



Arboricultural Impact Assessment BS5837:2012

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Project ref: AEL-18654



Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

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Table of Contents

1.	Summary.....	3
2.	Particulars of instruction.....	6
3.	Caveats.....	8
4.	Scope of report	9
5.	Documents supplied.....	9
6.	Legal and policy information.....	9
7.	Site description	11
8.	Tree and vegetation findings.....	13
9.	Constraints posed by existing trees	17
10.	Arboricultural Impact Assessment	18
11.	Arboricultural Method Statement	23
12.	Arboricultural terms	34
	Appendix I – Tree survey.....	36
	Appendix II – Tree Preservation Order check	102
	Appendix III – Tree Protection Notices	103
	Appendix IV – Tree categorisation table (BS5837:2012).....	105
	Appendix V – Bibliography	107
	Appendix VI – About the author	108

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes

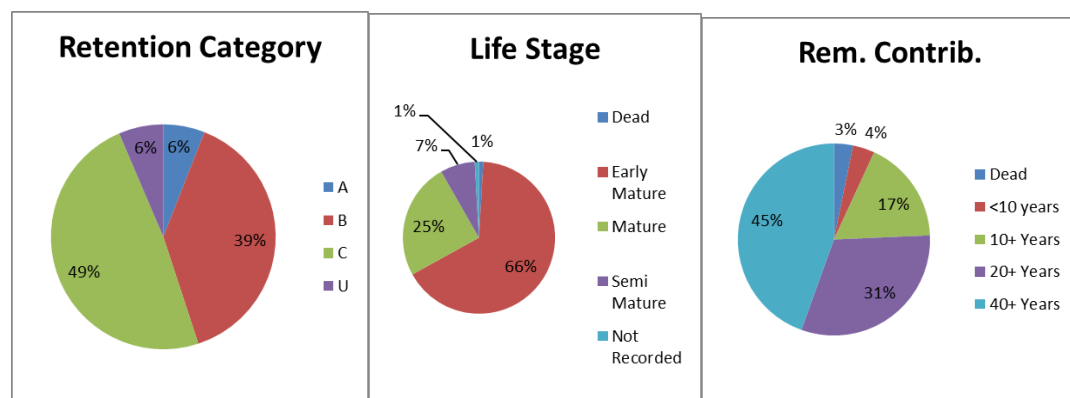


1. Summary

1.1 Outline of proposal

Creation of a new school buildings with associated hardstanding and parking areas. To include school buildings and outdoor spaces.

1.2 Summary of trees

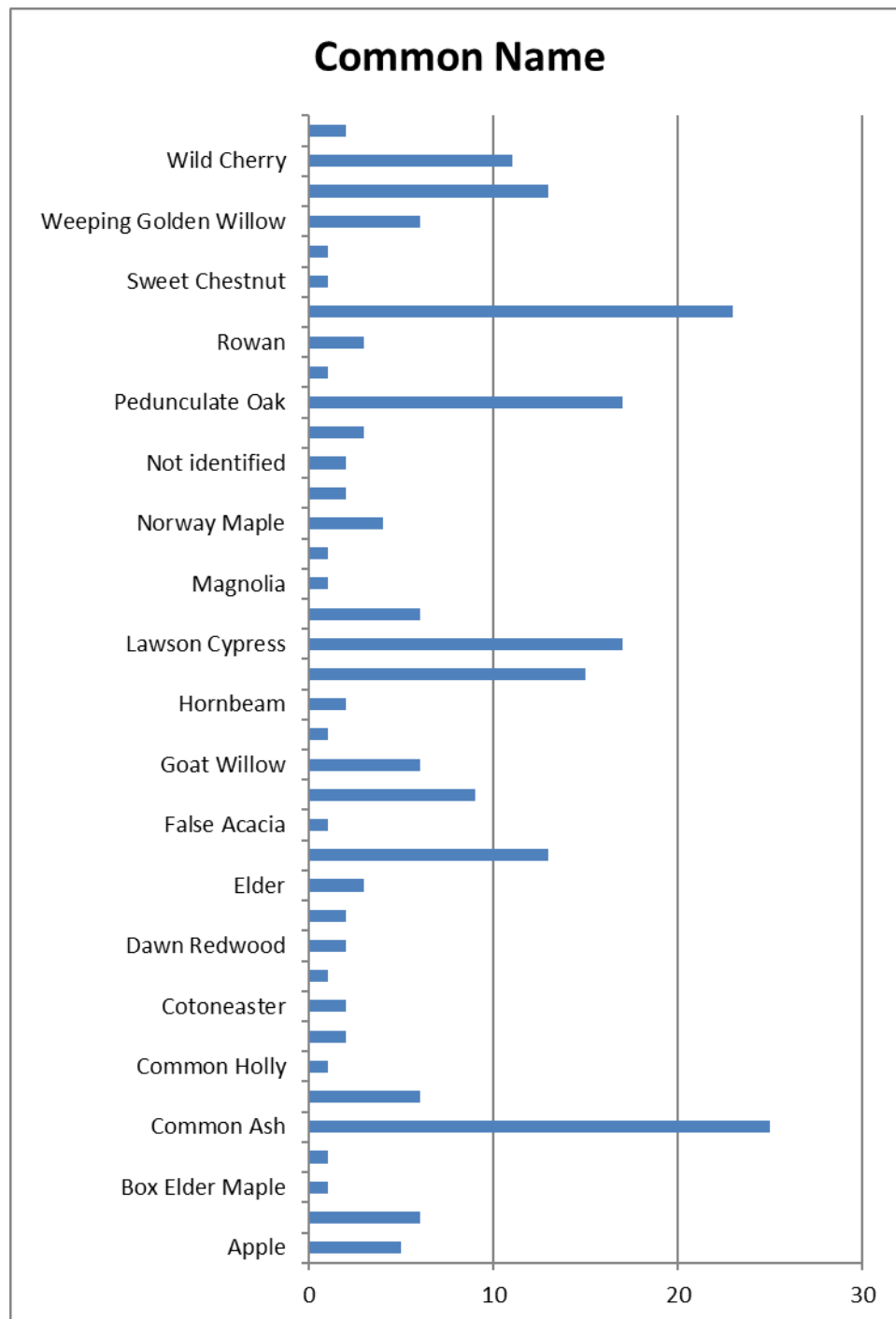


Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



1.3 Works required

Tree reference number	Species	Category grading	Works required	For Development	For Arboriculture
T162	Norway Spruce (<i>Picea abies</i>)	U	remove	Yes	Yes
T176	Silver Birch (<i>Betula pendula</i>)	B2	remove	Yes	
T187	Wild Service (<i>Sorbus torminalis</i>)	U	remove	Yes	Yes
T189	Box Elder Maple (<i>Acer negundo</i>)	B2	remove	Yes	
T191	False Acacia (<i>Robinia pseudoacacia</i>)	U	remove	Yes	Yes
T196	Wild Cherry (<i>Prunus avium</i>)	B1	remove	Yes	
T199	Silver Birch (<i>Betula pendula</i>)	U	remove	Yes	Yes
T204	Dawn Redwood (<i>Metasequoia glyptostroboides</i>)	U	remove	Yes	Yes
T205	Dawn Redwood (<i>Metasequoia glyptostroboides</i>)	B1	remove	Yes	
T206	Purple Cherry Plum (<i>Prunus cerasifera</i> 'Pissardi')	B1	remove	Yes	
T207	Magnolia (<i>Magnolia sp.</i>)	B1	remove	Yes	
T210	Whitebeam (<i>Sorbus aria</i>)	B1	remove	Yes	



2. Particulars of instruction

- 2.1 This report has been prepared to discharge the instruction of the client, Bowmer + Kirkland Limited 'The Client' in respect of detailed planning permission at University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF
- 2.2 The Client has commissioned a tree survey in compliance with *BS5837:2012 – Trees in relation to design, demolition and construction – Recommendations* to prepare a tree survey, Arboricultural Constraints Assessment, Arboricultural Impact Assessment, Tree Protection Plan and heads and terms of a Method Statement for the trees at the site.
- 2.3 The site survey was carried out on the 25th October 2022. The relevant qualitative and quantitative tree data and information was recorded to assess the condition of the trees and their constraints upon the proposed development and to provide a summary of any proposed protection and construction specification required.
- 2.4 I have based this report on my site observations and the information I have been provided with, and I have come to conclusions in the light of my experience as an arboriculturist. I include a summary of my experience and qualifications in Appendix VI.

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



2.5 All information given is in accordance with *BS5837:2012 – Trees in relation to design, demolition and construction – Recommendations*.

- I. Identification of tree by number value (collates with the associated plans)
- II. Common tree species
- III. Height (m)
- IV. Stem diameter (mm) at 1.5m above ground using a DBH tape (or as per BS5837 fig C.1)
- V. Branch spread to the four cardinal points (m)
- VI. Existing height above ground of first branch and direction (m)
- VII. Existing height above ground of canopy (m)
- VIII. Life stage (Young, Semi Mature, Early Mature, Mature, Over Mature)
- IX. Estimated remaining contribution (yrs) <10, 10+, 20+, 40+
- X. General observations, condition and preliminary management recommendations, physical condition and structural defects
- XI. Category (as per BS5837 Table 1)
- XII. Root Protection Area (RPA) radius (m)
- XIII. Root Protection Area (RPA) m²

3. Caveats

This advice and all appendices are subject to the following caveats:

- 3.1. This report is nullified if any remedial works are undertaken on any area of the site, on or after the date of study/survey.
- 3.2. The report is only valid on the date on inspection and any deletion, editing or alteration will void it in its entirety.
- 3.3. Apex Environmental Ltd does not assume responsibility for any works undertaken on the basis of the recommendations in this report or for any legal matters that may arise as a consequence.
- 3.4. The report is not valid in adverse or unpredictable weather conditions or for any failure due to *force majeure*.
- 3.5. Apex Environmental Ltd does not assume liability for any misuse, misinterpretation or misrepresentation of information contained in this report.
- 3.6. This report has been compiled using only the information made available to the author at the date of inspection.
- 3.7. Unless described as 'detailed', this assessment is of a preliminary nature. It was conducted from ground only, the tree(s) were not climbed or inspected below ground level (including roots). There was no use of decay detection equipment, and only basic surveying instruments were used.
- 3.8. At the time of writing, the author did not have any information as to the integrity of the main structure, its annexes or the drainage system.
- 3.9. Water supply/drainage systems, if damaged, can allow roots to penetrate. However, if the system is sound, or after repair, roots have little capacity to access/damage underground services.
- 3.10. Any doubt as to the structural condition of properties on site would require the advice of a structural engineer.

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



4. Scope of report

- 4.1 The aim of this report is to give guidance under *BS5837:2012 – Trees in relation to design, demolition and construction – Recommendations*. This will help to facilitate a harmonious and sustainable situation and long-term development.
- 4.2 The report will identify the value and quality of the woody vegetation on and within impacting distance of the site. All data gathered will be used to identify and address the impact that vegetation will have on the proposed development and the impact the development will have on the vegetation.

5. Documents supplied

Document title	Document Ref	Format	By whom	Date given
Topographical survey	45301_T_REV03D	DWG	Client	14/11/2022
Topographical survey	45301_T_UG_REV0	DWG	Client	14/11/2022
Final layout	SRP1155-ONE-00ZZ-D-L-003	DWG	Client	16/01/2024

6. Legal and policy information

6.1. Tree Protection

Protection	Status	Comments
Tree Preservation Order	No	Email from LPA
Conservation Area	No	Email from LPA
Other		

6.2. Wildlife protection

Under the Wildlife & Countryside Act 1981 and the Countryside and Rights of Way Act 2000, it is a criminal offence under normal circumstances to disturb or destroy – whether intentional or unintentional - the nesting sites of wild birds or the roost sites of bats. You should therefore avoid carrying out significant tree works during the bird nesting season [mid- March to end of July], and you should ensure that trees are professionally surveyed for signs of bat roosts and/or bat activity before starting any tree work. Further advice on protected species can be obtained from the local office of Natural England.

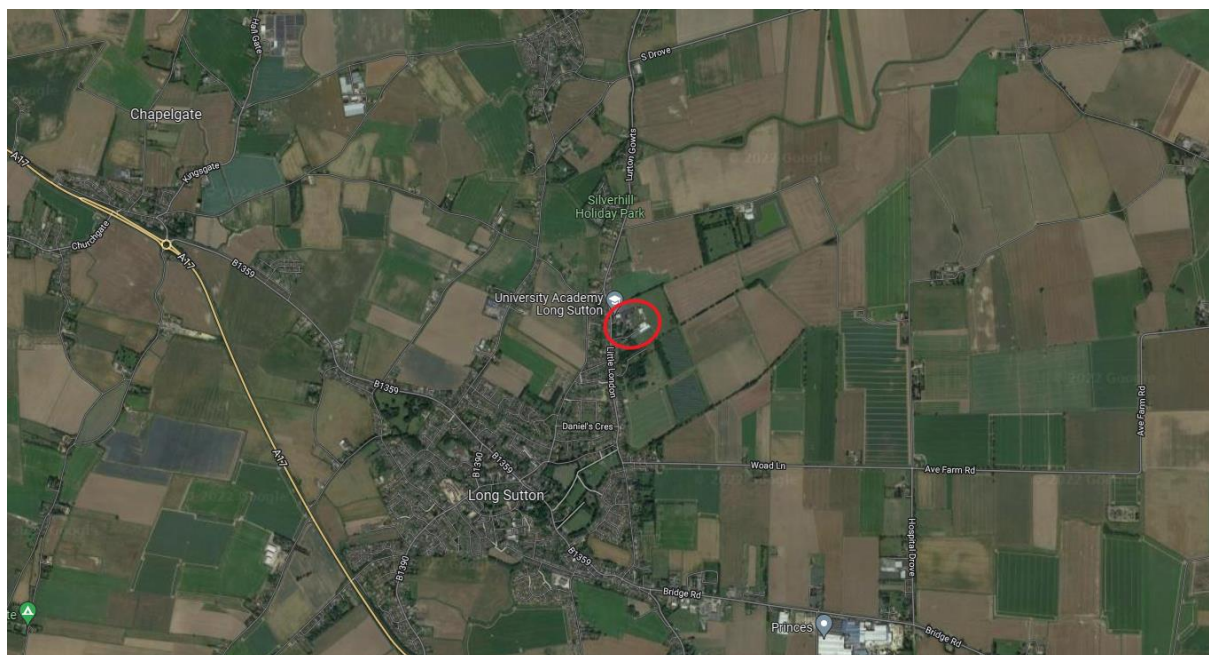
6.3. Felling licence

Tree felling can also be restricted under the Forestry Act 1967. Under this act, there is an exemption from the need for a felling licence for 'Felling necessary for the prevention of danger or the prevention or abatement of a nuisance'.

If full planning consent is granted for the current proposal, then any trees that need to be felled in order to implement the approved plans are exempt from this statutory protection. It should also be considered that any proposed tree works detailed in the tree schedule are also implemented as part of the planning decision consent.

7. Site description

- 7.1 The site is a large sized period secondary school with a large outdoor area spaces and secondary buildings. This includes sports facilities and pre-school nursery. The site is set on the edges of a small village and has surrounding rural areas. There are direct views from the school to agricultural land.
- 7.2 Currently the school is a large mainly two storey building. There are other secondary buildings set within the site and some smaller buildings which are being used as a pre-school nursery.
- 7.3 The property is accessed via the public adopted road of Little London. The road has good vehicle access and the entrance to the school is also of good access with regular high sided vehicles entering and exiting the land.
- 7.4 The site location is shown in red.



Source: www.google.com



7.5 Soil assessment

The assessment determines whether the soil is shrinkable. If it is, trees and other vegetation have the potential to cause indirect damage to structures. In such cases, further assessments should be carried out and the design of foundations should be considered by a structural engineer.

No information has been supplied on the soil assessment, details of which will need to be obtained and passed to the arboricultural consultant and structural engineer before the submission of any Arboricultural Method Statement.

