Francis Road, Withington
Discharge of Planning Condition 16
Technical Note
P01

C-26721-STN-XX-XX-TN-C-0006

Southway Housing Trust

28 July 2025

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Technical Design Note – Francis Road, Withington	
Client Name: Southway Housing Trust **Client Reference:** Osman Khan o.khan@southwayhousing.co.uk Southway Housing Trust Southern Gate 729 Princess Road Didsbury, Manchester M20 2LT **Project Location:** Manchester, M20 4XP	**Designer Reference:** Tom Flanagan tom.flanagan@stantec.com Neil Byrne Neil.byrne@stantec.com Stantec (formerly Hydrock) 100 Barbirolli Square Manchester M2 3PW

1 Planning Condition 16

With reference to the approved planning application granted, ref: 134603/FO/2022 this note has been produced in support of the discharge of Planning Condition 16 relating to the surface water drainage. The planning condition is as follows.

> No development hereby permitted shall be occupied until details of the implementation, maintenance and management of the sustainable drainage scheme have been submitted to and approved by the local planning authority. The scheme shall be implemented and thereafter managed and maintained in accordance with the approved details. Those details shall include:
>
> Verification report providing photographic evidence of construction as per design drawings.
>
> As built construction drawings if different from design construction drawings.
>
> Management and maintenance plan for the lifetime of the development which shall include the arrangements for adoption by any public body or statutory undertaker, or any other arrangements to secure the operation of the sustainable drainage scheme throughout its lifetime.
>
> Reason - to manage flooding and pollution and to ensure that a managing body is in place for the sustainable drainage system and there is funding and maintenance mechanism for the lifetime of the development.

2 Drainage Verification



Figure 01: Underlining of Attenuation Tank area



Figure 02: Outer textile of Attenuation Tank being prepared



Figure 03: Installation of Attenuation Tank and lining



Figure 04: Further Attenuation Tank works



Figure 05: Further Attenuation Tank works



Figure 06: Pipe installation and bedding to standard detail



Figure 07: PPIC and pipe run



Figure 08: PPIC and pipe run



Figure 09: Manhole access chamber construction



Figure 10: PCC Manhole works in progress



Figure 11: PCC Manhole internals prior to benching works



Figure 12: Bypass Separator installation

3 As Built Drawing

NOTE:
EXISTING SHALLOW SERVICES PRESENT UNDER BUILDING AND EXTERNAL WORKS AREAS. M&E ENGINEER TO CONFIRM LIVE STATUS OF SERVICES. CONTRACTOR LIAISON WITH STATUTORY PROVIDERS TO BE UNDERTAKEN TO UNDERSTAND REQUIREMENTS FOR CONSTRUCTION AND TO ARRANGE PROTECTIONS / DIVERSIONS.

Proposed Class 1 Bypass Separator with silt capacity to drain an area of 975m2.
CL:36.833
IL:35.243
DEPTH:1.590

Proposed 14m long x 3m wide x 1m deep surface water cellular attenuation system to achieve a storage volume of 40m3 to cater for the 1 in 100 year storm event +45% for climate change
CL:36.687
Top of Tank: 35.978
Bottom of Tank: 34.978
SDS Geolight 400 or similar approved system

FLOW CONTROL
CL:36.910
IL:34.971
Sump: 34.592
Pre-cast and fitted flow control chamber. HydroBrake to restrict flow to 5l/s at a design head of 1.660m

MH6
CL:36.845
IL:35.581
DEPTH:1.264

MH7
CL:37.047
IL:34.992
DEPTH:2.055

FM2
CL:37.097
IL:34.907
DEPTH:2.190

1.003 1.7m 300Ø @1:200

1.005 7.4m 150Ø @1:115

7.8m 150Ø @1:80
Install non-return valve to prevent backflows into site and to prevent foul flows from entering the surface water attenuation system - to be discussed with Building Control

