



Connick Tree Care



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Connick Tree Consultants

TREE DEVELOPMENT REPORT rev1

(BS5837:2012 ARBORICULTURAL METHOD STATEMENT)

CLIENT	J-Architecture
PLANNING AUTHORITY	Mid Sussex District Council
PLANNING REFERENCE	DM/25/0672
SITE	46 Dale Avenue, Hassocks, BN6 8LS
SURVEY & REPORT BY	Mark Haddock BSc (Hons) CEnv
DATE	28 th May 2025

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ARBORICULTURAL METHOD STATEMENT

This Arboricultural Method Statement (AMS) provides how the construction of the summer house can be undertaken within a Root Protection Area (RPA) of T1 while minimising the potential impact to an acceptable level.

1.1 PHASING AND RESPONSIBILITIES

It will be the responsibility of the developer to ensure that those development phases identified as possibly impacting upon all retained trees are undertaken in line with the sequence set out in table 1 below.

1.2 SEQUENCE OF WORKS

To ensure the impact upon all trees retained is minimised, all construction works close to or within the Root Protection Areas should be completed in line with the following sequence of works. Due to the scale of the project and the minimal level of intrusion Arboricultural supervision will be conducted by means of submitted photographs.

Table 1: Identifying sequence of construction works which may impact trees

Sequence	Works Phase
1	Pre-commencement site meeting. AIA and AMS documents to be explained by client to contractor.
2	Tree Protection Fencing. Ensure all existing fencing is retained to serve this purpose. If replacement is required temporary fencing and the methodology in this document is to be followed.
3	Installation of ground screw foundations. Installation by hand tool or < 1t rubber tracked rig. Photograph installation method and submit images to CTC.
4	Installation of Service routing. Hand dig only or utilise existing trenches/ducting
5	Discovery of significant roots (see description in this document). Cease work, photograph and report findings to client for advice from CTC.
6	Photograph completion of works and submit to CTC for agreement of removal of all tree protection measures.

On submission of photographs required a site monitoring form will be completed by CTC and held on file. A PDF copy of the completed form will be made available to the local planning authorities' case officer if requested.

1.3 RESPONSIBILITIES

It will be the responsibility of the client/site owner to follow all instructions set out in the Tree Protection Plan and Method Statement throughout the construction period.

It will be the responsibility of the client/site owner to ensure that copies of this Arboricultural Method Statement and its appendices are available on site at all times.

It will be the responsibility of the project manager to send copies of any construction method statements which may have implications to retained trees should those methods differ from those described in this document.

The construction manager will ensure the build sequences identified within table 1 are completed to ensure that no damage occurs to the trees during the construction processes. This includes the organisation of the pre-commencement site meeting.

The client/site owner will be responsible for contacting CTC at any time issues arise related to the trees on site.

The main contractor will be responsible for ensuring sub-contractors do not carry out any process or operation that is likely to adversely impact upon any tree on site.

1.4 TREE WORKS

This section of the report outlines all trees works required to facilitate the proposed development.

No tree works are required to retained trees.

1.5 TREE PROTECTION FENCING

To ensure all trees within and adjacent to the site can be successfully retained, suitable tree protection methods are required.

The existing fencing will act as tree protection fencing.

Should the existing fencing require replacement rendering RPA's vulnerable to intrusion temporary fencing be installed as shown in section 1.6 below.

The replacement fencing (if required) will utilise existing post positions where practical.

All fence holes within or near to RPA's will be dug using hand tools only.

Should any significant roots (over 50mm diameter) be discovered the hole will be re-positioned allowing the root to be retained.

All holes within RPA's which require wet pour concrete will be lined with an impermeable membrane prior to pour to prevent leaving of chemicals into RPA soils.

1.6 TEMPORARY PROTECTIVE FENCING DETAIL

All trees to be retained should be protected prior to the undertaking of any construction works via the erection of protective barriers to form a construction exclusion zone (CEZ). The protective fencing will be sited as per the Tree Protection Plan attached as Appendix III.

