

Inspection pictures

 Place :
LONDON

 Road :
ST PANCRAS

 Date :
15/06/2019

 Section number :
2

 PLR Suffix :
X


Photo: TQ29835701_D_150619_233500_-_7.jpg, Media No.: 42774, 00:04:01
 93m, Attached deposits, encrustation, from 9 to 11 o'clock, 10% cross-sectional area loss



Photo: 3_3_59_A.jpg, Media No.: 42774, 00:04:19
 100m, General photograph taken at this point Remarks: 100 METERS

Inspection pictures

 Place :
LONDON

 Road :
ST PANCRAS

 Date :
15/06/2019

 Section number :
2

 PLR Suffix :
X


Photo: 3_3_60_A.jpg, Media No.: 42774, 00:04:32
 110m, General photograph taken at this point Remarks: 110 METERS



Photo: 3_3_20_A.jpg, Media No.: 42774, 00:05:03
 120m, General remark Remarks: REQUIRED METERAGE REACHED

Inspection pictures

 Place :
LONDON

 Road :
ST PANCRAS

 Date :
15/06/2019

 Section number :
2

 PLR Suffix :
X


Photo: 3_3_21_A.jpg, Media No.: 42774, 00:05:03

 120m, Finish node type, manhole reference number: MAIN RUN Remarks: REQUIRED
 METERAGE REACHED, SURVEY FINISHED AND COMPLETE

Report Information



CLEARVIEW SURVEYS LIMITED
OLD BARN FARM ROAD
THREE LEGGED CROSS
Tel: 01202 828281
Fax:
Email: andyg@clearviewsurveys.co.uk

Project-information

Project name :
11455 - ST PANCRAS WAY

Project Number :

Contact :

Date :
30/01/2019

Client: **PLOWMAN CRAVEN**
Contact Name: **ALEX RAMPTON**
Department: **2 LEA BUSINESS CENTRE**
Road: **LOWER LUTON ROAD**
Town: **HERTS**
County: **HARPENDEN AL5 5EQ**
Telephone: **01582 714 135**
Fax: **01582 765 370**
Mobile: **07943 751 435**
E-mail: **arampton@plowmancraven.co.uk**

Site:
Contact Name:
Department:
Road: **ST PANCRAS WAY**
Town:
County: **LONDON**
Telephone:
Fax:
Mobile:
E-mail:

Contractor **CLEARVIEW SURVEYS LIMITED**
Contact Name: **ANDY GUARE**
Department: **UNIT 301 WOOLSBRIDGE IND ESTATE**
Road: **OLD BARN FARM ROAD**
Town: **THREE LEGGED CROSS**
County: **DORSET**
Telephone: **01202 828281**
Fax:
Mobile: **07884 311690**
E-mail: **andyg@clearviewsurveys.co.uk**



CLEARVIEW SURVEYS LIMITED
OLD BARN FARM ROAD
THREE LEGGED CROSS
Tel.: 01202 828281
Fax:
Email: andyg@clearviewsurveys.co.uk

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Place :

**CLEARVIEW SURVEYS LIMITED**

OLD BARN FARM ROAD

THREE LEGGED CROSS

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Fax:

Email: andyg@clearviewsurveys.co.uk

ΣØ / Main sections

 Project name :
11455 - ST PANCRAS WAY

Project number :

Contact :

 Date :
30/01/2019

Nr.	US MH	DS MH	Date	Road	Tape No.	Material	m	(m)
2	FW5801	FW5702	30/01/2019	ST PANCRAS WAY		Brick	85.98	85.98
3	FW5702	FW6601	30/01/2019	ST PANCRAS WAY		Brick	86.72	86.72

Pipe size: EGG SHAPED 1020/780 = 172.7 m (172.7 m)

Nr.	US MH	DS MH	Date	Road	Tape No.	Material	m	(m)
1	FW5803	FW5801	30/01/2019	ST PANCRAS WAY		Brick	47.85	47.85

Pipe size: EGG SHAPED 1118/813 = 47.85 m (47.85 m)

All sections = 220.55 m (220.55 m)



CLEARVIEW SURVEYS LIMITED
OLD BARN FARM ROAD
Street : THREE LEGGED CROSS
Tel: 01202 828281
Fax:
Email: andyg@clearviewsurveys.co.uk

