



Project

Project Name: REDROW HOMES, BARNHAM S104 SW
Project Description: S104 SW SURVEY
Project Number: 649
Project Status: On Site
Project Date: 06/11/2021
Inspection Standard: MSCC5 Sewers & Drainage GB (SRM5 Scoring)



**REDROW
HOMES**

Table of Contents**Project Name**
REDROW HOMES, BARNHAM S104 SW**Project Number**
649**Project Date**
06/11/2021

Project Information	P-1
Section Profile	P-2
Section: 1; SW32 > SW35 (SW32X)	1
Section: 2; SW35 > SW36 (SW35X)	2
Section: 3; SW36 > SW37 (SW36X)	3
Section: 4; SW37 > SW40 (SW37X)	4
Section: 5; SW40 > SFA10B (SW40X)	5
Section: 6; SW3 > SW4 (SW3X)	6
Section: 7; SW2 > SW3 (SW2X)	7
Section: 8; SW4 > SW7 (SW4X)	8
Section: 9; SW7 > SW11 (SW7X)	9
Section: 10; SW11 > SW12 (SW11X)	10
Section: 11; SW12 > SW13 (SW12X)	11
Section: 12; SW13 > SW14 (SW13X)	12
Section: 13; SW14 > SW16 (SW14X)	13
Section: 14; SW16 > SW19 (SW16X)	14
Section: 15; SW19 > HEADWALL (SW19X)	15

Project Information**Project Name**
REDROW HOMES, BARNHAM S104 SW**Project Number**
649**Project Date**
06/11/2021**Client**

Company: Redrow Homes
Description: House Builder
Contact: Mitchell Garington
Department: Design Engineer
Street: Rankine Road
Town or City: Basingstoke
County: Hampshire
Post Code: RG24 8QQ
Phone: [REDACTED]
Email: [REDACTED]

**Contractor**

Company: All Round Plant
Description: Civil Engineering
Contact: Wayne Skinner
Department: Jetting & Cctv
Street: Unit 1, Riverside Industrial Park, Coneger Road
Town or City: Eastleigh, Southampton
County: Hampshire
Post Code: SO50 6JQ
Phone: [REDACTED]
Fax: [REDACTED]
Email: [REDACTED]



Section Profile

Project Name
REDROW HOMES, BARNHAM S104 SW

Project Number
649

Project Date
06/11/2021

Circular, 225 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
6	SW3	SW4	09/11/2021	YAPTON ROAD	Vitrified clay	30.50 m	30.50 m
7	SW2	SW3	09/11/2021	YAPTON ROAD	Vitrified clay	7.50 m	7.50 m
8	SW4	SW7	09/11/2021	YAPTON ROAD	Vitrified clay	10.00 m	10.00 m

Total: 3 Inspections x Circular 225 mm = 48.00 m Total Length and 48.00 m Inspected Length

Circular, 300 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
9	SW7	SW11	09/11/2021	YAPTON ROAD	Concrete	48.65 m	48.65 m

Total: 1 Inspection x Circular 300 mm = 48.65 m Total Length and 48.65 m Inspected Length

Circular, 450 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
1	SW32	SW35	06/11/2021	YAPTON ROAD	Concrete	38.20 m	38.20 m
2	SW35	SW36	06/11/2021	YAPTON ROAD	Concrete	12.75 m	12.75 m
3	SW36	SW37	06/11/2021	YAPTON ROAD	Concrete	19.70 m	19.70 m
4	SW37	SW40	06/11/2021	YAPTON ROAD	Concrete	15.15 m	15.15 m
5	SW40	SFA10B	06/11/2021	YAPTON ROAD	Concrete	10.35 m	10.35 m
10	SW11	SW12	09/11/2021	YAPTON ROAD	Concrete	16.00 m	16.00 m
11	SW12	SW13	09/11/2021	YAPTON ROAD	Concrete	20.00 m	20.00 m
12	SW13	SW14	09/11/2021	YAPTON ROAD	Concrete	20.00 m	20.00 m
13	SW14	SW16	09/11/2021	YAPTON ROAD	Concrete	19.80 m	19.80 m
14	SW16	SW19	10/11/2021	YAPTON ROAD	Concrete	66.50 m	66.50 m
15	SW19	HEADWALL	10/11/2021	YAPTON ROAD	Concrete	10.00 m	10.00 m