7.6m 150Ø @1:150

1.000 18.7m 150Ø @1:150

2.001 14.5m 150Ø @1:150

SMH03
CL:36.818
IL:35.426
DEPTH:1.392

FMH03
CL:36.802
IL:35.341
DEPTH:1.422

FMH02
CL:36.853
IL:35.431
DEPTH:1.422

SMH06
CL:36.880
IL:35.800
DEPTH:0.930

FMH05
CL:36.721
IL:35.195
DEPTH:1.526

SMH05
CL:36.932
IL:35.392
DEPTH:1.540

FMH08
CL:36.860
IL:35.089
DEPTH:1.771

FMH07
CL:36.857
IL:35.114
DEPTH:1.743

3.000 22.7m 150Ø @1:150

2.000 21.5m 150Ø @1:44

FMH04
CL:36.722
IL:35.264
DEPTH:1.458

FMH06
CL:36.725
IL:35.164
DEPTH:1.561

FMH01
CL:36.843
IL:35.461
DEPTH:1.382

SMH02
CL:36.668
IL:35.918
DEPTH:0.750

SMH04
CL:36.893
IL:35.543
DEPTH:1.350

Kingslea House

Access to Kingslea House parking to be retained

Francis Road

Cotton Lane

NOTES

1. THIS DRAWING IS NOT TO BE SCALED.
2. ALL DIMENSIONS AND LEVELS ARE TO BE CHECKED ON SITE BEFORE THE COMMENCEMENT OF WORKS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ARCHITECT AND ENGINEER FOR VERIFICATION. FIGURED DIMENSIONS ONLY ARE TO BE TAKEN FROM THIS DRAWING.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS' AND SERVICE ENGINEERS' DRAWINGS AND SPECIFICATIONS.
4. ALL LEVELS ARE IN METRES UNLESS NOTED OTHERWISE
5. EXISTING GROUND INFORMATION SHOWN ON THIS DRAWING IS ARE BASED MIDLAND SURVEY OPERATIONS TOPOGRAPHICAL SURVEY "21E217_3D.dwg" DATED AUG 21.
6. SITE LAYOUT TAKEN FROM SOUTHGATE & SARABIA ARCHITECTS DRAWING A23023-SASA-Z0-Z0-DR-A-91100 REV C02 DATED 2024.05.29.
7. EXISTING DRAINAGE BASED UPON DRAIN ALERT CCTV SURVEY REFERENCE "JN31612, FRANCIS ROAD" DATED 03/09/21.

LEGEND

- Proposed Boundary
- Existing NHS Building
- Proposed Surface Water Drainage
- Proposed Rain Water Pipe (RWP)
- Proposed Drainage Channel (DSU)
- Proposed Gully (SG)
- Proposed Attenuation Tank
- Proposed Petrol Interceptor
- Proposed Foul Drainage
- Proposed Foul Pop Up
- Proposed Trapped Floor Gully (TG)
- Existing Private Combined Drainage
- Existing Private Combined Drainage to be abandoned
- Existing Public Combined Sewer
- Existing Transferred Public Combined Sewer (to be repaired by UU as per the CCTV survey recommendations)

DRAINAGE NOTES :

1. THIS DRAWING IS NOT TO BE SCALED.
2. THE CONTRACTOR SHALL CHECK ALL DIMENSIONS AND LEVELS ON SITE.
3. 'MARKED UP' DRAWINGS ARE TO BE PROVIDED TO THE ENGINEER UPON COMPLETION TO ENABLE PRODUCTION OF 'AS BUILT' DRAWING IN ACCORDANCE WITH CONSTRUCTION (DESIGN & MANAGEMENT): 2015 REGULATIONS 22(j).
4. THE CONTRACTOR SHALL ALLOW FOR THE PROTECTION, TEMPORARY AND PERMANENT SUPPORT AND DIVERSION WORKS AS NECESSARY, TO ALL EXISTING SERVICES TO THE SATISFACTION OF THE PUBLIC UTILITIES.
5. THE CONTRACTOR SHALL ALLOW FOR DEALING WITH SURFACE WATER RUN-OFF INTO EXCAVATION AND FROM GROUNDWATER BY MEANS OF SUMPS, PUMPING AND DE-WATERING AS APPROPRIATE, IN ORDER TO KEEP THE EXCAVATION AS REASONABLY DRY AS POSSIBLE DURING THE CONSTRUCTION OF THE WORKS,
6. ALL EXTERNAL DRAINAGE WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH 'CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY' 7th EDITION FOR ADOPTABLE DRAINAGE, AND TO THE RELEVANT PROJECT SPECIFICATION AS DIRECTED BY THE ENGINEER FOR PRIVATE DRAINAGE.
7. PIPE MATERIAL SHALL BE AS FOLLOWS:
   100Ø TO 225Ø - CLAYWARE TO BS EN 295
   300Ø AND ABOVE - CONCRETE TO BS EN 1916.
   DRAINAGE PROPOSED FOR ADOPTION TO COMPLY WITH THE MATERIALS SPECIFIED ABOVE.
   N.B PVCu PIPES TO BE EN 1401-1:1998 MAY BE USED SUBJECT TO THE APPROVAL OF THE ENGINEER. PIPES OF LESS THAN 400MM DIAMETER TO HAVE A RESISTANCE OF 270 BAR.
8. ALL FOUL PIPES ARE TO BE 100Ø UNLESS STATED OTHERWISE OR TO SUIT ABOVE GROUND PIPEWORK. SURFACE WATER PIPE DIAMETERS ARE AS INDICATED

