

**7 Sautridge Close,
Middleton**

**ARBORICULTURAL IMPACT ASSESSMENT
AND
METHOD STATEMENT**



Rob Longley
Tree Consultancy

63 Mizzy Road
Cronkeyshaw
Rochdale
Lancashire
OL12 6HL
Tel 07971145529

Email: longleyclan@btinternet.com

24th July 2025

1.0 INTRODUCTION

- 1.1 This document has been prepared by Rob Longley Tree Consultancy on behalf of MS architecture and the client. It provides an Arboricultural Impact Assessment (AIA) and Arboricultural Method Statement in regards to the proposed construction at 7 Sautridge Close.
- 1.2 This document has been collated to include the protection plan, tree constraints plan, tree condition plan and the tree survey undertaken within the last two weeks. The initial tree survey, this document and drawings conform to guidelines contained within British Standard 5837:2012 Trees in relation to design, demolition and construction– Recommendations.
- 1.3 For the purposes of preparing this document the following material was referenced:
 - Site visit and survey
 - Existing and proposed plans and layouts

2.0 ARBORICULTURAL IMPACT ASSESSMENT

2.1 The overall impact of the proposed development on trees is considered.

2.2 This Impact assessment considers the consequences on existing trees situated within and proposed development site, both in terms of quantifying tree loss and the potential impacts of those trees for retention. In addition the relationship between trees being retained and the development layout are considered in regards to issues such as potential space/room for retained trees to develop, light loss, and shading of residential properties.

2.3 Loss of Trees

2.4 The development proposals will require the loss of the following trees:

Tree Reference	Species	Retention Category	Notes
T4	Holly	U	Self seeded fell for development and replace within front garden
H1	Leylandii hedge	U	Fell for development

3.0 Tree Pruning Required

3.1 The recommended pruning comprises of the following:

Tree Reference	Species	Retention Category	Notes

No specific pruning required for the development however for health and safety it is advisable to undertake the recommended works in the survey schedule

4.0 Special working methodologies required

4.1 The recommended special working methodologies required comprises of the following:

Tree Reference	Species	Retention Category	Notes

No specific special working methodologies required however care must be taken not to disturb the ground which is raised by T1 and T2. A retaining wall backfilled would be appropriate to finish on the outside of this raised area

5.0 Shade and growth constraints from existing trees

- 5.1 There are no trees on site with the potential to affect available light levels due to the nature of the new construction use, however it is considered generally that the orientation of the space and the distance between trees and dwellings will be deemed adequate to maintain suitable availability to light. Pruning to trees in close proximity or potentially causing shading to dwellings has been covered in point 3.0.

6.0 Impacts on off-site trees

- 6.1 No trees within neighbouring properties will be affected by the proposed development.

7.0 Conclusion

- 7.1 The proposals should have no direct impact on trees that are to remain. The trees proposed for removal are of low value, however the replanting of the lost tree will compensate for its removal and increase aesthetics to the front of the house. The pruning recommendations are remedial and will improve the aesthetics and health of the trees.

The root protection area has been reduced to the edge of the grassed area as it is not viable ground underneath the driveway and existing gravel area which I have been told has an underlying concrete base. This work has been undertaken more than ten years ago and it would appear that some of the roots have been severed at this time and this can be seen at the extremities of the green area. The tree looks in good health and due to the time elapsed appears to have coped with this loss and expanded root growth within the grassed area. I have therefore moved the root protection area to exist wholly within the grassed area and shown the protective fence to cover this area. This fencing should not be moved once construction begins in my understanding that the drawing and proposed is outside this area and it is the roofline which is shown to encroach. Access for fixing the roof should be undertaken from the roof or else ground protection would need to be provided to the root protection area as shown in the appendix to protect the tree roots from compaction.

