

Arboricultural Consultancy
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Our Ref: CC/1414 AR2599

25th April 2016

Ms. Lucy Arrowsmith Clive Chapman Architects 4 Eel Pie Island Twickenham Middlesex TW1 3DY

Dear Ms. Arrowsmith,

Re: Tree Protection Relating to 179-181 High Street, Hampton Hill, Richmond TW12 1NL

Please find enclosed an arboricultural report relating to the proposed development at the above site. I would be grateful if you could review the contents of this report to ensure it meets your requirements before it is sent to the Local Planning Authority. A copy of this report should be maintained on site at all times and be available to all site personnel.

Attendance at the pre-commencement meeting and for inspections/supervision (sections 16.0 and 27.0 of report) is chargeable at the standard hourly rate, details of which are available upon request.

I hope that this information is clear and helpful and if I can be of any further assistance, please do not hesitate to contact me.

Yours sincerely,

Mr. David Challice

Chartered Arboriculturist

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Enc.

Tree Survey Arboricultural Impact Assessment Arboricultural Method Statement

Relating to:

179-181 High Street, Hampton Hill, Richmond TW12 1NL

Produced for:

Clive Chapman Architects

Prepared by:

Challice Consulting Ltd.
Mr. David Challice
Dip. Arb. (RFS), F.Arbor.A, MICFor

Date:

25th April 2016

Our Ref:

CC/1414 AR2599

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INTRODUCTION

Frequently Used Key Terms and Abbreviations 1.0

Tree Preservation Order	TPO
Arboricultural Method Statement	AMS
British Standard 5837:2012 – Recommendations for Trees in	BS 5837
Relation to Design, Demolition and Construction	
British Standard 3998:2010 - Recommendations for Tree Work	BS 3998
Root Protection Area/Root Protection Areas	RPA/RPAs
Local Planning Authority	LPA

2.0 The Proposal

2.1 The scheme proposes an amalgamation of four existing self-contained retail units and extension to the rear, refurbishment of the three existing residential units and provision of an additional seven residential units to the rear.

3.0 Instructions and Purpose

- 3.1 This report has been commissioned by Clive Chapman Architects to;
 - Survey the trees in accordance with British Standard (BS 5837)
 5837:2012 Trees in Relation to Design, Demolition and Construction- Recommendations.
 - Detail the arboricultural impact of the proposed project.
 - Prepare a tree work schedule to British Standard (BS 3998)
 3998:2010 Recommendations for Tree Work.
 - Develop a tree protection strategy for the duration of the development including any demolition works.
- 3.2 Provision of the above information is designed to address the requirements of the LPA in terms of the arboricultural information necessary to register and determine the planning application.

4.0 Scope

4.1 In surveying the trees to the requirements of BS 5837, trees on and immediately adjacent to the site with a stem diameter over 75mm have been included. Large shrubs and hedges have been included where these are considered to be of significant amenity value. These are particularly important where they provide boundary screening. For clarity and ease of data interpretation, large shrubs have been classified as trees.

4.2 A full hazard assessment of the trees (including the assessment of decay or defects and their impact), has not been undertaken as this is considered beyond the scope of this report. Any obvious hazards and defects have been identified in the Tree Survey Schedule and appropriate works recommended for immediate action.

5.0 Documents Supplied/Used

Document	Obtained From	Format/Ref.
Existing and proposed layout plans	Clive Chapman Architects	Dwg.
Topographical Survey	Clive Chapman Architects	Dwg.

6.0 Site Details

- 6.1 The site is comprised of existing retail and residential units facing onto Hampton Hill High Street.
- 6.2 The site is largely flat with no significant inclines in any direction that would affect the recommendations in this report.
- 6.3 The site is within the administrative jurisdiction of the London Borough of Richmond-upon-Thames.
- 6.4 I have been informed by Ms. Arrowsmith on 26th February 2016 via e-mail that 'all trees on the site fall under a TPO'.

TREE SURVEY

7.0 Survey Method

- 7.1 The site and trees were inspected on 21st May 2015.
- 7.2 The trees were inspected from ground level and no climbing inspections were undertaken.

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7.3 Heights of the trees were estimated by eye and crown spreads were estimated by pacing.

