

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 of 'T' or 'G' to describe whether they are an individual or a group, and 'S' or 'M' for a shrub or hedge. Using this identification number, further information for each tree/group can be found within the survey schedule.

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

Root Protection Areas

In order to avoid damage to the roots or rooting environment of retained trees, the Root Protection Areas (RPAs) 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 areas is reshaped to more accurately reflect the likely distribution of the roots.

<div>Root Protection Area (RPA): The notional area around each tree which should be left undisturbed during the development of the site.</div> <div>RPA Incursion: Anticipated incursion into the root protection area of a protected tree which may result in root damage.</div>	<div>Arboriculture Sensitive Demolition/Removal: A structure or surfacing is to be removed using special methods to avoid damage to roots.</div> <div>Specialist Foundations: Low impact foundations to be used to preserve underlying tree roots.</div>
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Further Object Key

<div>Tree Stem / Stem Line: Diameter of stem at +1.5m</div> <div>Site Boundary: Extent of site boundary (illustrative only)</div>	<div>Tree Removal: Trees designated for removal will complete a root filled canopy.</div> <div>Buildings/Surfacing to be Retained: Buildings or surfacing to be retained will generally be indicated with a dashed red line.</div>
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Ligna Consultancy

Culham

Client: Statera Energy Limited

Drawing: Arboricultural Site Plan (Proposed) (2)

