

CCTV REPORT FOR: HELIOS HOUSE
CLARKES LANE
BARSHAM
NR34 8HN

CONTENTS: SITE LAYOUT
CCTV SURVEY DETAILS
FOUNDATION RECORD
DEEP DATUM RECORD
INVESTIGATION SUMMARY
RECOMMENDATIONS
PHOTOGRAPHS
ROOT IDENTIFICATION
LIMITATION OF REPORT



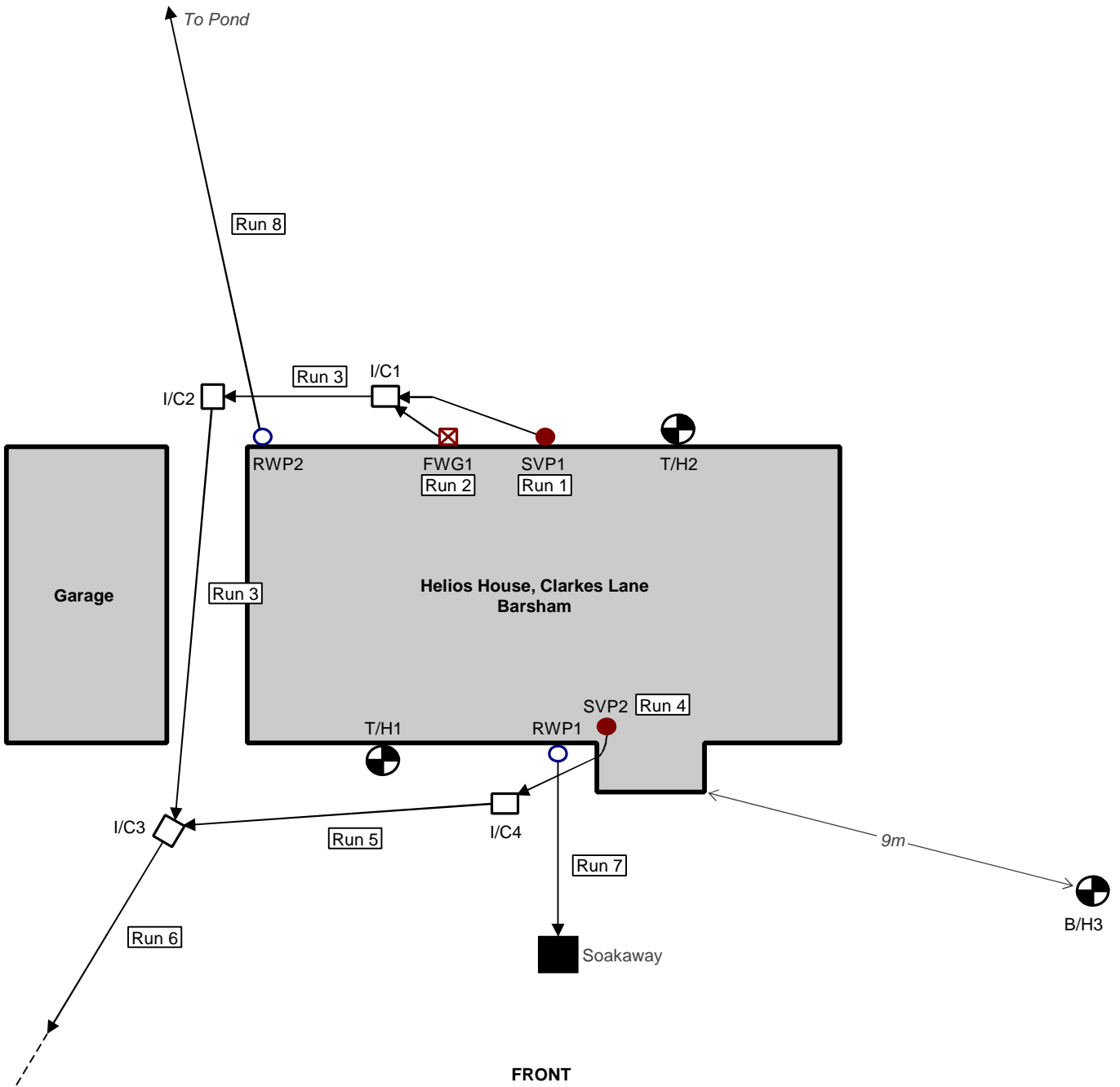
Client: 360Globalnet
Regus House
Herald Way
Pegasus Business Park
Castle Donington
DE74 2TZ

Insured: Mrs. Ann Gaskin
Reference: LIV-SN-22-006091 Ins Ref: 610-11-000307

Site Visit: 03-Apr-23
Report Date: 12-May-23

Site Crew: MF

Date: 03-Apr-23



(This plan is not to be scaled and is provided to illustrate general layout only)

General Comments:

Note: Runs shown in red have been adopted by the local water authority.