8.0 ARBORICULTURAL METHOD STATEMENT

- 8.1 The Arboricultural Method Statement (AMS) specifies all measures to be undertaken to ensure the ongoing health and viability of trees to be retained.
- 8.2 This AMS is in compliance with British Standard 5837: 2012 Trees in relation to design, demolition and construction– Recommendations.
- 8.3 The AMS must be considered a 'working document'. It must be made available to the developer, site manager, and LPA. A copy of this document, and the Tree Protection Plan must be kept on the development site at all times. All site operatives must be briefed on the main contents of this document.
- 8.4 The method statement details the required construction practices to be followed to ensure the adequate protection of trees to be retained. It must be read in conjunction with the Tree Protection Plan (4079.07). The Method Statement provides general recommendations (sections 8.0 to 10.1) then details site specific issues (section 11.0 Phases 1 to 6).

8.5 Tree Works –General Issues

- 8.6 All tree/vegetation works are to take place prior to any site operations and immediately before the installation of protective fencing.
- 8.7 All works to the existing trees are to be carried out by a fully qualified tree surgeon and in accordance with BS 3998 (2010) *Recommendations for Tree Work*.
- 8.8 The necessary tree surgery works, or removal of vegetation should be carried out **before** any construction work starts and immediately before erection of protective fencing. Any works will include any trees that require removal in order to facilitate construction. No tree works must be carried out unless permission is provided by the local planning authority. Tree works to any protected trees (trees within a Conservation Area or subject to a Tree Preservation Order) that do not require works to directly enable the development to proceed will require a notification/application to be made to the Local Planning Authority. Any tree works required in order to directly facilitate the development to proceed (such as tree felling) must not proceed unless full planning consent and written consent is given by the local planning authority.
- 8.9 Wildlife issues and timing of operations. The following must be observed:

Bats. Under current legislation it is an offence to 'intentionally or recklessly disturb a bat' or 'damage, destroy or block access to the resting place of any bat' (Countryside and Rights of Way Act 2001 and further strengthened by other legislation). Where work is being carried out and bats are present, or if the tree is a known roost, consultation must be made with the Statutory Nature Conservancy Organisation (Natural England www.naturalengland.org.uk). A European Protected Species Habitat Regulations Licence is likely to be required. Work to trees with the potential for roosting bats is best done from late August to early October. March through to April is also suitable although this may conflict with nesting birds (see below).

Birds. It is also likely to be an offence to kill, injure or take any wild bird; or take, damage or destroy the nest of any wild bird while it is in use or being built. Therefore work likely to disturb nesting birds should be avoided from late March to August.

9.0 **Method Statement – General Issues:**

- 9.1 Protective fencing must be erected **prior to any site operations**. To give the best chance of continued good health of the retained trees, it will be essential to prevent root severance or compaction of the soil in the Root Protection Area. A stout fence shall be erected at the position shown on the Tree Protection Plan, comprising a braced scaffold frame with steel mesh panels securely attached (eg Heras). Mesh is preferred to boarding as it can be seen through and should be re-useable. A detail from BS5837 is attached (Appendix A). Once in place, the fence must be regarded as sacrosanct with no storage of materials/spoil or access by machinery within the protected area. The fencing shall be regularly inspected by the site agent and maintained in full condition.
- 9.2 Developers should enforce the methods of protection identified within the statement. All contractors must also agree to them. Any failure to comply with them must be dealt with by the developer. Any damage that may occur to trees due to failure to observe the method statement must be reported to the Local Planning Authority and arboricultural advice must be sought.
- 9.3 No pruning, lopping, felling or severance of roots is to take place without prior consent of the local authority or unless in compliance with specifications included within the Method Statement.
- 9.4 The ground levels within the protected fenced area must neither be **raised nor reduced**.
- 9.5 No ropes, cables, services, or notice boards shall be fixed to existing trees.
- 9.6 Fires should not be permitted, or else not lit where flames could extend to within 10m of the foliage, branches or trunk.
- 9.7 Should temporary access within the Root Protection Area be required that is not included within the method statement, an agreement, in advance, with the consultant and the LPA must be made. The fence may need to be re-aligned and the ground surface protected. For vehicular access this protection will need to be specifically detailed and agreed.
- 9.8 Care must be taken in regards to tall or wide loads, or use of plant with booms, jibs and counterweights. Where machinery may be required to operate in the vicinity of trees a banksman must ensure that no direct physical damage is caused to trees. It must be checked that any materials or vehicles entering the site are able to do so without causing damage to adjacent trees.
- 9.9 Any material that will contaminate soil (e.g. concrete mixings, and vehicle washings) must not be discharged within 10m of any tree stem. If diesel and fuel containers are used or stored on site they must be kept within a plastic container bund to prevent any ground contamination and spill kits must be kept available to remediate any spillage).
- 9.10 Where trenching may be required for the placing of underground services all works must adhere to Volume 4: NJUG Guidelines for the Planning, Installation and Maintenance of Utility Apparatus in Proximity to Trees (NJUG4). National Joint Utilities Group, 2007.
- 9.11 **Arboricultural monitoring**
- (i) The arboricultural consultant (or local authority Tree Officer) shall be consulted whenever an unexpected issue occurs that involves any retained tree on site including access within the Protection Area.
 - (ii) No amendments shall be made to the methods detailed in this Arboricultural Method Statement without the agreement of the consultant or local planning authority Tree Officer.
 - (ii) If the site agent is at all unclear about exact compliance with any of the above requirements, or if requested by any other party, then a pre-start meeting shall be arranged with the architect, site agent, local authority tree officer and arboricultural consultant in attendance as necessary.

