# Plot 7 West End Rheda Park Frizington

## **Memorandum**

Prepared for Mr J. Copsey

Date: 07/11/2023

By Eddie Cruickshank M. *Arbor*. A., MIC *For.*, FDSc *Arb* 

**Treescapes Consultancy Ltd.** 

All rights in this report are reserved. You may not reproduce or transmit, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, or store in any retrieval system of any nature, any part of this report without our written permission. The content and format are for the exclusive use of the addressee in dealing with this site. You may not sell, lend, hire out, or divulge any of the content to a third party not directly involved with this site, without our written consent.
© 2023 Treescapes Consultancy Ltd.

### **SUMMARY**

Treescapes Consultancy Ltd. have been instructed by Mr J. Copsey, to inspect significant trees growing within Plot 7 in the West End of Rheda Park, that are close to the site of a new dwelling and its associated features. Some or all the trees in the plot are believed to be protected by a Tree Preservation Order.

Mr Copsey is concerned about some of the trees falling and causing harm during adverse weather conditions such as windstorms and/or heavy snowfall.

My understanding is that he has been advised by others to apply to the local planning authority under Section 73 of the Town and Country Planning Act 1990 for permission to undertake any recommended tree works as their retention was/is a planning condition.

We have been asked by Mr Copsey to assess the condition of all the trees in the plot to advise whether they should still now warrant retention.

Based on the information discussed in Section 13 of this memorandum and the attached references I recommend felling a total of seven trees.

I also recommend, if those trees are to be removed, that the revised tree planting plan (Reference D) be implemented in due course as mitigation.

- 1. This memorandum refers to the Pre-development Arboricultural Report of 19/01/20 for Plot 7 Rheda Park, Frizington prepared by Treescapes Consultancy Ltd in support of a planning application to build a house and a detached garage there. That report was written in accordance with the current British Standard BS5837:2012 Trees in relation to design, demolition, and construction – Recommendations. Such limitations that might apply to that report, and any explanatory note contained there also apply here.
- 2. Section 7.1 of that report notes that there was an existing Tree Preservation Order (TPO), and that "part of Plot 7 falls within the extent of the TPO. Also, that "full planning consent allows the minimum work required to implement the development proposals to be carried out to protected trees."
- 3. I believe Mr and Mrs Copsey now to be the owners of Plot 7 and that consent has been granted to construct a house with detached garage. During our initial telephone conversation on 10/10/23 Mr Copsey told me that construction of the house was underway.
- 4. Mr Copsey has asked that I assess the condition of the trees now in the plot as he is concerned about the possibly of some falling and causing harm during adverse weather conditions such as windstorms and/or heavy snowfall.
- 5. Mr Copsey told me that he had already approached his local planning authority with his concerns and been advised that permission for any further tree works might best be "granted via Section 73". I have taken this to be Section 73 of the Town and Country Planning Act 1990 https://www.legislation.gov.uk/ukpga/1990/8/section/73 accessed 06/11/23).
  - Mr Copsey said that he had been told that his application should be supported by a suitable "tree report" and a "replanting plan".
- 6. I visited Plot 7at the west end of Rheda Park during the afternoon of 12/10/23 when there were no other people on site. I observed a building under construction that I took to be the house, and inspected a total of 14 trees, being all the trees in the plot.
- 7. For reference during that visit, I used a pdf copy of Plan 2. Tree Constraints Plan and Appendix 5. Tree Data Schedule from the Treescapes Consultancy Pre-development Arboricultural Report of 19/01/20 (Reference E).
  - Together, I used these to help me identify which of the trees then present in the plot were those included in the report dated 19/01/20.
  - NB, the position, and extents of the building under construction in Plot 7 appeared to coincide with those as set out in the proposals in that Plan 2 of the report dated 19/01/20, but I am not a surveyor.
- 8. On 26/10/23 Mr Copsey subsequently provided me with a pdf of drawing number 0146-307 dated 07-2022 and titled, Setting Out (Reference C). As a pdf I can only assume this drawing reflects the layout and extents of the buildings shown in the Plan 2 of the report dated 19/01/23, and of any planning consent. Also, I can only assume that the layout and extents shown in drawing number 0146-307 coincide with those of the building currently under construction.
- 9. Accompanying this memorandum is a plan, dated 07/10/23 of the trees then on site when I visited on 12/10/23 (Reference A). I have based that latest plan on some of the digital information used for the Plan 2 of the report dated 19/01/20 and using information I gathered during my visit of 12/10/23.
  - Where I have added any trees to the drawing that were not recorded on earlier surveys, I estimated their positions relative to trees that had been then plotted.
  - I have recorded these extra trees on the drawing as Tree Nos 999.01 999.05.