Inspection report

Date : 30/01/2019	Job number : 11455	Section Type :	Operator : SH09	Section number : 1	PLR SUFFIX: X
Weather no rain or snow	Vehicle : P50 CVS	Camera : PAN AND TILT	Preset :	Cleaned : no	Type of Drain : Gravity drain/sewer

Place :	LONDON	Location details:	U/S MH :	FW5803
Road :	ST PANCRAS WAY	Catchment:	U/S Depth :	0
Location	Road	Pipe Shape :	D/S MH :	FW5801
Inspection	FW5803 (D/S) FW5801	Pipe Length	D/S Depth :	0
Use:	Foul	Pipe Width :	813 mm	
Year laid :	Z	Pipe Diameter :	1118 mm	
Purpose :	Sample survey to determine asset condition	Pipe material :	Brick	
Total length :	47.85 m	Lining :		
Comment :	NO FURTHER ACTION REQUIRED			

1:342 Depth: 0	Position	Code	Observation	Grade
	0.00	MH	Start node type, manhole, reference number : FW5803	(Constr) 0
	0.00	WL	Water level, 5% of the vertical dimension	(Serv) 0
	0.02	CN	Connection other than junction, at 10 o'clock, diameter 225mm	(Constr) 0
	8.62	CUS	Loss of vision, steam	(Misc) 0
	9.01	S01 DEE	Attached deposits, encrustation, from 7 to 5 o'clock, 5% cross-sectional area loss, Start Remarks: PATCHY	(Serv) 3
	11.26	CXD	Connection defective, connecting pipe is damaged, at 3 o'clock, diameter 150mm	(Constr) 0
	14.18	CXD	Connection defective, connecting pipe is damaged, at 8 o'clock, diameter 150mm	(Constr) 0
	24.40	CNC	Connection other than junction, closed, at 3 o'clock, diameter 150mm	(Constr) 0
	24.63	CN	Connection other than junction, at 9 o'clock, diameter 100mm	(Constr) 0
	27.59	CNC	Connection other than junction, closed, at 9 o'clock, diameter 150mm	(Constr) 0
	29.40	CN	Connection other than junction, at 9 o'clock, diameter 100mm	(Constr) 0
	37.25	CN	Connection other than junction, at 9 o'clock, diameter 150mm	(Constr) 0
	39.66	CN	Connection other than junction, at 2 o'clock, diameter 150mm Remarks: PIECE OF CLAY PIPE WEDGING OPEN NRV	(Constr) 0
	42.35	CN	Connection other than junction, at 9 o'clock, diameter 150mm Remarks: NRV OPEN	(Constr) 0
	43.03	CNC	Connection other than junction, closed, at 11 o'clock, diameter 150mm	(Constr) 0



39.66 m



44.17 m



45.59 m



Date : 30/01/2019	Job number : 11455	Weather : no rain or snow	Operator : SH09	Section number : 1	PLR : X
Weather no rain or snow	Vehicle : P50 CVS	Camera : PAN AND TILT	Preset :	Cleaned : no	Grade:

11455 - ST PANCRAS WAY



Inspection pictures

Place :
LONDON

Road :
ST PANCRAS WAY

Date :
30/01/2019

Section number :
1

PLR Suffix :
X



Photo: 1_1_15_A.JPG

39.66m, Connection other than junction, at 2 o'clock, diameter 150mm



Photo: 1_1_18_A.JPG

44.17m, Infiltration, running, at 3 o'clock

Place :



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Fax:

Email: andyg@clearviewsurveys.co.uk

Inspection pictures

Place :
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Road :
ST PANCRAS WAY

Date :
30/01/2019

Section number :
1

PLR Suffix :
X



Photo: 1_1_21_A.JPG
45.59m, General remark



Date : 30/01/2019	Job number : 11455	Section Type : SH09	Operator : SH09	Section number : 2	PLR SUFFIX: X
Weather no rain or snow	Vehicle : P50 CVS	Camera : PAN AND TILT	Preset :	Cleaned : no	Type of Drain : Gravity drain/sewer

Place :	LONDON	Location details:	U/S MH :	FW5801
Road :	ST PANCRAS WAY	Catchment:	U/S Depth :	0
Location	Road	Pipe Shape :	D/S MH :	FW5702
Inspection	FW5801 (D/S) FW5702	Pipe Length	D/S Depth :	0