10.0 Health and Safety Issues

- 10.1 All operations must be carried out with full regard to Health and Safety requirements. Due to the diverse nature of recommendations included (e.g. tree surgery works, construction etc) it is necessary that supervisors of those undertaking recommended operations undertake risk assessments prior to starting the relevant works. It should be the Site Managers/developers responsibility to ensure that risk assessments are submitted prior to undertaking relevant works.

11.0 METHOD STATEMENT SCHEDULE

- 11.1 The following schedule details site specific requirements that must be followed. The Tree Protection Plan should be referenced in relation to the recommendations below. Where phase numbers are colour coded this relates to the relevant colour on the Tree Protection Plan.

Phase	Requirements (refer to TPP 4272.02)	Trees affected	Method
1 Prior to erection of protected fencing.	Trees to remove  Trees to prune 	T4 T1, T4	Fell trees according to BS 3998 (2010) removing all arising's from site. Prune trees according to BS 3998 (2010 as specified on page 4-5 AIA section point 3.1).
2 Prior to any development works	Erection of tree protective fencing  Fencing (above)	T1 T2	Protective fencing is to be erected in accordance with BS5837 (2012) shown in Appendix A of this document. The fencing must comply with the positions shown in the Tree Protection Plan. Where excavations into the RPA are necessary, the fence maybe relocated to the new RPA edge under supervision from the Arboriculturalist.
3 Prior to any development works	Implementation of Cellular confinement systems	None	The installation of a cellular confinement system (CCS) may be required to provide vehicle and pedestrian access within areas that are subject to root incursion specified on page 5-6 AIA section point 4.1).Appendix C provides a product example of CCS, but actual product type should be implemented according to highway engineer's specifications.
4 Prior to any development works	Excavations Within RPA's	None	Excavations within RPA's should be should be completed using hand tools only under supervision from an Arboriculturalist in accordance with BS5837-Section 7.2.3 Avoiding physical damage to the roots during demolition or Construction (See Appendix B).

			Any roots encountered should be retained by being redirected back into the remaining RPA if possible.
5 Main Construction to proceed	Main construction works	Various	The main section of construction works may proceed
6 After Construction is complete	Removal of protective fencing on completion of main development	Various	Dismantle protective fencing.