8.0 Tree Details

8.1 The total number of records is as follows:

Individual Trees (T): 8

Tree Groups (G): 4

- 8.2 The tree details and proposed works are presented in the Tree Survey Schedule with Recommended Tree Works at **Appendix 1** and tree positions are shown on the Tree Protection Plan at **Appendix 2**.
- 8.3 The quality and value of the tree stock has been broken down by BS 5837 quality grade. The grading system can be summarised as follows:

A Grade – trees of high quality and value with a life expectancy of more than 40 years

B Grade – trees of moderate quality and value, with a life expectancy of more than 20 years

C Grade – trees of low quality and value, with a life expectancy of more than 10 years

U Grade – trees for removal, with a life expectancy of less than 10 years

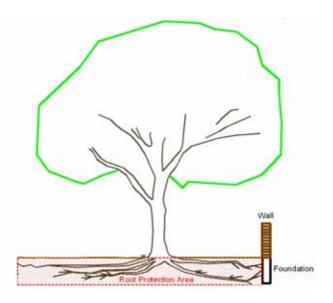
Quality and Value of Existing Tree Stock

	A Grade	B Grade	C Grade	U Grade
No. of Tree Records by Grade	0	0	12	0

8.4 The RPAs of the trees are included in the Tree Survey Schedule with reference to Table 1 of BS 5837. The RPA is the area, measured in m², which is calculated in accordance with the BS 5837 using the stem diameter of the trees. This should provide retained trees with sufficient rooting environment to survive the proposed development. Section 4.6.3 of BS 5837 provides for the shape of the RPA to be modified from the

starting point of a circle to account for site features where rooting may be restricted, as long as the total area remains the same.

Diagrammatic Representation of a Restricted Root Protection Area



Modified RPAs

Tree No.	Impediments to Normal Rooting
T3 and G6	Existing hard surfacing outside the site

ARBORICULTURAL IMPACT ASSESSMENT

9.0 Introduction to Arboricultural Impact Assessment

9.1 This section comprises an assessment of the impact the proposed works detailed in Section 2 above have on trees. It considers the arboricultural impact and how this may be mitigated.

10.0 Tree Removal and Retention

10.1 The proposed scheme provides for the retention and protection of the following trees. These trees were chosen for their quality and suitability for retention within the context of the proposed development.

Trees to be Retained

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	A Grade	B Grade	C Grade	U Grade
Tree No(s). To be Retained	0	0	G2, T3, part of G6, T8, T9 and part of G11	0

10.2 The proposed scheme will require that the following trees be removed.

Trees to be Removed

	A Grade	B Grade	C Grade	U Grade
Tree No(s). To be Removed	0	0	T1, G4, T5, part of G6, T7, T10, part of G11 and T12	0

11.0 Tree Pruning Works

11.1 Tree works are recommended for good arboricultural practice and to ensure reasonable clearance from the proposed construction. The pruning described in the Tree Survey Schedule with Recommended Tree Works at **Appendix 1** will not adversely affect the trees or their contribution to local amenity.

12.0 Incursions into Root Protection Areas

12.1 The table below summarises the significant incursions into the RPAs of retained trees. The 'Action' column details how the incursion has been mitigated and why it is considered acceptable. Incursions may be fully invasive (where specialist methods are not used and some root loss is considered acceptable) or low invasive (where specialist methods are used to minimise damage to or loss of roots). Full details of how the works will be carried out without causing damage to the trees are given in the AMS.

Summary of Incursions into RPAs

Tree No.	Type of Incursion	Incursion %	Action		
Т3	Fully invasive to install a bike store	11%	Due to the low level of incursion and the robust nature of this tree no specialised building techniques are considered appropriate in this instance		

- 12.2 Existing buildings are also to be demolished by hand adjacent to the RPAs of the retained trees. These works will be undertaken in an arboriculturally sensitive manner as detailed in the AMS.
- 12.3 No new underground services are to be installed within the RPAs of retained trees.

13.0 Proximity Issues and Shading

- 13.1 The approximate shade segments for key retained trees have been plotted using the ArborCAD software system, which identifies the area of the site which may be affected by shade during the course of the day. The shade segment does not represent the area which will be in shade all day long; however, it represents an area which may be affected at some point during the course of a day by shade depending on the time of day and season.
- 13.2 The juxtaposition between retained trees and the proposed development is in accordance with Section 5.3 of the BS 5837 and should not lead to future pressure to heavily prune or remove retained trees for the following reasons:
 - 1. Tree pruning has been recommended to provide adequate separation between the proposed development and the retained trees.
 - 2. Any future tree pruning works are unlikely to be over and above those generally accepted as good arboricultural practice in an urban environment.
 - 3. Low maintenance gutters can be specified to negate the need for removing leaves from the rainwater collection system.

