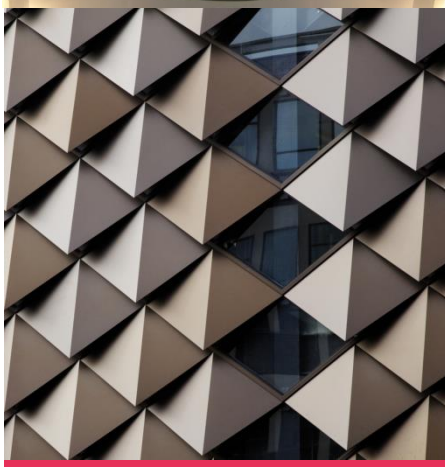




Site 2 at Gorton Lane, Manchester

Verification and Drainage maintenance report

Curtins Ref: 8790-CUR-00-XX-RE-C-003

Revision: V03

Issue Date: 05 February 2024

Site Address: Gorton Lane, Manchester, M12 5WF

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Control Sheet

Rev	Description	Issued by	Checked	Date
P01	Issued for information	MW	MW	05/06/2023
P02	Issued for information	MW	MW	09/01/2024
P03	Hydrobrake photos added	MW	MW	05/02/2024

This report has been prepared for the sole benefit, use, and information for the client. The liability of Curtins with respect to the information contained in the report will not extend to any third party.

Author	*Signature*	*Date*
Marta Wolska MEng (Hons) Principal Civil Engineer		05 February 2024

Reviewed	*Signature*	*Date*
Marta Wolska MEng (Hons) Principal Civil Engineer		05 February 2024

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Appendices

Appendix A

Drainage layout and details

Appendix B

As Built CCTV survey

1.0 Verification

1.1.1 **T**he surface and foul water as built CCTV drainage survey have been reviewed.

1.1.2 The foul and surface water drainage has been built to Curtin's design.

1.1.3 The CCTV survey report indicates the foul and surface water drainage has been installed correctly and has been cleaned.

1.1.4 Pictures from tank installation below.







1.1.5 Pictures from Hydrobrake installation below:

SW5 Flow Control -



SW 7 Flow control –



2.0 Maintenance

2.1.1 This section is intended to give an overview of the operation and maintenance for the drainage features included with the drainage strategy and in relation to typical details. Where proprietary products are specified, the manufacturer's instructions and recommendations should be followed in priority to this document unless specifically noted otherwise due to project constraints.

2.1.2 The recommended operations and frequencies are typical only and should be more frequent initially to ensure that there are no unforeseen issues with the operation and then adjusted to suit the site requirements.

2.2 Components

2.2.1 The following components have been included within the private drainage design for the proposed development:

- Inspection, Manhole and Catchpit Chambers
- Pipes
- Gullies/channels
- Attenuation Tank
- Flow Control Unit
- Permeable pavement

2.2.2 The maintenance strategy should be implemented to ensure the drainage network is cleaned regularly and the routine maintenance and cleansing regime should be documented.

2.2.3 The maintenance strategy should be adopted to ensure the drainage network is cleaned regularly and the routine maintenance and cleansing regime should be documented.

2.2.4 Maintenance of the drainage network will be the responsibility of an on-site facilities management team.

2.2.5 It is recommended that the drainage system is inspected as a minimum twice a year, with the system also being inspected after any major storm event.

2.2.6 Significant sediment deposition is likely in areas used for storage, so a post clean-up operation may be required including the removal of litter, vegetation, sewerage debris and larger objects.

2.2.7 Long-term management practices include monthly sweeping of external paved areas. The sweeping program will remove sand and contaminants directly from paved surfaces before they become mobilised during storm events and transported to the drainage system.

2.2.8 During the winter months, drainage features such as gullies and channels should be cleared of ice, snow, debris or litter

2.2.9 Sediment/material removal should be undertaken in consultation with the environmental regulator to confirm appropriate protocols; especially where run-off is taken from potentially contaminated areas such as the filter drains and the upstream/downstream chambers.

2.3 Inspection, Manhole and Catchpit Chambers

2.3.1 Access points have been located at the head of each run, at a change in direction and at a change of pipe size in accordance with Building Regulations Part H.

2.3.2 The appropriate health and safety equipment must be used when accessing manholes. Confined space certificates must be held by any personnel entering a manhole and the appropriate permits should be obtained from the Maintenance Manager prior to any access.

2.4 Pipes

2.4.1 Pipes are proprietary products and the materials can vary across the site and as such where used the manufacture's recommendations should be followed. Regardless of the product used the pipes will be fully compliant with the Curtins drainage specification.

2.4.2 Pipes are intended to be the main conveyance across the development and where oversized they form the attenuation volume required by the limitation of the discharge rate. They are intended to be dry except for during rainfall events. These have been designed to be self-cleaning where possible for smaller diameter pipes, and for larger diameters the risk is reduced due to the overall pipe size.

2.4.3 Access for maintenance is provided through access chambers and manholes.

2.4.4 Regular inspection and maintenance is important to identify areas which may have been obstructed/clogged and may not be drainage correctly thus exposing the development to a greater level of flood risk.

Maintenance Schedule	Required Action	Frequency
Monitoring (to be undertaken more regularly within the first year of operation and adjusted as required).	Initial Inspection should be provided as post construction CCTV survey.	N/A
Regular maintenance\ inspection	Inspect for evidence of poor operation via water level in	3-monthly, 48 hours after large storms.

	chambers. If required, take remedial action.	
	Check and remove large vegetation growth near pipe runs.	Monthly or as required
Remedial Action	Rod through poorly performing runs as initial remediation.	As required.
	If continued poor performance jet and CCTV survey poorly performing runs.	As required.
	Seek advice as to remediation techniques suitable for the type of performance issue and location.	As required If above does not improve performance.

2.5 Drainage Channels and Gullies

2.5.1 Channels and gullies should be inspected and cleaned in accordance with the manufacturer's details. Channel units can be cleaned through the use of a high-pressure hose; this can be fed into the channel system through access units strategically placed along the channel run. The throat section of channel units should be kept clear at all times to ensure uninterrupted flow of surface water into the drainage channel and any debris within the throat should be removed.

2.5.2 Locking bolts should be replaced and sufficiently tightened, taking care that the bolt heads do not stand above the top surface of the cover or grate. If covers are allowed to move within their frame, this may cause damage to the frame or seating.

2.5.3 Sediment\material removal should be undertaken in consultation with the environmental regulator to confirm appropriate protocols; especially where run-off is taken from potentially contaminated areas such as the car park channels.

Maintenance Schedule	Required Action	Frequency
Monitoring (to be undertaken more regularly within the first year of operation and adjusted as required).	Initial Inspection.	Half yearly and after large storms.
Regular maintenance\ inspection	Litter and debris removal	Monthly or as required.
	Check and remove large vegetation growth near gully gratings.	Monthly or as required
	Inspect for evidence of poor operation and/or weed growth. If required, take remedial action. Inspect silt accumulation rates and establish appropriate brushing frequencies. Silt can also be caused by adjacent landscaping areas which should be reprofiled to provide a flat area or berm adjacent to the paving.	3-monthly, 48 hours after large storms.
Remedial Action	Inspect sumps and outlet pipes and rod through poorly performing channels and outlets as initial remediation.	As required.

2.6 Attenuation Tanks

2.6.1 The attenuation tanks are currently specified as geocellular units, which are wrapped in a geotextile blanket and are intended for storage of surface water run-off from the site up to and including the 1 in

100 year plus 40% climate change event to reduce the rate of run-off into the downstream network and to minimise flood risk.

2.6.2 The geocellular units and geotextile are proprietary products and therefore manufacturer's recommendations should also be taken into consideration.

2.6.3 Access for maintenance should be provided by an access shaft located on the tank and from the manhole chambers downstream of the tank.

2.6.4 Regular inspection and maintenance is important for the effective operation of attenuation tanks as designed. As the feature is buried, a regular inspection regime is very important to ensure the correction functionality of the surface water drainage network.

Maintenance Schedule	**Required Action**	**Frequency**
Monitoring (to be undertaken more regularly within the first year of operation and adjusted as required).	Inspect inlets, outlets and overflows for blockages, and clear if required. If faults persist jetting and CCTV survey may be required.	Monthly and after large storms.
Regular maintenance\ inspection	Inspect and identify any areas that are not operating correctly. If required, take remedial action.	Monthly for 3 months, then six monthly.
	Debris removal from catchment surface (where may cause risks to performance).	Monthly
	Remove sediment from pre-treatment structures.	Annually (or as required after heavy rainfall events)
Remedial Actions	Repair/rehabilitation of inlets, outlets and overflows.	As required.

2.7 Flow Control Units

2.7.1 The flow control units are intended for flood control and flow restriction.

2.7.2 The flow control is specified as Hydro-brake and is a proprietary product; therefore, manufacturer's recommendations should also be taken into consideration.

2.7.3 Access for maintenance has been provided by locating within manhole chambers.

Maintenance Schedule	Required Action	Frequency
Monitoring (to be undertaken more regularly within the first year of operation and adjusted as required).	Inspect inlets for blockages, and clear if required. If faults persist jetting and CCTV survey may be required.	Monthly and after large storms.
Regular maintenance\ inspection	Inspect and identify any areas that are not operating correctly. If required, take remedial action.	Monthly for 3 months, then six monthly.
	Debris removal from catchment surface (where may cause risks to performance).	Monthly
	Remove sediment from pre-treatment structures and flow control chambers.	Annually (or as required after heavy rainfall events)
Remedial Actions	Repair/rehabilitation of inlets.	As required.

2.8 Permeable pavements

2.8.1 The pavement should be inspected regularly for clogging, litter, weeds and water ponding, preferably during and after heavy rainfall to check effective operation. Permeable pavements need to be regularly cleaned of silt and other sediments to preserve their infiltration capacity. The SuDS Manual indicates

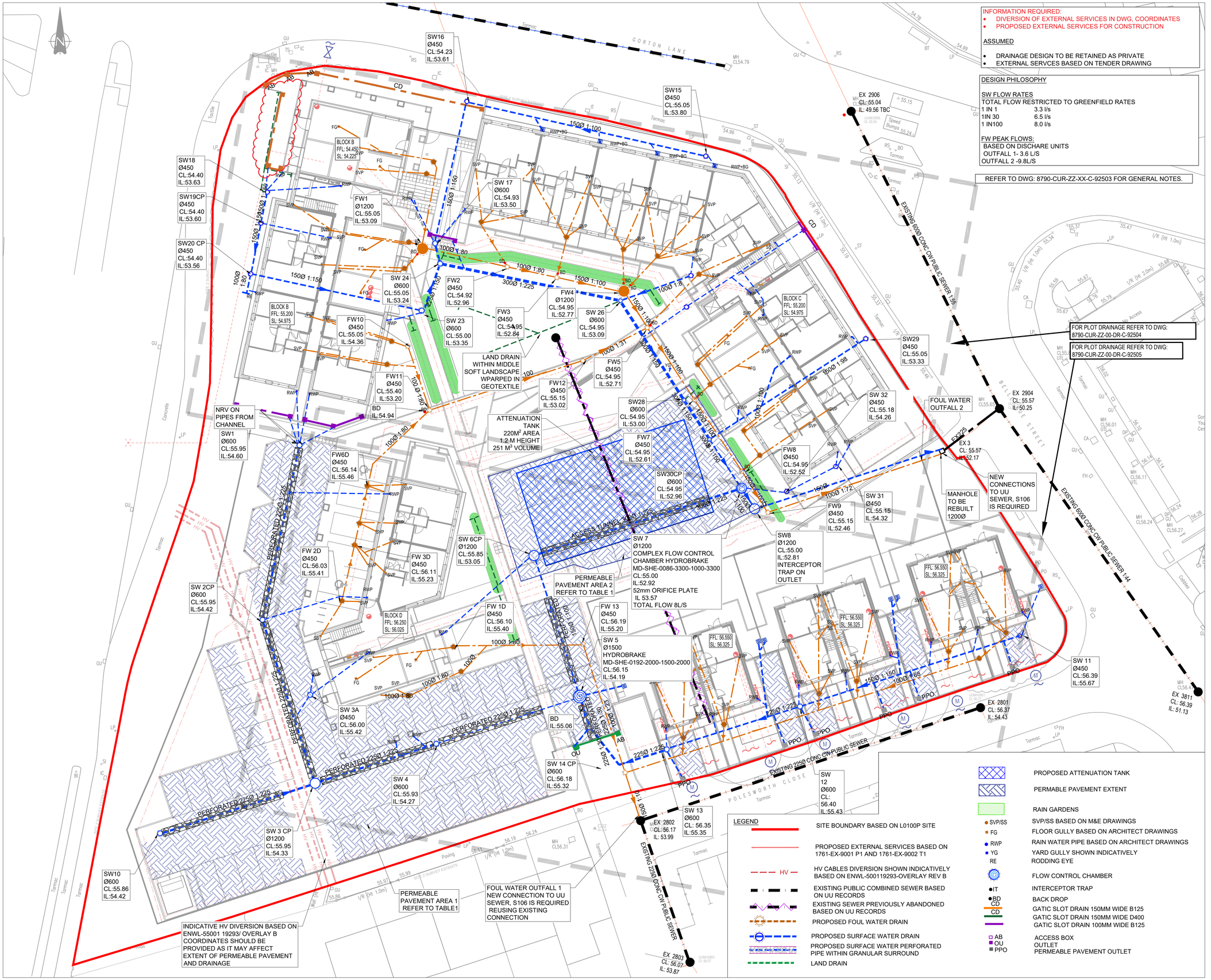
that sweeping once per year is sufficient for most sites, however the sweeping frequency should be adjusted to suit site specific conditions and should also be informed by annual inspection reports.

2.8.2 The below table outlines the proposed operation and maintenance regime for permeable pavements. This is adapted from The SuDS Manual (C753).

Maintenance Schedule	**Required Action**	**Frequency**
Regular maintenance	Brushing and vacuuming (standard cosmetic sweep over whole surface)	Once a year, after autumn leaf fall or reduced frequency as required, based on site- specific observations of clogging - pay particular attention to areas where water runs onto pervious surface from adjacent impermeable areas as this area is most likely to collect the most sediments
Occasional maintenance	Stabilise and mow contributing and advancement areas	As required
	Removal of weeds or management using glyphosphate applied directly into the weeds by an applicator rather than spraying	As required –once per year on less frequently used pavements
Remedial actions	Remediate any landscaping which through vegetation maintenance or soil slip, has been raised to within 50 mm of the level of the paving	As required
	Remedial work to any depressions rutting and cracked or broken blocks considered detrimental to the structural performance or a hazard to users, and replace lost jointing material	As required

Appendix A

Drainage layout and details



DRAWING BASED ON:
- GPR SURVEY 9612_001A 12.2018 BY CND OLIVER&CO
- CCTV SURVEY 17909712985 CCTV 15.06.18 & 24.11.18 SUBSCAN
- UU ASSET RECORDS 10.10.16

ARCHITECTS DRAWINGS
- 8970-OMI-XX-00-PL-A-L1001 C07_SITE 02 STRUCTURAL GRID
- 1405 DWG:L0130 REV A
- 8790-OMI-XX-00-PL-A-L1030 C04_SITE 02 SITE LAYOUT GF PLAN
- L0145B REFUSE STRATEGY PLAN
- L1752_BLOCK C FIRE STRATEGY PLANS - GROUND FLOOR
- L1750_BLOCK A FIRE STRATEGY PLANS
- L1751_BLOCK B FIRE STRATEGY PLANS
- L1755_BLOCK D LAYOUT FIRE STRATEGY PLANS
- 8790-DEP-XX-GF-DR-L-0005 LANDSCAPE GA

POPUPS LOCATION
- 8790-OMI-BB-00-PL-A-L1100 C04
- 8790-OMI-CC-00-PL-A-L1110- C04
- 8790-OMI-CC-00-PL-A-L1111 -C04
- 8790-OMI-DD-00-PL-A-L1120 C03

DISCHARGE UNITS AND RWP AREA RECIVED FROM CWC 05.01.21
- 1761-FOUL DRAINAGE CALCULATION BLOCK B
- 1761-FOUL DRAINAGE CALCULATION BLOCK C
- 1761-FOUL DRAINAGE CALCULATION BLOCK D
- 1761-RAINWATER LOAD 50YR STORM REV 1
- 1761-ROOF SECTION REFERENCES

EXTERNAL SERVICES BY CWC ISSUED 25.03.20
- 1761-EX-9001-T2
- 1761-EX-9002-T2

EXTERNAL SERVICES DIVERSION
- ENWL-55001 19293/OVERLAY B 12.07.18 IN PDF

FOUNDATION 20.12.20
- 8970-CUR-ZB-00-DR-S-20100
- 8970-CUR-ZC-00-DR-S-20100
- 8970-CUR-ZD-00-DR-S-20100
- 8970-CUR-TH-00-DR-S-20100

TREES ROOT PROTECTION EXTENT
- TREE CONSTRAINTS PLAN: URBAN GREEN. UG_577_ARB_TRPB May 2020

SITE 2		
PERMEABLE PAVEMENT 1	CAR PARK	DRIVEWAY
LOWEST COVER LEVEL	55.95	55.95
INVERT LEVEL OF PAVEMENT	55.355	55.355
TOP OF SUBBASE	55.820	55.695
DEPTH M	0.47	0.34
PERMEABLE PAVEMENT 2	CAR PARK	DRIVEWAY
LOWEST COVER LEVEL	54.955	54.955
TOP OF SUBBASE	54.825	54.700
INVERT LEVEL OF PAVEMENT	54.475	54.475
AVERAGE DEPTH M	0.35	0.225

CONSTRUCTION RECORD - FINAL CONSTRUCTION

THE INFORMATION IS BASED ON CONFIRMATION FROM THE CONTRACTOR OF THE INSTALLED WORKS. THERE MAY BE VARIATIONS ON SITE WHICH ARE NOT REFLECTED ON THIS DRAWING AND HAS NOT BEEN VERIFIED BY CURTINS.

Rev:	Description:	Date:	By:	Chkd:
FC	FINAL CONSTRUCTION	09.01.24	JC	MW
C03	SLOT AND LAND DRAIN ADDED	14.07.21	MW	MW
C02	ISSUED FOR CONSTRUCTION	22.02.21	MW	MW
C01	ISSUE FOR CONSTRUCTION	22.01.21	MW	MW

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Status:
CONSTRUCTION

Project:
GORTON LANE, MANCHESTER

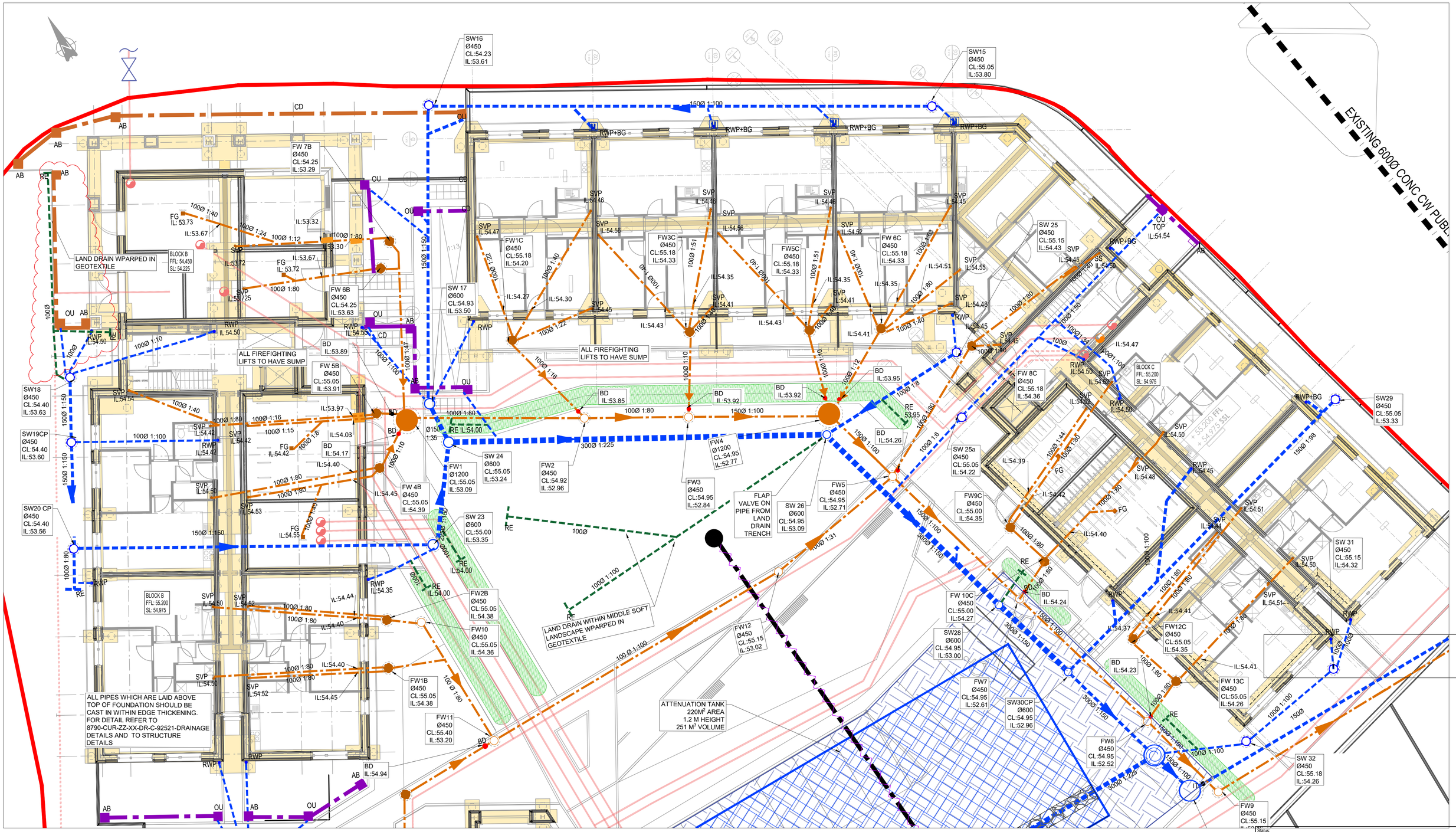
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SITE 2
PROPOSED DRAINAGE STRATEGY

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Project No: Originator: Zone: Level: Type: Discipline: Category / Number: Rev:

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LEGEND

- SITE BOUNDARY BASED ON L0100P SITE
- PROPOSED EXTERNAL SERVICES BASED ON 1761-EX-9001 P1 AND 1761-EX-9002 T1
- HV — HV CABLES DIVERSION SHOWN INDICATIVELY BASED ON ENWL-500119293-OVERLAY REV B
- EXISTING PUBLIC COMBINED SEWER BASED ON UU RECORDS
- EXISTING SEWER PREVIOUSLY ABANDONED BASED ON UU RECORDS
- PROPOSED FOUL WATER DRAIN
- PROPOSED SURFACE WATER DRAIN
- PROPOSED SURFACE WATER PERFORATED PIPE WITHIN GRANULAR SURROUND
- PIPE THROUGH FOUNDATION
- LAND DRAIN

- PROPOSED ATTENUATION TANK
- PERMABLE PAVEMENT EXTENT
- FOUNDATION BASED ON STRUCTURES DRAWING
- STEP IN FOUNDATION
- RAIN GARDENS
- SVP/SS — SVP/SS BASED ON M&E DRAWINGS
- FG — FLOOR GULLY BASED ON ARCHITECT DRAWINGS
- RWP — RAIN WATER PIPE BASED ON ARCHITECT DRAWINGS
- YG — YARD GULLY SHOWN INDICATIVELY
- FLOW CONTROL CHAMBER
- IT — INTERCEPTOR TRAP

- BD — BACK DROP
- CD — GATIC SLOT DRAIN 150MM WIDE B125
- CD — GATIC SLOT DRAIN 150MM WIDE D400
- CD — GATIC SLOT DRAIN 100MM WIDE B125
- AB — ACCESS BOX
- OU — OUTLET
- RE — RODDING EYE
- BG — BOTTLE GULLY

INFORMATION REQUIRED:
- DIVERSION OF EXTERNAL SERVICES IN DWG, COORDINATES
- PROPOSED EXTERNAL SERVICES FOR CONSTRUCTION

ASSUMED
- DRAINAGE DESIGN TO BE RETAINED AS PRIVATE
- EXTERNAL SERVCES BASED ON TENDER DRAWING

REFER TO DWG: 8790-CUR-ZZ-XX-C-92503 FOR GENERAL NOTES.

CONSTRUCTION RECORD - FINAL CONSTRUCTION

THE INFORMATION IS BASED ON CONFIRMATION FROM THE CONTRACTOR OF THE INSTALLED WORKS. THERE MAY BE VARIATIONS ON SITE WHICH ARE NOT REFLECTED ON THIS DRAWING AND HAS NOT BEEN VERIFIED BY CURTINS.

Rev:	Description:	Date:	By:	Chkd:
FC	FINAL CONSTRUCTION	01.09.24	JC	MW
C04	SLOT AND LAND DRAIN ADDED- CLOUDED	14.07.21	MW	MW
C03	NOTES ADDED- CLOUDED	25.05.21	MW	MW
C02	ISSUED FOR CONSTRUCTION	22.02.21	MW	MW
C01	ISSUED FOR CONSTRUCTION	22.01.21	MW	MW

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Status: CONSTRUCTION

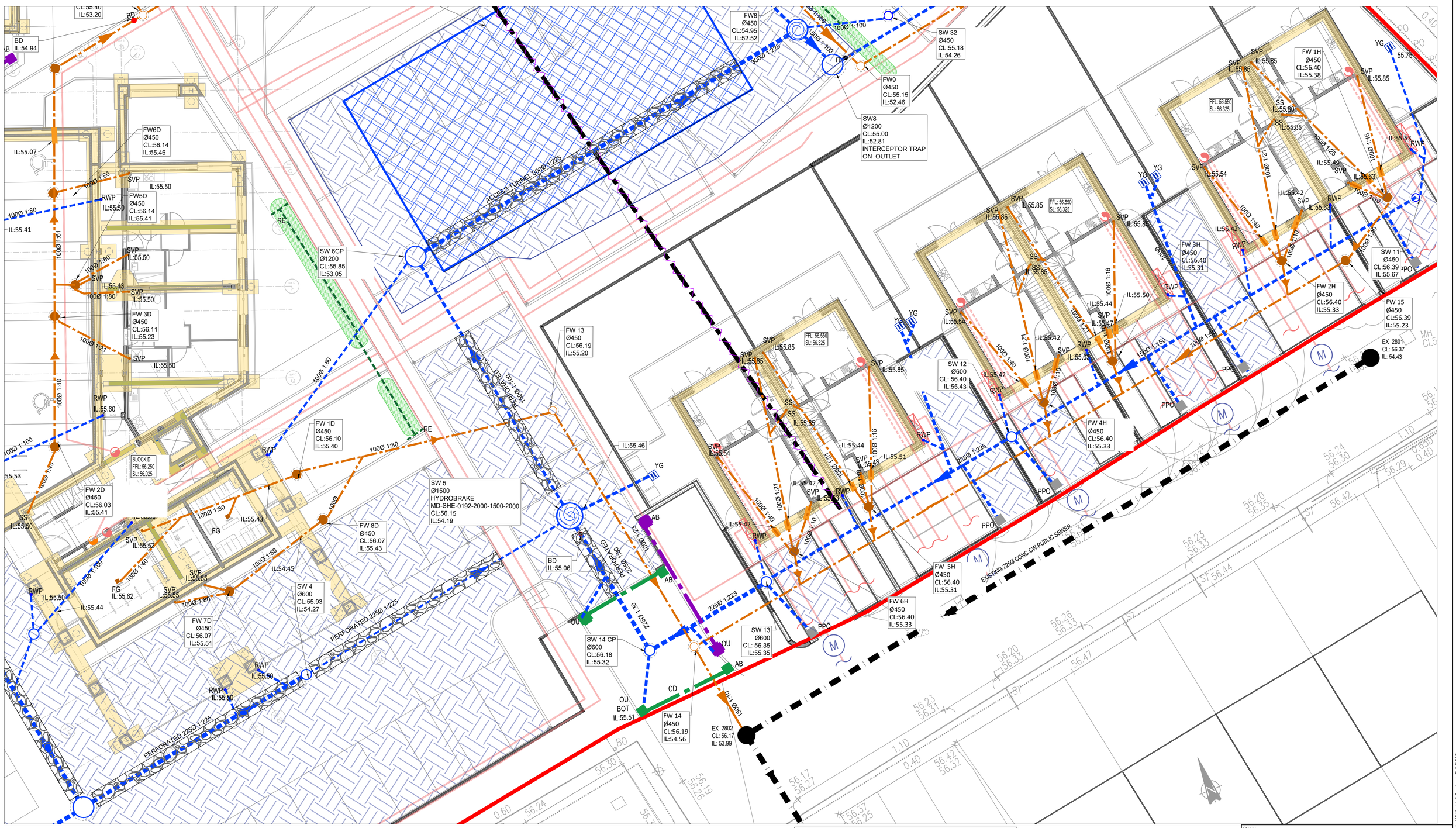
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Size:	Date:	Drawn By:	Designed By:	Checked By:
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Scale: 1:100

Project No:	Originator:	Zone:	Level:	Type:	Discipline:	Category / Number:	Rev:
8790	- CUR -	ZZ -	00 -	DR -	C -	92504	- FC



LEGEND

- SITE BOUNDARY BASED ON L0100P SITE
- PROPOSED EXTERNAL SERVICES BASED ON 1761-EX-9001 P1 AND 1761-EX-9002 T1
- HV — HV CABLES DIVERSION SHOWN INDICATIVELY BASED ON ENWL-500119293-OVERLAY REV B
- EXISTING PUBLIC COMBINED SEWER BASED ON UU RECORDS
- EXISTING SEWER PREVIOUSLY ABANDONED BASED ON UU RECORDS
- PROPOSED FOUL WATER DRAIN
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- PROPOSED SURFACE WATER PERFORATED PIPE WITHIN GRANULAR SURROUND
- PIPE THROUGH FOUNDATION
- LAND DRAIN
- PROPOSED ATTENUATION TANK
- PERMABLE PAVEMENT EXTENT
- FOUNDATION BASED ON STRUCTURES DRAWING
- STEP IN FOUNDATION
- RAIN GARDENS
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- FG — FLOOR GULLY BASED ON ARCHITECT DRAWINGS
- RWP — RAIN WATER PIPE BASED ON ARCHITECT DRAWINGS
- YG — YARD GULLY SHOWN INDICATIVELY
- FLOW CONTROL CHAMBER
- IT — INTERCEPTOR TRAP
- BD / CD — BACK DROP; GATIC SLOT DRAIN 150MM WIDE B125; GATIC SLOT DRAIN 150MM WIDE D400; GATIC SLOT DRAIN 100MM WIDE B125
- AB / OU — ACCESS BOX OUTLET
- RE — RODDING EYE
- PPO — PERMEABLE PAVEMENT OUTLET

INFORMATION REQUIRED:
- DIVERSION OF EXTERNAL SERVICES IN DWG, COORDINATES
- PROPOSED EXTERNAL SERVICES FOR CONSTRUCTION

ASSUMED
- DRAINAGE DESIGN TO BE RETAINED AS PRIVATE
- MANHOLE COVER LEVELS BASED ON 8790-DEP-XX-GF-DR-L-0005
- EXTERNAL SERVCES BASED ON TENDER DRAWING

REFER TO DWG: 8790-CUR-ZZ-XX-C-92503 FOR GENERAL NOTES.