- Key :**
- = Storm Gully
 - = Storm Pipe
 - = Foul Gully
 - = W/C or Soil Pipe
 - = Inspection Chamber
 - = Rodding Eye
 - = Surveyed pipe indicating flow
 - - - - - = Unsurveyed pipe
 - = Exploratory Hole (hand dug pit and/or hand auger)
 - - - - - = Boundary line
 - = Hedges & Shrubs
 - = Trees & bushes
 - = Area of damage

Address: HELIOS HOUSE, CLARKES LANE, BARSHAM, NR34 8HN



Drainage
Repair Company
CCTV SURVEY DETAILS

Site Crew: MF				Date: 03-Apr-23	
<u>RUN:</u> 1	Pipe Dia. (mm): 100	System: Foul Water	Made of: Plastic		
From: I/C1	Inv (m): 0.50	Upstream	To: SVP1	Inv (m): -	
Metres	Faults / Defects		Remarks		
0.00			At I/C1		
3.00	No Visible Defects		At rest bend to SVP1		
			End of survey		
<u>RUN:</u> 2	Pipe Dia. (mm): 100	System: Foul Water	Made of: Glazed Clay		
From: I/C1	Inv (m): 0.50	Upstream	To: FWG1	Inv (m): -	
Metres	Faults / Defects		Remarks		
0.00			At I/C1		
0.60			Material changes to plastic		
0.90	No Visible Defects		At FWG1		
			End of survey		
<u>RUN:</u> 3	Pipe Dia. (mm): 100	System: Foul Water	Made of: Glazed Clay		
From: I/C1	Inv (m): 0.50	Downstream	To: I/C3	Inv (m): 1.00	
Metres	Faults / Defects		Remarks		
0.00			At I/C1		
2.30			At I/C2		
5.10			Inlet at 10 o'clock to WC		
11.50	No Visible Defects		At I/C3		
			End of survey		
<u>RUN:</u> 4	Pipe Dia. (mm): 100	System: Foul Water	Made of: Plastic		
From: I/C4	Inv (m): 0.80	Upstream	To: SVP2	Inv (m): -	
Metres	Faults / Defects		Remarks		
0.00			At I/C4		
1.60			Pipe bends left		
2.00	No Visible Defects		At rest bend to SVP2		
			End of survey		
<u>RUN:</u> 5	Pipe Dia. (mm): 100	System: Foul Water	Made of: Plastic		
From: I/C4	Inv (m): 0.80	Downstream	To: I/C3	Inv (m): 1.00	
Metres	Faults / Defects		Remarks		
0.00			At I/C4		
5.00	No Visible Defects		At I/C3		
			End of survey		
Address: HELIOS HOUSE, CLARKES LANE, BARSHAM, NR34 8HN					



Drainage
Repair Company
CCTV SURVEY DETAILS

Site Crew: MF Date: 03-Apr-23

RUN: 6 Pipe Dia. (mm): 100 System: Foul Water Made of: Glazed Clay
From: I/C3 Inv (m): 1.00 Downstream To: Front Inv (m): -

Metres	Faults / Defects	Remarks
0.00		At I/C3
5.00	No Visible Defects	Past area of concern
		End of survey

RUN: 7 Pipe Dia. (mm): 100 System: Storm Water Made of: Plastic
From: RWP1 Inv (m): - Downstream To: Soakaway Inv (m): -

Metres	Faults / Defects	Remarks
0.00		At RWP1
4.00	No Visible Defects	At soakaway
		End of survey

