manhole with flow direction
 - soil pipe
 - foul gully
 - ▶ surface water mh with flow direction
 - rwp
 - rainwater gully
 - svp soil & vent pipe
 - sp soil pipe
 - wc toilet
 - fg foul gully
 - rg rainwater gully
 - rwp rainwater pipe
 - re rodding eye
 - Points traced electronically

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Project Name and Address

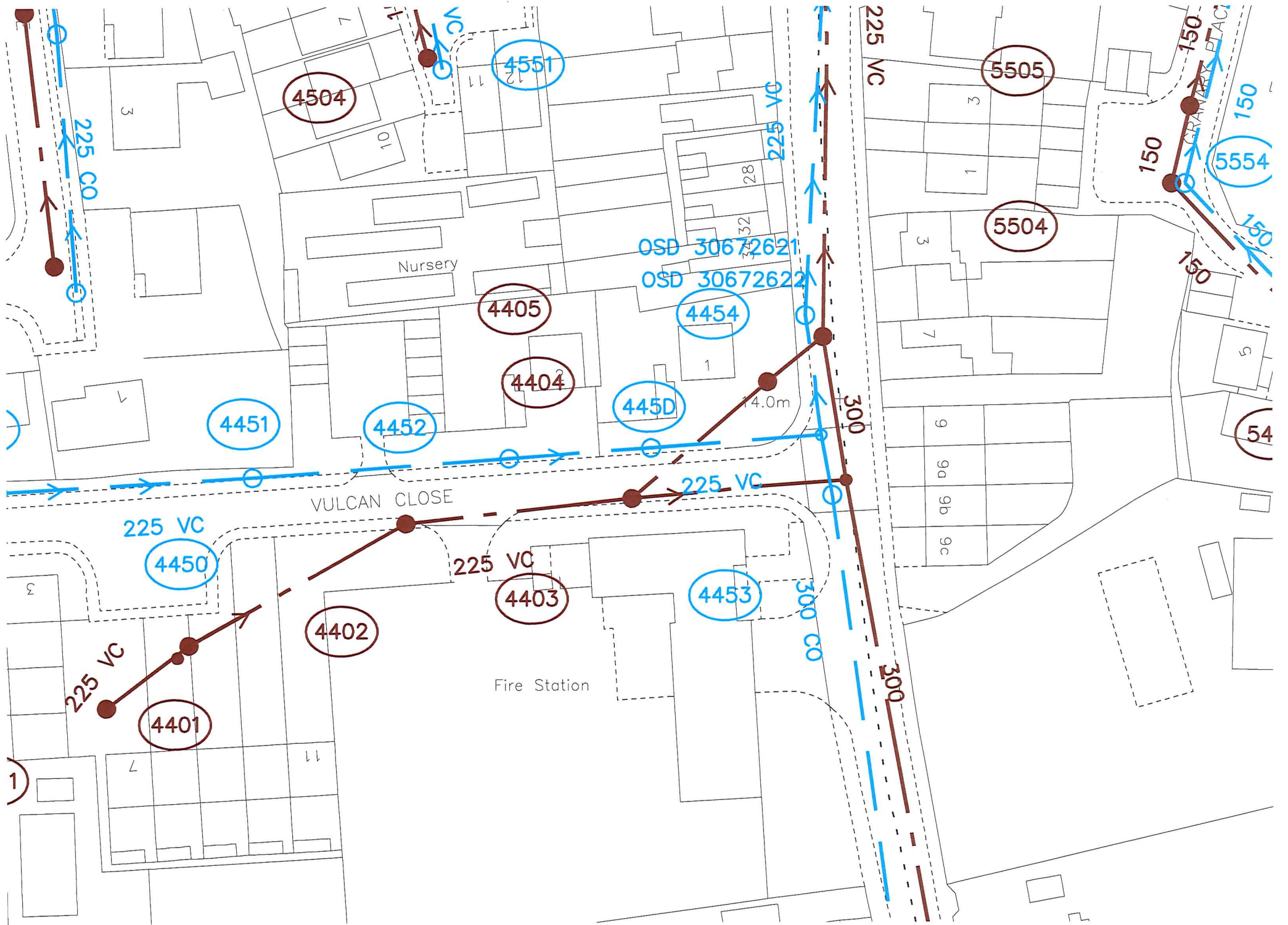
1-2 Vulcan Close
 Whitstable
 CT5 4LZ

Drainage Survey

Disclaimer

Detail shown on this plan is for reference only.
 The positions of the pipes have been traced electronically and their route and location are believed to be correct.
 InSewer Surveys accept no responsibility in the event of inaccuracy.
 Before mechanical plant is used the actual position and route of the drainage system should be verified on site.

