Version 4.0

CRITICAL DRAINAGE DEFECTS REMEDIATION SCHEDULE

COMBINED DRAINAGE SURVEY

Drawing Number	Defect Number	Start Node	End Node	Line Use	From	To	Grade	Defect Type	Defect	Remarks	Repair Comment
201	D123	MH06	TANK	SW	3.69	3.69	3	Service and Operational Observations	Roots, mass, 10% cross sectional area loss		Cleansing and cutting of roots, jetting required
	D124				3.91	3.91	4	Structural	Fractures, multiple from 12 o'clock to 12 o'clock		Patch repair required. Refer to Detail 1 on drawing 22333-Y-DR-206
	D125				5.89	5.89	4	Structural	Joint displaced, large		Excavation and replacing damaged section, jetting required after. Refer to Detail 2 on drawing 22333-Y-DR-206
	D126				6.30	6.79	4	Service and Operational Observations	Settled deposits, fine, 30% cross sectional area loss	Loss of vision due to silt	Cleansing and cutting of roots, jetting required
	D127				7.53	7.53	4	Service and Operational Observations	Settled deposits, fine, 50% cross sectional area loss	Survey abandoned due to silt at 8.26	Cleansing and cutting of roots, jetting required
201	D129	XX04	SVP	FW	8.29	8.29	3	Structural	Joint displaced, medium		Patch repair required. Refer to Detail 1 on drawing 22333-Y-DR-206
	D130				9.61	9.61	4	Structural	Joint displaced, large		Excavation and replacing damaged section, jetting required after. Refer to Detail 2 on drawing 22333-Y-DR-206
	D131				16.63	16.63	4	Service and Operational Observations	Settled deposits, fine, 40% cross sectional area loss	Survey abandoned at 16.65 due to silt levels	Cleansing and cutting of roots, jetting required
201	D132	XX04	XX03	FW	0.06	0.06	3	Structural	Fracture, longitudinal at 12 o'clock		Excavation and replacing damaged section, jetting required after. Refer to Detail 2 on drawing 22333-Y-DR-204
	D134				1.50	1.50	3	Structural	Fracture, longitudinal at 12 o'clock		
	D135				1.69	1.69	4	Structural	Hole in drain or sewer at 12 o'clock		
	D136				2.16	2.16	4	Service and Operational Observations	Roots, tap		
	D137				3.16	3.16	4	Structural	Hole in drain or sewer at 1 o'clock		
	D138				5.47	5.47	3	Structural	Joint displaced, medium		Patch repair required. Refer to Detail 1 on drawing 22333-Y-DR-206
	D139				12.89	12.89	4	Structural	Joint displaced, large		Excavation and replacing damaged section, jetting required after. Refer to Detail 2 on drawing 22333-Y-DR-206
201	D140	A1	TANK	SW	0.00	4.55	4	Service and Operational Observations	Settled deposits, fine, 30% cross sectional area loss		Cleansing and cutting of roots, jetting required
	D141				7.13	9.52	4	Service and Operational Observations	Settled deposits, fine, 30% cross sectional area loss		Cleansing and cutting of roots, jetting required
	D142				11.00	End	5	Service and Operational Observations	Settled deposits, fine, 80% cross sectional area loss	Loss of vision due to silt; Survey abandoned at 11.10 due to silt levels	Cleansing and cutting of roots, jetting required
201	D143	A1	UNKNOWN	SW	0.00	5.59	4	Service and Operational Observations	Settled deposits, fine, 30% - 80% cross sectional area loss		Cleansing and cutting of roots, jetting required
	D144				0.00	5.59	4	Service and Operational Observations	Roots, fine at joint	Survey abandoned at 6.00 due to silt levels	Cleansing and cutting of roots, jetting required
201	D145	RWP1	NODE	SW	0.00	0.00	4	Service and Operational Observations	Settled deposits, fine, 20% cross sectional area loss		Cleansing and cutting of roots, jetting required
	D146				0.20	0.20	5	Service and Operational Observations	Settled deposits, fine, 90% cross sectional area loss	Survey abandoned at 0.22 due to silt levels	Cleansing and cutting of roots, jetting required
201	D147	VENT	NODE	FW	0.59	0.59	4	Service and Operational Observations	Settled deposits, fine, 30% cross sectional area loss	Major connection without manhole	Cleansing and cutting of roots, jetting required
201	D148	XX02	XX01	CW	0.00	0.00	4	Service and Operational Observations	Settled deposits, fine, 40% cross sectional area loss		Excavation and replacing damaged section, jetting required after. Refer to Detail 2 on drawing 22333-Y-DR-206
	D149				0.10	0.10	4	Structural	Hole in drain or sewer at 12 o'clock		
	D151				1.11	3.34	4	Miscellaneous	Loss of vision, silt	Survey abandoned due to silt levels at 3.34	Cleansing and cutting of roots, jetting required