Use:	Foul	Pipe Width :	780 mm
Year laid :	Z	Pipe Diameter :	1020 mm
Purpose :	Sample survey to determine asset condition	Pipe material :	Brick
Total length :	85.98 m	Lining :	

Comment : **NO FURTHER ACTION REQUIRED**

1:690	Position	Code	Observation	Grade
Depth: 0				
<div>LONDON ST PANCREAS WAY FO801 -> FW5702 Brick Egg shaped 1020</div> <div>+082.39</div> <div>82.39 m</div> <div>LONDON ST PANCREAS WAY FW501 -> FW5702 Brick Egg shaped 1020</div> <div>+083.36</div> <div>83.36 m</div>	0.00	MH	Start node type, manhole, reference number : FW5801	(Constr) 0
	0.00	WL	Water level, 5% of the vertical dimension	(Serv) 0
	4.61	S01 DEE	Attached deposits, encrustation, from 7 to 5 o'clock, 5% cross-sectional area loss, Start Remarks: PATCHY	(Serv) 3
	17.13	CN	Connection other than junction, at 3 o'clock, diameter 150mm Remarks: NRV	(Constr) 0
	21.95	CN	Connection other than junction, at 10 o'clock, diameter 100mm	(Constr) 0
	41.70	CN	Connection other than junction, at 9 o'clock, diameter 300mm	(Constr) 0
	44.03	CN	Connection other than junction, at 3 o'clock, diameter 300mm	(Constr) 0
	67.58	CN	Connection other than junction, at 2 o'clock, diameter 100mm	(Constr) 0
	82.39	REM	General remark Remarks: LAMPHOLE	(Misc) 0
	83.36	REM	General remark Remarks: POSSIBLE REDUNDANT SEWER COMING INTO RUN. PIPE HAS BEEN BRICKED UP.	(Misc) 0
	85.98	F01 DEE	Attached deposits, encrustation, from 7 to 5 o'clock, 5% cross-sectional area loss, End Remarks: PATCHY	(Serv) 3
	85.98	MHF	Finish node type, manhole reference number: FW5702	(Constr) 0
Depth: 0				

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	1	2	1.89	162.6	3



Inspection pictures

Place :
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30/01/2019

Section number :
2

PLR Suffix :
X



Photo: 3_3_32_A.JPG
82.39m, General remark



Photo: 3_3_33_A.JPG
83.36m, General remark



CLEARVIEW SURVEYS LIMITED
OLD BARN FARM ROAD
Street : THREE LEGGED CROSS
Tel: 01202 828281
Fax:
Email: andyg@clearviewsurveys.co.uk

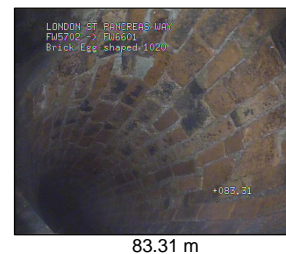
Inspection report

Date : 30/01/2019	Job number : 11455	Section Type :	Operator : SH09	Section number : 3	PLR SUFFIX: X
Weather no rain or snow	Vehicle : P50 CVS	Camera : PAN AND TILT	Preset :	Cleaned : no	Type of Drain : Gravity drain/sewer

Place : Road : Location Inspection	LONDON ST PANCRAS WAY Road FW5702 (D/S) FW6601	Location details: Catchment: Pipe Shape : Pipe Length	Egg shaped	U/S MH : U/S Depth : D/S MH : D/S Depth :	FW5702 0 FW6601 0
Use: Year laid : Purpose : Total length :	Foul Z Sample survey to determine asset condition 86.72 m	Pipe Width : Pipe Diameter : Pipe material : Lining :	780 mm 1020 mm Brick 		