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14.0 Summary of Arboricultural Impact

- 14.1 In summary, the arboricultural impact of the proposed scheme is relatively minor as all the trees to be removed are of low or moderate quality and are located at the rear of the site where tree removal will cause less impact.
- 14.2 The retained trees provide screening for the proposed development and can be afforded an appropriate degree of protection in accordance with the BS 5837 as detailed in the AMS.

ARBORICULTURAL METHOD STATEMENT

15.0 Introduction to Arboricultural Method Statement

- 15.1 To safeguard the retained trees (both above and below ground parts) during the development works and preserve the soil structure of areas which have been allocated for new planting, it will be necessary to implement tree protection measures as outlined below.
- 15.2 The basic principle is that the area inside the tree protective fencing and where ground protection has been used is to be protected for the duration of the works.
- 15.3 A copy of this AMS shall be maintained on site at all times and made available to all site personnel.
- 15.4 All site personnel shall be made aware of the key impact of this AMS and be given an arboricultural induction by the Site Manager. An Induction Form is attached at **Appendix 4**. A copy of the Induction Form will be signed by all site personnel to confirm that they have understood the issues involved.
- 15.5 As of 2005, Local Planning Authorities have powers to serve **Temporary Stop Notices** if agreed tree protection measures are not carried out. Adhering to this AMS will ensure that such costly and time consuming action is avoided.

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16.0 Pre-Commencement Meeting

16.1 A pre-commencement site meeting, involving representatives from the Development Company, the Arboricultural Consultant and the LPA Tree Officer will be held to ensure that all aspects of the tree protection process are understood and agreed. A record of the meeting will be communicated to all parties by the Arboricultural Consultant.

17.0 General Site Precautions

- 17.1 The following points will be observed at all times:
 - No fires will be lit on site during the construction or demolition phases.
 - No access will be permitted inside the tree protective fencing.
 - No materials, equipment or debris will be stored within the tree protective fencing.
 - Notice boards, telephone cables or other services will not be attached to any parts of retained trees.
 - Materials which will contaminate the soil (e.g. diesel oil and vehicle washings) will not be permitted to migrate into the RPAs of retained trees.
 - A dedicated mixing and cleaning area will be set up to prevent concrete, cement and cleaning residue leaching into the RPAs of the retained trees (see Tree Protection Plan for specification).

18.0 Tree Works

18.1 All works will be carried out in accordance with BS 3998:2010 'Recommendations for Tree Work' (as amended) and to current arboricultural best practice. Tree works will be carried out by a suitably qualified and experienced Arboricultural Contractor holding the necessary insurance cover. This contractor should carry out the relevant site specific risk assessments and record such information prior to commencement of tasks and work in accordance with current health and safety standards, practices and legislation. A list of such contractors is available from the Arboricultural Association at www.trees.org.uk.

- 18.2 I have been informed by Ms. Arrowsmith on 26th February 2016 via e-mail that 'all trees on the site fall under a TPO'. Submission of this AMS in connection with a planning application should be construed as a formal application to carry out those works specified in the Tree Survey Schedule with Recommended Tree Works at **Appendix 1**. It is recommended that this matter be clarified in writing with the LPA prior to any works commencing.
- 18.3 In addition, prior to the commencement of any tree works, an ecological assessment of specific trees may be required to ascertain whether protected species (e.g. bats, badgers and certain invertebrates) may be affected.
- 18.4 If additional pruning of trees is required to facilitate the proposed works or access for machinery/plant, the Arboricultural Consultant will be contacted to advise on appropriate works and liaise with the LPA as necessary.

19.0 Tree Protective Fencing

- 19.1 Tree protective fencing is used to ensure that the RPAs of retained trees are safeguarded. These measures may also be employed to protect areas of ground for new landscaping.
- 19.2 The positioning and specification of the fencing is shown in **Appendix 2**. In this case, the default specification of BS 5837 consisting of **fixed Heras** fencing would be effective.
- 19.3 The protective fencing will remain in position for the duration of the development, including the removal of any existing structures. Clear signs will be attached to the fencing once erected suggested wording will be 'Construction Exclusion Zone No Access'.

20.0 Ground Protection

20.1 A provision has been made to install ground protection between the edge of the proposed development and the tree protective fencing. This provides adequate working space to permit the safe and practical

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completion of construction works whilst protecting the rooting environment of the retained trees (position and specification shown in **Appendix 2**). The ground protection will remain in place for the duration of the development, including the removal of any existing structures.

21.0 Site Access/Hard Surfaces

21.1 The existing side access is suitable for site access during demolition and construction and little or no damage is anticipated to the root systems of the retained trees.

