

Arboricultural Impact Assessment and Arboricultural Method Statement

49 Regent Road – Bolton – BL6 4DG – Removal of existing garage and construction of new garage.

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 demolition and replacement of garage near to a tree (T1) that must be protected and retained.

1 Trees to be removed

1.0 No trees will be removed in relation to this project.

2 Trees to be retained

2.0 Tree 1 will be retained throughout this project.

3 Pruning

3.1 Tree 1 will be crown lifted to 6m over the proposed garage - Subject to consent being granted by the LPA.

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 The root protection area is determined from the DBH's of the respective tree (T1) and also the existing ground conditions and likely root morphology and distribution. The foundation of the existing garage has formed an effective root barrier allowing the alteration of the RPA and the positioning of the protective fencing as shown on the Tree Constraints Plan

4.3 There is a natural barrier formed by the foundations of the existing structure means that it is unlikely that roots will be encountered during the traditional construction (strip foundations) of the new garage in the new position shown on the Tree Constraints' Plan

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 undertake a pre-start meeting with architects and project managers to ensure all parties are aware of their responsibilities regarding the tree and its retention and protection.

6.2 MMA Tree Consultancy to check and sign off protective fencing once installed.

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.

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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 of the tree that is 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 facilities such as chemical toilets, offices, and mess facilities will be situated outside of the RPA.

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 No specialist construction techniques will be required for this project.

9.2 The tree will be sympathetically crown lifted from 5m to 6m prior to the construction phase, and the new build is designed so as to be situated at least 1m further away from the tree than the existing garage and also pitch away from the tree and therefore allow for ample clearance between tree and building.

9.3 Demolition of existing garage will be done in such a manner so as to ensure that no machinery enters the RPA and that no material from the garage falls within the RPA. Where possible existing foundations and hard standing will remain in situ as added protection.

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 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

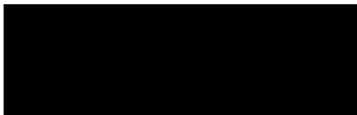
12 Appendices

Tree Survey

Tree Constraints' Plan

Protective fencing detail

Signed



MMA Tree Consultancy