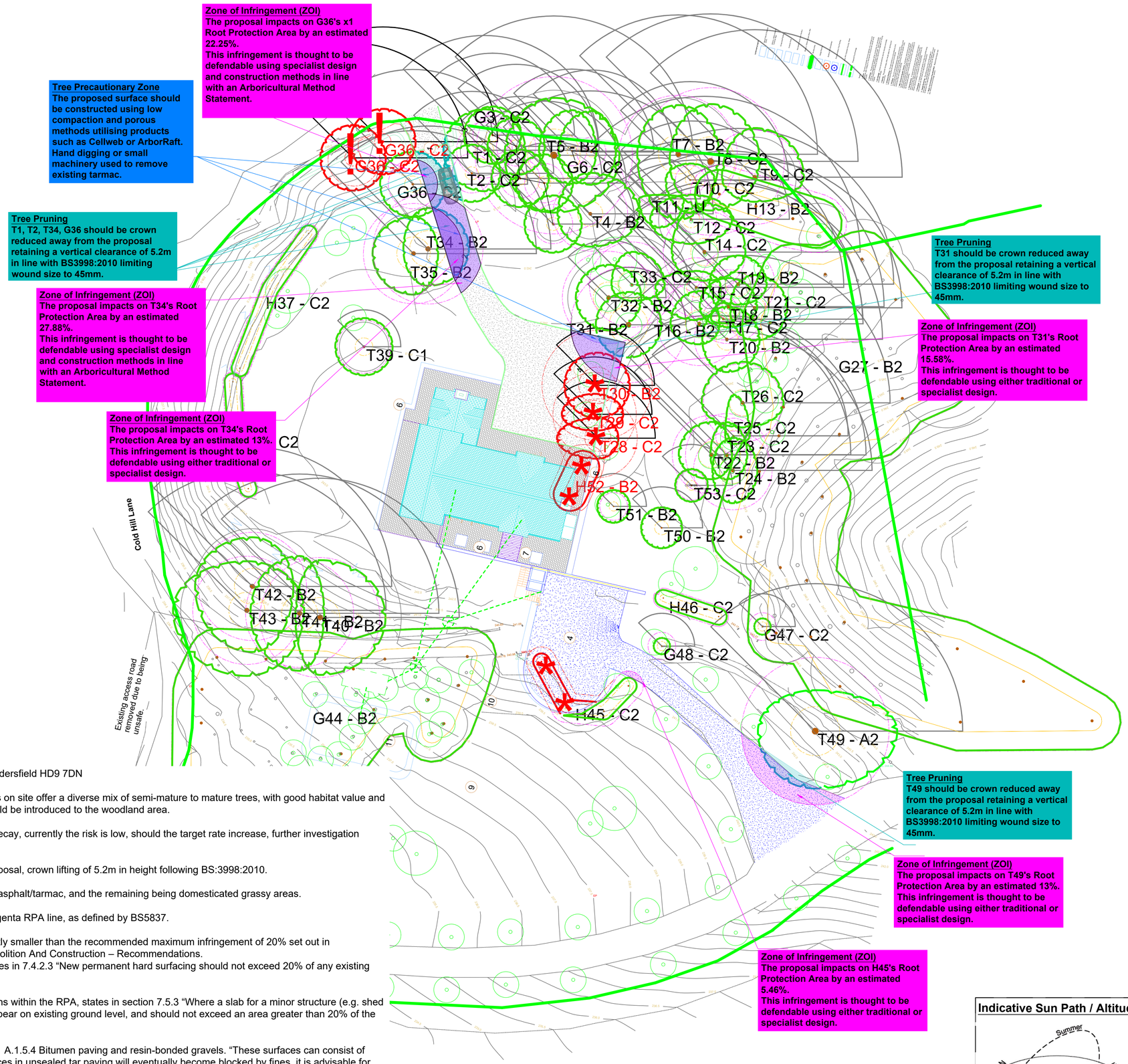


Site Address: Old Biggin Farm, New Mill, Huddersfield HD9 7DN

Arboricultural Impact Assessment: The trees on site offer a diverse mix of semi-mature to mature trees, with good habitat value and aesthetically value, woodland management could be introduced to the woodland area.

T5 Common Beech shows basal cavities and decay, currently the risk is low, should the target rate increase, further investigation should be undertaken.

Pruning is required and associated with the proposal, crown lifting of 5.2m in height following BS:3998:2010.

The current surfacing around the site is mainly asphalt/tarmac, and the remaining being domesticated grassy areas.

The trees circular RPA, represented by the magenta RPA line, as defined by BS5837.

Both figures of the infringements are significantly smaller than the recommended maximum infringement of 20% set out in BS5837:2012 Trees in Relation to Design, Demolition And Construction – Recommendations.
In section 7.4.2, Design Recommendations states in 7.4.2.3 “New permanent hard surfacing should not exceed 20% of any existing unsurfaced ground within the RPA.”

In section 7.5 Special engineering for foundations within the RPA, states in section 7.5.3 “Where a slab for a minor structure (e.g. shed base) is to be formed within the RPA, it should bear on existing ground level, and should not exceed an area greater than 20% of the existing unsurfaced ground.”

The standard also goes on to state in Appendix A.1.5.4 Bitumen paving and resin-bonded gravels. “These surfaces can consist of porous or impermeable material. As the interstices in unsealed tar paving will eventually become blocked by fines, it is advisable for such surfaces to be laid following the same principles as those for impermeable surfaces, therefore its use within the RPA also needs to be restricted to the 20% RPA recommendation (7.4.2.3).”

As a result of the small percentage of infringement within the RPAs, the proposed extension is not expected to significantly affect the condition of the trees, although some root loss is expected. However, this root loss is within acceptable limits as set out in BS5837. The proposed scheme should have only a minor effect upon the tree. Providing appropriate protection during the construction phase can be achieved.

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Tree Management Requirements

Trees to be retained within the scheme and protected in line with the guidelines set out in BS5837.

Tree Group Hedge & Woodland Shelterbelt

- Retained group Canopy
- Pruned group Canopy (segment)
- Group loss to enable the scheme
- Partial group loss to enable the scheme
- Group Root Protection Area (RPA)

Zone of Infringement- (ZOI) Indicated by Magenta shading. Areas of conflict within RPA's of retained trees.

Trees to be retained and protected in line with BS5837 though requiring facilitation pruning. Pruning to be in line with BS3998.

Trees to be removed to enable the scheme to be carried out as proposed. All works to be undertaken in line with BS3998.

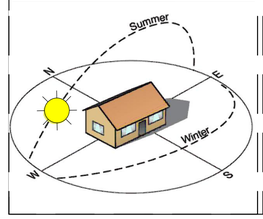
Trees identified as U category requiring management, irrespective of scheme

Notes:
Plan is based upon the supplied topographical Survey Plan. Copies of this plan are available in CAD Formats .dwg & .dxf upon request.

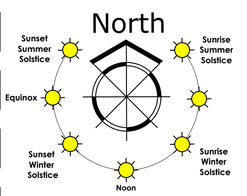
Revision	Description	
A	30/05/2025	First Issue

Client: OneForOne Architecture Ltd
Behalf of: Matt Stephenson
Project: Old Biggin Farm
Title: Arboricultural Impact Assesment
Drawing No: BA25105AIA
Status: P
Scale: 1:250 @ A1
Date: 30/05/2025
Drawn By: JB
Checked: TG
Approved: SB

Indicative Sun Path / Altitude



Indicative Sun Rise / Set



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