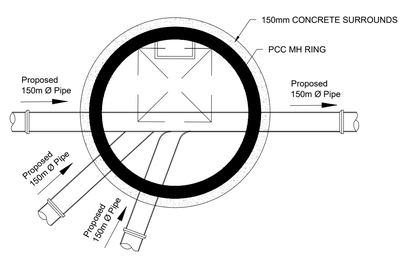
   PIPE GRADIENTS UNLESS SHOWN ARE:

   FOUL:
   MINIMUM GRADIENT WITH MIN. OF 1 W.C. TO BE 1:80
   MINIMUM GRADIENT WITH MIN. OF 5 W.C. TO BE 1:150
9. UNLESS OTHERWISE NOTED INVERT LEVEL AT REST BEND TO BE 450mm BELOW FFL. SLOW BENDS ARE REQUIRED AT THE BASE OF ALL SOIL AND VENT PIPES
10. ALL PROPOSED FOUL MANHOLES TO BE 600Ø PPIC MANHOLES.
11. CLAY AND CONCRETE PIPES SHALL BE BEDDED ON CLASS S BEDDING UNLESS COVER IS LESS THAN 1.2m IN TRAFFICKED AREAS, THEN CLASS Z BEDDING. DRAINAGE PROPOSED FOR ADOPTION TO COMPLY WITH THE BEDDINGS SPECIFIED ABOVE.
12. WHERE THE CROWN OF THE PIPE IS WITHIN 300MM OF THE UNDERSIDE OF THE SLAB, THE PIPEWORK SHOULD BE SURROUNDED WITH 150MM CONCRETE.
13. UPVC PIPES SHALL BE BEDDED ON CLASS P BEDDING UNLESS COVER IS LESS THAN 1.2m IN TRAFFICKED AREAS, THEN CLASS Q OR Z BEDDING.
14. BACKFILL TO TRENCHES MAY BE SUITABLE EXCAVATED MATERIAL IN LANDSCAPED AREAS & UNDER DRIVEWAYS, PATIOS ETC. TYPE 1 GRANULAR MATERIAL TO BE USED UNDER HARDSTANDINGS AND ROADS.
15. DESIGN OF THE DRAINAGE CHANNELS IS INDICATIVE ONLY. DETAILED DESIGN SHALL BE UNDERTAKEN BY THE CONTRACTOR'S PREFERRED CHANNEL MANUFACTURER/ SUPPLIER.
16. ALL MANHOLE AND DRAINAGE CHANNEL COVERS SHALL COMPLY WITH BS EN 124. MANHOLES LOCATED WITHIN TRAFFICKED AREAS TO HAVE D400 GRADE COVERS.
17. VENTILATION SHALL BE PROVIDED AT THE HEAD OF FOUL DRAINAGE RUNS. FOR SETTING OUT OF SOIL AND RAINWATER PIPES, SEE ARCHITECT'S LAYOUT "P16082-FCH-BA-B1-DR-A-3030" REV "."
18. ACCESS FOR RODDING/JETTING SHALL BE PROVIDED TO ALL SOIL AND RAINWATER DOWNPIPES ABOVE BASEMENT FLOOR LEVEL.
19. FOR DETAILS OF MANHOLE TYPES AND PIPE BEDDING ETC, SEE STANDARD DETAIL DRAWING(S).
20. COVER LEVELS SHOWN ARE APPROXIMATE. COVERS SHOULD BE ADJUSTED TO MATCH SURROUNDING FINISH LEVELS.
21. THE CONTRACTOR IS TO PROTECT EXISTING BURIED PIPES (PARTICULARLY SHALLOW PIPES) AND TREE ROOTS FROM DAMAGE CAUSED BY LOADS IMPOSED BY CONSTRUCTION.
22. ROCKERS PIPE REQUIRED WHERE DRAINAGE EXITS PAD FOUNDATION. REFER STANDARD DETAIL.
23. FOR DRAINAGE DETAILS REFER TO DRAWINGS "BGS-HYD-XX-XX-DR-C-0010_0011- Standard details Sheet 1-2"

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MH7
Type 2
CL 37.047
IL 34.992 1200Ø
Depth to Soffit 2.055

CMH2	
MH Diameter	1200mm
Cover Level	37.047
Invert Level	34.992
MH Type	2
Depth to Soffit	2.055
Cover Size	600 x 600mm
Cover Depth	150mm
Cover Spec	D400
Ladders or Double Steps	Ladder
Safety Chain	No
Safety Rails	No
Invert Access Steps	No
Hole In Cover Slab	600 x 600mm