The protective fence where required will be installed as per figure 3 of the BS 5837:2012 using standard 2-metre-tall by 3.5 metres wide welded mesh panels utilising stabilizer struts secured with ground pins.

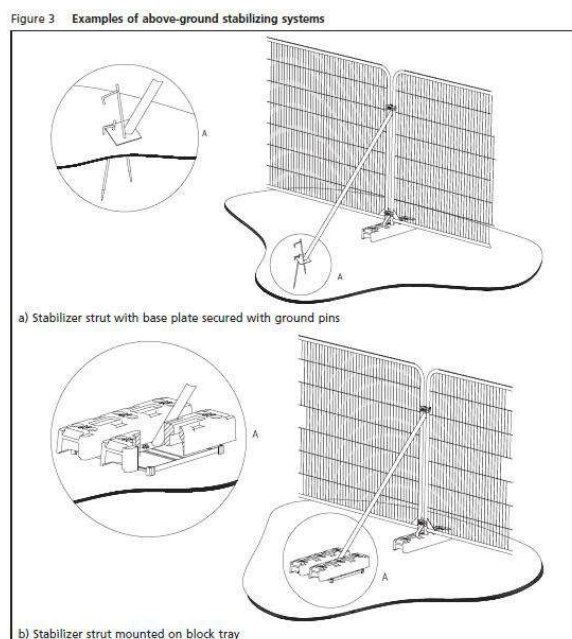


Figure 1: Showing proposed tree protection fencing.

2 REMOVAL OF EXISTING BUILDING FOUNDATIONS

All demolition works will take place outside of RPA's and no intrusions are required to remove demolition materials.

3 UNDERGROUND SERVICES

Underground service diagram drawings have not been provided. The supply of all services are from the residential property or the existing summer house to the site area and no excavations will be required within RPA's.

4 ARBORICULTURAL SUPERVISION

Prior to any works on a site an initial pre-commencement site meeting will be undertaken with the construction team to outline all the requirements within the method statement. Should any concerns or issues arise from this meeting CTC will be contacted and a site meeting arranged between CTC and the contractor before any works commence.

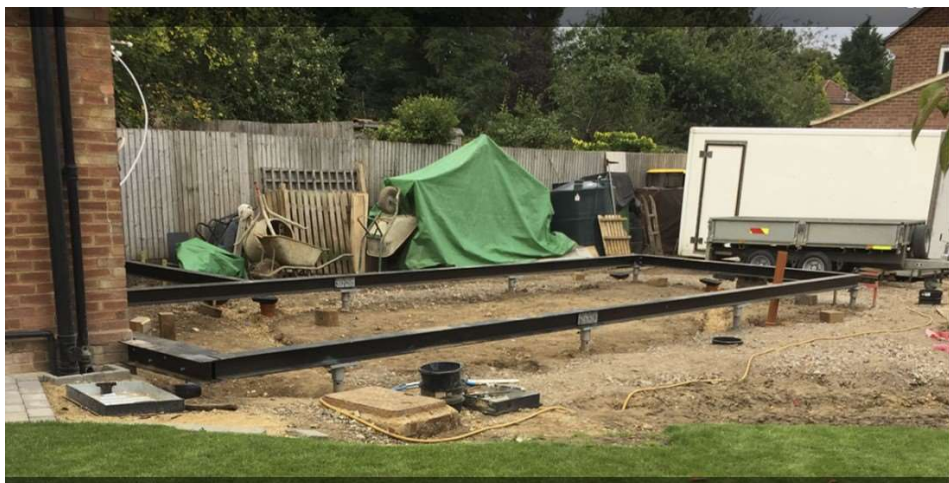
Throughout the construction period the project arboriculturist (CTC) will monitor the site works and contact the local authority arboriculturist if any tree issues occur. Records of all photographic reporting and site visits will be completed and issued to the client/site owner and made available to the LPA case officer on request.

Any variations from the methodology set out in this statement must be highlighted to CTC who will inform the Local Arboricultural officer. Any impacts relating to these changes will be calculated by CTC and relayed to all parties. Any significant changes will need to be approved in writing by the LPA tree officer.