Project TV150808
 Date 4 AUG 2015
 Scale Not to scale





InSewer Surveys

**for CCTV, Sewer Location
and Repair**

Site Photos



4403



4404



4450



4451



4452



FRONT NO. 1



FRONT NO. 1



NO. 2



InSewer Surveys

**for CCTV, Sewer Location
and Repair**

CCTV Survey Report



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Inspection report / Inspection: 1

Date : 04/08/2015	Job number : TV150808	Weather : Dry	Sewer category:	Section number : 1	PLR suffix : X
Present :	Vehicle :	Camera :	Preset :	Cleaned : no	Operator : InSewer DW

Place : Road : Location Inspection	WHITSTABLE 1-2 VULCAN CLOSE Footpath or verge TR10654404 (U/S) TR10654403	Location details: Catchment: Tape number : Pipe length :	U/S MH : TR10654403 U/S Depth : 2.17 D/S MH : TR10654404 D/S Depth : 2.1
Use: Lining : Purpose : Total length :	Foul Condition and location	Pipe shape : Pipe size : Pipe width : Pipe material :	Circular 150 mm Vitrified clay

Comment :

1:195 Position	Code	Observation
Depth: 2.1		
0.00	ST	Start of survey
0.00	MH	Manhole Remarks: TR10654404
0.00	WL	Water level, 10% of sewer height
0.50	S1	EM Encrustation, medium, from 4 to 8 o'clock, 10% cross-sectional area loss, Start
0.60	LR	Line of sewer deviates right Remarks: SLIGHT
9.00	GO	General observation Remarks: EXITING PROPERTYS BOUNDARY
22.30	RMJ	Roots, mass at joint, 10% cross-sectional area loss
22.30	RFJ	Roots, fine at joint
23.00	DE	Debris, 20% cross-sectional area loss
23.80	F1	EM Encrustation, medium, from 4 to 8 o'clock, 10% cross-sectional area loss, End
23.80	MH	Manhole Remarks: TR10654403
23.80	FH	Finish survey
Depth: 2.17		