REV						
AB01	AS BUILT ISSUE					
	N.Mehmood	28.07.25	T.Flanagan	28.07.25	N. Byrne	28.07.25
C07	MH DETAIL ADDED					
	N.Mehmood	16.01.25	C.Fell	16.01.25	N. Byrne	16.01.25
C06	UU FOUL SEWER UPDATED					
	S. Jones	02.12.24	M. Endacott	02.12.24	N. Byrne	02.12.24
C05	FOUL PPIC MANHOLES ADDED FOR POP-UPS					
	S. Jones	29.05.24	C. Massey	29.05.24	N. Byrne	29.05.24
REV	REVISION NOTES/COMMENTS					
	DRAWN BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE

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CLIENT
SOUTHWAY HOUSING TRUST

PROJECT
FRANCIS ROAD, WITHINGTON

TITLE
AS BUILT DRAINAGE LAYOUT

HYDROCK PROJECT NO.	SCALE @ A1
C-26721	1:200
STATUS DESCRIPTION: AS CONSTRUCTION RECORD	STATUS: CR
DRAWING NO. (PROJECT CODE-ORGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER): C26721-HYD-XX-XX-DR-C-0500	REVISION: AB01

4 Management & Maintenance Plan

To enable the water treatment process to occur as intended the drainage network shall require maintenance. The maintenance strategy and responsibilities are as set out in the tables below.

4.1 Table 1: General Maintenance of the Network

Component to be maintained	Actions	Frequency	Responsibility of:
Site wide external areas	Site to be generally kept free from litter and debris which may enter the drainage system.	On-going	Southway Housing Trust
Roof gutters	Check roof gutters for sediment, plant debris etc and clean as necessary	Annually	Southway Housing Trust
General network inc. pipes/ manholes/ catchpits/ gullies/ channel drains	Manholes covers to be lifted and inspected for sediment build up, remove as required	Annually	Southway Housing Trust

4.2 Table 2: General Maintenance of Attenuation Tanks (CIRIA SuDS Manual C753)

Operation and maintenance requirements for attenuation storage tanks		
Maintenance schedule	Required action	Typical frequency
Regular maintenance	Inspect and identify any areas that are not operating correctly. If required, take remedial action	Monthly for 3 months, then annually
	Remove debris from the catchment surface (where it may cause risks to performance)	Monthly
	For systems where rainfall infiltrates into the tank from above, check surface of filter for blockage by sediment, algae or other matter- remove and replace surface infiltration medium as necessary.	Annually
	Remove sediment from pre-treatment structures and/ or internal forebays	Annually or as requested
Remedial actions	Repair/rehabilitate inlets, outlet, overflows and vents	As required
Monitoring	Inspect/check all inlets, outlets, vents and overflows to ensure that they are in good condition and operating as designed	Annually
	Survey inside of tank for sediment build-up and remove if necessary	Every 5 years or as required

5 CCTV Report

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Project

Project Name: FRANCIS ROAD MANCHESTER

Project Date: 17/07/2025

Inspection Standard: MSCC5 Sewers & Drainage GB (SRM5 Scoring)

