

**KEY**

T1	Tree/Group number	Tree position with canopy spread of BS5837 category A1, A2 or A3 tree	Tree position with canopy spread of BS5837 category B1, B2 or B3 tree	Tree position with canopy spread of BS5837 category C1, C2 or C3 tree	Tree position with canopy spread of BS5837 category U tree	Tree or group to be removed	Radially modelled Root Protection Area (RPA) as per BS5837:2012	Heras panel based tree protection barrier as per BS5837:2012 (see Fig 1 below)	Extent of proprietary ground protection sheets Live EuroMat at 2.4x1.2m or similar	Extent of root pruning trench (see below for details)
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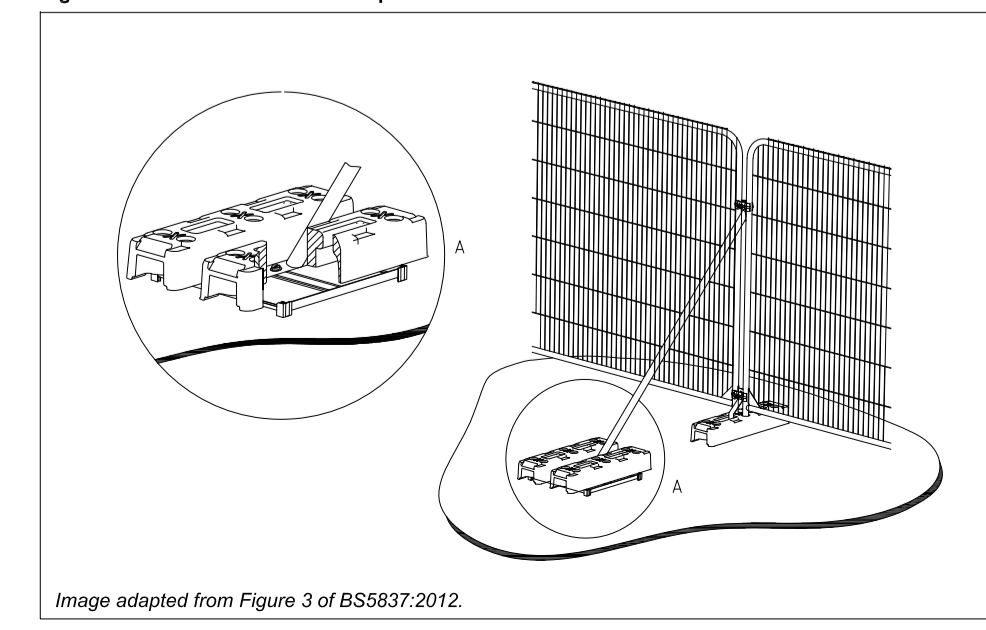
**Arboricultural Method Statement & Checklist**  
(To be maintained as a record of compliance by the appointed arboriculturalist and project manager.)

Phase	Description
PHASE 1 - Pre-commencement	1.1 The project manager must appoint an independent arboriculturalist to oversee the project, troubleshoot tree issues and to confirm the implementation of this method statement. This person must be an arboriculturalist as defined within BS5837:2012 and they must also be contractually engaged to act on all of the following requirements.
	1.2 Prior to commencement of any further activity on site, the project manager must arrange and effect a pre-commencement meeting with the arboriculturalist to review the final design and construction plan, to confirm the suitability of this method statement, the practicality of tree protection measures and the scheduling of site visits. If necessary, this document will be updated and resubmitted to all parties (e.g., if the construction phasing is long, the works teams small and the intensity of traffic minimal then tree protection may be revised appropriately).
<b>Phase 1 must be fully signed off prior to beginning of Phase 2.</b>	
PHASE 2 - Tree Work	2.1 The tree work listed in the tree survey schedule (below right) must be completed as specified (unless it is agreed to be deferred in the pre-commencement meeting).
	2.2 If identified as necessary during the pre-commencement meeting, the project manager and the arboriculturalist must agree the maximum extent of any access facilitation pruning for construction. This specification will be limited in all cases to small secondary branches and no final pruning cut should exceed 25mm in diameter. The arboriculturalist must confirm the pruning points in an annotated photograph as part of the final specification issued to contractors. All works must comply with BS 3998:2010.
	2.3 Should any further tree work become necessary as a result of unforeseen construction related circumstances, the project manager agrees to instruct the arboriculturalist to agree a works specification with South Norfolk District Council in writing prior to implementation. All works must comply with BS 3998:2010.
<b>Phase 2 must be fully signed off prior to beginning of Phase 3.</b>	
PHASE 3 - Tree Protection	3.1 The project manager must ensure that all tree protection barriers and ground protection panels are installed as shown in the adjacent tree protection plan prior to commencement of the development (if agreed in the pre-commencement meeting, this specification can be adjusted to reflect the scale of the proposed construction team and the areas used during construction). Additionally, if the proposed new boundary fence is to be completed early in the development, this can constitute a sufficient tree protection barrier. Subsequently, the project manager must notify the appointed arboriculturalist upon the completion of the installation.
	3.2 The arboriculturalist will undertake a site inspection within 24 hours of notification of the above to confirm and record that all tree protection measures are correctly positioned and fit for purpose. The arboriculturalist must promptly issue written confirmation of the correct installation of tree protection measures to South Norfolk District Council.
	3.3 The project manager is responsible for maintaining the functionality of all tree protection for the duration of the project. In the event that any other tree protection element has to be moved for any reason, the project manager must first agree the adjustment with the arboriculturalist.
<b>Phase 3 must be fully signed off prior to beginning of Phase 4.</b>	
PHASE 4 - Construction	4.1 Excavations for the foundation of the proposed new cart lodge must be preceded by the excavation of a 300mm wide root pruning trench to the outer periphery of the footprint as shown adjacent (in blue with a blue cross hatch) to the same depth as the intended foundation. These excavations can be undertaken initially using an excavator equipped with a toothless bucket until roots are encountered at which point the remainder must be hand dug. All revealed rooting smaller than 25mm in diameter can be pruned back to the external face of the trench using a sharp hand saw or bypass loppers. Where larger roots (or dense clumps of smaller roots) are revealed, the appointed arboriculturalist must make the final decision on their significance with a presumption in favour of their retention beneath the foundation where practical. In the unlikely event that larger roots (e.g., >75mm) are revealed, they must be retained and accommodated beneath the foundation with an appropriate shoring technique that allows for secondary thickening of the root over time.
	4.2 Once the root pruning trench has been completed, the remaining excavation can be undertaken and the rest of the development completed.
<b>Phase 4 must be fully signed off prior to beginning of Phase 5.</b>	
PHASE 5 - Completion	5.1 Upon completion of the project and after construction and vehicle movements of site have finished the project manager will ensure the removal of all tree protection. The project manager will then notify the arboriculturalist of its removal.
	5.2 The arboriculturalist must undertake a final site inspection within 48 hours of notification of the above. The condition of the trees must be cross referenced with the initial surveys with any discrepancies noted and photographically recorded where appropriate.
	5.3 Upon completion of the project, the arboriculturalist must produce a final report confirming compliance with this method statement and/or documenting any deviations from its requirements. This report must incorporate a full record of the signing off of each of the elements within this method statement. The impact of the development on the trees will be summarised and where appropriate the report must propose any final amelioration or mitigation works that are necessary including works to anticipate future conflicts. This report will be submitted to the project manager and South Norfolk District Council.