22.0 Demolition

22.1 The existing buildings will be demolished by hand within the RPAs of the retained trees.

23.0 Underground Services

- 23.1 The proposed scheme can make use of existing services and all new services and soakaways will be located in the adequate space outside the RPAs of the retained trees.
- 23.2 The locations of all new services will be available for review at the precommencement site meeting before any works start on site.

24.0 Foundations

24.1 The foundations for the proposed building are located outside the RPAs of retained trees, therefore, the design and installation of specialised foundations is not required.

25.0 Construction/Hard Landscaping

25.1 There is no requirement for additional construction or hard landscaping that will affect the surveyed trees.

- 25.2 Construction is taken to include erection of scaffolding and the installation of associated hard landscaping features such as retaining walls, patios, and cycle stores.
- 25.3 In this instance, retained trees will not impede the erection of scaffolding and no ancillary structures are proposed within the RPAs of the retained trees.
- 25.4 Subject to all of the above tree protection measures being implemented, construction works may proceed without risk of damage to retained trees.

26.0 Soft Landscaping/Boundary Fencing

- 26.1 Soft landscaping will be undertaken when heavy machinery has been removed from site and tree protective fencing taken down. The following points will be observed:
 - Care will be taken not to compact the soil within the RPAs of retained trees or where new tree planting is to be carried out.
 - No changes in ground levels will occur within the RPAs of the retained trees.
 - Unwanted vegetation will be removed manually or using contact herbicides that will not damage existing tree roots.
 - No irrigation or drainage pipes will be installed within the RPAs of retained trees.
 - If soil has been compacted in areas where planting is proposed, measures to improve soil structure (e.g. decompaction) may be necessary to facilitate successful plant establishment.
 - Where fence posts are being installed within the RPAs of retained trees, this will be undertaken under arboricultural supervision.
 Fence post holes shall be lined with polythene where concrete is used to prevent the harmful cement leaching into the soil and damaging the roots of the retained trees.

27.0 Sequencing and Supervision

- 27.1 Effective tree protection relies on following a logical sequence of events and arboricultural inspection/supervision.
- 27.2 Works which have the potential to affect trees will be supervised by a suitably qualified and experienced Arboricultural Consultant. Regular inspection visits will also be undertaken to ensure that tree protection measures are being adhered to. The final details of supervision and the frequency of inspection visits will be agreed at the pre-commencement meeting. The Arboricultural Consultant will make a record of visits, which will be attached to the site copy of the AMS for inspection and communicated in writing to the LPA. An example of the Site Inspection Record is found in **Appendix 3**.

Sequencing and Supervision

Stage	Action	Personnel Responsible				
1.	Issue arboricultural report to site manager	Client/Developer				
2.	Give Arboricultural Consultant (AC) at least a week's notice of pre-commencement meeting	Client/Developer				
3.	Pre-commencement meeting	Site Manager, Tree Officer and AC				
4.	Arboricultural induction	Site Manager				
5.	Carry out tree works	AC to monitor				
6.	Erect tree protective fencing and install ground protection	AC to inspect on a monthly basis to ensure tree protection is in place and report to the LPA (client instruction required)				
7.	Carry out demolition and construct foundations	AC to supervise				
8.	Install underground services	AC to supervise				
9.	Erect scaffolding and carry out construction (including hard landscaping)	Site Manager				
10.	Remove machinery/plant	Site Manager				
11.	Remove tree protective fencing/ground protection	Site Manager				
12.	Carry out soft landscaping and erect boundary fencing	Site Manager to brief landscaping company on site and supervise				

28.0 Amendments

28.1 Issues sometimes arise on development sites which require amendments to the previously agreed tree protection details. Any amendments to this AMS will be discussed with the Arboricultural Consultant and approved in writing by the LPA prior to being implemented. Copies of paperwork relating to any amendments shall be attached to the site copy of the AMS to provide a definitive record of what has been agreed.

29.0 List of Contacts

Contact	Name	Company/LPA	Contact Number(s)	Report Issued to?
Client	Ms. Lucy Arrowsmith	Clive Chapman Architects	020 8891 4837	Yes
Arboricultural Supervisor	Mr. David Challice	Challice Consulting Ltd.	01306 743374 07831 855764	N/a



