



ALLARBORICULTURE

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ARBORICULTURAL IMPACT ASSESSMENT AND METHOD STATEMENT

BS5837:2012

On behalf of: Giorgi
Chitidze

Site:
8 Crescent Road,
Reading, RG1 5SP

Prepared by: Kristian
Chesterman BSc
(Hons)

Report Reference:
AAAIA8CRE

Report Date:
24th January 2024

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1.0 Instruction

All Arboriculture has been instructed by Giorgi Chitidze to undertake a tree survey in accordance with BS5837:2012 *Trees In relation to design, demolition and construction – Recommendations*, and to produce an Arboricultural Impact Assessment, Arboricultural Method Statement and Tree Protection Plan. The instruction was received on the 16th January 2024. The tree survey was carried out on the 19th January 2024.

2.0 Statement of purpose

The purpose of this report is to provide local planning authorities with sufficient arboricultural information to consider the effect of the proposed development on nearby trees, and to demonstrate that trees have been carefully considered throughout the development process.

The report includes an arboricultural method statement that describes how work will be undertaken to provide adequate protection of retained trees.

3.0 Associated documents and drawings

This report should be read in conjunction with the following documents and drawings:

1. Sheet-Proposed Plans
2. British Standards Institute - BS5837:2012 *Trees in relation to design, demolition and construction – Recommendations*
3. Tree Protection Plan – AATPP8CRE

4.0 Site Description

The site is in the urban area of Reading and is a semi detached residential dwelling. The site is relatively flat with no abrupt changes in levels. The proposal is the erection of a single story rear extension. The site falls under the jurisdiction of Reading Borough Council. A search shows the tree is not protected by a Tree Preservation Order and is not within a Conservation Area.

5.0 Vegetation Description

The vegetation consists of 1 self seeded Category C tree.

6.0 Arboricultural impact assessment

Table 1: Summary of impacts	
Tree removal	T1
Facilitation pruning	None
Demolition within RPA	None
New surfacing within RPA	None
New structures within RPA	None

Building construction in relation to tree roots: The removal of T1 will be required to facilitate the development. This is a low quality self seeded tree and its removal will not have a negative impact.

Following removal, traditional foundations may be used.

Building construction in relation to tree crowns: It is important that sufficient growing space is allowed between the mature crown extent of each tree and the roof edge of the proposed structures. This is to reduce conflicts of interest in the future and to reduce the pressure to prune trees to keep them clear of roofs: A clearance of two metres from the mature tree crown is generally considered acceptable which is the case with this proposal as there are no trees close to the development following removal.

Tree root and canopy protection: Following removal tree protection will not be required.

Special surfacing: I do not consider special surfacing to be warranted.

Materials delivery, storage and handling: Materials should not be handled or stored within the RPA's of retained trees; the load exerted can result in soil compaction and leachate from spills can be toxic to trees.

Surface drains, soak aways and services: It is important that services, surface drains and soak aways avoid the RPA's of retained trees as roots can be damaged during trench excavations which is the case with this proposal.

7.0 Arboricultural Method Statement

Implementation and phasing of the proposed development: Site meetings relating the Arboricultural Methodology will not be required.

Tree protection barriers: Protective fencing will not be required.

Ground protection: Temporary ground protection will not be required.

Storage and handling of materials: This site has sufficient space for materials to be stored and handled.

Contractors parking: There is sufficient space on Crescent Road for parking.

Welfare facilities: Toilets and hand washing facilities shall be made available within the property.

Surface drains, soakaways and services: Following removal, services will be connected to the existing and there are no other trees on site.

Supervision: Supervision will not be required.

Treeworks: T1 will require removal. All tree work shall be carried out in accordance with BS 3998:2010 Tree Work – Recommendations by suitably qualified personnel.

Tree planting: It is respectfully suggested that if additional tree planting is required then this should be secured through an appropriately worded planning condition.

Sequencing of works

Site clearance of a light nature
Tree Works
Main construction phase
Removal of all non-essential
equipment Landscaping hard and soft
(if required) Completion

Contacts

Architect and Agent:

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Tel:

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Arboricultural Consultant:

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APPENDIX 1 - Tree Schedule Schedule

Tree No	Species	Height (m)	Trunk Diameter (cm)	Crown spread (m)		Crown height above ground (m)	Life stage	General observations	BS 5837 cat	Root protection area (m)
1	Cherry <i>Prunus avium</i>	6	32	2	2	3	Early Mature	Low quality self seeded tree on the boundary. Crown is growing into the dwelling and roof. Supressed.	C	3.8
				3	2					

APPENDIX 1 - Tree Schedule Schedule

Survey Key

Diameter (mm)

Stem diameter in millimetres measured at 1.5m above ground level. Where the stem is divided below 1.5m, measurement is taken as directed by BS:5837 Annex

C. RPA - Root Protection Area

RPA circle radius is determined from Annex D of BS:5837. R- Radius

A – Area

Branch Spread (m)

Radial crown spread in metres, measured for each of the four cardinal points of the compass from the centre of the trunk. Low branches

N E
W S

Height above ground in metres of the lowest branch and use of the 4 cardinal points of the compass.