5 INSTALLATION OF FOUNDATIONS

The summer house is a lightweight construction. To reduce the intrusion levels into the RPA of T1 to a negligible level the foundations may be formed either by ground screw or concrete post pile. Outside of the RPA of T1 any excavations requiring wet pour concrete will require lining with impermeable membrane to prevent leaching of slats and chemicals into soils.

Ground screw installation within the RPA may be carried out using a hand tool installation method or using a <1t machine mounted on rubber tracks. The machine will be located outside of the RPA of T1 at all times to facilitate the installation. The foundation for the summer house will then be formed raised above the soil level forming a platform. Examples are shown below.





Installation by concrete pile will form a similar foundation platform. If this method is to be used all holes for the supporting concrete pile post will be dug using hand tools only. Should any significant roots (those over 50mm diameter) be encountered, the hole will be relocated and the original hole backfilled with the excavated soil. All holes within or near to the RPA of T1 will be lined with an impermeable membrane prior to wet pour of concrete.

The existing sward within the RPA will be trimmed off by hand tool or a toothless bucket on a <1t rubber tracked excavator located outside of the RPA no greater than a depth of 100mm. Weed membrane may be installed over the stripped area. Weedkillers must not be used.

6 GENERAL PRECAUTIONS

6.1 SITE FACILITIES

The position of any site compound, toilets and storage space will be sited outside of the RPA of any retained trees or within existing hard standing. Any re-siting of these during the course of the proposed development will need to be approved in writing by the Local Authority Tree Officer.

6.2 STORAGE SPACE

There will be no spoil or construction material stored within the protected sections of the RPA of the retained trees or shrubs on the site. Where possible all storage should be contained within pre-existing hard surfaces.

6.3 PERIMETER FENCING

Works to erect perimeter fencing can have a negative impact upon retained trees. To ensure all retained trees are not impacted it is essential that all fence post holes are formed by hand and away from the base of trees. If roots are identified the hole should be relocated.

6.4 HAZARDOUS MATERIALS

No mixing or storage of materials will take place up a slope where they may leak into a CEZ or RPA.

No hazardous materials such as fuels, oils or cement will be stored within the storage area in the rear garden.



Materials which may contaminate the soil will not be discharged within 10m of any tree stem. When undertaking the mixing of materials, it is essential that any slope of the ground does not allow contaminants to run towards a tree root protection area.

6.5 TREE SURGERY WORKS

Any tree works considered necessary for health and safety reasons or to facilitate the development will be undertaken in accordance with British Standard 3998 (2010) Recommendations for Tree Works.

All works required are outlined within the Tree Survey Schedule.

APPENDIX I TREE SURVEY SCHEDULE

BS5837 Report

Justine Rattray Architecture

216497 map

Retention Category	No. trees
B	2
C	2
U	1
Not Recorded	1
Total	6

Rem. Contrib.	No. trees
<10 years	1
10+ Years	1
20+ Years	2
40+ Years	1
50+ Years	1

