



Old Oak Tree Care

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Arboricultural Method Statements for building work at Salem Chapel, Llanarmon

2nd February 2013.

I have been asked by Wrexham Borough Council to provide Method statements and other information for the above building work. Most of this information is included in the original tree survey but may be scattered and difficult to find.

I will therefore collate the required information below in a method statement for the arboricultural and building contractor.

Arboricultural Method Statements

- a) A tree contractor conversant with BS3998:2010 Tree Work: recommendations should be used to carry out the work.
- b) Work to trees should not be carried out between 1st April to 31st May to avoid physiological damage to the trees at time of bud break.
- c) Work to trees should be carried out before building work commences to avoid damage to new structures and ease arboricultural operations.
- d) Trees to be removed have red outlined crowns on the Tree Constraints Plan (TCP). These trees are H2, A4, A6(together with 2 smaller ashes just above it) and HB7.
- e) The roots of all of the trees that are removed will be useful to maintain the steep bank. Therefore all of these trees should be treated like a coppice apart from HB7 which will be totally removed.
- f) There are a number of small saplings within the building site that will need to be removed to allow the build work
- g) Trees to be removed should be conspicuously marked and contractors to be perfectly sure of which trees to remove and which to leave before work commences.
- h) All tree work to comply with BS3998:2010
- i) Side reduce back the large limb overhanging the property from the ash tree Ref A3 by approximately 25-30%, pruning back to inner sub-lateral branches at least a third the size of the branches being removed. The pruning works should not result in the removal of branches with a diameter of 100 mm when measured overbark.

Building Method Statements

- a) Arboricultural protection is the responsibility of the Site Manager and should not be forgotten about.
- b) Before the commencement of any construction work or arrival of plant or materials. Trees to be retained are clearly identified and possibly marked as to the tree protection plan (TPP). Any protective fences necessary for the protection of trees are to be put in place at this time. Protective fencing should not be moved throughout the construction process.
- c) All arboricultural work to trees to have been completed before building stage to ease access and reduced risks to either construction or arboricultural contractors.
- d) Tree protective fencing to comply with standards set out in BS5837:2012 Figure 2. Fencing must provide total exclusion to RPA by vehicular and foot passage. Tree protective fencing is marked as a dashed red line on the TPP. No signs, equipment or fencing to be attached to retained trees
- e) Protective fencing to be placed at a distance specified for each tree in section 5. Do not attempt to scale from the TPP diagram.
- f) Protected RPAs should be left clear. Use of RPAs as storage areas is not permitted. Any toxic chemicals including cement, hydraulic oil, diesel and paint to be stored in a bund where leakage would not enter into the RPA.
- g) Contractor to inform all employees and sub contractors of RPAs, protected areas and reasons for protection.
- h) Re-grading of the soil depth within an RPA is not permissible. Where building work is to be carried out within the RPA, the use of ground pressure relieving products, such as Cell Web is permissible as long as it is used in the manner prescribed by the manufacturer.
- i) Crowns of protected trees not to be cut back or damaged by vehicles, plant or materials.
- j) No fires to be lit within 10 metres of the nearest canopy of any tree.
- k) Once all building work has been completed and the contractors have left site, tree protection fences may be removed.
- l) Should any questions be raised about any tree issue, please contact me on the numbers above. No provision has been made for arboricultural site visits as the owners will be on site for much of the construction period and I have offered support and advice over the telephone. Should a serious tree issue develop then I am happy to visit but would prefer to try and deal with it over the phone.

BS5837:20012 figure 2 Protective fencing

Figure 2 Default specification for protective barrier

