

CCTV REPORT FOR: 1a DURLEY AVENUE

WATERLOOVILLE

PO8 8XA

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ROOT IDENTIFICATION LIMITATION OF REPORT



Client: 360Globalnet

Regus House Herald Way

Pegasus Business Park

Castle Donington

DE74 2TZ

Insured: Mr Reynolds
Reference: LIV-SN-22-005818

Site Visit: 15-Feb-23 Report Date: 27-Apr-23



Site Crew: AJE Date: 15-Feb-23 Soakaway 🔻 Run 1 T/H1 RWP1 Garage B/H2 Next Door 1a Durley Avenue **FRONT** (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. <u> Key</u> : ☐ = Storm Gully ☐ = Storm Pipe 🔀 = Foul Gully = W/C or Soil Pipe = Inspection Chamber O = Rodding Eye → = Surveyed pipe indicating flow ----- = Unsurveyed pipe = Exploratory Hole (hand dug pit and/or hand auger) -·--·- = Boundary line = Area of damage = Hedges & Shrubs = Trees & bushes Address: 1a DURLEY AVENUE, WATERLOOVILLE, PO8 8XA



Site Crew:	AJE				Date:	15-Feb-23
<u>RUN:</u> 1	Pipe Dia. (mm): 100	System:	Storm Water	Made of:	Plastic	
From:	RWP1 Ir	nv (m): -	Downstream	To: Soakaway		Inv (m): -
Metres	Faults	/ Defects		Rer	narks	
0.00				At RWP1		
1.90	Debris (Silt) 25%					
	Root Ingress					
3.20				At Soakaway		
				End of survey		

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



	FOUND	ATION RECORD			
Location:	Rear of garage			T/H No.	1
Ground Surf	ace: Dry	Weather: Dry		Date: 15	5-Feb-23
	Foundation Cross Section	<u>1</u> (Not to Scale)	Roots Dept	h & Diamete	er:
			From 0.8m		
	4		Down to 1.	8m	
			up to 2mm	diameter	
		Ground Level			
<u> </u>			Water Dep	th Hit & Rise	:
	<i></i>		Hit at 3.2m		
500m	nm /				
30011	160mm	0.8m			
		0.0111			
*	(1 min 1 mi				
300n	nm 📙		Reason for	Termination	
<u> </u>		<u> </u>		ructed dept	
	/		Tole at 113t	. acted dept	•
Concr	/ ete				
Conci		Depth below GL to base of			
		auger hole 5.0 m			
Depth	Soil Description		Test	Dept	h (m)
(m)	(NB: Field crew descript		Type	From	To
G.L.	(NB. Field Crew descript	ion only)	туре	110111	10
0.80	Stiff brown mottled grey slightly gravelly	^I ∧V	V(n) 140+	0.800	
1.00	Stiff brown mottled grey CLAY	CLAT	V(n) 140+	1.000	
4.00	Stiff brown mottled grey clari	۸V	V(n) 140+ V(n) 140+	1.500	
5.00	End of Borehole	A I	V(n) 140+ V(n) 140+	2.000	
3.00	Lift of Borenole		V(n) 140+ V(n) 128	2.500	
				3.000	
			V(n) 110 V(n) 100	3.500	
	Photograph		V(n) 100 V(n) 122	4.000	
	Filotograph		V(n) 122 V(n) 100	4.500	
	Market State of the State of th		V(II) 100	4.300	
Concret Ca	mmonts:				
General Co	innents.				
	Vous Mac-Macintoch Broke 1//-1 14	atural Charliana D.D D	kat Danatur	matar	
	Key: Mac=Macintosh Probe, V(n)=N	uturui Silear Vaile, P.P. = POC	kel Penetror	netel	
Address:	1a DURLEY AVENUE, WATERLOOVI	LLE, PO8 8XA			



Location:	Front left remote			B/H No.	2
Ground Surf	ace: Dry	Weather: Dry		Date: 1	5-Feb-23
			Roots Dept	h & Diamet	er:
			From 0.8m		
			Down to 1.	8m	
			up to 2mm	diameter	
			Water Dep	th Hit & Rise	e:
			Hit at 3.5m		
	Borehole Only				
			Reason for	Terminatio	n:
				ructed dept	
<u>Depth</u>	Soil Description	ons	<u>Test</u>	Dep	t <u>h</u> (m)
(m)	(NB: Field crew descrip		Туре	From	To
G.L.					
0.80	Stiff brown slightly gravelly sandy CLAY		V(n) 90	0.800	
1.00	Stiff brown mottled grey slightly gravelly	CLAY	V(n) 88	1.000	
4.00	Stiff brown mottled grey slightly gravelly		V(n) 90	1.500	
5.00	End of Borehole		V(n) 110	2.000	
			V(n) 88	2.500	
			V(n) 120	3.000	
			V(n) 108	3.500	
	Photograph	1	V(n) 100	4.000	
			V(n) 80	4.500	
General Co	mments :		-	<u>-</u>	•
	Key: Mac=Macintosh Probe, V(n)=N	Natural Shear Vane, P.P. =	Pocket Penetroi	neter	
۸ ddrass:	12 DUBLEY AVENUE WATERLOOV				