CONSTRUCTION RECORD - FINAL CONSTRUCTION

THE INFORMATION IS BASED ON CONFIRMATION FROM THE CONTRACTOR OF THE INSTALLED WORKS. THERE MAY BE VARIATIONS ON SITE WHICH ARE NOT REFLECTED ON THIS DRAWING AND HAS NOT BEEN VERIFIED BY CURTINS.

Rev:	Description:	Date:	By:	Chkd:
FC	FINAL CONSTRUCTION	09.01.24	JC	MW
C02	ISSUED FOR CONSTRUCTION	22.02.21	MW	MW
C01	ISSUE FOR CONSTRUCTION	22.01.21	MW	MW

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Status: CONSTRUCTION

Project: GORTON LANE

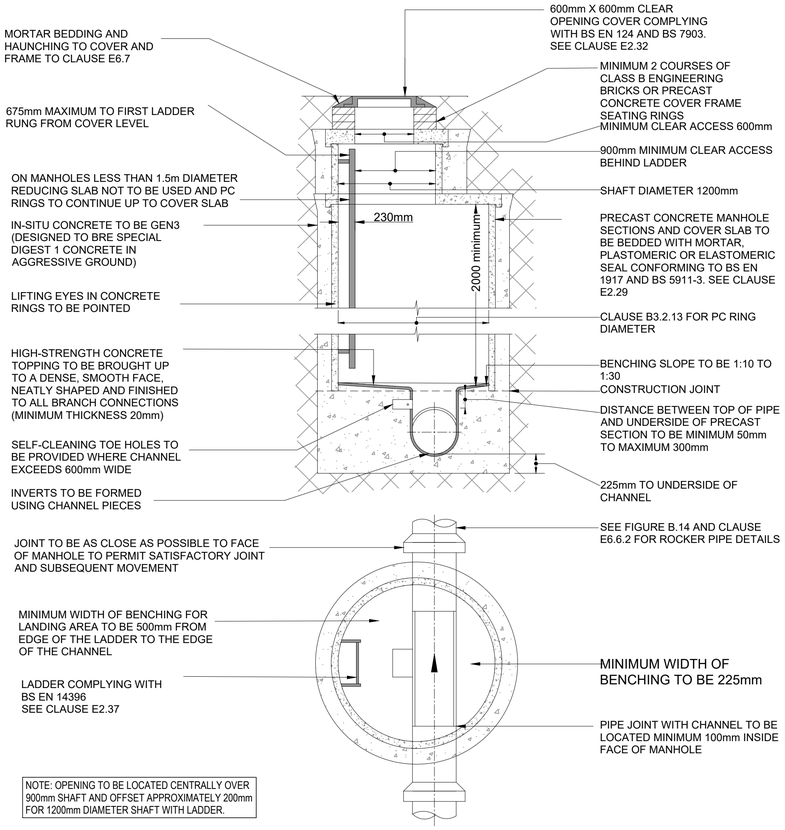
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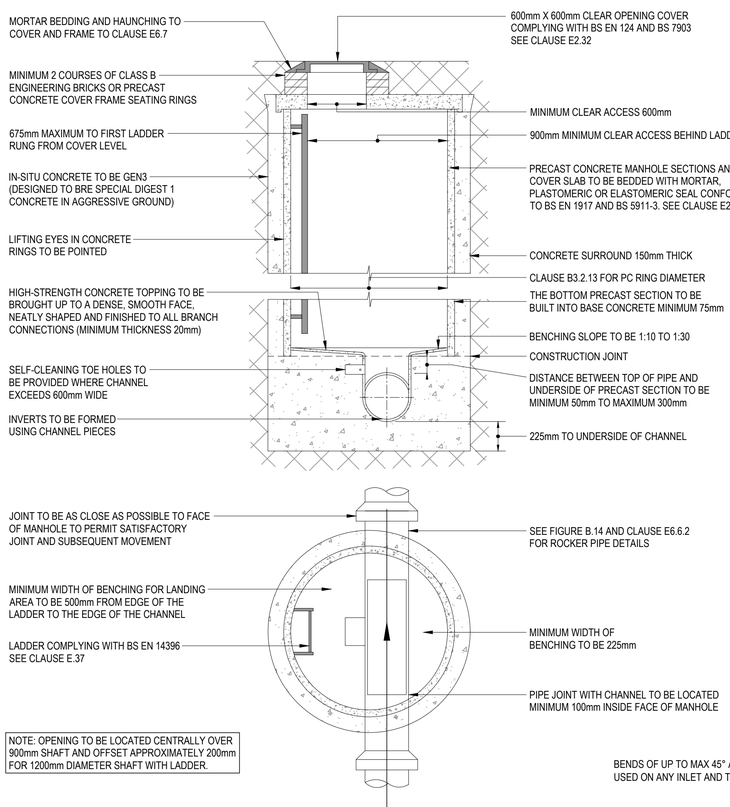
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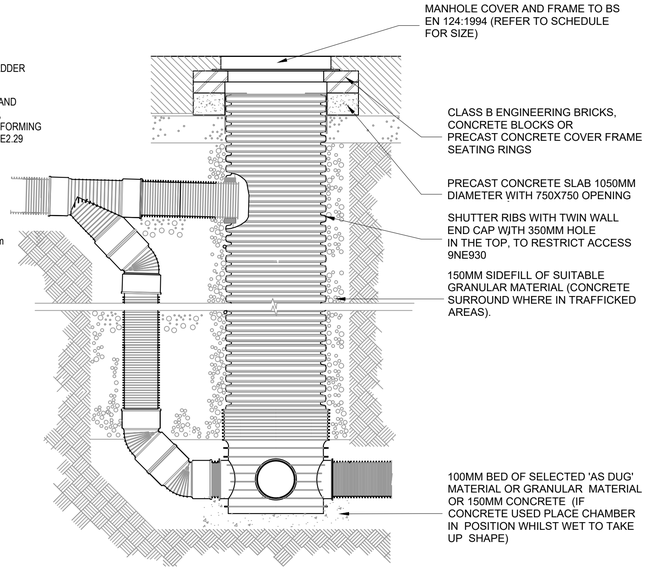
NOTE: OPENING TO BE LOCATED CENTRALLY OVER 900mm SHAFT AND OFFSET APPROXIMATELY 200mm FOR 1200mm DIAMETER SHAFT WITH LADDER.

TYPICAL MANHOLE DETAIL - TYPE 1A
(DEPTH FROM COVER TO SOFFIT OF PIPE 3m TO 6m)



NOTE: OPENING TO BE LOCATED CENTRALLY OVER 900mm SHAFT AND OFFSET APPROXIMATELY 200mm FOR 1200mm DIAMETER SHAFT WITH LADDER.

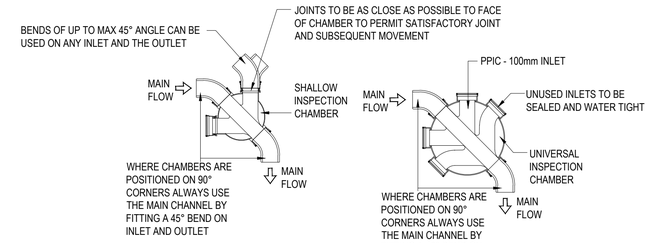
TYPICAL MANHOLE DETAIL - TYPE 1B
(DEPTH FROM COVER TO SOFFIT OF PIPE 3m TO 6m)



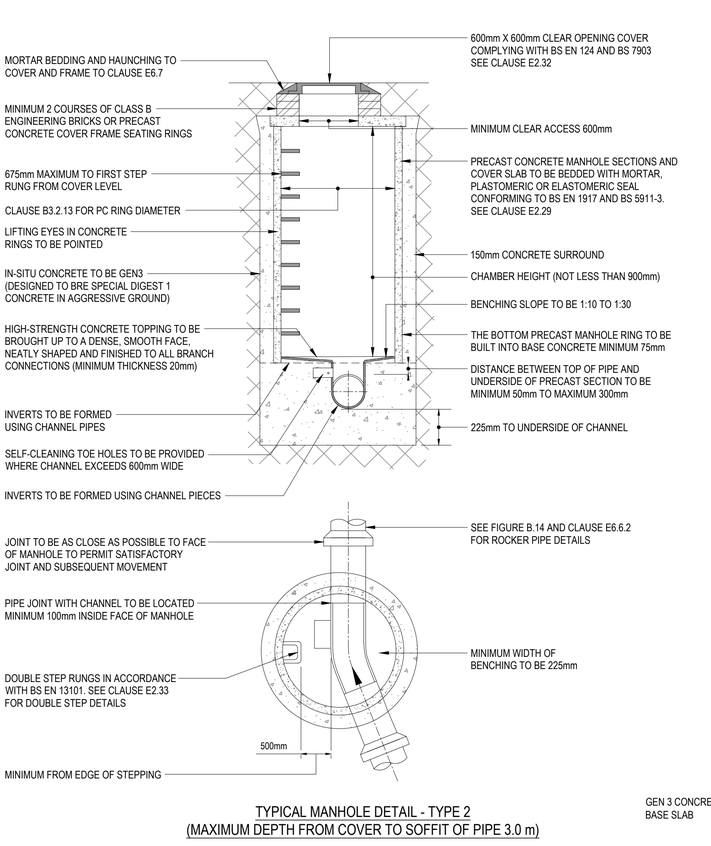
TYPICAL PPIC
INSPECTION CHAMBER DETAIL
BACKDROP

GENERAL NOTES:

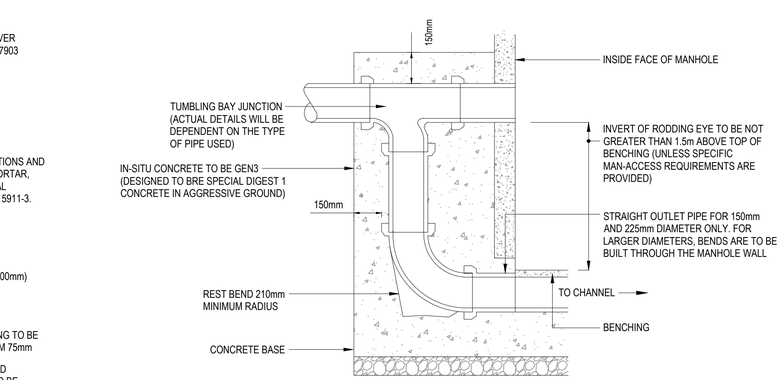
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
2. DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
3. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
9. FOR FULL DRAINAGE NOTES REFER TO DWG 8790-CUR-ZZ-XX-DR-C-92502 GENERAL NOTES
10. SULPHATE RESISTANT CONCRETE DC2 SHOULD BE USED WHERE SULPHATES PRESENT, REFER TO SI



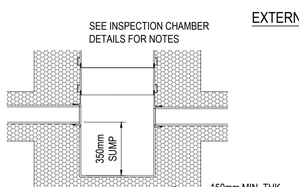
INSPECTION CHAMBER BASE DETAILS



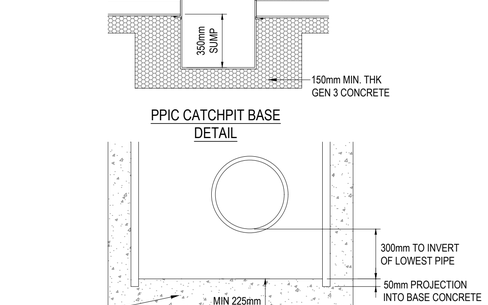
TYPICAL MANHOLE DETAIL - TYPE 2
(MAXIMUM DEPTH FROM COVER TO SOFFIT OF PIPE 3.0 m)



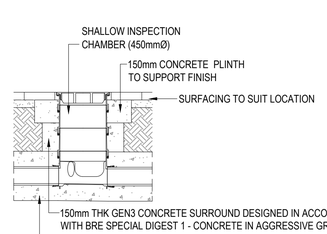
EXTERNAL VERTICAL BACKDROP



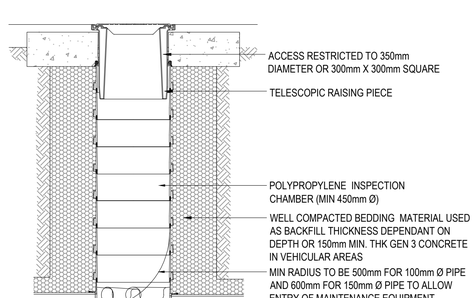
PPIC CATCHPIT BASE
DETAIL



CATCH PIT DETAIL



SHALLOW INSPECTION CHAMBER
MAX DEPTH 0.6m



DEEP INSPECTION CHAMBER
DEPTHS BETWEEN 1.2m AND 3.0m

TYPICAL INSPECTION CHAMBER DETAILS - PPIC

CONSTRUCTION RECORD - FINAL CONSTRUCTION

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Rev:	Description:	Date:	By:	Chkd:
FC	FINAL CONSTRUCTION	09.01.24	JC	MW
C02	NOTE 10 ADDED	21/02/21	MW	MW
C01	ISSUED FOR CONSTRUCTION	22/01/21	MW	MW

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Status: CONSTRUCTION

Project: GORTON LANE

Drg Title: DRAINAGE DETAILS SHEET 1 OF 5

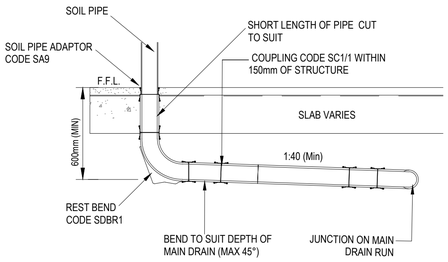
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A1	22.01.21	MW	MW	MW
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Project No: 8790 - Originator: CUR - Zone: ZZ - Level: XX - Type: DR - Discipline: C - Category / Number: 92520 - Rev: FC

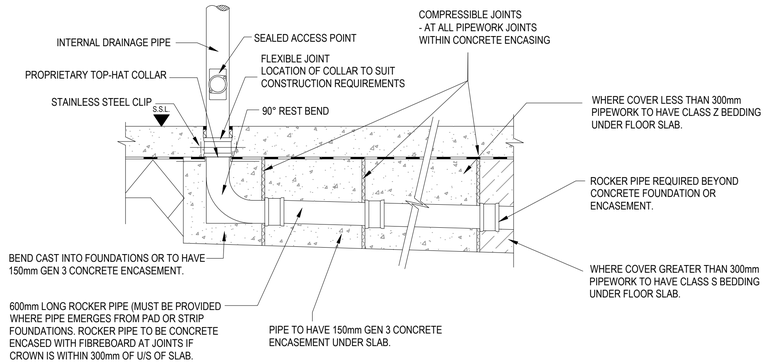
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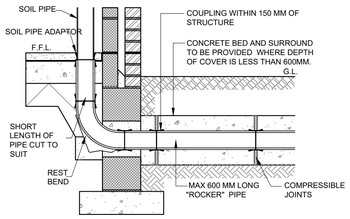
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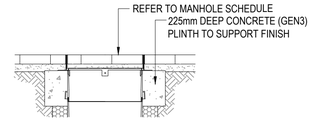


TYPICAL SVP CONNECTION TO MAIN RUN

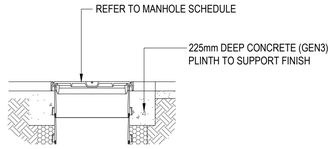




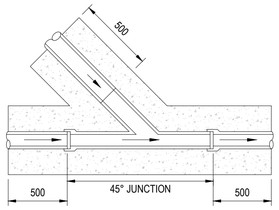
SOIL & VENT PIPE / STUB STACK / W.C. CONNECTION DETAIL
(SCALE 1:20)



SITED IN HARD LANDSCAPED AREAS WITH RECESSED COVER

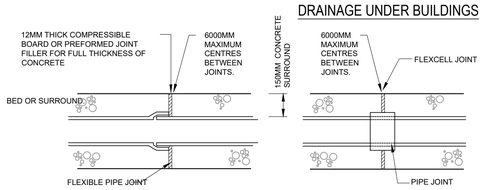


SITED IN HARD LANDSCAPED AREAS WITH STANDARD COVER

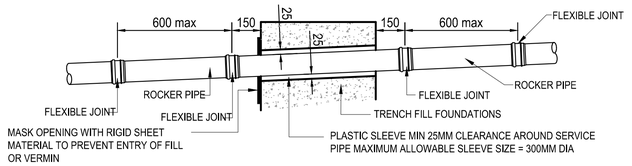


TYPICAL SADDLE CONNECTION

DRAINAGE UNDER BUILDINGS



EXPANSION JOINT FOR CONCRETE BED AND SURROUND
(SCALE 1:20)



PIPES PASSING THROUGH GROUND BEAM
SCALE 1:20

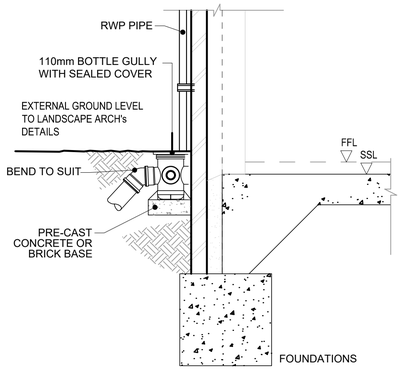
TYPICAL PIPE DETAIL UNDER GROUND BEAMS
(SCALE 1:20)

PIPES PASSING ABOVE GROUND BEAM, BLOCK A,B,C,D,

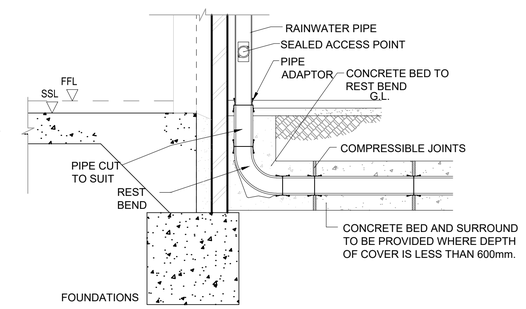
PIPE PASSING OVER GROUND BEAM- DETAIL A

DETAIL FOR HOUSES-N DETAIL B

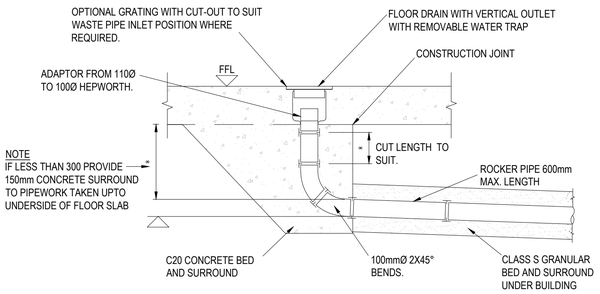
NOTE
IF IT IS NOT POSSIBLE TO PROVIDE A CONNECTION OF A CONSTANT SLOPE THEN SECTIONS SHOWN IN DETAILS 'A' to 'B' SHOULD BE USED.



EXTERNAL RWP PIPE TO BOTTLE GULLY



RWP CONNECTION DETAIL



INTERNAL FLOOR DRAIN

CONSTRUCTION RECORD - FINAL CONSTRUCTION

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Rev:	Description:	Date:	By:	Chkd:
FC	FINAL CONSTRUCTION	09.01.24	JC	MW
C02	NOTE 10 ADDED	21/02/21	MW	MW
C01	ISSUED FOR CONSTRUCTION	22/01/21	MW	MW

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Status: CONSTRUCTION

Project: GORTON LANE

Drg Title: DRAINAGE DETAILS SHEET 2 OF 5

Size:	Date:	Drawn By:	Designed By:	Checked By:
A1	22.01.21	MJ	MW	MW

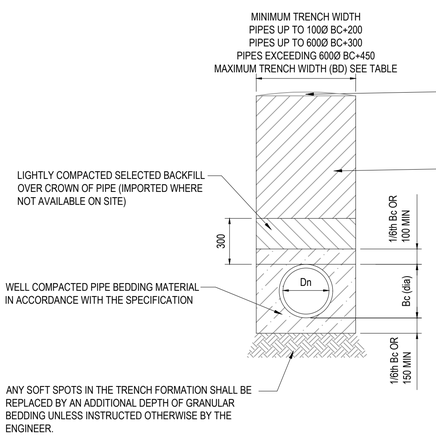
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Project No:	Originator:	Zone:	Level:	Type:	Discipline:	Category / Number:	Rev:
8790	- CUR -	ZZ -	XX -	DR -	C -	92521	- FC

\\mab-fs-1\Projects\067001 - 068000\067694 - Gorton Lane (site 3 located within this folder)\CAMS 4 Production\4B Models & Drawings_Civil-C\CAD\

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CLASS S - 360° GRANULAR SURROUND PIPE BEDDING DETAIL

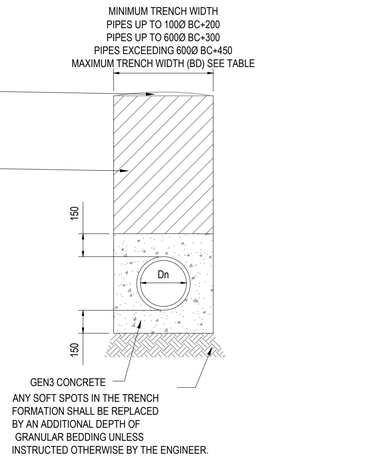
SOFT LANDSCAPE AREAS
IN SOFT LANDSCAPING AREAS TRENCH FILL ABOVE PIPES IS TO BE MOUNDED TO A MAXIMUM DEPTH OF 50MM TO ALLOW FOR FUTURE SETTLEMENT.

HARDSTANDING AREAS
SHW TYPE 1 GRANULAR MATERIAL
SOFT LANDSCAPE AREAS
SELECTED BACKFILL MATERIAL UP TO UNDERSIDE OF TOP-SOIL

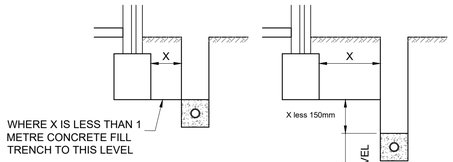
THE FLEXIBLE JOINTS IN THE PIPES SHALL BE MAINTAINED AT THE END OF EACH PIPE WITH COMPRESSIBLE SHEET CUT ACCURATELY TO FIT THE PIPE PROFILE TO BREAK THE CONCRETE SURROUND

Dn	Bd
150	0.6
225	0.7
300	0.85
375	1.05
450	1.15
525	1.25
600	1.35
675	1.45
750	1.50

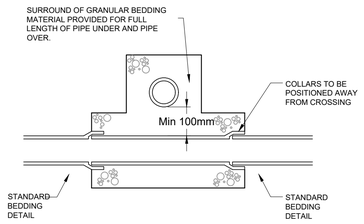
MAXIMUM TRENCH WIDTH



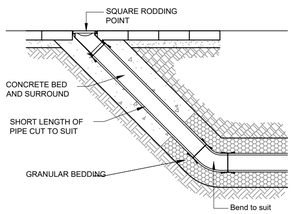
CLASS Z - CONCRETE BED AND SURROUND PIPE BEDDING DETAIL
(COVER < 900mm IN VEHICULAR LOADING AND OPEN FIELD.
COVER <600mm ELSEWHERE EXCEPT UNDER BUILDINGS.)



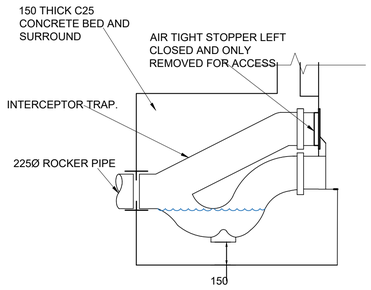
TYPICAL DETAILS WHERE DRAINAGE TRENCH IS DEEPER THAN FOUNDATIONS
(SCALE 1:20)



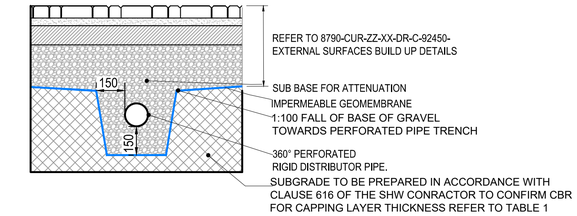
PIPE CROSSINGS DETAIL



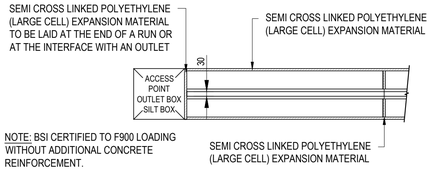
RODDING POINT (RE) DETAIL
DEPTH OF COVER GREATER THAN 600mm



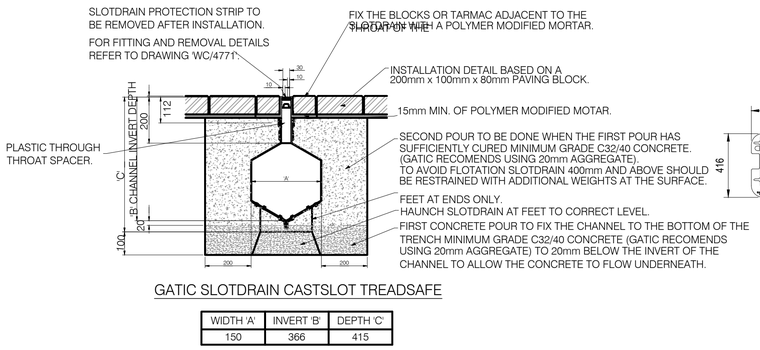
INTERCEPTOR TRAP



PERFORATED PIPE UNDER PERMEABLE PAVEMENT

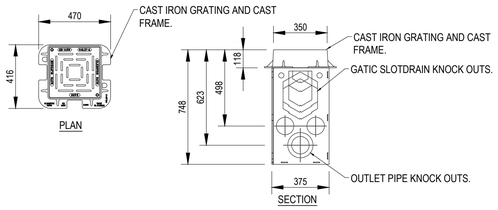


GATIC PLAN DETAIL

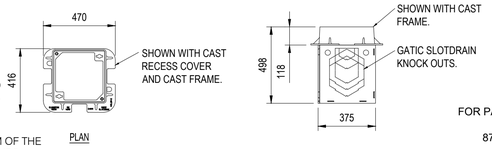


GATIC SLOTDRAIN CASTSLOT TREADSAFE

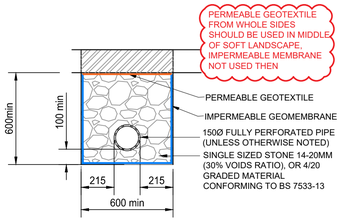
WIDTH 'A'	INVERT 'B'	DEPTH 'C'
150	366	415



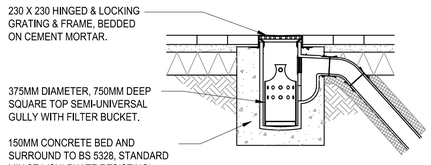
GATIC SLOTDRAIN 350mm OUTLET UNIT
SECTION AND PLAN DETAILS
NTS



350 ACCESS BOX
SECTION AND PLAN DETAILS
NTS

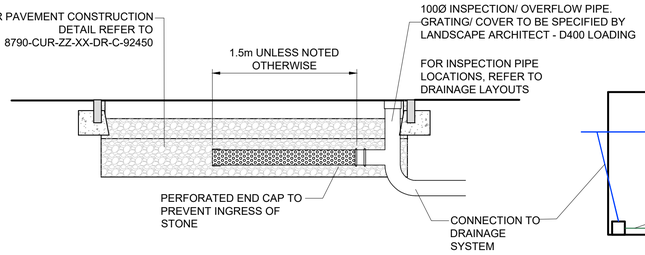


LAND DRAIN DETAIL
(SCALE 1:20)

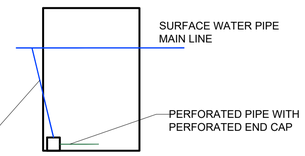


NOTE:
THE DEPTH OF THE GULLY CAN BE INCREASED BY UP TO 300MM BY FITTING A 225MM COUPLING AND A 300 MM HIGH RAISING PIECE BETWEEN THE FRAME AND THE GULLY BODY.