9.0 Site monitoring and supervision

9.1 This is to be undertaken by the appointed Arboriculturalist at set intervals to maintain the following actions are satisfactory and where relevant at the discretion of the LPA:

- Trees removed or pruned due to condition and development
- Erection of protective fence
- Hand digging areas within RPA's
- Implementation of Cellular Confinement System's (CCS)

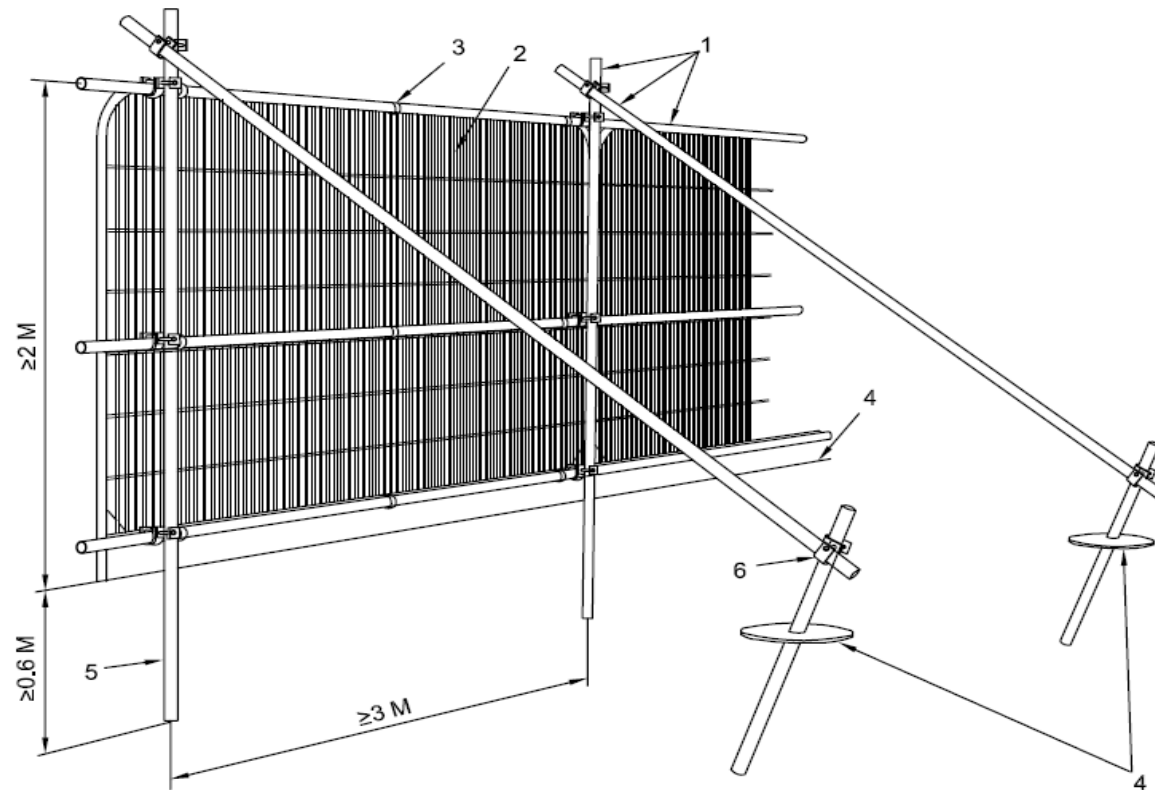
Date	Comments	Developer	Arboriculturist

APPENDIX A – FULL PROTECTIVE FENCING SPECIFICATION BS5837 2012

BS 5837 (2012) Tree Protection Fencing

NOTES

- | | | |
|--|---|--|
| 1. STANDARD SCAFFOLD POLES. | 3. PANELS SECURED TO UPRIGHTS AND CROSS-MEMBERS WITH WIRE TIES. | 5. UPRIGHTS DRIVEN INTO THE GROUND UNTIL SECURE (MINIMUM DEPTH 0.6 M). |
| 2. HEAVY GAUGE 2 M TALL GALVANIZED TUBE AND WELDED MESH INFILL PANELS. | 4. GROUND LEVEL. | 6. STANDARD SCAFFOLD CLAMPS. |



Note – Rubber feet are generally accepted by the LPA if driven into the ground using ground pins.