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: Rain water pipe for the garage

System Access: RWP1

Visual Survey: N/A

Water Pressure Test: Yes - PASS

SUMMARY OF FINDINGS

Defects requiring repair: No

Is any damaged section shared: No

No. of properties sharing: N/A

Age of property / system: Unknown

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 - Storm - Private:

Some debris in the pipe and slight root ingress.

Water flowing well from RWP



Ve would rec	ommend returning the	system to a water	tight condition b	y repairing the de	fects as follows:
un 1:					
	dations are required.				















SUMMARY OF LABORATORY SOIL DESCRIPTIONS

Description of Sample		Brown mottled grey slightly gravelly CLAY.	Brown mottled grey slightly sandy CLAY.	Brown mottled grey slightly sandy CLAY.											
Base	Depth m		1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00					
Top	Depth m	080	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50					
Sample	Type														
Sample	Number														
Hole	Number	TP/BH1	TP/BH1	TP/BH1	TP/BH1	TP/BH1	TP/BH1	TP/BH1	TP/BH1	TP/BH1					

1a Durley Avenue, Waterlooville, PO8 8XA

LIV-SN-22-005818

03/01/2022

Approved by: L Pavey

Issue No.1

PSLRF105

Contract No: PSL23/1890 Client Ref:





LIV-SN-22-005818

Approved By: L Pavey

Issue No.1

PROFESSIONAL SOILS LABORATORY
A PHENNA GROUP COMPANY

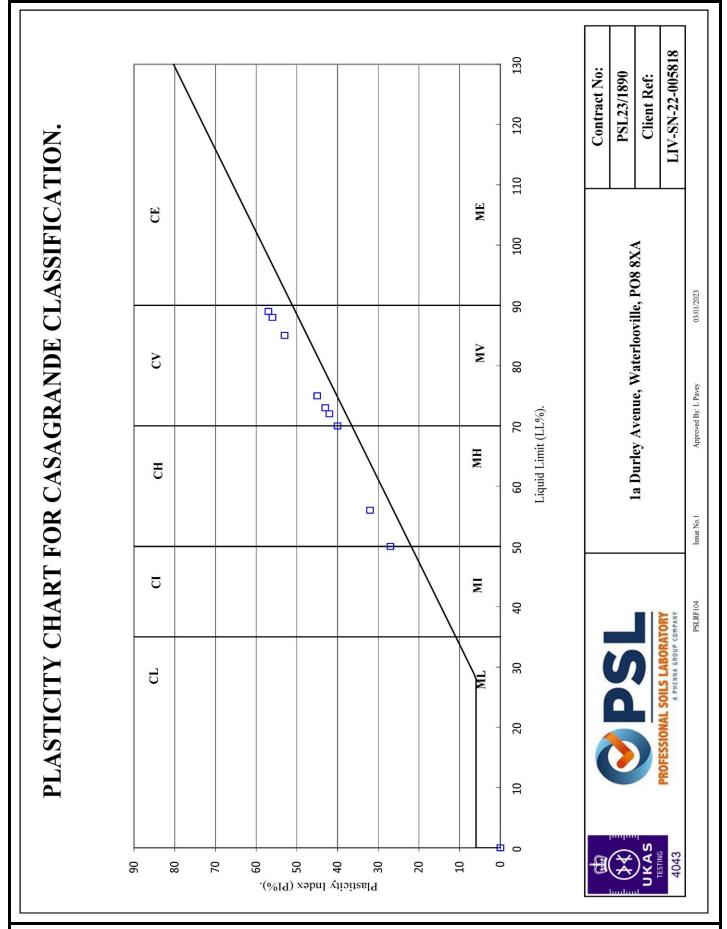
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SUMMARY OF SOIL CLASSIFICATION TESTS

(BS1377: PART 2: 1990)

