

# ARBORICULTURAL IMPACT ASSESSMENT

(INC. TREE SURVEY TO BS 5837:2012)

CLIENT - Anthony Binns  
PROJECT - 137 Huntingdon Road  
DOC. REF - P2468-AIA01 V1  
PLANNING REF - n/a  
CREATION DATE - 07/07/2022

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2.4 [REDACTED]

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
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2.3 [REDACTED]

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2.6 [REDACTED]

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2.6 [REDACTED]

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2.4 [REDACTED]

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2.10 [REDACTED]

[REDACTED]

[REDACTED] *Wildlife and Countryside Act 1981*

[REDACTED] *European Habitats Directive 1992* [REDACTED] *Nesting Birds Directive*

[REDACTED]

[REDACTED]



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[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	Cat. A
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	Cat. B
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	Cat. C
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	Cat. U

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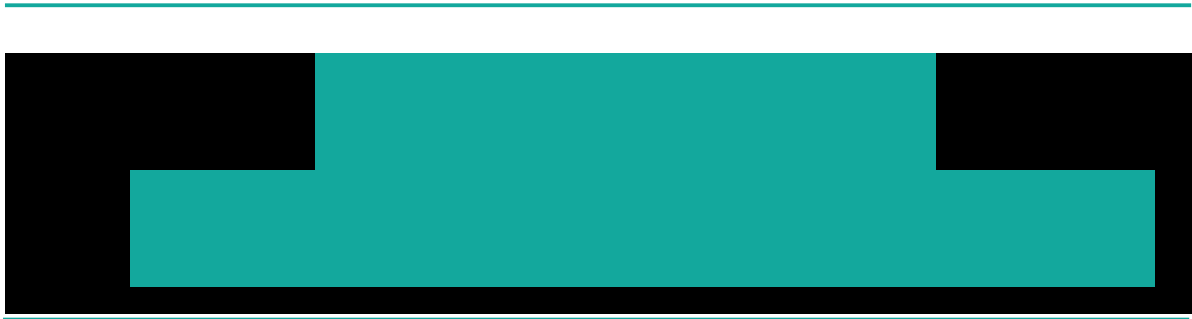
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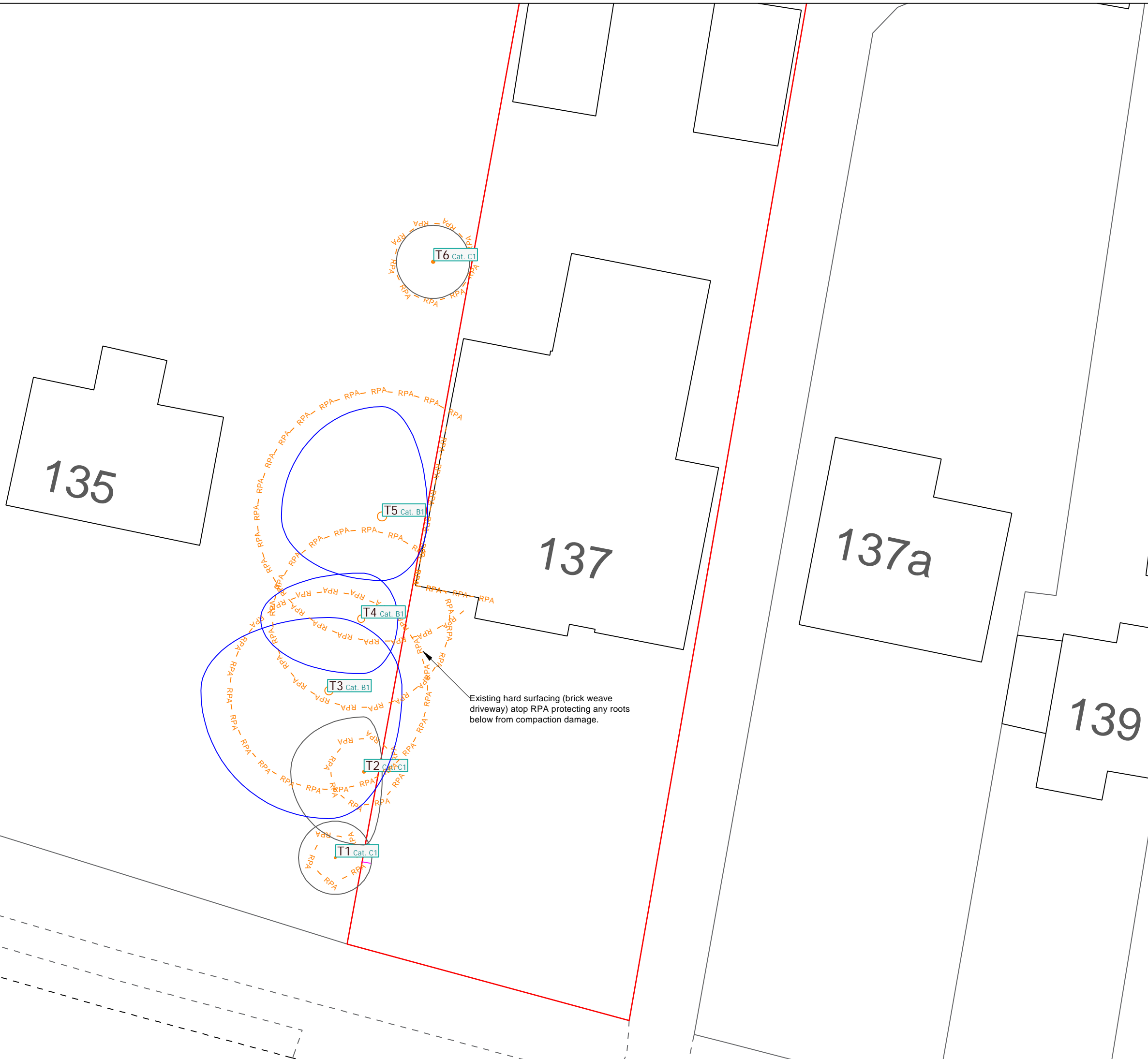
Ref.	Tag	Species	Height (m)	Crown (N/E/S/W)	Crown Clearance (m)	DBH (mm)	Life Stage	Structural	Vitality	Additional Notes	General Management Recommendations	Priority	Development Related Tree Works	Tolerance	RPA Radius (m)	RPA Area (m <sup>2</sup> )	Cat.
