



ARBORICULTURAL METHOD STATEMENT

Land adjacent to Barn Cottage, Bowling Bank, Wrexham, LL13 9RN

Amendment 1 – 20th October 2011

Original Document Created 31st August 2011

Client:

Cullis Architectural Design
Sunningdale Close
Wrexham
Clwyd
LL13 9QU

Site details:

Land adjacent to Barn Cottage, Bowling Bank, Wrexham, LL13 9RN

Author:

Dan Hinde – Monkey Business Arboriculture

ARBORICULTURAL METHOD STATEMENT FOR LAND ADJACENT TO BARN COTTAGE, BOWLING BANK, WREXHAM, LL13 9RN

SEQUENCE OF WORKS

From commencement of the development, it is recommended the following methodology be implemented in the manner and sequence described:

1. Pre-contract site meeting.
2. Arboricultural pruning and/or felling works.
3. Install temporary ground protection.
4. Erect temporary protective fencing.
5. Route underground services.
6. Main construction phase.
7. No-dig hard surfacing (sections) construction.
8. Remove of temporary ground protection and fencing.
9. Landscape works.

1. PRE-CONTRACT SITE MEETING

To outline on-site working methods in relation to trees prior to any construction activity, it is recommended a site meeting of the following take place:

- Client
- Architect/Planning Consultant
- Structural Engineer
- Main Contractor
- Arboriculturist
- Site Agent
- LPA Arboriculturist

2. RECOMMEND SCHEDULE ARBORICULTURAL PRUNING AND/OR FELLING WORKS

1. Before the erection of the temporary protective fencing, all tree removal shall be implemented in accordance with the Tree Survey Schedules (see 'Bowling bank tree survey including recommendations').
2. All possible efforts must be made to prevent damage to retained trees including potential root incursion or compaction caused by vehicle access. Temporary ground protection should be used to achieve the latter.
3. All arboricultural works should conform to the recommendations of BS 3998 (2010) 'Recommendation for Tree work'.
4. All operatives shall be equipped with and use personal protective equipment (PPE) in accordance with Health & Safety Executive current directives and industry codes of practice.
5. Wound sealants shall not be used on any tree.
6. Performance of all arboricultural operations and use of equipment shall be in accordance with current Health & Safety Executive current directives and industry codes of practice.

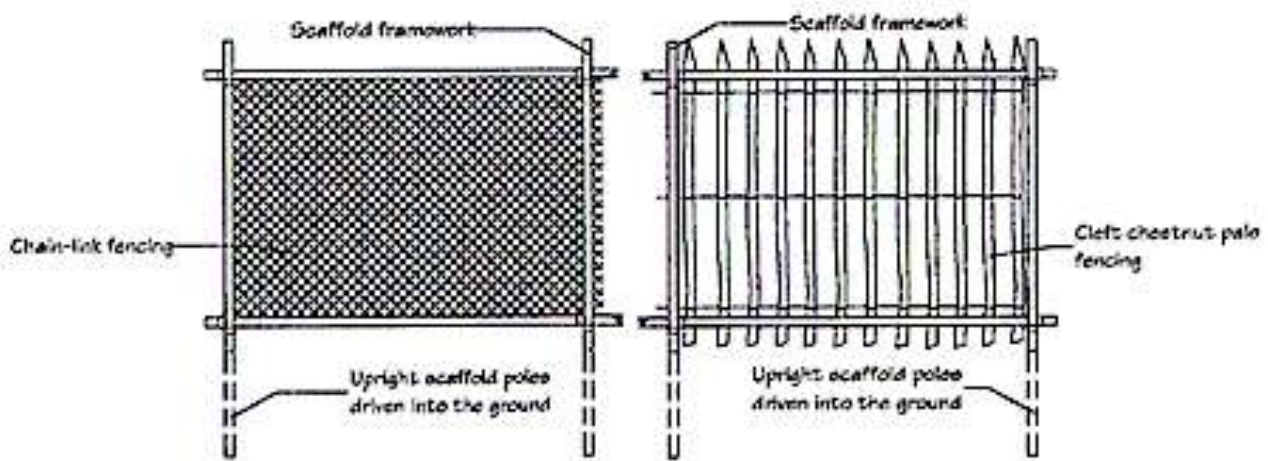
3. INSTALL TEMPORARY GROUND PROTECTION

1. For wheeled or tracked construction vehicle traffic along the site access route and/or within the Root Protection Areas (RPA's), the ground protection should be designed by an engineer to accommodate the likely loading and may involve the use of proprietary systems of reinforced concrete slabs.
2. The areas designated for ground protection should be clearly marked on the Architects plan drawing and/or Tree Protection Plan (TPP).