- 10. The extra trees recorded during my visit were all relatively small broadleaved trees in the young-mature age category. I assessed all of these to be of only moderate quality (Retention Category C).
- 11. Also, accompanying this memorandum is a revised Tree Data Schedule for the trees that were in Plot 7 when I visited on 07/10/23 (Reference B). I have based that latest Tree Data Schedule on some of the information previously gathered on those trees along with the tree data I gathered that day.
- 12. In Section 6 of the report dated 19/01/20 (Ref E) I made recommendations for various tree works then to facilitate the proposed development, how they should be implemented and how any retained trees should be protected. Additional to those earlier recommendations I now recommend further works to some of the trees.
- 13. These further recommendations are recorded in the attached Tree Data Schedule, and I discuss some of them below:
  - Tree 1.20 (Photo 1). Recommendation: Fell If permission is granted. A mature larch tree that is of only moderate quality that may become infected with *Phytophthora ramorum* disease of larch. This novel tree disease is endemic in the area and subject to statutory plant health controls. There is only a very low risk of significant harm arising from this tree, but any anticipated works might be done most easily and economically at the same time as other tree works in the plot.
  - Tree 999.04 (Photo 1). Recommendation: Fell If permission is granted. A young-mature sycamore tree that is growing close to the boundary with Plot 8, in which there are other buildings under construction. This tree has three codominant stems. Though the stem unions are currently non-acute, and apparently stable, it might reasonably be anticipated that this tree may be of sufficient concern in future to the occupiers of either plot that, if not now, they soon will be seeking permission to fell this tree. Such anticipated work(s) might therefore best be done most easily and economically soon, and at the same time as any other permitted tree works in the plot.
  - Tree 1.26. (Photo 2). Recommendation: Fell If permission is granted. A larch tree that is of only moderate quality and may become infected with *Phytophthora ramorum* disease of larch. This novel tree disease is endemic in the area and subject to statutory plant health controls. There is only a very low risk of significant harm arising from this tree, but any anticipated works might be done most easily and economically at the same time as any other permitted tree works in the plot.
  - Tree 999.03 (Photo 3). Recommendation: Fell If permission is granted.
     A young-mature beech tree that has grown under the canopy of the nearby mature Scots pine to develop a crown that is weight biased in the direction of, and within less than six metres of, the building now under construction.
  - Tree 2.13. (Photo 3). Recommendation: Fell High Priority.

    An old-mature Scots pine tree that due to crown damage long ago is now weight biased in the direction of the building under construction. There is an old wound at the base of the trunk that I consider to be a major defect (Photo 4) because it will be affecting the wood tissues under tension there to oppose the tree's weight bias towards the new building under construction.
  - Tree 999.05 (Photo 3). Recommendation: Fell If permission is granted.
     A young-mature sycamore tree whose crown, on its west side, is already overhanging the building under construction. The overhanging foliage is at a

- point where it might soon interfere with the structure of the building, and in places occupants might want not to be heavily shaded (e.g., a french, and other windows that are all facing morning light from the east).
- Tree 2.18. (Photo 5). Recommendation: Fell If permission is granted. A substantial, old-mature Scots pine tree that is weight biased to the north-east, and in the general direction of the building now under construction. Currently, there are not any obvious indications of the root plate being unstable, but I note that on this relatively wet site this tree was previously growing within the mutual shelter of other trees that have now been removed.

  There is a feature at the base of the stem which may be either an old wound, or a natural separation space/flute between two buttresses (Photo 6). The significance of this feature I have therefore recorded as unknown.

  Further assessment of this tree using techniques such as sonic tomography and/or load testing could be undertaken but, because of time and resources required to conduct such tests they are most appropriate for the assessment of large, mature trees with either high visual amenity and/or considerable historical, cultural, or ecological value. I consider, therefore, that felling this tree soon is most likely to provide, at most reasonable cost, the reassurance the owners

I recommend that, should this tree be felled, the nearby tree and shrub planting previously recommended be slightly extended and enhanced in mitigation.

and/or eventual occupants of the building currently under construction might

Ref: EJC/131-2023

always be seeking.