Total: 11 Inspections x Circular 450 mm = 248.45 m Total Length and 248.45 m Inspected Length

Total: 15 Inspections = 345.10 m Total Length and 345.10 m Inspected Length

Item No. 1	Insp. No. 1	Date 06/11/21	Time 10:47	Client's Job Ref YAPTON ROAD	Weather Not Specified	Pre Cleaned Yes	PLR SW32X
Operator WAYNE		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Barnham	Inspection Direction:	Downstream	Upstream Node:	SW32
Road:	Yapton Road	Inspected Length:	38.20 m	Upstream Pipe Depth:	
Location:	Road	Total Length:	38.20 m	Downstream Node:	SW35
Surface Type:	Asphalt Highway	Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	450 mm		
Flow Control:		Material:	Concrete		
Year Constructed:	2021	Lining Type:	No Lining		
Inspection Purpose:	Pre-adoption inspection	Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:330 Position [m] Code Observation MPEG Photo Grade

Depth: m

SW32

0.00

0.00

9.50

38.20

SW35

Depth: m

Code	Observation
MH	Start node, manhole, reference: SW32
JN	Junction at 3 o'clock, 150mm dia, from GULLY
JN	Junction at 9 o'clock, 150mm dia
MHF	Finish node, manhole, reference: SW35

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 Inspection - 06/11/2021 - SW35X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
2	1	06/11/21	10:59	YAPTON ROAD	Not Specified	Yes	SW35X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
WAYNE		Not Specified		Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:	Barnham	Inspection Direction:	Downstream	Upstream Node:	SW35
Road:	Yapton Road	Inspected Length:	12.75 m	Upstream Pipe Depth:	
Location:	Road	Total Length:	12.75 m	Downstream Node:	SW36
Surface Type:	Asphalt Highway	Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	450 mm		
Flow Control:		Material:	Concrete		
Year Constructed:	2021	Lining Type:	No Lining		
Inspection Purpose:	Pre-adoption inspection	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:110	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m SW35 0.00 MH Start node, manhole, reference: SW35 4.00 JN Junction at 3 o'clock, 150mm dia, from GULLY 6.50 JN Junction at 11 o'clock, 150mm dia 12.75 MHF Finish node, manhole, reference: SW36 SW36 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

REDROW HOMES, BARNHAM S104 SW

Section Inspection - 06/11/2021 - SW36X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
3	1	06/11/21	11:02	YAPTON ROAD	Not Specified	Yes	SW36X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
WAYNE		Not Specified		Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:	Barnham	Inspection Direction:	Upstream	Upstream Node:	SW36
Road:	Yapton Road	Inspected Length:	19.70 m	Upstream Pipe Depth:	
Location:	Road	Total Length:	19.70 m	Downstream Node:	SW37
Surface Type:	Asphalt Highway	Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	450 mm		
Flow Control:		Material:	Concrete		
Year Constructed:	2021	Lining Type:	No Lining		
Inspection Purpose:	Pre-adoption inspection	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:170	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m SW37 0.00 MH Start node, manhole, reference: SW37 2.60 JN Junction at 3 o'clock, 150mm dia, from GULLY 5.10 JN Junction at 10 o'clock, 150mm dia, from GULLY 19.70 MHF Finish node, manhole, reference: SW36 SW36 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

REDROW HOMES, BARNHAM S104 SW

Section Inspection - 06/11/2021 - SW37X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
4	1	06/11/21	11:09	YAPTON ROAD	Not Specified	Yes	SW37X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
WAYNE		Not Specified		Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:	Barnham	Inspection Direction:	Downstream	Upstream Node:	SW37
Road:	Yapton Road	Inspected Length:	15.15 m	Upstream Pipe Depth:	
Location:	Road	Total Length:	15.15 m	Downstream Node:	SW40
Surface Type:	Asphalt Highway	Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	450 mm		
Flow Control:		Material:	Concrete		
Year Constructed:	2021	Lining Type:	No Lining		
Inspection Purpose:	Pre-adoption inspection	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:131	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m SW37							
	0.00	MH		Start node, manhole, reference: SW37			
	1.35	JN		Junction at 9 o'clock, 150mm dia, from GULLY			
	14.40	JN		Junction at 3 o'clock, 150mm dia, from GULLY			
	15.15	MHF		Finish node, manhole, reference: SW40			
SW40 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