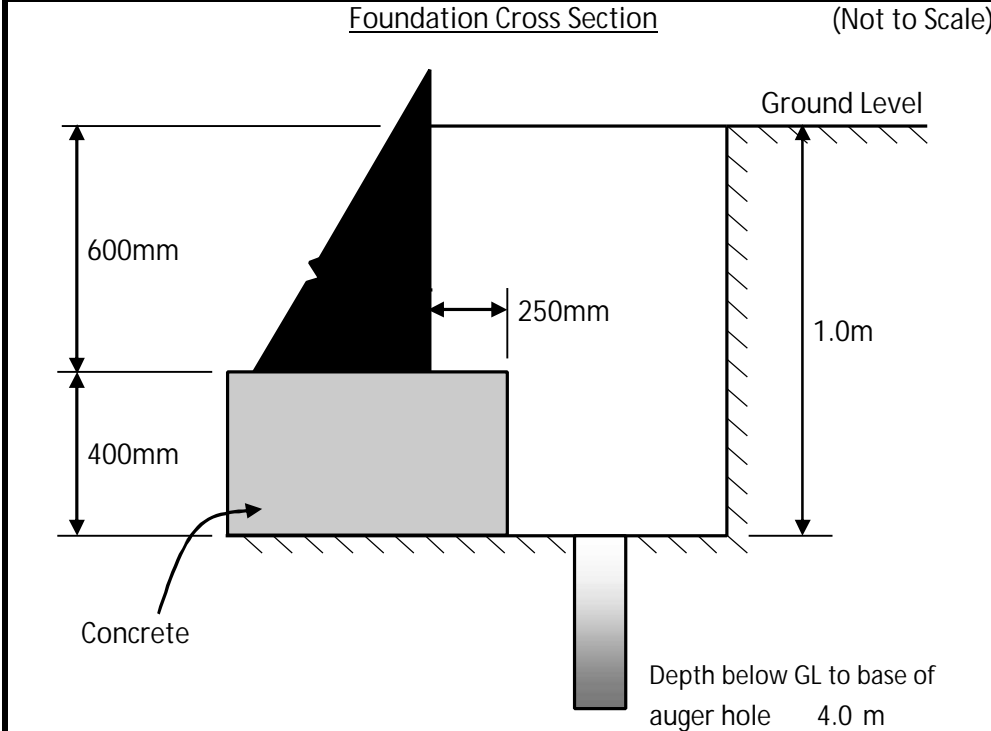
RUN: 8 Pipe Dia. (mm): 100 System: Storm Water Made of: Plastic
From: RWP2 Inv (m): - Downstream To: Pond Inv (m): -

Metres	Faults / Defects	Remarks
0.00		At RWP2
10.00	No Visible Defects	At outfall to pond
		End of survey

Defects shown in **RED** relate to runs adopted by the Local Water Authority

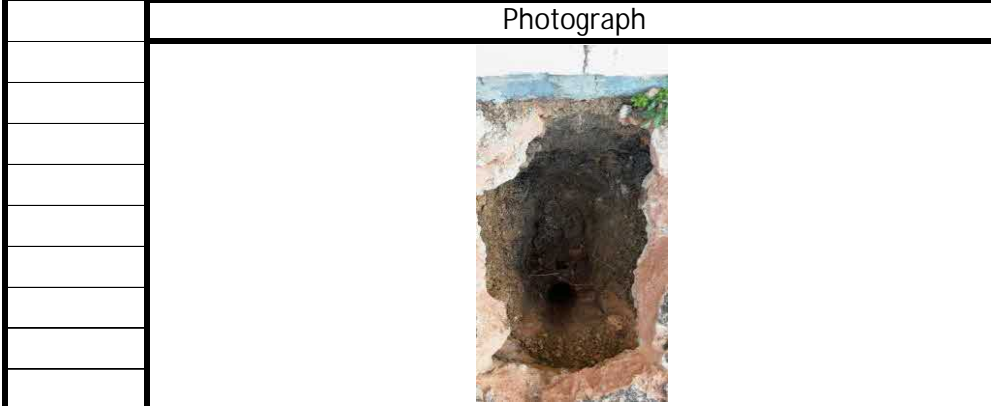
Address: HELIOS HOUSE, CLARKES LANE, BARSHAM, NR34 8HN

Location: Front Elevation	T/H No. 1
Ground Surface: Dry	Weather: Dry
	Date: 03-Apr-23



Roots Depth & Diameter:
From 1.0m
Down to 1.5m
up to 2mm diameter
Water Depth Hit & Rise:
None observed on site
Reason for Termination:
Encountered obstruction
Bedrock (chalk)

Depth (m)	Soil Descriptions (NB: Field crew description only)	Test Type	Depth (m)	
			From	To
G.L.				
1.00	Firm brown CLAY	V(n) 44	1.000	
1.50	Firm/stiff brown CLAY with some chalk	V(n) 52	1.500	
4.00	End of Borehole	V(n) 55	2.000	
		V(n) 56	2.500	
		V(n) 54	3.000	
		V(n) 57	3.500	
		Mac 50+	4.000	4.075