7.6 Levels

The site has several changes in levels, and this will need to be fully addressed within any future scheme. The main changes are around the playground areas and roadways with retaining walls close to existing trees. Changes in these levels may impact on the retained trees.

7.7 Trees surveyed

There is a total of 218 trees and groups which have been inspected. This report has only listed the trees in connection to the main development on the site.

8. Tree and vegetation findings

8.1 The tree survey has been carried out in accordance with *BS5837:2012 – Trees in relation to design, demolition and construction – Recommendations*, Section 4.4.

8.2 Tree categorisation method

The purpose of this method is to identify the quality and value of the existing tree stock, allowing informed decisions to be made about which trees should be removed or retrained in the event of development occurring.

A full tree survey has been included in appendix I.

Category U – Those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years.

Category C – Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm.

Category B – Trees of moderate quality with an estimated remaining life expectancy of at least 20 years.

Category A – Trees of high quality with an estimated remaining life expectancy of at least 40 years.

8.3 Any works with regards to the overall application have been listed in this report.

8.4 Findings

Young	Semi Mature	Middle Aged	Early Mature	Mature	Over Mature	Dead	TOTAL
	16		146	54		2	218

A	B	C	U
13	85	106	14

Review of trees on site

The trees on the site are set throughout the site and are of all different age ranges. The trees are also of different categories.

There are 13 Category A trees which include T020, T047, T086, T133, T134, T135, T136, T137, T138, T160, T161, T163, T164. These trees are spread throughout the site and some require just minor maintenance works such as crown lifting and the removal of deadwood in order to abate the tree owners duty of care. Any future design must consider the location and future development of these trees.

There are 85 Category B1 and B2 trees and groups throughout the site which must be considered in the future development of the site. These trees have slight impairments but are still considered as the same quality as Category A trees.

The 106 Category C1 and C2 are throughout the site and have some impairments that mean that they will not grow to Category B or A trees. These trees are seen as potential trees, which could be removed due to impairments, assuming there is sufficient and significant replanting to mitigate the tree loss.

There are also 14 Category U trees including T004, T005, T039, T046, T059, T095, T098, T104, T114, T162, T187, T191, T199, T204. All trees will need to be removed regardless of any application in order to discharge the owner's duty of care.

The other trees are of good to fair condition and should where possible be retained for the future benefits of others.

The trees are mainly planted to the outer edges of the site. Along the north boundary the trees are partly on 3rd party land. This includes conifer trees which overhang the playing area and several Ash trees. Along the eastern boundary the trees are mainly within the school boundary. There is

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



also a second double row of trees to the east of the site. Several of the trees are in poor condition and will require removal.

Along the south boundary several of the trees have been topped at 4m. The line of trees is along the boundary and the all-season training grounds. To the south is a thick woodland which was too dense to fully inspect. Overall, this woodland could benefit from some management works. This could include thinning out the group to open up walkways and increase usage.

Along the front area, there is a number of trees which are forming groups. These are mainly Silver Birch and beech. The groups could be thinned out to allow for the more successful trees to grow.

There are also two internal areas. These are mainly smaller trees which have no public visibility and are of low-quality form and species.

Tree works due to arboricultural concerns

Ref.	Species	General Observations	Retention Category	Recommendations
T004	Elder (<i>Sambucus nigra</i>)	3rd party tree growing close to boundary fence and overhangs the boundary	U	Remove tree.
T005	Maple (<i>Acer sp.</i>)	3rd party tree growing close to boundary fence and overhangs the boundary	U	Remove tree.
T039	European Larch (<i>Larix decidua</i>)	3rd party tree growing close to boundary fence and overhangs the boundary and entangled in fence. Covered in ivy unable to fully inspect	U	Remove tree.
T046	Common Ash (<i>Fraxinus excelsior</i>)	Self-set tree growing through the fence	U	Remove tree.

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T059	Whitebeam (<i>Sorbus aria</i>)	growing close to boundary fence and overhangs the boundary and entangled in fence Dieback - poor foliage. Dead wood.	U	Remove tree.
T095	Wild Cherry (<i>Prunus avium</i>)	Branch failures and decay in stem of tree	U	Remove tree.
T098	Wild Cherry (<i>Prunus avium</i>)	Branch failures and decay in stem of tree	U	Remove tree.
T104	Wild Cherry (<i>Prunus avium</i>)	Branch failures and decay in stem of tree	U	Remove tree.
T114	Horse Chestnut (<i>Aesculus hippocastanum</i>)	Dead tree	U	Remove tree.
T162	Norway Spruce (<i>Picea abies</i>)	Dead tree	U	Remove tree.
T187	Wild Service (<i>Sorbus torminalis</i>)	Part of a group of trees growing to the front of the site honey fungus at base of tree	U	Remove tree.
T191	False Acacia (<i>Robinia pseudoacacia</i>)	growing to the front of the site, honey fungus at base of tree	U	Remove tree.
T199	Silver Birch (<i>Betula pendula</i>)	Part of a group of trees growing to the front of the site, birch polypore on stem	U	Remove tree.
T204	Dawn Redwood (<i>Metasequoia glyptostroboides</i>)	Dead tall stump	U	Remove stump.

9. Constraints posed by existing trees

The RPA and category of the trees retained on site are listed within the Tree Constraints Plan. This information is taken from above-ground site observations. Inspection chambers or other features that may hinder direct root growth have been indicated within the plan, and the indicated RPA has been amended as per *BS5837:2012 – Trees in relation to design, demolition and construction – Recommendations*, Section 5.2.1.

Further constraints imposed by trees include:

- i. Current and ultimate height and spread of tree(s).
- ii. Species characteristic, including canopy type, density of foliage and species susceptibility to external factors such as honey dew, branch drop and fruit fall.
- iii. Shading on property and gardens, or excessive light to rooms (as indicated within the Tree Shadow Plan).
- iv. The presence of Tree Preservation Orders and the presence of Conservation Areas or other regulatory protection.
- v. Potential incompatibilities between the layout and trees.
- vi. Working and access space needed for the construction of the proposed development. This might involve assess facilitation pruning, or the use of a height restriction to prohibit tall vehicles accessing a site containing trees with low canopies.
- vii. The effect that construction requirements might have on the amenity value of trees, both on and near the site, including the effects of pruning to facilitate access and working space.
- viii. The requirement to protect the overhanging canopies of trees where they could be damaged by machinery, vehicles, barriers or scaffolding, where it will be necessary to increase the extent of the tree protection barriers to contain the canopy.
- ix. Infrastructure requirements in relation to trees, e.g. easements for underground or above-ground apparatus, highway safety and visibility splays, and other infrastructural provisions, such as substations, refuse stores, lighting, signage, solar collectors, satellite dishes and CCTV sightlines.
- x. The proposed end use of the space adjacent to retained trees.
- xi. The potential for new planting to provide mitigation for any losses.

10. Arboricultural Impact Assessment

10.1 Amenity value of the trees on site

The trees are mainly set to the outer edges and therefore they are seen as part of a landscape feature and where possible should be retained when possible. However, overall there are a number of trees on the site and the removal of some internal trees or selective trees within groups would not be overly noticed.

10.2 Facilitation works

There is sufficient space to import materials and build without further trees works or facilitation pruning works.

10.3 Storage of materials, siting of welfare units and contractor parking

The Tree Protection Plan (TPP) has indicated the most suitable location for the contractors parking and the storage of materials while the main development takes place.

10.4 Background to incursions between layout (drives, parking areas, paths, landscaping) and the trees for retention

Where permanent hard surfacing within the RPA is considered unavoidable, site-specific and specialist arboricultural and construction design advice should be sought to determine whether it is achievable without significant adverse impact on the trees.

The design should not require excavation into the soil, including through lowering of levels and or scraping, other than the removal, using hand tools, of any turf layer or other vegetation.

The structure of the hard surface should be designed to avoid localised compaction by evenly distributing the load.

New permanent hard surfacing should not exceed 20% of any existing unsurfaced ground within the RPA.

In order to maintain the soil volume moisture, the surface should be of permeable hard material (unless there is a risk of water logging of soils). The design should incorporate a three-dimensional design such as 'no-dig' Cell Web. Any 'no-dig' specification has been included within the Tree Protection Plan.

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



10.5 Incursions on this project

Tree reference number	Species	Category grading	RPA m ²	Hard standing Incursion (m ²)	Pond Incursion (m ²)	Road Incursion (m ²)	TOTAL %	Significance	Comments
T107	Common Alder (<i>Alnus glutinosa</i>)	B1	137	27			19.7	Insignificant	BS5837:2012 S7.4.2.3 allows for up to 20% of new hardstanding with the RPA of existing trees.
T166	Horse Chestnut (<i>Aesculus hippocastanum</i>)	B2	360	3			0.8	Insignificant	BS5837:2012 S7.4.2.3 allows for up to 20% of new hardstanding with the RPA of existing trees.
T171	Common Beech (<i>Fagus sylvatica</i>)	B2	181	26			14.4	Insignificant	BS5837:2012 S7.4.2.3 allows for up to 20% of new hardstanding with the RPA of existing trees.
T174	Common Beech (<i>Fagus sylvatica</i>)	B2	41	8			19.5	Insignificant	BS5837:2012 S7.4.2.3 allows for up to 20% of new hardstanding with the RPA of existing trees.
T175	Silver Birch (<i>Betula pendula</i>)	B2	41	6			14.6	Insignificant	BS5837:2012 S7.4.2.3 allows for up to 20% of new hardstanding with the RPA of existing trees.
T176	Silver Birch (<i>Betula pendula</i>)	B2	41	10			24.4	Significant	Impact will be greater than 20% and will require the removal of the tree.
T178	Silver Birch (<i>Betula pendula</i>)	B2	113	4			3.5	Insignificant	BS5837:2012 S7.4.2.3 allows for up to 20% of new hardstanding with the RPA of existing trees.

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T188	Pedunculate Oak (<i>Quercus robur</i>)	B2	366			7	1.9	Insignificant	BS5837:2012 S7.4.2.3 allows for up to 20% of new hardstanding with the RPA of existing trees. This will also include root pruning to drop existing levels to match new driveway.
T189	Box Elder Maple (<i>Acer negundo</i>)	B2	41			4	9.8	Insignificant	BS5837:2012 S7.4.2.3 allows for up to 20% of new hardstanding with the RPA of existing trees. This will also include root pruning to drop existing levels to match new driveway.
T192	Sweet Chestnut (<i>Castanea sativa</i>)	B2	296	53			17.9	Insignificant	BS5837:2012 S7.4.2.3 allows for up to 20% of new hardstanding with the RPA of existing trees.
T194	Cotoneaster (<i>Cotoneaster sp.</i>)	B2	72	6			8.3	Insignificant	BS5837:2012 S7.4.2.3 allows for up to 20% of new hardstanding with the RPA of existing trees.
T196	Wild Cherry (<i>Prunus avium</i>)	B1	145	145			100.0	Significant	Impact will be greater than 20% and will require the removal of the tree.
T204	Dawn Redwood (<i>Metasequoia glyptostroboides</i>)	U						Significant	Impact will be greater than 20% and will require the removal of the tree.
T205	Dawn Redwood (<i>Metasequoia glyptostroboides</i>)	B1	6	6			100.0	Significant	Impact will be greater than 20% and will require the removal of the tree.
T206	Purple Cherry Plum (<i>Prunus cerasifera</i> 'Pissardi')	B1	53	53			100.0	Significant	Impact will be greater than 20% and will require the removal of the tree.
T207	Magnolia (<i>Magnolia sp.</i>)	B1	36	36			100.0	Significant	Impact will be greater than 20% and will require the removal of the tree.

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T210	Whitebeam (<i>Sorbus aria</i>)	B1	41		12		29.3	Significant	The new pond area will be within the RPA of the tree. The impact will be significant and the increase in moisture is likely to lead to drawing of the tree roots. The tree will need to be removed.
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The new building will be sat within the footprint of the existing playground area and therefore there is little impact on the surrounding trees. It is seen following all standard processes that the scheme is viable and does not adversely affect the retained trees. However, further mitigation measures can also include the use of no-dig footways within the RPA of the retained trees. This will need to be constructed under the supervision of the Arboricultural Consultant.

10.6 Inclusion of new infrastructure requirements

The new building will be sat within the existing playground area. There is clear sight lines from the existing building to the playground and this is devoid of trees. This means that it would be possible to link all new services up with the existing routes outside of the RPA of the retained trees.

10.7 Canopy issues on the new development

Shading of buildings by this scheme is not an issue and the shading plan shows that there are no issues.

10.8 Potential tree removal to facilitate the development

It will be necessary to remove 7 trees to facilitate the development. This includes 1 Category U tree which would require removal regardless of the application. The other 6 trees are Category B trees.

10.9 Mitigation of tree loss and new planting

The site has included new open spaces and pond areas. It should therefore be possible to include additional tree planting on a ratio of 2:1 to mitigate against the loss of these trees.

10.10 Potential for future direct damage

There will be no future direct damage issues from this scheme.

10.11 Future seasonal nuisances

There will be no future seasonal nuisances from this scheme.

11. Arboricultural Method Statement

11.1 Key personnel

There will be moderate presence on site and this will include a project manager, site manager/foreman, workers and additional persons off-loading materials. All personnel on site must report to the site manager.

Before any works take place, a toolbox talk must be given from the arboricultural consultant to all workers on site to explain the importance of the trees and how to work around the trees.

11.2 Accidents and emergencies involving trees

Any accidents involving the trees on the site, any emergencies or any spill of liquids or chemicals on site MUST be reported to the lead arboricultural consultant by the site manager within two hours. Following discussion, the arboricultural consultant will produce a plan of action, which may involve non-routine site visits and follow-up visits to make the site safe. All accidents are to be reported on including any treatments such as soil removal, root pruning, de-compaction of soils. This report must be sent to the site manager, project manager and the LPA within five working days.

11.3 Phasing of onsite works

The phasing of the works will take place as follows:

- a. Pre-contract meeting
- b. Tree works
- c. Installation of tree protection fencing
- d. Siting of welfare units and storage of materials
- e. Construction in proximity to existing trees
- f. Undertaking and completing construction works
- g. Undertaking and completing all service works
- h. Demolition of existing structures
- i. Undertaking external landscape works to areas outside of the tree protection fencing
- j. Removal of tree protection fencing
- k. Undertaking external landscaping works within the tree protection fencing area
- l. Sign off from the construction company and arboricultural consultant (no further involvement is required)

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

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11.4 Tree works

For reasons of safety, all tree works referred to below must be carried out prior to the delivery of any building materials or any site personnel being engaged to work on the land.

Summary of tree works

Tree reference number	Species	Category grading	Works required	For Development	For Arboriculture
T162	Norway Spruce (<i>Picea abies</i>)	U	remove	Yes	Yes
T176	Silver Birch (<i>Betula pendula</i>)	B2	remove	Yes	
T187	Wild Service (<i>Sorbus torminalis</i>)	U	remove	Yes	Yes
T189	Box Elder Maple (<i>Acer negundo</i>)	B2	remove	Yes	
T191	False Acacia (<i>Robinia pseudoacacia</i>)	U	remove	Yes	Yes
T196	Wild Cherry (<i>Prunus avium</i>)	B1	remove	Yes	
T199	Silver Birch (<i>Betula pendula</i>)	U	remove	Yes	Yes
T204	Dawn Redwood (<i>Metasequoia glyptostroboides</i>)	U	remove	Yes	Yes
T205	Dawn Redwood (<i>Metasequoia glyptostroboides</i>)	B1	remove	Yes	
T206	Purple Cherry Plum (<i>Prunus cerasifera</i> 'Pissardi')	B1	remove	Yes	
T207	Magnolia (<i>Magnolia sp.</i>)	B1	remove	Yes	
T210	Whitebeam (<i>Sorbus aria</i>)	B1	remove	Yes	

Notes:

All tree works are to be undertaken in accordance with *BS2998:2010, Tree Work – Recommendations*. All arisings are to be removed from site and the site should be left as found. Care is to be taken to protect the ground around the retained tree and hedge to ensure they do not

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



become compacted due to tree surgery operations. To prevent subsequent compaction and root death, no equipment or vehicles shall be parked or driven beneath the crowns of any retained trees.