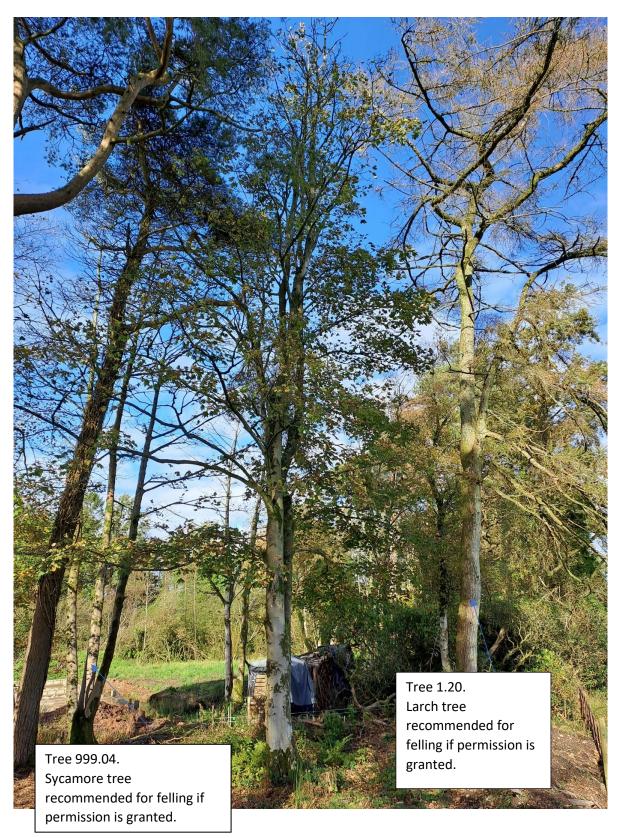


Photo 1. - 12/10/23. Trees 1.20 and 999.04.



Photo 2. - 12/10/23. Tree 1.26



Photo 3. - 12/10/23. Trees 2.13 and 999.05, and 999.03



Photo 4. - 12/10/23. Old wounding at base of Tree 2.13.



Ref: EJC/131-2023

Photo 5 - 12/10/23. Tree 2.18



Photo 6. - 12/10/23. Base of the trunk of Tree 2.18.

#### 14. Conclusions

• I recommend felling of the following trees whose retention I believe currently to be a condition to the current planning consent:

Tree 1.20 – Larch.

Tree 999.04 – Sycamore.

Tree 999.03 - Beech.

Tree 1.26 – Larch.

Tree 2.13 – Scots pine.

Tree 999.05 – Sycamore.

Tree 2.18 – Scots pine.

• If those trees are to be removed, I recommend that the revised tree planting plan (Reference D) be undertaken in due course as mitigation.