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	4	5	2.16	49.6	4



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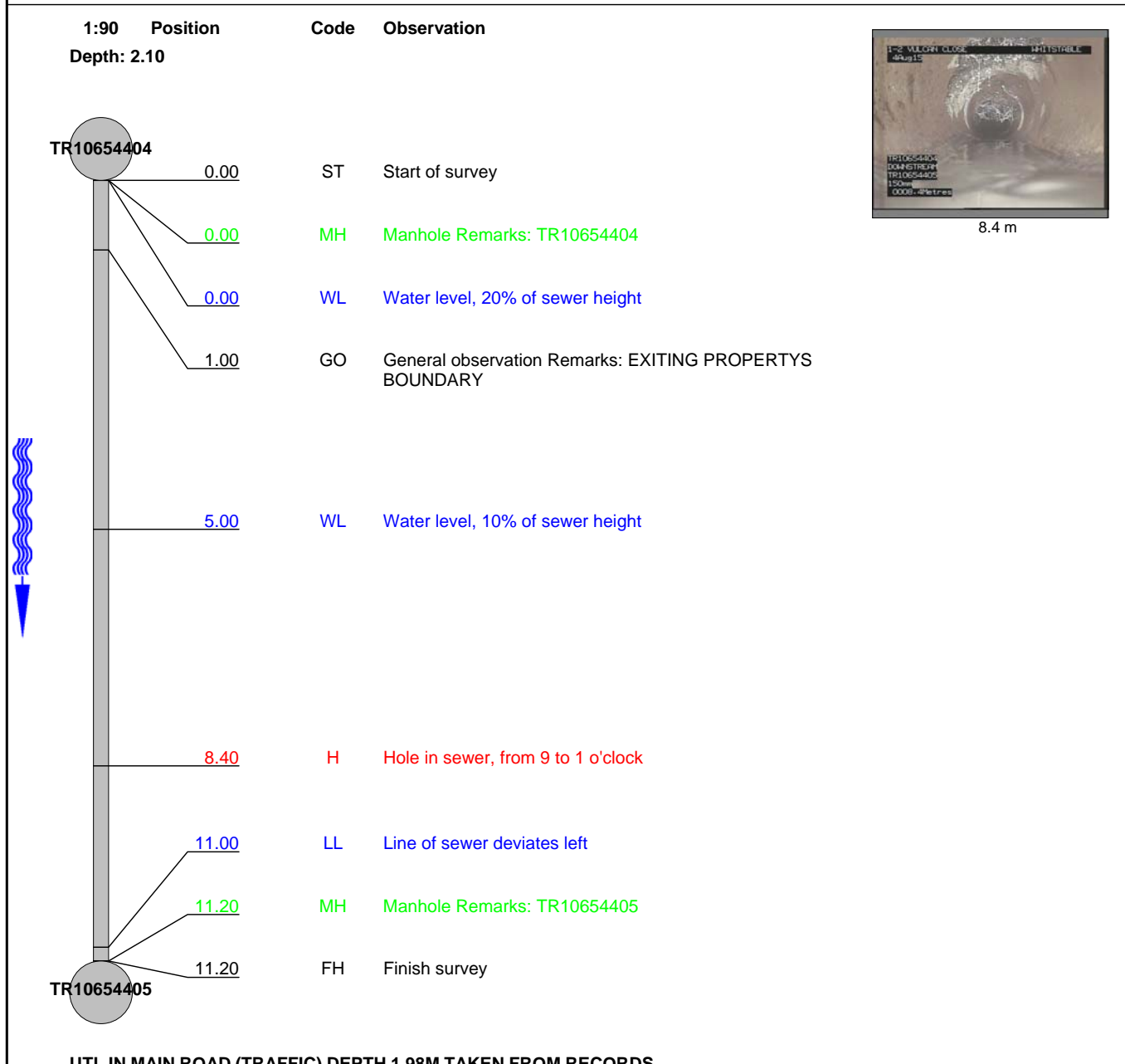
Inspection report / Inspection: 1

Date : 04/08/2015	Job number : TV150808	Weather : Dry	Sewer category:	Section number : 2	PLR suffix : X
Present :	Vehicle :	Camera :	Preset :	Cleaned : no	Operator : InSewer DW

Place : Road : Location Inspection	WHITSTABLE 1-2 VULCAN CLOSE Footpath or verge TR10654404 (D/S) TR10654405	Location details: Catchment: Tape number : Pipe length :	U/S MH : U/S Depth : D/S MH : D/S Depth :
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Use: Foul Lining : Purpose : Condition and location Total length :	Pipe shape : Circular Pipe size : 150 mm Pipe width : Pipe material : Vitrified clay
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Comment :



UTL IN MAIN ROAD (TRAFFIC) DEPTH 1.98M TAKEN FROM RECORDS

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
1	165	14.73	165	5	0	0	0	0	1



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Inspection pictures / Inspection: 1

Place : WHITSTABLE	Road : 1-2 VULCAN CLOSE	Date : 04/08/2015	Section number : 2	PLR suffix : X
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Photo: 001.JPG, VCR No.: 00002
8.4m, Hole in sewer, from 9 to 1 o'clock