Comment : **SCALE CUTTING REQUIRED**

1:666 Depth: 0	Position	Code	Observation	Grade
	0.00	MH	Start node type, manhole, reference number : FW5702	(Constr) 0
	0.00	WL	Water level, 5% of the vertical dimension	(Serv) 0
	2.74	S01 DEE	Attached deposits, encrustation, from 7 to 5 o'clock, 5% cross-sectional area loss, Start Remarks: PATCHY	(Serv) 3
	9.89	CN	Connection other than junction, at 10 o'clock, diameter 100mm	(Constr) 0
	34.64	REM	General remark Remarks: SEWER CONNECTION	(Misc) 0
	38.49	CXD	Connection defective, connecting pipe is damaged, at 3 o'clock, diameter 150mm Remarks: NRV OPEN	(Constr) 0
	44.21	WL	Water level, 10% of the vertical dimension	(Serv) 0
	45.47	CN	Connection other than junction, at 3 o'clock, diameter 150mm Remarks: NRV	(Constr) 0
	52.24	CN	Connection other than junction, at 3 o'clock, diameter 225mm	(Constr) 0
	55.12	CN	Connection other than junction, at 3 o'clock, diameter 100mm	(Constr) 0
	55.14	SS	Surface damage, spalling, at 3 o'clock	
	62.54	CXD	Connection defective, connecting pipe is damaged, at 10 o'clock, diameter 150mm	(Constr) 0
	76.15	CN	Connection other than junction, at 9 o'clock, diameter 150mm Remarks: NRV	(Constr) 0
	83.31	JN	Junction, at 10 o'clock, diameter 600mm Remarks: PIPE SIZE UNKNOWN	(Constr) 0
	83.37	CN	Connection other than junction, at 2 o'clock, diameter 150mm Remarks: NRV	(Constr) 0





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Fax:
Email: andyg@clearviewsurveys.co.uk

Inspection Report

Date : 30/01/2019	Job number : 11455	Weather : no rain or snow	Operator : SH09	Section number : 3	PLR : X
Weather no rain or snow	Vehicle : P50 CVS	Camera : PAN AND TILT	Preset :	Cleaned : no	Grade:

1:666	Position	Code	Observation	Grade
	86.72	REM	General remark Remarks: DEBRIS UNDER WL	(Misc) 0
	86.72	F01 DEE	Attached deposits, encrustation, from 7 to 5 o'clock, 5% cross-sectional area loss, End Remarks: PATCHY	(Serv) 3
	86.72	MHF	Finish node type, manhole reference number: FW6601 Remarks: MH IN VIEW	(Constr) 0

Depth: 0

Structural Defects

Service Defects

Constructional Features

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	1	2	1.94	168	3

11455 - ST PANCRAS WAY

Inspection pictures

Place :
LONDON

Road :
ST PANCRAS WAY

Date :
30/01/2019

Section number :
3

PLR Suffix :
X



Photo: 4_4_41_A.JPG
34.64m, General remark



Photo: 4_4_42_A.JPG
38.49m, Connection defective, connecting pipe is damaged, at 3 o'clock, diameter 150mm

Inspection pictures

Place :
LONDON

Road :
ST PANCRAS WAY

Date :
30/01/2019

Section number :
3

PLR Suffix :
X



Photo: 4_4_48_A.JPG

62.54m, Connection defective, connecting pipe is damaged, at 10 o'clock, diameter 150mm



Photo: 4_4_50_A.JPG

83.31m, Junction, at 10 o'clock, diameter 600mm

Place :



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THREE LEGGED CROSS

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Fax:

Email: andyg@clearviewsurveys.co.uk

Inspection pictures

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Road :
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Date :
30/01/2019

Section number :
3

PLR Suffix :
X



Photo: 4_4_54_A.JPG

86.72m, Finish node type, manhole reference number: FW6601



RECOMMENDATIONS

IF YOU REQUIRE A QUOTATION FOR THE
REMEDIAL REPAIRS RECOMMENDED IN THIS
REPORT INCLUDING
DRAIN LINING, PATCH REPAIRS AND
EXCAVATIONS PLEASE CALL 01202 828281