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Table of Contents

Project Name	Project Number	Project Date
FRANCIS ROAD MANCHESTER		17/07/2025

Project Information P-1

Section Item 1: BRANCH A > FMH01 (BRANCH AX) 1

Section Item 2: FMH01 > FMH02 (FMH01X) 2

Section Item 3: BRANCH A(1 > FMH02 (BRANCH A(1X) 3

Section Item 4: BRANCH B > FMH02 (BRANCH BX) 4

Section Item 5: FMH02 > FMH03 (FMH02X) 5

Section Item 6: BRANCH A(2 > FMH03 (BRANCH A(2X) 6

Section Item 7: BRANCH B(1 > FMH03 (BRANCH B(1X) 7

Section Item 8: FMH03 > FMH04 (FMH03X) 8

Section Item 9: BRANCH A(3 > FMH04 (BRANCH A(3X) 9

Section Item 10: BRANCH B(2 > FMH04 (BRANCH B(2X) 10

Section Item 11: FMH04 > FMH05 (FMH04X) 11

Section Item 12: BRANCH A(4 > FMH05 (BRANCH A(4X) 12

Section Item 13: BRANCH B(3 > FMH05 (BRANCH B(3X) 13

Section Item 14: FMH05 > FMH06 (FMH05X) 14

Section Item 15: BRANCH A(5 > FMH06 (BRANCH A(5X) 15

Section Item 16: BRANCH B(4 > FMH06 (BRANCH B(4X) 16

Section Item 17: FMH06 > FMH07 (FMH06X) 17

Section Item 18: BRANCH A(6 > FMH07 (BRANCH A(6X) 18

Section Item 19: FMH07 > FMH08 (FMH07X) 19

Section Item 20: BRANCH A(7 > FMH08 (BRANCH A(7X) 20

Section Item 21: BRANCH B(5 > FMH08 (BRANCH B(5X) 21

Section Item 22: FMH08 > MH7 (FMH08X) 22

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Project Information

Project Name	Project Number	Project Date
FRANCIS ROAD MANCHESTER		17/07/2025

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Section Inspection - 17/07/2025 - BRANCH AX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
1	1	17/07/25	10:43	Not Specified	Not Specified	Not Specified	BRANCH AX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
Not Specified	Not Specified	Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		**Inspection Direction:**	Upstream	**Upstream Node:**	BRANCH A
Road:		**Inspected Length:**	8.96 m	**Upstream Pipe Depth:**	
Location:		**Total Length:**	8.96 m	**Downstream Node:**	FMH01
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:		**Dia/Height:**	100 mm
Flow Control:		**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:		**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:78	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m FMH01						
	0.00	MH	Start node, manhole, reference: FMH01			
	3.68	CN	Connection other than junction at 9 o'clock, 100mm dia			
	6.60	CN	Connection other than junction at 9 o'clock, 100mm dia			
	8.96	BRF	Finish node, major connection without manhole, reference: BRANCH A: RESTBEND			
BRANCH A 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 - 17/07/2025 - FMH01X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
2	1	17/07/25	10:46	Not Specified	Not Specified	Not Specified	FMH01X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
Not Specified	Not Specified	Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		**Inspection Direction:**	Downstream	**Upstream Node:**	FMH01
Road:		**Inspected Length:**	2.55 m	**Upstream Pipe Depth:**	
Location:		**Total Length:**	2.55 m	**Downstream Node:**	FMH02
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:		**Dia/Height:**	150 mm
Flow Control:		**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:		**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m FMH01						
	0.00	MH	Start node, manhole, reference: FMH01			
	2.55	MHF	Finish node, manhole, reference: FMH02			
FMH02 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 - 17/07/2025 - BRANCH A(1X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
3	1	17/07/25	10:48	Not Specified	Not Specified	Not Specified	BRANCH A(1X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
Not Specified	Not Specified	Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		**Inspection Direction:**	Upstream	**Upstream Node:**	BRANCH A(1
Road:		**Inspected Length:**	8.88 m	**Upstream Pipe Depth:**	
Location:		**Total Length:**	8.88 m	**Downstream Node:**	FMH02
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:		**Dia/Height:**	100 mm
Flow Control:		**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:		**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:77	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m FMH02						
	0.00	MH	Start node, manhole, reference: FMH02			
	8.88	BRF	Finish node, major connection without manhole, reference: BRANCH A(1: RESTBEND			
BRANCH A(1 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 - 17/07/2025 - BRANCH BX

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
4	1	17/07/25	10:51	Not Specified	Not Specified	Not Specified	BRANCH BX

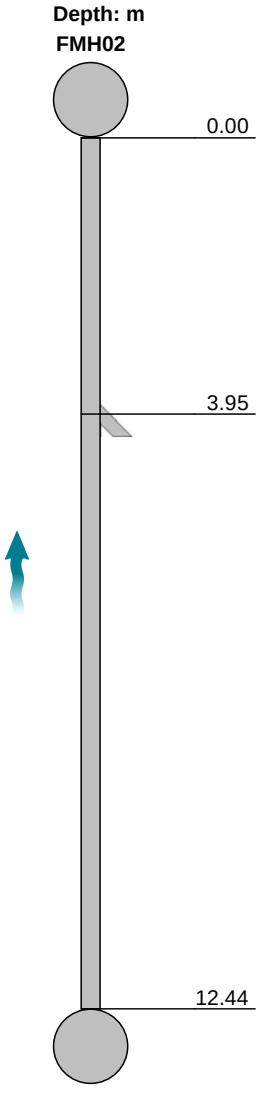
Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
Not Specified	Not Specified	Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		**Inspection Direction:**	Upstream	**Upstream Node:**	BRANCH B
Road:		**Inspected Length:**	12.44 m	**Upstream Pipe Depth:**	
Location:		**Total Length:**	12.44 m	**Downstream Node:**	FMH02
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:		**Dia/Height:**	100 mm
Flow Control:		**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:		**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:108



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node, manhole, reference: FMH02			
3.95	CN	Connection other than junction at 10 o'clock, 100mm dia			
12.44	BRF	Finish node, major connection without manhole, reference: BRANCH B: RESTBEND			