Ref.	Species	Full Structure	Measurements	Survey Notes	Retention Category	RPA	Comments	Measurements2	Recommendations
T001	Wild cherry (<i>Prunus avium</i>)	Tree	Height (m): 11 Stem Diam(mm): 400 Spread (m): 3N, 3E, 3S, 3W Crown Clearance (m): 4 Lowest Branch (m): 3(M) Life Stage: Early Mature Rem. Contrib.: 40+ Years		B	Radius: 4.8m. Area: 72 sq m.	Located 3m from boundary fence.	Physiological Condition: Good Structural Condition: Good Public Amenity Value: Low Inspection Limitations: Access Bat Habitat: None	
T002	Flowering cherry (<i>Prunus Serrulata</i>)	Tree 2 stems	Height (m): 5 2 stems (mm): 160,160 Spread (m): 4.5N, 4E, 3S, 3W Crown Clearance (m): 2.5 Lowest Branch (m): 3(E) Life Stage: Semi Mature Rem. Contrib.: 20+ Years		B	Radius: 2.7m. Area: 23 sq m.	Located 2.5m from boundary fence stem dia est.	Physiological Condition: Good Structural Condition: Good Public Amenity Value: Moderate Inspection Limitations: Access Bat Habitat: None	
T003	Common ash (<i>Fraxinus excelsior</i>)	Tree	Height (m): 3 Stem Diam(mm): 80 Spread (m): 0.5N, 0.5E, 0.5S, 0.5W Crown Clearance (m): 2 Lowest Branch (m): 2(W) Life Stage: Newly planted Rem. Contrib.: <10 years		U	Radius: 1.0m. Area: 3 sq m.	Self set tree evidence of ADB	Physiological Condition: Poor Structural Condition: Good Public Amenity Value: Low Inspection Limitations: Access Bat Habitat: None	