Drawing Ref: P2891-ASP02.2

V5

Date: 02/05/2024

Scale: 1:500 - A1

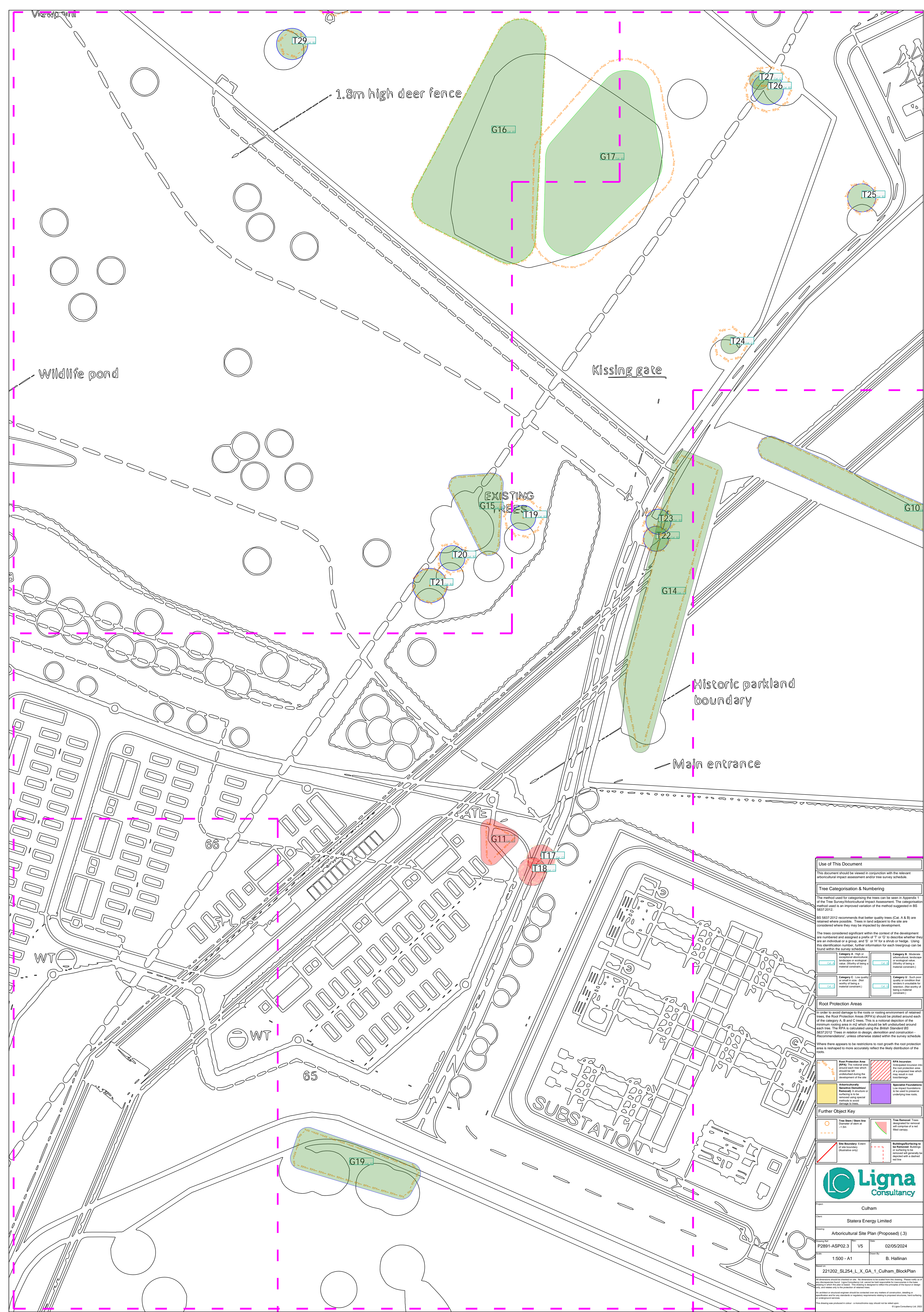
Drawn By: B. Hallinan

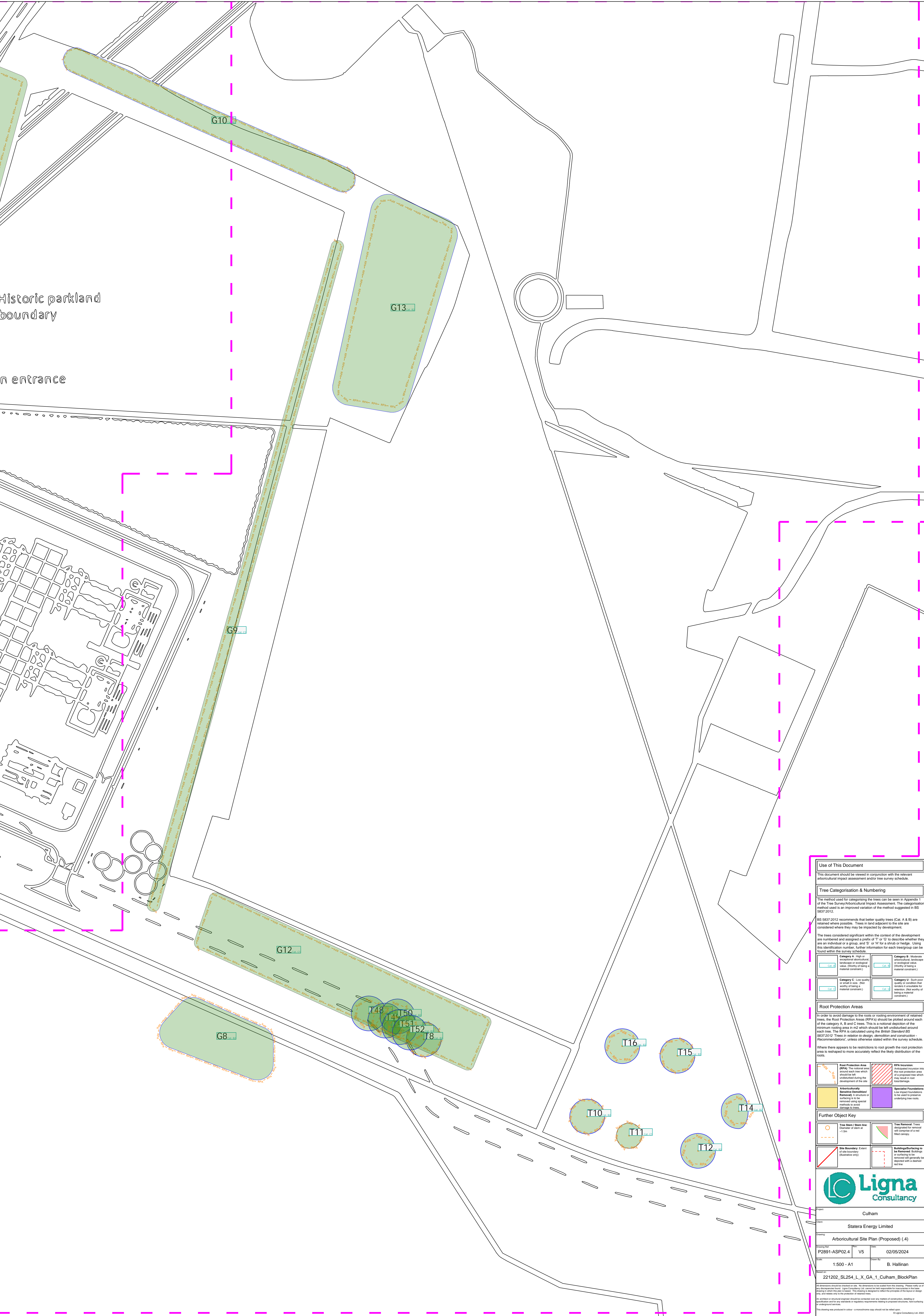
Sheet Ref: 221202_SL254_L_X_GA_1_Culham_BlockPlan