				•						, 0		
Number	Number	Type	Depth	Depth	%	%	Mg/m	%	%	%	%	
			ш	Ħ	Clause 3.2	Clause 6.5	Clause 8.2	Clause 4.3/4	Clause 5.3	Clause 5.4		
TP/BH1			0.80	1.00	37			68	32	57	95	Very High Plasticity CV
TD/DI11			1 00	1 50	3.4			90	33	72	100	Vom High Disctinity CV
I L/BHI			1.00	UC:I	40			99	76	000	100	very righ riasticity C.v
TP/BH1			1.50	2.00	34			85	32	53	100	Very High Plasticity CV
TP/BH1			2.00	2.50	67			70	30	40	100	Very High Plasticity CV
TP/BH1			2.50	3.00	29			72	30	42	100	Very High Plasticity CV
TP/BH1			3.00	3.50	29			73	30	43	100	Very High Plasticity CV
TP/BH1			3.50	4.00	26			75	30	54	100	Very High Plasticity CV
TP/BH1			4.00	4.50	32			99	24	32	100	High Plasticity CH
TP/BH1			4.50	5.00	30			90	23	27	100	High Plasticity CH
SYMBOL	SYMBOLS: NP: Non Plastic	on Plastic			*: Liquid L	*: Liquid Limit and Plastic Limit Wet Sieved.	ıstic Limit V	et Sieved.				
æ												Contract No:
1	,											
*		>				-	o Durdoy	W on a ox	Honlookill	Ao oud		PSL23/1890
UKAS						-	a Duriey A	venue, ve	ater 100 v III	ta Duriey Avenue, waterioovine, r Os saas	¥	Client Ref:
TESTING		PROFESSIONAL SOILS LABORATORY	IAL SOILS L	ABORATORY								OFOROG OF IND AND A





SUMMARY OF LABORATORY SOIL DESCRIPTIONS

Number 1ype Depth Depth m m m m m G.80 1.00 Brown slightly gravelly sandy CLAY. 1.00 1.50 Brown mottled grey slightly gravelly CLAY. 1.50 2.00 Brown mottled grey slightly gravelly CLAY. 2.50 3.00 Brown mottled grey slightly gravelly CLAY. 3.50 4.00 Brown mottled grey slightly gravelly CLAY. 4.00 4.50 Brown mottled grey slightly gravelly CLAY. 4.50 5.00 Brown mottled grey slightly gravelly slightly stately slightly gravelly slightly stately slightly slightly stately slightly slightly stately slightly	Hole	Sample	Sample	Top	Base	Description of Sample
1.00 1.00 1.00 1.50 1.50 2.00 2.00 2.50 3.00 3.50 3.50 4.00 4.50 5.00	Number	Number	Type	Depth	Depth	
1.00 1.50 1.50 2.00 2.00 2.50 2.50 3.00 3.00 3.50 4.00 4.50 4.50 5.00	TP/BH2			080	1.00	Brown slightly gravelly sandy CLAY.
1.50 2.00 2.00 2.50 2.50 3.00 3.00 3.50 3.50 4.00 4.00 4.50 4.50 5.00	TP/BH2			1.00	1.50	Brown mottled grey slightly gravelly CLAY.
2.00 2.50 2.50 3.00 3.00 3.50 3.50 4.00 4.50 5.00	TP/BH2			1.50	2.00	Brown mottled grey slightly gravelly CLAY.
2.50 3.00 3.00 3.50 3.50 4.00 4.00 4.50 4.50 5.00	TP/BH2			2.00	2.50	Brown mottled grey slightly gravelly CLAY.
3.00 3.50 3.50 3.50 4.00 4.50 4.50 4.50 5.00	TP/BH2			2.50	3.00	Brown mottled grey slightly gravelly CLAY.
3.50 4.00	TP/BH2			3.00	3.50	Brown mottled grey slightly gravelly CLAY.
4.50 4.50	TP/BH2			3.50	4.00	Brown mottled grey slightly gravelly CLAY.
4.50 5.00	TP/BH2			4.00	4.50	Brown mottled grey slightly gravelly slightly sandy CLAY.
	TP/BH2			4.50	5.00	Brown mottled grey slightly gravelly slightly sandy CLAY.