T1		Prunus spp. (Plum)	5	2 / 2 / 2 / 2	2	98	Early-Mature	Good	Good	Estimated dimensions used as tree located on adjacent site with overhanging branches. Lower 2.5m of canopy has been pruned back to the boundary line.				Moderate - Good	1.2	4.4	C1
T2		Arbutus unedo (Strawberry tree)	5	3 / 1 / 4 / 4	2	149	Semi-Mature	Good	Good	Estimated dimensions used as tree located on adjacent site with overhanging branches. Lower 2.5m of canopy has been pruned back to the boundary line.				Moderate	1.8	10.0	C1
T3		Pinus nigra (Austrian pine)	15	4 / 4 / 7 / 7	4.5	450	Mature	Good	Good	Estimated dimensions used as tree located on adjacent site. Eastern crown historically reduced back to boundary line leaving multiple stubs - not considered to be of concern.				Good	5.4	91.6	B1
T4		Pinus nigra (Austrian pine)	15	2.5 / 2 / 3 / 5.5	8	400	Mature	Good	Good	Estimated dimensions used as tree located on adjacent site. Eastern crown historically reduced back to boundary line leaving multiple stubs - not considered to be of concern.				Good	4.8	72.4	B1
T5		Pinus nigra (Austrian pine)	15	6 / 2.5 / 3.5 / 5.5	11	500	Mature	Good	Good	Estimated dimensions used as tree located on adjacent site. Eastern crown historically reduced back to boundary line leaving multiple stubs - not considered to be of concern.				Good	6.0	113.1	B1
T6		Chamaecyparis Lawsoniana (Lawson cypress)	8	2 / 2 / 2 / 2		177	Semi-Mature	Good	Good	Estimated dimensions used as tree located on adjacent site.				Good	2.1	14.2	C1











**Use of This Document**

This document should be viewed in conjunction with the relevant arboricultural impact assessment and/or tree survey schedule.