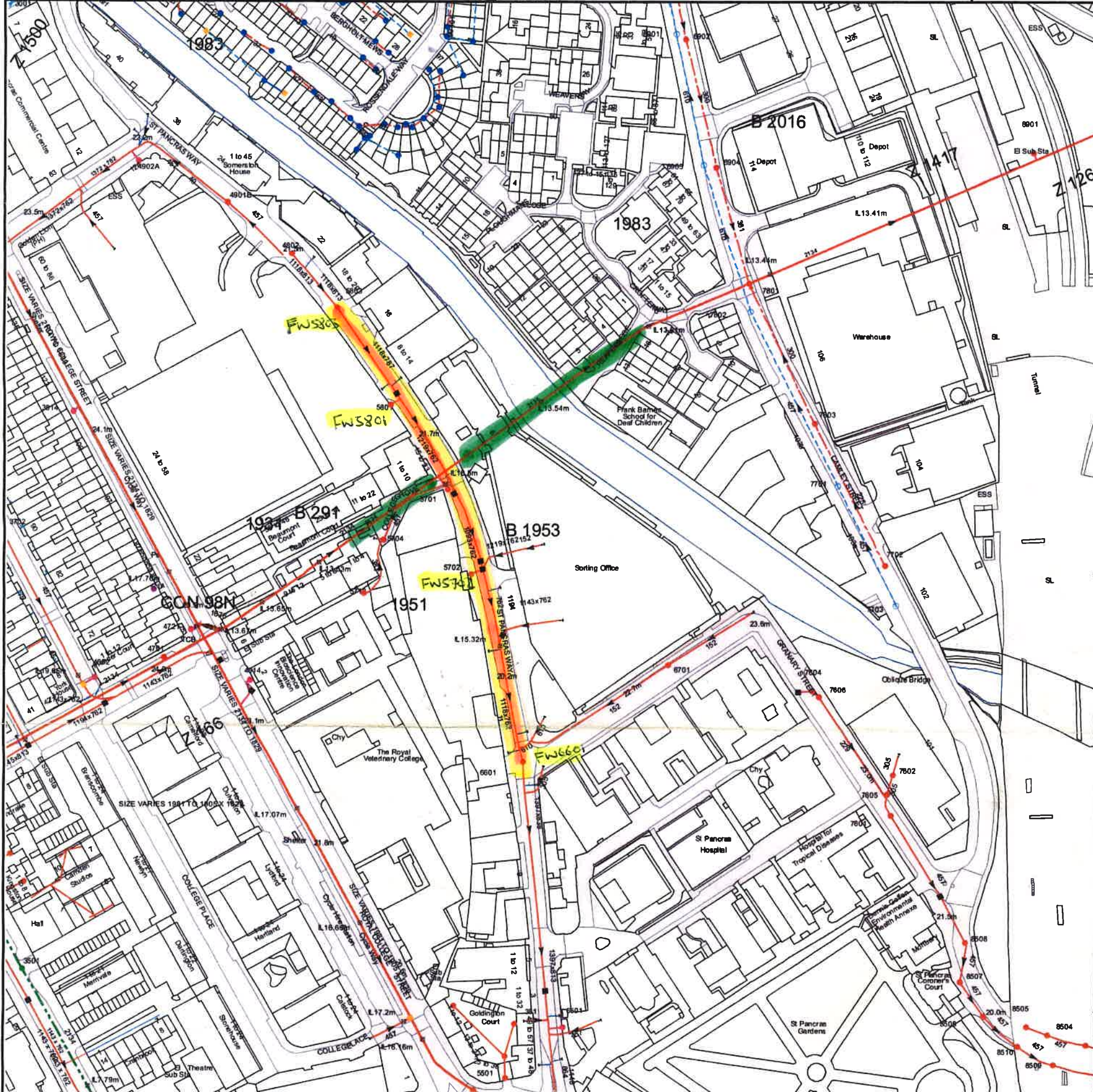
	<i>Upstream MH</i>	<i>Downstream MH</i>	<i>Remarks regarding the inspection</i>	<i>No.</i>
1	FW5803	FW5801	NO FURTHER ACTION REQUIRED	1
2	FW5801	FW5702	NO FURTHER ACTION REQUIRED	2
3	FW5702	FW6601	SCALE CUTTING REQUIRED	3



CLEARVIEW SURVEYS LTD
Old Barn Farm Road
Three Legged Cross, BH21 6SP
Tel: 01202 828281, Fax: 01202 824777

DRAINAGE LAYOUT DRAWINGS

Asset Location Search Sewer Map - ALS/ALS Standard/2016 3266264



The width of the displayed area is 500 m and the centre of the map is located at OS coordinates 529614,183754
 The position of the apparatus shown on this plan is given without obligation and warranty, and the accuracy cannot be guaranteed. Service pipes are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Thames Water for any error or omission. The actual position of mains and services must be verified and established on site before any works are undertaken.
 Based on the Ordnance Survey Map with the Sanction of the controller of H.M. Stationery Office, License no. 100019345 Crown Copyright Reserved.

Original Sewer
 Quotation
 Additional Sewer
 To Be Suggested