T004	Plum (<i>Prunus domestica</i>)	Tree	Height (m): 4 Stem Diam(mm): 150 Spread (m): 2N, 2E, 2S, 2W Crown Clearance (m): 2.5 Lowest Branch (m): 2.5(M) Life Stage: Semi Mature Rem. Contrib.: 10+ Years		C	Radius: 1.8m. Area: 10 sq m.		Physiological Condition: Good Structural Condition: Good Public Amenity Value: Low Inspection Limitations: None Bat Habitat: None	



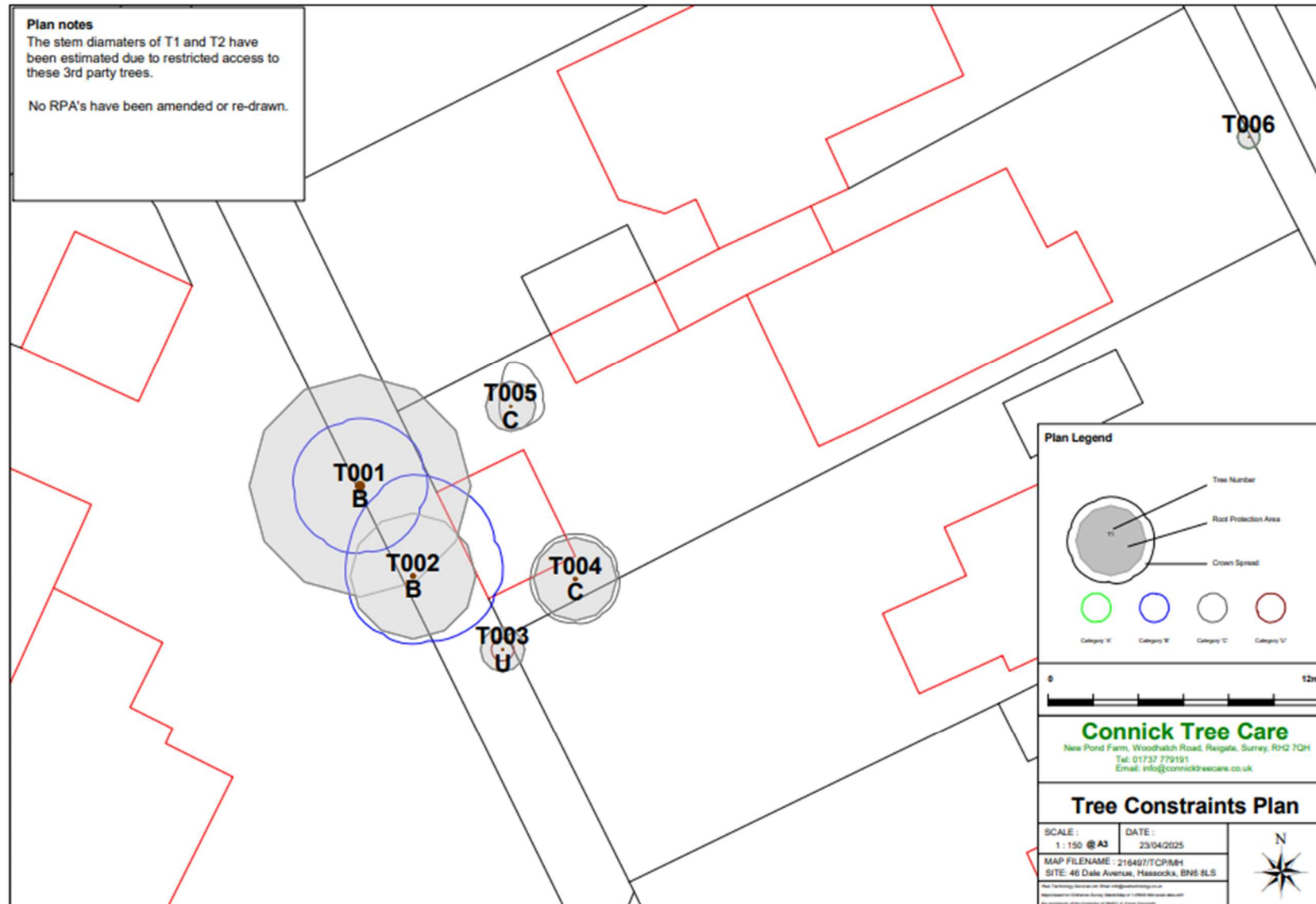
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Ref.	Species	Full Structure	Measurements	Survey Notes	Retention Category	RPA	Comments	Measurements2	Recommendations
T005	Flowering cherry (<i>Prunus Serrulata</i>)	Tree	Height (m): 2.5 Stem Diam(mm): 90 Spread (m): 2N, 1.5E, 1S, 0.5W Crown Clearance (m): 2 Lowest Branch (m): 2(N) Life Stage: Young Rem. Contrib.: 50+ Years		C	Radius: 1.1m. Area: 4 sq m.	Young tree. Leader previously snapped out	Physiological Condition: Good Structural Condition: Good Public Amenity Value: Low Inspection Limitations: None Bat Habitat: None	
T006	Rowan (<i>Sorbus aucuparia</i>)	Tree	Height (m): 3.5 Stem Diam(mm): 40 Spread (m): 0.5N, 0.5E, 0.5S, 0.5W Crown Clearance (m): 1.5 Lowest Branch (m): 1.5(E) Life Stage: Newly planted Rem. Contrib.: 20+ Years		NotRecorded	Radius: 0.5m. Area: 1 sq m.	Below 75mm dbh recorded for completeness	Physiological Condition: Good Structural Condition: Good Public Amenity Value: Low Inspection Limitations: None Bat Habitat: None	