TYPICAL TRAPPED AND RODDABLE YARD GULLY DETAIL



TYPICAL OUTLET FROM PERMEABLE PAVING (PPO)



PPO ON PLAN

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C03	NOTE ADDED	25/05/21	MW	MW
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C01	ISSUED FOR CONSTRUCTION	22/01/21	MW	MW

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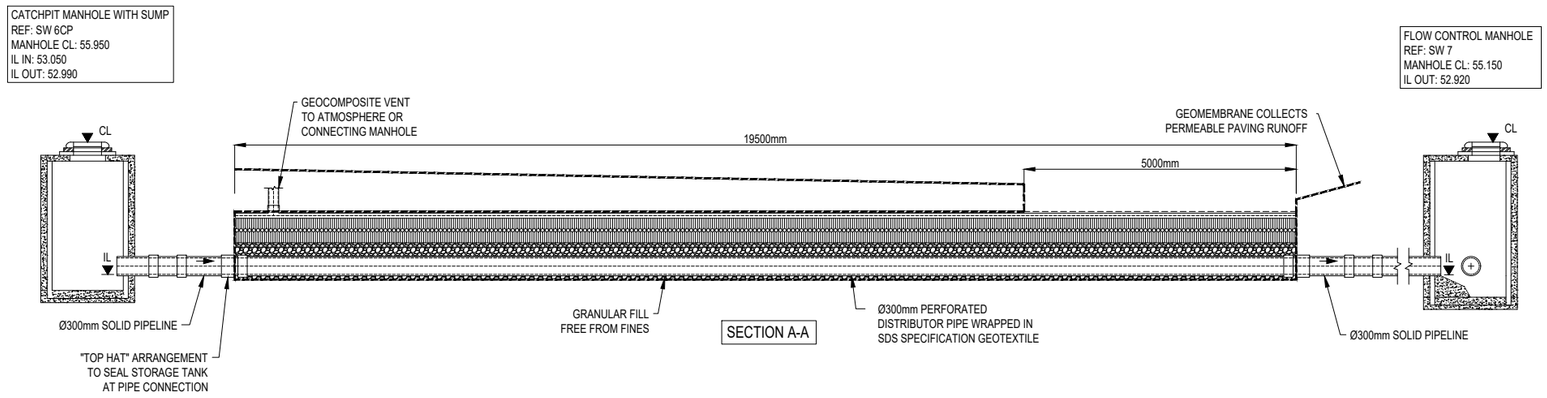
Project: GORTON LANE

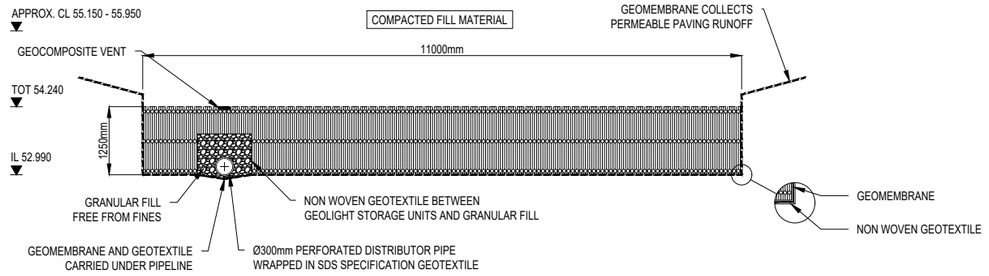
Drg Title: DRAINAGE DETAILS SHEET 3 OF 5

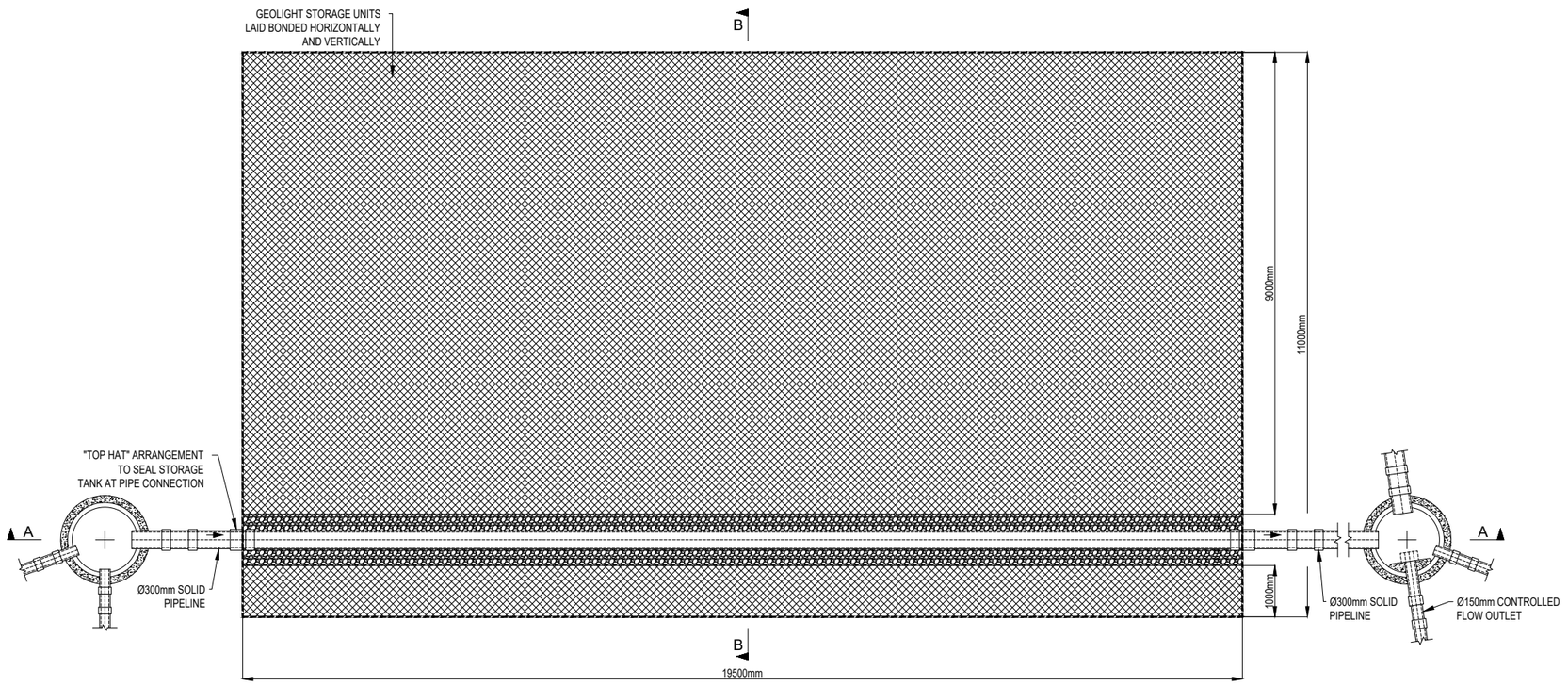
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Project No:	Originator:	Zone:	Level:	Type:	Discipline:	Category / Number:	Rev:
8790	- CUR -	ZZ -	XX -	DR -	C -	92522	- C03

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Notes:

This Drawing is to be read in conjunction with all relevant Architect's Engineer's and specialists' drawings and specifications.

Do not scale from this drawing in either paper or digital form. Use written dimensions only.

SDS to leave solid stub only, exiting tank for connection by others.

All external Manholes, Access Points, Junctions & Pipe are shown for guidance only and not part of the SDS program unless otherwise agreed.

REFERENCE DRAWINGS:			
Drawing Number	**Revision**	**Drawing Title**	**Date**
92501	C02	SITE 2 PROPOSED DRAINAGE STRATEGY	22.02.21
92523	C01	DRAINAGE DETAILS SHEET 4 of 5	22.01.21

Rev	Comments	Date	DRW	CHK
A	AMENDED PER NEW REF DRAWINGS ISSUED FOR APPROVAL	25.02.21	GM	SP
-	ISSUED FOR APPROVAL	08.02.21	GM	SP

SDS Water Infrastructure Systems
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Castlemills
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+44 (0)1934 751303
sdslimited.com

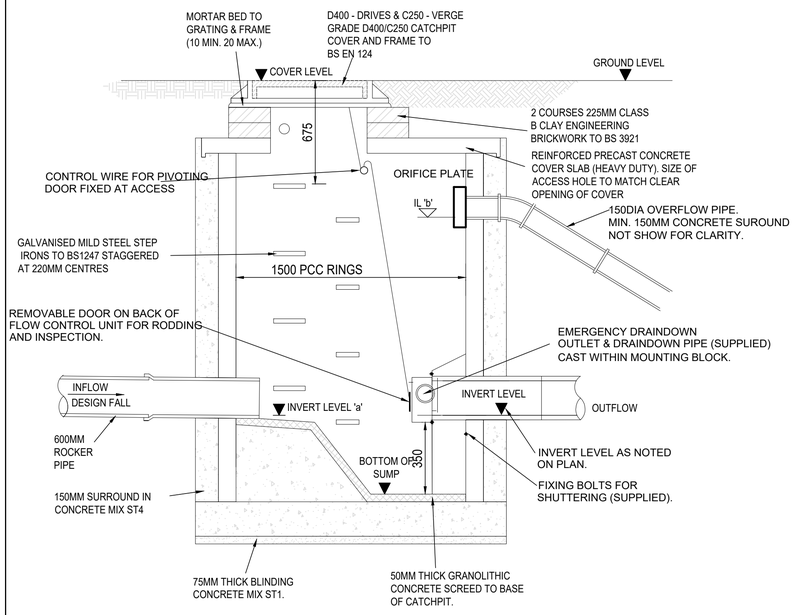
Project: KELLY CONTRACTING

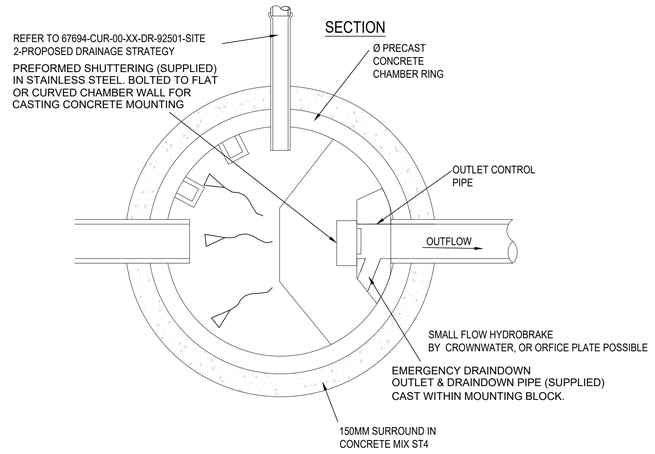
Client: GORTON LANE, MANCHESTER

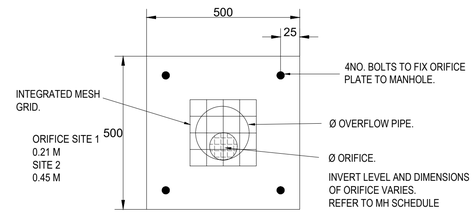
Title: ATTENUATION TANK 1 DETAIL

Scale: NTS | Date: 08.02.21

Drawing No: E146319_01_A | Rev: A







TYPICAL ORIFICE PLATE DETAIL

FLOW CONTROL DETAILS				
MANHOLE REF	HYDROBRAKE IL (a)	OVERFLOW IL (b)	OVERFLOW PIPE Ø	ORIFICE Ø
SW 5	54.19	NO OVERFLOW		
SW 7	52.92	53.57	150	52

GENERAL NOTES:

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1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
2. DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
9. REFER TO DRAINAGE LAYOUT 8790-CUR-ZZ-00-DR-C-92501 FOR THE LOCATION OF THE ATTENUATION TANK.
10. FLOW CONTROL TO BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURERS REQUIREMENTS, INSTRUCTIONS AND RECOMMENDATIONS.
11. WHERE ALTERNATIVE FLOW CONTROL DEVICE IS PREFERRED, IT WILL BE SUBJECT TO REDESIGN TO CONFIRM WHETHER THE SYSTEM HAS CAPACITY.
12. SURFACE WATER DRAINAGE CONNECTION SUBJECT TO S106 AGREEMENT WITH SEVERN TRENT WATER
13. FOR FULL DRAINAGE NOTES REFER TO DWG 8790-CUR-ZZ-00-DR-C-92520
14. SULPHATE RESISTANT CONCRETE DC2 SHOULD BE USED WHERE SULPHATES PRESENT, REFER TO SI

SW5,SW7 PRIVATE HYDROBRAKE CONTROL CHAMBERS

Technical Specification

Control Point	Head (m)	Flow (l/s)
Primary Design	1.500	20.000
Flush-Flo™	0.452	19.995
Kick-Flo®	0.984	16.360
Mean Flow		17.280

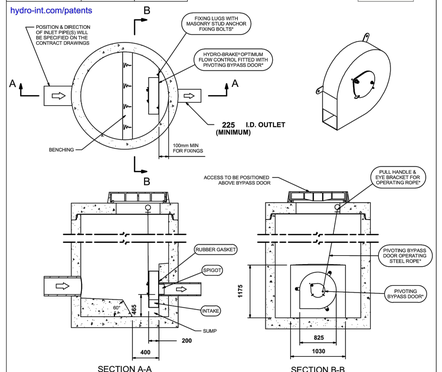
Hydro-Brake® Optimum Flow Control including:

- 5 mm grade 304L stainless steel
- Integral stainless steel pivoting by-pass door allowing clear line of sight through to outlet, c/w stainless steel operating rope
- Beed blasted finish to maximise corrosion resistance
- Stainless steel fixings
- Rubber gasket to seal outlet

BBA APPROVAL INSPECTION TESTING CERTIFICATION CERTIFICATE No. CEU 45585

WRc Approved PT329/0412

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SECTION A-A SECTION B-B

IMPORTANT: LIMIT OF HYDRO INTERNATIONAL SUPPLY
THE DEVICE WILL BE HANDED TO SUIT SITE CONDITIONS
FOR SITE SPECIFIC DETAILS AND MINIMUM CHAMBER SIZE REFER TO HYDRO INTERNATIONAL
ALL CIVIL AND INSTALLATION WORK BY OTHERS
* WHERE SUPPLIED
HYDRO-BRAKE® FLOW CONTROL & HYDRO-BRAKE® OPTIMUM FLOW CONTROL ARE REGISTERED TRADEMARKS FOR FLOW CONTROLS DESIGNED AND MANUFACTURED EXCLUSIVELY BY HYDRO INTERNATIONAL

THIS DESIGN LAYOUT IS FOR ILLUSTRATIVE PURPOSES ONLY. NOT TO SCALE.

DESIGN ADVICE !	The head/flow characteristics of this SHE-0192-2000-1500-2000 Hydro-Brake® Optimum Flow Control are unique. Dynamic hydraulic modelling evaluates the full head/flow characteristic curve. **The use of any other flow control will invalidate any design based on this data and could constitute a flood risk.**
DATE	1/22/2021 4:31 PM
SITE	Gorton Site 2
DESIGNER	Andrew Losty
REF	SW5

Hydro International — SHE-0192-2000-1500-2000 — Hydro-Brake® Optimum

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andy.losty@curtins.com

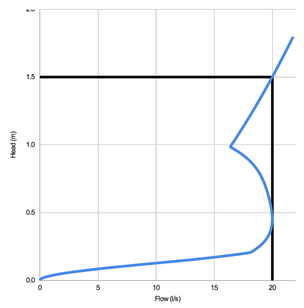
Technical Specification

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Flush-Flo	0.452	19.995
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Mean Flow		17.280

BBA APPROVAL INSPECTION TESTING CERTIFICATION CERTIFICATE No. CEU 45585

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Head (m)	Flow (l/s)
0.000	0.000
0.052	2.001
0.103	7.065
0.155	13.311
0.207	18.132
0.259	18.989
0.310	19.525
0.362	19.831
0.414	19.970
0.466	19.992
0.517	19.934
0.569	19.823
0.621	19.676
0.672	19.496
0.724	19.275
0.776	18.992
0.828	18.612
0.879	18.090
0.931	17.376
0.983	16.426
1.034	16.755
1.086	17.147
1.138	17.529
1.190	17.903
1.241	18.268
1.293	18.626
1.345	18.976
1.397	19.320
1.448	19.657
1.500	19.988

DESIGN ADVICE !	The head/flow characteristics of this SHE-0192-2000-1500-2000 Hydro-Brake Optimum® Flow Control are unique. Dynamic hydraulic modelling evaluates the full head/flow characteristic curve. **The use of any other flow control will invalidate any design based on this data and could constitute a flood risk.**
DATE	22/01/2021 16:31
Site	Gorton Site 2
DESIGNER	Andrew Losty
Ref	SW5

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MANHOLE SW 5 HYDROBRAKE DETAILS

Technical Specification

Control Point	Head (m)	Flow (l/s)
Primary Design	1.000	3.300
Flush-Flo™	0.296	3.295
Kick-Flo®	0.624	2.660
Mean Flow		2.882

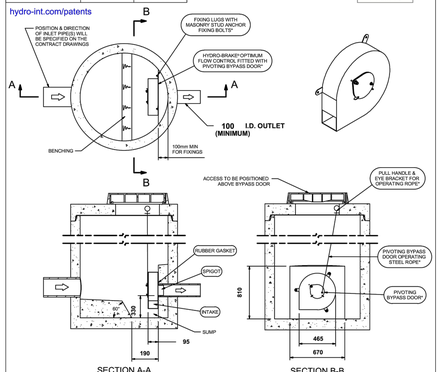
Hydro-Brake® Optimum Flow Control including:

- 3 mm grade 304L stainless steel
- Integral stainless steel pivoting by-pass door allowing clear line of sight through to outlet, c/w stainless steel operating rope
- Beed blasted finish to maximise corrosion resistance
- Stainless steel fixings
- Rubber gasket to seal outlet

BBA APPROVAL INSPECTION TESTING CERTIFICATION CERTIFICATE No. CEU 45585

WRc Approved PT329/0412

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SECTION A-A SECTION B-B

IMPORTANT: LIMIT OF HYDRO INTERNATIONAL SUPPLY
THE DEVICE WILL BE HANDED TO SUIT SITE CONDITIONS
FOR SITE SPECIFIC DETAILS AND MINIMUM CHAMBER SIZE REFER TO HYDRO INTERNATIONAL
ALL CIVIL AND INSTALLATION WORK BY OTHERS
* WHERE SUPPLIED
HYDRO-BRAKE® FLOW CONTROL & HYDRO-BRAKE® OPTIMUM FLOW CONTROL ARE REGISTERED TRADEMARKS FOR FLOW CONTROLS DESIGNED AND MANUFACTURED EXCLUSIVELY BY HYDRO INTERNATIONAL

THIS DESIGN LAYOUT IS FOR ILLUSTRATIVE PURPOSES ONLY. NOT TO SCALE.

DESIGN ADVICE !	The head/flow characteristics of this SHE-0086-3300-1000-3300 Hydro-Brake® Optimum Flow Control are unique. Dynamic hydraulic modelling evaluates the full head/flow characteristic curve. **The use of any other flow control will invalidate any design based on this data and could constitute a flood risk.**
DATE	1/22/2021 4:33 PM
SITE	Gorton Site 2
DESIGNER	Andrew Losty
REF	SW7

Hydro International — SHE-0086-3300-1000-3300 — Hydro-Brake® Optimum

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andy.losty@curtins.com

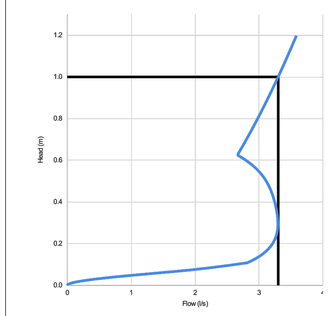
Technical Specification

Control Point	Head (m)	Flow (l/s)
Primary Design	1.000	3.300
Flush-Flo	0.296	3.295
Kick-Flo®	0.624	2.660
Mean Flow		2.882

BBA APPROVAL INSPECTION TESTING CERTIFICATION CERTIFICATE No. CEU 45585

WRc APPROVED PT329/0412

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Head (m)	Flow (l/s)
0.000	0.000
0.034	0.557
0.069	1.756
0.103	2.698
0.138	2.998
0.172	3.138
0.207	3.224
0.241	3.272
0.276	3.292
0.310	3.294
0.345	3.282
0.379	3.261
0.414	3.232
0.448	3.194
0.483	3.143
0.517	3.076
0.552	2.983
0.586	2.856
0.621	2.687
0.655	2.719
0.690	2.783
0.724	2.845
0.759	2.906
0.793	2.966
0.828	3.024
0.862	3.081
0.897	3.137
0.931	3.192
0.966	3.245
1.000	3.298

DESIGN ADVICE !	The head/flow characteristics of this SHE-0086-3300-1000-3300 Hydro-Brake Optimum® Flow Control are unique. Dynamic hydraulic modelling evaluates the full head/flow characteristic curve. **The use of any other flow control will invalidate any design based on this data and could constitute a flood risk.**
DATE	22/01/2021 16:33
Site	Gorton Site 2
DESIGNER	Andrew Losty
Ref	SW7

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MANHOLE SW 7 HYDROBRAKE DETAILS

CONSTRUCTION RECORD - FINAL CONSTRUCTION
THE INFORMATION IS BASED ON CONFIRMATION FROM THE CONTRACTOR OF THE INSTALLED WORKS. THERE MAY BE VARIATIONS ON SITE WHICH ARE NOT REFLECTED ON THIS DRAWING AND HAS NOT BEEN VERIFIED BY CURTINS.

Rev:	Description:	Date:	By:	Chkd:
FC	FINAL CONSTRUCTION	09/01/24	JC	MW
C02	NOTE 14 ADDED, ORIFICE PLATE CHANGE	21/02/21	MW	MW
C01	ISSUED FOR CONSTRUCTION	22/01/21	MW	MW

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www.curtins.com
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Status: CONSTRUCTION

Project: GORTON LANE

Drg Title: DRAINAGE DETAILS SHEET 5 OF 5

Size:	Date:	Drawn By:	Designed By:	Checked By:
A1	22.01.21	MJ	MW	CG

Scale: NOT TO SCALE

Project No:	Originator:	Zone:	Level:	Type:	Discipline:	Category / Number:	Rev:
8790	CUR	ZZ	XX	DR	C	92524	FC

\\malfs02\Projects\067001 - 068000\67694 - Gorton Lane\2ANS 4 Production\4B Models & Drawings\1_Civil-CICAD\

Appendix B

As Built CCTV survey

INFORMATION REQUIRED:
- DIVERSION OF EXTERNAL SERVICES IN DWG, COORDINATES
- PROPOSED EXTERNAL SERVICES FOR CONSTRUCTION

ASSUMED
- DRAINAGE DESIGN TO BE RETAINED AS PRIVATE
- EXTERNAL SERVCES BASED ON TENDER DRAWING

DESIGN PHILOSOPHY

SW FLOW RATES
TOTAL FLOW RESTRICTED TO GREENFIELD RATES
1 IN 1 3.3 l/s
1IN 30 6.5 l/s
1 IN100 8.0 l/s

FW PEAK FLOWS:
BASED ON DISCHARE UNITS
OUTFALL 1- 3.6 L/S
OUTFALL 2 -9.8L/S

REFER TO DWG: 8790-CUR-ZZ-XX-C-92503 FOR GENERAL NOTES.

DRAWING BASED ON:
- GPR SURVEY 9612_001A 12.2018 BY CND OLIVER&CO
- CCTV SURVEY 17909712985 CCTV 15.06.18 & 24.11.18 SUBSCAN
- UU ASSET RECORDS 10.10.16

ARCHITECTS DRAWINGS
- 8970-OMI-XX-00-PL-A-L1001 C07_SITE 02 STRUCTURAL GRID
- 1405 DWG:L0130 REV A
- 8790-OMI-XX-00-PL-A-L1030 C04_SITE 02 SITE LAYOUT GF PLAN
- L0145B REFUSE STRATEGY PLAN
- L1752_BLOCK C FIRE STRATEGY PLANS - GROUND FLOOR
- L1750_BLOCK A FIRE STRATEGY PLANS
- L1751_BLOCK B FIRE STRATEGY PLANS
- L1755_BLOCK D LAYOUT FIRE STRATEGY PLANS
- 8790-DEP-XX-GF-DR-L-0005 LANDSCAPE GA

POPUPS LOCATION
- 8790-OMI-BB-00-PL-A-L1100 C04
- 8790-OMI-CC-00-PL-A-L1110- C04
- 8790-OMI-CC-00-PL-A-L1111 -C04
- 8790-OMI-DD-00-PL-A-L1120 C03

DISCHARGE UNITS AND RWP AREA RECIVED FROM CWC 05.01.21
- 1761-FOUL DRAINAGE CALCULATION BLOCK B
- 1761-FOUL DRAINAGE CALCULATION BLOCK C
- 1761-FOUL DRAINAGE CALCULATION BLOCK D
- 1761-RAINWATER LOAD 50YR STORM REV 1
- 1761-ROOF SECTION REFERENCES

EXTERNAL SERVICES BY CWC ISSUED 25.03.20
- 1761-EX-9001-T2
- 1761-EX-9002-T2

EXTERNAL SERVICES DIVERSION
- ENWL-55001 19293/OVERLAY B 12.07.18 IN PDF

FOUNDATION 20.12.20
- 8970-CUR-ZB-00-DR-S-20100
- 8970-CUR-ZC-00-DR-S-20100
- 8970-CUR-ZD-00-DR-S-20100
- 8970-CUR-TH-00-DR-S-20100

TREES ROOT PROTECTION EXTENT
- TREE CONSTRAINTS PLAN: URBAN GREEN. UG_577_ARB_TRPB May 2020

SITE 2		
PERMEABLE PAVEMENT 1	CAR PARK	DRIVEWAY
LOWEST COVER LEVEL	55.95	55.95
INVERT LEVEL OF PAVEMENT	55.355	55.355
TOP OF SUBBASE	55.820	55.695
DEPTH M	0.47	0.34
PERMEABLE PAVEMENT 2	CAR PARK	DRIVEWAY
LOWEST COVER LEVEL	54.955	54.955
TOP OF SUBBASE	54.825	54.700
INVERT LEVEL OF PAVEMENT	54.475	54.475
AVERAGE DEPTH M	0.35	0.225

Rev:	Description:	Date:	By:	Chkd:
C03	SLOT AND LAND DRAIN ADDED	14.07.21	MW	MW
C02	ISSUED FOR CONSTRUCTION	22.02.21	MW	MW
C01	ISSUE FOR CONSTRUCTION	22.01.21	MW	MW

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Status: CONSTRUCTION

Project: GORTON LANE, MANCHESTER

Drg Title: SITE 2 PROPOSED DRAINAGE STRATEGY

Size:	Date:	Drawn By:	Designed By:	Checked By:
A1	22.01.21	MW	MW	MW
Scale: 1:200				

Project No: 8790 | Originator: CUR | Zone: ZZ | Level: 00 | Type: DR | Discipline: C | Category / Number: 92501 | Rev: -C03

\\manfs02\Projects\067001 - 069000\067894 - Gorton Lane\2MS 4 Production\4B Models & Drawings_Civil-C\CAD\

INFORMATION REQUIRED:
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ASSUMED
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- EXTERNAL SERVCES BASED ON TENDER DRAWING

DESIGN PHILOSOPHY

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TOTAL FLOW RESTRICTED TO GREENFIELD RATES

1 IN 1	3.3 l/s
1IN 30	6.5 l/s
1 IN100	8.0 l/s

FW PEAK FLOWS:
BASED ON DISCHARE UNITS
OUTFALL 1- 3.6 L/S
OUTFALL 2 -9.8L/S

REFER TO DWG: 8790-CUR-ZZ-XX-C-92503 FOR GENERAL NOTES.