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 - 17/07/2025 - FMH02X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
5	1	17/07/25	10:54	Not Specified	Not Specified	Not Specified	FMH02X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
Not Specified	Not Specified	Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		**Inspection Direction:**	Downstream	**Upstream Node:**	FMH02
Road:		**Inspected Length:**	6.93 m	**Upstream Pipe Depth:**	
Location:		**Total Length:**	6.93 m	**Downstream Node:**	FMH03
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:		**Dia/Height:**	150 mm
Flow Control:		**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:		**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:60	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m FMH02						
	0.00	MH	Start node, manhole, reference: FMH02			
	6.93	MHF	Finish node, manhole, reference: FMH03			
FMH03 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 - 17/07/2025 - BRANCH A(2X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
6	1	17/07/25	10:57	Not Specified	Not Specified	Not Specified	BRANCH A(2X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
Not Specified	Not Specified	Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		**Inspection Direction:**	Upstream	**Upstream Node:**	BRANCH A(2
Road:		**Inspected Length:**	11.25 m	**Upstream Pipe Depth:**	
Location:		**Total Length:**	11.25 m	**Downstream Node:**	FMH03
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:		**Dia/Height:**	100 mm
Flow Control:		**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:		**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:98	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m FMH03						
	0.00	MH	Start node, manhole, reference: FMH03			
	7.83	CN	Connection other than junction at 3 o'clock, 100mm dia			
	11.25	BRF	Finish node, major connection without manhole, reference: BRANCH A(2: RESTBEND			
BRANCH A(2 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

WinCan

Section Inspection - 17/07/2025 - BRANCH B(1X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
7	1	17/07/25	11:00	Not Specified	Not Specified	Not Specified	BRANCH B(1X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
Not Specified	Not Specified	Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		**Inspection Direction:**	Upstream	**Upstream Node:**	BRANCH B(1
Road:		**Inspected Length:**	15.32 m	**Upstream Pipe Depth:**	
Location:		**Total Length:**	15.32 m	**Downstream Node:**	FMH03
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:		**Dia/Height:**	100 mm
Flow Control:		**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:		**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:133	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m FMH03						
	0.00	MH	Start node, manhole, reference: FMH03			
	15.32	BRF	Finish node, major connection without manhole, reference: BRANCH B(1: RESTBEND			
BRANCH B(1 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

WinCan

Section Inspection - 17/07/2025 - FMH03X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
8	1	17/07/25	11:03	Not Specified	Not Specified	Not Specified	FMH03X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
Not Specified	Not Specified	Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		**Inspection Direction:**	Downstream	**Upstream Node:**	FMH03
Road:		**Inspected Length:**	5.97 m	**Upstream Pipe Depth:**	
Location:		**Total Length:**	5.97 m	**Downstream Node:**	FMH04
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:		**Dia/Height:**	150 mm
Flow Control:		**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:		**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:52

Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m					
FMH03					
0.00	MH	Start node, manhole, reference: FMH03			
0.83	WL	Water level, 5% of the vertical dimension: HOLDING WATER			
5.97	MHF	Finish node, manhole, reference: FMH04			
FMH04					
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

WinCan

Section Inspection - 17/07/2025 - BRANCH A(3X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
9	1	17/07/25	11:06	Not Specified	Not Specified	Not Specified	BRANCH A(3X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
Not Specified	Not Specified	Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		**Inspection Direction:**	Upstream	**Upstream Node:**	BRANCH A(3
Road:		**Inspected Length:**	10.06 m	**Upstream Pipe Depth:**	
Location:		**Total Length:**	10.06 m	**Downstream Node:**	FMH04
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:		**Dia/Height:**	100 mm
Flow Control:		**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:		**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:88	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m FMH04						
	0.00	MH	Start node, manhole, reference: FMH04			
	2.12	WL	Water level, 5% of the vertical dimension: HOLDING WATER			
	10.06	BRF	Finish node, major connection without manhole, reference: BRANCH A(3: RESTBEND			
BRANCH A(3 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

WinCan

Section Inspection - 17/07/2025 - BRANCH B(2X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
10	1	17/07/25	11:10	Not Specified	Not Specified	Not Specified	BRANCH B(2X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
Not Specified	Not Specified	Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		**Inspection Direction:**	Upstream	**Upstream Node:**	BRANCH B(2
Road:		**Inspected Length:**	10.43 m	**Upstream Pipe Depth:**	
Location:		**Total Length:**	10.43 m	**Downstream Node:**	FMH04
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:		**Dia/Height:**	100 mm
Flow Control:		**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:		**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:91	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m FMH04						
	0.00	MH	Start node, manhole, reference: FMH04			
	10.43	BRF	Finish node, major connection without manhole, reference: BRANCH B(2: RESTBEND			
BRANCH B(2 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