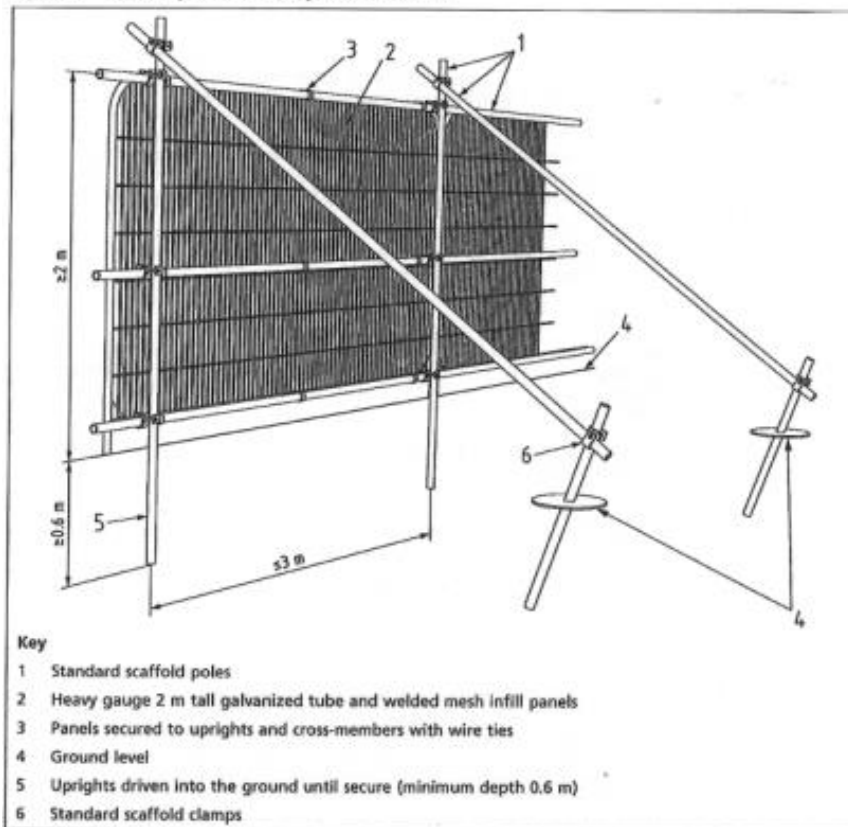
If required by the client, Apex Environmental Ltd can source, tender and oversee the necessary tree works.

In any case, there will be a requirement for the lead arboricultural consultant to assess the works to ensure they have been carried out to specification and in line with *BS3998:2010* guidance.

11.5 Installation of the tree protection fencing

The fence must be erected in line with the Tree Protection Plan and under the supervision of the Arboricultural Consultant. The fence must be erected before any construction or demolition works take place. This will be of the specification detailed overleaf.

Figure 2 Default specification for protective barrier



Standard scaffold poles to be a minimum length of 2.7m and set into the ground to a minimum depth of 0.6m. Brace using scaffold clips to create a straight back frame using lateral lengths with one position at ground level, one at fence height level and one within the middle. Uprights to be positioned every 3m and supported by a holding scaffold pole between 30 and 45 degrees (depending on space behind and proximity to trees). These are to be supported by the use of scaffold clips to a scaffold ground anchor (short section of scaffold driven into the ground to a minimum depth of 0.6m).

On the outer face, attach heavy gauge 2m tall galvanized tubular and welded mesh infill panels, such as heras fence panels or similar. These are to be securely fixed to the scaffold frame within the mesh with signs attached bearing the words TREE PROTECTION AREA – KEEP OUT (See appendix III).

11.6 Prohibited actions around trees

The following activities must not be carried out under any circumstances:

- A. No fires to be lit on site within 10 metres of the nearest point of the canopy of any retained tree/hedgerow on or adjacent to the proposal site.
- B. No equipment, signage, fencing etc. shall be attached to or be supported by any retained tree on or adjacent to the application site,
- C. No temporary access within designated root protection areas without the prior written approval.
- D. No access within the designated Construction Exclusion Zone.
- E. No mixing of cement, dispensing of fuels or chemicals within 10 metres of any retained tree/hedgerow on or adjacent to the application site.
- F. No development or additional cables to be routed within the root protection areas of any retained tree/hedgerow on or adjacent to the application site without direct arboricultural supervision.
- G. No stripping of topsoils, excavations or changing of levels to occur within the root protection areas of any retained tree/hedgerow on or adjacent to the site.
- H. No topsoil, building materials or other to be stored within the root protection areas of any retained tree/hedgerow on or adjacent to the site.
- I. No alterations or variations of the approved works or protection schemes shall be carried out without the full consultation of the Arboricultural Consultant.
- J. Any material movement close to trees must also consider weights and heights to ensure that tall or bulky items do not contact any branch or limb of retained trees.

11.7 Installation of the 'no dig' pathways through the RPA of retained trees and under arboricultural supervision

Cellular confinement system specifically designed for tree root protection and is a NO DIG tree root protection measure and no excavation or scrapping of soils to be performed without prior approval and guidance from the Arboricultural Consultant and Local Authority Arboricultural Officer.

Installation Method

- 1. Prepare the Surface
 - I. Remove the surface vegetation using appropriate hand held tools or herbicide.
 - II. Herbicide: According to BS5837:2012 "The use of herbicides in the vicinity of existing trees should be appropriate for the type of vegetation to be killed, and all instructions, warnings and other relevant information from the manufacturers should be strictly observed and followed. Care should be taken to avoid any damaging effects upon existing plants and trees to be retained, species to be introduced, and existing sensitive habitats, particularly those associated with aquatic or drainage features."

- III. Remove any surface rocks, debris and organic material.
- IV. Create a level surface by filling any hollows with clean angular stone or sharp sand.
- V. Do not level off high spots or compact the soil through rolling.

- 2. Lay out the Non-Woven Geotextile material
 - I. Lay out the Non-Woven Geotextile over the prepared area, overlaying the edges of the required area by 300mm.
 - II. Overlap any joins by 300mm minimum or more, depending on soil structure
 - III. Geotextile: We recommend the installation of a Non-Woven Geotextile under the Cellweb® TRP, or under the sub-base, if installed. The overlapping between adjacent rolls of Geotextile should be: CBR > 3%: 300mm minimum, CBR between 1% and 3%: 500mm minimum. CBR ≤ 1%: 750mm minimum.

- 3. Lay out the Cellular Confinement System
 - I. Lay out the collapsed Cellular confinement system on-top of the Non-Woven Geotextile.
 - II. Place one of the supplied J pins into the centre cell at the end of the panel and secure into the ground.
 - III. Pull out the Cellular confinement system to its full 8.1m length and secure its length with another J pin.
 - IV. Now measure its width to 2.56m and secure in each of the corners with the J pins.
 - V. Use 10 pins per panel to create a panel measuring 8.1m x 2.56m.
 - VI. This will produce a cell size of 259mm x 224mm which is the required cell diameter. Each cell must be fully extended and under tension.
 - VII. Staple adjacent panels together at each cell.
 - VIII. Staples: Number of staples per join: 200mm: 5 staples. 150mm: 4 staples. 100mm: 3 staples. 75mm: 3 staples.
 - IX. If a curved path or shape is required, this should be cut when the Cellular confinement system panel is pinned out to 8.1 x 2.56m, ensuring complete cells remain. Do not try to curve or bend the Cellular confinement system panels into place.
 - X. All cells must be fully opened to the required diameter.

- 4. Infill the Clean Angular Stone
 - I. The infill material must be a clean angular stone, Type 4/20mm or Type 20/40mm.
 - II. Granular Fill: Open graded sub-base, clean angular stone Type 4/20 or Type 20/40. Please refer to BS7533-13:2009 and to the Design Manual for Roads and Bridges (DMRB), Volume 4 Geotechnics and Drainage, Section 1 Earthworks, HA44/91, Volume 7 – IAN 73/06 Design Guidance for road pavement foundations and Manual of Contract Documents for Highway Works (MCHW), Volume 1 Specification for Highway Works for the construction and maintenance of the fill material.
 - III. Do not use M.O.T type 1 or crushed stone with fines for tree root protection.

- IV. Infill the Cellular confinement system cells with the clean angular stone, working towards the tree and using the infilled panels as a platform.
 - V. Minimum 25mm overfill of clean angular stone when used in conjunction with a hard surface.
 - VI. No compaction is required of the infill. Do not use a whacker plate or other means of compaction.
 - VII. Encourage settlement of the stone with the use of a light roller or with 2-3 passes of the construction plant used for installation.
 - VIII. If the clean angular stone is being used as the final surface; regular maintenance will be required to ensure a minimum overfill of 50mm.
-
- 5. Edge restraints
 - I. Excavations for kerbs and edgings should be avoided within the RPAs.
 - II. Where edging is required for footpath and light structures, a peg and treated timber board edging is acceptable.
 - III. Other options include wooden sleepers, kerb edging constructed on-top of the Cellular confinement system, plastic and metal edging etc.
 - 6. Surface options
 - I. All surfaces in Root Protection Areas must be porous. Surfaces can include block paving, asphalt, loose gravel, grass and gravel retention systems (e.g Golpla), resin bound gravel, concrete etc.

Surfacing options

a) Block Paving

Lay second layer of Fibretex F4M Geotextile separation fabric over the infilled Cellweb sections.

Lay sharp sand bedding layer compacted with a vibro compaction plate to recommended depth.

Place blocks as per manufacturer's instructions.

b) Tarmac

Place 25mm surcharge of the granular material above the Cellweb system and lay the bitumen base and wearing courses.

11.8 Siting of storage and welfare facilities

The storage area and welfare facilities has been identified on the Tree Protection Plan. This is on hard standing or on ground protection boards and along with the fencing, it will give adequate protection. The storage area must also include an area for the mixing of materials, which must be contained within a spill containment trays of at least 2000mm x 1000mm x 120mm.

11.9 Undertake and complete construction works

Once the above fencing has been installed and signed off by the arboriculturist, then the main development can commence. As no further works are within the Root Protection Areas, there will be no further requirements for onsite monitoring from the arboriculturist.

11.10 Undertake and complete all service works

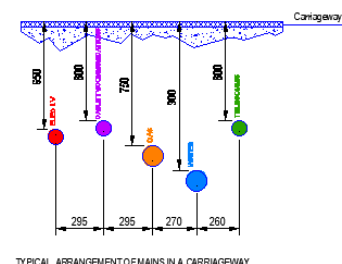
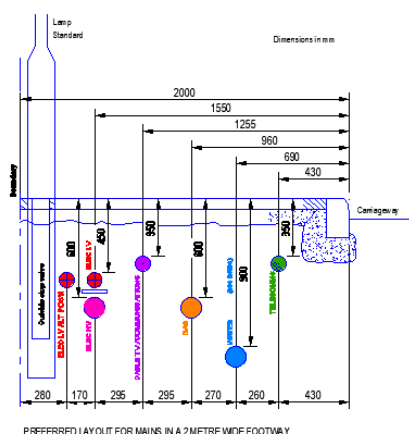
This will be open trenching outside of the RPA, although care will still be needed to ensure trees roots greater than 25mm are not damaged.

Where care is needed then this must be done by hand tools only and any roots within the area of less than 25mm must only be cut using secateurs in one clean motion. This must be carried out under the strict supervision of the Arboricultural Consultant. During the trenching any exposed tree roots greater than 25mm must not be damaged. Assessment by the Arboricultural Consultant must take place and decide if it is possible to either cut the root, move the root, or if the cable can run under the roots is their space available. Where it is not possible to cover the tree roots in soil for any extended period (such as a tree root on the edge of a pit), then the roots must be wrapped in hessian material. This must be for a limited time only and the pit must be closed by the end of the working day.

This needs to be dug to the correct depth as outlined in the cable distances below:

NOTES

1. THE LAYOUT OF MAINS IS GENERALLY IN ACCORDANCE WITH THE 'REPORT OF JOINT COMMITTEE ON LOCATION OF UNDERGROUND SERVICES' PUBLISHED BY THE INSTITUTION OF CIVIL ENGINEERS.
2. THE DIMENSIONS SHOWN REPRESENT THE PREFERRED ARRANGEMENT IN STRAIGHT ROUTES ON RESIDENTIAL ESTATES. VARIATIONS MAY BE NECESSARY AT CURVES AND CHANGES OF GRADIENT.
3. THE SPACE ALLOCATED IS CONSIDERED TO BE THE ABSOLUTE MINIMUM AND IN CERTAIN CIRCUMSTANCES E.G. WHERE BOTH HV AND LV CABLES ARE LAID - THE LV CABLE WILL BE LAID IN THE ALTERNATIVE POSITION AND ADDITIONAL WIDTH MAY BE REQUIRED.
4. WHERE SERVICES ARE TO BE CONNECTED TO GAS MAINS A MINIMUM DISTANCE OF 2.0M IS REQUIRED BETWEEN THE BUILDING LINE AND THE CENTRE LINE OF THE MAIN.
5. REVISED IN LINE WITH IGE/IDG.
DEPTH OF COVER OF GAS MAINS IN FOOTWAY - 600mm
DEPTH OF COVER OF GAS MAINS IN ROADWAY - 750mm
6. MINIMUM DISTANCE OF ANY SERVICE TO ANY SURFACE/FOUL WATER STRUCTURE IS 300mm.
7. ALL PIPE DIAMETERS AND DEPTHS ON GATTICA'S DRAWING, WITH OR WITHOUT (T.B.C) ARE ESTIMATED AND SHOULD BE TREATED AS NON-CONFIRMED DIMENSIONS.
8. WATER MAINS HAVE BEEN BURIED AS 900mm DEPTH AS A MEDIUM BETWEEN THE 1350mm MAXIMUM BURY DEPTH (DEPTHS CAN ALTER BETWEEN THESE DIMENSIONS AS REQUIRED)



Once dug out then the cable can be carefully run through the tree roots without harm to the tree. The soil is to be back filled and tampered down. The grass can then be laid on top and watered.

Where it is not possible to do any of the works then the only other option to the project manager will be to look at re-routing the cable or tunnelling under the rooting system of the tree. In such cases, a separate method statement will be required.

11.11 Undertake external landscape works to areas outside of the tree protection fencing

Once the main phase of construction has been completed, there will be a requirement to hard and soft landscape the rear garden and the front area (outside of the Tree Protection Fencing). This should be carried out in accordance with any submitted landscape proposal.

11.12 Remove tree protection fencing

Once all construction works have been completed and all materials and machinery have been removed from site, the arboricultural consultant must be informed. They will then invite the LPA Arboricultural Officer to meet on site to discuss the process and any final remedial works that may be required.

11.13 Undertake external landscaping works within the tree protection fencing area

The final phase of works can now be carried out to include any landscaping requirements within the Root Protection Area.

11.14 Sign off from the construction company and arboricultural consultant

A final meeting is required to formally sign off all completed works and to confirm that no further action is required. This will include a Visual Tree Inspection and report on any remedial actions (if necessary). Once this has been completed it will be submitted to the LPA Arboricultural Officer.

11.15 Monitoring of the development site

The development's tree protection fencing is to be monitored by the arboricultural consultant, who must be retained to record and report observations to the LPA Arboricultural Officer within five working days of the site visit.

Prior to the commencement of any works on site, a pre-start meeting is to be held to discuss the protection methodology and Arboricultural Method Statement and to swap contact details. A toolbox talk with the key workers must also take place to ensure people on site are aware of trees and tree roots.

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



Thereafter supervision and monitoring, visits will be undertaken for the duration of the works to ensure that tree protection measures are in place and are functioning as designed. A record of these visits must be kept. Any faults will be logged, and mitigation and amelioration advised and actioned. This will be duplicated and handed to the site agent, developer and LPA within five working days of the site visit.