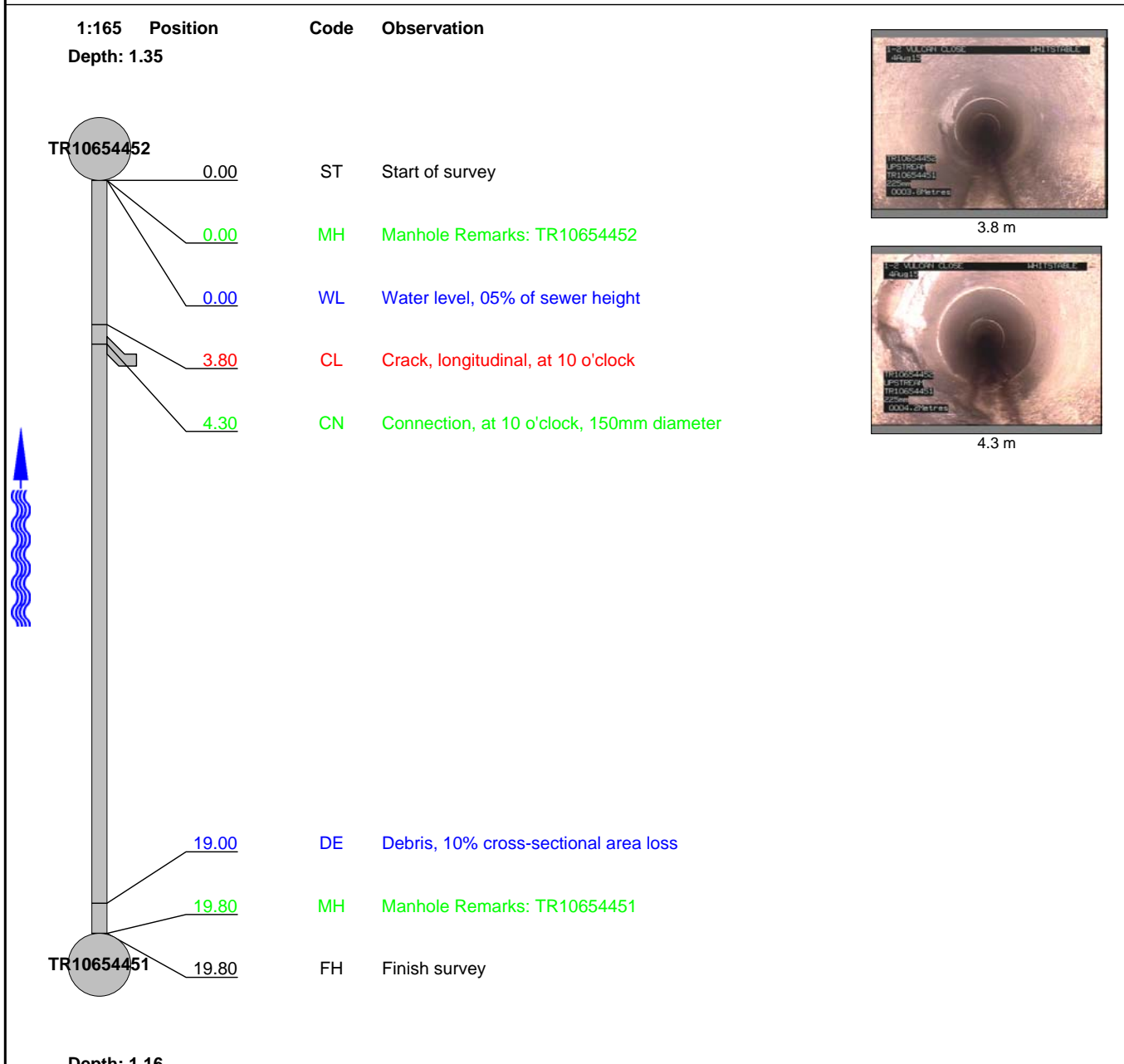
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Inspection report / Inspection: 1

Date : 04/08/2015	Job number : TV150808	Weather : Dry	Sewer category:	Section number : 3	PLR suffix : X
Present :	Vehicle :	Camera :	Preset :	Cleaned : no	Operator : InSewer DW

Place : Road : Location Inspection	WHITSTABLE 1-2 VULCAN CLOSE Footpath or verge TR10654452 (U/S) TR10654451	Location details: Catchment: Tape number : Pipe length :	U/S MH : TR10654451 U/S Depth : 1.16 D/S MH : TR10654452 D/S Depth : 1.35
Use: Lining : Purpose : Total length :	Surface water Condition and location	Pipe shape : Pipe size : Pipe width : Pipe material :	Circular 225 mm Vitrified clay

Comment :



Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
1	10	0.51	10	2	1	2	0.1	2	3



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Inspection pictures / Inspection: 1