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An architect or structural engineer should be contacted over any matters of construction, detailing or specification and for any variations or regulatory requirements relating to proposed structures. Notwithstanding, this drawing was produced in colour - monochrome copy should not be relied upon.

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Tree Categorisation & Numbering

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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 of 'T' or 'G' to describe whether they are an individual or a group, and 'S' or 'M' for a shrub or hedge. Using this identification number, further information for each tree/group can be found within the survey schedule.

Category A - High or exceptional arboricultural, landscape or ecological value. (Worthy of being a material constraint.)	Category B - Moderate arboricultural, landscape or ecological value. (Worthy of being a material constraint.)
Category C - Low quality or small in size. (Not worthy of being a material constraint.)	Category U - 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 (RPAs) 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.

Root Protection Area (RPA) - The notional area around each tree which should be left undisturbed during the development of the site.	RPA Incursion - Anticipated incursion into the root protection area which may result in root damage.
Arboricultural Sensitivity Determination/Removal - A structure or surfacing is to be removed using special methods to avoid damage to roots.	Specialist Foundations - Low impact foundations to be used to preserve underlying tree roots.

Further Object Key

Tree Stem / Stem Line - Diameter of stem at >1.5m	Tree Removal - Trees designated for removal will comprise of a root filled canopy.
Site Boundary - Extent of site boundary (illustrative only)	Buildings/Surfacing to be Removed - Buildings or surfacing to be removed will generally be indicated with a dashed red line.



Client: Culham

Client: Statera Energy Limited

Drawing: Arbicultural Site Plan (Proposed) (L4)

Drawing Ref: P2891-ASP02.4 V5 Date: 02/05/2024

Scale: 1:500 - A1 Drawn By: B. Hallinan

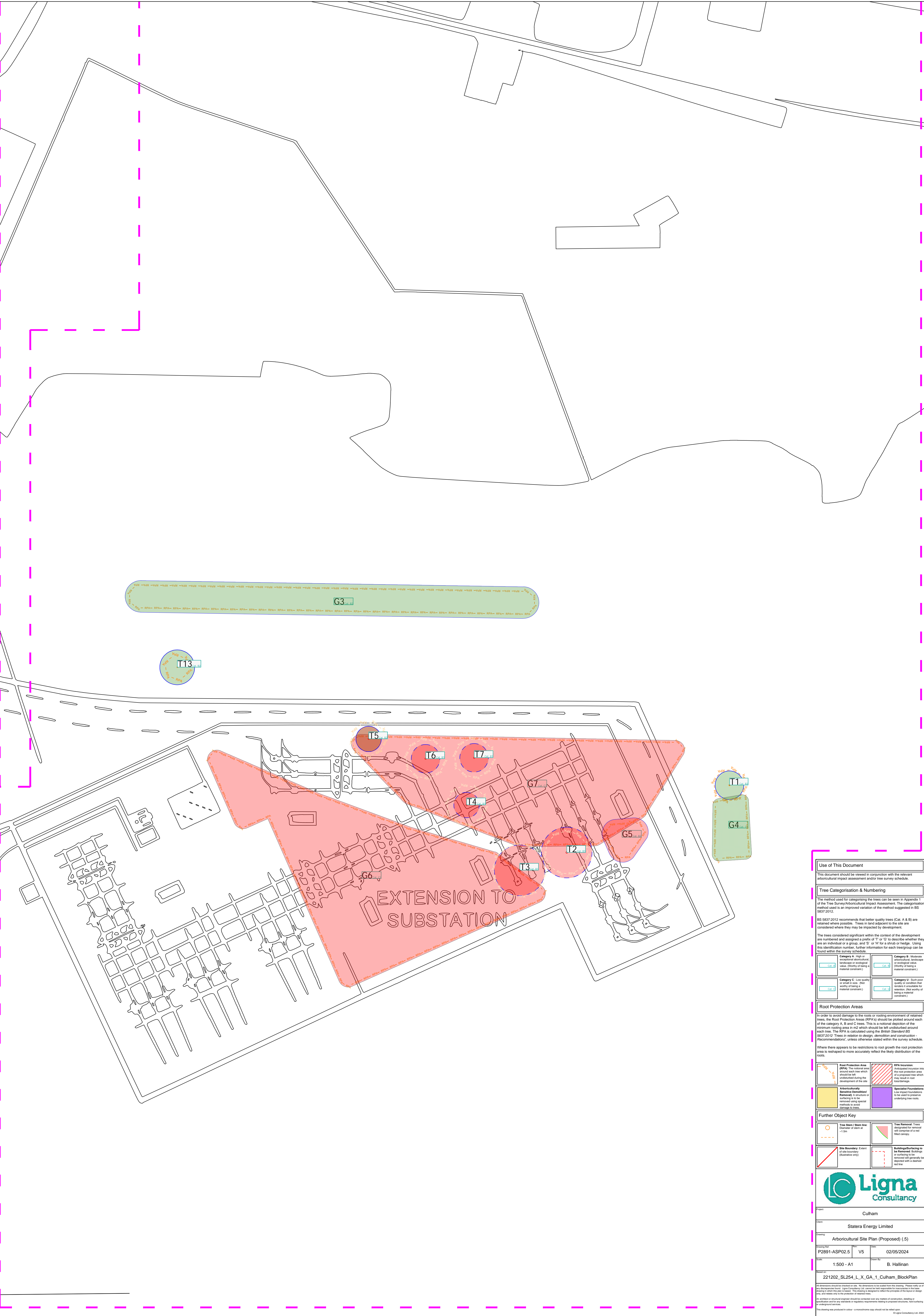
Based on: 221202_SL254_L_X_GA_1_Culham_BlockPlan

