

Arboricultural Impact Assessment and Arboricultural Method Statement

15 Broadhalgh Avenue – Rochdale – OL11 5LW

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 construction of a new detached garage at 15 Broadhalgh Avenue, Rochdale, OL11 5LW.

1 Trees to be removed

1.0 Trees 1,2,3,4 will be removed prior to the construction phase. These trees would be removed to accommodate the construction of the new garage.

2 Trees to be retained

2.0 All other trees on the site will be retained and protected throughout development.

2.1 Only trees likely to be affected by the development proposals have been specifically surveyed all other trees remain well outside the construction zone and beyond the protective fencing.

3 Pruning

3.1 Trees 5, 9 and 10 may require some lifting and reduction from the proposed garage construction area to accommodate the build.

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)

4.3 Trees 9,10,11,12 are poor trees which do appear to be very close to the garage construction, but they are protected by existing infrastructure and levels. Further protection is afforded by the positioning on BS 5837 protective fencing.

5 Temporary Ground Protection

5.1 There will be no requirement for temporary ground protection on this project.

6 Site Supervision

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.

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6.2 MMA Tree Consultancy to check and sign off protective fencing and ground protection

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 (if required) 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 and drainage runs 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 Tree 5 is the closest significant tree to the garage extension and as such it is proposed that the South elevation is founded on mini piles to limit any damage to the root system, albeit just outside of the RPA.

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.

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.

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11 – Replacement Planting Proposals

11.1 – Mitigation planting will be undertaken at a ratio of 2:1

11.2 – 8 x new trees will be planted within the grounds of the site and will be container grown 12-14cm selected standards.

11.3 – Species will be 2 x Tilia Green Spire, 2 x Red Oak, 2 x Fastigate Hornbeam and 2 x Dawyck Beech (Purple)

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.

12 Appendices

Tree Survey

Tree Constraints' Plan

Protective fencing detail

Signed  MMA Tree Consultancy

Date – 25th October 2022