



Arboricultural Impact Assessment, Method Statement and Tree Protection Plan at 2 Paddock Walk, Burgess Hill.

Introduction

PJC Consultancy were instructed to provide an arboricultural impact assessment and method statement to accompany a planning application to construct an extension onto the rear of 2 Paddock Walk. This survey and report have been produced in accordance with the recommendations of BS5837: 2012.

Initial tree survey

The tree survey was undertaken on 29th April 2025. Four mature hornbeams assessed to be BS5837 tree category B2 were recorded. These are offsite trees located to the south of the garden for 2 Paddock Walk, beyond a small drainage ditch. The trees have previously been reduced in height and laterally (north side only) to facilitate the construction of 2 Paddock Walk.

Arboricultural impact assessment

Initial tree works: No tree removals or access facilitation pruning are required to facilitate construction of the extension.

Impact on root protection areas: The proposed extension will sit a significant distance from the root protection areas of all four hornbeams. There should be no impact on the root protection areas provided the tree protection fencing is installed and the construction exclusion zone is observed during the construction period as described in the arboricultural method statement.

Arboricultural method statement

The root protection areas of the hornbeams must be left free from disturbance and protected from contamination or compaction during the proposed works. Protection shall comprise of the formation of a construction exclusion zone by installing tree protection fencing.

The tree protection fencing shall be installed and signed off by the project arboriculturist before any plant activity, ground works or construction activities commence at the site. It shall be maintained in situ until all construction activities in the vicinity have been completed, and excess construction materials and plant machinery have been removed from site. Any damage that occurs to the tree protection fencing during the construction period must be rectified immediately, prior to other construction activities recommencing in the vicinity.

The specification for tree protection fencing shall be metal welded mesh panels (e.g. Heras panels), in concrete or rubber feet. The panels shall be supported by metal stabiliser struts mounted on either a base plate secured by ground pins, or in a block tray (refer to tree protection plan). Any variation from this specification for tree protection fencing shall be agreed with the project arboriculturist.

Signs shall be affixed to the fencing as shown on the tree protection plan to explain its purpose. The signs shall be affixed at a reasonable size and frequency to ensure they are easily visible to operatives at the site.

The area protected by tree protection fencing (highlighted yellow on the tree protection plan) shall be referred to as the construction exclusion zone. The following restrictions shall apply within the construction exclusion zone:

- No vehicular access shall be permitted.
- No storage of construction materials shall occur.
- No storage of building spoil or construction debris (including short-term temporary stockpiling) shall occur.
- No harmful chemicals shall be stored or handled.
- No fires shall be permitted.
- No excavation including regrading of levels shall occur.

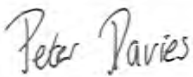
Provision must be taken to prevent the storage and handling of harmful chemicals within the root protection areas of retained trees. Harmful chemicals include fuels, oils, bitumen, builder's sand (which has a high salt content) and cement.

Cement mixing shall always occur outside the construction exclusion zone. If cement mixing is to occur close to the construction exclusion zone, or there is the potential for cement washings to leech into a root protection area, adequate, bunded ground protection measures must be used. This could comprise impermeable plastic sheeting under wooden boards (to prevent tears) surrounded by a raised lip.

All other chemicals that are harmful to trees must be stowed in suitable containers and stored away from the construction exclusion zone unless adequate, bunded ground protection measures are implemented to prevent spillages leeching into root protection areas.

If you have any queries regarding the above, please don't hesitate to contact me.

