

Arboricultural Impact Assessment and Arboricultural Method Statement

The Woodlands – Canterbury Close – Rochdale – OL11 5LZ

Report Brief: MMA Tree Consultancy have been commissioned to produce a BS 5837 Tree Survey, Arboricultural Impact Assessment (AIA) and Arboricultural Method Statement (AMS) in relation to the proposed extensions and alterations to the property of The Woodlands, Canterbury Close, Rochdale, OL11 5LZ.

1 Trees to be removed

1.0 G4 would be removed as part of the project. T10 *should* be removed because it is dead but does not *need* to be removed as part of this project.

2 Trees to be retained

2.0 Groups 1,2 and 3 and Trees 1-9 will be retained and protected throughout this project. Trees 3,4 and 5 are trees in third party property with rooting zones which theoretically extend into the subject property.

3 Pruning

3.1 Tree 3 should have a dead limb removed and be crown lifted and reduced from the subject property – but this is not essential for the project.

3.2 All tree works will be carried out in accordance with British Standard 3998 (2010) Tree Works recommendations.

4 Protective fencing

4.1 Protective fencing will be erected as outlined in BS 5837 2012 (figure 2 or 3) as per the Tree Constraints' Plan (TCP) All trees within the BS5837 protective zone will remain protected for the duration of the construction phase.

4.2 All construction takes place outside of the root protection areas of any of the trees being retained. See Tree Constraints' Plan (TCP) Unless otherwise specified and mitigation put in place.

4.3 The protective fence will be constructed as per the TCP and will maximise protection to the Root Protection Areas at the same time as leaving space for access and construction.

4.4 It is noted that there is a minor incursion into the RPA of Tree 1. RPA could be amended by 20% to the north and east in accordance with section 5.3.1 (a) of the British Standard 5837 2012. However, no dig specialist construction techniques are preferred and employed to ensure there is no damage to the root system of this tree – see section 9

4.5 Likewise there is minor encroachment into the RPA's of Trees 4 and 5 for the construction of new parking spaces – specialist construction is employed at this location – see section 9

5 Temporary Ground Protection

5.1 Temporary ground protection will not be required as part of this project. Although there are some specialist construction techniques employed in two locations.

6 Site Supervision

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6.1 MMA tree Consultancy will address architects and site supervisors at a pre-commencement meeting and talk through the measures outlined in this AMS. The strict chronology of processes will be discussed in order that tree protection is in place prior to any plant, machinery or material being brought onto site.

6.2 MMA Tree Consultancy to check and sign off protective fencing prior to development phase.

6.3 MMA tree consultancy will make several unannounced calls to the site during the development phase to ensure all tree protection measures are being adhered to and all specialist construction techniques are being employed as intended.

6.4 MMA tree Consultancy will visit the site upon completion and list any tree work or ground amelioration that is required following the development phase.

7 Services

7.1 All services, drainage and ducting will fall outside of the RPA's of trees that are to be retained.

8 Storage of materials/site cabins etc

8.1 RPA's are to remain sacrosanct throughout the development phase and there will be no storage of any building materials, chemicals, fuel, or anything else in the RPA.

8.2 All site cabins and mess facilities will be positioned well away from trees to be retained and outside of the RPA's.

8.3 Strictly no plant or machinery to enter RPA's – not even to pass through – a single passing of heavy plant can cause irreparable damage to tree roots.

8.4 No fires on any part of the site.

9 Specialist construction techniques

9.1 The outbuilding near to T1 is constructed in place of an existing outbuilding and will be constructed either by -

Option 1 - No dig Ground Screw type foundations to ensure that there is no damage to the root systems of tree 1. Example at;

<https://www.groundscrewcentre.co.uk/products.asp?page=productinstallationguides>

Option 2 – No dig reinforced concrete raft foundation.

9.2 New car parking spaces within the RPA's of trees 4 and 5 will be of a no dig cellular confinement construction. See Appendix 4.

10 Prohibited activities.

10.1 Cutting down, uprooting, damaging or otherwise destroying any retained tree.

10.2 Lighting fires anywhere on the site.

10.3 Equipment, signage, fencing, tree protection barriers, materials, components, vehicles or structures shall not be attached to or supported by a retained tree.

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10.4 Mixing cement, chemical toilets, and other use or storage of anything that would be harmful to trees shall not take place within or close to a Root Protection Area. The distance away from the RPA must be sufficient, and the slope of the site must be such that contamination of soil within the RPA would not occur if there were spillage, seepage, or displacement.

10.5 No plant or equipment or vehicle with a hydraulic arm such as a mini digger shall be operated within striking distance of the stem and branches or the RPA of any retained tree unless otherwise specified in this report.

10.6 No alterations or variations shall be made to the approved tree protection measures without the written approval from the LPA.

11 – Replacement Planting Proposals

11.1 – No significant trees are being removed as part of this project and therefore no replanting is specified in this report.

12 Chronology of processes

- AIA and AMS submitted to LPA for approval.
- AIA and AMS approved.
- Pre-commencement meeting with MMA Tree Consultancy, Architects, Appointed site supervisor.
- Trees to be removed are removed and trees to be pruned are pruned.
- Temporary ground protection installed (if required)
- Protective fencing installed.
- Protective fencing and ground protection are checked and approved.
- Development phase commences
- Unannounced site checks are undertaken
- Development phase ends
- Final site check
- Tree Planting undertaken in the winter following completion of construction phase. (If required)

12 Appendices

Tree Survey

Tree Constraints' Plan

Protective fencing detail

Cellular confinement system detail

Signed



MMA Tree Consultancy

Date – 9th February 2024

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