

EVALUATION OF PROPOSED TREE REMOVAL

Hedge H2 (Lawson cypress) will require removal to facilitate the proposal. The removal of this small hedge would be mitigated with new replacement planting of three fruit trees in another area of the garden.

Trees T3 and T4 (Leyland cypress) and S10 (mixed shrubs) will require removal from adjacent to the west boundary, to facilitate the construction of the proposed gym/ garden room. It is proposed to replace these trees/shrubs by gapping up the existing hedge, to form a continuous native hawthorn hedge along the boundary. The replacement native hedge species will provide a greater range of wildlife benefits than the existing ornamental species.

PROPOSED CONSTRUCTION WORK IN THE ROOT PROTECTION AREA (RPA)

The proposed building will be located in the RPA of tree T1. The tree is currently surrounded by hard surfaces and existing structures. The existing site conditions make it difficult to determine the likely spread of roots within the site. On that basis we would advise that a trial pit is carefully hand excavated to check for the presence of roots along the line of the proposed foundations. This would allow an assessment of the proposed foundation design in relation to the RPA. If the assessment uncovers roots which must be retained, then specialist foundation design should be considered, e.g. pile and beam foundation to bridge over any areas of retained roots.

Proposed tree removal to facilitate development

Tree No.	Species	Proposed Works	Category
H2	Lawson cypress	Removal	-
T3	Leyland Cypress	Removal	C2
T4	Leyland Cypress	Removal	C2
S10	Mixed shrubs	Removal	C2

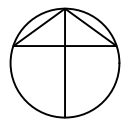
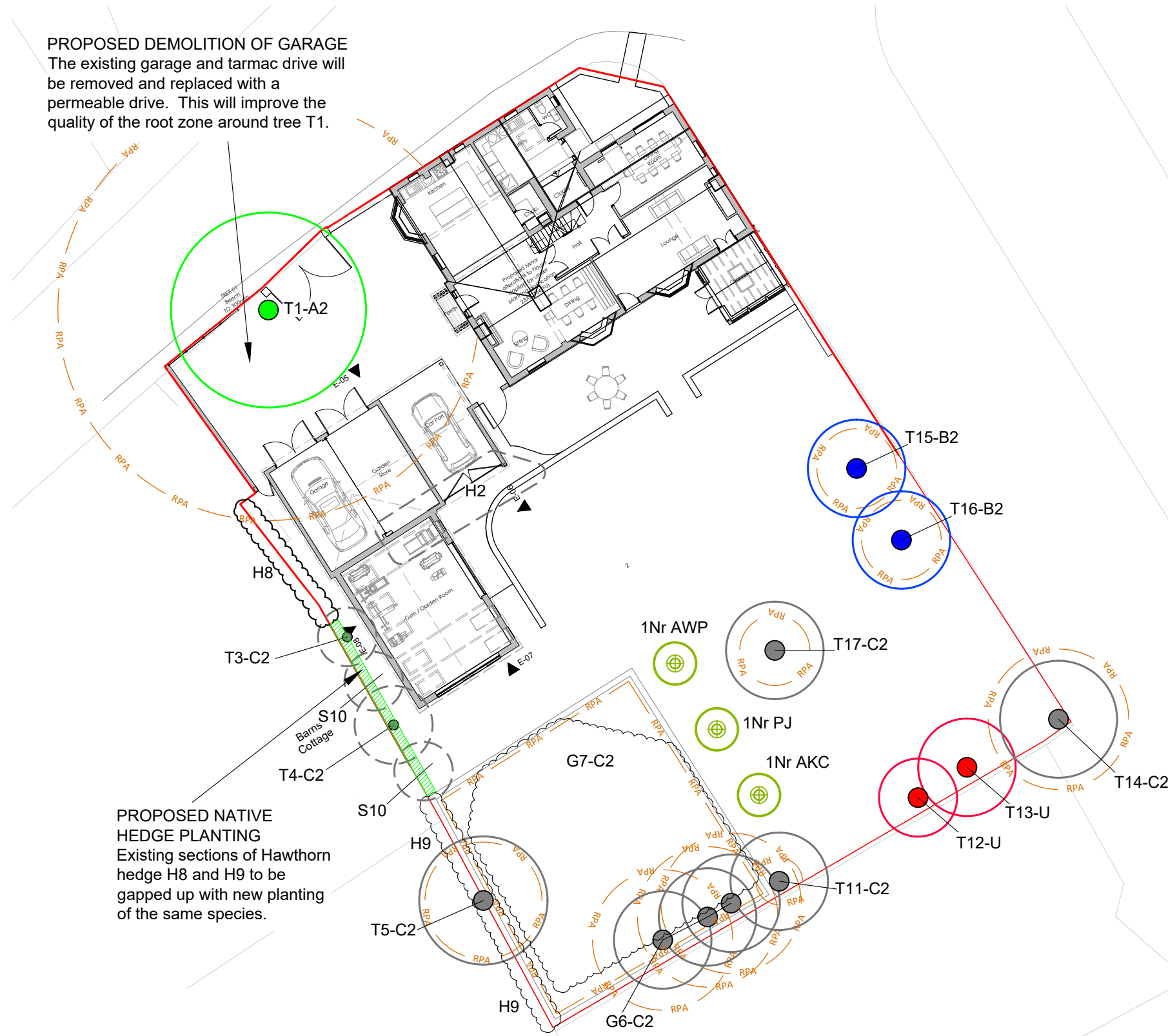
Proposed tree removal due to poor condition

These trees are recommended for removal for management reasons, irrespective of the planning application.

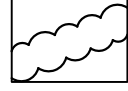

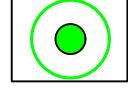
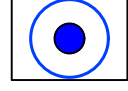
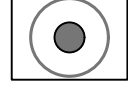
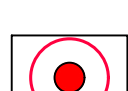

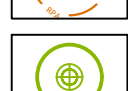
Tree No.	Species	Proposed Works	Category
T12	Laburnum	Removal	U
T13	Rowan	Removal	U

Schedule of proposed tree planting

Tree No.	Species	Rootstock
1 PJ	Plum - Jubilee	St. Julien A
1 AKC	Apple – Keswick Codlin	MM106
1 AWP	Apple – Worcester Pearman	MM106



Key

-  Existing hedge
-  Existing vegetation
-  **Tree retention category A**
High quality with an estimated life expectancy of at least 40 years
-  **Tree retention category B**
Moderate quality with an estimated life expectancy of at least 20 years
-  **Tree retention category C**
Low quality with an estimated life expectancy of at least 10 years, OR young tree with a stem diameter below 150mm
-  **Tree category U**
Poor condition with an estimated life expectancy of less than 10 years
-  **RPA**
minimum Root Protection Area
-  **New Tree planting**
see planting schedule for details

Trees have been surveyed and categorized as per the recommendations and guidance in BS 5837:2012 Trees in relation to design, demolition and construction.

This drawing is to be read in conjunction with the Arboricultural Survey report.

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FOR INFORMATION

Rev.	Date	Comments	Drawn	Chkd
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Project
2 Station Road, Upper Poppleton

Title
Arboricultural Impact Assessment Plan

Project No. SF 3428	Drawing No. AIA01	Rev. -
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Scale 1:250 @ A3	Date 09.06.23
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Drawn by DR	Checked by MS
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