APPENDIX II

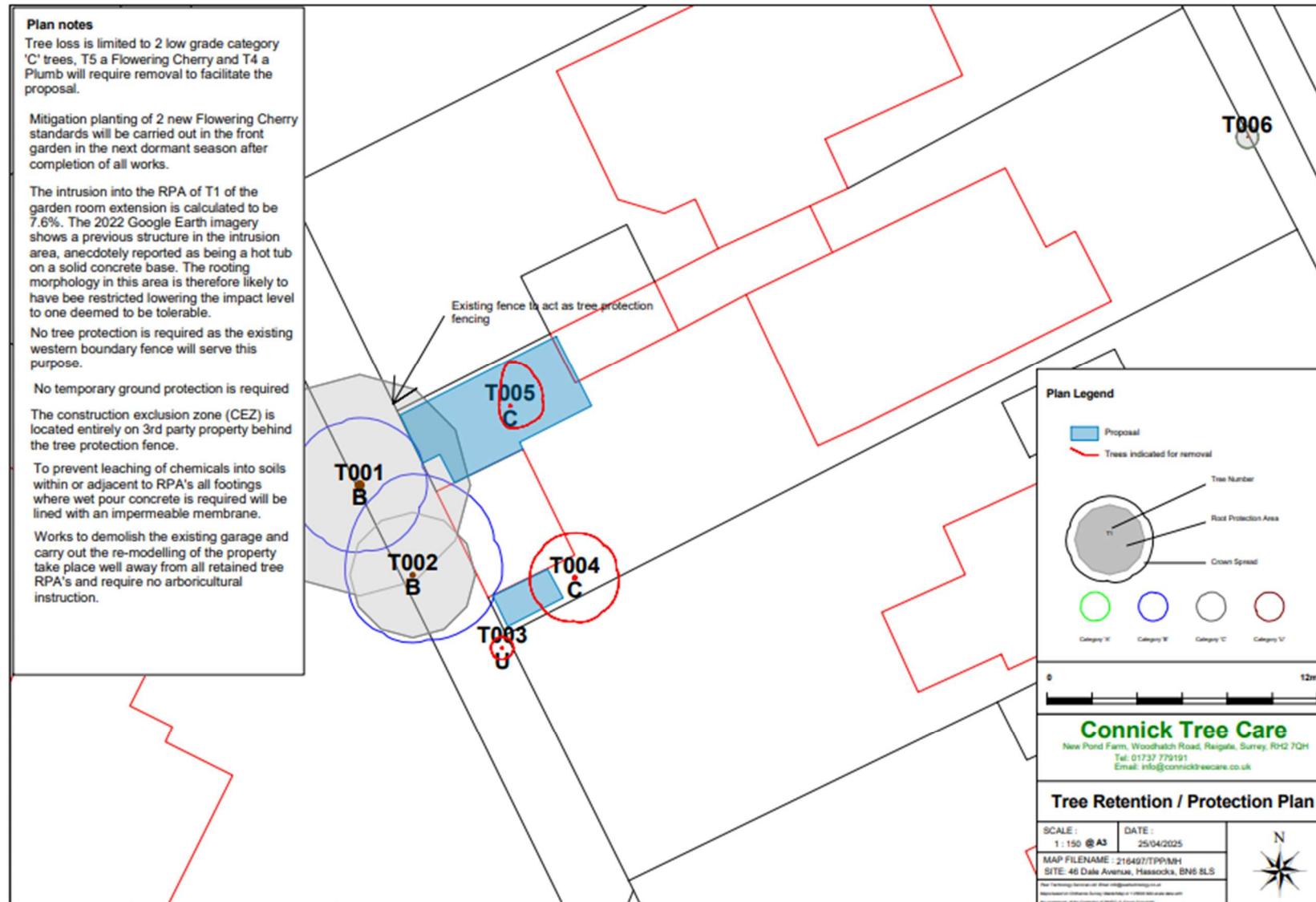
TREE CONSTRAINTS PLAN





APPENDIX III

TREE PROTECTION PLAN





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APPENDIX IV QUALIFICATIONS AND EXPERIENCE

1. QUALIFICATIONS

Subjects	Level	Dates
Chartered Environmentalist	7 Award	April 2024
Professional Tree Inspection (LANTRA)	Pass	August 2017
Environmental Science BSc (Hons)	2:2	1991
NPTC cs30, cs31, cs38, cs39	Pass	From 1988 ongoing

2. CAREER SUMMARY

Beginning in 1988 between college and University I gained my first competency qualification as a working arborist. I went on to study an Environmental Science honours degree at UEA and had my dissertation published by the Forestry Commission under their own research banner. I worked for 8 years as an estates and project manager for University of London and then within design and build development for a large housing association. I returned to Arboriculture and established my own contracting company. A 'hands on' role directing the business and climbing on a daily basis I traded successfully for 19 years. An academic interest in trees steered a change of direction, qualifying as a professional tree inspector. This progression gave me the opportunity to work as an Arboricultural consultant where I have progressed to Principal Consultant at Connick tree care.

I am a professional member of the Arboricultural Association at consultant level. I am also a Chartered Environmentalist, awarded as a recognition of my professional contribution towards the wider environment at post graduate level.

3. AREAS OF EXPERTISE

Tree hazard risk assessments for tree owners
Decay assessment and mapping
Tree management reports to prioritise maintenance programs
Diagnosis of tree disorders
General Arboricultural advice
Trees in relation to subsidence
Arboricultural surveys to BS5837