DRAWING BASED ON:
- GPR SURVEY 9612_001A 12.2018 BY CND OLIVER&CO
- CCTV SURVEY 17909712985 CCTV 15.06.18 & 24.11.18 SUBSCAN
- UU ASSET RECORDS 10.10.16

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- L1755_BLOCK D LAYOUT FIRE STRATEGY PLANS
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- 8790-OMI-CC-00-PL-A-L1110- C04
- 8790-OMI-CC-00-PL-A-L1111 -C04
- 8790-OMI-DD-00-PL-A-L1120 C03

DISCHARGE UNITS AND RWP AREA RECIVED FROM CWC 05.01.21
- 1761-FOUL DRAINAGE CALCULATION BLOCK B
- 1761-FOUL DRAINAGE CALCULATION BLOCK C
- 1761-FOUL DRAINAGE CALCULATION BLOCK D
- 1761-RAINWATER LOAD 50YR STORM REV 1
- 1761-ROOF SECTION REFERENCES

EXTERNAL SERVICES BY CWC ISSUED 25.03.20
- 1761-EX-9001-T2
- 1761-EX-9002-T2

EXTERNAL SERVICES DIVERSION
- ENWL-55001 19293/OVERLAY B 12.07.18 IN PDF

FOUNDATION 20.12.20
- 8970-CUR-ZB-00-DR-S-20100
- 8970-CUR-ZC-00-DR-S-20100
- 8970-CUR-ZD-00-DR-S-20100
- 8970-CUR-TH-00-DR-S-20100

TREES ROOT PROTECTION EXTENT
- TREE CONSTRAINTS PLAN: URBAN GREEN. UG_577_ARB_TRPB May 2020

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TOP OF SUBBASE	54.825	54.700
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Rev:	Description:	Date:	By:	Chkd:
C03	SLOT AND LAND DRAIN ADDED	14.07.21	MW	MW
C02	ISSUED FOR CONSTRUCTION	22.02.21	MW	MW
C01	ISSUE FOR CONSTRUCTION	22.01.21	MW	MW

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Status: CONSTRUCTION

Project: GORTON LANE, MANCHESTER

Drg Title: SITE 2
PROPOSED DRAINAGE STRATEGY

Size:	Date:	Drawn By:	Designed By:	Checked By:
A1	22.01.21	MW	MW	MW
Scale: 1:200				

Project No:	Originator:	Zone:	Level:	Type:	Discipline:	Category / Number:	Rev:
8790	- CUR -	ZZ -	00 -	DR -	C -	92501	-C03

\\mafs02\Projects\067001 - 068000\067694 - Gorton Lane\QA\5 4 Production\4B Models & Drawings_Civil\CIVILD

LEGEND
- SITE BOUNDARY BASED ON L0100P SITE
- PROPOSED EXTERNAL SERVICES BASED ON 1761-EX-9001 P1 AND 1761-EX-9002 T1
- HV — HV CABLES DIVERSION SHOWN INDICATIVELY BASED ON ENWL-500119293-OVERLAY REV B
- EXISTING PUBLIC COMBINED SEWER BASED ON UU RECORDS
- EXISTING SEWER PREVIOUSLY ABANDONED BASED ON UU RECORDS
- PROPOSED FOUL WATER DRAIN
- PROPOSED SURFACE WATER DRAIN
- PROPOSED SURFACE WATER PERFORATED PIPE WITHIN GRANULAR SURROUND
- LAND DRAIN
- PROPOSED ATTENUATION TANK
- PERMABLE PAVEMENT EXTENT
- RAIN GARDENS
- SVP/SS — SVP/SS BASED ON M&E DRAWINGS
- FG — FLOOR GULLY BASED ON ARCHITECT DRAWINGS
- RWP — RAIN WATER PIPE BASED ON ARCHITECT DRAWINGS
- YG — YARD GULLY SHOWN INDICATIVELY
- RE — RODDING EYE
- FLOW CONTROL CHAMBER
- IT — INTERCEPTOR TRAP
- BD — BACK DROP
- CD — GATIC SLOT DRAIN 150MM WIDE B125
- CD — GATIC SLOT DRAIN 150MM WIDE D400
- CD — GATIC SLOT DRAIN 100MM WIDE B125
- AB — ACCESS BOX
- OU — OUTLET
- PPO — PERMEABLE PAVEMENT OUTLET

PDS
DRAIN SOLUTIONS

DATE 13.12.2023

CCTV DRAINAGE REPORT

- CCTV drain inspections
- Site Investigation
- Drain Tracing
- Home Buyers Drain Surveys
- Drain Tracing
- Drain Cleaning
- Patch lining
- Full length lining
- Repairs



CLIENT: KELLY CONTRACTING

SITE ADDRESS: GORTON LANE, MANCHESTER, M12 5HD

WWW.DRAIN-SOLUTIONS.COM @ INFO@DRAIN-SOLUTIONS.COM 0330 113 1585

PDS NW LTD
DEESIDE INDUSTRIAL ESTATE, DEESIDE
Tel. 0330 113 1586
steven@drain-solutions.com

Project Information

Project Name	Project Number	Project Date
Q107 Kelly Contracting		21/11/2023

Client

Company: Kelly Contracting LTD
Contact: Andy Mitchell
Department: Onsite Contact
Street: Alvanley Industrial Estate
Town or City: Stockport Road Bredbury
County: Stockport
Post Code: SK6 2DJ
Mobile: 07973164397
Email: andy@kellycontracting.co.uk

Site

Company: Kelly Contracting LTD
Department: Onsite Contact
Street: POLESWORTH CLOSE
County: MANCHESTER
Post Code: M12 5HD
Mobile: 07973164397
Email: andy@kellycontracting.co.uk

Contractor

Company: PDS NW LTD
Department: UNIT A4 FLEXSPACE, ZONE 1
Street: DEESIDE INDUSTRIAL ESTATE
Town or City: DEESIDE
Post Code: CH5 2JZ
Phone: 0330 113 1586
Mobile: 07826063054
Email: steven@drain-solutions.com

PDS NW LTD
DEESIDE INDUSTRIAL ESTATE, DEESIDE
Tel. 0330 113 1586
steven@drain-solutions.com

Scoring Summary

Project Name	Project Number	Project Date
Q107 Kelly Contracting		21/11/2023

Structural Defects

Grade 3: Best practice suggests consideration should be given to repairs in the medium term.

Grade 4: Best practice suggests consideration should be given to repairs to avoid a potential collapse.

Grade 5: Best practice suggests that this pipe is at risk of collapse at any time. Urgent consideration should be given to repairs to avoid total failure.

Section	PLR	Grade	Description
9	SVPBX	4	Broken pipe at joint from 4 o'clock to 5 o'clock

Service / Operational Condition

Section	PLR	Grade	Description
All inspected pipes are in an acceptable service condition (< grade 3).			

Abandoned Surveys

Section	PLR	Description
51	RWPX	Survey abandoned

Information

These scoring summaries are based on the SRM grading from the WRc.

PDS NW LTD
DEESIDE INDUSTRIAL ESTATE, DEESIDE
Tel. 0330 113 1586
steven@drain-solutions.com

Project Summary

Project Name	Project Number	Project Date
Q107 Kelly Contracting		21/11/2023

Pipe Summary

No.	Type	PLR	Upstream Node	Downstream Node	Road	Town	Use	Mat.	Profile	Length
1	SEC	FW6DX	FW6D	FW11	Polesworth Close	Manchester	F	PVC	Circular 100mm	11.88 m
2	SEC	FW10AX	FW10A	FW10	Polesworth Close	Manchester	F	PVC	Circular 100mm	1.72 m
3	SEC	FW10X	FW10	FW11	Polesworth Close	Manchester	F	PVC	Circular 100mm	7.26 m
4	SEC	SVPAX	SVPA	FW10A	Polesworth Close	Manchester	F	PVC	Circular 100mm	9.84 m
5	SEC	SVPBX	SVPB	FW10A	Polesworth Close	Manchester	F	PVC	Circular 100mm	8.09 m
6	SEC	FW11X	FW11	FW12	Polesworth Close	Manchester	F	PVC	Circular 100mm	17.11 m
7	SEC	FW10BX	FW10B	MAIN	Polesworth Close	Manchester	F	PVC	Circular 100mm	4.29 m
8	SEC	SVPAX	SVPA	FW10B	Polesworth Close	Manchester	F	PVC	Circular 100mm	7.53 m
9	SEC	SVPBX	SVPB	FW10B	Polesworth Close	Manchester	F	PVC	Circular 100mm	10.23 m
10	SEC	SVPAX	SVPA	FW1A	Polesworth Close	Manchester	F	PVC	Circular 100mm	8.06 m
11	SEC	SVPBX	SVPB	FW1A	Polesworth Close	Manchester	F	PVC	Circular 100mm	9.97 m
12	SEC	FW1AX	FW1A	FW1	Polesworth Close	Manchester	F	PVC	Circular 100mm	1.74 m
13	SEC	SW20CPX	SW20CP	SW23	Polesworth Close	Manchester	S	PVC	Circular 150mm	19.54 m
14	SEC	SW23X	SW23	SW24	Polesworth Close	Manchester	S	PVC	Circular 225mm	5.02 m
15	SEC	FW1X	FW1	FW2	Polesworth Close	Manchester	F	PVC	Circular 150mm	8.86 m
16	SEC	FW2X	FW2	FW3	Polesworth Close	Manchester	F	PVC	Circular 150mm	5.34 m
17	SEC	FW3X	FW3	FW4	Polesworth Close	Manchester	F	PVC	Circular 150mm	7.50 m
18	SEC	SVPAX	SVPA	FW1B	Polesworth Close	Manchester	F	PVC	Circular 100mm	7.36 m
19	SEC	SVPBX	SVPB	FW1B	Polesworth Close	Manchester	F	PVC	Circular 100mm	9.72 m
20	SEC	FW1BX	FW1B	FW1	Polesworth Close	Manchester	F	PVC	Circular 100mm	0.57 m
21	SEC	SVPAX	SVPA	FW1C	Polesworth Close	Manchester	F	PVC	Circular 100mm	8.13 m
22	SEC	FW1CX	FW1C	MAIN	Polesworth Close	Manchester	F	PVC	Circular 100mm	0.69 m
23	SEC	SVPAX	SVPA	FW1D	Polesworth Close	Manchester	F	PVC	Circular 100mm	9.30 m
24	SEC	FW1DX	FW1D	FW1	Polesworth Close	Manchester	F	PVC	Circular 100mm	9.54 m
25	SEC	SVPAX	SVPA	FW2A	Polesworth Close	Manchester	F	PVC	Circular 100mm	6.62 m
26	SEC	SVPBX	SVPB	FW2A	Polesworth Close	Manchester	F	PVC	Circular 100mm	8.92 m
27	SEC	SVPCX	SVPC	FW2A	Polesworth Close	Manchester	F	PVC	Circular 100mm	5.26 m
28	SEC	FW2AX	FW2A	FW2	Polesworth Close	Manchester	F	PVC	Circular 100mm	5.41 m
29	SEC	SW17X	SW17	SW24	Polesworth Close	Manchester	S	PVC	Circular 150mm	0.96 m
30	SEC	SW16X	SW16	SW17	Polesworth Close	Manchester	S	PVC	Circular 150mm	15.39 m

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Project Summary

Project Name	Project Number	Project Date
Q107 Kelly Contracting		21/11/2023

No.	Type	PLR	Upstream Node	Downstream Node	Road	Town	Use	Mat.	Profile	Length
31	SEC	SW24X	SW24	SW26	Polesworth Close	Manchester	S	PVC	Circular 300mm	22.04 m
32	SEC	FW3AX	FW3A	FW3	Polesworth Close	Manchester	F	PVC	Circular 100mm	4.05 m
33	SEC	SVPAX	SVPA	FW3A	Polesworth Close	Manchester	F	PVC	Circular 100mm	7.51 m
34	SEC	SVPBX	SVPB	FW3A	Polesworth Close	Manchester	F	PVC	Circular 100mm	7.41 m
35	SEC	SVPCX	SVPC	FW3A	Polesworth Close	Manchester	F	PVC	Circular 100mm	2.09 m
36	SEC	FW4AX	FW4A	FW4	Polesworth Close	Manchester	F	PVC	Circular 100mm	2.96 m
37	SEC	SVPAX	SVPA	FW4A	Polesworth Close	Manchester	F	PVC	Circular 100mm	7.92 m
38	SEC	SVPBX	SVPB	FW4A	Polesworth Close	Manchester	F	PVC	Circular 100mm	7.31 m
39	SEC	SVPCX	SVPC	FW4A	Polesworth Close	Manchester	F	PVC	Circular 100mm	2.03 m
40	SEC	FW4BX	FW4B	FW4	Polesworth Close	Manchester	F	PVC	Circular 100mm	4.19 m
41	SEC	SVPAX	SVPA	FW4B	Polesworth Close	Manchester	F	PVC	Circular 100mm	5.99 m
42	SEC	SVPBX	SVPB	FW4B	Polesworth Close	Manchester	F	PVC	Circular 100mm	8.20 m
43	SEC	SVPCX	SVPC	FW4B	Polesworth Close	Manchester	F	PVC	Circular 100mm	5.63 m
44	SEC	FW5AX	FW5A	FW5	Polesworth Close	Manchester	F	PVC	Circular 100mm	7.83 m
45	SEC	SVPAX	SVPA	FW5A	Polesworth Close	Manchester	F	PVC	Circular 100mm	8.92 m
46	SEC	SVPBX	SVPB	FW5A	Polesworth Close	Manchester	F	PVC	Circular 100mm	1.73 m
47	SEC	FW4X	FW4	FW5	Polesworth Close	Manchester	F	PVC	Circular 150mm	4.84 m
48	SEC	FW5X	FW5	FW7	Polesworth Close	Manchester	F	PVC	Circular 150mm	9.50 m
49	SEC	FW7X	FW7	FW8	Polesworth Close	Manchester	F	PVC	Circular 150mm	9.68 m
50	SEC	SVPAX	SVPA	FW7A	Polesworth Close	Manchester	F	PVC	Circular 100mm	8.47 m
51	SEC	RWPX	RWP	SW26A	Polesworth Close	Manchester	S	PVC	Circular 150mm	1.52 m
52	SEC	SW26AX	SW26A	MAIN	Polesworth Close	Manchester	S	PVC	Circular 150mm	6.42 m
53	SEC	SVPBX	SVPB	FW7A	Polesworth Close	Manchester	F	PVC	Circular 100mm	10.68 m
54	SEC	FW7AX	FW7A	FW7B	Polesworth Close	Manchester	F	PVC	Circular 100mm	2.34 m
55	SEC	FW7BX	FW7B	FW7	Polesworth Close	Manchester	F	PVC	Circular 100mm	1.31 m
56	SEC	SVPAX	SVPA	FW7B	Polesworth Close	Manchester	F	PVC	Circular 100mm	9.95 m
57	SEC	FW12X	FW12	FW5	Polesworth Close	Manchester	F	PVC	Circular 100mm	9.60 m
58	SEC	SVPAX	SVPA	FW8A	Polesworth Close	Manchester	F	PVC	Circular 100mm	8.47 m
59	SEC	FW8AX	FW8A	FW8B	Polesworth Close	Manchester	F	PVC	Circular 100mm	3.94 m
60	SEC	SVPAX	SVPA	FW8B	Polesworth Close	Manchester	F	PVC	Circular 100mm	10.01 m
61	SEC	FW8BX	FW8B	FW8	Polesworth Close	Manchester	F	PVC	Circular 100mm	1.46 m
62	SEC	SW32X	SW32	SW7	Polesworth Close	Manchester	S	PVC	Circular 100mm	4.16 m

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No.	Type	PLR	Upstream Node	Downstream Node	Road	Town	Use	Mat.	Profile	Length
63	SEC	SW31X	SW31	SW32	Polesworth Close	Manchester	S	PVC	Circular 100mm	6.28 m
64	SEC	RWP1X	RWP1	SW32	Polesworth Close	Manchester	S	PVC	Circular 100mm	3.61 m
65	SEC	RWP2X	RWP2	SW32	Polesworth Close	Manchester	S	PVC	Circular 100mm	2.30 m
66	SEC	FW8X	FW8	FW9	Polesworth Close	Manchester	F	PVC	Circular 150mm	4.61 m
67	SEC	SW29X	SW29	SW30CP	Polesworth Close	Manchester	S	PVC	Circular 150mm	21.17 m
68	SEC	SW26X	SW26	SW28	Polesworth Close	Manchester	S	PVC	Circular 300mm	11.01 m
69	SEC	SW30CPX	SW30CP	SW7	Polesworth Close	Manchester	S	PVC	Circular 300mm	4.84 m
70	SEC	SW28X	SW28	SW30CP	Polesworth Close	Manchester	S	PVC	Circular 300mm	4.16 m
71	SEC	SW6CPX	SW6CP	SW7	Polesworth Close	Manchester	S	PVC	Circular 300mm	23.10 m
72	SEC	SW7X	SW7	SW8	Polesworth Close	Manchester	S	PVC	Circular 150mm	2.17 m
73	SEC	FW13X	FW13	FW14	Polesworth Close	Manchester	F	PVC	Circular 100mm	13.38 m
74	SEC	FW14X	FW14	EX 2802	Polesworth Close	Manchester	F	PVC	Circular 150mm	5.01 m
75	SEC	FWP109X	FWP109	FW14	Polesworth Close	Manchester	F	PVC	Circular 100mm	42.82 m
76	SEC	FWP109AX	FWP109A	FWP109	Polesworth Close	Manchester	F	PVC	Circular 100mm	4.10 m
77	SEC	SW 13X	SW 13	SW14CP	Polesworth Close	Manchester	S	PVC	Circular 225mm	10.11 m
78	SEC	SW 12X	SW 12	SW 13	Polesworth Close	Manchester	S	PVC	Circular 225mm	14.78 m
79	SEC	SW 11X	SW 11	SW 12	Polesworth Close	Manchester	S	PVC	Circular 150mm	24.74 m
80	SEC	SW 14CPX	SW 14CP	SW 5	Polesworth Close	Manchester	S	PVC	Circular 225mm	1.41 m
81	SEC	SW 5X	SW 5	SW 6CP	Polesworth Close	Manchester	S	PVC	Circular 150mm	17.88 m
82	SEC	SW 4X	SW 4	SW 5	Polesworth Close	Manchester	S	PVC	Circular 225mm	15.79 m
83	SEC	SW 3 CPX	SW 3 CP	SW 4	Polesworth Close	Manchester	S	PVC	Circular 225mm	13.26 m
84	SEC	FW 1DX	FW 1D	FW 13	Polesworth Close	Manchester	F	PVC	Circular 100mm	16.88 m
85	SEC	SW10X	SW10	SW 3 CP	Polesworth Close	Manchester	S	PVC	Circular 225mm	17.88 m
86	SEC	SW 2CPX	SW 2CP	SW 3 CP	Polesworth Close	Manchester	S	PVC	Circular 225mm	19.25 m
87	SEC	SW1X	SW1	SW 2CP	Polesworth Close	Manchester	S	PVC	Circular 225mm	19.70 m
88	SEC	SW 3AX	SW 3A	MAIN	Polesworth Close	Manchester	S	PVC	Circular 100mm	3.30 m
89	SEC	SSX	SS	FW 2D	Polesworth Close	Manchester	F	PVC	Circular 100mm	5.83 m
90	SEC	AX	A	FW 2D	Polesworth Close	Manchester	F	PVC	Circular 100mm	2.27 m
91	SEC	FW 2DX	FW 2D	FW 3D	Polesworth Close	Manchester	F	PVC	Circular 100mm	3.72 m
92	SEC	AX	A	FW 3D	Polesworth Close	Manchester	F	PVC	Circular 100mm	2.55 m
93	SEC	BX	B	FW 3D	Polesworth Close	Manchester	F	PVC	Circular 100mm	4.78 m
94	SEC	FW 3DX	FW 3D	FW 5D	Polesworth Close	Manchester	F	PVC	Circular 100mm	2.63 m

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No.	Type	PLR	Upstream Node	Downstream Node	Road	Town	Use	Mat.	Profile	Length
95	SEC	AX	A	FW 5D	Polesworth Close	Manchester	F	PVC	Circular 100mm	2.31 m
96	SEC	BX	B	FW 5D	Polesworth Close	Manchester	F	PVC	Circular 100mm	4.71 m
97	SEC	FW 5DX	FW 5D	FW 6D	Polesworth Close	Manchester	F	PVC	Circular 100mm	4.74 m
98	SEC	AX	A	FW 6D	Polesworth Close	Manchester	F	PVC	Circular 100mm	2.75 m
99	SEC	BX	B	FW 6D	Polesworth Close	Manchester	F	PVC	Circular 100mm	4.76 m
100	SEC	FW9X	FW9	EX3	Polesworth Close	Manchester	F	PVC	Circular 100mm	20.08 m
101	SEC	SW8X	SW8	EX3	Polesworth Close	Manchester	S	PVC	Circular 150mm	21.69 m
102	SEC	ACOX	ACO	SW18	Polesworth Close	Manchester	S	PVC	Circular 150mm	2.25 m
103	SEC	RWPAX	RWPA	SW18	Polesworth Close	Manchester	S	PVC	Circular 100mm	2.85 m
104	SEC	RWPBX	RWPB	SW18	Polesworth Close	Manchester	S	PVC	Circular 150mm	9.37 m
105	SEC	SW18X	SW18	SW19CP	Polesworth Close	Manchester	S	PVC	Circular 150mm	3.17 m
106	SEC	SW19CPX	SW19CP	SW20CP	Polesworth Close	Manchester	S	PVC	Circular 150mm	5.75 m
107	SEC	SW15X	SW15	SW16	Polesworth Close	Manchester	S	PVC	Circular 150mm	28.83 m
108	SEC	ACOX	ACO	SW16	Polesworth Close	Manchester	S	PVC	Circular 100mm	0.63 m
									Total:	**899.22 m**

Pipe Levels

No.	PLR	Upstream Node	Upstream C.L.	Upstream I.L.	Upstream I.D.	Downstream Node	Downstream C.L.	Downstream I.L.	Downstream I.D.
1	FW6DX	FW6D			1.050 m	FW11			0.000 m
2	FW10AX	FW10A			0.710 m	FW10			0.000 m
3	FW10X	FW10			0.720 m	FW11			0.000 m
4	SVPAX	SVPA			0.000 m	FW10A			0.690 m
5	SVPBX	SVPB			0.000 m	FW10A			0.650 m
6	FW11X	FW11			2.300 m	FW12			0.000 m
7	FW10BX	FW10B			0.730 m	MAIN			0.000 m
8	SVPAX	SVPA			0.000 m	FW10B			0.690 m
9	SVPBX	SVPB			0.000 m	FW10B			0.670 m
10	SVPAX	SVPA			0.000 m	FW1A			0.810 m
11	SVPBX	SVPB			0.000 m	FW1A			0.750 m

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No.	PLR	Upstream Node	Upstream C.L.	Upstream I.L.	Upstream I.D.	Downstream Node	Downstream C.L.	Downstream I.L.	Downstream I.D.
12	FW1AX	FW1A			0.830 m	FW1			0.000 m
13	SW20CPX	SW20CP			0.000 m	SW23			1.780 m
14	SW23X	SW23			0.000 m	SW24			1.860 m
15	FW1X	FW1			0.000 m	FW2			2.150 m
16	FW2X	FW2			2.170 m	FW3			0.000 m
17	FW3X	FW3			2.190 m	FW4			0.000 m
18	SVPAX	SVPA			0.000 m	FW1B			1.170 m
19	SVPBX	SVPB			0.000 m	FW1B			1.190 m
20	FW1BX	FW1B			1.210 m	FW1			0.000 m
21	SVPAX	SVPA			0.000 m	FW1C			0.850 m
22	FW1CX	FW1C			0.870 m	MAIN			0.000 m
23	SVPAX	SVPA			0.000 m	FW1D			1.170 m
24	FW1DX	FW1D			1.190 m	FW1			0.000 m
25	SVPAX	SVPA			0.000 m	FW2A			0.800 m
26	SVPBX	SVPB			0.000 m	FW2A			0.760 m
27	SVPCX	SVPC			0.000 m	FW2A			0.760 m
28	FW2AX	FW2A			0.800 m	FW2			0.000 m
29	SW17X	SW17			0.000 m	SW24			1.860 m
30	SW16X	SW16			0.000 m	SW17			1.860 m
31	SW24X	SW24			1.870 m	SW26			0.000 m
32	FW3AX	FW3A			0.810 m	FW3			0.000 m
33	SVPAX	SVPA			0.000 m	FW3A			0.740 m
34	SVPBX	SVPB			0.000 m	FW3A			0.770 m
35	SVPCX	SVPC			0.000 m	FW3A			0.770 m
36	FW4AX	FW4A			0.810 m	FW4			0.000 m
37	SVPAX	SVPA			0.000 m	FW4A			0.780 m
38	SVPBX	SVPB			0.000 m	FW4A			0.780 m
39	SVPCX	SVPC			0.000 m	FW4A			0.780 m
40	FW4BX	FW4B			0.820 m	FW4			0.000 m
41	SVPAX	SVPA			0.000 m	FW4B			0.079 m
42	SVPBX	SVPB			0.000 m	FW4B			0.800 m
43	SVPCX	SVPC			0.000 m	FW4B			0.790 m

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No.	PLR	Upstream Node	Upstream C.L.	Upstream I.L.	Upstream I.D.	Downstream Node	Downstream C.L.	Downstream I.L.	Downstream I.D.
44	FW5AX	FW5A			0.790 m	FW5			0.000 m
45	SVPAX	SVPA			0.000 m	FW5A			0.760 m
46	SVPBX	SVPB			0.000 m	FW5A			0.770 m
47	FW4X	FW4			2.320 m	FW5			0.000 m
48	FW5X	FW5			2.230 m	FW7			0.000 m
49	FW7X	FW7			2.230 m	FW8			0.000 m
50	SVPAX	SVPA			0.000 m	FW7A			0.092 m
51	RWPX	RWP			0.000 m	SW26A			1.880 m
52	SW26AX	SW26A			1.890 m	MAIN			0.000 m
53	SVPBX	SVPB			0.000 m	FW7A			0.890 m
54	FW7AX	FW7A			0.890 m	FW7B			0.000 m
55	FW7BX	FW7B			0.910 m	FW7			0.000 m
56	SVPAX	SVPA			0.000 m	FW7B			0.870 m
57	FW12X	FW12			0.000 m	FW5			2.140 m
58	SVPAX	SVPA			0.000 m	FW8A			0.800 m
59	FW8AX	FW8A			0.810 m	FW8B			0.000 m
60	SVPAX	SVPA			0.000 m	FW8B			0.810 m
61	FW8BX	FW8B			0.820 m	FW8			0.000 m
62	SW32X	SW32			0.850 m	SW7			0.000 m
63	SW31X	SW31			0.000 m	SW32			0.860 m
64	RWP1X	RWP1			0.000 m	SW32			0.000 m
65	RWP2X	RWP2			0.000 m	SW32			0.000 m
66	FW8X	FW8			0.000 m	FW9			2.630 m
67	SW29X	SW29			0.000 m	SW30CP			2.000 m
68	SW26X	SW26			0.000 m	SW28			2.100 m
69	SW30CPX	SW30CP			2.100 m	SW7			0.000 m
70	SW28X	SW28			0.000 m	SW30CP			0.000 m
71	SW6CPX	SW6CP			0.000 m	SW7			2.100 m
72	SW7X	SW7			2.100 m	SW8			0.000 m
73	FW13X	FW13			0.000 m	FW14			1.440 m
74	FW14X	FW14			0.000 m	EX 2802			0.000 m
75	FWP109X	FWP109			0.000 m	FW14			0.000 m

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76	FWP109AX	FWP109A			0.000 m	FWP109			0.000 m
77	SW 13X	SW 13			0.000 m	SW14CP			0.690 m
78	SW 12X	SW 12			0.000 m	SW 13			0.000 m
79	SW 11X	SW 11			0.000 m	SW 12			0.000 m
80	SW 14CPX	SW 14CP			0.000 m	SW 5			0.000 m
81	SW 5X	SW 5			0.000 m	SW 6CP			0.000 m
82	SW 4X	SW 4			0.000 m	SW 5			0.000 m
83	SW 3 CPX	SW 3 CP			0.000 m	SW 4			0.000 m
84	FW 1DX	FW 1D			0.000 m	FW 13			0.000 m
85	SW10X	SW10			0.000 m	SW 3 CP			0.000 m
86	SW 2CPX	SW 2CP			0.000 m	SW 3 CP			0.000 m
87	SW1X	SW1			0.000 m	SW 2CP			0.000 m
88	SW 3AX	SW 3A			0.000 m	MAIN			0.000 m
89	SSX	SS			0.000 m	FW 2D			0.690 m
90	AX	A			0.000 m	FW 2D			0.000 m
91	FW 2DX	FW 2D			0.000 m	FW 3D			0.000 m
92	AX	A			0.000 m	FW 3D			0.000 m
93	BX	B			0.000 m	FW 3D			0.000 m
94	FW 3DX	FW 3D			0.000 m	FW 5D			0.000 m
95	AX	A			0.000 m	FW 5D			0.000 m
96	BX	B			0.000 m	FW 5D			0.000 m
97	FW 5DX	FW 5D			0.000 m	FW 6D			0.000 m
98	AX	A			0.000 m	FW 6D			0.000 m
99	BX	B			0.000 m	FW 6D			0.000 m
100	FW9X	FW9			2.620 m	EX3			0.000 m
101	SW8X	SW8			2.120 m	EX3			0.000 m
102	ACOX	ACO			0.000 m	SW18			1.230 m
103	RWPAX	RWPA			0.000 m	SW18			0.000 m
104	RWPBX	RWPB			0.000 m	SW18			0.000 m
105	SW18X	SW18			1.250 m	SW19CP			0.000 m
106	SW19CPX	SW19CP			0.000 m	SW20CP			0.000 m
107	SW15X	SW15			0.000 m	SW16			0.000 m