**Tree Categorisation & Numbering**

The method used for categorising the trees can be seen in Appendix 1 of the Tree Survey/Arboricultural Impact Assessment. The categorisation method used is an improved variation of the method suggested in BS 5837:2012.

BS 5837:2012 recommends that better quality trees (Cat. A & B) are retained where possible. Trees in land adjacent to the site are considered where they may be impacted by development.

The trees considered significant within the context of the development are numbered and assigned a prefix 'T' or 'G' to describe whether they are an individual or a group, and 'S' or 'H' for a shrub or hedge. Using this identification number, further information for each tree/group can be found within the survey schedule.

<b>Cat. A</b>	<b>Category A</b> : High or exceptional arboricultural, landscape or ecological value. (Worthy of being a material constraint.)	<b>Cat. B</b>	<b>Category B</b> : Moderate arboricultural, landscape or ecological value. (Worthy of being a material constraint.)
<b>Cat. C</b>	<b>Category C</b> : Low quality or small in size. (Not worthy of being a material constraint.)	<b>Cat. U</b>	<b>Category U</b> : Such poor quality or condition that renders it unsuitable for retention. (Not worthy of being a material constraint.)

**Root Protection Areas**

In order to avoid damage to the roots or rooting environment of retained trees, the Root Protection Areas (RPA's) should be plotted around each of the category A, B and C trees. This is a notional depiction of the minimum rooting area in m2 which should be left undisturbed around each tree. The RPA is calculated using the *British Standard BS 5837:2012 'Trees in relation to design, demolition and construction - Recommendations'*, unless otherwise stated within the survey schedule.

Where there appears to be restrictions to root growth the root protection area is reshaped to more accurately reflect the likely distribution of the roots.

<b>Root Protection Area (RPA)</b>	The notional area around each tree which should be left undisturbed during the development of the site	<b>RPA Incursion:</b>	Anticipated incursion into the root protection area of a proposed tree which may result in root disturbance.
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**Further Object Key**

<b>Tree Stem:</b>	Diameter of stem at ~1.5m	<b>Tree Removal:</b>	Trees designated for removal will comprise of a dashed canopy outline
<b>Site Boundary:</b>	Extent of site boundary (illustrative only)	<b>Buildings/Surfacing to be Removed:</b>	Buildings or surfacing to be removed will generally be depicted with a dashed red line

Existing hard surfacing (brick weave driveway) atop RPA protecting any roots below from compaction damage.