#### Eddie Cruickshank MIC. For., M. Arbor. A., FDSC. Arb.

#### Treescapes Consultancy Ltd.

Mobile: 07818 258725

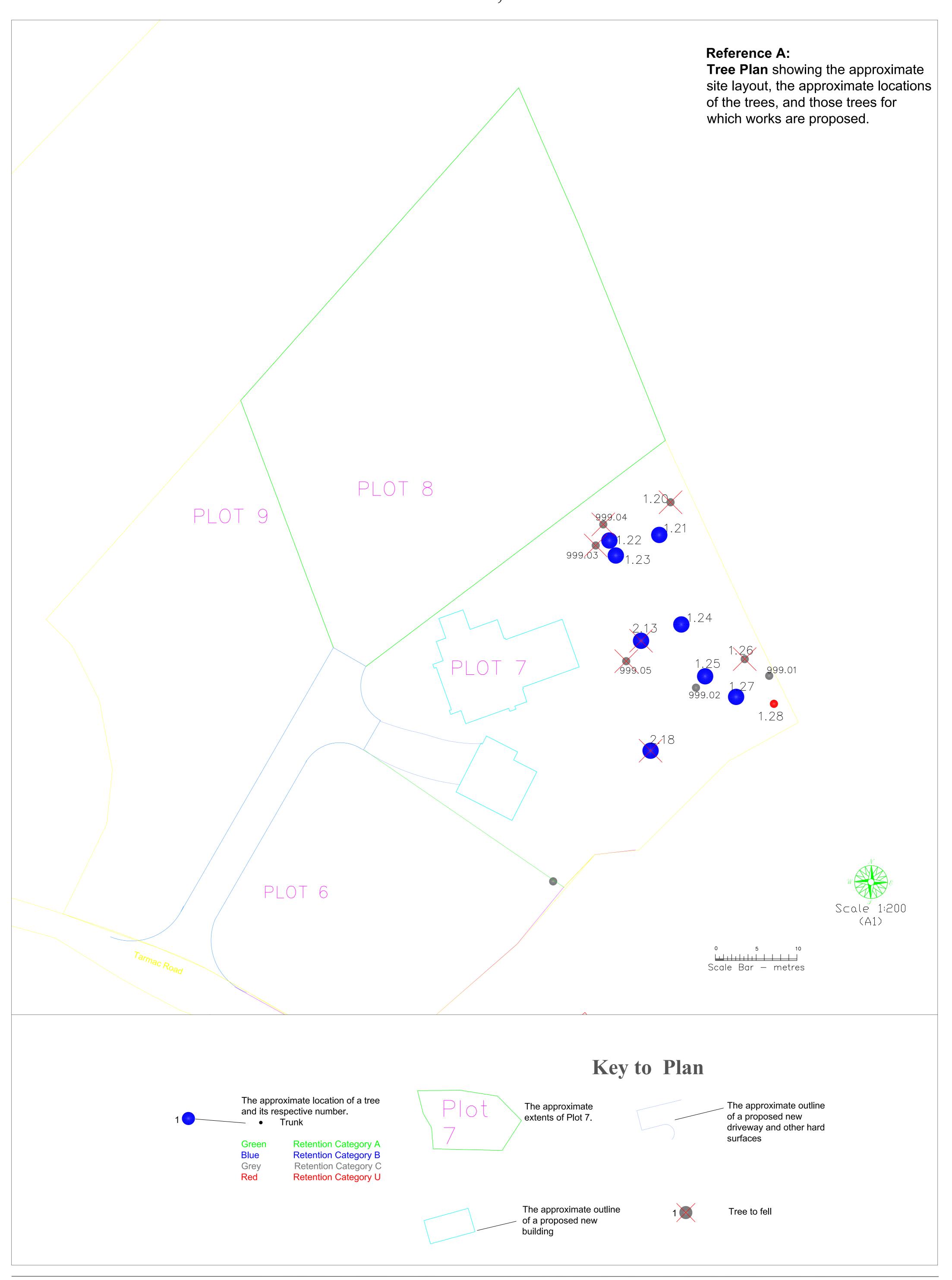
Email: <a href="mailto:eddie.cruickshank@treescapesconsultancy.co.uk">eddie.cruickshank@treescapesconsultancy.co.uk</a>

Website: www.treescapesconsultancy.co.uk

#### References:

- A. Tree plan of site 12/10/23.pdf-attached.
- B. Tree Data 07/11/23.pdf attached.
- C. Drawing number 0146-307 dated 07-2022.pdf attached.
- D. Tree Planting Plan 07/11/23.pdf attached.
- E. Pre-development Arboricultural Report by Treescapes Consultancy Ltd. dated 19/01/20 for Plot 7, Rheda Park, Frizington. not attached.

# Rheda Park, Plot 7



			Keierence B:	P10t /, h	<u>Rheda Park, Frizi</u>	ngton.		
		Height (m) Age Class	Crown Radius (m)	RPA		<u>Defects</u>		BS 583
Id No.	Species	Trunk Ø (cm) Life Expectancy Heal	h NE SE SW NW	Radius Area	Location of Defect	Description of Defect	Severity	Retention Categor
1.2	Larch	47 @ 1.5		5.6 m	• Whole Tree	Weight biased	Observati	on C2
				100 m <sup>2</sup>		to NE over boundary with field		
					Whole Tree	May be susceptable in future to Phytophthora ram disease of larch.	orum Unknow	n
Clear Stem (m): Height to Lowest Part of Crown (m): Low Crown Direction:					Recommended Tre	e Work Details	Work Priority	Category
Notes:		J ( )			• None	Will eventually require felling if Phytophthora ramorum disease of larch is diagnosed in future.	If permission is granted	2
<b>1.21</b> Sycamore		Early mature		5.0 m	No significant			B2
		42 @ 1.5		80 m²	defects to report			
Clear Sto	em (m):	Height to Lowest Part of Crown (m):	Low Crown Direction:		Recommended Tre	e Work Details	Work Priority	Category
Notes:					● None			
1.22	Scots Pine	18 Old Mature Norm		5.4 m	Lateral branch	Broken and hanging branch	Moderat	e <b>B2</b>
		45 @ 1.5 Vital	ty	92 m²		NE at #16m		
					• Crown	Weight biased to NW	Observati	on
					• Trunk	Ivy previously growing up this tree has been seve	ered. Observati	on
Clear Sto	em (m):	Height to Lowest Part of Crown (m):>1	6 Low Crown Direction:		Recommended Tre	e Work Details	Work Priority	Category
Notes:					<ul> <li>Make safe any unstak or defective branches</li> </ul>	ble, dead particularly broken and hanging branch - s NE at #16m	If permission is granted	1