Tree Survey Schedule with Recommended Tree Works

Page 1

Surveyor: Mr. David Challice

Our Ref: CC/1414 AR2599

Site: 179-181 High Street, Hampton Hill, Richmond TW12 1NL

Date: 21st May 2015

B.S. Sub Height Crown Ground Stem Protection Protection Growth Structural Landscape Useful Observations **English Name** Age Tree Spread Clearance Class Diamete Multiplier Radius Vitality Condition Contribution Cat Cat Life No. Branches touching adjacent buildings Svcamore 294 12 3.5 С 40+ T1 15 Early Mature Normal Good Medium Number 5 FB 2.5 W 3 Recommended Works/ Fell Recommended to permit Reason for Works: development Branches touching adjacent buildings Sycamore 15 5 Early Mature 260 12 3.1 Good Medium С G2 GC 2 Normal 3 Number 5 5 Ε FB2 1 5 ave Recommended Works/ Cut back to give 2m clearance Crown lift to 3m over bin Recommended to permit Reason for Works: from single storey building store development Sycamore Debris dumped around base 15 5 Early Mature 412 12 4.9 Normal Good Medium **T3** GC 2 Number 5 5 3 FB0 Ν 5 ave Recommended Works/ Remove debris Cut back to give 2m Crown lift to 3m over the Recommended to permit Reason for Works: development clearance from single bike store storev building Holly and Hazel Part of group growing in unsustainable location adjacent to 10 Early Mature 173 12 2.1 Normal Good Low C 2 40+ G4 GC buildings Number 3 3 approx FB0 N 3 Not all trees plotted on plan 3 ave Recommended Works/ Fell Recommended to permit Reason for Works: development Growing in unsustainable location adjacent to buildings and Svcamore 15 Early Mature 275 12 3.3 Normal Good Low С 40+ **T5** Number FB 0.5 N Hollow stem est Recommended Works/ Fell Recommended to permit Reason for Works: development

Notes:

- 1. Height describes the approximate height of the tree measured in meters from ground level.
- 2. The Crown Spread refers to the crown radius in meters from the stem centre and is shown above on each of the four compass points (i.e. N, S, E, W).
- 3. Ground Clearance (**GC**) is the height in meters of crown clearance above adjacent ground level, the height of the first significant branch (**FB**) and the direction in which it is growing.
- 4. Stem Diameter is the diameter of the stem measured in millimeters at 1.5m from ground level. The stem diameter may be estimated (est) where access is restricted or an average (ave) taken for groups or multi-stemmed trees with more than five stems. The number of stems is also indicated.
- 5. Protection Multiplier is the number used to calculate the tree's protection radius and area and is shown as 12.

- 6. Protection Radius is a radial distance measured from the trunk centre.
- 7. Growth Vitality Normal growth, Moderate (below normal), Poor (sparse/weak) or Dead (dead or dying tree).
- 8. Structural Condition Good (no or only minor defects), Fair (remedial defects), Poor (major defects present).
- 9. Landscape Contribution High (prominent landscape feature), Medium (visible in landscape), Low (secluded/among other trees).
- 10. B.S. Cat refers to British Standard 5837:2012 Table 1 and refers to tree/group quality and value; 'A' High, 'B' Moderate, 'C' Low, 'U' Remove.
- 11. Sub Cat refers to the retention criteria values where 1 is Arboricultural, 2 is Landscape and 3 is Cultural including Conservational, Historic and Commemorative.
- 12. Useful Life is the tree's estimated remaining contribution in years.

Surveyor: Mr. David Challice

Our Ref: CC/1414 AR2599

Page 2

Challice Consulting Ltd. Tel: 01306 743374

Tree Survey Schedule with Recommended Tree Works

Site: 179-181 High Street, Hampton Hill, Richmond TW12 1NL

Date: 21st May 2015

Height Crown Ground Stem Protection Protection Growth Structural Landscape B.S. Sub Useful Observations **English Name** Age Tree Spread Clearance Class Diamete Multiplier Radius Vitality Condition Contribution Cat Cat Life No. Growing in unsustainable location adjacent to buildings and Svcamore 275 12 С 40+ G₆ 15 GC 3 Early Mature 3.3 Normal Good Low Number approx FB 0.5 N 1 Poor structured trees located remotely from building Not all trees plotted on plan est Recommended Works/ Fell part of group Advisable for good arboricultural Reason for Works: practice A tree with insignificant defects Eucalyptus 16 3 220 12 2.6 Good 1.2 40+ **T7** GC 7 Young Normal Low Number 3 3 FB6 1 N 3 Recommended Works/ Fell Recommended to permit Reason for Works: development Apple Hollow stem 11 245 12 2.9 Moderate Poor Medium C 1.2 10+ **T8** GC1.5 Mature Number 3 3 6 FB 0.5 N Recommended Works/ Crown reduce by approximately Advisable for good arboricultural Reason for Works: practice Growing close to boundary wall Common Holly 12 **T9** 12 3 GC 0 Mature 400 4.8 Normal Fair Medium Number 3 3 FB0 N est Recommended Works/ Cut back to give 14m clearance Recommended to permit Reason for Works: from proposed condensers development Decay in northern stem at 300mm Sycamore 15 325 12 3.9 Normal Fair Medium С 20+ T10 Early Mature Number FB0 1 Recommended Works/ Fell and replant Advisable for good arboricultural Reason for Works: practice