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No.	PLR	Upstream Node	Upstream C.L.	Upstream I.L.	Upstream I.D.	Downstream Node	Downstream C.L.	Downstream I.L.	Downstream I.D.
108	ACOX	ACO			0.000 m	SW16			0.000 m

Pipe Summary by Profile

Profile	Total Length	No. Pipes
Circular 100mm	11.88 m	
Circular 100mm	1.72 m	
Circular 100mm	7.26 m	
Circular 100mm	9.84 m	
Circular 100mm	8.09 m	
Circular 100mm	17.11 m	
Circular 100mm	4.29 m	
Circular 100mm	7.53 m	
Circular 100mm	10.23 m	
Circular 100mm	8.06 m	
Circular 100mm	9.97 m	
Circular 100mm	1.74 m	
Circular 100mm	7.36 m	
Circular 100mm	9.72 m	
Circular 100mm	0.57 m	
Circular 100mm	8.13 m	
Circular 100mm	0.69 m	
Circular 100mm	9.30 m	
Circular 100mm	9.54 m	
Circular 100mm	6.62 m	
Circular 100mm	8.92 m	
Circular 100mm	5.26 m	
Circular 100mm	5.41 m	
Circular 100mm	4.05 m	
Circular 100mm	7.51 m	
Circular 100mm	7.41 m	
Circular 100mm	2.09 m	
Circular 100mm	2.96 m	
Circular 100mm	7.92 m	
Circular 100mm	7.31 m	
Circular 100mm	2.03 m	
Circular 100mm	4.19 m	
Circular 100mm	5.99 m	
Circular 100mm	8.20 m	
Circular 100mm	5.63 m	
Circular 100mm	7.83 m	
Circular 100mm	8.92 m	

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Project Summary

Project Name	Project Number	Project Date
Q107 Kelly Contracting		21/11/2023

Profile		Total Length	No. Pipes
Circular 100mm		1.73 m	
Circular 100mm		8.47 m	
Circular 100mm		10.68 m	
Circular 100mm		2.34 m	
Circular 100mm		1.31 m	
Circular 100mm		9.95 m	
Circular 100mm		9.60 m	
Circular 100mm		8.47 m	
Circular 100mm		3.94 m	
Circular 100mm		10.01 m	
Circular 100mm		1.46 m	
Circular 100mm		4.16 m	
Circular 100mm		6.28 m	
Circular 100mm		3.61 m	
Circular 100mm		2.30 m	
Circular 100mm		13.38 m	
Circular 100mm		42.82 m	
Circular 100mm		4.10 m	
Circular 100mm		16.88 m	
Circular 100mm		3.30 m	
Circular 100mm		5.83 m	
Circular 100mm		2.27 m	
Circular 100mm		3.72 m	
Circular 100mm		2.55 m	
Circular 100mm		4.78 m	
Circular 100mm		2.63 m	
Circular 100mm		2.31 m	
Circular 100mm		4.71 m	
Circular 100mm		4.74 m	
Circular 100mm		2.75 m	
Circular 100mm		4.76 m	
Circular 100mm		20.08 m	
Circular 100mm		2.85 m	
Circular 100mm		0.63 m	
Circular 100mm	=	480.68 m	71
Circular 150mm		19.54 m	
Circular 150mm		8.86 m	
Circular 150mm		5.34 m	
Circular 150mm		7.50 m	
Circular 150mm		0.96 m	
Circular 150mm		15.39 m	
Circular 150mm		4.84 m	
Circular 150mm		9.50 m	
Circular 150mm		9.68 m	

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Project Summary

Project Name	Project Number	Project Date
Q107 Kelly Contracting		21/11/2023

Profile		Total Length	No. Pipes
Circular 150mm		1.52 m	
Circular 150mm		6.42 m	
Circular 150mm		4.61 m	
Circular 150mm		21.17 m	
Circular 150mm		2.17 m	
Circular 150mm		5.01 m	
Circular 150mm		24.74 m	
Circular 150mm		17.88 m	
Circular 150mm		21.69 m	
Circular 150mm		2.25 m	
Circular 150mm		9.37 m	
Circular 150mm		3.17 m	
Circular 150mm		5.75 m	
Circular 150mm		28.83 m	
Circular 150mm	=	236.19 m	23
Circular 225mm		5.02 m	
Circular 225mm		10.11 m	
Circular 225mm		14.78 m	
Circular 225mm		1.41 m	
Circular 225mm		15.79 m	
Circular 225mm		13.26 m	
Circular 225mm		17.88 m	
Circular 225mm		19.25 m	
Circular 225mm		19.70 m	
Circular 225mm	=	117.20 m	9
Circular 300mm		22.04 m	
Circular 300mm		11.01 m	
Circular 300mm		4.84 m	
Circular 300mm		4.16 m	
Circular 300mm		23.10 m	
Circular 300mm	=	65.15 m	5
Total	**=**	**899.22 m**	**108**

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Project Summary

Project Name	Project Number	Project Date
Q107 Kelly Contracting		21/11/2023

Inspection Summary

Pipe No.	Insp. No.	Upstream Node	Downstream Node	Dir.	Operator	Insp. Date	Insp. Time	Str	Ser	Final Observation	Length
1	1	FW6D	FW11	DS	S.Sadler	21/11/2023	13:15	1	1	MHF	11.88 m
2	1	FW10A	FW10	DS	S.Sadler	21/11/2023	13:15	1	1	ICF	1.72 m
3	1	FW10	FW11	DS	S.Sadler	21/11/2023	13:15	1	1	MHF	7.26 m
4	1	SVPA	FW10A	US	S.Sadler	21/11/2023	13:15	1	1	OCF, STACK	9.84 m
5	1	SVPB	FW10A	US	S.Sadler	21/11/2023	13:16	1	1	OCF, STACK	8.09 m
6	1	FW11	FW12	DS	S.Sadler	21/11/2023	13:16	1	1	MHF	17.11 m
7	1	FW10B	MAIN	DS	S.Sadler	21/11/2023	13:16	1	1	BRF	4.29 m
8	1	SVPA	FW10B	US	S.Sadler	21/11/2023	13:16	1	1	OCF, STACK	7.53 m
9	1	SVPB	FW10B	US	S.Sadler	21/11/2023	13:16	4	1	OCF, STACK	10.23 m
10	1	SVPA	FW1A	US	S.Sadler	21/11/2023	13:16	1	1	OCF, STACK	8.06 m
11	1	SVPB	FW1A	US	S.Sadler	21/11/2023	13:16	1	1	OCF, STACK	9.97 m
12	1	FW1A	FW1	DS	S.Sadler	21/11/2023	13:16	1	1	MHF	1.74 m
13	1	SW20CP	SW23	US	S.Sadler	21/11/2023	13:16	1	1	CPF	19.54 m
14	1	SW23	SW24	US	S.Sadler	21/11/2023	13:16	1	1	MHF	5.02 m
15	1	FW1	FW2	US	S.Sadler	21/11/2023	13:16	1	1	MHF	8.86 m
16	1	FW2	FW3	DS	S.Sadler	21/11/2023	13:16	1	1	MHF	5.34 m
17	1	FW3	FW4	DS	S.Sadler	21/11/2023	13:16	1	1	MHF	7.50 m
18	1	SVPA	FW1B	US	S.Sadler	21/11/2023	13:16	1	1	OCF, STACK	7.36 m
19	1	SVPB	FW1B	US	S.Sadler	21/11/2023	13:16	1	1	OCF, STACK	9.72 m
20	1	FW1B	FW1	DS	S.Sadler	21/11/2023	13:16	1	1	MHF	0.57 m
21	1	SVPA	FW1C	US	S.Sadler	21/11/2023	13:16	1	1	OCF, STACK	8.13 m
22	1	FW1C	MAIN	DS	S.Sadler	21/11/2023	13:16	1	1	BRF	0.69 m
23	1	SVPA	FW1D	US	S.Sadler	21/11/2023	13:17	1	1	OCF, STACK	9.30 m
24	1	FW1D	FW1	DS	S.Sadler	21/11/2023	13:17	1	1	MHF	9.54 m
25	1	SVPA	FW2A	US	S.Sadler	21/11/2023	15:42	1	1	OCF, STACK	6.62 m
26	1	SVPB	FW2A	US	S.Sadler	21/11/2023	15:42	1	1	OCF, STACK	8.92 m
27	1	SVPC	FW2A	US	S.Sadler	21/11/2023	15:42	1	1	OCF, STACK	5.26 m
28	1	FW2A	FW2	DS	S.Sadler	21/11/2023	15:42	1	1	MHF	5.41 m
29	1	SW17	SW24	US	S.Sadler	21/11/2023	15:42	1	1	MHF	0.96 m
30	1	SW16	SW17	US	S.Sadler	21/11/2023	15:42	1	1	MHF	15.39 m

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Project Summary

Project Name	Project Number	Project Date
Q107 Kelly Contracting		21/11/2023

Pipe No.	Insp. No.	Upstream Node	Downstream Node	Dir.	Operator	Insp. Date	Insp. Time	Str	Ser	Final Observation	Length
31	1	SW24	SW26	DS	S.Sadler	21/11/2023	15:42	1	1	MHF	22.04 m
32	1	FW3A	FW3	DS	S.Sadler	21/11/2023	15:42	1	1	MHF	4.05 m
33	1	SVPA	FW3A	US	S.Sadler	21/11/2023	15:42	1	1	OCF, STACK	7.51 m
34	1	SVPB	FW3A	US	S.Sadler	21/11/2023	15:42	1	1	OCF, STACK	7.41 m
35	1	SVPC	FW3A	US	S.Sadler	21/11/2023	15:42	1	1	OCF, STACK	2.09 m
36	1	FW4A	FW4	DS	S.Sadler	21/11/2023	15:42	1	1	MHF	2.96 m
37	1	SVPA	FW4A	US	S.Sadler	21/11/2023	15:43	1	1	OCF, STACK	7.92 m
38	1	SVPB	FW4A	US	S.Sadler	21/11/2023	15:43	1	1	OCF, STACK	7.31 m
39	1	SVPC	FW4A	US	S.Sadler	21/11/2023	15:43	1	1	OCF, STACK	2.03 m
40	1	FW4B	FW4	DS	S.Sadler	21/11/2023	15:43	1	1	MHF	4.19 m
41	1	SVPA	FW4B	US	S.Sadler	21/11/2023	15:43	1	1	OCF, STACK	5.99 m
42	1	SVPB	FW4B	US	S.Sadler	21/11/2023	15:43	1	1	OCF, STACK	8.20 m
43	1	SVPC	FW4B	US	S.Sadler	21/11/2023	15:43	1	1	OCF, STACK	5.63 m
44	1	FW5A	FW5	DS	S.Sadler	21/11/2023	15:43	2	3	MHF	7.83 m
45	1	SVPA	FW5A	US	S.Sadler	21/11/2023	15:43	1	1	OCF, CAPPED STACK	8.92 m
46	1	SVPB	FW5A	US	S.Sadler	21/11/2023	15:43	1	1	OCF, STACK	1.73 m
47	1	FW4	FW5	DS	S.Sadler	27/11/2023	12:40	1	1	ICF	4.84 m
48	1	FW5	FW7	DS	S.Sadler	27/11/2023	12:40	1	1	ICF	9.50 m
49	1	FW7	FW8	DS	S.Sadler	27/11/2023	12:40	1	1	ICF	9.68 m
50	1	SVPA	FW7A	US	S.Sadler	27/11/2023	12:40	1	1	OCF, STACK	8.47 m
51	**1**	**RWP**	**SW26A**	**US**	**S.Sadler**	**27/11/2023**	**12:40**	**1**	**1**	**SA, DUE TO UNABLE TO GET CAMERA ROUND E**	**1.52 m**
52	1	SW26A	MAIN	DS	S.Sadler	27/11/2023	12:40	1	1	BRF	6.42 m
53	1	SVPB	FW7A	US	S.Sadler	27/11/2023	12:40	1	1	OCF, STACK	10.68 m
54	1	FW7A	FW7B	DS	S.Sadler	27/11/2023	12:40	1	1	ICF	2.34 m
55	1	FW7B	FW7	DS	S.Sadler	27/11/2023	12:40	1	1	ICF	1.31 m
56	1	SVPA	FW7B	US	S.Sadler	27/11/2023	12:41	1	1	OCF, STACK	9.95 m
57	1	FW12	FW5	US	S.Sadler	27/11/2023	12:41	1	1	ICF	9.60 m
58	1	SVPA	FW8A	US	S.Sadler	27/11/2023	12:41	1	1	OCF, STACK	8.47 m
59	1	FW8A	FW8B	DS	S.Sadler	27/11/2023	12:41	1	1	ICF	3.94 m
60	1	SVPA	FW8B	US	S.Sadler	27/11/2023	12:41	1	1	OCF, STACK	10.01 m
61	1	FW8B	FW8	DS	S.Sadler	27/11/2023	12:41	1	1	ICF	1.46 m
62	1	SW32	SW7	DS	S.Sadler	27/11/2023	12:41	1	1	MHF	4.16 m

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Project Summary

Project Name	Project Number	Project Date
Q107 Kelly Contracting		21/11/2023

Pipe No.	Insp. No.	Upstream Node	Downstream Node	Dir.	Operator	Insp. Date	Insp. Time	Str	Ser	Final Observation	Length
63	1	SW31	SW32	US	S.Sadler	27/11/2023	12:41	1	1	ICF	6.28 m
64	1	RWP1	SW32	US	S.Sadler	27/11/2023	12:41	1	1	OCF, STACK	3.61 m
65	1	RWP2	SW32	US	S.Sadler	27/11/2023	12:41	1	1	OCF, STACK	2.30 m
66	1	FW8	FW9	US	S.Sadler	27/11/2023	12:41	1	1	ICF	4.61 m
67	1	SW29	SW30CP	US	S.Sadler	27/11/2023	12:41	1	1	ICF	21.17 m
68	1	SW26	SW28	US	S.Sadler	27/11/2023	14:12	1	1	MHF	11.01 m
69	1	SW30CP	SW7	DS	S.Sadler	27/11/2023	14:16	1	1	MHF	4.84 m
70	1	SW28	SW30CP	US	S.Sadler	27/11/2023	14:20	1	1	MHF	4.16 m
71	1	SW6CP	SW7	US	S.Sadler	27/11/2023	14:30	1	2	CPF	23.10 m
72	1	SW7	SW8	DS	S.Sadler	27/11/2023	14:27	1	1	MHF	2.17 m
73	1	FW13	FW14	US	S.Sadler	04/10/2023	9:57	1	1	ICF, DEBRIS REMOVED AFTER SURVEY	13.38 m
74	1	FW14	EX 2802	DS	S.Sadler	04/10/2023	9:59	1	1	MHF	5.01 m
75	1	FWP109	FW14	US	S.Sadler	04/10/2023	10:48	1	1	ICF	42.82 m
76	1	FWP109A	FWP109	US	S.Sadler	04/10/2023	10:53	1	1	ICF	4.10 m
77	1	SW 13	SW14CP	US	S.Sadler	04/10/2023	11:16	1	1	ICF	10.11 m
78	1	SW 12	SW 13	US	S.Sadler	04/10/2023	11:18	1	1	ICF	14.78 m
79	1	SW 11	SW 12	US	S.Sadler	04/10/2023	11:21	1	1	ICF	24.74 m
80	1	SW 14CP	SW 5	DS	S.Sadler	04/10/2023	11:31	1	1	MHF, MANHOLE IN VIEW	1.41 m
81	1	SW 5	SW 6CP	DS	S.Sadler	04/10/2023	12:10	1	1	MHF	17.88 m
82	1	SW 4	SW 5	US	S.Sadler	04/10/2023	12:18	1	1	MHF	15.79 m
83	1	SW 3 CP	SW 4	US	S.Sadler	04/10/2023	12:19	1	1	CPF	13.26 m
84	1	FW 1D	FW 13	US	S.Sadler	04/10/2023	12:31	1	1	ICF	16.88 m
85	1	SW10	SW 3 CP	US	S.Sadler	04/10/2023	13:22	1	1	MHF	17.88 m
86	1	SW 2CP	SW 3 CP	US	S.Sadler	04/10/2023	13:26	1	1	MHF	19.25 m
87	1	SW1	SW 2CP	US	S.Sadler	04/10/2023	14:07	1	1	MHF	19.70 m
88	1	SW 3A	MAIN	DS	S.Sadler	04/10/2023	14:31	1	1	BRF	3.30 m
89	1	SS	FW 2D	US	S.Sadler	04/10/2023	14:31	1	1	OCF, STACK	5.83 m
90	1	A	FW 2D	US	S.Sadler	04/10/2023	14:31	1	1	OCF, STACK	2.27 m
91	1	FW 2D	FW 3D	DS	S.Sadler	04/10/2023	14:31	1	1	ICF	3.72 m
92	1	A	FW 3D	US	S.Sadler	04/10/2023	14:31	1	1	OCF, STACK	2.55 m
93	1	B	FW 3D	US	S.Sadler	04/10/2023	14:31	1	1	OCF, STACK	4.78 m
94	1	FW 3D	FW 5D	DS	S.Sadler	04/10/2023	14:31	1	1	ICF	2.63 m

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Project Summary

Project Name	Project Number	Project Date
Q107 Kelly Contracting		21/11/2023

Pipe No.	Insp. No.	Upstream Node	Downstream Node	Dir.	Operator	Insp. Date	Insp. Time	Str	Ser	Final Observation	Length
95	1	A	FW 5D	US	S.Sadler	04/10/2023	14:31	1	1	OCF, STACK	2.31 m
96	1	B	FW 5D	US	S.Sadler	04/10/2023	14:31	1	1	OCF, STACK	4.71 m
97	1	FW 5D	FW 6D	DS	S.Sadler	04/10/2023	14:31	1	1	ICF	4.74 m
98	1	A	FW 6D	US	S.Sadler	04/10/2023	14:31	1	1	OCF, STACK	2.75 m
99	1	B	FW 6D	US	S.Sadler	04/10/2023	14:31	1	1	OCF, STACK	4.76 m
100	1	FW9	EX3	DS	S.Sadler	13/12/2023	11:40	1	1	MHF	20.08 m
101	1	SW8	EX3	DS	S.Sadler	13/12/2023	11:40	3	2	MHF	21.69 m
102	1	ACO	SW18	US	S.Sadler	13/12/2023	11:40	1	1	OCF, ACO	2.25 m
103	1	RWPA	SW18	US	S.Sadler	13/12/2023	11:40	1	1	OCF, RWP	2.85 m
104	1	RWPB	SW18	US	S.Sadler	13/12/2023	11:40	1	1	OCF, RWP	9.37 m
105	1	SW18	SW19CP	DS	S.Sadler	13/12/2023	11:40	1	1	CPF	3.17 m
106	1	SW19CP	SW20CP	DS	S.Sadler	13/12/2023	11:40	1	1	CPF	5.75 m
107	1	SW15	SW16	US	S.Sadler	13/12/2023	11:40	1	1	MHF, CAPPED OFF	28.83 m
108	1	ACO	SW16	US	S.Sadler	13/12/2023	11:40	1	1	OCF, ACO	0.63 m
										Total:	**899.22 m**

Inspection Summary by Profile

Profile	Total Length	No. Inspections
Circular 100mm	11.88 m	
Circular 100mm	1.72 m	
Circular 100mm	7.26 m	
Circular 100mm	9.84 m	
Circular 100mm	8.09 m	
Circular 100mm	17.11 m	
Circular 100mm	4.29 m	
Circular 100mm	7.53 m	
Circular 100mm	10.23 m	
Circular 100mm	8.06 m	
Circular 100mm	9.97 m	
Circular 100mm	1.74 m	
Circular 100mm	7.36 m	
Circular 100mm	9.72 m	
Circular 100mm	0.57 m	
Circular 100mm	8.13 m	
Circular 100mm	0.69 m	

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Project Summary

Project Name	Project Number	Project Date
Q107 Kelly Contracting		21/11/2023

Profile	Total Length	No. Inspections
Circular 100mm	9.30 m	
Circular 100mm	9.54 m	
Circular 100mm	6.62 m	
Circular 100mm	8.92 m	
Circular 100mm	5.26 m	
Circular 100mm	5.41 m	
Circular 100mm	4.05 m	
Circular 100mm	7.51 m	
Circular 100mm	7.41 m	
Circular 100mm	2.09 m	
Circular 100mm	2.96 m	
Circular 100mm	7.92 m	
Circular 100mm	7.31 m	
Circular 100mm	2.03 m	
Circular 100mm	4.19 m	
Circular 100mm	5.99 m	
Circular 100mm	8.20 m	
Circular 100mm	5.63 m	
Circular 100mm	7.83 m	
Circular 100mm	8.92 m	
Circular 100mm	1.73 m	
Circular 100mm	8.47 m	
Circular 100mm	10.68 m	
Circular 100mm	2.34 m	
Circular 100mm	1.31 m	
Circular 100mm	9.95 m	
Circular 100mm	9.60 m	
Circular 100mm	8.47 m	
Circular 100mm	3.94 m	
Circular 100mm	10.01 m	
Circular 100mm	1.46 m	
Circular 100mm	4.16 m	
Circular 100mm	6.28 m	
Circular 100mm	3.61 m	
Circular 100mm	2.30 m	
Circular 100mm	13.38 m	
Circular 100mm	42.82 m	
Circular 100mm	4.10 m	
Circular 100mm	16.88 m	
Circular 100mm	3.30 m	
Circular 100mm	5.83 m	
Circular 100mm	2.27 m	
Circular 100mm	3.72 m	
Circular 100mm	2.55 m	
Circular 100mm	4.78 m	

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Project Summary

Project Name	Project Number	Project Date
Q107 Kelly Contracting		21/11/2023

Profile		Total Length	No. Inspections
Circular 100mm		2.63 m	
Circular 100mm		2.31 m	
Circular 100mm		4.71 m	
Circular 100mm		4.74 m	
Circular 100mm		2.75 m	
Circular 100mm		4.76 m	
Circular 100mm		20.08 m	
Circular 100mm		2.85 m	
Circular 100mm		0.63 m	
Circular 100mm	=	480.68 m	71
Circular 150mm		19.54 m	
Circular 150mm		8.86 m	
Circular 150mm		5.34 m	
Circular 150mm		7.50 m	
Circular 150mm		0.96 m	
Circular 150mm		15.39 m	
Circular 150mm		4.84 m	
Circular 150mm		9.50 m	
Circular 150mm		9.68 m	
Circular 150mm		1.52 m	
Circular 150mm		6.42 m	
Circular 150mm		4.61 m	
Circular 150mm		21.17 m	
Circular 150mm		2.17 m	
Circular 150mm		5.01 m	
Circular 150mm		24.74 m	
Circular 150mm		17.88 m	
Circular 150mm		21.69 m	
Circular 150mm		2.25 m	
Circular 150mm		9.37 m	
Circular 150mm		3.17 m	
Circular 150mm		5.75 m	
Circular 150mm		28.83 m	
Circular 150mm	=	236.19 m	23
Circular 225mm		5.02 m	
Circular 225mm		10.11 m	
Circular 225mm		14.78 m	
Circular 225mm		1.41 m	
Circular 225mm		15.79 m	
Circular 225mm		13.26 m	
Circular 225mm		17.88 m	
Circular 225mm		19.25 m	
Circular 225mm		19.70 m	

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Project Summary

Project Name	Project Number	Project Date
Q107 Kelly Contracting		21/11/2023

Profile		Total Length	No. Inspections
Circular 225mm	=	117.20 m	9
Circular 300mm		22.04 m	
Circular 300mm		11.01 m	
Circular 300mm		4.84 m	
Circular 300mm		4.16 m	
Circular 300mm		23.10 m	
Circular 300mm	=	65.15 m	5
Total	**=**	**899.22 m**	**108**

Defect Summary

				CCTV Drainage Survey Observation Count																			
				General				Structural Condition									Service Condition						Misc	
Sect. No.	Insp. No.	Upstream Node	Downstream Node	Insp. Length (m)	No. Grade 4/5 Obs.	Survey Abandoned	Camera Under Water	Cracks	Fractures	Broken	Deformed	Collapsed	Holes	Surface Damage	Displaced Joints	Open Joints	Roots	Infiltration	Encrustation	Silt	Grease	Obstruction	Water Level	Line Deviates
1	1	FW6D	FW11	11.9																			1	2
2	1	FW10A	FW10	1.7																			1	
3	1	FW10	FW11	7.3																			1	1
4	1	SVPA	FW10A	9.8																			1	1
5	1	SVPB	FW10A	8.1																			1	1
6	1	FW11	FW12	17.1																			1	
7	1	FW10B	MAIN	4.3																			1	
8	1	SVPA	FW10B	7.5																			1	1
9	1	SVPB	FW10B	10.2	1					1													1	1
10	1	SVPA	FW1A	8.1																			3	2
11	1	SVPB	FW1A	10.0																			1	1
12	1	FW1A	FW1	1.7																			1	
13	1	SW20CP	SW23	19.5																			1	
14	1	SW23	SW24	5.0																			1	
15	1	FW1	FW2	8.9																			1	
16	1	FW2	FW3	5.3																			1	

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Project Summary

Project Name	Project Number	Project Date
Q107 Kelly Contracting		21/11/2023

Sect. No.	Insp. No.	Upstream Node	Downstream Node	Insp. Length (m)	No. Grade 4/5 Obs.	Survey Abandoned	Camera Under Water	Cracks	Fractures	Broken	Deformed	Collapsed	Holes	Surface Damage	Displaced Joints	Open Joints	Roots	Infiltration	Encrustation	Silt	Grease	Obstruction	Water Level	Line Deviates
17	1	FW3	FW4	7.5																			3	
18	1	SVPA	FW1B	7.4																			1	2
19	1	SVPB	FW1B	9.7																			1	3
20	1	FW1B	FW1	0.6																			1	1
21	1	SVPA	FW1C	8.1																			1	1
22	1	FW1C	MAIN	0.7																			1	3
23	1	SVPA	FW1D	9.3																			1	1
24	1	FW1D	FW1	9.5																			1	
25	1	SVPA	FW2A	6.6																			1	1
26	1	SVPB	FW2A	8.9																			1	2
27	1	SVPC	FW2A	5.3																			1	1
28	1	FW2A	FW2	5.4																			1	
29	1	SW17	SW24	1.0																			1	
30	1	SW16	SW17	15.4																			1	2
31	1	SW24	SW26	22.0																			1	1
32	1	FW3A	FW3	4.1																			1	
33	1	SVPA	FW3A	7.5																			1	1
34	1	SVPB	FW3A	7.4																			1	1
35	1	SVPC	FW3A	2.1																			1	1
36	1	FW4A	FW4	3.0																			1	
37	1	SVPA	FW4A	7.9																			1	1
38	1	SVPB	FW4A	7.3																			1	1
39	1	SVPC	FW4A	2.0																			1	1
40	1	FW4B	FW4	4.2																			1	
41	1	SVPA	FW4B	6.0																			1	1
42	1	SVPB	FW4B	8.2																			1	1
43	1	SVPC	FW4B	5.6																			1	1
44	1	FW5A	FW5	7.8																			1	
45	1	SVPA	FW5A	8.9																			3	1
46	1	SVPB	FW5A	1.7																			1	1

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Project Summary

Project Name	Project Number	Project Date
Q107 Kelly Contracting		21/11/2023

Sect. No.	Insp. No.	Upstream Node	Downstream Node	Insp. Length (m)	No. Grade 4/5 Obs.	Survey Abandoned	Camera Under Water	Cracks	Fractures	Broken	Deformed	Collapsed	Holes	Surface Damage	Displaced Joints	Open Joints	Roots	Infiltration	Encrustation	Silt	Grease	Obstruction	Water Level	Line Deviates
47	1	FW4	FW5	4.8																			1	
48	1	FW5	FW7	9.5																			1	
49	1	FW7	FW8	9.7																			3	
50	1	SVPA	FW7A	8.5																			1	2
51	**1**	**RWP**	**SW26A**	**1.5**		**1**																	**1**	**2**
52	1	SW26A	MAIN	6.4																			1	1
53	1	SVPB	FW7A	10.7																			1	2
54	1	FW7A	FW7B	2.3																			1	1
55	1	FW7B	FW7	1.3																			1	1
56	1	SVPA	FW7B	10.0																			1	1
57	1	FW12	FW5	9.6																			2	
58	1	SVPA	FW8A	8.5																			1	1
59	1	FW8A	FW8B	3.9																			1	2
60	1	SVPA	FW8B	10.0																			1	1
61	1	FW8B	FW8	1.5																			1	
62	1	SW32	SW7	4.2																			2	
63	1	SW31	SW32	6.3																			1	
64	1	RWP1	SW32	3.6																			1	2
65	1	RWP2	SW32	2.3																			1	2
66	1	FW8	FW9	4.6																			2	
67	1	SW29	SW30CP	21.2																			3	
68	1	SW26	SW28	11.0																			1	
69	1	SW30CP	SW7	4.8																			1	
70	1	SW28	SW30CP	4.2																			1	
71	1	SW6CP	SW7	23.1																			1	1
72	1	SW7	SW8	2.2																			1	
73	1	FW13	FW14	13.4																			1	
74	1	FW14	EX 2802	5.0																			1	
75	1	FWP109	FW14	42.8																			4	
76	1	FWP109A	FWP109	4.1																			1	1