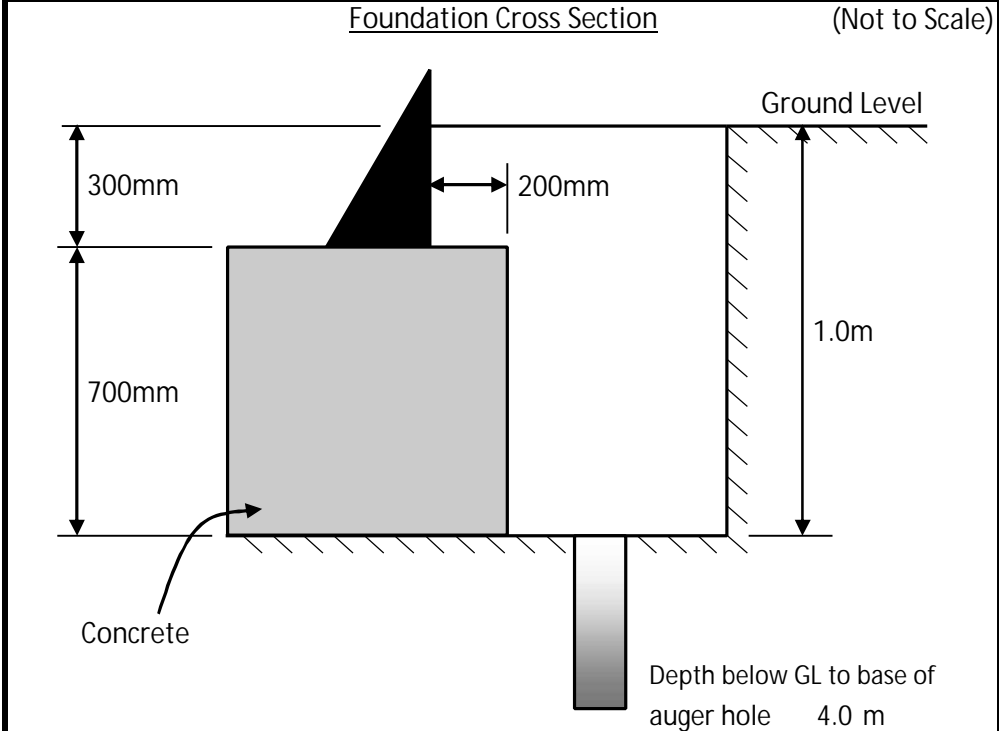


General Comments :

Key: Mac=Macintosh Probe, V(n)=Natural Shear Vane, P.P. = Pocket Penetrometer

Address: HELIOS HOUSE, CLARKES LANE, BARSHAM, NR34 8HN

Location: Rear Elevation	T/H No. 2
Ground Surface: Dry	Weather: Dry
	Date: 03-Apr-23

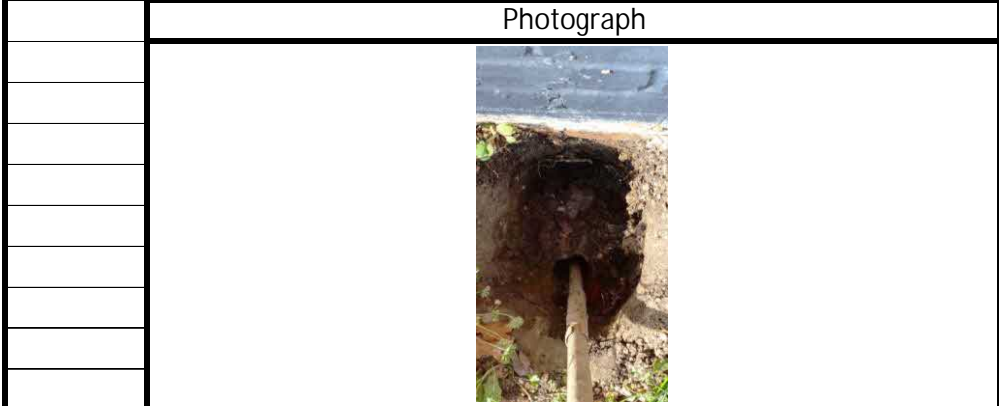


Roots Depth & Diameter:
None observed on site

Water Depth Hit & Rise:
None observed on site

Reason for Termination:
Encountered obstruction
Bedrock (chalk)

Depth (m)	Soil Descriptions (NB: Field crew description only)	Test Type	Depth (m)	
			From	To
G.L.				
1.00	Firm brown CLAY	V(n) 42	1.000	
1.50	Firm/stiff brown CLAY with some chalk	V(n) 51	1.500	
4.00	End of Borehole	V(n) 53	2.000	
		V(n) 53	2.500	
		V(n) 54	3.000	
		V(n) 53	3.500	
		Mac 50+	4.000	4.075



General Comments :

Key: Mac=Macintosh Probe, V(n)=Natural Shear Vane, P.P. = Pocket Penetrometer

Address: HELIOS HOUSE, CLARKES LANE, BARSHAM, NR34 8HN



Drainage
Repair Company
DEEP DATUM RECORD

Location: Right Hand Side of House B/H No. 3

Ground Surface: Dry Weather: Dry Date: 03-Apr-23

Borehole Only

Roots Depth & Diameter:
None observed on site

Water Depth Hit & Rise:
None observed on site

Reason for Termination:
Encountered obstruction
Bedrock (chalk)

Depth (m)	Soil Descriptions (NB: Field crew description only)	Test Type	Depth (m)	
			From	To
G.L.				