Place : WHITSTABLE	Road : 1-2 VULCAN CLOSE	Date : 04/08/2015	Section number : 3	PLR suffix : X
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Photo: 002.JPG, VCR No.: 00003
3.8m, Crack, longitudinal, at 10 o'clock



Photo: 003.jpg, VCR No.: 00003
4.3m, Connection, at 10 o'clock, 150mm diameter



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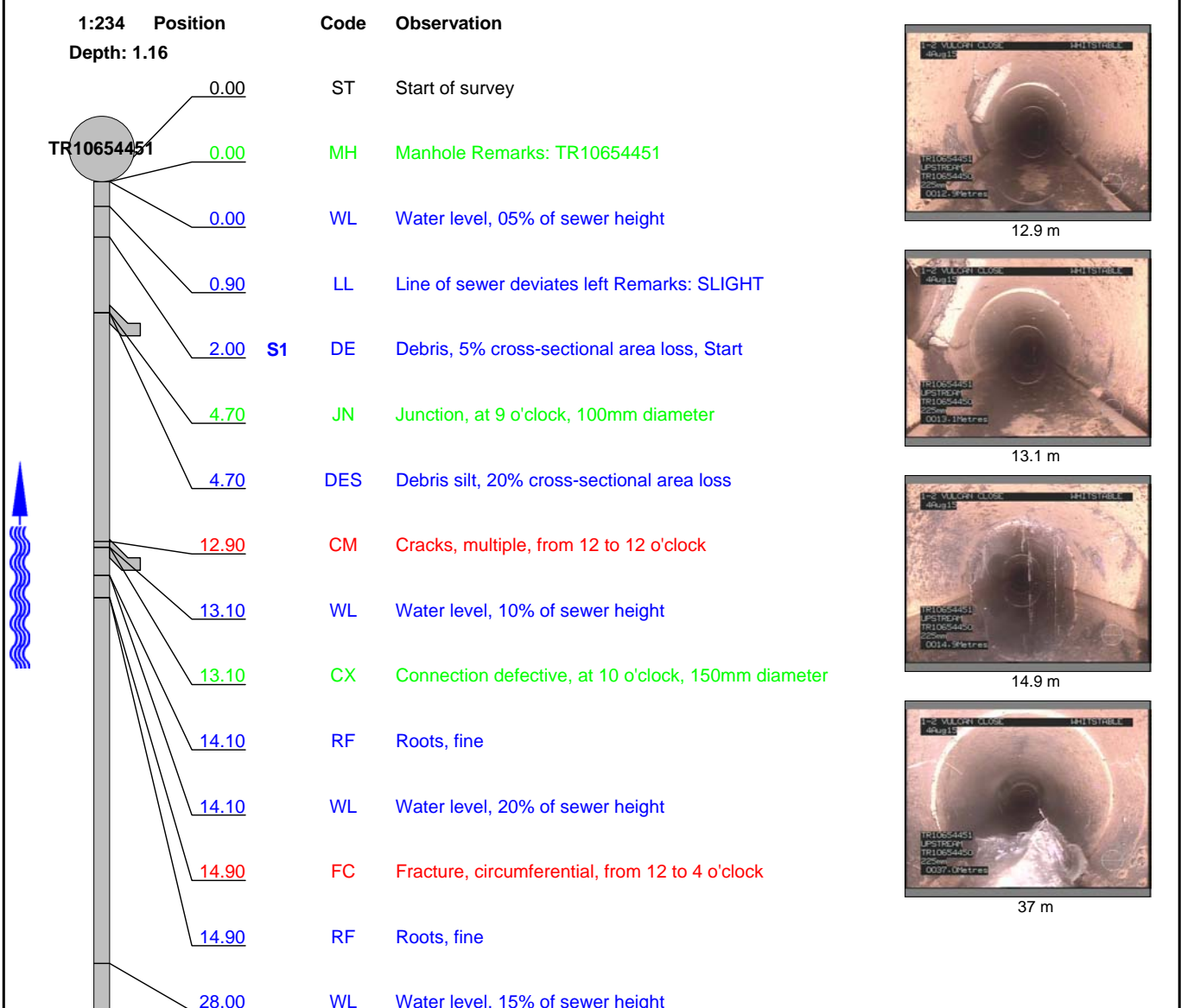
Inspection report / Inspection: 1