Regular contact will be maintained with the site manager to determine any forthcoming operations that may impact on the tree protection measures and whether any arboricultural supervision is required.

The arboricultural consultant will be advised a minimum of 72 hours prior to the commencement of any works that require their supervision, and in any case will visit at no less than weekly intervals to monitor and supervise works. Key visits for supervision are:

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



Construction Stage	Pre-commencement Site Meeting Date	Attendance				
		Main Contractor	Arboricultural consultant	Architect	Clients site manager	Council Tree Officer
Pre-commencement site meeting	To be confirmed	In attendance	In attendance	In attendance	In attendance	Invited
Site preparation/location of tree protective measures including ground protection and fencing	To be confirmed	In attendance	In attendance	In attendance	In attendance	Invited
To supervise footpath construction	To be confirmed	In attendance	In attendance	In attendance	In attendance	Invited
Sign off and removal of tree protective fencing	To be confirmed	In attendance	In attendance	In attendance	In attendance	Invited

Details of Arboricultural Consultant:

Name: Reuben Hayes

Company: Apex Environmental Ltd

Address: 3 Lawrence Way, Lichfield, WS13 6RD

Office number: 0121 249 1235

Mobile: 07968 442929

Email: reuben@ael-treeconsultants.co.uk

This concludes the report. If I can be of further assistance, please do not hesitate to contact me.

Signature: 

Date: 25th January 2024

Reuben Hayes M.Arbor.A; CMgr MCMI

Managing Director for and on behalf of Apex Environmental Limited

12. Arboricultural terms

- 12.1 An 'arboriculturist' is a person who has, through relevant education, training and experience, gained recognized qualifications and expertise in the field of trees.
- 12.2 A 'competent person' is someone who has had training and experience relevant to the matter being addressed and an understanding of the requirements of the particular task in question. A competent person is expected to be able to advise on the best means by which the recommendations of *BS5837:2012 – Trees in relation to design, demolition and construction – Recommendations* may be implemented.
- 12.3 A 'tree survey' in the context of planning and development is taken to mean an assessment of the tree stock on site (or within the area shown where appropriate), as individuals or groups. (This is undertaken independent of and prior to any knowledge of a scheme being produced). Management recommendations in the tree survey schedule reflect the structural and physiological condition of the trees only. It is essential that the trees are assessed objectively and without reference to site layout proposals.
- 12.4 The 'construction' is a site-based operation with the potential to affect existing trees.
- 12.5 A 'Root Protection Area', or 'RPA', is a layout design tool indicating the minimum area around a tree deemed to contain sufficient roots and rooting volume to maintain the tree's viability, and where the protection of the roots and soil structure is treated as a priority. The RPA area is worked out on a mathematical basis. It is listed in appendix III
- 12.6 'Construction Exclusion Zone', or '(CEZ)', is based upon the RPA and forms the exclusion zone to which access is prohibited during the project phase.
- 12.7 A 'Tree Constraints Plan', or TCP, is a scaled plan prepared by an arboriculturist showing the RPA and the accurate canopy spread of a tree, along with information to identify the tree by reference to a survey schedule. It will also identify any under and above ground constraints. The author of this report will produce this using AutoCAD.
- 12.8 An 'Arboricultural Impact Assessment', or 'AIA', is a study or report undertaken by the project arboriculturist. It is a detailed evaluation of the direct and indirect effects of the proposed development on the tree(s) and the potential future maintenance of the tree(s). Where necessary, it recommends mitigation. The assessment takes account of the effects of any tree loss required to implement the design, and any potentially damaging activities that are proposed in the vicinity of retained trees.

- 12.9 An 'Arboricultural Method Statement', or 'AMS', is a methodology for the implementation of any aspect of development that has the potential to result in loss of or damage to a tree. The AMS is likely to include details of an on-site tree protection monitoring regime.
- 12.10 A 'Tree Protection Plan', or 'TPP', is a scale plan that is superimposed on a layout plan. It is based on the topographical survey, showing all hard surfacing and other existing structures within the RPA. The plan indicates the precise location of protective barriers that need to be erected in order to form a construction exclusion zone around the retained trees.
- 12.11 Other plans and documents may be referred to and annexed where appropriate.
- 12.12 'Access facilitation pruning' is a one-off tree pruning operation, the nature and effects of which are without significant adverse impact on the trees' physiology or amenity value, which is directly necessary to provide access for operations on site.
- 12.13 'Services' are any above or below ground structure or apparatus required for utility provision. Examples include drainage, gas supplies, ground source heat pumps, CCTV and satellite communications.
- 12.14 'Stem' is the principal above-ground structural component(s) of a tree that supports its branches.
- 12.15 'Structures' are manufactured objects, such as a building, carriageway, path, wall, service runs, and built or excavated earthworks.
- 12.16 A 'veteran tree' is recognized by a criterion set by *BS2998:2010, Tree Work – Recommendations*. It must show signs of biological, cultural or aesthetic value that are characteristic of, but not limited to, individuals surviving beyond the typical age range for the species concerned.

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



Appendix I – Tree survey

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



Tree survey undertaken to *BS5837:2012 Trees in relation to construction – recommendations*

Tree No.	Tree identification method in sequential order – TXXX=Existing trees, GX=Group of trees, HX=Hedgerow
Species	Species
Height in (m)	Approximate height of tree in metres
DBH in (mm)	Stem diameter in millimetres taken at 1.5 metres above ground level. AV=average diameter (see appendix III)
Branch spread in (m) N - E - S - W	Branch spread in metres reflecting the spread at the four principal compass points. N/A= Not applicable in woodland settings
Existing height above ground in (m)	Height in metres of crown clearance above existing ground level. To include first significant branch and direction of growth (e.g. 2.5 – N) Height of lower form of Canopy to inform current ground clearance, crown/stem ratio and shading
Life stage	Age classification (Y=young, SM=semi-mature, EM=early-mature, M=mature, LM=late-mature, OM=over-mature)
Est. remain years	Approximate years remaining (+40=minimum of 40 years, +20=minimum of 20 years, +10=minimum of 10 years, <10 less than 10 years)
General observations	Condition of tree (good, fair, poor, dead), structural and/or physiological condition, and/or preliminary management recommendations
Preliminary management recommendations	Works needed in order to retain tree in current setting or where works would be needed in order to facilitate development
Physical condition and structural condition	Physiological condition (good, fair, poor, dead), to include structural defects such as the presence of any decay, fungal issues, pathogens and defects)
RPA in (m ²)	Area directly calculated from the DBH measurement (single stem/multiple stem variant, as outlined within the Standard, see appendix III)

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



Ref.	Species	Measurements	General Observations	Retention Category	RPA	Condition
T001	Common Holly (<i>Ilex aquifolium</i>)	Height (m): 4 Stem Diam (mm): 250 Spread (m): 1N, 1E, 1S, 1W Crown Clearance (m): 2.5 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	3rd party tree growing close to boundary fence and overhangs the boundary	C2	Radius: 3.0m. Area: 28 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T002	Elder (<i>Sambucus nigra</i>)	Height (m): 4 5 stems, avg.(mm): 90 Spread (m): 1N, 1E, 1S, 1W Crown Clearance (m): 2.5 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	3rd party tree growing close to boundary fence and overhangs the boundary	C2	Radius: 2.4m. Area: 18 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T003	Elder (<i>Sambucus nigra</i>)	Height (m): 4 5 stems, avg.(mm): 90 Spread (m): 1N, 1E, 1S, 1W Crown Clearance (m): 2.5 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	3rd party tree growing close to boundary fence and overhangs the boundary	C2	Radius: 2.4m. Area: 18 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T004	Elder (<i>Sambucus nigra</i>)	Height (m): 4 5 stems, avg.(mm): 90 Spread (m): 1N, 1E, 1S, 1W Crown Clearance (m): 2.5 Lowest Branch (m): 2.5(S) Life Stage: Early Mature	3rd party tree growing close to boundary fence and overhangs the boundary	U	None - due to Retention Category of U.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T005	Maple (<i>Acer sp.</i>)	Height (m): 4 Stem Diam (mm): 250 Spread (m): 1N, 1E, 1S, 1W Crown Clearance (m): 2.5 Lowest Branch (m): 2.5(S) Life Stage: Early Mature	3rd party tree growing close to boundary fence and overhangs the boundary	U	None - due to Retention Category of U.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T006	Lawson Cypress (<i>Chamaecyparis lawsoniana</i>)	Height (m): 6.5 3 stems, avg.(mm): 250 Spread (m): 1.5N, 0.5E, 1.5S, 1.5W Crown Clearance (m): 2.5 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	3rd party tree growing close to boundary fence and overhangs the boundary and causing damage to the playground	C1	Radius: 5.2m. Area: 85 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T007	Lawson Cypress (<i>Chamaecyparis lawsoniana</i>)	Height (m): 6.5 3 stems, avg.(mm): 250 Spread (m): 2N, 1.5E, 2S, 1.5W Crown Clearance (m): 2.5 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	3rd party tree growing close to boundary fence and overhangs the boundary and causing damage to the playground	C1	Radius: 5.2m. Area: 85 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T008	Lawson Cypress (<i>Chamaecyparis lawsoniana</i>)	Height (m): 6.5 3 stems, avg.(mm): 250 Spread (m): 1.5N, 1.5E, 1.5S, 0.5W Crown Clearance (m): 2.5 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	3rd party tree growing close to boundary fence and overhangs the boundary and causing damage to the playground	C1	Radius: 5.2m. Area: 85 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T009	Lawson Cypress (<i>Chamaecyparis lawsoniana</i>)	Height (m): 7.5 4 stems, avg.(mm): 300 Spread (m): 2.5N, 1.5E, 2.5S, 1.5W Crown Clearance (m): 2.5 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	3rd party tree growing close to boundary fence and overhangs the boundary and causing damage to the playground	C1	Radius: 7.2m. Area: 163 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T010	Lawson Cypress (<i>Chamaecyparis lawsoniana</i>)	Height (m): 7.5 3 stems, avg.(mm): 300 Spread (m): 1.5N, 1E, 1.5S, 1W Crown Clearance (m): 2.5 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	3rd party tree growing close to boundary fence and overhangs the boundary and causing damage to the playground	C1	Radius: 6.2m. Area: 121 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T011	Lawson Cypress (<i>Chamaecyparis lawsoniana</i>)	Height (m): 7.5 4 stems, avg.(mm): 320 Spread (m): 2.5N, 1.5E, 2.5S, 1.5W Crown Clearance (m): 2.5 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	3rd party tree growing close to boundary fence and overhangs the boundary and causing damage to the playground	C1	Radius: 7.7m. Area: 186 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T012	Lawson Cypress (<i>Chamaecyparis lawsoniana</i>)	Height (m): 7.5 4 stems, avg.(mm): 300 Spread (m): 1.5N, 0.5E, 1.5S, 1.5W Crown Clearance (m): 2.5 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	3rd party tree growing close to boundary fence and overhangs the boundary and causing damage to the playground	C1	Radius: 7.2m. Area: 163 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T013	Lawson Cypress (<i>Chamaecyparis lawsoniana</i>)	Height (m): 7.5 Stem Diam (mm): 200 Spread (m): 1N, 1E, 1S, 1W Crown Clearance (m): 2.5 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	3rd party tree growing close to boundary fence and overhangs the boundary and causing damage to the playground	C1	Radius: 2.4m. Area: 18 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T014	Lawson Cypress (<i>Chamaecyparis lawsoniana</i>)	Height (m): 11 Stem Diam (mm): 700 Spread (m): 2N, 1E, 3S, 2W Crown Clearance (m): 2.5 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	3rd party tree growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 8.4m. Area: 222 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T015	Lawson Cypress (<i>Chamaecyparis lawsoniana</i>)	Height (m): 11 Stem Diam (mm): 700 Spread (m): 3N, 1.5E, 5.5S, 1.5W Crown Clearance (m): 2.5 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	3rd party tree growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 8.4m. Area: 222 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T016	Lawson Cypress (<i>Chamaecyparis lawsoniana</i>)	Height (m): 11 Stem Diam (mm): 800 Spread (m): 3N, 1.5E, 5.5S, 1.5W Crown Clearance (m): 2.5 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	3rd party tree growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 9.6m. Area: 290 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T017	Lawson Cypress (<i>Chamaecyparis lawsoniana</i>)	Height (m): 11 Stem Diam (mm): 700 Spread (m): 3N, 1.5E, 4S, 1.5W Crown Clearance (m): 2.5 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	3rd party tree growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 8.4m. Area: 222 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T018	Lawson Cypress (<i>Chamaecyparis lawsoniana</i>)	Height (m): 11 Stem Diam (mm): 700 Spread (m): 3N, 1.5E, 4S, 1.5W Crown Clearance (m): 2.5 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	3rd party tree growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 8.4m. Area: 222 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T019	Lawson Cypress (<i>Chamaecyparis lawsoniana</i>)	Height (m): 11 Stem Diam (mm): 300 Spread (m): 3N, 1.5E, 4S, 1.5W Crown Clearance (m): 2.5 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	3rd party tree growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 3.6m. Area: 41 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T020	Pedunculate Oak (<i>Quercus robur</i>)	Height (m): 15 Stem Diam (mm): 850 Spread (m): 4N, 10E, 11S, 8W Crown Clearance (m): 2 Lowest Branch (m): 4(S) Life Stage: Mature Rem. Contrib.: 40+ Years	Growing on 3rd party land close to boundary	A1	Radius: 10.2m. Area: 327 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: Low
T021	European Larch (<i>Larix decidua</i>)	Height (m): 8 Stem Diam (mm): 400 Spread (m): 3N, 1E, 4S, 1W Crown Clearance (m): 2.5 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	3rd party tree growing close to boundary fence and overhangs the boundary and entangled in fence. Covered in ivy unable to fully inspect	C1	Radius: 4.8m. Area: 72 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T022	European Larch (<i>Larix decidua</i>)	Height (m): 8 Stem Diam (mm): 400 Spread (m): 3N, 1.5E, 4S, 1W Crown Clearance (m): 2.5 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	3rd party tree growing close to boundary fence and overhangs the boundary and entangled in fence. Covered in ivy unable to fully inspect	C1	Radius: 4.8m. Area: 72 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T023	European Larch (<i>Larix decidua</i>)	Height (m): 8 Stem Diam (mm): 350 Spread (m): 3N, 1E, 4S, 1.5W Crown Clearance (m): 1 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	3rd party tree growing close to boundary fence and overhangs the boundary and entangled in fence. Covered in ivy unable to fully inspect	C1	Radius: 4.2m. Area: 55 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T024	European Larch (<i>Larix decidua</i>)	Height (m): 8 Stem Diam (mm): 350 Spread (m): 3N, 1E, 4S, 1W Crown Clearance (m): 1 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	3rd party tree growing close to boundary fence and overhangs the boundary and entangled in fence. Covered in ivy unable to fully inspect	C1	Radius: 4.2m. Area: 55 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T025	European Larch (<i>Larix decidua</i>)	Height (m): 8 Stem Diam (mm): 350 Spread (m): 3N, 1.5E, 4S, 1.5W Crown Clearance (m): 1 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	3rd party tree growing close to boundary fence and overhangs the boundary and entangled in fence. Covered in ivy unable to fully inspect	C1	Radius: 4.2m. Area: 55 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T026	European Larch (<i>Larix decidua</i>)	Height (m): 8 Stem Diam (mm): 350 Spread (m): 3N, 1E, 6S, 1W Crown Clearance (m): 1 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	3rd party tree growing close to boundary fence and overhangs the boundary and entangled in fence. Covered in ivy unable to fully inspect	C1	Radius: 4.2m. Area: 55 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T027	European Larch (<i>Larix decidua</i>)	Height (m): 8 Stem Diam (mm): 350 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	3rd party tree growing close to boundary fence and overhangs the boundary and entangled in fence. Covered in ivy unable to fully inspect	C1	Radius: 4.2m. Area: 55 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T028	European Larch (<i>Larix decidua</i>)	Height (m): 8 Stem Diam (mm): 350 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	3rd party tree growing close to boundary fence and overhangs the boundary and entangled in fence. Covered in ivy unable to fully inspect	C1	Radius: 4.2m. Area: 55 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T029	European Larch (<i>Larix decidua</i>)	Height (m): 8 Stem Diam (mm): 320 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	3rd party tree growing close to boundary fence and overhangs the boundary and entangled in fence. Covered in ivy unable to fully inspect	C1	Radius: 3.8m. Area: 45 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T030	European Larch (<i>Larix decidua</i>)	Height (m): 8 Stem Diam (mm): 400 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	3rd party tree growing close to boundary fence and overhangs the boundary and entangled in fence. Covered in ivy unable to fully inspect	C1	Radius: 4.8m. Area: 72 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T031	European Larch (<i>Larix decidua</i>)	Height (m): 8 Stem Diam (mm): 200 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	3rd party tree growing close to boundary fence and overhangs the boundary and entangled in fence. Covered in ivy unable to fully inspect	C1	Radius: 2.4m. Area: 18 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T032	Common Ash (<i>Fraxinus excelsior</i>)	Height (m): 8 2 stems, avg.(mm): 250 Spread (m): 2N, 2E, 4S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 4.2m. Area: 55 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T033	Common Ash (<i>Fraxinus excelsior</i>)	Height (m): 8 2 stems, avg.(mm): 370 Spread (m): 2N, 2E, 4S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 6.3m. Area: 125 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T034	Common Ash (<i>Fraxinus excelsior</i>)	Height (m): 8 Stem Diam (mm): 450 Spread (m): 2N, 2E, 4S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 10+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence. Major bark wound on the east side of stem and basal decay on south	C1	Radius: 5.4m. Area: 92 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T035	Pedunculate Oak (<i>Quercus robur</i>)	Height (m): 9 Stem Diam (mm): 400 Spread (m): 2N, 2E, 4S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 4.8m. Area: 72 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T036	European Larch (<i>Larix decidua</i>)	Height (m): 8 Stem Diam (mm): 300 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	3rd party tree growing close to boundary fence and overhangs the boundary and entangled in fence. Covered in ivy unable to fully inspect	C1	Radius: 3.6m. Area: 41 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T037	Common Ash (<i>Fraxinus excelsior</i>)	Height (m): 8 Stem Diam (mm): 600 Spread (m): 4N, 2E, 6S, 4W Crown Clearance (m): 1 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 7.2m. Area: 163 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T038	Common Ash (<i>Fraxinus excelsior</i>)	Height (m): 8 Stem Diam (mm): 450 Spread (m): 2N, 2E, 4S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 10+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence. Major bark wound on stem	C1	Radius: 5.4m. Area: 92 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T039	European Larch (<i>Larix decidua</i>)	Height (m): 8 Stem Diam (mm): 300 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature	3rd party tree growing close to boundary fence and overhangs the boundary and entangled in fence. Covered in ivy unable to fully inspect	U	None - due to Retention Category of U.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T040	Common Ash (<i>Fraxinus excelsior</i>)	Height (m): 8 Stem Diam (mm): 300 Spread (m): 2N, 2E, 4S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 3.6m. Area: 41 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T041	Common Ash (<i>Fraxinus excelsior</i>)	Height (m): 9 2 stems, avg.(mm): 400 Spread (m): 2N, 2E, 5S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 6.8m. Area: 145 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T042	Common Ash (<i>Fraxinus excelsior</i>)	Height (m): 8 Stem Diam (mm): 300 Spread (m): 2N, 2E, 4S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 3.6m. Area: 41 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T043	Common Ash (<i>Fraxinus excelsior</i>)	Height (m): 8 Stem Diam (mm): 280 Spread (m): 2N, 2E, 4S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 3.4m. Area: 36 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T044	Pedunculate Oak (<i>Quercus robur</i>)	Height (m): 8 Stem Diam (mm): 450 Spread (m): 4N, 3E, 5S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 10+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 5.4m. Area: 92 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T045	Lawson Cypress (<i>Chamaecyparis lawsoniana</i>)	Height (m): 11 Stem Diam (mm): 700 Spread (m): 3N, 1E, 4S, 1W Crown Clearance (m): 2.5 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	3rd party tree growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 8.4m. Area: 222 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T046	Common Ash (<i>Fraxinus excelsior</i>)	Height (m): 6 4 stems, avg.(mm): 80 Spread (m): 1.5N, 1.5E, 1.5S, 1.5W Crown Clearance (m): 0 Lowest Branch (m): 0(S) Life Stage: Semi Mature Rem. Contrib.: <10 years	Self set tree growing through the fence	U	None - due to Retention Category of U.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Fair Bat Habitat: None
T047	Pedunculate Oak (<i>Quercus robur</i>)	Height (m): 8 Stem Diam (mm): 850 Spread (m): 6N, 6E, 6S, 6W Crown Clearance (m): 2 Lowest Branch (m): 4(S) Life Stage: Mature Rem. Contrib.: 40+ Years	Growing on 3rd party land close to boundary	A1	Radius: 10.2m. Area: 327 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: Low
T048	Pedunculate Oak (<i>Quercus robur</i>)	Height (m): 8 Stem Diam (mm): 450 Spread (m): 4N, 4E, 4S, 4W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 10+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence. Major bark wound on the east side of stem and basal decay on south	C1	Radius: 5.4m. Area: 92 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T049	Common Ash (<i>Fraxinus excelsior</i>)	Height (m): 8 Stem Diam (mm): 150 Spread (m): 2N, 0.5E, 0.5S, 0.5W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 10+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 1.8m. Area: 10 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T050	Pedunculate Oak (<i>Quercus robur</i>)	Height (m): 8 Stem Diam (mm): 600 Spread (m): 4N, 4E, 1S, 4W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 10+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 7.2m. Area: 163 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T051	Pedunculate Oak (<i>Quercus robur</i>)	Height (m): 8 Stem Diam (mm): 800 Spread (m): 6N, 6E, 6S, 6W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 10+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 9.6m. Area: 290 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T052	Common Ash (<i>Fraxinus excelsior</i>)	Height (m): 8 Stem Diam (mm): 320 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 10+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence. Major bark wound on the east side of stem and basal decay on south	C1	Radius: 3.8m. Area: 45 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T053	Common Ash (<i>Fraxinus excelsior</i>)	Height (m): 8 Stem Diam (mm): 320 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 10+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence. Major bark wound on the east side of stem and basal decay on south	C1	Radius: 3.8m. Area: 45 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T054	Common Ash (<i>Fraxinus excelsior</i>)	Height (m): 6 Stem Diam (mm): 300 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 10+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence. Major bark wound on the east side of stem and basal decay on south	C1	Radius: 3.6m. Area: 41 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T055	Whitebeam (<i>Sorbus aria</i>)	Height (m): 8 4 stems, avg.(mm): 270 Spread (m): 4.5N, 4.5E, 4.5S, 4.5W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S)	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 6.5m. Area: 133 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