4. ERECT TEMPORARY PROTECTIVE FENCING ERECTION

1. Following completion of the tree felling and prior to construction, the main contractor shall erect the temporary protective fencing as detailed by the Tree Protection Plan (see 'TPP Bowling Bank'), fencing off the indicated Root Protection Areas to create Construction Exclusion Zones.

An example of the type of fencing to be erected is shown below –



NB.

At the land adjacent to Barn Cottage, Bowling Bank, there is an agreed overlap of the proposed development and the Root Protection Area of T1. The indicated RPA should be measured out as normal, but fenced to allow the construction of the new development, with 500mm leeway between the fence and the proposed footings to allow works to progress. Any excavation within this area of overlap should be done by hand, with works halting if any roots are encountered. Excavation works may not resume until the root system has been inspected by the Arboriculturist and a work plan formulated.

2. Prior to commencement of any site demolition, construction, preparation, excavation or material deliveries, the Arboriculturist will inspect installation of the temporary fencing. Further inspections will be made during the course of the build, and findings reported to the LPA via email where required. The frequency of the inspections is to be determined at the pre-contract site meeting. Any damage occurring to protective fencing during the demolition or construction phase shall be made good by the main contractor.

3. Excavation shall not occur at a distance of less than 300mm from the temporary protective fencing.

5. ROUTE UNDERGROUND SERVICES

Unless an emergency arises, there shall be no new excavation for the installation, renewal or repair of underground services within any area designated as a Root Protection area (RPA) and Construction Exclusion Zone (CEZ) and enclosed by Temporary Protective Fencing (unless very low root volume is established beforehand). In the case of an emergency, the Arboriculturist should be contacted for advice and guidance.

6. MAIN CONSTRUCTION PHASE

1. There shall be no storage of construction material, site parking, site accommodation or equipment in any area designated as the Root Protection Area (RPA) and Construction Exclusion Zone (CEZ) and enclosed by Temporary Protective Fencing.
2. No fires shall be lit within 15m of any tree.
3. The site agent shall supervise deliveries by self-loading crane, with vehicles positioned in such a manner that retained trees and/or hedgerows are not at risk of damage.

7. NO-DIG HARD SURFACING (SECTIONS) CONSTRUCTION & RESURFACING OF EXISTING HARD SURFACES IN PROXIMITY OF RETAINED TREES

1. Any new hard surface sections for new access roads, vehicular turning areas and the paved areas should be constructed over existing ground without excavation other than the removal by hand of surface vegetation and minor (<100mm high) surface irregularities or loose soil to a depth of not more than 150mm.
2. Final surface levels adjacent to the no-dig sections of hard surfacing shall be dictated by final surface levels to the 'no-dig' section and not vice versa.
3. The existing hard surfaces in proximity to retained trees shall be maintained, with only light resurfacing materials added to avoid unnecessary excavation and potential root disturbances.

8. REMOVAL OF TEMPORARY GROUND PROTECTION AND FENCING

1. Temporary protective fencing shall be removed only upon completion of construction and hard surfacing works only.

9. LANDSCAPE WORKS

1. Landscaping works shall be implemented in accordance with a scheme approved by the Planning Service.
2. There shall be no rotovation of ground within any area designated as a Root Protection Area (RPA) and Construction Exclusion Zone (CEZ) and enclosed by Temporary Protective Fencing.
3. Sandy topsoil may be spread within the Root Protection area (RPA) and Construction Exclusion Zone (CEZ) to a depth of no more than 150mm to facilitate the establishment of new vegetation. No other addition of soil or other material shall be carried out within any area designated as a Root Protection Area (RPA) and Construction Exclusion Zone (CEZ) without consultation with the Planning Service.
4. No hard landscaping works or excavation for cables or any other service should be installed within the Root Protection area (RPA) and Construction Exclusion Zone (CEZ) without the written consent of the Planning Service.