Notes:

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Tree Survey Schedule with Recommended Tree Works

Page 3

Surveyor: Mr. David Challice

Our Ref: CC/1414 AR2599

Site: 179-181 High Street, Hampton Hill, Richmond TW12 1NL

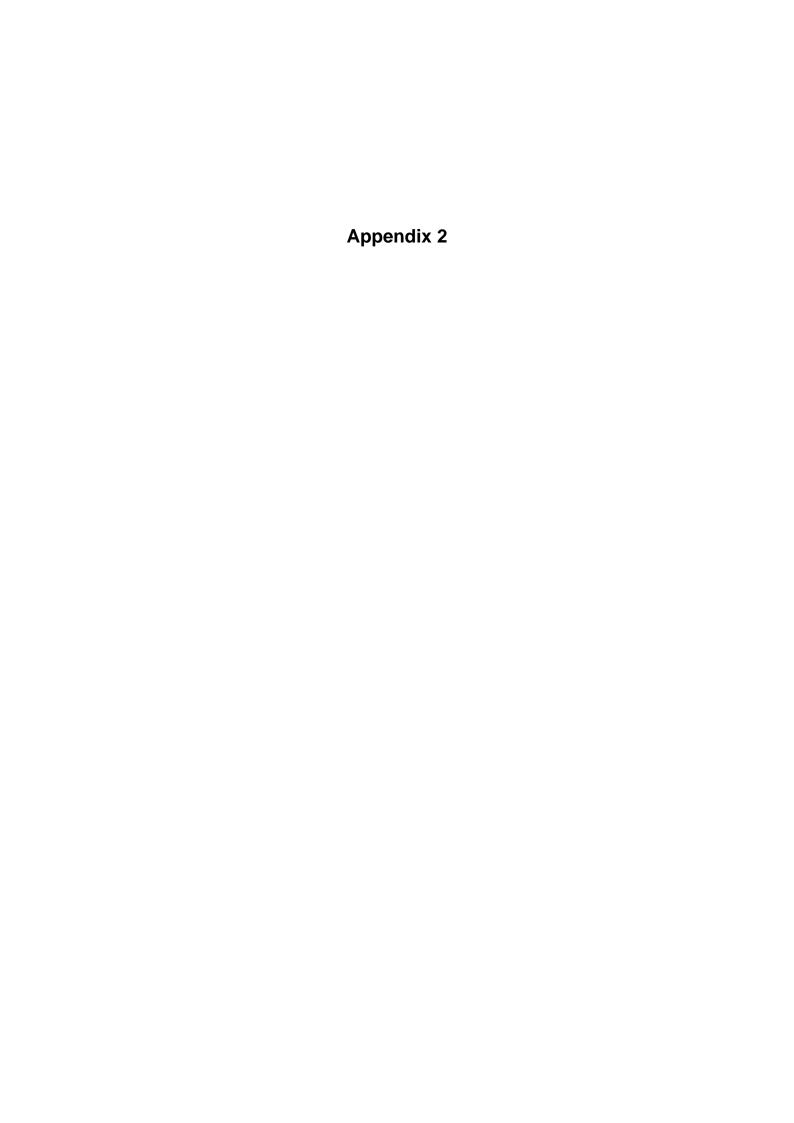
Date: 21st May 2015

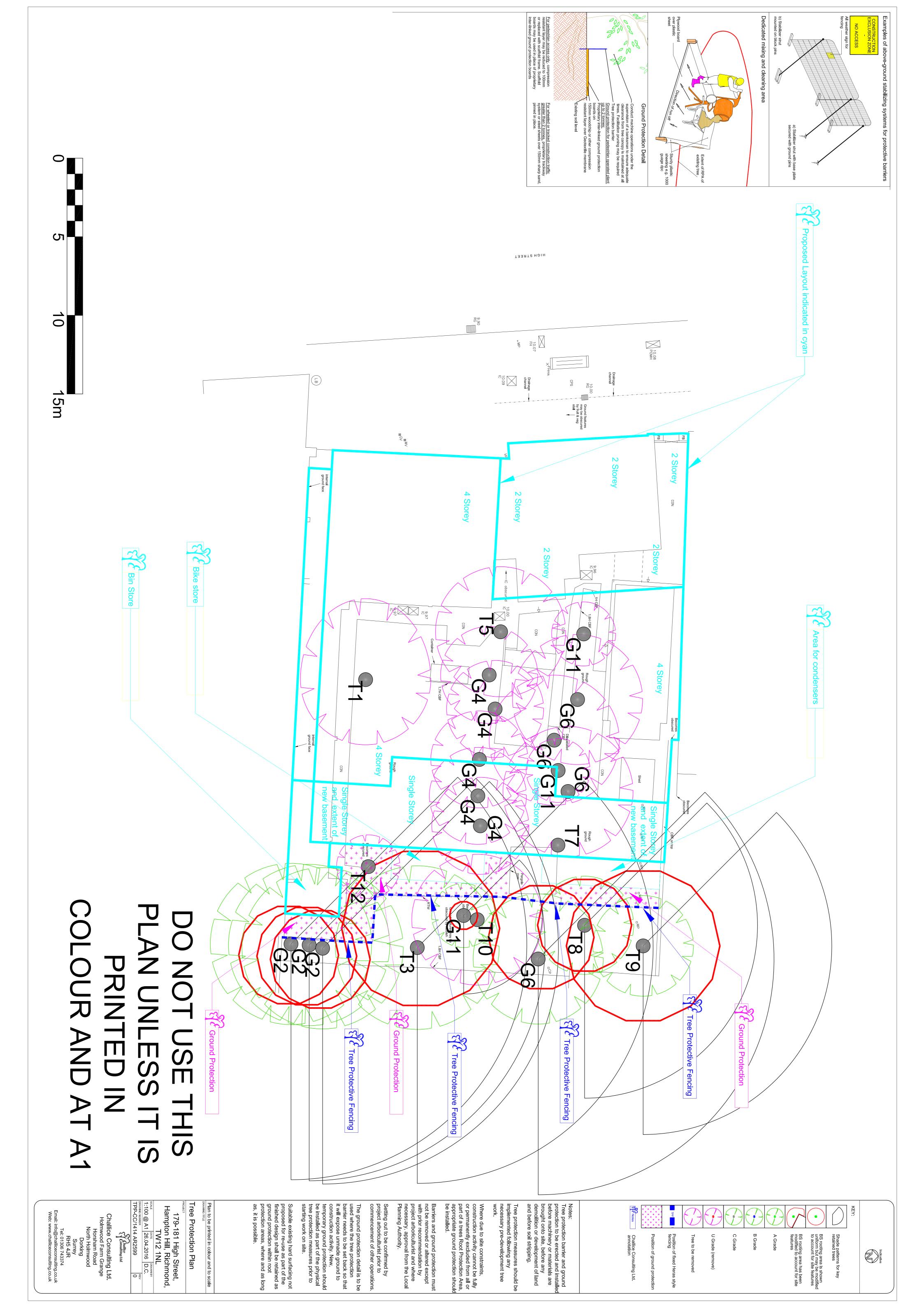
_	Tot may 2010														Odi 11011 00/1414 /1112000
Tree No.	English Name			Ground Clearance	Age Class		Protection Multiplier	Protection Radius	Growth Vitality	Structural Condition	Landscape Contribution			Useful Life	Observations
G11	Hazel 3 Number	5	2 2 2 2	GC 0 FB 0 N	Early Mature	73 6	12	0.9	Normal	Fair	Medium	С	2	40+	Trees with insignificant defects
Recommended Works/ Reason for Works: Fell and replant part of group Recommended to permit development															
T12	Common Ash 1 Number	5	2 2 2 2	GC1.5 FB1.5 N	Young	40 1 est	12	0.5	Normal	Good	Low	С	2	40+	Self sown tree
Recomme Reason fo		ell								Re	commended to pe development	ermit			