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

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Use of This Document

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Tree Categorisation & Numbering

The method used for categorising the trees can be seen in Appendix 1 of the Tree Survey/Arboreal 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 of 'T' or 'G' to describe whether they are an individual or a group, and 'S' or 'M' for a shrub or hedge. Using this identification number, further information for each tree/group can be found within the survey schedule.

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

Root Protection Areas

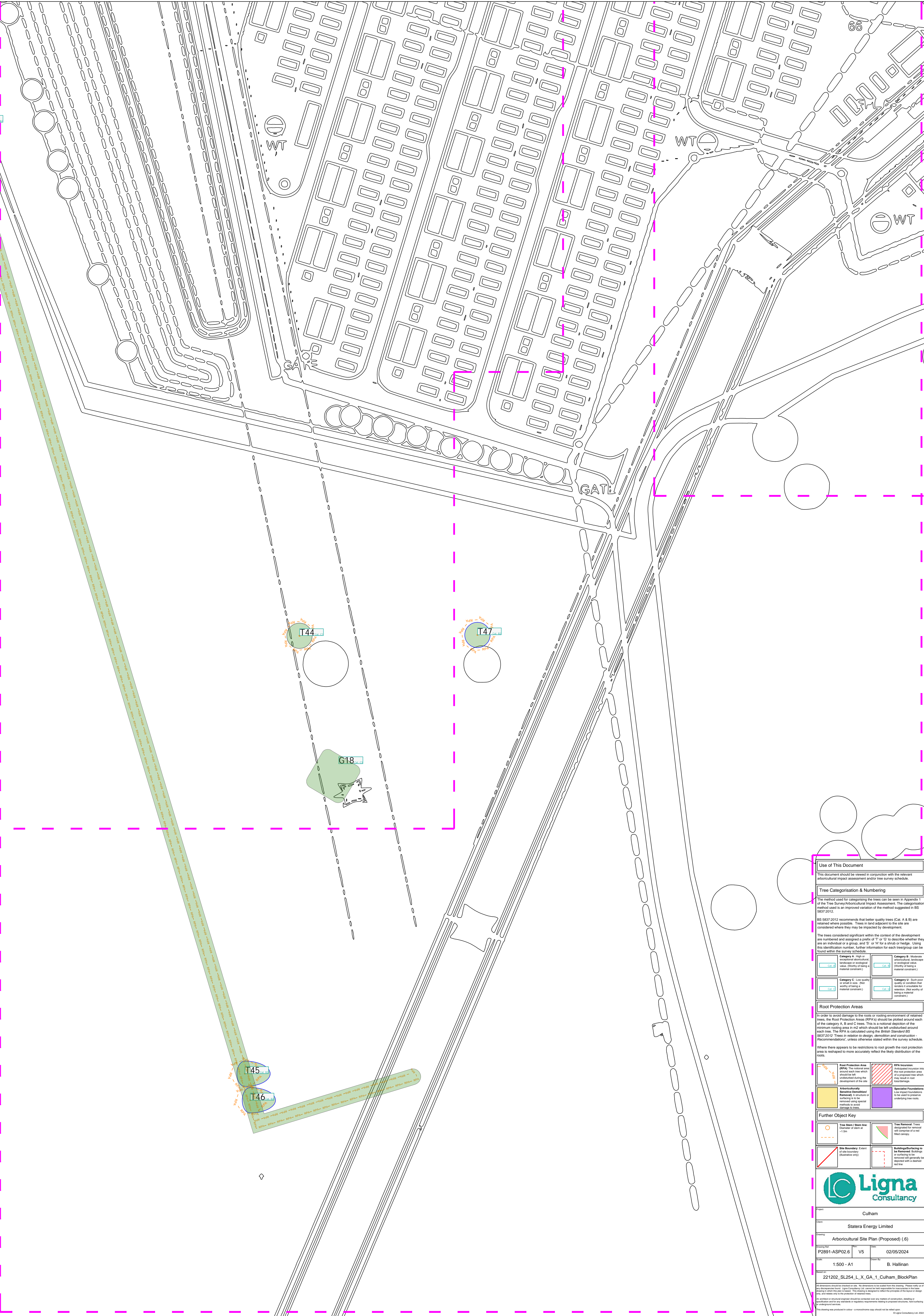
In order to avoid damage to the roots or rooting environment of retained trees, the Root Protection Areas (RPAs) should be plotted around each of the category A, B and C trees. This is a notional depiction of the minimum rooting area in m² which should be left undisturbed around each tree. The RPA is 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.