REDROW HOMES, BARNHAM S104 SW

Section Inspection - 06/11/2021 - SW40X

Item No. 5	Insp. No. 1	Date 06/11/21	Time 11:13	Client's Job Ref YAPTON ROAD	Weather Not Specified	Pre Cleaned Yes	PLR SW40X
Operator WAYNE		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Barnham	Inspection Direction:	Downstream	Upstream Node:	SW40
Road:	Yapton Road	Inspected Length:	10.35 m	Upstream Pipe Depth:	
Location:	Road	Total Length:	10.35 m	Downstream Node:	SFA10B
Surface Type:	Asphalt Highway	Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	450 mm		
Flow Control:		Material:	Concrete		
Year Constructed:	2021	Lining Type:	No Lining		
Inspection Purpose:	Pre-adoption inspection	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:90	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m SW40 0.00 MH Start node, manhole, reference: SW40 3.30 JN Junction at 9 o'clock, 150mm dia, from GULLY 8.00 JN Junction at 2 o'clock, 150mm dia, from GULLY 10.35 OFF Finish node, outfall, reference: SFA10B SFA10B 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

REDROW HOMES, BARNHAM S104 SW

5

Section Inspection - 09/11/2021 - SW3X

Item No. 6	Insp. No. 1	Date 09/11/21	Time 9:06	Client's Job Ref YAPTON ROAD	Weather Not Specified	Pre Cleaned Yes	PLR SW3X
Operator WAYNE		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Barnham	Inspection Direction:	Upstream	Upstream Node:	SW3
Road:	Yapton Road	Inspected Length:	30.50 m	Upstream Pipe Depth:	
Location:	Road	Total Length:	30.50 m	Downstream Node:	SW4
Surface Type:	Asphalt Highway	Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	225 mm		
Flow Control:		Material:	Vitrified clay		
Year Constructed:	2021	Lining Type:	No Lining		
Inspection Purpose:	Pre-adoption inspection	Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:263 Position [m] Code Observation MPEG Photo Grade

Depth: m

SW4



0.00

MH

Start node, manhole, reference: SW4

12.20

JN

Junction at 1 o'clock, 150mm dia, from GULLY

12.70

JN

Junction at 10 o'clock, 150mm dia, from GULLY

30.50

MHF

Finish node, manhole, reference: SW3

SW3

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

REDROW HOMES, BARNHAM S104 SW

6

Section Inspection - 09/11/2021 - SW2X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
7	1	09/11/21	9:08	YAPTON ROAD	Not Specified	Yes	SW2X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
WAYNE		Not Specified		Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:	Barnham	Inspection Direction:	Upstream	Upstream Node:	SW2
Road:	Yapton Road	Inspected Length:	7.50 m	Upstream Pipe Depth:	
Location:	Road	Total Length:	7.50 m	Downstream Node:	SW3
Surface Type:	Asphalt Highway	Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	225 mm		
Flow Control:		Material:	Vitrified clay		
Year Constructed:	2021	Lining Type:	No Lining		
Inspection Purpose:	Pre-adoption inspection	Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:65 Position [m] Code Observation MPEG Photo Grade

Depth: m

SW3



0.00

MH

Start node, manhole, reference: SW3

7.50

MHF

Finish node, manhole, reference: SW2

SW2

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

REDROW HOMES, BARNHAM S104 SW

Section Inspection - 09/11/2021 - SW4X

Item No. 8	Insp. No. 1	Date 09/11/21	Time 10:49	Client's Job Ref YAPTON ROAD	Weather Not Specified	Pre Cleaned Yes	PLR SW4X
Operator WAYNE		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Barnham	Inspection Direction:	Upstream	Upstream Node:	SW4
Road:	Yapton Road	Inspected Length:	10.00 m	Upstream Pipe Depth:	
Location:	Road	Total Length:	10.00 m	Downstream Node:	SW7
Surface Type:	Asphalt Highway	Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	225 mm		
Flow Control:		Material:	Vitrified clay		
Year Constructed:	2021	Lining Type:	No Lining		
Inspection Purpose:	Pre-adoption inspection	Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:87 Position [m] Code Observation MPEG Photo Grade