Date : 04/08/2015	Job number : TV150808	Weather : Dry	Sewer category:	Section number : 4	PLR suffix : X
Present :	Vehicle :	Camera :	Preset :	Cleaned : no	Operator : InSewer DW

Place : Road : Location Inspection	WHITSTABLE 1-2 VULCAN CLOSE Footpath or verge TR10654451 (U/S) TR10654450	Location details: Catchment: Tape number : Pipe length :	U/S MH : TR10654450 U/S Depth : 1.14 D/S MH : TR10654451 D/S Depth : 1.16
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Use: Surface water Lining : Purpose : Condition and location Total length :	Pipe shape : Circular Pipe size : 225 mm Pipe width : Pipe material : Vitrified clay
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Comment :

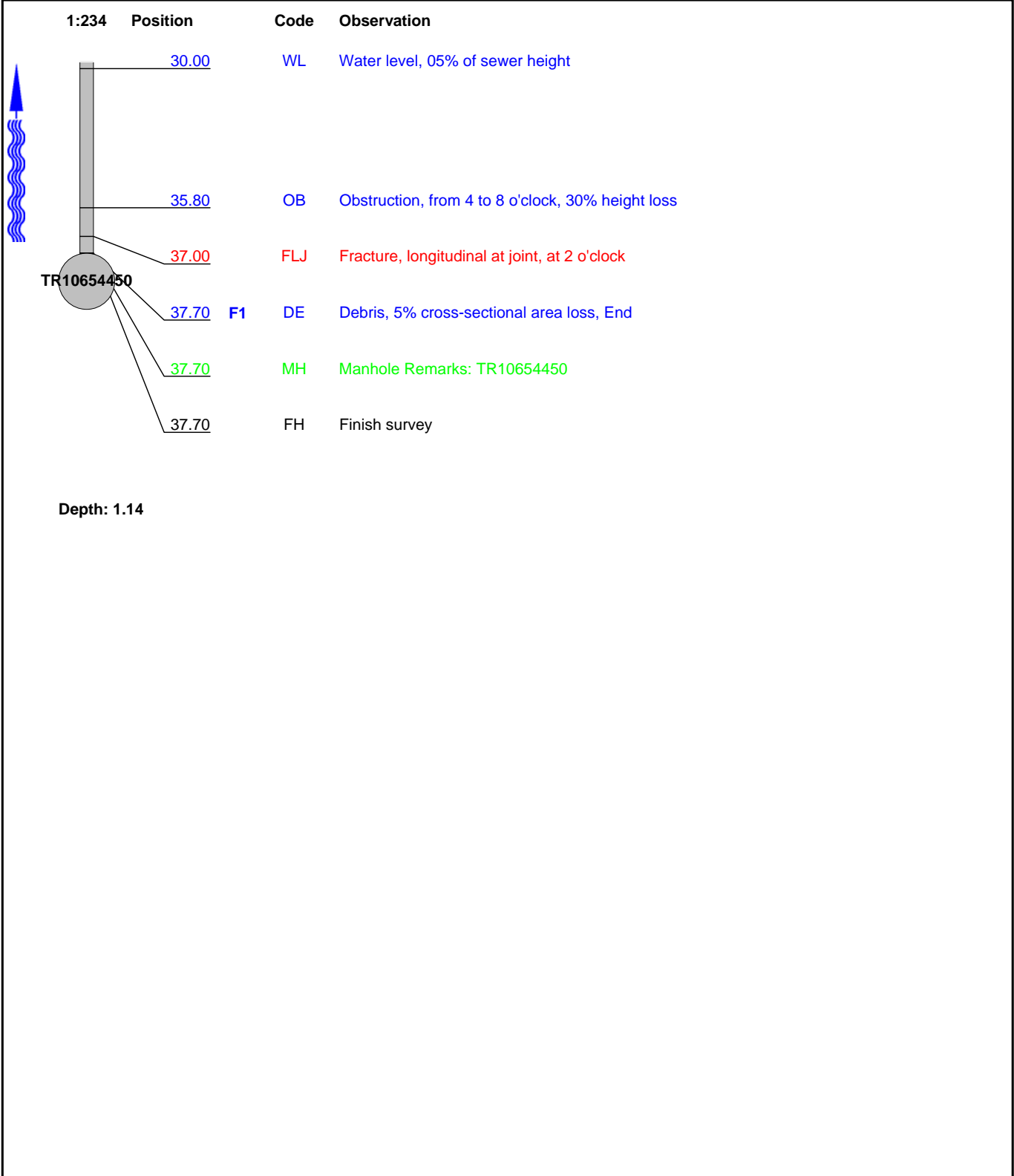




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Inspection report / Inspection: 1