		Life Stage: Early Mature Rem. Contrib.: 10+ Years				Bat Habitat: None
T056	Whitebeam (<i>Sorbus aria</i>)	Height (m): 8 Stem Diam (mm): 500 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 10+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 6.0m. Area: 113 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T057	Common Ash (<i>Fraxinus excelsior</i>)	Height (m): 6 2 stems, avg.(mm): 220 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 10+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence. Major bark wound on the east side of stem and basal decay on south	C1	Radius: 3.7m. Area: 43 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T058	Whitebeam (<i>Sorbus aria</i>)	Height (m): 8 Stem Diam (mm): 700 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 10+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 8.4m. Area: 222 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T059	Whitebeam (<i>Sorbus aria</i>)	Height (m): 5 Stem Diam (mm): 200 Spread (m): 1N, 1E, 1S, 1W	growing close to boundary fence and overhangs the boundary and entangled in fence	U	None - due to Retention Category of U.	Other Reference: Distance1: Distance2:

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



		Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: <10 years	Dieback - poor foliage. Dead wood.			Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T060	Field Maple (<i>Acer campestre</i>)	Height (m): 5 Stem Diam (mm): 200 Spread (m): 1N, 1E, 1S, 1W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 10+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence	C1	Radius: 2.4m. Area: 18 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T061	Whitebeam (<i>Sorbus aria</i>)	Height (m): 8 Stem Diam (mm): 800 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 10+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 9.6m. Area: 290 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T062	Pedunculate Oak (<i>Quercus robur</i>)	Height (m): 8 Stem Diam (mm): 500 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 6.0m. Area: 113 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T063	Hawthorn (<i>Crataegus sp.</i>)	Height (m): 5 Stem Diam (mm): 200 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 0 Lowest Branch (m): 0(W) Life Stage: Early Mature Rem. Contrib.: 10+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence	C1	Radius: 2.4m. Area: 18 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T064	Whitebeam (<i>Sorbus aria</i>)	Height (m): 8 2 stems, avg.(mm): 400 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 6.8m. Area: 145 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T066	Whitebeam (<i>Sorbus aria</i>)	Height (m): 8 2 stems, avg.(mm): 400 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 6.8m. Area: 145 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T067	Whitebeam (<i>Sorbus aria</i>)	Height (m): 8 2 stems, avg.(mm): 500 Spread (m): 4N, 4E, 4S, 4W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 8.5m. Area: 227 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



		Rem. Contrib.: 20+ Years				Bat Habitat: None
T068	Wild Cherry (<i>Prunus avium</i>)	Height (m): 8 3 stems, avg.(mm): 400 Spread (m): 4N, 4E, 4S, 4W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 8.3m. Area: 216 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T069	Norway Maple (<i>Acer platanoides</i>)	Height (m): 5 Stem Diam (mm): 200 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 0 Lowest Branch (m): 0(W) Life Stage: Early Mature Rem. Contrib.: 10+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence	C1	Radius: 2.4m. Area: 18 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T070	Common Beech (<i>Fagus sylvatica</i>)	Height (m): 10 Stem Diam (mm): 600 Spread (m): 4.5N, 4.5E, 4.5S, 4.5W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 7.2m. Area: 163 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T071	Pedunculate Oak (<i>Quercus robur</i>)	Height (m): 8 Stem Diam (mm): 420 Spread (m): 4N, 4E, 4S, 4W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 5.0m. Area: 79 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T072	Pedunculate Oak (<i>Quercus robur</i>)	Height (m): 8 Stem Diam (mm): 500 Spread (m): 4N, 4E, 4S, 4W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 6.0m. Area: 113 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T073	Pedunculate Oak (<i>Quercus robur</i>)	Height (m): 8 Stem Diam (mm): 420 Spread (m): 4N, 4E, 4S, 4W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 5.0m. Area: 79 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T074	Pedunculate Oak (<i>Quercus robur</i>)	Height (m): 8 Stem Diam (mm): 600 Spread (m): 4N, 4E, 4S, 4W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 7.2m. Area: 163 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



		Rem. Contrib.: 20+ Years				Bat Habitat: None
T075	Common Ash (<i>Fraxinus excelsior</i>)	Height (m): 8 Stem Diam (mm): 320 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 10+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 3.8m. Area: 45 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T076	Pedunculate Oak (<i>Quercus robur</i>)	Height (m): 4 Stem Diam (mm): 200 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 1 Lowest Branch (m): 1(W) Life Stage: Early Mature Rem. Contrib.: 20+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 2.4m. Area: 18 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T077	Common Ash (<i>Fraxinus excelsior</i>)	Height (m): 8 Stem Diam (mm): 400 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 10+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 4.8m. Area: 72 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T078	Common Ash (<i>Fraxinus excelsior</i>)	Height (m): 8 2 stems, avg.(mm): 300 Spread (m): 3N, 3E, 3S, 3W	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 5.1m. Area: 82 sq m.	Other Reference: Distance1: Distance2:

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



		Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 10+ Years				Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T079	Common Ash (<i>Fraxinus excelsior</i>)	Height (m): 8 2 stems, avg.(mm): 330 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 10+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 5.6m. Area: 99 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T080	Horse Chestnut (<i>Aesculus hippocastanum</i>)	Height (m): 13 Stem Diam (mm): 900 Spread (m): 7N, 2E, 7S, 7W Crown Clearance (m): 2 Lowest Branch (m): 2(N) Life Stage: Mature Rem. Contrib.: 40+ Years		B1	Radius: 10.8m. Area: 366 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T081	Goat Willow (<i>Salix caprea</i>)	Height (m): 8 5 stems, avg.(mm): 210 Spread (m): 4.5N, 4.5E, 4.5S, 4.5W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 10+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 5.6m. Area: 99 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T082	Common Ash (<i>Fraxinus excelsior</i>)	Height (m): 8 Stem Diam (mm): 200 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 10+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 2.4m. Area: 18 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T083	Pedunculate Oak (<i>Quercus robur</i>)	Height (m): 10 2 stems, avg.(mm): 460 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 10+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 7.8m. Area: 191 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T084	Common Ash (<i>Fraxinus excelsior</i>)	Height (m): 8 2 stems, avg.(mm): 440 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 10+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 7.5m. Area: 177 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T085	Wild Cherry (<i>Prunus avium</i>)	Height (m): 7 Stem Diam (mm): 320 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 1(N) Life Stage: Early Mature	Branch failures and decay in stem of tree	C1	Radius: 3.8m. Area: 45 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond:

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



		Rem. Contrib.: 10+ Years				Decaying Bat Habitat: None
T086	Pedunculate Oak (<i>Quercus robur</i>)	Height (m): 7 Stem Diam (mm): 300 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 40+ Years	growing as a linear feature in the playing field	A1	Radius: 3.6m. Area: 41 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T087	Norway Maple (<i>Acer platanoides</i>)	Height (m): 10 2 stems, avg.(mm): 300 Spread (m): 4N, 4E, 4S, 4W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 40+ Years	growing as a linear feature in the playing field	B1	Radius: 5.1m. Area: 82 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T088	Bird Cherry (<i>Prunus padus</i>)	Height (m): 7 2 stems, avg.(mm): 130 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 10+ Years	growing as a linear feature in the playing field	C1	Radius: 2.2m. Area: 15 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T089	Rowan (<i>Sorbus aucuparia</i>)	Height (m): 7 Stem Diam (mm): 200 Spread (m): 2N, 2E, 2S, 2W	growing as a linear feature in the playing field, stem damage	C1	Radius: 2.4m. Area: 18 sq m.	Other Reference: Distance1: Distance2:

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



		Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 10+ Years				Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T090	Whitebeam (<i>Sorbus aria</i>)	Height (m): 7 Stem Diam (mm): 270 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 10+ Years	growing as a linear feature in the playing field	C1	Radius: 3.2m. Area: 32 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T091	Wild Cherry (<i>Prunus avium</i>)	Height (m): 9 Stem Diam (mm): 520 Spread (m): 4N, 4E, 4S, 4W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 40+ Years	growing as a linear feature in the playing field	B1	Radius: 6.2m. Area: 121 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T092	Bird Cherry (<i>Prunus padus</i>)	Height (m): 7 2 stems, avg.(mm): 130 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 10+ Years	growing as a linear feature in the playing field	C1	Radius: 2.2m. Area: 15 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T093	Pedunculate Oak (<i>Quercus robur</i>)	Height (m): 7 Stem Diam (mm): 330 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 10+ Years	growing as a linear feature in the playing field	C1	Radius: 4.0m. Area: 50 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T094	Norway Maple (<i>Acer platanoides</i>)	Height (m): 7 Stem Diam (mm): 400 Spread (m): 4N, 4E, 4S, 4W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 40+ Years	growing as a linear feature in the playing field	B1	Radius: 4.8m. Area: 72 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T095	Wild Cherry (<i>Prunus avium</i>)	Height (m): 7 Stem Diam (mm): 320 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 1(N) Life Stage: Early Mature	Branch failures and decay in stem of tree	U	None - due to Retention Category of U.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Dead Structural Cond: Decaying Bat Habitat: None
T096	Bird Cherry (<i>Prunus padus</i>)	Height (m): 7 2 stems, avg.(mm): 200 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S)	growing as a linear feature in the playing field	C1	Radius: 3.4m. Area: 36 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