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Project Summary

Project Name	Project Number	Project Date
Q107 Kelly Contracting		21/11/2023

Sect. No.	Insp. No.	Upstream Node	Downstream Node	Insp. Length (m)	No. Grade 4/5 Obs.	Survey Abandoned	Camera Under Water	Cracks	Fractures	Broken	Deformed	Collapsed	Holes	Surface Damage	Displaced Joints	Open Joints	Roots	Infiltration	Encrustation	Silt	Grease	Obstruction	Water Level	Line Deviates
77	1	SW 13	SW14CP	10.1																			2	1
78	1	SW 12	SW 13	14.8																			1	
79	1	SW 11	SW 12	24.7																			1	
80	1	SW 14CP	SW 5	1.4																			1	
81	1	SW 5	SW 6CP	17.9																			4	
82	1	SW 4	SW 5	15.8																			1	
83	1	SW 3 CP	SW 4	13.3																			1	
84	1	FW 1D	FW 13	16.9																			1	2
85	1	SW10	SW 3 CP	17.9																			1	
86	1	SW 2CP	SW 3 CP	19.3																			1	
87	1	SW1	SW 2CP	19.7																			1	
88	1	SW 3A	MAIN	3.3																			1	2
89	1	SS	FW 2D	5.8																			1	3
90	1	A	FW 2D	2.3																			1	2
91	1	FW 2D	FW 3D	3.7																			1	
92	1	A	FW 3D	2.6																			1	1
93	1	B	FW 3D	4.8																			1	2
94	1	FW 3D	FW 5D	2.6																			1	
95	1	A	FW 5D	2.3																			1	1
96	1	B	FW 5D	4.7																			1	2
97	1	FW 5D	FW 6D	4.7																			1	
98	1	A	FW 6D	2.8																			1	2
99	1	B	FW 6D	4.8																			1	4
100	1	FW9	EX3	20.1																			2	1
101	1	SW8	EX3	21.7																			1	2
102	1	ACO	SW18	2.3																			1	1
103	1	RWPA	SW18	2.9																			1	1
104	1	RWPB	SW18	9.4																			1	3
105	1	SW18	SW19CP	3.2																			1	
106	1	SW19CP	SW20CP	5.8																			1	

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Project Summary

Project Name	Project Number	Project Date
Q107 Kelly Contracting		21/11/2023

Sect. No.	Insp. No.	Upstream Node	Downstream Node	Insp. Length (m)	No. Grade 4/5 Obs.	Survey Abandoned	Camera Under Water	Cracks	Fractures	Broken	Deformed	Collapsed	Holes	Surface Damage	Displaced Joints	Open Joints	Roots	Infiltration	Encrustation	Silt	Grease	Obstruction	Water Level	Line Deviates
107	1	SW15	SW16	28.8																			1	
108	1	ACO	SW16	0.6																			1	1
			Total:	**899.2**	**1**	**1**																	**129**	**90**

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Section Inspection - 21/11/2023 - FW6DX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
1	1	21/11/23	13:15	Not Specified	No Rain Or Snow	Yes	FW6DX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW6D
Road:	Polesworth Close	**Inspected Length:**	11.88 m	**Upstream Pipe Depth:**	1.050 m
Location:	Gardens (private)	**Total Length:**	11.88 m	**Downstream Node:**	FW11
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:103

Depth: 1.05 m
FW6D



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: FW6D	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
2.96	LD	Line deviates down	00:00:17		
6.05	LR	Line deviates right	00:00:29		
11.88	JN	Junction at 6 o'clock, 100mm dia: DROP SHAFT	00:00:52		
11.88	MHF	Finish node, manhole, reference: FW11	00:00:54		

FW11
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

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Section Inspection - 21/11/2023 - FW10AX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
2	1	21/11/23	13:15	Not Specified	No Rain Or Snow	Yes	FW10AX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW10A
Road:	Polesworth Close	**Inspected Length:**	1.72 m	**Upstream Pipe Depth:**	0.710 m
Location:	Gardens (private)	**Total Length:**	1.72 m	**Downstream Node:**	FW10
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.71 m **FW10A**					
0.00	IC	Start node, inspection chamber, reference: FW10A	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
1.72	ICF	Finish node, inspection chamber, reference: FW10	00:00:15		
FW10 **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

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Section Inspection - 21/11/2023 - FW10X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
3	1	21/11/23	13:15	Not Specified	No Rain Or Snow	Yes	FW10X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW10
Road:	Polesworth Close	**Inspected Length:**	7.26 m	**Upstream Pipe Depth:**	0.720 m
Location:	Gardens (private)	**Total Length:**	7.26 m	**Downstream Node:**	FW11
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:63



Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.72 m					
FW10					
0.00	IC	Start node, inspection chamber, reference: FW10	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
0.00	LR	Line deviates right	00:00:05		
4.51	JN	Junction at 3 o'clock, 100mm dia	00:00:25		
7.26	JN	Junction at 6 o'clock, 100mm dia: DROP SHAFT	00:00:37		
7.26	MHF	Finish node, manhole, reference: FW11	00:00:37		
FW11					
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

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Section Inspection - 21/11/2023 - SVPAX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
4	1	21/11/23	13:15	Not Specified	No Rain Or Snow	Yes	SVPAX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVPA
Road:	Polesworth Close	**Inspected Length:**	9.84 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	9.84 m	**Downstream Node:**	FW10A
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0.690 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:86



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW10A	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
9.30	LU	Line deviates up	00:00:41		
9.84	OCF	Finish node, other special chamber, reference: SVPA: STACK	00:00:48		

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

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Section Inspection - 21/11/2023 - SVPBX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
5	1	21/11/23	13:16	Not Specified	No Rain Or Snow	Yes	SVPBX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVPB
Road:	Polesworth Close	**Inspected Length:**	8.09 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	8.09 m	**Downstream Node:**	FW10A
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0.650 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:71



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW10A	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
7.71	LU	Line deviates up	00:00:31		
8.09	OCF	Finish node, other special chamber, reference: SVPB: STACK	00:00:38		

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

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Section Inspection - 21/11/2023 - FW11X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
6	1	21/11/23	13:16	Not Specified	No Rain Or Snow	Yes	FW11X

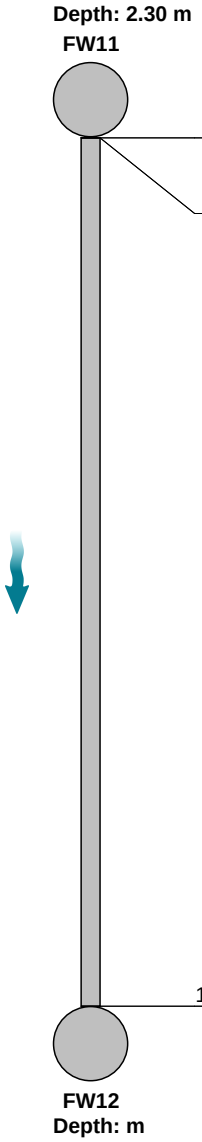
Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW11
Road:	Polesworth Close	**Inspected Length:**	17.11 m	**Upstream Pipe Depth:**	2.300 m
Location:	Gardens (private)	**Total Length:**	17.11 m	**Downstream Node:**	FW12
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:149



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: FW11	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
17.11	MHF	Finish node, manhole, reference: FW12	00:01:27		

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

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Section Inspection - 21/11/2023 - FW10BX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
7	1	21/11/23	13:16	Not Specified	No Rain Or Snow	Yes	FW10BX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW10B
Road:	Polesworth Close	**Inspected Length:**	4.29 m	**Upstream Pipe Depth:**	0.730 m
Location:	Gardens (private)	**Total Length:**	4.29 m	**Downstream Node:**	MAIN
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50

Depth: 0.73 m
FW10B



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW10B	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
4.29	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:25		

MAIN
Depth: m

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	**STR Peak**	**STR Mean**	**STR Total**	**STR Grade**	**SER No. Def**	**SER Peak**	**SER Mean**	**SER Total**	**SER Grade**
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

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Section Inspection - 21/11/2023 - SVPAX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
8	1	21/11/23	13:16	Not Specified	No Rain Or Snow	Yes	SVPAX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVPA
Road:	Polesworth Close	**Inspected Length:**	7.53 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	7.53 m	**Downstream Node:**	FW10B
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0.690 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:66

Position [m]	Code	Observation	MPEG	Photo	Grade
		Depth: 0.69 m			
		FW10B			
0.00	IC	Start node, inspection chamber, reference: FW10B	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
7.09	LU	Line deviates up	00:00:31		
7.53	OCF	Finish node, other special chamber, reference: SVPA: STACK	00:00:37		
		SVPA			
		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

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Section Inspection - 21/11/2023 - SVPBX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
9	1	21/11/23	13:16	Not Specified	No Rain Or Snow	Yes	SVPBX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVPB
Road:	Polesworth Close	**Inspected Length:**	10.23 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	10.23 m	**Downstream Node:**	FW10B
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0.670 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:89



Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.67 m **FW10B**					
0.00	IC	Start node, inspection chamber, reference: FW10B	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
9.69	LU	Line deviates up	00:00:41		
10.23	BJ	Broken pipe at joint from 4 o'clock to 5 o'clock: SMALL PEACE OF PLASTIC STICKING OUT AY JOINT	00:01:04	9_SVPB_FW10B.jpg	4
10.23	OCF	Finish node, other special chamber, reference: SVPB: STACK	00:01:04		
SVPB **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**
1	80.0	7.8	80.0	4.0	0	0.0	0.0	0.0	1.0

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Section Pictures - 21/11/2023 - SVPBX

Item No.	Inspection Direction	PLR	Client`s Job Ref	Contractor`s Job Ref
9	Upstream	SVPBX		



9_SVPB_FW10B.jpg, 00:01:04, 10.23 m
Broken pipe at joint from 4 o'clock to 5 o'clock, SMALL PEACE OF PLASTIC STICKING OUT AY JOINT

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Section Inspection - 21/11/2023 - SVPAX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
10	1	21/11/23	13:16	Not Specified	No Rain Or Snow	Yes	SVPAX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVPA
Road:	Polesworth Close	**Inspected Length:**	8.06 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	8.06 m	**Downstream Node:**	FW1A
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0.810 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:70



Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.81 m **FW1A**					
0.00	IC	Start node, inspection chamber, reference: FW1A	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
0.00	LR	Line deviates right	00:00:04		
1.85	JN	Junction at 9 o'clock, 100mm dia	00:00:15		
1.85	WL	Water level, 10% of the vertical dimension	00:00:15		
3.03	WL	Water level, 5% of the vertical dimension	00:00:21		
7.59	LU	Line deviates up	00:00:40		
8.06	OCF	Finish node, other special chamber, reference: SVPA: STACK	00:00:46		
SVPA **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

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Section Inspection - 21/11/2023 - SVPBX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
11	1	21/11/23	13:16	Not Specified	No Rain Or Snow	Yes	SVPBX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVPB
Road:	Polesworth Close	**Inspected Length:**	9.97 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	9.97 m	**Downstream Node:**	FW1A
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0.750 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**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
0.00	IC	Start node, inspection chamber, reference: FW1A	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
9.58	LU	Line deviates up	00:00:38		
9.97	OCF	Finish node, other special chamber, reference: SVPB: STACK	00:00:43		

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

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Section Inspection - 21/11/2023 - FW1AX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
12	1	21/11/23	13:16	Not Specified	No Rain Or Snow	Yes	FW1AX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW1A
Road:	Polesworth Close	**Inspected Length:**	1.74 m	**Upstream Pipe Depth:**	0.830 m
Location:	Gardens (private)	**Total Length:**	1.74 m	**Downstream Node:**	FW1
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.83 m **FW1A**					
0.00	IC	Start node, inspection chamber, reference: FW1A	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
1.74	JN	Junction at 6 o'clock, 100mm dia: DROP SHAFT	00:00:14		
1.74	MHF	Finish node, manhole, reference: FW1	00:00:19		
FW1 **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

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Section Inspection - 21/11/2023 - SW20CPX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
13	1	21/11/23	13:16	Not Specified	No Rain Or Snow	Yes	SW20CPX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW20CP
Road:	Polesworth Close	**Inspected Length:**	19.54 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	19.54 m	**Downstream Node:**	SW23
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	1.780 m

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**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: 1.78 m **SW23**					
0.00	MH	Start node, manhole, reference: SW23	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
19.54	CPF	Finish node, catchpit, reference: SW20CP	00:01:35		
SW20CP **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

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Section Inspection - 21/11/2023 - SW23X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
14	1	21/11/23	13:16	Not Specified	No Rain Or Snow	Yes	SW23X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW23
Road:	Polesworth Close	**Inspected Length:**	5.02 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	5.02 m	**Downstream Node:**	SW24
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	1.860 m

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	225 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 1.86 m						
SW24						
	0.00	MH	Start node, manhole, reference: SW24	00:00:00		
	0.00	WL	Water level, 5% of the vertical dimension			
	5.02	MHF	Finish node, manhole, reference: SW23	00:00:24		
SW23						
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

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Section Inspection - 21/11/2023 - FW1X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
15	1	21/11/23	13:16	Not Specified	No Rain Or Snow	Yes	FW1X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	FW1
Road:	Polesworth Close	**Inspected Length:**	8.86 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	8.86 m	**Downstream Node:**	FW2
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	2.150 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:77



Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 2.15 m **FW2**					
0.00	MH	Start node, manhole, reference: FW2	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
8.86	MHF	Finish node, manhole, reference: FW1	00:00:46		
FW1 **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**
1	1.0	0.1	1.0	1.0	0	0.0	0.0	0.0	1.0

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Section Inspection - 21/11/2023 - FW2X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
16	1	21/11/23	13:16	Not Specified	No Rain Or Snow	Yes	FW2X

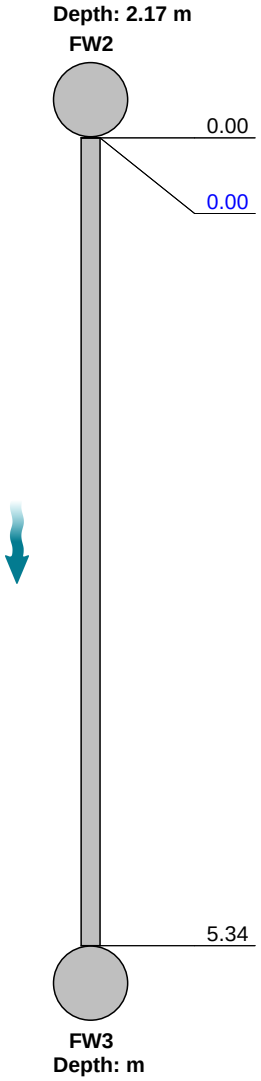
Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW2
Road:	Polesworth Close	**Inspected Length:**	5.34 m	**Upstream Pipe Depth:**	2.170 m
Location:	Gardens (private)	**Total Length:**	5.34 m	**Downstream Node:**	FW3
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: FW2	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
5.34	MHF	Finish node, manhole, reference: FW3	00:00:33		

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

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Section Inspection - 21/11/2023 - FW3X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
17	1	21/11/23	13:16	Not Specified	No Rain Or Snow	Yes	FW3X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW3
Road:	Polesworth Close	**Inspected Length:**	7.50 m	**Upstream Pipe Depth:**	2.190 m
Location:	Gardens (private)	**Total Length:**	7.50 m	**Downstream Node:**	FW4
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**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: 2.19 m					
FW3					
0.00	MH	Start node, manhole, reference: FW3	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
3.50	WL	Water level, 10% of the vertical dimension	00:00:23		
5.54	WL	Water level, 20% of the vertical dimension	00:00:31		
7.50	MHF	Finish node, manhole, reference: FW4	00:00:42		
FW4					
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

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Section Inspection - 21/11/2023 - SVPAX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
18	1	21/11/23	13:16	Not Specified	No Rain Or Snow	Yes	SVPAX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVPA
Road:	Polesworth Close	**Inspected Length:**	7.36 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	7.36 m	**Downstream Node:**	FW1B
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	1.170 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:64



Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 1.17 m **FW1B**					
0.00	IC	Start node, inspection chamber, reference: FW1B	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
3.58	JN	Junction at 9 o'clock, 100mm dia	00:00:21		
6.84	LU	Line deviates up	00:00:32		
7.36	LU	Line deviates up	00:00:36		
7.36	OCF	Finish node, other special chamber, reference: SVPA: STACK	00:00:39		
SVPA **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

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Section Inspection - 21/11/2023 - SVPBX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
19	1	21/11/23	13:16	Not Specified	No Rain Or Snow	Yes	SVPBX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVPB
Road:	Polesworth Close	**Inspected Length:**	9.72 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	9.72 m	**Downstream Node:**	FW1B
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	1.190 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:85

Depth: 1.19 m
FW1B



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW1B	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
6.38	LU	Line deviates up	00:00:27		
7.31	JN	Junction at 3 o'clock, 100mm dia	00:00:34		
7.69	LU	Line deviates up	00:00:37		
9.29	LU	Line deviates up	00:00:44		
9.72	OCF	Finish node, other special chamber, reference: SVPB: STACK	00:00:49		

SVPB
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

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Section Inspection - 21/11/2023 - FW1BX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
20	1	21/11/23	13:16	Not Specified	No Rain Or Snow	Yes	FW1BX

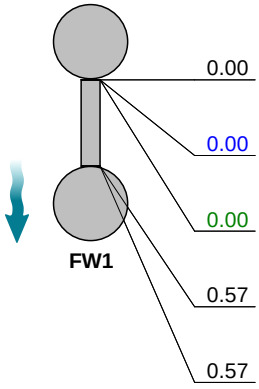
Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW1B
Road:	Polesworth Close	**Inspected Length:**	0.57 m	**Upstream Pipe Depth:**	1.210 m
Location:	Gardens (private)	**Total Length:**	0.57 m	**Downstream Node:**	FW1
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW1B	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
0.00	LD	Line deviates down	00:00:05		
0.57	JN	Junction at 6 o'clock, 100mm dia: DROP SHAFT	00:00:12		
0.57	MHF	Finish node, manhole, reference: FW1	00:00:15		

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

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Section Inspection - 21/11/2023 - SVPAX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
21	1	21/11/23	13:16	Not Specified	No Rain Or Snow	Yes	SVPAX

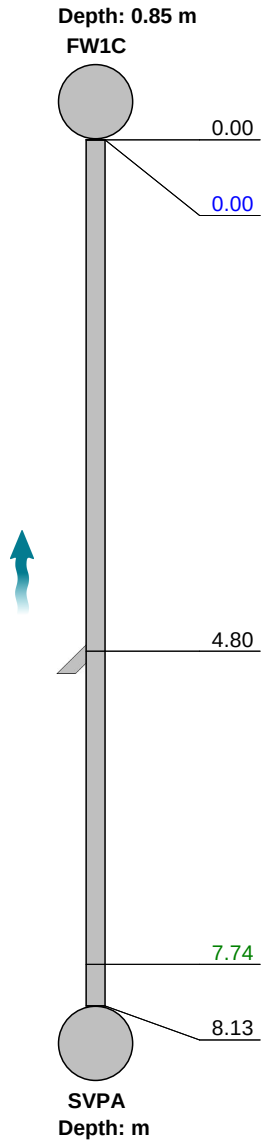
Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVPA
Road:	Polesworth Close	**Inspected Length:**	8.13 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	8.13 m	**Downstream Node:**	FW1C
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0.850 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:71



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW1C	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
4.80	JN	Junction at 3 o'clock, 100mm dia	00:00:23		
7.74	LU	Line deviates up	00:00:38		
8.13	OCF	Finish node, other special chamber, reference: SVPA: STACK	00:00:42		

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

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Section Inspection - 21/11/2023 - FW1CX

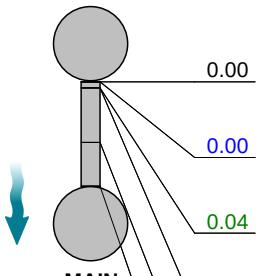
Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
22	1	21/11/23	13:16	Not Specified	No Rain Or Snow	Yes	FW1CX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW1C
Road:	Polesworth Close	**Inspected Length:**	0.69 m	**Upstream Pipe Depth:**	0.870 m
Location:	Gardens (private)	**Total Length:**	0.69 m	**Downstream Node:**	MAIN
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:



Scale: 1:50 Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW1C	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
0.04	LR	Line deviates right	00:00:07		
0.04	LD	Line deviates down	00:00:07		
0.40	LL	Line deviates left	00:00:09		
0.69	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:13		

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

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Section Inspection - 21/11/2023 - SVPAX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
23	1	21/11/23	13:17	Not Specified	No Rain Or Snow	Yes	SVPAX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVPA
Road:	Polesworth Close	**Inspected Length:**	9.30 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	9.30 m	**Downstream Node:**	FW1D
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	1.170 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:81



Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 1.17 m **FW1D**					
0.00	IC	Start node, inspection chamber, reference: FW1D	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
8.23	JN	Junction at 3 o'clock, 100mm dia	00:00:44		
8.82	LU	Line deviates up	00:00:48		
9.30	OCF	Finish node, other special chamber, reference: SVPA: STACK	00:00:56		
SVPA **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

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Section Inspection - 21/11/2023 - FW1DX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
24	1	21/11/23	13:17	Not Specified	No Rain Or Snow	Yes	FW1DX

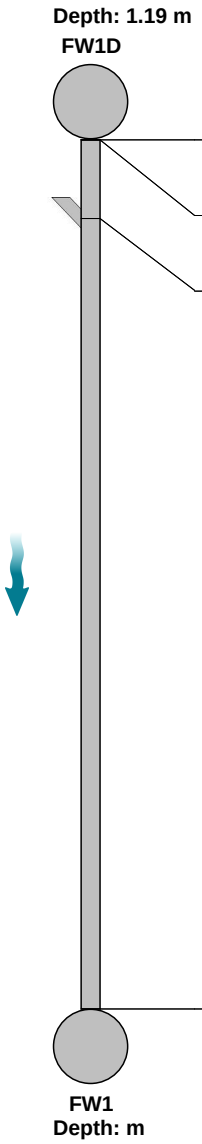
Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW1D
Road:	Polesworth Close	**Inspected Length:**	9.54 m	**Upstream Pipe Depth:**	1.190 m
Location:	Gardens (private)	**Total Length:**	9.54 m	**Downstream Node:**	FW1
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:83



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW1D	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
0.87	JN	Junction at 3 o'clock, 100mm dia	00:00:10		
9.54	MHF	Finish node, manhole, reference: FW1	00:00:44		

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

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Section Inspection - 21/11/2023 - SVPAX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
25	1	21/11/23	15:42	Not Specified	No Rain Or Snow	Yes	SVPAX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVPA
Road:	Polesworth Close	**Inspected Length:**	6.62 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	6.62 m	**Downstream Node:**	FW2A
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0.800 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:58



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW2A	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
5.93	LU	Line deviates up	00:00:23		
6.62	OCF	Finish node, other special chamber, reference: SVPA: STACK	00:00:29		

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

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Section Inspection - 21/11/2023 - SVPBX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
26	1	21/11/23	15:42	Not Specified	No Rain Or Snow	Yes	SVPBX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVPB
Road:	Polesworth Close	**Inspected Length:**	8.92 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	8.92 m	**Downstream Node:**	FW2A
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0.760 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:78

Depth: 0.76 m
FW2A



SVPB
Depth: m

Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW2A	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
0.97	LL	Line deviates left: SLIGHTLY	00:00:11		
8.32	LU	Line deviates up	00:00:37		
8.92	OCF	Finish node, other special chamber, reference: SVPB: STACK	00:00:43		

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

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Section Inspection - 21/11/2023 - SVPCX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
27	1	21/11/23	15:42	Not Specified	No Rain Or Snow	Yes	SVPCX

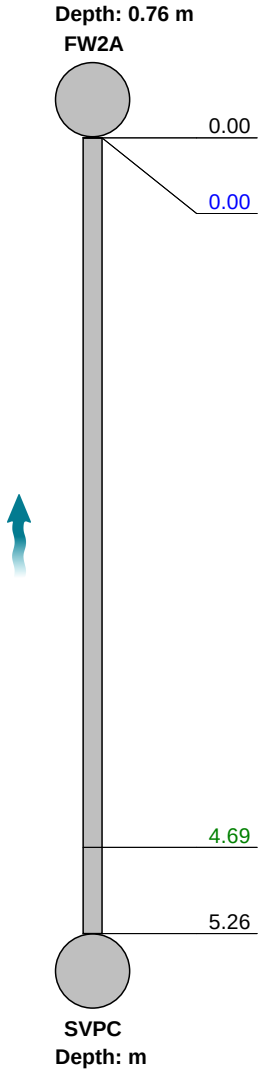
Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVPC
Road:	Polesworth Close	**Inspected Length:**	5.26 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	5.26 m	**Downstream Node:**	FW2A
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0.760 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW2A	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
4.69	LU	Line deviates up	00:00:27		
5.26	OCF	Finish node, other special chamber, reference: SVPC: STACK	00:00:36		

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

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Section Inspection - 21/11/2023 - FW2AX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
28	1	21/11/23	15:42	Not Specified	No Rain Or Snow	Yes	FW2AX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW2A
Road:	Polesworth Close	**Inspected Length:**	5.41 m	**Upstream Pipe Depth:**	0.800 m
Location:	Gardens (private)	**Total Length:**	5.41 m	**Downstream Node:**	FW2
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.80 m					
FW2A					
0.00	IC	Start node, inspection chamber, reference: FW2A	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
5.41	JN	Junction at 6 o'clock, 100mm dia: DROP SHAFT	00:00:24		
5.41	MHF	Finish node, manhole, reference: FW2	00:00:24		
FW2					
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

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Section Inspection - 21/11/2023 - SW17X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
29	1	21/11/23	15:42	Not Specified	No Rain Or Snow	Yes	SW17X

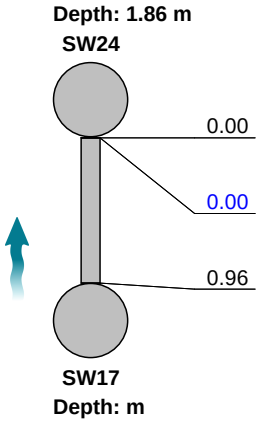
Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW17
Road:	Polesworth Close	**Inspected Length:**	0.96 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	0.96 m	**Downstream Node:**	SW24
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	1.860 m

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: SW24	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
0.96	MHF	Finish node, manhole, reference: SW17	00:00:12		

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

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Section Inspection - 21/11/2023 - SW16X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
30	1	21/11/23	15:42	Not Specified	No Rain Or Snow	Yes	SW16X

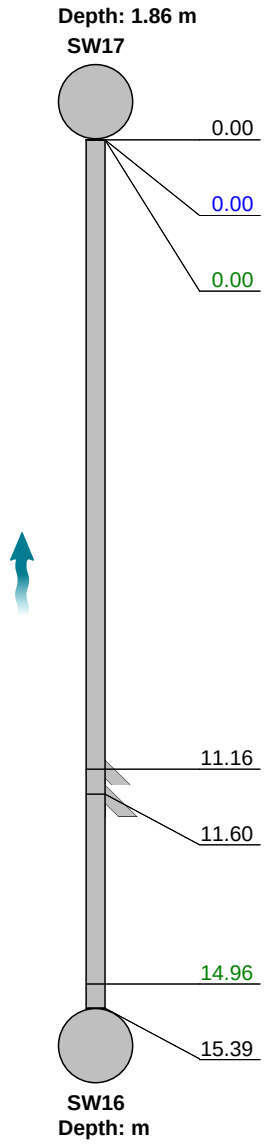
Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW16
Road:	Polesworth Close	**Inspected Length:**	15.39 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	15.39 m	**Downstream Node:**	SW17
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	1.860 m

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:134



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: SW17	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
0.00	LR	Line deviates right	00:00:04		
11.16	JN	Junction at 9 o'clock, 150mm dia	00:01:05		
11.60	JN	Junction at 9 o'clock, 150mm dia	00:01:14		
14.96	LR	Line deviates right	00:02:13		
15.39	MHF	Finish node, manhole, reference: SW16	00:02:24		