**APPENDIX B – SECTION OF BS 5837 (2012) RECOMMENDATION FOR EXCAVATING WITH HAND TOOLS
WITHIN RPA**

7.2 Avoiding physical damage to the roots during demolition or construction

- 7.2.1** To avoid damage to tree roots, existing ground levels should be retained within the RPA. Intrusion into soil (other than for piling) within the RPA is generally not acceptable, and topsoil within it should be retained in situ. However, limited manual excavation within the RPA might be acceptable, subject to justification. Such excavation should be undertaken carefully, using hand-held tools and preferably by compressed air soil displacement.
NOTE Due to the demands that manual excavation places on a development project, and limitations arising from health and safety considerations, it is not realistic to plan for excavation using hand-held tools where there is a need for trench shoring or grading the sides of the excavation to a stable angle of repose.
- 7.2.2** Roots, whilst exposed, should immediately be wrapped or covered to prevent desiccation and to protect them from rapid temperature changes. Any wrapping should be removed prior to backfilling, which should take place as soon as possible.
- 7.2.3** Roots smaller than 25 mm diameter may be pruned back, making a clean cut with a suitable sharp tool (e.g. bypass secateurs or handsaw), except where they occur in clumps. Roots occurring in clumps or of 25 mm diameter and over should be severed only following consultation with an arboriculturist, as such roots might be essential to the tree's health and stability.
- 7.2.4** Prior to backfilling, retained roots should be surrounded with topsoil or uncompacted sharp sand (builders' sand should not be used because of its high salt content, which is toxic to tree roots), or other loose inert granular fill, before soil or other suitable material is replaced. This material should be free of contaminants and other foreign objects potentially injurious to tree.

CellWeb TRP (Installation Checklist)

Installation of the CellWeb™ Cellular Confinement System within the Root Protection Area of Trees



The following installation checklist can be used on projects where CellWeb™ is being installed as a permanent hard surface, a sub-base, or as temporary root protection during construction works.

The installation procedure can be utilised by the Local Authority (LA) tree officer to ensure that CellWeb™, that is being used for tree root protection, will be effectively installed. Alternatively, it may be more appropriate to request that the installation is certified by arboricultural consultants who are experienced in the installation of CellWeb™ and who can offer installation certification as part of a package endorsed by Geosynthetics.

The completion of the CellWeb™ installation in accordance with this procedure will enable planning conditions to be successfully signed off on completion of the project.

Stage 1 Initial site meeting to assess tree protection requirements in line with the Arboricultural Method Statement (AMS) produced by the developer's arboricultural consultant.

- Check the ground conditions, including the presence of compaction or made ground.
Is any remedial work required, such as the removal of old hard surfaces and rubble or soil decompaction?
- Compare the existing ground levels with the new levels proposed in the development.
Do the new levels allow for the depth of hard surfaces installed with a CellWeb™ foundation without excavation?
Will excavation be required to achieve the proposed levels or to enable site drainage or integration with other water management solutions?
- Assess the suitability of tree protection proposals, including the fencing and ground protection that will be used throughout the demolition and construction phases of development.
Can CellWeb™ be used as ground protection throughout the development period and also form the foundation for final hard surfaces?
Is a temporary CellWeb™ installation needed to enable site access for construction traffic over an area designated as requiring tree root protection?
- Consider how utility service installations can be integrated with the installation of CellWeb™.
Can services be installed before the CellWeb™ is laid, or is it possible to use directional drilling later on in the development?
- Consider how other water management solutions for the site can be integrated with CellWeb™, including porous hard surfaces, drainage and underground storage.
Has a combined and integrated water management plan been designed that considers retained trees?
Do the water management solutions for the site consider the water requirements of retained trees?
Do the storage solutions allow for the slow release of water into areas of the site accessible by tree roots, while also dealing with potential soil pollutants from surface water run-off?
- How are the developers going to ensure that the CellWeb™ is specified and installed effectively?