**Tree Survey Schedule (undertaken on 13.01.2023 by TS)** - An explanation of the survey terms and assessment limitations can be found at [www.ravencrofttrees.co.uk/wp-content/uploads/2019/04/Schedule-Key2019.pdf](http://www.ravencrofttrees.co.uk/wp-content/uploads/2019/04/Schedule-Key2019.pdf) and the general constraints and limitation of this survey and assessment can be found at [www.ravencrofttrees.co.uk/consultancy/terms-and-conditions/](http://www.ravencrofttrees.co.uk/consultancy/terms-and-conditions/)

Tree ID	Common Name	Botanical Name	Height (m)	Calc. / Actual Stem Dia. (mm)	Spread (m)				Height (m) & Orientation of First Significant Branch	Avg. Canopy Height (m)	Life Stage	General Observations	Preliminary Recommendations	Estimated Remaining Contribution (Years)	BS5837: 2012 Category	RPA Radius (m)	RPA m²
					N	E	S	W									
T1	Golden Weeping Willow	Salix x sepulcralis 'Chrysocoma'	14	920	11	9.5	11	9	S - 3	0.5	Mature	No significant visible defects	Undertake facilitation pruning of the northwest canopy overhanging to the footprint.	40+ Years	A1	11.0	383
T2	Rowan	Sorbus aucuparia	4	130	5	3	0.5	4	N - 2	2	Semi-mature	Suppressed by adjacent Willow. No significant visible defects	Fell to ground level and grind stump to approx. 200mm below existing grade. Backfill void with grindings or as preferred.	20+ Years	C2	1.6	8
T3	Domestic Apple	Malus domestica	5	280	5	3	2	2	E - 1.5	2	Semi-mature	Suppressed by adjacent Willow. No significant visible defects	Fell to ground level and grind stump to approx. 200mm below existing grade. Backfill void with grindings or as preferred.	20+ Years	C2	3.3	35
T4	Domestic Apple	Malus domestica	3.5	200	1.5	1.5	2	2	W - 0.5	1.2	Semi-mature	No significant visible defects	No work at this time.	20+ Years	C2	2.4	18
T5	Ornamental Apple	Malus x robusta	5.5	220	4	2.5	4	3	S - 0.5	2	Semi-mature	No significant visible defects	No work at this time.	20+ Years	C2	2.6	22
T6	Laburnum	Laburnum anagyroides	4	200	1	0.5	1	0.5	S - 0.5	2	Semi-mature	No significant visible defects	No work at this time.	20+ Years	C2	2.4	18
T7	Domestic Apple	Malus domestica	2.5	70	1.5	1.5	0.5	1.5	N - 0.2	1	Young	No significant visible defects	No work at this time.	20+ Years	C2	0.8	2
H1	Beech	Fagus sylvatica	2	70	0.3	0.3	0.3	0.3	N - 0	0	Semi-mature	No significant visible defects	Fell to ground level and grind stumps to approx. 200mm below existing grade. Backfill void with grindings or as preferred.	20+ Years	C2	0.8	2

Figure 1 - Tree Protection Barrier Specification



Revision History:

PROJECT: Proposed double garage - Barn Cottage / Great Barn, Holverston

TITLE: Arboricultural Method Statement

SCALE: 1:50 @ A1

DATE: 09.11.2023

PROJECT NUMBER: MOOR/HOL/AMS/01

DRAWN BY: TS

CHECKED: N/A

DRAWING NUMBER: 260123/02

REV: A

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