WinCan

Section Inspection - 17/07/2025 - FMH04X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
11	1	17/07/25	11:12	Not Specified	Not Specified	Not Specified	FMH04X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
Not Specified	Not Specified	Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		**Inspection Direction:**	Downstream	**Upstream Node:**	FMH04
Road:		**Inspected Length:**	4.50 m	**Upstream Pipe Depth:**	
Location:		**Total Length:**	4.50 m	**Downstream Node:**	FMH05
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:		**Dia/Height:**	150 mm
Flow Control:		**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:		**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m FMH04						
	0.00	MH	Start node, manhole, reference: FMH04			
	4.50	MHF	Finish node, manhole, reference: FMH05			
FMH05 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

WinCan

Section Inspection - 17/07/2025 - BRANCH A(4X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
12	1	17/07/25	11:14	Not Specified	Not Specified	Not Specified	BRANCH A(4X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
Not Specified	Not Specified	Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		**Inspection Direction:**	Upstream	**Upstream Node:**	BRANCH A(4
Road:		**Inspected Length:**	10.28 m	**Upstream Pipe Depth:**	
Location:		**Total Length:**	10.28 m	**Downstream Node:**	FMH05
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:		**Dia/Height:**	100 mm
Flow Control:		**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:		**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:90	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m FMH05						
	0.00	MH	Start node, manhole, reference: FMH05			
	10.28	BRF	Finish node, major connection without manhole, reference: BRANCH A(4: RESTBEND			
BRANCH A(4 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

WinCan

Section Inspection - 17/07/2025 - BRANCH B(3X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
13	1	17/07/25	11:17	Not Specified	Not Specified	Not Specified	BRANCH B(3X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
Not Specified	Not Specified	Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		**Inspection Direction:**	Upstream	**Upstream Node:**	BRANCH B(3
Road:		**Inspected Length:**	12.84 m	**Upstream Pipe Depth:**	
Location:		**Total Length:**	12.84 m	**Downstream Node:**	FMH05
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:		**Dia/Height:**	100 mm
Flow Control:		**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:		**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:112

Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m					
FMH05					
0.00	MH	Start node, manhole, reference: FMH05			
12.84	BRF	Finish node, major connection without manhole, reference: BRANCH B(3: RESTBEND			
BRANCH B(3					
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

WinCan

Section Inspection - 17/07/2025 - FMH05X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
14	1	17/07/25	11:19	Not Specified	Not Specified	Not Specified	FMH05X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
Not Specified	Not Specified	Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		**Inspection Direction:**	Downstream	**Upstream Node:**	FMH05
Road:		**Inspected Length:**	1.04 m	**Upstream Pipe Depth:**	
Location:		**Total Length:**	1.04 m	**Downstream Node:**	FMH06
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:		**Dia/Height:**	150 mm
Flow Control:		**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:		**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m FMH05						
	0.00	MH	Start node, manhole, reference: FMH05			
	1.04	MHF	Finish node, manhole, reference: FMH06			
FMH06 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

WinCan

Section Inspection - 17/07/2025 - BRANCH A(5X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
15	1	17/07/25	11:22	Not Specified	Not Specified	Not Specified	BRANCH A(5X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
Not Specified	Not Specified	Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		**Inspection Direction:**	Upstream	**Upstream Node:**	BRANCH A(5
Road:		**Inspected Length:**	14.18 m	**Upstream Pipe Depth:**	
Location:		**Total Length:**	14.18 m	**Downstream Node:**	FMH06
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:		**Dia/Height:**	100 mm
Flow Control:		**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:		**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:123	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m FMH06						
	0.00	MH	Start node, manhole, reference: FMH06			
	13.30	CN	Connection other than junction at 3 o'clock, 100mm dia			
	14.18	BRF	Finish node, major connection without manhole, reference: BRANCH A(5: RESTBEND			
BRANCH A(5 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

WinCan

Section Inspection - 17/07/2025 - BRANCH B(4X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
16	1	17/07/25	11:24	Not Specified	Not Specified	Not Specified	BRANCH B(4X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
Not Specified	Not Specified	Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		**Inspection Direction:**	Upstream	**Upstream Node:**	BRANCH B(4
Road:		**Inspected Length:**	10.60 m	**Upstream Pipe Depth:**	
Location:		**Total Length:**	10.60 m	**Downstream Node:**	FMH06
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:		**Dia/Height:**	100 mm
Flow Control:		**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:		**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:92	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m FMH06						
	0.00	MH	Start node, manhole, reference: FMH06			
	10.60	BRF	Finish node, major connection without manhole, reference: BRANCH B(4: RESTBEND			
BRANCH B(4 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