Date : 04/08/2015	Job number : TV150808	Weather : Dry	Sewer category:	Section number : 4	PLR suffix: X
Present :	Vehicle :	Camera :	Preset :	Cleaned : no	Operator: InSewer DW



Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
3	40	2.12	80	3	5	12	2.27	85.4	5



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Inspection pictures / Inspection: 1

Place : WHITSTABLE	Road : 1-2 VULCAN CLOSE	Date : 04/08/2015	Section number : 4	PLR suffix : X
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Photo: 004.JPG, VCR No.: 00004
 12.9m, Cracks, multiple, from 12 to 12 o'clock



Photo: 005.JPG, VCR No.: 00004
 13.1m, Connection defective, at 10 o'clock, 150mm diameter



Photo: 006.JPG, VCR No.: 00004
 14.9m, Fracture, circumferential, from 12 to 4 o'clock



Photo: 007.JPG, VCR No.: 00004
 37m, Fracture, longitudinal at joint, at 2 o'clock



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Inspection report / Inspection: 1

Date : 04/08/2015	Job number : TV150808	Weather : Dry	Sewer category:	Section number : 5	PLR suffix : X
Present :	Vehicle :	Camera :	Preset :	Cleaned : no	Operator : InSewer DW

Place : Road : Location Inspection	WHITSTABLE 1-2 VULCAN CLOSE Footpath or verge TR10654452 (D/S) TR1065445D	Location details: Catchment: Tape number : Pipe length :		U/S MH : U/S Depth : D/S MH : D/S Depth :	TR10654452 1.35 TR1065445D
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Use: Surface water	Pipe shape : Circular
Lining :	Pipe size : 225 mm
Purpose : Condition and location	Pipe width :
Total length :	Pipe material : Vitrified clay

Comment :

1:150 Position Depth: 1.35	Code	Observation	
TR10654452	ST	Start of survey	 5.2 m
0.00	MH	Manhole Remarks: TR10654452	
0.00	WL	Water level, 05% of sewer height	 18.5 m
5.20	RFJ	Roots, fine at joint	
5.20	CCJ	Crack, circumferential at joint, from 12 to 5 o'clock	
8.90	FLJ	Fracture, longitudinal at joint, at 9 o'clock	
8.90	CCJ	Crack, circumferential at joint, from 6 to 12 o'clock	
10.00	CCJ	Crack, circumferential at joint, from 8 to 4 o'clock	
10.00	CLJ	Crack, longitudinal at joint, at 11 o'clock	
14.50	GO	General observation Remarks: EXITING PROPERTY'S BOUNDARY	
14.60	WL	Water level, 10% of sewer height	
18.50	JN	Junction, at 10 o'clock, 100mm diameter	
18.50	EH	Encrustation, heavy, from 6 to 10 o'clock, 25% cross-sectional area loss	
18.70	SA	Survey abandoned Remarks: UNABLE TO PASS	

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
5	0	0	0	1	2	5	0.23	5	4



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Inspection pictures / Inspection: 1

Place : WHITSTABLE	Road : 1-2 VULCAN CLOSE	Date : 04/08/2015	Section number : 5	PLR suffix : X
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Photo: 008.JPG, VCR No.: 00005
 5.2m, Crack, circumferential at joint, from 12 to 5 o'clock



Photo: 009.jpg, VCR No.: 00005
 18.5m, Encrustation, heavy, from 6 to 10 o'clock, 25% cross-sectional area loss

Our Services

- *CCTV Surveys*
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InSewer Surveys



***Sewer Inspection,
Cleaning and Repair***

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Chatham, Kent ME5 8UD***