Depth: m

SW7



0.00

MH

Start node, manhole, reference: SW7

10.00

MHF

Finish node, manhole, reference: SW4

SW4

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

REDROW HOMES, BARNHAM S104 SW

Section Inspection - 09/11/2021 - SW7X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
9	1	09/11/21	10:52	YAPTON ROAD	Not Specified	Yes	SW7X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
WAYNE		Not Specified		Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:	Barnham	Inspection Direction:	Downstream	Upstream Node:	SW7
Road:	Yapton Road	Inspected Length:	48.65 m	Upstream Pipe Depth:	
Location:	Road	Total Length:	48.65 m	Downstream Node:	SW11
Surface Type:	Asphalt Highway	Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	300 mm		
Flow Control:		Material:	Concrete		
Year Constructed:	2021	Lining Type:	No Lining		
Inspection Purpose:	Pre-adoption inspection	Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:420 Position [m] Code Observation MPEG Photo Grade

Depth: m

SW7



0.00

MH

Start node, manhole, reference: SW7

1.85

JN

Junction at 10 o'clock, 150mm dia, from GULLY

2.40

JN

Junction at 10 o'clock, 150mm dia, from GULLY

8.00

JN

Junction at 3 o'clock, 150mm dia, from GULLY

15.80

JN

Junction at 11 o'clock, 150mm dia, from GULLY

48.65

MHF

Finish node, manhole, reference: SW11

SW11

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

REDROW HOMES, BARNHAM S104 SW

9

Section Inspection - 09/11/2021 - SW11X

Item No. 10	Insp. No. 1	Date 09/11/21	Time 14:43	Client's Job Ref YAPTON ROAD	Weather Not Specified	Pre Cleaned Yes	PLR SW11X
Operator WAYNE		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Barnham	Inspection Direction:	Downstream	Upstream Node:	SW11
Road:	Yapton Road	Inspected Length:	16.00 m	Upstream Pipe Depth:	
Location:	Road	Total Length:	16.00 m	Downstream Node:	SW12
Surface Type:	Asphalt Highway	Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular	Dia/Height:	450 mm
Type of Pipe:	Gravity drain/sewer	Material:	Concrete	Lining Type:	No Lining
Flow Control:		Lining Material:	No Lining		
Year Constructed:	2021				
Inspection Purpose:	Pre-adoption inspection				

Comments:
Recommendations:

Scale: 1:138	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m SW11 						
	0.00	MH	Start node, manhole, reference: SW11			
	5.75	JN	Junction at 2 o'clock, 150mm dia, from GULLY			
	8.25	JN	Junction at 2 o'clock, 150mm dia, from GULLY			
	16.00	MHF	Finish node, manhole, reference: SW12			
SW12 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

REDROW HOMES, BARNHAM S104 SW

10

Section Inspection - 09/11/2021 - SW12X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
11	1	09/11/21	14:46	YAPTON ROAD	Not Specified	Yes	SW12X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
WAYNE		Not Specified		Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:	Barnham	Inspection Direction:	Downstream	Upstream Node:	SW12
Road:	Yapton Road	Inspected Length:	20.00 m	Upstream Pipe Depth:	
Location:	Road	Total Length:	20.00 m	Downstream Node:	SW13
Surface Type:	Asphalt Highway	Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	450 mm		
Flow Control:		Material:	Concrete		
Year Constructed:	2021	Lining Type:	No Lining		
Inspection Purpose:	Pre-adoption inspection	Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:173 Position [m] Code Observation MPEG Photo Grade