WinCan

Section Inspection - 17/07/2025 - FMH06X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
17	1	17/07/25	11:27	Not Specified	Not Specified	Not Specified	FMH06X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
Not Specified	Not Specified	Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		**Inspection Direction:**	Downstream	**Upstream Node:**	FMH06
Road:		**Inspected Length:**	4.27 m	**Upstream Pipe Depth:**	
Location:		**Total Length:**	4.27 m	**Downstream Node:**	FMH07
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:		**Dia/Height:**	150 mm
Flow Control:		**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:		**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m FMH06						
	0.00	MH	Start node, manhole, reference: FMH06			
	4.27	MHF	Finish node, manhole, reference: FMH07			
FMH07 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

WinCan

Section Inspection - 17/07/2025 - BRANCH A(6X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
18	1	17/07/25	11:29	Not Specified	Not Specified	Not Specified	BRANCH A(6X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
Not Specified	Not Specified	Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		**Inspection Direction:**	Upstream	**Upstream Node:**	BRANCH A(6
Road:		**Inspected Length:**	12.86 m	**Upstream Pipe Depth:**	
Location:		**Total Length:**	12.86 m	**Downstream Node:**	FMH07
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:		**Dia/Height:**	100 mm
Flow Control:		**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:		**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:112

Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m					
FMH07					
0.00	MH	Start node, manhole, reference: FMH07			
7.09	WL	Water level, 5% of the vertical dimension: HOLDING WATER			
10.32	CN	Connection other than junction at 3 o'clock, 100mm dia			
11.85	CN	Connection other than junction at 3 o'clock, 100mm dia			
12.86	BRF	Finish node, major connection without manhole, reference: BRANCH A(6: RESTBEND			
BRANCH A(6					
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

WinCan

Section Inspection - 17/07/2025 - FMH07X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
19	1	17/07/25	11:33	Not Specified	Not Specified	Not Specified	FMH07X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
Not Specified	Not Specified	Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		**Inspection Direction:**	Downstream	**Upstream Node:**	FMH07
Road:		**Inspected Length:**	1.57 m	**Upstream Pipe Depth:**	
Location:		**Total Length:**	1.57 m	**Downstream Node:**	FMH08
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:		**Dia/Height:**	150 mm
Flow Control:		**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:		**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m FMH07						
	0.00	MH	Start node, manhole, reference: FMH07			
	1.57	MHF	Finish node, manhole, reference: FMH08			
FMH08 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

WinCan

Section Inspection - 17/07/2025 - BRANCH A(7X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
20	1	17/07/25	11:35	Not Specified	Not Specified	Not Specified	BRANCH A(7X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
Not Specified	Not Specified	Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		**Inspection Direction:**	Upstream	**Upstream Node:**	BRANCH A(7
Road:		**Inspected Length:**	9.58 m	**Upstream Pipe Depth:**	
Location:		**Total Length:**	9.58 m	**Downstream Node:**	FMH08
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:		**Dia/Height:**	100 mm
Flow Control:		**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:		**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:83

Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m					
FMH08					
0.00	MH	Start node, manhole, reference: FMH08			
9.58	BRF	Finish node, major connection without manhole, reference: BRANCH A(7: RESTBEND			
BRANCH A(7					
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

WinCan

Section Inspection - 17/07/2025 - BRANCH B(5X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
21	1	17/07/25	11:37	Not Specified	Not Specified	Not Specified	BRANCH B(5X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
Not Specified	Not Specified	Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		**Inspection Direction:**	Upstream	**Upstream Node:**	BRANCH B(5
Road:		**Inspected Length:**	10.18 m	**Upstream Pipe Depth:**	
Location:		**Total Length:**	10.18 m	**Downstream Node:**	FMH08
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:		**Dia/Height:**	100 mm
Flow Control:		**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:		**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:89	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m FMH08						
	0.00	MH	Start node, manhole, reference: FMH08			
	10.18	BRF	Finish node, major connection without manhole, reference: BRANCH B(5: RESTBEND			
BRANCH B(5 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

WinCan

Section Inspection - 17/07/2025 - FMH08X

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
22	1	17/07/25	11:39	Not Specified	Not Specified	Not Specified	FMH08X

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
Not Specified	Not Specified	Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		**Inspection Direction:**	Downstream	**Upstream Node:**	FMH08
Road:		**Inspected Length:**	7.17 m	**Upstream Pipe Depth:**	
Location:		**Total Length:**	7.17 m	**Downstream Node:**	MH7
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	

Use:	Foul	**Pipe Shape:**	Circular
Type of Pipe:		**Dia/Height:**	150 mm
Flow Control:		**Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Lining Type:**	No Lining
Inspection Purpose:		**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:63

Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m					
FMH08					
0.00	MH	Start node, manhole, reference: FMH08			
7.17	MHF	Finish node, manhole, reference: MH7			
MH7					
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