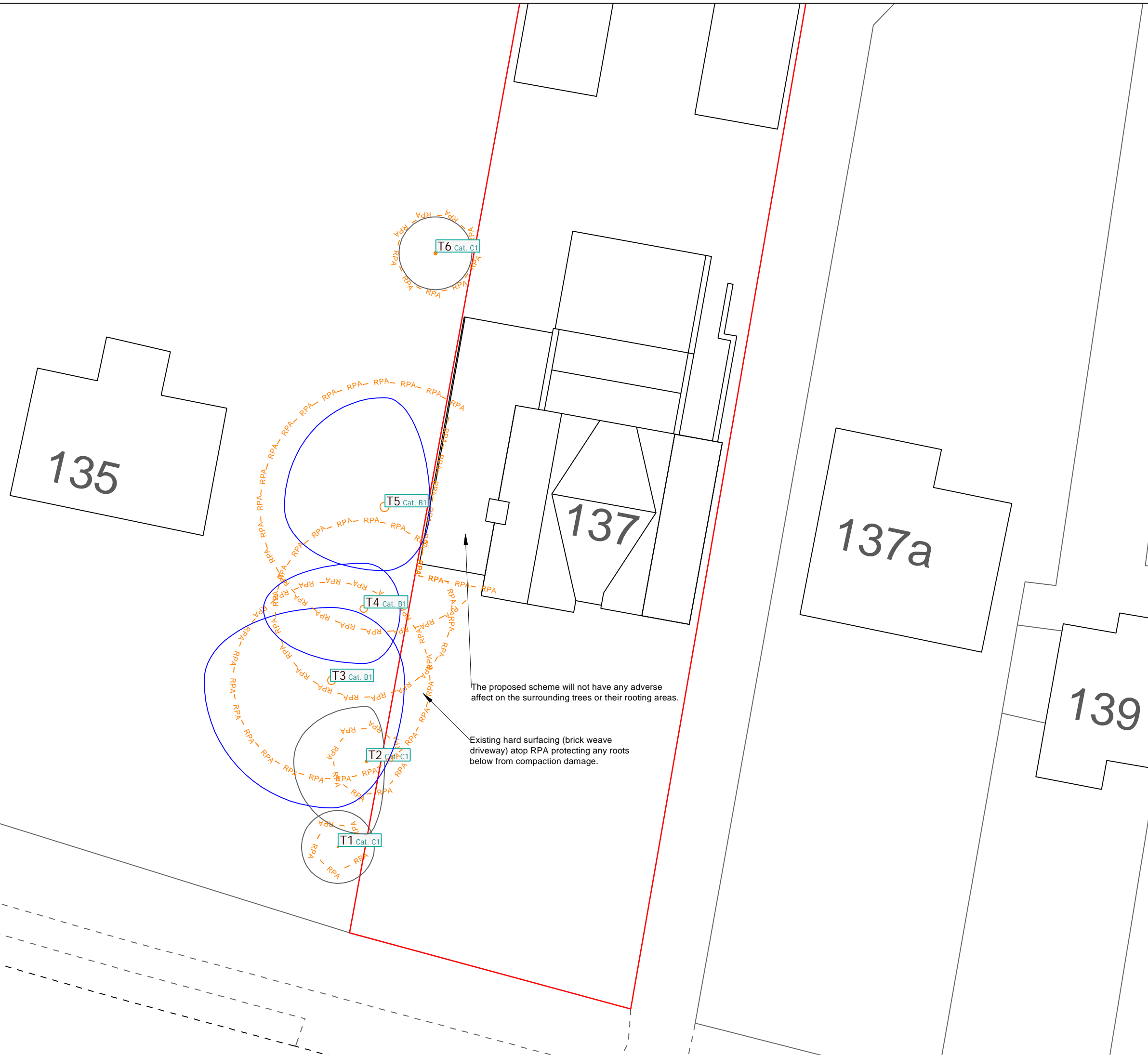
Project:			137 Huntingdon Road
Client:			Anthony Binns
Drawing:			Arboricultural Site Plan (Existing)
Drawing Ref:	Rev:	Date:	
P2468-ASP01	V1	30/06/2022	
Scale:	Drawn By:		
1:200 - A3	J. Sinclair		
Based on:			OS Map

All dimensions should be checked on site. No dimensions to be scaled from this drawing. Please notify us of any discrepancies found. Ligna Consultancy Ltd. cannot be held responsible for inaccuracies in the base drawing in which this plan is based. This drawing is designed to reflect the principles of the layout or design only, and relates only to the protection of retained trees.

An architect or structural engineer should be contacted over any matters of construction, detailing or specification and for any standards or regulatory requirements relating to proposed structures, hard surfacing or underground services.

This drawing was produced in colour - a monochrome copy should not be relied upon.  
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	<b>Root Protection Area (RPA)</b> : The notional area around each tree which should be left undisturbed during the development of the site		<b>RPA Incursion</b> : Anticipated incursion into the root protection area of a proposed tree which may result in root disturbance.
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**Further Object Key**

	<b>Tree Stem</b> : Diameter of stem at ~1.5m		<b>Tree Removal</b> : Trees designated for removal will comprise of a dashed canopy outline
	<b>Site Boundary</b> : Extent of site boundary (illustrative only)		<b>Buildings/Surfacing to be Removed</b> : Buildings or surfacing to be removed will generally be depicted with a dashed red line

The proposed scheme will not have any adverse affect on the surrounding trees or their rooting areas.

Existing hard surfacing (brick weave driveway) atop RPA protecting any roots below from compaction damage.



Project:			137 Huntingdon Road
Client:			Anthony Binns
Drawing:			Arboricultural Site Plan (Proposed)
Drawing Ref:	Rev:	Date:	
P2468-ASP02	V1	30/06/2022	
Scale:	Drawn By:		
1:200 - A3	J. Sinclair		
Based on:			Proposed Site Plan

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