General Comments :

Datum installed at 4.0m below ground.

Key: Mac=Macintosh Probe, V(n)=Natural Shear Vane, P.P. = Pocket Penetrometer

Address: HELIOS HOUSE, CLARKES LANE, BARSHAM, NR34 8HN

EXECUTIVE SUMMARY

Brief:	The Drainage Repair Company Ltd were commissioned to undertake a CCTV survey / inspection of the drainage at the property.
Specific Area of Interest:	Accessible drainage within 3m of areas of damage.
System Access:	Inspection chambers on property.
Visual Survey:	N/A
Water Pressure Test:	Pass - no leak detected on water supply.

SUMMARY OF FINDINGS

Defects requiring repair:	No
Is any damaged section shared:	N/A
No. of properties sharing:	N/A
Age of property / system:	Drainage system appears to be of mixed age.
Cause of damage:	N/A

GENERAL SUMMARY

The results of the CCTV / inspection survey to the underground drainage system at the above address are as follows:

Run 1 - Foul - Private:

No visible pipework defects.

Run 2 - Foul - Private:

No visible pipework defects.

Run 3 - Foul - Private:

No visible pipework defects.

Run 4 - Foul - Private:

No visible pipework defects.

Run 5 - Foul - Private:

No visible pipework defects.

Run 6 - Foul - Private:

No visible pipework defects.

Run 7 - Storm - Private:

No visible pipework defects.

Run 8 - Storm - Private:

No visible pipework defects.

RECOMMENDATIONS

The surveyed pipework is in good condition with no observed defects.

No recommendations are required.



I/C1



I/C2



I/C3



I/C4



SVP1



FWG1



RWP1 discharge to pond at rear



RWP2



T/H1



T/H1



T/H2



T/H2



Root identification
Vegetation surveys
Tree/Building investigations
Plant taxonomy

Richardson's Botanical Identifications

The Drainage Repair Company
Suite 15, Leatherline House
71 Narrow Lane
AYLESTONE
Leicester LE2 8NA

11/05/2023

Dr Ian B K Richardson
BSc, MSc, PhD, MRSB, FLS
James Richardson
BSc (Hons. Biology)

Enterprise House
49-51 Whiteknights Road
Reading
RG6 7BB

Tel: [REDACTED] (*Direct line*)

E-mail: [REDACTED]

Web: www.botanical.net

Your ref: **Root ID**

Our ref: **86/5409**

Dear Sirs

Helios House, Clarkes Lane NR34 8HN

The samples you sent in relation to the above on 04/04/2023 have been examined. Their structures were referable as follows:

TP/BH1, 1.0-1.5m		
5 no.	Examined root: similar in many ways to the family Rosaceae, subfamily ROSOIDEAE (shrubs including Roses, Brambles, Raspberries, Kerria and Potentilla). Slightly tentative - this sample was in POOR condition; it also had NO BARK.	Very decayed*.

I trust this is of help. Please call us if you have any queries; our Invoice is enclosed.

Yours faithfully

Dr Ian B K Richardson

*

Based mainly on the Iodine test for starch. Starch is present in some cells of a living woody root, but is more or less rapidly broken down by soil micro-organisms on death of the root, sometimes before decay is evident. This result need not reflect the state of the parent tree.

** Try out our web site on www.botanical.net **

Identified with no information on vegetation, on or off site.

Report commissioned by



Address: HELIOS HOUSE, CLARKES LANE, BARSHAM, NR34 8HN

We were commissioned to carry out an inspection of the accessible areas of the drainage to the property, identifying any major defects and recommending any repair works that may be necessary. It should be appreciated that the exact layout of the system cannot be confirmed without the exposure of inaccessible branches and connections etc.

The lack of any significant defects within the main drainage line should not be regarded as a guarantee of water tightness. Defects may be encountered upon exposure of inaccessible branches and gullies etc.

The contents of this report are strictly confined to comments concerning those terms outlined above. It is not a structural survey and must not be construed as such.

The views expressed in this report are based entirely upon a visual examination of the drainage, supported by information obtained from a CCTV inspection / water pressure test.