Geosynthetics

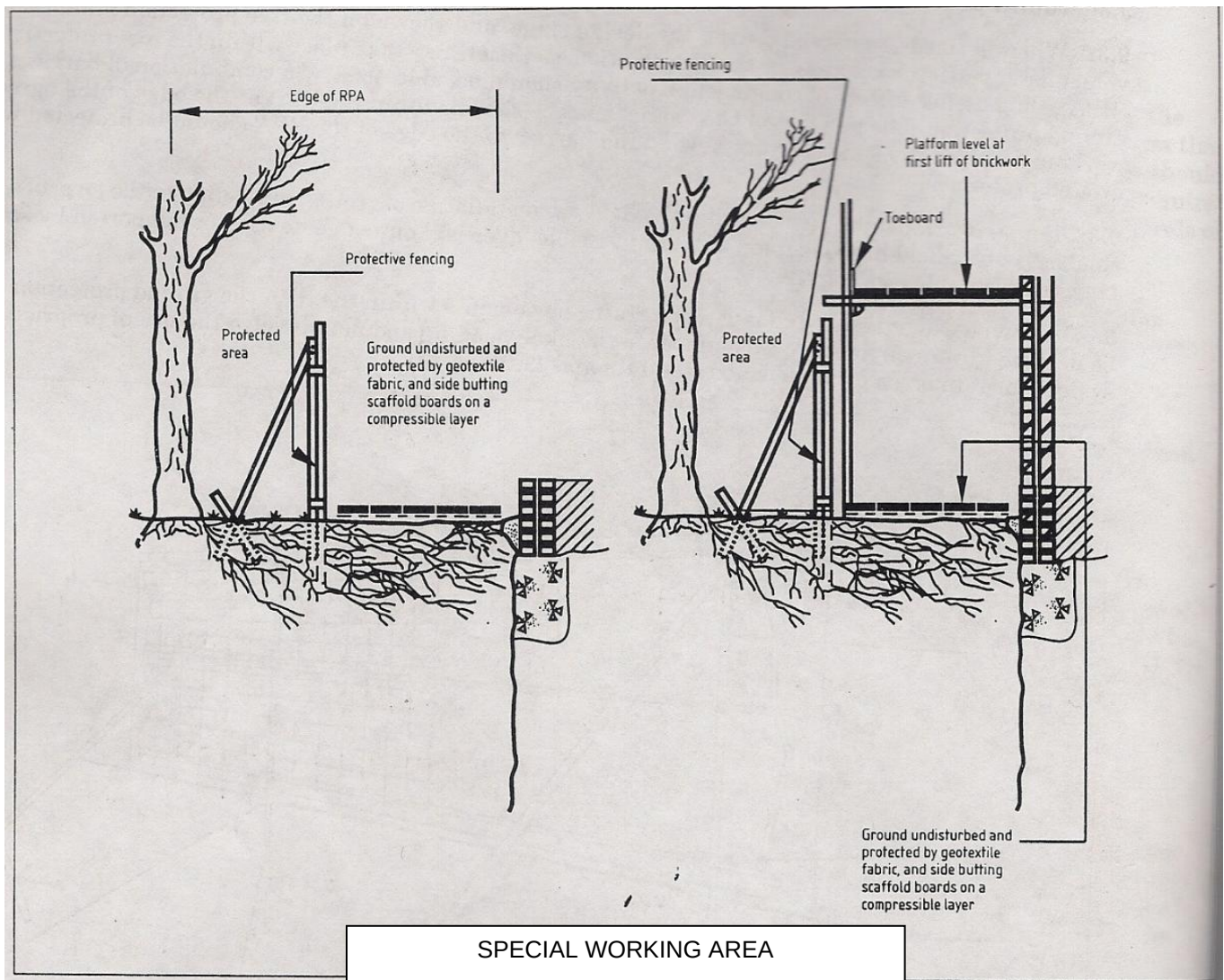
Fleming Road
Harrowbrook Industrial Estate
Hinckley, Leicestershire
LE10 3DU

T: 01455 617 139

F: 01455 617 140

E: sales@geosyn.co.uk

APPENDIX D – SPECIAL WORKING AREA



The special working area is within the Root Protection Area of the tree – it provides room for scaffolding and access for pedestrians only. The tree protection plan shows the position that the special working area is to be used.

[illegible]