Depth: m

SW12



0.00

MH

Start node, manhole, reference: SW12

3.40

JN

Junction at 10 o'clock, 150mm dia, from GULLY

5.75

JN

Junction at 9 o'clock, 150mm dia, from GULLY

8.25

JN

Junction at 2 o'clock, 150mm dia, from GULLY

10.65

JN

Junction at 3 o'clock, 150mm dia, from GULLY

15.50

JN

Junction at 2 o'clock, 150mm dia, from GULLY

20.00

MHF

Finish node, manhole, reference: SW13

SW13

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

REDROW HOMES, BARNHAM S104 SW

11

Section Inspection - 09/11/2021 - SW13X

Item No. 12	Insp. No. 1	Date 09/11/21	Time 14:48	Client's Job Ref YAPTON ROAD	Weather Not Specified	Pre Cleaned Yes	PLR SW13X
Operator WAYNE		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Barnham	Inspection Direction:	Downstream	Upstream Node:	SW13
Road:	Yapton Road	Inspected Length:	20.00 m	Upstream Pipe Depth:	
Location:	Road	Total Length:	20.00 m	Downstream Node:	SW14
Surface Type:	Asphalt Highway	Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	450 mm		
Flow Control:		Material:	Concrete		
Year Constructed:	2021	Lining Type:	No Lining		
Inspection Purpose:	Pre-adoption inspection	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:173	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m							
SW13							
	0.00	MH	Start node, manhole, reference: SW13				
	8.05	JN	Junction at 2 o'clock, 150mm dia, from GULLY				
	20.00	MHF	Finish node, manhole, reference: SW14				
SW14							
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

Section Inspection - 09/11/2021 - SW14X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
13	1	09/11/21	14:53	YAPTON ROAD	Not Specified	Yes	SW14X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
WAYNE		Not Specified		Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:	Barnham	Inspection Direction:	Downstream	Upstream Node:	SW14
Road:	Yapton Road	Inspected Length:	19.80 m	Upstream Pipe Depth:	
Location:	Road	Total Length:	19.80 m	Downstream Node:	SW16
Surface Type:	Asphalt Highway	Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	450 mm		
Flow Control:		Material:	Concrete		
Year Constructed:	2021	Lining Type:	No Lining		
Inspection Purpose:	Pre-adoption inspection	Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:171 Position [m] Code Observation MPEG Photo Grade

Depth: m

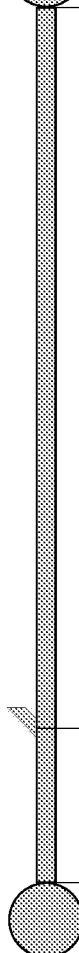
SW14



0.00

MH

Start node, manhole, reference: SW14



16.30

JN

Junction at 3 o'clock, 150mm dia, from GULLY

19.80

MHF

Finish node, manhole, reference: SW16

SW16

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

REDROW HOMES, BARNHAM S104 SW

13

Section Inspection - 10/11/2021 - SW16X

Item No. 14	Insp. No. 1	Date 10/11/21	Time 9:44	Client's Job Ref YAPTON ROAD	Weather Not Specified	Pre Cleaned Yes	PLR SW16X
Operator WAYNE		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Barnham	Inspection Direction:	Upstream	Upstream Node:	SW16
Road:	Yapton Road	Inspected Length:	66.50 m	Upstream Pipe Depth:	
Location:	Road	Total Length:	66.50 m	Downstream Node:	SW19
Surface Type:	Asphalt Highway	Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	450 mm		
Flow Control:		Material:	Concrete		
Year Constructed:	2021	Lining Type:	No Lining		
Inspection Purpose:	Pre-adoption inspection	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:574	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m SW19							
	0.00	MH	Start node, manhole, reference: SW19				
	39.50	JN	Junction at 3 o'clock, 150mm dia, from GULLY				
	52.00	JN	Junction at 3 o'clock, 150mm dia, from GULLY				
	59.30	JN	Junction at 9 o'clock, 150mm dia, from GULLY				
	61.00	JN	Junction at 3 o'clock, 150mm dia, from GULLY				
	66.50	MHF	Finish node, manhole, reference: SW16				
SW16 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

Section Inspection - 10/11/2021 - SW19X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
15	1	10/11/21	9:54	YAPTON ROAD	Not Specified	Yes	SW19X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
WAYNE		Not Specified		Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:	Barnham	Inspection Direction:	Downstream	Upstream Node:	SW19
Road:	Yapton Road	Inspected Length:	10.00 m	Upstream Pipe Depth:	
Location:	Road	Total Length:	10.00 m	Downstream Node:	HEADWALL
Surface Type:	Asphalt Highway	Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	450 mm		
Flow Control:		Material:	Concrete		
Year Constructed:	2021	Lining Type:	No Lining		
Inspection Purpose:	Pre-adoption inspection	Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:87 Position [m] Code Observation MPEG Photo Grade

Depth: m

SW19



0.00

MH

Start node, manhole, reference: SW19

4.50

JN

Junction at 9 o'clock, 150mm dia, from GULLY

10.00

OFF

Finish node, outfall, reference: HEADWALL

HEADWALL

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

REDROW HOMES, BARNHAM S104 SW

15