		Life Stage: Early Mature Rem. Contrib.: 10+ Years				Structural Cond: Good Bat Habitat: None
T097	Whitebeam (<i>Sorbus aria</i>)	Height (m): 6 Stem Diam (mm): 210 Spread (m): 2.5N, 2.5E, 2.5S, 2.5W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 10+ Years	growing as a linear feature in the playing field	C1	Radius: 2.5m. Area: 20 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T098	Wild Cherry (<i>Prunus avium</i>)	Height (m): 7 Stem Diam (mm): 320 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 1(N) Life Stage: Early Mature Rem. Contrib.: <10 years	Branch failures and decay in stem of tree	U	None - due to Retention Category of U.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Poor Structural Cond: Decaying Bat Habitat: None
T099	Bird Cherry (<i>Prunus padus</i>)	Height (m): 7 Stem Diam (mm): 200 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 0 Lowest Branch (m): 1(S) Life Stage: Early Mature Rem. Contrib.: 10+ Years	growing as a linear feature in the playing field	C1	Radius: 2.4m. Area: 18 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T100	Whitebeam (<i>Sorbus aria</i>)	Height (m): 7 2 stems, avg.(mm): 200 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 10+ Years	growing as a linear feature in the playing field	C1	Radius: 3.4m. Area: 36 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T101	Bird Cherry (<i>Prunus padus</i>)	Height (m): 7 2 stems, avg.(mm): 200 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 0.5 Lowest Branch (m): 1(S) Life Stage: Early Mature Rem. Contrib.: 10+ Years	growing as a linear feature in the playing field	C1	Radius: 3.4m. Area: 36 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T102	Wild Cherry (<i>Prunus avium</i>)	Height (m): 7 Stem Diam (mm): 400 Spread (m): 4N, 4E, 4S, 6W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 40+ Years	growing as a linear feature in the playing field	B1	Radius: 4.8m. Area: 72 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T103	Bird Cherry (<i>Prunus padus</i>)	Height (m): 7 2 stems, avg.(mm): 200 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 0.5 Lowest Branch (m): 1(S) Life Stage: Early Mature	growing as a linear feature in the playing field	C1	Radius: 3.4m. Area: 36 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



		Rem. Contrib.: 10+ Years				Bat Habitat: None
T104	Wild Cherry (<i>Prunus avium</i>)	Height (m): 7 Stem Diam (mm): 320 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 1(N) Life Stage: Early Mature Rem. Contrib.: <10 years	Branch failures and decay in stem of tree	U	None - due to Retention Category of U.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Poor Structural Cond: Decaying Bat Habitat: None
T105	Norway Maple (<i>Acer platanoides</i>)	Height (m): 7 Stem Diam (mm): 500 Spread (m): 5N, 5E, 5S, 5W Crown Clearance (m): 1 Lowest Branch (m): 1(S) Life Stage: Early Mature Rem. Contrib.: 40+ Years	growing as a linear feature in the playing field	B1	Radius: 6.0m. Area: 113 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T106	Goat Willow (<i>Salix caprea</i>)	Height (m): 7 5 stems, avg.(mm): 200 Spread (m): 4N, 4E, 4S, 4W Crown Clearance (m): 1 Lowest Branch (m): 1(N) Life Stage: Early Mature Rem. Contrib.: 40+ Years	growing in scrub area in the playing field	B1	Radius: 5.4m. Area: 92 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T107	Common Alder (<i>Alnus glutinosa</i>)	Height (m): 14 Stem Diam (mm): 550 Spread (m): 4.5N, 5E, 5.5S, 6W Crown Clearance (m): 2 Lowest Branch (m): 2(NW) Life Stage: Mature Rem. Contrib.: 40+ Years	Growing close to pathway in high usage, school doors, canopy close to building and fungus in grass, not associated with the tree.	B1	Radius: 6.6m. Area: 137 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T108	Horse Chestnut (<i>Aesculus hippocastanum</i>)	Height (m): 8 Stem Diam (mm): 600 Spread (m): 2.5N, 2.5E, 2.5S, 2.5W Crown Clearance (m): 2 Lowest Branch (m): 2.5(N) Life Stage: Early Mature Rem. Contrib.: 20+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 7.2m. Area: 163 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T109	Field Maple (<i>Acer campestre</i>)	Height (m): 5 Stem Diam (mm): 400 Spread (m): 2N, 2E, 4S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence. Has failed in past and epicormic growth is now forming a new tree.	C1	Radius: 4.8m. Area: 72 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T110	Weeping Golden Willow (<i>Salix x sepulcralis</i>)	Height (m): 4 Stem Diam (mm): 400 Spread (m): 1.5N, 1.5E, 1.5S, 1.5W	growing close to boundary fence and overhangs the boundary and entangled in fence. Has been topped at 4m	C1	Radius: 4.8m. Area: 72 sq m.	Other Reference: Distance1: Distance2: Custom Number 3:

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



	<i>Chrysocoma</i>)	Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years				Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T111	Horse Chestnut (<i>Aesculus hippocastanum</i>)	Height (m): 9 Stem Diam (mm): 500 Spread (m): 2.5N, 2.5E, 2.5S, 2.5W Crown Clearance (m): 2 Lowest Branch (m): 2.5(N) Life Stage: Early Mature Rem. Contrib.: 20+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 6.0m. Area: 113 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T112	Horse Chestnut (<i>Aesculus hippocastanum</i>)	Height (m): 9 Stem Diam (mm): 500 Spread (m): 2.5N, 2.5E, 2.5S, 2.5W Crown Clearance (m): 2 Lowest Branch (m): 2.5(N) Life Stage: Early Mature Rem. Contrib.: 20+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 6.0m. Area: 113 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T113	Weeping Golden Willow (<i>Salix x sepulcralis</i> <i>Chrysocoma</i>)	Height (m): 4 Stem Diam (mm): 400 Spread (m): 1.5N, 1.5E, 1.5S, 1.5W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature	growing close to boundary fence and overhangs the boundary and entangled in fence. Has been topped at 4m	C1	Radius: 4.8m. Area: 72 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



		Rem. Contrib.: 20+ Years				
T114	Horse Chestnut (<i>Aesculus hippocastanum</i>)	Height (m): 4 Stem Diam (mm): 200 Spread (m): 1N, 1E, 1S, 1W Crown Clearance (m): 1 Lowest Branch (m): 1(W) Life Stage: Dead	Dead tree	U	None - due to Retention Category of U.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Dead Structural Cond: Decaying Bat Habitat: None
T115	Weeping Golden Willow (<i>Salix x sepulcralis Chrysocoma</i>)	Height (m): 7 Stem Diam (mm): 400 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 4.8m. Area: 72 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T116	Horse Chestnut (<i>Aesculus hippocastanum</i>)	Height (m): 9 Stem Diam (mm): 400 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2.5(N) Life Stage: Early Mature Rem. Contrib.: 20+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 4.8m. Area: 72 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T117	Horse Chestnut (<i>Aesculus hippocastanum</i>)	Height (m): 9 Stem Diam (mm): 500 Spread (m): 3.5N, 3.5E, 3.5S, 3.5W Crown Clearance (m): 2 Lowest Branch (m): 2.5(N) Life Stage: Early Mature Rem. Contrib.: 20+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 6.0m. Area: 113 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T118	Weeping Golden Willow (<i>Salix x sepulcralis Chrysocoma</i>)	Height (m): 4 Stem Diam (mm): 400 Spread (m): 1.5N, 1.5E, 1.5S, 1.5W Crown Clearance (m): 2 Lowest Branch (m): 2.5(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence. Has been topped at 4m	C1	Radius: 4.8m. Area: 72 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T119	Horse Chestnut (<i>Aesculus hippocastanum</i>)	Height (m): 9 Stem Diam (mm): 400 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 2.5(N) Life Stage: Early Mature Rem. Contrib.: 20+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 4.8m. Area: 72 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T120	Horse Chestnut (<i>Aesculus hippocastanum</i>)	Height (m): 2 Stem Diam (mm): 560 Spread (m): 1.5N, 1.5E, 1.5S, 1.5W	growing close to boundary fence and overhangs the boundary and entangled in fence. Has been topped at 2m	C1	Radius: 6.7m. Area: 141 sq m.	Other Reference: Distance1: Distance2: Custom Number 3:

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



		Crown Clearance (m): 1 Lowest Branch (m): 1(S) Life Stage: Early Mature Rem. Contrib.: 20+ Years				Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T121	Horse Chestnut (<i>Aesculus hippocastanum</i>)	Height (m): 9 Stem Diam (mm): 500 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 2.5(N) Life Stage: Early Mature Rem. Contrib.: 20+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 6.0m. Area: 113 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T122	Horse Chestnut (<i>Aesculus hippocastanum</i>)	Height (m): 12 Stem Diam (mm): 500 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 2.5(N) Life Stage: Early Mature Rem. Contrib.: 20+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 6.0m. Area: 113 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T123	Horse Chestnut (<i>Aesculus hippocastanum</i>)	Height (m): 12 Stem Diam (mm): 500 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 2.5(N) Life Stage: Early Mature Rem. Contrib.: 20+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 6.0m. Area: 113 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T124	Horse Chestnut (<i>Aesculus hippocastanum</i>)	Height (m): 12 Stem Diam (mm): 500 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 2.5(N) Life Stage: Early Mature Rem. Contrib.: 20+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 6.0m. Area: 113 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T125	Crack Willow (<i>Salix fragilis</i>)	Height (m): 15 Stem Diam (mm): 700 Spread (m): 10N, 5E, 6S, 4W Crown Clearance (m): 2 Lowest Branch (m): 2.5(N) Life Stage: Mature Rem. Contrib.: 20+ Years	growing close to boundary fence and overhangs the boundary and entangled in fence.	C1	Radius: 8.4m. Area: 222 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None
T126	Silver Birch (<i>Betula pendula</i>)	Height (m): 6.5 Stem Diam (mm): 160 Spread (m): 1N, 1E, 1S, 1W Crown Clearance (m): 0 Lowest Branch (m): 0(N) Life Stage: Early Mature Rem. Contrib.: 40+ Years	Landscape feature	B2	Radius: 1.9m. Area: 11 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T127	Hornbeam (<i>Carpinus betulus</i>)	Height (m): 6.5 Stem Diam (mm): 180 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2 Lowest Branch (m): 4(N)	Landscape feature	B2	Radius: 2.2m. Area: 15 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



		Life Stage: Early Mature Rem. Contrib.: 40+ Years				Structural Cond: Good Bat Habitat: None
T128	Pear (<i>Pyrus sp.</i>)	Height (m): 8 Stem Diam (mm): 230 Spread (m): 2.5N, 2.5E, 2.5S, 2.5W Crown Clearance (m): 2 Lowest Branch (m): 2(N) Life Stage: Early Mature Rem. Contrib.: 40+ Years	Landscape feature	B2	Radius: 2.8m. Area: 25 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T129	Pear (<i>Pyrus sp.</i>)	Height (m): 8 Stem Diam (mm): 230 Spread (m): 2.5N, 2.5E, 2.5S, 2.5W Crown Clearance (m): 2 Lowest Branch (m): 2(N) Life Stage: Early Mature Rem. Contrib.: 40+ Years	Landscape feature	B2	Radius: 2.8m. Area: 25 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T130	Pear (<i>Pyrus sp.</i>)	Height (m): 6 Stem Diam (mm): 200 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2(N) Life Stage: Early Mature Rem. Contrib.: 40+ Years	Landscape feature	B2	Radius: 2.4m. Area: 18 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T131	Hornbeam (<i>Carpinus betulus</i>)	Height (m): 6.5 Stem Diam (mm): 200 Spread (m): 2.5N, 2.5E, 2.5S, 2.5W Crown Clearance (m): 2 Lowest Branch (m): 4(N) Life Stage: Early Mature Rem. Contrib.: 40+ Years	Landscape feature	B2	Radius: 2.4m. Area: 18 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T132	Common Ash (<i>Fraxinus excelsior</i>)	Height (m): 8 Stem Diam (mm): 300 Spread (m): 3.5N, 3.5E, 3.5S, 3.5W Crown Clearance (m): 2 Lowest Branch (m): 3(N) Life Stage: Early Mature Rem. Contrib.: 40+ Years	Landscape feature	B2	Radius: 3.6m. Area: 41 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T133	Lombardy Poplar (<i>Populus nigra italica</i>)	Height (m): 18 Stem Diam (mm): 890 Spread (m): 2.5N, 2.5E, 2.5S, 2.5W Crown Clearance (m): 1 Lowest Branch (m): 1(E) Life Stage: Mature Rem. Contrib.: 40+ Years	Landscape feature within a small woodland area	A1	Radius: 10.7m. Area: 360 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T134	Lombardy Poplar (<i>Populus nigra italica</i>)	Height (m): 18 Stem Diam (mm): 890 Spread (m): 2.5N, 2.5E,	Landscape feature within a small woodland area	A1	Radius: 10.7m. Area: 360 sq m.	Other Reference: Distance1: Distance2:

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



		2.5S, 2.5W Crown Clearance (m): 1 Lowest Branch (m): 1(E) Life Stage: Mature Rem. Contrib.: 40+ Years				Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T135	Lombardy Poplar (<i>Populus nigra italica</i>)	Height (m): 18 Stem Diam (mm): 890 Spread (m): 7N, 4E, 5S, 4W Crown Clearance (m): 1 Lowest Branch (m): 1(E) Life Stage: Mature Rem. Contrib.: 40+ Years	Landscape feature within a small woodland area	A1	Radius: 10.7m. Area: 360 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T136	Lombardy Poplar (<i>Populus nigra italica</i>)	Height (m): 18 Stem Diam (mm): 890 Spread (m): 2.5N, 2.5E, 2.5S, 2.5W Crown Clearance (m): 1 Lowest Branch (m): 1(E) Life Stage: Mature Rem. Contrib.: 40+ Years	Landscape feature within a small woodland area	A1	Radius: 10.7m. Area: 360 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T137	Lombardy Poplar (<i>Populus nigra italica</i>)	Height (m): 18 Stem Diam (mm): 890 Spread (m): 2.5N, 2.5E, 2.5S, 2.5W Crown Clearance (m): 1 Lowest Branch (m): 1(E) Life Stage: Mature	Landscape feature within a small woodland area	A1	Radius: 10.7m. Area: 360 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



		Rem. Contrib.: 40+ Years				
T138	Lombardy Poplar (<i>Populus nigra italica</i>)	Height (m): 18 Stem Diam (mm): 890 Spread (m): 2.5N, 2.5E, 2.5S, 2.5W Crown Clearance (m): 1 Lowest Branch (m): 1(E) Life Stage: Mature Rem. Contrib.: 40+ Years	Landscape feature within a small woodland area	A1	Radius: 10.7m. Area: 360 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T139	Common Ash (<i>Fraxinus excelsior</i>)	Height (m): 11 Stem Diam (mm): 400 Spread (m): 4N, 4E, 4S, 4W Crown Clearance (m): 2 Lowest Branch (m): 3(N) Life Stage: Early Mature Rem. Contrib.: 40+ Years	Landscape feature	B2	Radius: 4.8m. Area: 72 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T140	Common Ash (<i>Fraxinus excelsior</i>)	Height (m): 11 Stem Diam (mm): 400 Spread (m): 4N, 4E, 4S, 4W Crown Clearance (m): 2 Lowest Branch (m): 3(N) Life Stage: Early Mature Rem. Contrib.: 40+ Years	Landscape feature	B2	Radius: 4.8m. Area: 72 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T141	Common Ash (<i>Fraxinus excelsior</i>)	Height (m): 11 Stem Diam (mm): 400 Spread (m): 4N, 4E, 4S, 4W Crown Clearance (m): 2 Lowest Branch (m): 3(N) Life Stage: Early Mature Rem. Contrib.: 40+ Years	Landscape feature	B2	Radius: 4.8m. Area: 72 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T142	Field Maple (<i>Acer campestre</i>)	Height (m): 8 Stem Diam (mm): 400 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 3(N) Life Stage: Early Mature Rem. Contrib.: 40+ Years	Landscape feature	B2	Radius: 4.8m. Area: 72 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T143	Field Maple (<i>Acer campestre</i>)	Height (m): 8 Stem Diam (mm): 400 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 3(N) Life Stage: Early Mature Rem. Contrib.: 40+ Years	Landscape feature	B2	Radius: 4.8m. Area: 72 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T144	Field Maple (<i>Acer campestre</i>)	Height (m): 8 Stem Diam (mm): 400 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 3(N) Life Stage: Early Mature	Landscape feature	B2	Radius: 4.8m. Area: 72 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