Age class

(NP) Newly planted – a tree within 3 years after planting

(Y) Young – a tree within its first one third of life expectancy

(EM) Early Mature – a tree within its second third of life expectancy

(M) Mature – a tree in its final one third of life expectancy

(OM) Over Mature – a tree having reached its maximum life span and is declining in health and size due to old age

(V) Veteran – a tree in the second or mature stage of its life and has important wildlife and habitat features including; hollowing or associated decay fungi, holes, wounds and large dead branches.

(A) Ancient – a tree in the ancient or third and final stage of their life that is of interest biologically, aesthetically or culturally because of its age, size and condition

Physiological Condition

GOOD – a tree in a healthy condition with no significant problems

FAIR – a tree generally in good health with some problems that can be remediated POOR – a tree in poor health with significant problems that can't be remediated DEAD – a tree without sufficient live material to sustain life

Structural Condition

An assessment of the structural/safe condition of the tree categorised into:

GOOD – a tree in a safe condition with no significant defects

FAIR – a tree in a safe condition at present but with defects or with significant defects that can be remediated POOR – a tree with significant defects that can't be remediated.

EC - Estimated remaining contribution in years (based on the species and its current condition)

<10 Up to 10 years

10+ 10 years or more

20+ 20 years or more

40+ 40 years or more

Category (Tree quality assessment)

Category U – Tree in poor condition that cannot realistically be retained for longer than

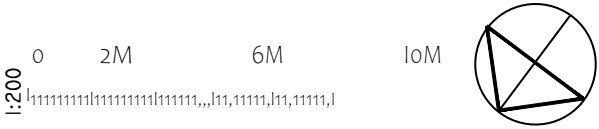
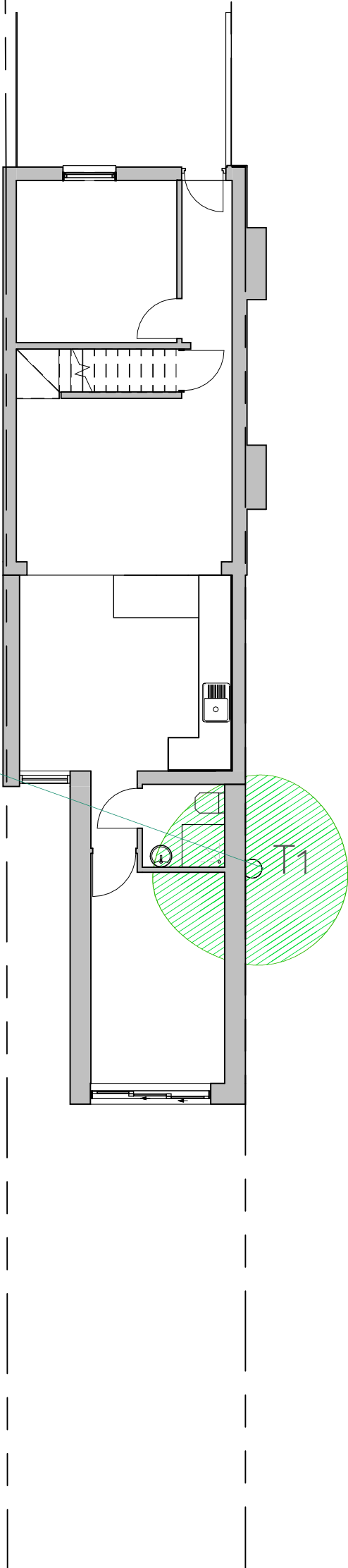
10 years Category A – Trees of high quality

Category B – Trees of moderate quality Category

C – Trees of low quality

APPENDIX 2 – Tree Protection Plan

T1:
T1 is a self seeded Cherry tree growing along the boundary. The tree is unmanaged and is in contact with the roof and walls of 8 Crescent Road. This low quality tree will be removed to facilitate the development.



RPA for
Cat A* tree

RPA for
Cat B* tree

RPA for
Cat C* tree

RPA for
Cat U* tree

Tree Canopy

Heras Fencing

Ground Protection

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Client:	Giorgi Chitidze
Consultant:	Kristian Chesterman

Site:	8 Crescent Road, Reading RG1 5SP	
Title:	Tree Protection Plan	
Scale at A3:	Date:	Document Ref.
1:200	24/01/2024	AATPP8CRE