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

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Section Inspection - 21/11/2023 - SW24X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
31	1	21/11/23	15:42	Not Specified	No Rain Or Snow	Yes	SW24X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	SW24
Road:	Polesworth Close	**Inspected Length:**	22.04 m	**Upstream Pipe Depth:**	1.870 m
Location:	Gardens (private)	**Total Length:**	22.04 m	**Downstream Node:**	SW26
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	300 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:191



Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 1.87 m **SW24**					
0.00	MH	Start node, manhole, reference: SW24	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
2.12	JN	Junction at 10 o'clock, 150mm dia	00:00:14		
21.13	LR	Line deviates right	00:01:04		
22.04	MHF	Finish node, manhole, reference: SW26	00:01:10		
SW26 **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**
1	2.0	0.1	2.0	1.0	0	0.0	0.0	0.0	1.0

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Section Inspection - 21/11/2023 - FW3AX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
32	1	21/11/23	15:42	Not Specified	No Rain Or Snow	Yes	FW3AX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW3A
Road:	Polesworth Close	**Inspected Length:**	4.05 m	**Upstream Pipe Depth:**	0.810 m
Location:	Gardens (private)	**Total Length:**	4.05 m	**Downstream Node:**	FW3
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.81 m					
FW3A					
0.00	IC	Start node, inspection chamber, reference: FW3A	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
4.05	JN	Junction at 6 o'clock, 100mm dia: BACK DROP	00:00:18		
4.05	MHF	Finish node, manhole, reference: FW3	00:00:21		
FW3					
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

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Section Inspection - 21/11/2023 - SVPAX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
33	1	21/11/23	15:42	Not Specified	No Rain Or Snow	Yes	SVPAX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVPA
Road:	Polesworth Close	**Inspected Length:**	7.51 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	7.51 m	**Downstream Node:**	FW3A
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0.740 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:66



Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.74 m **FW3A**					
0.00	IC	Start node, inspection chamber, reference: FW3A	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
7.07	LU	Line deviates up	00:00:32		
7.51	OCF	Finish node, other special chamber, reference: SVPA: STACK	00:00:37		
SVPA **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

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Section Inspection - 21/11/2023 - SVPBX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
34	1	21/11/23	15:42	Not Specified	No Rain Or Snow	Yes	SVPBX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVPB
Road:	Polesworth Close	**Inspected Length:**	7.41 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	7.41 m	**Downstream Node:**	FW3A
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0.770 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**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
0.00	IC	Start node, inspection chamber, reference: FW3A	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
6.68	LU	Line deviates up	00:00:25		
7.41	OCF	Finish node, other special chamber, reference: SVPB: STACK	00:00:31		

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

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Section Inspection - 21/11/2023 - SVPCX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
35	1	21/11/23	15:42	Not Specified	No Rain Or Snow	Yes	SVPCX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVPC
Road:	Polesworth Close	**Inspected Length:**	2.09 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	2.09 m	**Downstream Node:**	FW3A
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0.770 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW3A	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
1.46	LU	Line deviates up	00:00:12		
2.09	OCF	Finish node, other special chamber, reference: SVPC: STACK	00:00:19		

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

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Section Inspection - 21/11/2023 - FW4AX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
36	1	21/11/23	15:42	Not Specified	No Rain Or Snow	Yes	FW4AX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW4A
Road:	Polesworth Close	**Inspected Length:**	2.96 m	**Upstream Pipe Depth:**	0.810 m
Location:	Gardens (private)	**Total Length:**	2.96 m	**Downstream Node:**	FW4
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.81 m					
FW4A					
0.00	IC	Start node, inspection chamber, reference: FW4A	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
2.96	JN	Junction at 6 o'clock, 100mm dia: BACK DROP	00:00:16		
2.96	MHF	Finish node, manhole, reference: FW4	00:00:18		
FW4					
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

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Section Inspection - 21/11/2023 - SVPAX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
37	1	21/11/23	15:43	Not Specified	No Rain Or Snow	Yes	SVPAX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVPA
Road:	Polesworth Close	**Inspected Length:**	7.92 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	7.92 m	**Downstream Node:**	FW4A
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0.780 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:69



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW4A	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
7.27	LU	Line deviates up	00:00:37		
7.92	OCF	Finish node, other special chamber, reference: SVPA: STACK	00:00:44		

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

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Section Inspection - 21/11/2023 - SVPBX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
38	1	21/11/23	15:43	Not Specified	No Rain Or Snow	Yes	SVPBX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVPB
Road:	Polesworth Close	**Inspected Length:**	7.31 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	7.31 m	**Downstream Node:**	FW4A
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0.780 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:64



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW4A	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
6.74	LU	Line deviates up	00:00:29		
7.31	OCF	Finish node, other special chamber, reference: SVPB: STACK	00:00:36		

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

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Section Inspection - 21/11/2023 - SVPCX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
39	1	21/11/23	15:43	Not Specified	No Rain Or Snow	Yes	SVPCX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVPC
Road:	Polesworth Close	**Inspected Length:**	2.03 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	2.03 m	**Downstream Node:**	FW4A
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0.780 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW4A	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
1.48	LU	Line deviates up	00:00:14		
2.03	OCF	Finish node, other special chamber, reference: SVPC: STACK	00:00:20		

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

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Section Inspection - 21/11/2023 - FW4BX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
40	1	21/11/23	15:43	Not Specified	No Rain Or Snow	Yes	FW4BX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW4B
Road:	Polesworth Close	**Inspected Length:**	4.19 m	**Upstream Pipe Depth:**	0.820 m
Location:	Gardens (private)	**Total Length:**	4.19 m	**Downstream Node:**	FW4
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.82 m **FW4B**					
0.00	IC	Start node, inspection chamber, reference: FW4B	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
4.14	JN	Junction at 6 o'clock, 100mm dia: BACK DROP	00:00:21		
4.19	MHF	Finish node, manhole, reference: FW4	00:00:24		
FW4 **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

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Section Inspection - 21/11/2023 - SVPAX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
41	1	21/11/23	15:43	Not Specified	No Rain Or Snow	Yes	SVPAX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVPA
Road:	Polesworth Close	**Inspected Length:**	5.99 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	5.99 m	**Downstream Node:**	FW4B
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0.079 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:52



Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.08 m **FW4B**					
0.00	IC	Start node, inspection chamber, reference: FW4B	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
5.38	LU	Line deviates up	00:00:22		
5.99	OCF	Finish node, other special chamber, reference: SVPA: STACK	00:00:26		
SVPA **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

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Section Inspection - 21/11/2023 - SVPBX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
42	1	21/11/23	15:43	Not Specified	No Rain Or Snow	Yes	SVPBX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVPB
Road:	Polesworth Close	**Inspected Length:**	8.20 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	8.20 m	**Downstream Node:**	FW4B
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0.800 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:71

Depth: 0.80 m
FW4B



SVPB
Depth: m

Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW4B	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
7.57	LU	Line deviates up	00:00:29		
8.20	OCF	Finish node, other special chamber, reference: SVPB: STACK	00:00:33		

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

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Section Inspection - 21/11/2023 - SVPCX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
43	1	21/11/23	15:43	Not Specified	No Rain Or Snow	Yes	SVPCX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVPC
Road:	Polesworth Close	**Inspected Length:**	5.63 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	5.63 m	**Downstream Node:**	FW4B
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0.790 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.79 m **FW4B**					
0.00	IC	Start node, inspection chamber, reference: FW4B	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
5.12	LU	Line deviates up	00:00:22		
5.63	OCF	Finish node, other special chamber, reference: SVPC: STACK	00:00:27		
SVPC **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

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Section Inspection - 21/11/2023 - FW5AX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
44	1	21/11/23	15:43	Not Specified	No Rain Or Snow	Yes	FW5AX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW5A
Road:	Polesworth Close	**Inspected Length:**	7.83 m	**Upstream Pipe Depth:**	0.790 m
Location:	Gardens (private)	**Total Length:**	7.83 m	**Downstream Node:**	FW5
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:68



Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.79 m					
FW5A					
0.00	IC	Start node, inspection chamber, reference: FW5A	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
7.79	JN	Junction at 6 o'clock, 100mm dia: BACK DROP	00:00:32		
7.83	MHF	Finish node, manhole, reference: FW5	00:00:34		
FW5					
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**
1	20.0	2.6	20.0	2.0	1	2.0	0.3	2.0	3.0

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Section Inspection - 21/11/2023 - SVPAX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
45	1	21/11/23	15:43	Not Specified	No Rain Or Snow	Yes	SVPAX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVPA
Road:	Polesworth Close	**Inspected Length:**	8.92 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	8.92 m	**Downstream Node:**	FW5A
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0.760 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:78

Depth: 0.76 m
FW5A



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW5A	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
6.64	WL	Water level, 10% of the vertical dimension	00:00:28		
6.64	JN	Junction at 9 o'clock, 100mm dia	00:00:28		
8.06	WL	Water level, 5% of the vertical dimension	00:00:36		
8.56	LU	Line deviates up	00:00:38		
8.92	OCF	Finish node, other special chamber, reference: SVPA: CAPPED STACK	00:00:41		

SVPA
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

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Section Inspection - 21/11/2023 - SVPBX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
46	1	21/11/23	15:43	Not Specified	No Rain Or Snow	Yes	SVPBX

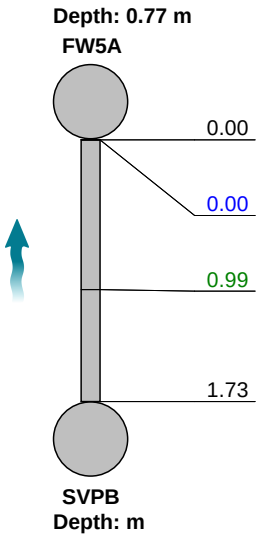
Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVPB
Road:	Polesworth Close	**Inspected Length:**	1.73 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	1.73 m	**Downstream Node:**	FW5A
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0.770 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW5A	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
0.99	LU	Line deviates up	00:00:11		
1.73	OCF	Finish node, other special chamber, reference: SVPB: STACK	00:00:16		

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

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Section Inspection - 27/11/2023 - FW4X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
47	1	27/11/23	12:40	Not Specified	No Rain Or Snow	Yes	FW4X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

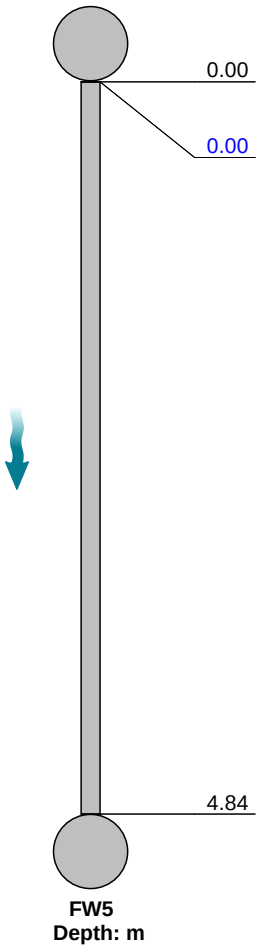
Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW4
Road:	Polesworth Close	**Inspected Length:**	4.84 m	**Upstream Pipe Depth:**	2.320 m
Location:	Gardens (private)	**Total Length:**	4.84 m	**Downstream Node:**	FW5
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50

Depth: 2.32 m
FW4



FW5
Depth: m

Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW4	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
4.84	ICF	Finish node, inspection chamber, reference: FW5	00:00:26		

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

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Section Inspection - 27/11/2023 - FW5X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
48	1	27/11/23	12:40	Not Specified	No Rain Or Snow	Yes	FW5X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW5
Road:	Polesworth Close	**Inspected Length:**	9.50 m	**Upstream Pipe Depth:**	2.230 m
Location:	Gardens (private)	**Total Length:**	9.50 m	**Downstream Node:**	FW7
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:83



Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 2.23 m					
FW5					
0.00	IC	Start node, inspection chamber, reference: FW5	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
9.50	ICF	Finish node, inspection chamber, reference: FW7	00:00:43		
FW7					
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

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Section Inspection - 27/11/2023 - FW7X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
49	1	27/11/23	12:40	Not Specified	No Rain Or Snow	Yes	FW7X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW7
Road:	Polesworth Close	**Inspected Length:**	9.68 m	**Upstream Pipe Depth:**	2.230 m
Location:	Gardens (private)	**Total Length:**	9.68 m	**Downstream Node:**	FW8
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:84

Depth: 2.23 m
FW7



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW7	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
4.66	WL	Water level, 10% of the vertical dimension	00:00:21		
9.13	WL	Water level, 5% of the vertical dimension	00:00:37		
9.68	ICF	Finish node, inspection chamber, reference: FW8	00:00:39		

FW8
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

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Section Inspection - 27/11/2023 - SVPAX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
50	1	27/11/23	12:40	Not Specified	No Rain Or Snow	Yes	SVPAX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVPA
Road:	Polesworth Close	**Inspected Length:**	8.47 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	8.47 m	**Downstream Node:**	FW7A
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0.092 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:74



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW7A	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
0.67	LR	Line deviates right	00:00:08		
7.69	LU	Line deviates up	00:00:33		
8.47	OCF	Finish node, other special chamber, reference: SVPA: STACK	00:00:37		

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

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Section Inspection - 27/11/2023 - RWPX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
51	1	27/11/23	12:40	Not Specified	No Rain Or Snow	Yes	RWPX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

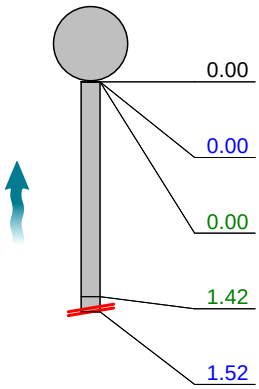
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	RWP
Road:	Polesworth Close	**Inspected Length:**	1.52 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	1.52 m	**Downstream Node:**	SW26A
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	1.880 m

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50

Depth: 1.88 m
SW26A



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: SW26A	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
0.00	LU	Line deviates up	00:00:05		
1.42	LR	Line deviates right	00:00:29		
1.52	SA	Survey abandoned: DUE TO UNABLE TO GET CAMERA ROUND BEND	00:00:38		

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

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Section Inspection - 27/11/2023 - SW26AX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
52	1	27/11/23	12:40	Not Specified	No Rain Or Snow	Yes	SW26AX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	SW26A
Road:	Polesworth Close	**Inspected Length:**	6.42 m	**Upstream Pipe Depth:**	1.890 m
Location:	Gardens (private)	**Total Length:**	6.42 m	**Downstream Node:**	MAIN
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:56



Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 1.89 m **SW26A**					
0.00	IC	Start node, inspection chamber, reference: SW26A	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
5.82	LL	Line deviates left	00:00:20		
6.42	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:24		
MAIN **Depth: m**					

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	**STR Peak**	**STR Mean**	**STR Total**	**STR Grade**	**SER No. Def**	**SER Peak**	**SER Mean**	**SER Total**	**SER Grade**
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

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Section Inspection - 27/11/2023 - SVPBX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
53	1	27/11/23	12:40	Not Specified	No Rain Or Snow	Yes	SVPBX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVPB
Road:	Polesworth Close	**Inspected Length:**	10.68 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	10.68 m	**Downstream Node:**	FW7A
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0.890 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:93

Depth: 0.89 m
FW7A



SVPB
Depth: m

Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW7A	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
0.87	LR	Line deviates right	00:00:11		
4.53	JN	Junction at 10 o'clock, 100mm dia	00:00:24		
10.16	LU	Line deviates up	00:00:46		
10.68	OCF	Finish node, other special chamber, reference: SVPB: STACK	00:00:52		

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

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Section Inspection - 27/11/2023 - FW7AX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
54	1	27/11/23	12:40	Not Specified	No Rain Or Snow	Yes	FW7AX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW7A
Road:	Polesworth Close	**Inspected Length:**	2.34 m	**Upstream Pipe Depth:**	0.890 m
Location:	Gardens (private)	**Total Length:**	2.34 m	**Downstream Node:**	FW7B
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.89 m					
FW7A					
0.00	IC	Start node, inspection chamber, reference: FW7A	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
1.88	LR	Line deviates right	00:00:14		
2.34	ICF	Finish node, inspection chamber, reference: FW7B	00:00:20		
FW7B					
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

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Section Inspection - 27/11/2023 - FW7BX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
55	1	27/11/23	12:40	Not Specified	No Rain Or Snow	Yes	FW7BX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW7B
Road:	Polesworth Close	**Inspected Length:**	1.31 m	**Upstream Pipe Depth:**	0.910 m
Location:	Gardens (private)	**Total Length:**	1.31 m	**Downstream Node:**	FW7
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.91 m					
FW7B					
0.00	IC	Start node, inspection chamber, reference: FW7B	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
0.00	LR	Line deviates right	00:00:01		
1.31	JN	Junction at 6 o'clock, 100mm dia: DROP SHAFT	00:00:12		
FW7 1.31	ICF	Finish node, inspection chamber, reference: FW7	00:00:15		
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

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Section Inspection - 27/11/2023 - SVPAX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
56	1	27/11/23	12:41	Not Specified	No Rain Or Snow	Yes	SVPAX

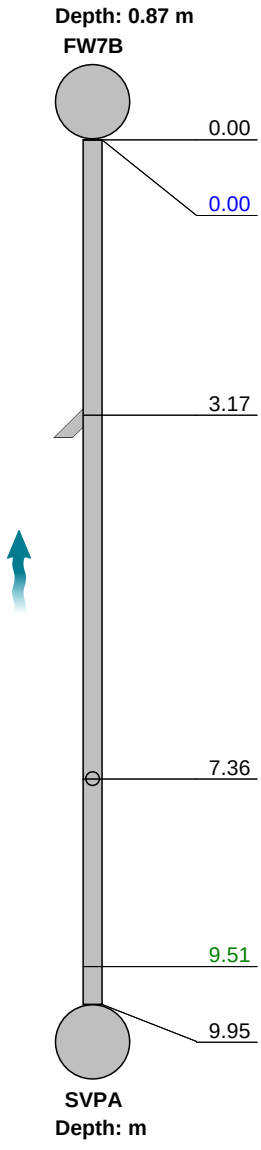
Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVPA
Road:	Polesworth Close	**Inspected Length:**	9.95 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	9.95 m	**Downstream Node:**	FW7B
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0.870 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**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
0.00	IC	Start node, inspection chamber, reference: FW7B	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
3.17	JN	Junction at 3 o'clock, 100mm dia	00:00:23		
7.36	JN	Junction at 12 o'clock, 100mm dia	00:00:37		
9.51	LU	Line deviates up	00:00:48		
9.95	OCF	Finish node, other special chamber, reference: SVPA: STACK	00:00:54		

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

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Section Inspection - 27/11/2023 - FW12X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
57	1	27/11/23	12:41	Not Specified	No Rain Or Snow	Yes	FW12X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	FW12
Road:	Polesworth Close	**Inspected Length:**	9.60 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	9.60 m	**Downstream Node:**	FW5
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	2.140 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:84



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW5	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
8.57	WL	Water level, 10% of the vertical dimension	00:00:36		
9.60	ICF	Finish node, inspection chamber, reference: FW12	00:00:41		

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

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Section Inspection - 27/11/2023 - SVPAX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
58	1	27/11/23	12:41	Not Specified	No Rain Or Snow	Yes	SVPAX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVPA
Road:	Polesworth Close	**Inspected Length:**	8.47 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	8.47 m	**Downstream Node:**	FW8A
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0.800 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:74



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW8A	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
7.82	LU	Line deviates up	00:00:34		
8.47	OCF	Finish node, other special chamber, reference: SVPA: STACK	00:00:42		

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

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Section Inspection - 27/11/2023 - FW8AX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
60	1	27/11/23	12:41	Not Specified	No Rain Or Snow	Yes	FW8AX

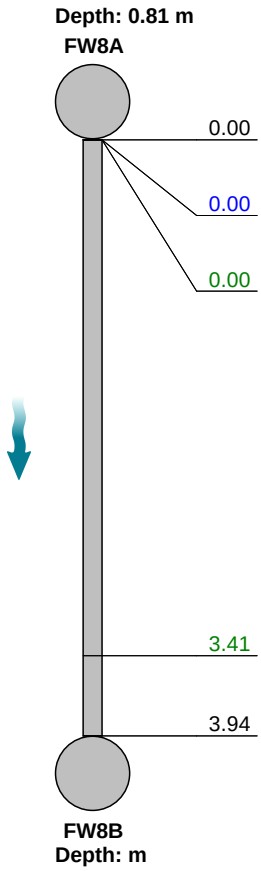
Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW8A
Road:	Polesworth Close	**Inspected Length:**	3.94 m	**Upstream Pipe Depth:**	0.810 m
Location:	Gardens (private)	**Total Length:**	3.94 m	**Downstream Node:**	FW8B
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW8A	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
0.00	LL	Line deviates left	00:00:02		
3.41	LR	Line deviates right	00:00:21		
3.94	ICF	Finish node, inspection chamber, reference: FW8B	00:00:27		

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

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Section Inspection - 27/11/2023 - SVPAX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
61	1	27/11/23	12:41	Not Specified	No Rain Or Snow	Yes	SVPAX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SVPA
Road:	Polesworth Close	**Inspected Length:**	10.01 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	10.01 m	**Downstream Node:**	FW8B
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0.810 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**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: 0.81 m **FW8B**					
0.00	IC	Start node, inspection chamber, reference: FW8B	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
7.09	JN	Junction at 12 o'clock, 100mm dia	00:00:31		
9.50	LU	Line deviates up	00:00:42		
10.01	OCF	Finish node, other special chamber, reference: SVPA: STACK	00:00:46		
SVPA **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

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Section Inspection - 27/11/2023 - FW8BX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
62	1	27/11/23	12:41	Not Specified	No Rain Or Snow	Yes	FW8BX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW8B
Road:	Polesworth Close	**Inspected Length:**	1.46 m	**Upstream Pipe Depth:**	0.820 m
Location:	Gardens (private)	**Total Length:**	1.46 m	**Downstream Node:**	FW8
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: **1:50** **Position [m]** **Code** **Observation** **MPEG** **Photo** **Grade**

Depth: 0.82 m
FW8B



Position [m]	Code	Observation	MPEG
0.00	IC	Start node, inspection chamber, reference: FW8B	00:00:00
0.00	WL	Water level, 5% of the vertical dimension	
1.44	JN	Junction at 6 o'clock, 100mm dia: BACK DROP	00:00:14
1.46	ICF	Finish node, inspection chamber, reference: FW8	00:00:19

FW8
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

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Section Inspection - 27/11/2023 - SW32X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
63	1	27/11/23	12:41	Not Specified	No Rain Or Snow	Yes	SW32X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	SW32
Road:	Polesworth Close	**Inspected Length:**	4.16 m	**Upstream Pipe Depth:**	0.850 m
Location:	Gardens (private)	**Total Length:**	4.16 m	**Downstream Node:**	SW7
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.85 m					
SW32					
0.00	IC	Start node, inspection chamber, reference: SW32	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
2.80	WL	Water level, 10% of the vertical dimension	00:00:16		
2.86	JN	Junction at 3 o'clock, 100mm dia	00:00:18		
4.16	MHF	Finish node, manhole, reference: SW7	00:00:25		
SW7					
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

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Section Inspection - 27/11/2023 - SW31X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
64	1	27/11/23	12:41	Not Specified	No Rain Or Snow	Yes	SW31X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW31
Road:	Polesworth Close	**Inspected Length:**	6.28 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	6.28 m	**Downstream Node:**	SW32
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0.860 m

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: **1:55**

Position [m]	Code	Observation	MPEG	Photo	Grade
		Depth: 0.86 m			
		SW32			
0.00	IC	Start node, inspection chamber, reference: SW32	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
6.28	ICF	Finish node, inspection chamber, reference: SW31	00:00:26		
		SW31			
		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

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Section Inspection - 27/11/2023 - RWP1X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
65	1	27/11/23	12:41	Not Specified	No Rain Or Snow	Yes	RWP1X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	RWP1
Road:	Polesworth Close	**Inspected Length:**	3.61 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	3.61 m	**Downstream Node:**	SW32
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m SW32					
0.00	IC	Start node, inspection chamber, reference: SW32	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
2.89	LL	Line deviates left	00:00:16		
2.97	LU	Line deviates up	00:00:17		
3.61	OCF	Finish node, other special chamber, reference: RWP1: STACK	00:00:23		
RWP1 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

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Section Inspection - 27/11/2023 - RWP2X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
66	1	27/11/23	12:41	Not Specified	No Rain Or Snow	Yes	RWP2X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	RWP2
Road:	Polesworth Close	**Inspected Length:**	2.30 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	2.30 m	**Downstream Node:**	SW32
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: SW32	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
1.71	LL	Line deviates left	00:00:12		
1.99	LU	Line deviates up	00:00:14		
2.30	OCF	Finish node, other special chamber, reference: RWP2: STACK	00:00:21		

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

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Section Inspection - 27/11/2023 - FW8X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
67	1	27/11/23	12:41	Not Specified	No Rain Or Snow	Yes	FW8X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	FW8
Road:	Polesworth Close	**Inspected Length:**	4.61 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	4.61 m	**Downstream Node:**	FW9
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	2.630 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 2.63 m **FW9**					
0.00	IC	Start node, inspection chamber, reference: FW9	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
0.44	WL	Water level, 10% of the vertical dimension	00:00:10		
2.08	REM	General remark: MISTY DUE TO TEMP	00:00:17		
4.61	ICF	Finish node, inspection chamber, reference: FW8	00:00:32		
FW8 **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

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Section Inspection - 27/11/2023 - SW29X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
68	1	27/11/23	12:41	Not Specified	No Rain Or Snow	Yes	SW29X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

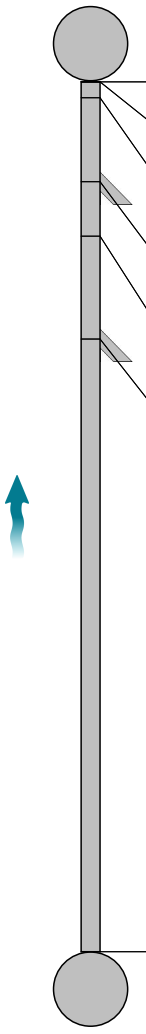
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW29
Road:	Polesworth Close	**Inspected Length:**	21.17 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	21.17 m	**Downstream Node:**	SW30CP
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	2.000 m

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:184

Depth: 2.00 m
SW30CP



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	CP	Start node, catchpit, reference: SW30CP	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension			
0.39	WL	Water level, 10% of the vertical dimension	00:00:18		
2.43	JN	Junction at 10 o'clock, 100mm dia	00:00:41		
3.76	WL	Water level, 5% of the vertical dimension	00:00:47		
6.26	JN	Junction at 10 o'clock, 100mm dia	00:00:52		
21.17	ICF	Finish node, inspection chamber, reference: SW29	00:01:31		

SW29
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

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Section Inspection - 27/11/2023 - SW26X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
69	1	27/11/23	14:12	Not Specified	No Rain Or Snow	Yes	SW26X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Crawler	Not Specified	Not Specified	Not Specified

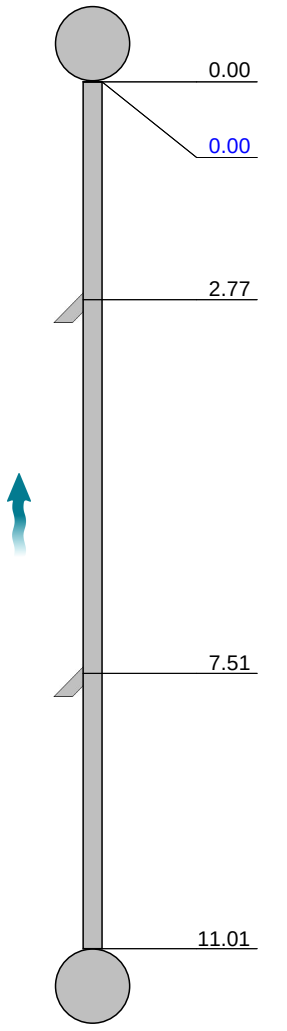
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW26
Road:	Polesworth Close	**Inspected Length:**	11.01 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	11.01 m	**Downstream Node:**	SW28
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	2.100 m

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	300 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:96

Depth: 2.10 m
SW28



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: SW28	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
2.77	JN	Junction at 3 o'clock, 150mm dia: BAGGED OFF	00:00:30		
7.51	JN	Junction at 3 o'clock, 150mm dia	00:01:07		
11.01	MHF	Finish node, manhole, reference: SW26	00:01:30		

SW26
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

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Section Inspection - 27/11/2023 - SW30CPX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
70	1	27/11/23	14:16	Not Specified	No Rain Or Snow	Yes	SW30CPX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Crawler	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	SW30CP
Road:	Polesworth Close	**Inspected Length:**	4.84 m	**Upstream Pipe Depth:**	2.100 m
Location:	Gardens (private)	**Total Length:**	4.84 m	**Downstream Node:**	SW7
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	300 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 2.10 m **SW30CP**						
	0.00	CP	Start node, catchpit, reference: SW30CP	00:00:00		
	0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
	4.84	MHF	Finish node, manhole, reference: SW7	00:00:30		
SW7 **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