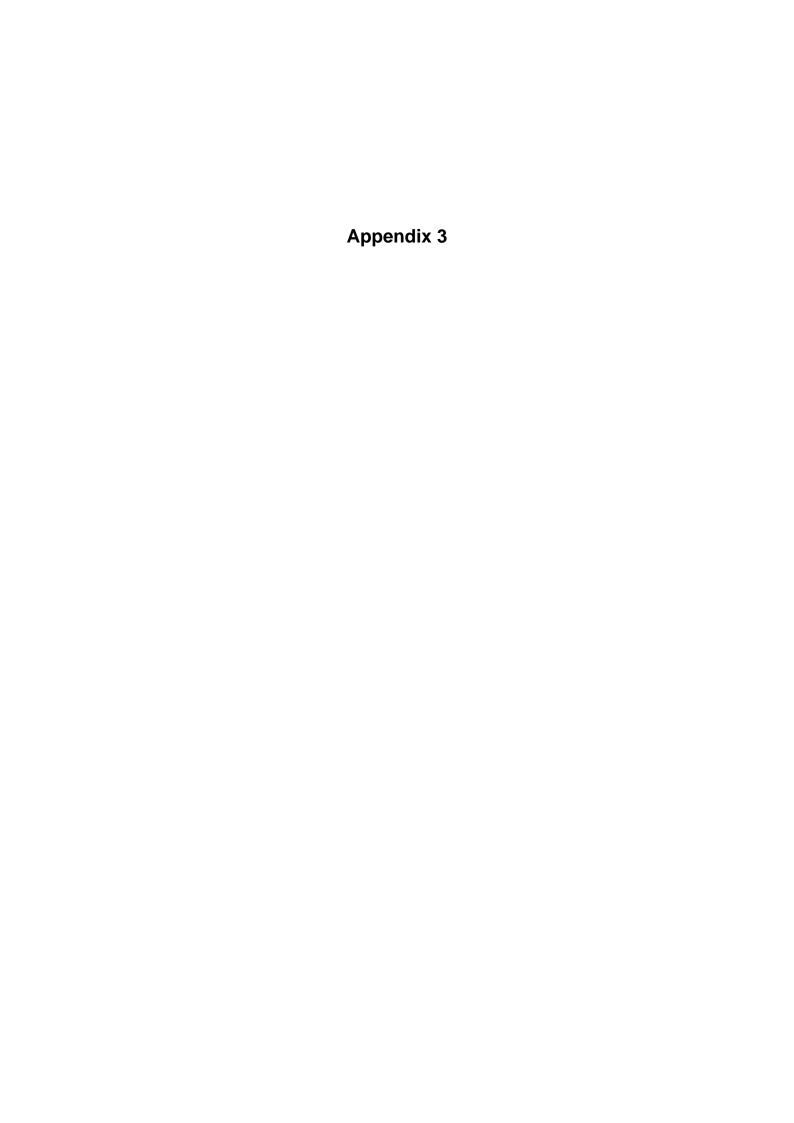
Notes:

- 1. Height describes the approximate height of the tree measured in meters from ground level.
- 2. The Crown Spread refers to the crown radius in meters from the stem centre and is shown above on each of the four compass points (i.e. N, S, E, W).
- 3. Ground Clearance (**GC**) is the height in meters of crown clearance above adjacent ground level, the height of the first significant branch (**FB**) and the direction in which it is growing.
- 4. Stem Diameter is the diameter of the stem measured in millimeters at 1.5m from ground level. The stem diameter may be estimated (**est**) where access is restricted or an average (**ave**) taken for groups or multi-stemmed trees with more than five stems. The number of stems is also indicated.
- 5. Protection Multiplier is the number used to calculate the tree's protection radius and area and is shown as 12.

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- 12. Useful Life is the tree's estimated remaining contribution in years.







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T: 01306 743374

Arboricultural Site Supervision

Site: Sample D. Challice Inspected By:

The Builder Client: Site Agent: No staff present **Date of Inspection: Time of Inspection:**



Tree protection in correct location

Comments/Action No action at this time

Agreed Construction Exclusion Zone

No debris within construction exclusion zone



Tree protection T23

Comments/Action

No action at this time

Amendments to Documentation Required

No amendments required

Comments/Action



Tree protection T14

Remedial Works

Install protection as per Arboricultural Method Statement

General Comments

No ground protection in place for T11,12,14,17 & 22 Sweet Gum T1 not removed



Induction Form for all Site Personnel:

ite Name:	

- I have had explained to me by the Site Manager the key implications of the Arboricultural Method Statement relating to the development at the above site.
- I am aware that the tree protective fencing must remain in its original position and must not be moved without the approval of the appointed Arboricultural Consultant.
- I understand that certain operations must be supervised by the appointed Arboricultural Consultant and that these operations must not start until the consultant is present and has given approval.
- I confirm that I will bring any concerns about potential damage to trees to the attention of the Site Manager.
- I am aware that I must not cause damage to any of the retained trees on or adjacent to the site. Damage may be caused by direct means (i.e. physical damage caused to roots or the trunk/branches of the tree) or by indirect means (e.g. by fire or toxic materials entering the rooting environment of the tree).

<u>Print Name</u> :.	 	 	 	 •
<u>Sign Name</u> :.	 	 	 	
Date:				

Drint Name