				<u>Keiei eiice D.</u>	FIUL /, N	Rheda Park, Frizington.			_
Id No. Species	Height (m) Trunk Ø (cm)	Age Class Life Expectancy	Health	Crown Radius (m)  N E S W  NE SE SW NW	RPA <u>Radius</u> Area	Location of Defect	<u>Defects</u> Description of Defect	Severity	BS 583' Retention Categor
1.23 Scots Pine	22 81 @ 1.5	Old Mature	Normal Vitality		9.7 m 297 m²	• Lateral branches	dead wood - NW at #18m	Moderate	B2
						Whole Tree	Weight biased to E	Observation	1
						• Co-dominant stems	non-acute stem union(s)	Observation	l   
Clear Stem (m):	Height to Lowe	est Part of Crown (	m):#>1	Low Crown Direction:		Recommended Tree Work	Details	Work Priority (	Category
Notes:	<b>g</b>	(	8	Zow Grown Znection		Make safe any unstable, dead or defective branches	If permission is granted		1
1.24 Scots Pine	22 71 @ 1.5	Old Mature	Normal Vitality		8.5 m 228 m <sup>2</sup>	No significant defects to report			B2
Clear Stem (m): Notes:	Height to Lowe	est Part of Crown (1	<b>m):</b> >15	Low Crown Direction:		Recommended Tree Work  None	Details	Work Priority (	Category
1.25 Scots Pine	18 53 @ 1.5	Old Mature	Normal Vitality		6.4 m 127 m²	<ul> <li>No significant defects to report</li> <li>Small, previ</li> </ul>	ously unrecorded sycamore growing o (now recorded as 999.02).	close by	B2
	Haight to Lowe	est Part of Crown (1	m).	Low Crown Direction:		Recommended Tree Work	Details	Work Priority (	Category
Clear Stem (m):	Height to Lowe	of the contract of the contrac	ш.ј.	LOW CLOWII DILECTION.					

					<u>R</u>	ete	renc	:e B:	Plot /, K	<u>kheda Park, Friz</u>	zington.				
		Height (m)	Age Class		N	E		W	RPA Radius	Location	Defe			Re	3S 583 etenti
Id No.	Species	Trunk Ø (cm)	Life Expectancy	Health	NE	SE	SW N	NW	Area	of Defect	Descriptio	n of Defect	Severi	ty C	Categoi
1.26	Larch	#8	Mature						4.6 m	• Whole Tree	Weight	biased	Observat	ion	<b>C2</b>
		38 @ 1.5							65 m²		to E -	Field			
										• Whole Tree	May be susceptable in future disease	e to Phytophthora rai of larch.	morum Unknow	n	
Clear St	em (m):	Height to Lowe	st Part of Crown (	m):	Low C	rown	) Dire	ction	:	Recommended T	ree Work De	tails	Work Priority	Categ	gory
Notes:		Ü	·							• None	Phytophthora ramoi	require felling if rum disease of larch is d in future.	If permission is granted	2	
1.27	Scots Pine	17							7.0 m	Structural	Wounded, little	apparent decay	Observat	ion	B2
		58 @ 1.5							152 m²	branches	upper	crown			
										• Co-dominant stems	stem union (stable a at ‡		Minor	.	
										Whole Tree	Weight	hiased			
										whole free	to				
Clear St	em (m):	Height to Lowe	st Part of Crown (	<b>m):</b> #8m	Low C	rown	ı Dire	ction	:	Recommended Tr	ree Work De	tails	Work Priority	Categ	ory
Notes:		• •								• None					
1.28	Unknown			Dead						Whole Tree	De Potential as dea	ead	Observat	ion	U1