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LIV-SN-22-005818

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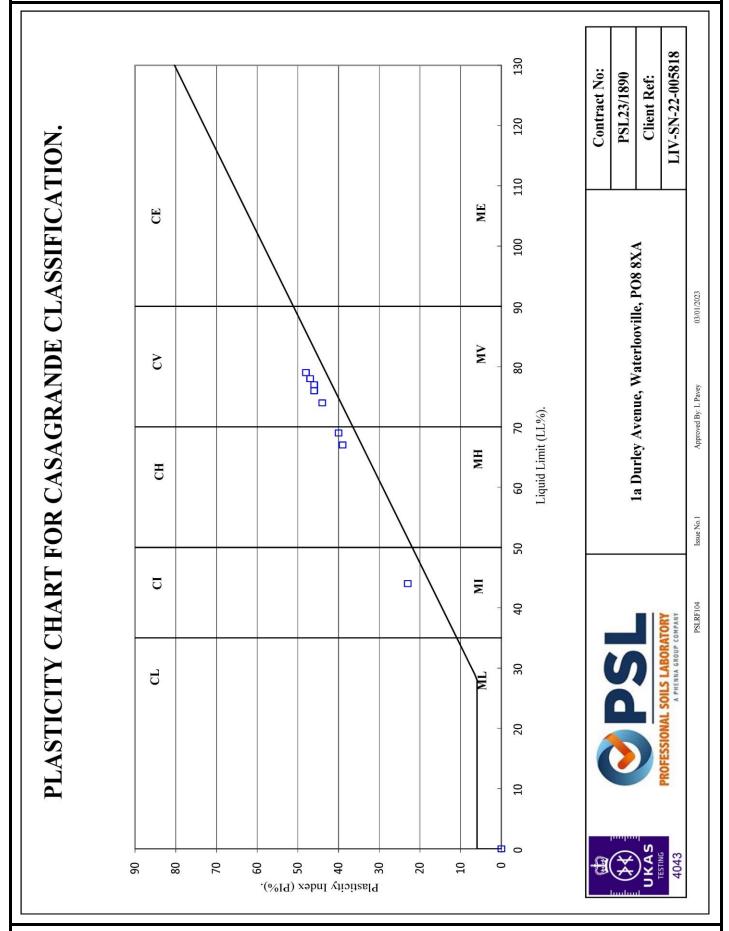


SUMMARY OF SOIL CLASSIFICATION TESTS

(BS1377: PART 2: 1990)

					Moisture	Linear	Particle	Liquid	Plastic	Plasticity	Passing	
Hole	Sample	Sample	Top	Base	Content	Shrinkage	Density	Limit	Limit	Index	.425mm	Remarks
Number	Number	Type	Depth	Depth	%	%	Mg/m³	%	%	%	%	
			ш	m	Clause 3.2	Clause 6.5	Clause 8.2	Clause 4.3/4	Clause 5.3	Clause 5.4		
TP/BH2			0.80	1.00	23			44	21	23	86	Intermediate Plasticity CI
TP/BH2			1.00	1.50	28			77	31	9†	86	Very High Plasticity CV
TP/BH2			1.50	2.00	40			62	31	48	86	Very High Plasticity CV
TP/BH2			2.00	2.50	38			28	31	47	26	Very High Plasticity CV
TP/BH2			2.50	3.00	36			62	31	84	26	Very High Plasticity CV
TP/BH2			3.00	3.50	32			92	30	9 †	86	Very High Plasticity CV
TP/BH2			3.50	4.00	30			74	30	44	46	Very High Plasticity CV
TP/BH2			4.00	4.50	29			69	56	40	86	High Plasticity CH
TP/BH2			4.50	5.00	35			<i>L</i> 9	28	39	46	High Plasticity CH
								2	3	20 /2		
SYMBOLS:		NP : Non Plastic			*: Liquid L	*: Liquid Limit and Plastic Limit Wet Sieved.	astic Limit V	Vet Sieved.				
-3												Contract No:
***						-	Dundon	W. Canada	llingolaota	Ao oUd S		PSL23/1890
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4043		PROFESSIONAL SOILS LABORATORY A PHENNA GROUP COMPANY	AL SOILS L	OILS LABORATORY A PHENNA GROUP COMPANY								LIV-SN-22-005818
				PSLRF104	F104	Issue No.1	Appr	Approved By: L Pavey	03/0	03/01/2023		









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

26/04/2023

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

Enterprise House 49-51 Whiteknights Road Reading RG6 7BB

Tel: (0118) 986 9552 (Direct line) E-mail: richardsons@botanical.net Web: www.botanical.net

LIV-SN-22-005818 Your ref:

86/3303 Our ref:

Dear Sirs

1a Durley Avenue PO8 8XA

The samples you sent in relation to the above on 20/02/2023 have been examined. Their structures were referable as follows:

.8-1.8m	
Examined root: QUERCUS (Oak).	Alive, recently*.
A piece of BARK only, insufficient material for identification.	
Unfortunately all with insufficient cells for identification.	
.8-1.8m	
Examined root: the family SALICACEAE (Salix (Willows) and Populus (Poplars)).	Dead*.
Examined sample: a section of TWIG only - not a root. Could be an herbaceous (non-woody) type.	
All pieces of BARK only - not enough material for identification.	
Unfortunately all with insufficient cells for identification.	
	Examined root: QUERCUS (Oak). A piece of BARK only, insufficient material for identification. Unfortunately all with insufficient cells for identification. 8-1.8m Examined root: the family SALICACEAE (Salix (Willows) and Populus (Poplars)). Examined sample: a section of TWIG only - not a root. Could be an herbaceous (non-woody) type. All pieces of BARK only - not enough material for identification.

Click here for more information: QUERCUS SALICACEAE

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 lodine 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.



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.