Root Protection Area (RPA) - The notional area around each tree which should be left undisturbed during the development of the site.	RPA Incursion - Anticipated incursion into the root protection area of a protected tree which may result in root loss/damage.
Arboricultural Sensitive Demolition/Removal - A structure or surfacing is to be removed using special methods to avoid damage to roots.	Specialist Foundations - Low impact foundations to be used to preserve underlying tree roots.

Further Object Key

Tree Stem / Stem Line - Diameter of stem at +1.5m	Tree Removal - Trees designated for removal will comprise of a red filled canopy.
Site Boundary - Extent of site boundary (illustrative only)	Buildings/Surfacing to be Retained - Buildings or surfacing to be retained will generally be indicated with a dashed red line.



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Tree Categorisation & Numbering

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

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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.

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Arbicultural Sensitivity Determination/Removal - A structure or surfacing is to be removed using special methods to avoid damage to roots.	Specialist Foundations - Low impact foundations to be used to preserve underlying tree roots.

Further Object Key

Tree Stem / Stem Line - Diameter of stem at >1.5m	Tree Removal - Trees designated for removal with complete or a well filled canopy.
Site Boundary - Extent of site boundary (illustrative only)	Buildings/Surfacing to be Retained - Buildings or surfacing to be retained with property to be removed with a dashed red line.



Client		Culham	
Client		Statera Energy Limited	
Drawing		Arbicultural Site Plan (Proposed) (L6)	
Drawing No.	P2891-ASP02.6	VS	02/05/2024
Scale	1:500 - A1	Drawn By	B. Hallinan
Sheet of 221202_SL254_L_X_GA_1_Culham_BlockPlan			

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Arboriculturally Sensitive Demolition/Removal - A structure or surfacing is to be removed using special methods to avoid damage to roots.	Specialist Foundations - Low impact foundations to be used to preserve underlying tree roots.

Further Object Key

Tree Stem / Stem Line - Diameter of stem at >1.5m	Tree Removal - Trees designated for removal will comprise of a red filled canopy.
Site Boundary - Extent of site boundary (illustrative only)	Buildings/Surfacing to be Removed - Buildings or surfacing to be removed will generally be indicated with a dashed red line.



Client	Culham
Drawn	Statera Energy Limited
Drawing	Arboricultural Site Plan (Proposed) (17)
Drawing No.	P2891-ASP02.7
Version	V5
Date	02/05/2024
Scale	1:500 - A1
Drawn By	B. Hallinan
Sheet No.	221202_SL254_L_X_GA_1_Culham_BlockPlan

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