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Section Inspection - 27/11/2023 - SW28X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
71	1	27/11/23	14:20	Not Specified	No Rain Or Snow	Yes	SW28X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Crawler	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW28
Road:	Polesworth Close	**Inspected Length:**	4.16 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	4.16 m	**Downstream Node:**	SW30CP
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	300 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	CP	Start node, catchpit, reference: SW30CP	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
4.16	MHF	Finish node, manhole, reference: SW28	00:00:27		

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

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Section Inspection - 27/11/2023 - SW6CPX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
72	1	27/11/23	14:30	Not Specified	No Rain Or Snow	Yes	SW6CPX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Crawler	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW6CP
Road:	Polesworth Close	**Inspected Length:**	23.10 m	**Upstream Pipe Depth:**	
Location:	Gardens (private)	**Total Length:**	23.10 m	**Downstream Node:**	SW7
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	2.100 m

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	300 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:200



Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 2.10 m **SW7**					
0.00	MH	Start node, manhole, reference: SW7	00:00:00		
0.00	WL	Water level, 10% of the vertical dimension	00:00:01		
21.35	LL	Line deviates left	00:01:38		
23.10	CPF	Finish node, catchpit, reference: SW6CP	00:01:46		
SW6CP **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**
3	0.0	0.0	0.0	1.0	3	1.0	0.1	3.0	2.0

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Section Inspection - 27/11/2023 - SW7X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
73	1	27/11/23	14:27	Not Specified	No Rain Or Snow	Yes	SW7X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	SW7
Road:	Polesworth Close	**Inspected Length:**	2.17 m	**Upstream Pipe Depth:**	2.100 m
Location:	Gardens (private)	**Total Length:**	2.17 m	**Downstream Node:**	SW8
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: SW7	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:02		
0.73	JN	Junction at 12 o'clock, 150mm dia	00:00:15		
2.17	MHF	Finish node, manhole, reference: SW8	00:00:27		

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

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Section Inspection - 04/10/2023 - FW13X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
74	1	04/10/23	9:57	Not Specified	No Rain Or Snow	Yes	FW13X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	FW13
Road:	Polesworth Close	**Inspected Length:**	13.38 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	13.38 m	**Downstream Node:**	FW14
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	1.440 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: **1:116** **Position [m]** **Code** **Observation** **MPEG** **Photo** **Grade**

Depth: 1.44 m
FW14



Position [m]	Code	Observation	MPEG
0.00	IC	Start node, inspection chamber, reference: FW14	00:00:00
0.00	WL	Water level, 5% of the vertical dimension	00:00:01
13.38	ICF	Finish node, inspection chamber, reference: FW13: DEBRIS REMOVED AFTER SURVEY	00:00:59

FW13
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

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Section Inspection - 04/10/2023 - FW14X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
75	1	04/10/23	9:59	Not Specified	No Rain Or Snow	Yes	FW14X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW14
Road:	Polesworth Close	**Inspected Length:**	5.01 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	5.01 m	**Downstream Node:**	EX 2802
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m FW14						
	0.00	IC	Start node, inspection chamber, reference: FW14	00:00:00		
	0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
	5.01	MHF	Finish node, manhole, reference: EX 2802	00:00:26		
EX 2802 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

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Section Inspection - 04/10/2023 - FWP109X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
76	1	04/10/23	10:48	Not Specified	No Rain Or Snow	Yes	FWP109X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	FWP109
Road:	Polesworth Close	**Inspected Length:**	42.82 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	42.82 m	**Downstream Node:**	FW14
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:371



Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m FW14					
0.00	IC	Start node, inspection chamber, reference: FW14	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
6.55	JN	Junction at 10 o'clock, 100mm dia	00:00:33		
11.35	JN	Junction at 10 o'clock, 100mm dia	00:00:51		
22.81	JN	Junction at 10 o'clock, 100mm dia	00:01:44		
26.25	JN	Junction at 10 o'clock, 100mm dia	00:02:03		
27.32	WL	Water level, 10% of the vertical dimension	00:02:09		
30.92	WL	Water level, 5% of the vertical dimension	00:02:33		
38.61	JN	Junction at 10 o'clock, 100mm dia	00:03:21		
39.37	WL	Water level, 10% of the vertical dimension: FLUSH	00:03:29		
42.82	ICF	Finish node, inspection chamber, reference: FWP109	00:03:47		
FWP109 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

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Section Inspection - 04/10/2023 - FWP109AX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
77	1	04/10/23	10:53	Not Specified	No Rain Or Snow	Yes	FWP109AX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	FWP109A
Road:	Polesworth Close	**Inspected Length:**	4.10 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	4.10 m	**Downstream Node:**	FWP109
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m					
FWP109					
0.00	IC	Start node, inspection chamber, reference: FWP109	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
3.52	LL	Line deviates left	00:00:29		
4.10	ICF	Finish node, inspection chamber, reference: FWP109A	00:00:33		
FWP109A					
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

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Section Inspection - 04/10/2023 - SW 13X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
78	1	04/10/23	11:16	Not Specified	No Rain Or Snow	Yes	SW 13X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Crawler	Not Specified	Not Specified	Not Specified

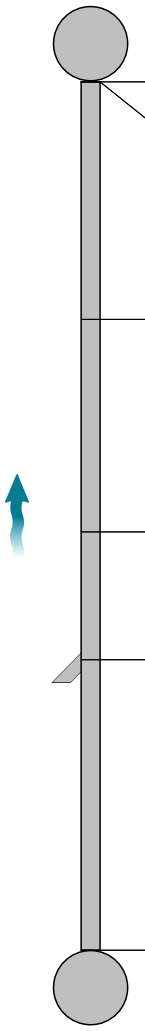
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW 13
Road:	Polesworth Close	**Inspected Length:**	10.11 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	10.11 m	**Downstream Node:**	SW14CP
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0.690 m

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	225 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:88

Depth: 0.69 m
SW14CP



SW 13
Depth: m

Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	CP	Start node, catchpit, reference: SW14CP	00:00:00		
0.00	WL	Water level, 10% of the vertical dimension	00:00:01		
2.77	WL	Water level, 5% of the vertical dimension	00:00:24		
5.24	LL	Line deviates left	00:00:38		
6.73	JN	Junction at 3 o'clock, 100mm dia	00:00:49		
10.11	ICF	Finish node, inspection chamber, reference: SW 13	00:01:14		

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

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Section Inspection - 04/10/2023 - SW 12X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
79	1	04/10/23	11:18	Not Specified	No Rain Or Snow	Yes	SW 12X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Crawler	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW 12
Road:	Polesworth Close	**Inspected Length:**	14.78 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	14.78 m	**Downstream Node:**	SW 13
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	225 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:128



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: SW 13	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
4.74	JN	Junction at 9 o'clock, 150mm dia	00:00:36		
11.81	JN	Junction at 3 o'clock, 100mm dia	00:01:20		
12.65	JN	Junction at 9 o'clock, 100mm dia	00:01:31		
14.78	ICF	Finish node, inspection chamber, reference: SW 12	00:01:54		

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**
1	1.0	0.1	1.0	1.0	0	0.0	0.0	0.0	1.0

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Section Inspection - 04/10/2023 - SW 11X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
80	1	04/10/23	11:21	Not Specified	No Rain Or Snow	Yes	SW 11X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Crawler	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW 11
Road:	Polesworth Close	**Inspected Length:**	24.74 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	24.74 m	**Downstream Node:**	SW 12
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:215



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: SW 12	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
3.96	JN	Junction at 10 o'clock, 100mm dia	00:00:40		
7.58	JN	Junction at 3 o'clock, 100mm dia	00:01:07		
10.72	JN	Junction at 10 o'clock, 100mm dia	00:01:33		
11.79	JN	Junction at 3 o'clock, 100mm dia	00:01:48		
14.49	JN	Junction at 9 o'clock, 100mm dia	00:02:11		
19.26	JN	Junction at 9 o'clock, 100mm dia	00:02:51		
22.63	JN	Junction at 3 o'clock, 100mm dia	00:03:21		
24.74	ICF	Finish node, inspection chamber, reference: SW 11	00:03:40		

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

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Section Inspection - 04/10/2023 - SW 14CPX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
81	1	04/10/23	11:31	Not Specified	No Rain Or Snow	Yes	SW 14CPX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Crawler	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	SW 14CP
Road:	Polesworth Close	**Inspected Length:**	1.41 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	1.41 m	**Downstream Node:**	SW 5
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	225 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: SW 14CP	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
1.41	JN	Junction at 6 o'clock, 225mm dia: DROP SHAFT	00:00:20		
1.41	MHF	Finish node, manhole, reference: SW 5: MANHOLE IN VIEW	00:00:21		

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

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Section Inspection - 04/10/2023 - SW 5X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
82	1	04/10/23	12:10	Not Specified	No Rain Or Snow	Yes	SW 5X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Crawler	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	SW 5
Road:	Polesworth Close	**Inspected Length:**	17.88 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	17.88 m	**Downstream Node:**	SW 6CP
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:155



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	CP	Start node, catchpit, reference: SW 5	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
1.22	WL	Water level, 20% of the vertical dimension	00:00:26		
2.21	WL	Water level, 5% of the vertical dimension	00:00:33		
14.18	WL	Water level, 20% of the vertical dimension	00:01:43		
17.88	MHF	Finish node, manhole, reference: SW 6CP	00:02:05		

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

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Section Inspection - 04/10/2023 - SW 4X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
83	1	04/10/23	12:18	Not Specified	No Rain Or Snow	Yes	SW 4X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Crawler	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW 4
Road:	Polesworth Close	**Inspected Length:**	15.79 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	15.79 m	**Downstream Node:**	SW 5
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	225 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:137



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	CP	Start node, catchpit, reference: SW 5	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
15.79	MHF	Finish node, manhole, reference: SW 4	00:01:20		

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

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Section Inspection - 04/10/2023 - SW 3 CPX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
84	1	04/10/23	12:19	Not Specified	No Rain Or Snow	Yes	SW 3 CPX

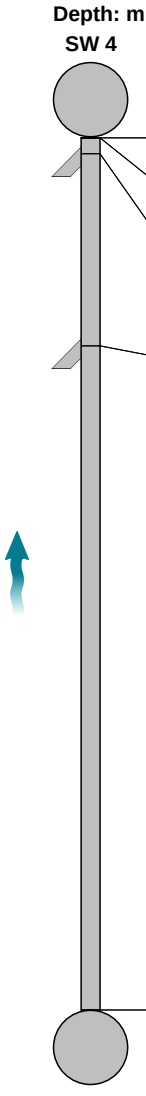
Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Crawler	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW 3 CP
Road:	Polesworth Close	**Inspected Length:**	13.26 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	13.26 m	**Downstream Node:**	SW 4
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	225 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:115



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: SW 4	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
0.25	JN	Junction at 2 o'clock, 150mm dia	00:00:10		
3.17	JN	Junction at 2 o'clock, 150mm dia	00:00:25		
13.26	CPF	Finish node, catchpit, reference: SW 3 CP	00:01:12		

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**
1	1.0	0.1	1.0	1.0	0	0.0	0.0	0.0	1.0

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Section Inspection - 04/10/2023 - FW 1DX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
85	1	04/10/23	12:31	Not Specified	No Rain Or Snow	Yes	FW 1DX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	FW 1D
Road:	Polesworth Close	**Inspected Length:**	16.88 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	16.88 m	**Downstream Node:**	FW 13
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:147



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW 13	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
10.76	JN	Junction at 9 o'clock, 100mm dia	00:01:06		
10.76	LL	Line deviates left	00:01:07		
15.08	LR	Line deviates right	00:01:31		
16.88	ICF	Finish node, inspection chamber, reference: FW 1D	00:01:44		

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

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Section Inspection - 04/10/2023 - SW10X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
86	1	04/10/23	13:22	Not Specified	No Rain Or Snow	Yes	SW10X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Crawler	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW10
Road:	Polesworth Close	**Inspected Length:**	17.88 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	17.88 m	**Downstream Node:**	SW 3 CP
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	225 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:155



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	CP	Start node, catchpit, reference: SW 3 CP	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
17.88	MHF	Finish node, manhole, reference: SW10	00:01:40		

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**
1	1.0	0.1	1.0	1.0	0	0.0	0.0	0.0	1.0

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Section Inspection - 04/10/2023 - SW 2CPX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
87	1	04/10/23	13:26	Not Specified	No Rain Or Snow	Yes	SW 2CPX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Crawler	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW 2CP
Road:	Polesworth Close	**Inspected Length:**	19.25 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	19.25 m	**Downstream Node:**	SW 3 CP
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	225 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:167



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	CP	Start node, catchpit, reference: SW 3 CP	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:02		
7.00	JN	Junction at 2 o'clock, 150mm dia	00:00:42		
19.25	MHF	Finish node, manhole, reference: SW 2CP	00:01:41		

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

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Section Inspection - 04/10/2023 - SW1X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
88	1	04/10/23	14:07	Not Specified	No Rain Or Snow	Yes	SW1X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Crawler	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW1
Road:	Polesworth Close	**Inspected Length:**	19.70 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	19.70 m	**Downstream Node:**	SW 2CP
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	225 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**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
0.00	MH	Start node, manhole, reference: SW 2CP	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
13.26	JN	Junction at 3 o'clock, 150mm dia	00:01:19		
19.05	SC	Pipe size changes, new size(s), 150mm high, 150mm wide	00:01:48		
19.70	MHF	Finish node, manhole, reference: SW1	00:01:52		

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

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Section Inspection - 04/10/2023 - SW 3AX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
89	1	04/10/23	14:31	Not Specified	No Rain Or Snow	Yes	SW 3AX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	SW 3A
Road:	Polesworth Close	**Inspected Length:**	3.30 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	3.30 m	**Downstream Node:**	MAIN
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: SW 3A	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:00		
0.62	REM	General remark: PLASTIC WEDGED IN JOINT	00:00:09	89_SW 3A_MAIN.jpg	
2.90	LL	Line deviates left	00:00:18		
2.90	LD	Line deviates down	00:00:18		
3.30	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:23		

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

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Section Pictures - 04/10/2023 - SW 3AX

Item No.	Inspection Direction	PLR	Client`s Job Ref	Contractor`s Job Ref
89	Downstream	SW 3AX		



89_SW 3A_MAIN.jpg, 00:00:09, 0.62 m
General remark, PLASTIC WEDGED IN JOINT

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Section Inspection - 04/10/2023 - SSX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
90	1	04/10/23	14:31	Not Specified	No Rain Or Snow	Yes	SSX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SS
Road:	Polesworth Close	**Inspected Length:**	5.83 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	5.83 m	**Downstream Node:**	FW 2D
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0.690 m

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:51

Depth: 0.69 m
FW 2D



SS
Depth: m

Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW 2D	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:00		
3.93	LR	Line deviates right	00:00:16		
5.12	LR	Line deviates right	00:00:20		
5.28	LU	Line deviates up	00:00:21		
5.83	OCF	Finish node, other special chamber, reference: SS: STACK	00:00:23		

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

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Section Inspection - 04/10/2023 - AX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
91	1	04/10/23	14:31	Not Specified	No Rain Or Snow	Yes	AX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	A
Road:	Polesworth Close	**Inspected Length:**	2.27 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	2.27 m	**Downstream Node:**	FW 2D
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW 2D	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:00		
0.85	LU	Line deviates up	00:00:11		
1.74	LU	Line deviates up	00:00:14		
2.27	OCF	Finish node, other special chamber, reference: A: STACK	00:00:19		

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

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Section Inspection - 04/10/2023 - FW 2DX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
92	1	04/10/23	14:31	Not Specified	No Rain Or Snow	Yes	FW 2DX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW 2D
Road:	Polesworth Close	**Inspected Length:**	3.72 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	3.72 m	**Downstream Node:**	FW 3D
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m					
FW 2D					
0.00	IC	Start node, inspection chamber, reference: FW 2D	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:00		
3.72	ICF	Finish node, inspection chamber, reference: FW 3D	00:00:14		
FW 3D					
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

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Section Inspection - 04/10/2023 - AX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
93	1	04/10/23	14:31	Not Specified	No Rain Or Snow	Yes	AX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	A
Road:	Polesworth Close	**Inspected Length:**	2.55 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	2.55 m	**Downstream Node:**	FW 3D
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW 3D	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
1.74	LU	Line deviates up	00:00:09		
2.55	OCF	Finish node, other special chamber, reference: A: STACK	00:00:14		

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

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Section Inspection - 04/10/2023 - BX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
94	1	04/10/23	14:31	Not Specified	No Rain Or Snow	Yes	BX

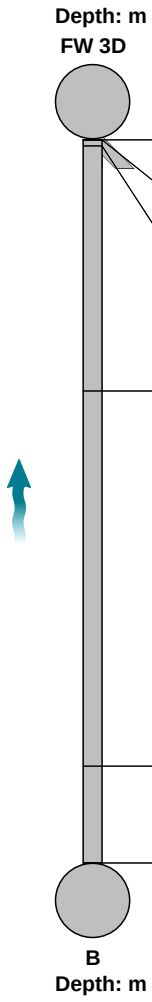
Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	B
Road:	Polesworth Close	**Inspected Length:**	4.78 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	4.78 m	**Downstream Node:**	FW 3D
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW 3D	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:00		
0.04	JN	Junction at 9 o'clock, 100mm dia	00:00:06		
1.66	LR	Line deviates right	00:00:13		
4.14	LU	Line deviates up	00:00:22		
4.78	OCF	Finish node, other special chamber, reference: B: STACK	00:00:24		

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

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Section Inspection - 04/10/2023 - FW 3DX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
95	1	04/10/23	14:31	Not Specified	No Rain Or Snow	Yes	FW 3DX

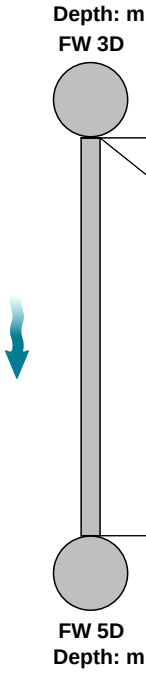
Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW 3D
Road:	Polesworth Close	**Inspected Length:**	2.63 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	2.63 m	**Downstream Node:**	FW 5D
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW 3D	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:00		
2.63	ICF	Finish node, inspection chamber, reference: FW 5D	00:00:14		

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

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Section Inspection - 04/10/2023 - AX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
96	1	04/10/23	14:31	Not Specified	No Rain Or Snow	Yes	AX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	A
Road:	Polesworth Close	**Inspected Length:**	2.31 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	2.31 m	**Downstream Node:**	FW 5D
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW 5D	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:00		
1.66	LU	Line deviates up	00:00:14		
2.31	OCF	Finish node, other special chamber, reference: A: STACK	00:00:18		

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

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Section Inspection - 04/10/2023 - BX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
97	1	04/10/23	14:31	Not Specified	No Rain Or Snow	Yes	BX

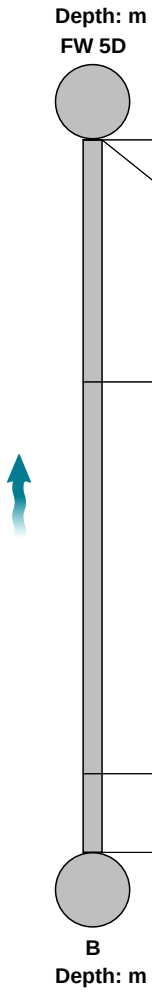
Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	B
Road:	Polesworth Close	**Inspected Length:**	4.71 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	4.71 m	**Downstream Node:**	FW 5D
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW 5D	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:00		
1.60	LL	Line deviates left	00:00:12		
4.19	LU	Line deviates up	00:00:21		
4.71	OCF	Finish node, other special chamber, reference: B: STACK	00:00:24		

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

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Section Inspection - 04/10/2023 - FW 5DX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
98	1	04/10/23	14:31	Not Specified	No Rain Or Snow	Yes	FW 5DX

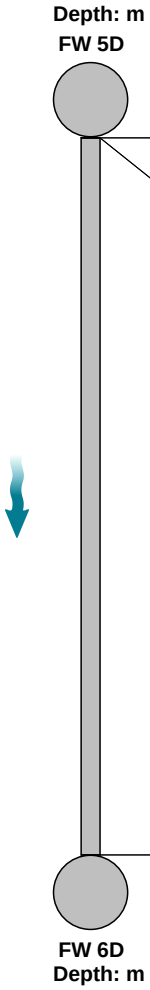
Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW 5D
Road:	Polesworth Close	**Inspected Length:**	4.74 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	4.74 m	**Downstream Node:**	FW 6D
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW 5D	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:00		
4.74	ICF	Finish node, inspection chamber, reference: FW 6D	00:00:17		

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

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Section Inspection - 04/10/2023 - AX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
99	1	04/10/23	14:31	Not Specified	No Rain Or Snow	Yes	AX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	A
Road:	Polesworth Close	**Inspected Length:**	2.75 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	2.75 m	**Downstream Node:**	FW 6D
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW 6D	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:00		
0.33	LL	Line deviates left	00:00:07		
2.05	LU	Line deviates up	00:00:12		
2.75	OCF	Finish node, other special chamber, reference: A: STACK	00:00:16		

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

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Section Inspection - 04/10/2023 - BX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
100	1	04/10/23	14:31	Not Specified	No Rain Or Snow	Yes	BX

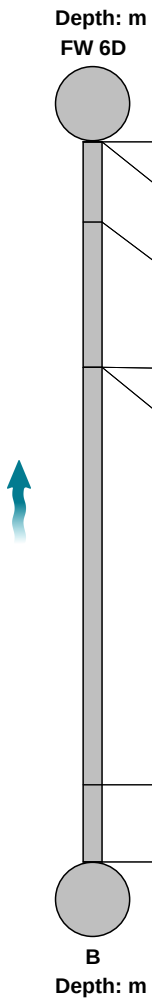
Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	B
Road:	Polesworth Close	**Inspected Length:**	4.76 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	4.76 m	**Downstream Node:**	FW 6D
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	IC	Start node, inspection chamber, reference: FW 6D	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:00		
0.53	LL	Line deviates left	00:00:07		
1.49	LL	Line deviates left	00:00:10		
1.49	LU	Line deviates up	00:00:10		
4.25	LU	Line deviates up	00:00:20		
4.76	OCF	Finish node, other special chamber, reference: B: STACK	00:00:26		

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

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Section Inspection - 13/12/2023 - FW9X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
101	1	13/12/23	11:40	Not Specified	No Rain Or Snow	Yes	FW9X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW9
Road:	Polesworth Close	**Inspected Length:**	20.08 m	**Upstream Pipe Depth:**	2.620 m
Location:	Road	**Total Length:**	20.08 m	**Downstream Node:**	EX3
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:174

Depth: 2.62 m
FW9



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: FW9	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
5.19	WL	Water level, 10% of the vertical dimension	00:00:22		
18.86	LL	Line deviates left	00:01:06		
20.08	MHF	Finish node, manhole, reference: EX3	00:01:14		

EX3
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**
1	1.0	0.0	1.0	1.0	0	0.0	0.0	0.0	1.0

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Section Inspection - 13/12/2023 - SW8X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
102	1	13/12/23	11:40	Not Specified	No Rain Or Snow	Yes	SW8X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	SW8
Road:	Polesworth Close	**Inspected Length:**	21.69 m	**Upstream Pipe Depth:**	2.120 m
Location:	Road	**Total Length:**	21.69 m	**Downstream Node:**	EX3
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:188



Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 2.12 m **SW8**					
0.00	MH	Start node, manhole, reference: SW8	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:00		
21.30	LR	Line deviates right	00:01:46		
21.30	LD	Line deviates down	00:01:46		
21.37	MCVC	Pipe material changes to vitrified clay at this point	00:01:49		
21.69	MHF	Finish node, manhole, reference: EX3	00:01:59		
EX3 **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**
1	40.0	1.8	40.0	3.0	1	1.0	0.0	1.0	2.0

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Section Inspection - 13/12/2023 - ACOX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
103	1	13/12/23	11:40	Not Specified	No Rain Or Snow	Yes	ACOX

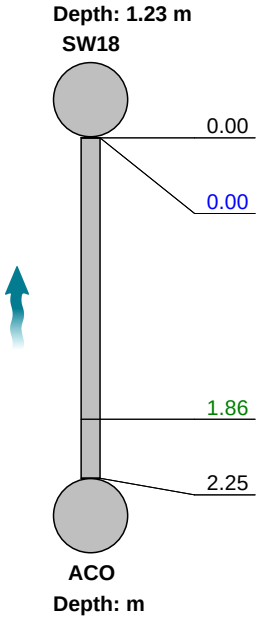
Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	ACO
Road:	Polesworth Close	**Inspected Length:**	2.25 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	2.25 m	**Downstream Node:**	SW18
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	1.230 m

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: SW18	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:00		
1.86	LL	Line deviates left	00:00:12		
2.25	OCF	Finish node, other special chamber, reference: ACO: ACO	00:00:21		

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

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Section Inspection - 13/12/2023 - RWPAX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
104	1	13/12/23	11:40	Not Specified	No Rain Or Snow	Yes	RWPAX

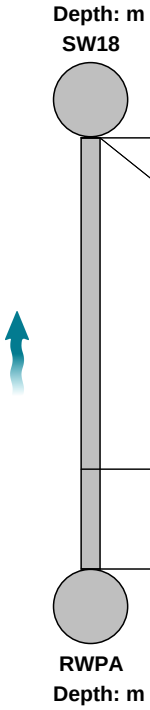
Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	RWPA
Road:	Polesworth Close	**Inspected Length:**	2.85 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	2.85 m	**Downstream Node:**	SW18
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: SW18	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
2.19	LU	Line deviates up	00:00:18		
2.85	OCF	Finish node, other special chamber, reference: RWPA: RWP	00:00:24		

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

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Section Inspection - 13/12/2023 - RWPBX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
105	1	13/12/23	11:40	Not Specified	No Rain Or Snow	Yes	RWPBX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	RWPB
Road:	Polesworth Close	**Inspected Length:**	9.37 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	9.37 m	**Downstream Node:**	SW18
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:82



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: SW18	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:05		
0.00	LU	Line deviates up	00:00:05		
3.25	LL	Line deviates left	00:00:21		
8.91	LR	Line deviates right	00:00:41		
9.37	OCF	Finish node, other special chamber, reference: RWPB: RWP	00:00:44		

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

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Section Inspection - 13/12/2023 - SW18X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
106	1	13/12/23	11:40	Not Specified	No Rain Or Snow	Yes	SW18X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	SW18
Road:	Polesworth Close	**Inspected Length:**	3.17 m	**Upstream Pipe Depth:**	1.250 m
Location:	Road	**Total Length:**	3.17 m	**Downstream Node:**	SW19CP
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 1.25 m						
SW18						
	0.00	MH	Start node, manhole, reference: SW18	00:00:00		
	0.00	WL	Water level, 5% of the vertical dimension	00:00:02		
	3.17	CPF	Finish node, catchpit, reference: SW19CP	00:00:17		
SW19CP						
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

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Section Inspection - 13/12/2023 - SW19CPX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
107	1	13/12/23	11:40	Not Specified	No Rain Or Snow	Yes	SW19CPX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	SW19CP
Road:	Polesworth Close	**Inspected Length:**	5.75 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	5.75 m	**Downstream Node:**	SW20CP
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m					
SW19CP					
0.00	CP	Start node, catchpit, reference: SW19CP	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:00		
5.75	CPF	Finish node, catchpit, reference: SW20CP	00:00:26		
SW20CP					
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**
1	1.0	0.2	1.0	1.0	0	0.0	0.0	0.0	1.0

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Section Inspection - 13/12/2023 - SW15X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
108	1	13/12/23	11:40	Not Specified	No Rain Or Snow	Yes	SW15X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW15
Road:	Polesworth Close	**Inspected Length:**	28.83 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	28.83 m	**Downstream Node:**	SW16
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	150 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:250



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: SW16	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:03		
8.97	JN	Junction at 12 o'clock, 100mm dia	00:00:49		
15.65	JN	Junction at 12 o'clock, 100mm dia	00:01:19		
22.28	JN	Junction at 12 o'clock, 100mm dia	00:01:49		
28.83	JN	Junction at 12 o'clock, 100mm dia	00:02:25		
28.83	MHF	Finish node, manhole, reference: SW15: CAPPED OFF	00:02:25		

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

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Section Inspection - 13/12/2023 - ACOX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
109	1	13/12/23	11:40	Not Specified	No Rain Or Snow	Yes	ACOX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
S.SADLER	OY21ZDL	Pushrod	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	ACO
Road:	Polesworth Close	**Inspected Length:**	0.63 m	**Upstream Pipe Depth:**	
Location:	Road	**Total Length:**	0.63 m	**Downstream Node:**	SW16
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:	Gravity drain/sewer	**Dia/Height:**	100 mm
Flow Control:	No flow control	**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:	Pre-adoption inspection	**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m SW16						
	0.00	MH	Start node, manhole, reference: SW16	00:00:00		
	0.00	WL	Water level, 5% of the vertical dimension	00:00:02		
	0.29	LR	Line deviates right	00:00:08		
ACO	0.63	OCF	Finish node, other special chamber, reference: ACO: ACO	00:00:12		
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

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