Yours sincerely



Peter Davies
FdSc Arboriculture M.Arbor.A
Arboriculturist

Site: 2 Paddock Walk

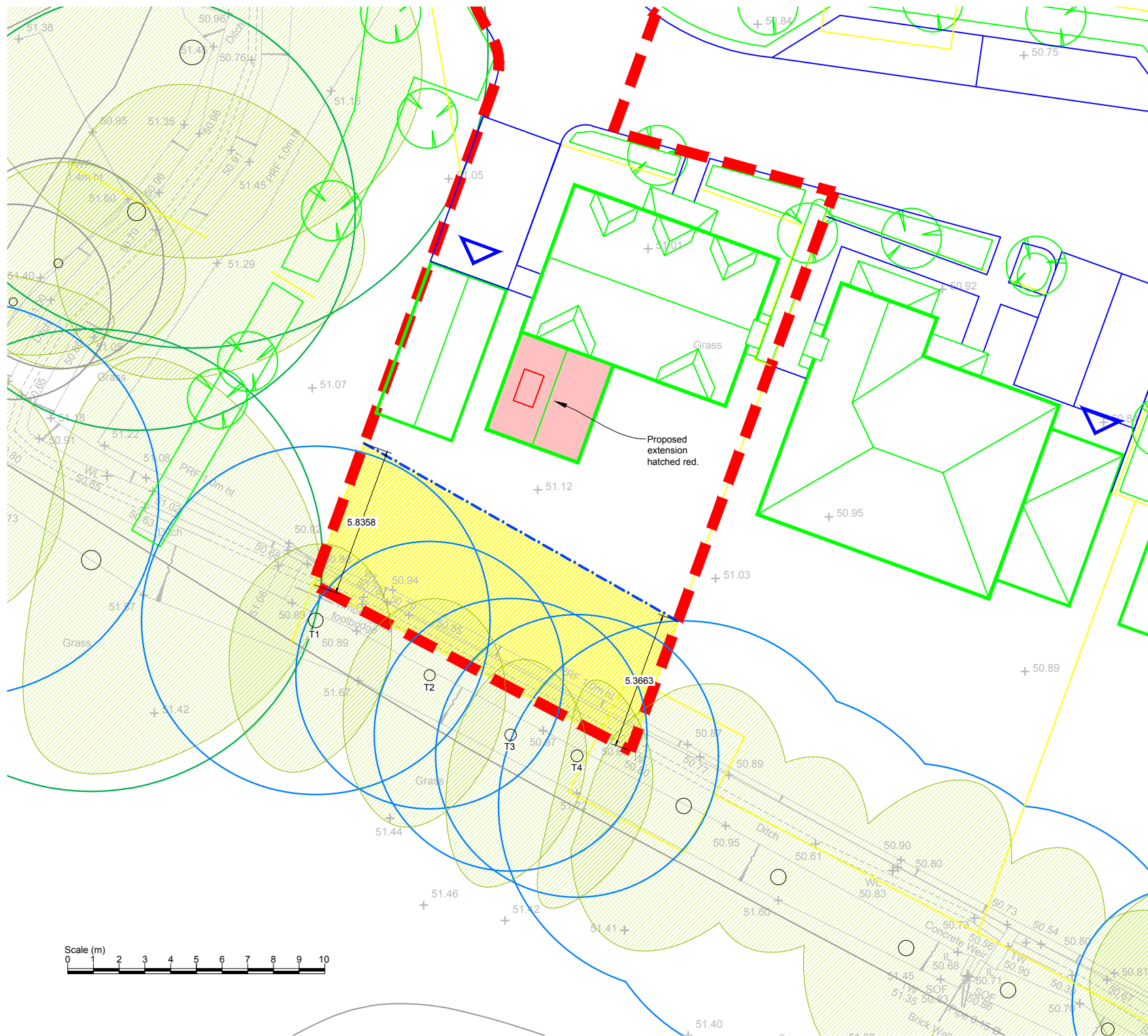
Survey date: 29/04/2025

Surveyor: Peter Davies

Tree Survey Schedule



Tree ref.	Species	Height (m)	Stem diameter (mm)	Branch spread (m)	Crown clearance (m)	Age class	Physiological condition	Structural condition	Comments	Management recommendation	Category grading	Root Protection Area (m ²)	Root Protection Radius (m)
T1	Hornbeam (Carpinus betulus)	10	330, 450, 100	N: 3 E: 3 S: 6 W: 3	Crown: 1 north Branch: 0 average	Mature	Good	Fair	Offsite tree. Previously reduced in height and reduced laterally over site. No major visible defects.	No action required.	B2	145.4	6.8
T2	Hornbeam (Carpinus betulus)	10	430	N: 3 E: 3 S: 6 W: 3	Crown: 0 south Branch: 2 south	Mature	Good	Fair	Offsite tree. Previously reduced in height and reduced laterally over site. No major visible defects.	No action required.	B2	83.7	5.2
T3	Hornbeam (Carpinus betulus)	9	350, 190, 140, 140	N: 3 E: 3 S: 6 W: 2	Crown: 0 average Branch: 1 average	Mature	Good	Fair	Offsite tree. Previously reduced in height and reduced laterally over site. No major visible defects.	No action required.	B2	89.5	5.3
T4	Hornbeam (Carpinus betulus)	8	250, 190, 220, 250	N: 3 E: 3 S: 6 W: 0	Crown: 1 average Branch: 1 average	Mature	Good	Fair	Offsite tree. Previously reduced in height and reduced laterally over site. No major visible defects.	No action required.	B2	94.8	5.5



Key:

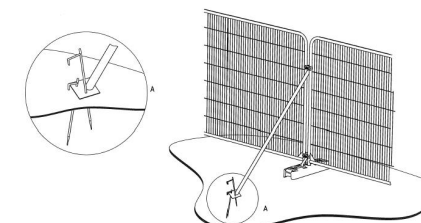
- Root protection area for category A* tree
- Root protection area for category B* tree
- Root protection area for category C* tree
- ▨ Tree canopy
- - - Tree protection fencing
- ▨ Construction exclusion zone

* Tree categorised in accordance with BS 5837:2012 'Trees in relation to design, demolition and construction - Recommendations'.

Tree survey schedule contains further information for each tree.

This drawing should be viewed in colour.

Specification for tree protection fencing:



a) Stabilizer strut with base plate secured with ground pins

Tree protection fencing sign:



Drawing no: PJC/6847/25/B Rev: - Sheet number: 1 of 1

Client and site:
Mr & Mrs Yates

2 Paddock Walk
Burgess Hill
RH15 0YZ

Drawing title: Tree Protection Plan

Date drawn: 30/04/2025

Scale: 1:200 at A4

Drawn by: PD

Checked by: LW



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