NOTE:

Clean out all gutters and downpipes

All recommendations above refer to scenario where all existing drainage is retained with exceptions of replacements. In that case, all pipe runs from Rain water pipes/gullies to a main line should be cleaned out, roots cut and restore flow of water

The option of replacing the entire network ie surface water, foul water and combined water drains might be more ideal and this drawing will be updated accordingly after pricing to confirm most economical recommendation.

Notes

1. This drawing is subject to copyright and must not be reproduced, stored or transmitted in any form without prior permission from Mason Clark Associates.
2. This drawing is not to be scaled. All dimensions are to be checked on site by the contractor. Any discrepancies are to be notified to Mason Clark Associates. Obtain instructions prior to works commencing.
3. This drawing is to be read in conjunction with all the relevant contract drawings and specifications.
4. All dimensions are in millimetres and all levels are in metres AOD unless noted otherwise.
5. All work shall be carried out in accordance with Local Authority, Statutory Authority and Health & Safety Regulations.
6. Mason Clark Associates are not responsible for determining the appropriate fire period, fire boundary conditions or the associated design of fire protection or inherent fire resistance to any elements of structure, including all frames, posts, beams, joists, roof members and secondary structural elements such as lintels. Refer to the Architect or Project Manager for this information.

Drainage Notes

1. Existing drainage locations including routes and manhole positions are based on AHR Building Consultancy Limited's Existing Topographical Survey Drawing '2024.00557.SU01' and Existing Utility Mapping Drawing '2024.00557.UM01'. These drawings were accompanied by CCTV Report '2024.00557.CCTV01' dated 23/10/2024.
2. The drawing is also based on Willow Pump's 'Oakwell Hall Drainage Investigation Schematic Drawing' of Drawing number 001 dated 19/11/2025. The Investigations were accompanied by a CCTV report 'Oakwell Hall (v2)' dated 11/11/2025.
3. This Drawing only includes defects categorised as Grade 3 or higher within the CCTV Surveys as per the Defect Grade Description in the Bury Associates' CCTV report. The grade is shown both on this schedule and on plan on drawings 22333-Y-DR-201 and 22333-Y-DR-202.
4. For a full site drainage remediation schedule, refer to drawings 22333-Y-DR-203.
5. This schedule is to be read in conjunction with drawings 22333-Y-DR-201 and 22333-Y-DR-202.
6. Where CCTV does not indicate an upstream MH reference, for example at SVPs, a branch connection from the downstream chamber has been marked but the actual pipe run is to be confirmed on site.

Rev	Details	By	Date
P1	Preliminary Issue	MKN	21.01.2026

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Client.
Kirklees Council

Project.
Oakwell Hall

Title.
Critical Drainage Defects Remediation Schedule
Sheet 2 of 2

Drawn: MKN	Checked: CB	Date: Jan 2026
Scale @ A1 : N.T.S		
Drawing No : 22333-Y-DR-205	Rev: P1	

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