				T	ofor	ongo D	Dlot 7	heda Park, Fr	igington	
Id No. Specie	Height (m) Trunk Ø (cm)	Age Class	Health		vn Rac E	dius (m) S W SW NW	RPA Radius Area	Location of Defect	Defects  Description of Defect Severity	BS 583 Retention
<b>2.13</b> Scots P	e47 @ 1.5	Old Mature	Normal Vitality			6	5.6 m 100 m²	• Crown	Weight biased Moderate to W	C1
								Base of trunk	Wounded and decaying Major 0 - 1m	 
								• Stem(s)	The main stem leader has been broken in the past so that the structural branch at #14m has grown to become ascending.	 
Clear Stem (m):	Height to Low	est Part of Crown	(m):	Low (	`rown	Directio	n·	Recommended '	Tree Work Details Work Priority Ca	tegory
Notes:	11018110 00 20 11		().	Low		Directio	•	• Fell	High	1 & 2
<b>2.18</b> Scots Pr	e 20 60 @ 1.5	Old Mature	Normal Vitality	#4	#4	#3 #3	7.2 m 163 m²	Whole Tree	Appearance of slight lean, and associated weight bias. Observation to NE	]
								Base of trunk	Wounds (occluded) Unknown S	 
Clear Stem (m):	Height to Low	Height to Lowest Part of Crown (m): Low Crown Direction:						Recommended '	Tree Work Details Work Priority Ca	tegory
Notes:	9			25.1. 510 W				• Fell	If permission is granted	
								• Inspect after gale	particularly the ground around the base When appropriate of this tree for visual indications of instability. Indications of instability might include ground cracks, soil voids and/or ground "steps" due to the root plate having lifted.	1 & 2.

				Reference R· I	Plot 7 R	Rheda Park, Friz	ington		
Id No. Specie	Height (m) Trunk Ø (cm)	Age Class Life Expectancy	Health	Crown Radius (m)  N E S W  NE SE SW NW	RPA Radius Area	Location of Defect	Defects  Description of Defect	Severity	BS 583 Retention
<b>999.01</b> Sycamo	e #6 19 @ 1.5	O .	Normal Vitality		2.3 m 16 m²	No significant defects to report	<del></del>	Unknown	C2
Clear Stem (m): Notes:	Height to Lowe	est Part of Crown (m	1):	Low Crown Direction:		• Fell	ee Work Details	Work Priority  If permission is granted	Category
<b>999.02</b> Sycamo	e 11 22 @ 1.5 29 @ 1.5	U	Normal Vitality		4.4 m 60 m <sup>2</sup>	• Co-dominant stems	non-acute stem union (stable at time of inspec	tion) Observation	n C1
Clear Stem (m): Notes:	_	est Part of Crown (n	1 <b>):</b> #3m	Low Crown Direction:		• Fell	to favour nearby SP (Tree No 1.25)	Work Priority  If permission is granted	Category 2
<b>999.03</b> Beech	17 32 @ 1.5		Normal Vitality	7.3	3.8 m 46 m²	Whole Tree	weight biased as a result of having been growing of dominant tree (1.22) weight biased to SW and in direction of the house construction.		C2
	Height to Lowe own on the SW is # to the building under co		1):3 SW	Low Crown Direction:		Recommended Tr	ee Work Details	Work Priority  If permission is granted	Category
<b>999.04</b> Sycamo	25 @ 1.5		Normal Vitality		5.0 m 78 m <sup>2</sup>	• Co-dominant stems	non-acute stem union (stable at time of inspec	tion) Observation	n <b>C1</b>
Clear Stem (m): Notes:	24 @ 1.5 23 @ 1.5 Height to Lowe	est Part of Crown (n	1):4 N	Low Crown Direction:		• Fell	ee Work Details	Work Priority  If permission is granted	Category

					<u>Refere</u>	ence B:	Plot 7, R	theda Park, Friz	zington.		
Id No.	Species	Height (m) Trunk Ø (cm)	Age Class Life Expectancy	Health	Crown Radi N E S NE SE SV	us (m) W NW	RPA <u>Radius</u> Area	Location of Defect	<u>Defects</u> Description of Defect	Severity	BS 5837 Retention Category
999.05	Sycamore	29 @ 1.5	Young mature	Normal Vitality	4.6 #3 5	5 #4	3.5 m 38 m²	• Roots	wounded	Unknown	
								• Crown	Overhanging to W and over the footprint of the building undeconstruction.	Observatio er	n      -
Clear Ste	m (m):	Height to Lowe	est Part of Crown (	( <b>m)</b> :4 W	Low Crown D	irection	:	• Fell	ree Work Details	Work Priority  If permission is granted	Category



## Rheda Park, Plot 7