		Rem. Contrib.: 40+ Years				Bat Habitat: None
T145	Field Maple (<i>Acer campestre</i>)	Height (m): 8 Stem Diam (mm): 400 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 3(N) Life Stage: Early Mature Rem. Contrib.: 40+ Years	Landscape feature	B2	Radius: 4.8m. Area: 72 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T146	Field Maple (<i>Acer campestre</i>)	Height (m): 8 Stem Diam (mm): 400 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 3(N) Life Stage: Early Mature Rem. Contrib.: 40+ Years	Landscape feature	B2	Radius: 4.8m. Area: 72 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T147	Silver Birch (<i>Betula pendula</i>)	Height (m): 11 Stem Diam (mm): 500 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 3(N) Life Stage: Early Mature Rem. Contrib.: 40+ Years	Landscape feature	B2	Radius: 6.0m. Area: 113 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T148	Not identified (<i>Not identified</i>)	Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2 Life	Forming a group of trees	B2	Area: 395 sq m, plus a 1m buffer.	Other Reference: Distance1: Distance2:

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



		Stage: Early Mature Rem. Contrib.: 40+ Years				Custom Number 3: Physiological Cond: Fair Structural Cond: Fair Bat Habitat: None
T149	Not identified (<i>Not identified</i>)	Height (m): 7 Stem Diam (mm): 300 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2 Life Stage: Early Mature Rem. Contrib.: 40+ Years	Forming a group of trees	B2	Area: 4639 sq m, plus a 1m buffer.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Fair Bat Habitat: None
T150	Norway Spruce (<i>Picea abies</i>)	Height (m): 14 Stem Diam (mm): 380 Spread (m): 1.5N, 1.5E, 1.5S, 1.5W Crown Clearance (m): 4 Lowest Branch (m): 4(E) Life Stage: Mature Rem. Contrib.: 40+ Years	Part of a group of trees, ivy on stems	B1	Radius: 4.6m. Area: 66 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Fair Bat Habitat: None
T151	Silver Birch (<i>Betula pendula</i>)	Height (m): 9 Stem Diam (mm): 350 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 3(N) Life Stage: Early Mature Rem. Contrib.: 40+ Years	Landscape feature	B2	Radius: 4.2m. Area: 55 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T152	Silver Birch (<i>Betula pendula</i>)	Height (m): 9 Stem Diam (mm): 370 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 3(N) Life Stage: Early Mature Rem. Contrib.: 40+ Years	Landscape feature	B2	Radius: 4.4m. Area: 61 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T153	Silver Birch (<i>Betula pendula</i>)	Height (m): 9 Stem Diam (mm): 400 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 3(N) Life Stage: Early Mature Rem. Contrib.: 40+ Years	Landscape feature	B2	Radius: 4.8m. Area: 72 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T154	Silver Birch (<i>Betula pendula</i>)	Height (m): 9 Stem Diam (mm): 500 Spread (m): 4N, 4E, 4S, 4W Crown Clearance (m): 2 Lowest Branch (m): 3(N) Life Stage: Early Mature Rem. Contrib.: 40+ Years	Landscape feature	B2	Radius: 6.0m. Area: 113 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T155	Silver Birch (<i>Betula pendula</i>)	Height (m): 9 Stem Diam (mm): 350 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 3(N) Life Stage: Early Mature	Landscape feature	B2	Radius: 4.2m. Area: 55 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



		Rem. Contrib.: 40+ Years				Bat Habitat: None
T156	Rowan (<i>Sorbus aucuparia</i>)	Height (m): 9 2 stems, avg.(mm): 200 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2 Lowest Branch (m): 1(W) Life Stage: Early Mature Rem. Contrib.: 40+ Years	Landscape feature	B2	Radius: 3.4m. Area: 36 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T157	Horse Chestnut (<i>Aesculus hippocastanum</i>)	Height (m): 9 Stem Diam (mm): 370 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 3(N) Life Stage: Early Mature Rem. Contrib.: 40+ Years	Landscape feature	B2	Radius: 4.4m. Area: 61 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T158	Wild Cherry (<i>Prunus avium</i>)	Height (m): 9 Stem Diam (mm): 350 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 3(N) Life Stage: Early Mature Rem. Contrib.: 40+ Years	Landscape feature	B2	Radius: 4.2m. Area: 55 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T159	Silver Birch (<i>Betula pendula</i>)	Height (m): 9 Stem Diam (mm): 350 Spread (m): 3N, 3E, 3S, 3W	Landscape feature	B2	Radius: 4.2m. Area: 55 sq m.	Other Reference: Distance1: Distance2:

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



		Crown Clearance (m): 2 Lowest Branch (m): 3(N) Life Stage: Early Mature Rem. Contrib.: 40+ Years				Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T160	Corsican Pine (<i>Pinus nigra laricio</i>)	Height (m): 14 Stem Diam (mm): 590 Spread (m): 2.5N, 2.5E, 2.5S, 2.5W Crown Clearance (m): 1 Lowest Branch (m): 1(E) Life Stage: Mature Rem. Contrib.: 40+ Years	Landscape feature within a small woodland area	A1	Radius: 7.1m. Area: 158 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T161	Corsican Pine (<i>Pinus nigra laricio</i>)	Height (m): 14 Stem Diam (mm): 520 Spread (m): 2.5N, 2.5E, 2.5S, 2.5W Crown Clearance (m): 1 Lowest Branch (m): 1(E) Life Stage: Mature Rem. Contrib.: 40+ Years	Landscape feature within a small woodland area	A1	Radius: 6.2m. Area: 121 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T162	Norway Spruce (<i>Picea abies</i>)	Height (m): 7 Stem Diam (mm): 200 Spread (m): 1N, 1E, 1S, 1W Crown Clearance (m): 5 Lowest Branch (m): 5(N) Life Stage: Dead	Dead tree	U	None - due to Retention Category of U.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Dead Structural Cond: Fair Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T163	Douglas Fir (<i>Pseudotsuga menziesii</i>)	Height (m): 11 Stem Diam (mm): 428 Spread (m): 2.5N, 5E, 2.5S, 1W Crown Clearance (m): 1 Lowest Branch (m): 1(E) Life Stage: Mature Rem. Contrib.: 40+ Years	Landscape feature within a small woodland area	A1	Radius: 5.1m. Area: 82 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T164	Douglas Fir (<i>Pseudotsuga menziesii</i>)	Height (m): 11 Stem Diam (mm): 428 Spread (m): 2.5N, 1E, 2.5S, 5W Crown Clearance (m): 1 Lowest Branch (m): 1(E) Life Stage: Mature Rem. Contrib.: 40+ Years	Landscape feature within a small woodland area	A1	Radius: 5.1m. Area: 82 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T165	Field Maple (<i>Acer campestre</i>)	Height (m): 9 Stem Diam (mm): 480 Spread (m): 2.5N, 2.5E, 2.5S, 2.5W Crown Clearance (m): 3 Lowest Branch (m): 3(E) Life Stage: Early Mature Rem. Contrib.: 40+ Years		B1	Radius: 5.8m. Area: 106 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Structural Cond: Bat Habitat:
T166	Horse Chestnut (<i>Aesculus hippocastanum</i>)	Height (m): 10 5 stems, avg.(mm): 400 Spread (m): 4.5N, 4E, 6S,	Part of a group of trees growing to the front of the site	B2	Radius: 10.7m. Area: 360 sq m.	Other Reference: Distance1: Distance2:

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



		7W Crown Clearance (m): 2 Lowest Branch (m): 2(W) Life Stage: Mature Rem. Contrib.: 40+ Years				Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T167	Silver Birch (<i>Betula pendula</i>)	Height (m): 10 Stem Diam (mm): 300 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2(W) Life Stage: Mature Rem. Contrib.: 40+ Years	Part of a group of trees growing to the front of the site	B2	Radius: 3.6m. Area: 41 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T168	Silver Birch (<i>Betula pendula</i>)	Height (m): 10 Stem Diam (mm): 300 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2(W) Life Stage: Mature Rem. Contrib.: 40+ Years	Part of a group of trees growing to the front of the site	B2	Radius: 3.6m. Area: 41 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T169	Common Beech (<i>Fagus sylvatica</i>)	Height (m): 10 Stem Diam (mm): 500 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 2(W) Life Stage: Mature Rem. Contrib.: 40+ Years	Part of a group of trees growing to the front of the site	B2	Radius: 6.0m. Area: 113 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T170	Common Beech (<i>Fagus sylvatica</i>)	Height (m): 10 Stem Diam (mm): 400 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 2(W) Life Stage: Mature Rem. Contrib.: 40+ Years	Part of a group of trees growing to the front of the site	B2	Radius: 4.8m. Area: 72 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T171	Common Beech (<i>Fagus sylvatica</i>)	Height (m): 10 Stem Diam (mm): 630 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 2(W) Life Stage: Mature Rem. Contrib.: 40+ Years	Part of a group of trees growing to the front of the site	B2	Radius: 7.6m. Area: 181 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T172	Silver Birch (<i>Betula pendula</i>)	Height (m): 10 Stem Diam (mm): 300 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2(W) Life Stage: Mature Rem. Contrib.: 40+ Years	Part of a group of trees growing to the front of the site	B2	Radius: 3.6m. Area: 41 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T173	Silver Birch (<i>Betula pendula</i>)	Height (m): 10 Stem Diam (mm): 300 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2(W) Life Stage: Mature	Part of a group of trees growing to the front of the site	B2	Radius: 3.6m. Area: 41 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



		Rem. Contrib.: 40+ Years				Bat Habitat: None
T174	Common Beech (<i>Fagus sylvatica</i>)	Height (m): 10 Stem Diam (mm): 300 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2(W) Life Stage: Mature Rem. Contrib.: 40+ Years	Part of a group of trees growing to the front of the site	B2	Radius: 3.6m. Area: 41 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T175	Silver Birch (<i>Betula pendula</i>)	Height (m): 10 Stem Diam (mm): 300 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2(W) Life Stage: Mature Rem. Contrib.: 40+ Years	Part of a group of trees growing to the front of the site	B2	Radius: 3.6m. Area: 41 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T176	Silver Birch (<i>Betula pendula</i>)	Height (m): 10 Stem Diam (mm): 300 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2(W) Life Stage: Mature Rem. Contrib.: 40+ Years	Part of a group of trees growing to the front of the site	B2	Radius: 3.6m. Area: 41 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T177	Field Maple (<i>Acer campestre</i>)	Height (m): 10 Stem Diam (mm): 300 Spread (m): 2N, 2E, 2S, 2W	Part of a group of trees growing to the front of the site	B2	Radius: 3.6m. Area: 41 sq m.	Other Reference: Distance1: Distance2:

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



		Crown Clearance (m): 2 Lowest Branch (m): 2(W) Life Stage: Mature Rem. Contrib.: 40+ Years				Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T178	Silver Birch (<i>Betula pendula</i>)	Height (m): 10 Stem Diam (mm): 500 Spread (m): 4N, 4E, 4S, 4W Crown Clearance (m): 2 Lowest Branch (m): 2(W) Life Stage: Mature Rem. Contrib.: 40+ Years	Part of a group of trees growing to the front of the site	B2	Radius: 6.0m. Area: 113 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T179	Silver Birch (<i>Betula pendula</i>)	Height (m): 10 Stem Diam (mm): 300 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2(W) Life Stage: Mature Rem. Contrib.: 40+ Years	Part of a group of trees growing to the front of the site	B2	Radius: 3.6m. Area: 41 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T180	Silver Birch (<i>Betula pendula</i>)	Height (m): 10 Stem Diam (mm): 300 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2(W) Life Stage: Mature Rem. Contrib.: 40+ Years	Part of a group of trees growing to the front of the site	B2	Radius: 3.6m. Area: 41 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T181	Wild Cherry (<i>Prunus avium</i>)	Height (m): 10 Stem Diam (mm): 300 Spread (m): 4N, 4E, 4S, 4W Crown Clearance (m): 2 Lowest Branch (m): 2(W) Life Stage: Mature Rem. Contrib.: 40+ Years	Part of a group of trees growing to the front of the site	B2	Radius: 3.6m. Area: 41 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T182	Whitebeam (<i>Sorbus aria</i>)	Height (m): 10 Stem Diam (mm): 600 Spread (m): 4N, 1E, 4S, 4W Crown Clearance (m): 2 Lowest Branch (m): 2(W) Life Stage: Mature Rem. Contrib.: 40+ Years	Part of a group of trees growing to the front of the site	B2	Radius: 7.2m. Area: 163 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T183	Goat Willow (<i>Salix caprea</i>)	Height (m): 14 Stem Diam (mm): 900 Spread (m): 6N, 6E, 6S, 6W Crown Clearance (m): 5 Lowest Branch (m): 5(W) Life Stage: Mature Rem. Contrib.: 40+ Years	Part of a group of trees growing to the front of the site	B2	Radius: 10.8m. Area: 366 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T184	Wild Cherry (<i>Prunus avium</i>)	Height (m): 10 Stem Diam (mm): 440 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 2(W) Life Stage: Mature	Part of a group of trees growing to the front of the site	B2	Radius: 5.3m. Area: 88 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



		Rem. Contrib.: 40+ Years				Bat Habitat: None
T185	Rowan (<i>Sorbus aucuparia</i>)	Height (m): 10 Stem Diam (mm): 300 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2(W) Life Stage: Mature Rem. Contrib.: <10 years	Part of a group of trees growing to the front of the site, fungus on wound	C2	Radius: 3.6m. Area: 41 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Decaying Bat Habitat: None
T186	Wild Service (<i>Sorbus torminalis</i>)	Height (m): 10 Stem Diam (mm): 600 Spread (m): 6.5N, 6.5E, 6.5S, 6.5W Crown Clearance (m): 2 Lowest Branch (m): 2(W) Life Stage: Mature Rem. Contrib.: 40+ Years	Part of a group of trees growing to the front of the site	B2	Radius: 7.2m. Area: 163 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T187	Wild Service (<i>Sorbus torminalis</i>)	Height (m): 10 Stem Diam (mm): 430 Spread (m): 4N, 4E, 4S, 4W Crown Clearance (m): 2 Lowest Branch (m): 2(W) Life Stage: Mature Rem. Contrib.: <10 years	Part of a group of trees growing to the front of the site honey fungus at base of tree	U	None - due to Retention Category of U.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Poor Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T188	Pedunculate Oak (<i>Quercus robur</i>)	Height (m): 13 Stem Diam (mm): 900 Spread (m): 7N, 7E, 7S, 7W Crown Clearance (m): 2 Lowest Branch (m): 2(W) Life Stage: Mature Rem. Contrib.: 40+ Years	Part of a group of trees growing to the front of the site	B2	Radius: 10.8m. Area: 366 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T189	Box Elder Maple (<i>Acer negundo</i>)	Height (m): 5 Stem Diam (mm): 300 Spread (m): 2.5N, 2.5E, 2.5S, 2.5W Crown Clearance (m): 2 Lowest Branch (m): 2(E) Life Stage: Mature Rem. Contrib.: 40+ Years	Part of a group of trees growing to the front of the site	B2	Radius: 3.6m. Area: 41 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T190	Sweet Gum (<i>Liquidambar styraciflua</i>)	Height (m): 15 Stem Diam (mm): 520 Spread (m): 3.5N, 3.5E, 3.5S, 3.5W Crown Clearance (m): 2 Lowest Branch (m): 2(W) Life Stage: Mature Rem. Contrib.: 40+ Years	growing to the front of the site	B2	Radius: 6.2m. Area: 121 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T191	False Acacia (<i>Robinia pseudoacacia</i>)	Height (m): 15 Stem Diam (mm): 640 Spread (m): 4N, 4E, 4S, 4W Crown Clearance (m): 2	growing to the front of the site, honey fungus at base of tree	U	None - due to Retention Category of U.	Other Reference: Distance1: Distance2: Custom Number 3:

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



		Lowest Branch (m): 2(W) Life Stage: Mature Rem. Contrib.: <10 years				Physiological Cond: Good Structural Cond: Poor Bat Habitat: None
T192	Sweet Chestnut (<i>Castanea sativa</i>)	Height (m): 15 Stem Diam (mm): 810 Spread (m): 8.5N, 8.5E, 8.5S, 8.5W Crown Clearance (m): 2 Lowest Branch (m): 3(W) Life Stage: Mature Rem. Contrib.: 40+ Years	growing to the front of the site, canopy overhangs building	B2	Radius: 9.7m. Area: 296 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T193	Cotoneaster (<i>Cotoneaster sp.</i>)	Height (m): 6 Stem Diam (mm): 400 Spread (m): 4N, 4E, 4S, 4W Crown Clearance (m): 2 Lowest Branch (m): 2(W) Life Stage: Mature Rem. Contrib.: 40+ Years	growing to the front of the site	B2	Radius: 4.8m. Area: 72 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T194	Cotoneaster (<i>Cotoneaster sp.</i>)	Height (m): 6 Stem Diam (mm): 400 Spread (m): 4N, 4E, 4S, 4W Crown Clearance (m): 2 Lowest Branch (m): 2(W) Life Stage: Mature Rem. Contrib.: 40+ Years	growing to the front of the site	B2	Radius: 4.8m. Area: 72 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T195	Silver Birch (<i>Betula pendula</i>)	Height (m): 11 Stem Diam (mm): 430 Spread (m): 2.5N, 2.5E, 2.5S, 2.5W Crown Clearance (m): 3 Lowest Branch (m): 3.5(N) Life Stage: Early Mature Rem. Contrib.: 20+ Years	Growing close to walkway and over building	C1	Radius: 5.2m. Area: 85 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Fair Bat Habitat: None
T196	Wild Cherry (<i>Prunus avium</i>)	Height (m): 5.5 Stem Diam (mm): 570 Spread (m): 5N, 5E, 5S, 5W Crown Clearance (m): 2 Lowest Branch (m): 2(S) Life Stage: Mature Rem. Contrib.: 20+ Years	Low branches (3m) obstruct pedestrian access. Dead wood.	B1	Radius: 6.8m. Area: 145 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Fair Structural Cond: Fair Bat Habitat: None
T197	Silver Birch (<i>Betula pendula</i>)	Height (m): 10 Stem Diam (mm): 740 Spread (m): 7N, 7E, 7S, 7W Crown Clearance (m): 2 Lowest Branch (m): 2(W) Life Stage: Mature Rem. Contrib.: 40+ Years	Part of a group of trees growing to the front of the site	B2	Radius: 8.9m. Area: 249 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T198	Silver Birch (<i>Betula pendula</i>)	Height (m): 10 Stem Diam (mm): 200 Spread (m): 1N, 1E, 1S, 1W Crown Clearance (m): 2 Lowest Branch (m): 2(W)	Part of a group of trees growing to the front of the site	B2	Radius: 2.4m. Area: 18 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



		Life Stage: Mature Rem. Contrib.: 40+ Years				Structural Cond: Good Bat Habitat: None
T199	Silver Birch (<i>Betula pendula</i>)	Height (m): 10 Stem Diam (mm): 200 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2(W) Life Stage: Mature Rem. Contrib.: <10 years	Part of a group of trees growing to the front of the site, birch polypore on stem	U	None - due to Retention Category of U.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Poor Structural Cond: Poor Bat Habitat: None
T200	Silver Birch (<i>Betula pendula</i>)	Height (m): 10 Stem Diam (mm): 500 Spread (m): 4N, 4E, 4S, 4W Crown Clearance (m): 2 Lowest Branch (m): 2(W) Life Stage: Mature Rem. Contrib.: 40+ Years	Part of a group of trees growing to the front of the site	B2	Radius: 6.0m. Area: 113 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T201	Silver Birch (<i>Betula pendula</i>)	Height (m): 10 Stem Diam (mm): 250 Spread (m): 2.5N, 2.5E, 2.5S, 2.5W Crown Clearance (m): 2 Lowest Branch (m): 2(W) Life Stage: Mature Rem. Contrib.: 40+ Years	Part of a group of trees growing to the front of the site	B2	Radius: 3.0m. Area: 28 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T202	Lawson Cypress (<i>Chamaecyparis lawsoniana</i>)	Height (m): 10 3 stems, avg.(mm): 400 Spread (m): 4N, 4E, 4S, 4W Crown Clearance (m): 2 Lowest Branch (m): 2(W) Life Stage: Mature Rem. Contrib.: 40+ Years	Part of a group of trees growing to the front of the site	B2	Radius: 8.3m. Area: 216 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T203	Lawson Cypress (<i>Chamaecyparis lawsoniana</i>)	Height (m): 10 Stem Diam (mm): 400 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2 Lowest Branch (m): 2(W) Life Stage: Mature Rem. Contrib.: 40+ Years	Part of a group of trees growing to the front of the site	B2	Radius: 4.8m. Area: 72 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T204	Dawn Redwood (<i>Metasequoia glyptostroboides</i>)	Height (m): 3 Stem Diam (mm): 560 Life Stage: Mature		U	None - due to Retention Category of U.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Structural Cond: Bat Habitat:
T205	Dawn Redwood (<i>Metasequoia glyptostroboides</i>)	Height (m): 6.5 Stem Diam (mm): 120 Spread (m): 1.5N, 1.5E, 1.5S, 1.5W Crown Clearance (m): 1 Lowest Branch (m): 2(W)	Growing in closed Off area with limited access	B1	Radius: 1.4m. Area: 6 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



		Life Stage: Semi Mature Rem. Contrib.: 40+ Years				Bat Habitat: None
T206	Purple Cherry Plum (<i>Prunus cerasifera</i> 'Pissardi')	Height (m): 6.5 Stem Diam (mm): 340 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 2 Lowest Branch (m): 1(E) Life Stage: Semi Mature Rem. Contrib.: 40+ Years	Growing in closed Off area with limited access	B1	Radius: 4.1m. Area: 53 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T207	Magnolia (<i>Magnolia sp.</i>)	Height (m): 5 2 stems, avg.(mm): 200 Spread (m): 4N, 4E, 4S, 4W Crown Clearance (m): 1 Lowest Branch (m): 2(W) Life Stage: Semi Mature Rem. Contrib.: 40+ Years	Growing in closed Off area with limited access	B1	Radius: 3.4m. Area: 36 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T208	Weeping Golden Willow 'Corksree' (<i>Salix x sepulcralis</i> <i>Chrysocoma</i>)	Height (m): 5 Stem Diam (mm): 240 Spread (m): 3.5N, 1E, 3.5S, 3.5W Crown Clearance (m): 0 Lowest Branch (m): 1(N) Life Stage: Semi Mature Rem. Contrib.: 40+ Years	Growing in closed Off area with limited access	B1	Radius: 2.9m. Area: 26 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



T209	Weeping Golden Willow 'Corkscrew' (<i>Salix x sepulcralis Chrysocoma</i>)	Height (m): 5 Stem Diam (mm): 240 Spread (m): 4N, 4E, 4S, 4W Crown Clearance (m): 0 Lowest Branch (m): 1(N) Life Stage: Semi Mature Rem. Contrib.: 40+ Years	Growing in closed Off area with limited access	B1	Radius: 2.9m. Area: 26 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T210	Whitebeam (<i>Sorbus aria</i>)	Height (m): 5 Stem Diam (mm): 300 Spread (m): 2.5N, 2.5E, 2.5S, 2.5W Crown Clearance (m): 2 Lowest Branch (m): 1(N) Life Stage: Semi Mature Rem. Contrib.: 40+ Years	Growing in closed Off area with limited access	B1	Radius: 3.6m. Area: 41 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T211	Common Beech (<i>Fagus sylvatica</i>)	Height (m): 5 Stem Diam (mm): 200 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2 Lowest Branch (m): 1(N) Life Stage: Semi Mature Rem. Contrib.: 40+ Years	Growing in closed Off area with limited access	B1	Radius: 2.4m. Area: 18 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T212	Goat Willow (<i>Salix caprea</i>)	Height (m): 5 2 stems, avg.(mm): 200 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 1 Lowest Branch (m): 1(N)	Growing in closed Off area with limited access	B1	Radius: 3.4m. Area: 36 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



		Life Stage: Semi Mature Rem. Contrib.: 40+ Years				Structural Cond: Good Bat Habitat: None
T213	Goat Willow (<i>Salix caprea</i>)	Height (m): 5 2 stems, avg.(mm): 200 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 1 Lowest Branch (m): 1(N) Life Stage: Semi Mature Rem. Contrib.: 40+ Years	Growing in closed Off area with limited access	B1	Radius: 3.4m. Area: 36 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T214	Goat Willow (<i>Salix caprea</i>)	Height (m): 5 2 stems, avg.(mm): 200 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 1 Lowest Branch (m): 1(N) Life Stage: Semi Mature Rem. Contrib.: 40+ Years	Growing in closed Off area with limited access	B1	Radius: 3.4m. Area: 36 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T215	Apple (<i>Malus sp.</i>)	Height (m): 2 Stem Diam (mm): 100 Spread (m): 1N, 1E, 1S, 1W Crown Clearance (m): 1 Lowest Branch (m): 1(N) Life Stage: Semi Mature Rem. Contrib.: 40+ Years	Growing in closed Off area with limited access	B1	Radius: 1.2m. Area: 5 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T216	Apple (<i>Malus sp.</i>)	Height (m): 2 Stem Diam (mm): 100 Spread (m): 1N, 1E, 1S, 1W	Growing in closed Off area with limited access	B1	Radius: 1.2m. Area: 5 sq m.	Other Reference: Distance1: Distance2:

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



		Crown Clearance (m): 1 Lowest Branch (m): 1(N) Life Stage: Semi Mature Rem. Contrib.: 40+ Years				Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T217	Apple (<i>Malus sp.</i>)	Height (m): 2 Stem Diam (mm): 100 Spread (m): 1N, 1E, 1S, 1W Crown Clearance (m): 1 Lowest Branch (m): 1(N) Life Stage: Semi Mature Rem. Contrib.: 40+ Years	Growing in closed Off area with limited access	B1	Radius: 1.2m. Area: 5 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T218	Apple (<i>Malus sp.</i>)	Height (m): 2 Stem Diam (mm): 100 Spread (m): 1N, 1E, 1S, 1W Crown Clearance (m): 1 Lowest Branch (m): 1(N) Life Stage: Semi Mature Rem. Contrib.: 40+ Years	Growing in closed Off area with limited access	B1	Radius: 1.2m. Area: 5 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None
T219	Apple (<i>Malus sp.</i>)	Height (m): 3.5 Stem Diam (mm): 200 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 1 Lowest Branch (m): 1(N) Life Stage: Semi Mature Rem. Contrib.: 40+ Years	Growing in closed Off area with limited access	B1	Radius: 2.4m. Area: 18 sq m.	Other Reference: Distance1: Distance2: Custom Number 3: Physiological Cond: Good Structural Cond: Good Bat Habitat: None

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



Appendix II – Tree Preservation Order check

Dear Reuben Hayes,
Thank you for your enquiry.

Currently there are no Tree Preservation Orders at the above address.
The site is outside of Long Sutton Conservation Area.

Long Sutton Tree Preservation Order No. 33 2006 lies to the south.

Sadly I have not had the opportunity as yet to check if there are any Planning Conditions restricting works to trees on the site. Depending on the nature of works proposed this may or may not be directly relevant.

Yours sincerely,

Diane Fairchild Fenton (Mrs).
Trees and Nature Conservation Officer.
South Holland District Council
T: 01775 764483 after 10.00am.
E: dfairchild@sholland.gov.uk
www.sholland.gov.uk

Appendix III – Tree Protection Notices





**No
access for
unauthorised
personnel**

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



Appendix IV – Tree categorisation table (BS5837:2012)

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



Category and definition	Criteria (including subcategories where appropriate)			Identification on plan
Category U Those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years.	- Trees that have a serious, irremediable, structural defect, such that their early loss is expected due to collapse, including those that will become unviable after removal of other category U trees (e.g. where, for whatever reason, the loss of companion shelter cannot be mitigated by pruning) - Trees that are dead or are showing signs of significant, immediate, and irreversible overall decline - Trees infected with pathogens of significance to the health and/or safety of their trees nearby, or very low quality trees suppressing adjacent trees of better quality. <i>(note: Category U trees can have existing or potential conservation value which it might be desirable to preserve)</i>			
Trees to be considered for retention				
	1. Mainly arboricultural qualities	2. Mainly landscape qualities	3. Mainly cultural values, including conservation	
Category A Trees of high quality with an estimated remaining life expectancy of at least 40 years.	Trees that are particularly good examples of their species, especially if rare or unusual; or those that are essential components of groups or formal or semi-formal arboricultural features (e.g. the dominant and/or principal trees within an avenue)	Trees, groups or woodlands of particular visual importance as arboricultural and/or landscape features	Trees, groups or woodlands of significant conservation, historical, commemorative or other value (e.g. veteran trees or wood-pasture)	
Category B Trees of moderate quality with an estimated remaining life expectancy of at least 20 years.	Trees that might be included in category A, but are downgraded because of impaired condition (e.g. presence of significant though remediable defects, including unsympathetic past management and storm damage), which that they are unlikely to be suitable for retention for beyond 40 years; or trees lacking the special quality necessary to merit the category A designation	Trees present in numbers, usually growing as groups or woodlands, such that they attract a higher collective rating than they might as individuals; or trees occurring as collectives but situated so as to make little visual contribution to the wider locality.	Trees with material conservation or other cultural value	
Category C Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm	Unremarkable trees of very limited merit or such impaired condition that they do not qualify in higher categories	Trees present in groups or woodlands, but without this conferring on them significantly greater collective landscape value; and/or trees offering low or only temporary/transient landscape benefits	Trees with no material conservation or other cultural value	



Appendix V – Bibliography

British Standards Institution (2010), *BS3998 Tree Work - Recommendations*

British Standards Institution (2012), *BS5837 Trees in relation to design, demolition and construction - Recommendations*

Appendix VI – About the author

Author of this report: Mr Reuben Hayes, M.Arbor.A; CMgr MCMI

Qualifications

Quantified Tree Risk Assessment, 2018 – QTRA

CMI Management and Leadership (Level 5) – May 2015

Professional Tree Inspection, 2009 – Lantra

Higher National Diploma, Arboriculture (HND), July 2003 – Warwickshire College

National Diploma (Tree Management and Arboriculture), 2000 – Warwickshire College

Experience

Apex Environmental Ltd: May 2013 – Present

Cannock Chase Council: July 2010 – Present

RJH Silvicultural and Arboricultural Services Ltd: 2008 – 2010

London Borough of Camden: January 2005 – July 2010

Three Rivers District Council: March 2003 – January 2005

Forestry Commission: 1997 – 1998

National Trust

Membership of professional bodies

Professional Member of the Arboricultural Association

Professional Member of Consulting Arborist Society (CAS)

Associate Member of the Institute of Chartered Foresters

Fully accredited Chartered Manager of Chartered Management Institute (CMI)

Member of Institute of Directors (IoD)

Arboricultural Impact Assessment BS5837:2012

University Academy Long Sutton, Little London, Long Sutton, Spalding PE12 9LF

Ref: AEL-18654

Reuben Hayes



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