



Membership No.FE00604

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Established 1994



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25th September 2020

Kendall Kingscott Ltd
3 GP Centre
Yeoman Road
Ringwood
BH24 3FF

RE: Trees at St. Osmund's Middle School, Barnes Way, Dorchester, DT1 2DZ

Brief: To survey the trees on the above site, comment on the proposed development; propose practical construction techniques to facilitate the installation of safeguarding measures at the school.

Inspected by: J Christopher

Dates of inspection: 14th September 2020

Survey Technique

The surveyed trees were visually assessed from ground level as far as access allowed. No climbing inspections or invasive examination techniques were carried out.

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General Constraints: The above survey has been undertaken using the recommendations contained in the new BS5837:2012.

When considering the retention of trees in a planning context, preference should be given to retaining trees in categories A and B as these are the trees that contribute most to the amenity of the site and surroundings for the longest time.

Category C trees are of lesser importance and they would not usually be retained where they would impose a significant restraint on development.

Trees placed in the removal 'U' category are assessed upon their condition and not on any planning proposals which may require the removal of the tree for other reasons; category U trees are unsuitable for retention in a development context and should be removed for sound arboricultural reasons.

Groups of even low value trees may have a collective screening or group value in the landscape that is higher than the individual categories of the component trees might suggest.

Proposal

It is proposed to install safeguarding measures on the school grounds. These measures include Semi-automated pedestrian access gates, vehicle access gates, new 2.4m high wire mesh fencing and widening of existing pedestrian footpaths.

Arboricultural Impact Assessment

The tree survey has been undertaken viewing the existing tree resource on site as a whole. All trees within the boundaries of the school are considered to be a material constraint to the proposals and the following Impact Assessment and Method Statement will outline a suitable tree sensitive method of working around all trees.

Minor crown lifting to retained trees will be necessary to raise canopy clearances to 3m above existing ground levels where tree canopies overhang proposed areas of fence line and gated access installation. Only the canopy aspect directly affected by the works will be lifted to 3m all other canopy aspects will be left as is.

Boundary hedging and understorey shrubs will be pruned where necessary to allow the installation of the fence line.

All trees are to be retained on site, no significant impact on the retained tree resource will arise from the proposed installations provided adequate measures are taken to avoid damage to their roots or crowns as outlined within this document.

Post holes must not be dug closer than 1.5m to the trunk of any retained tree.

Post holes within 3m of any retained tree trunk must be dug by hand using hand held tools. Should significant roots, that being any root larger than 25mm in diameter be found in the hole, the focus of the hole will be altered to allow retention of the root in the ground unharmed.

Post holes within 3m of any retained tree trunk will be sleeved with a gauged polythene liner to prevent leeching of concrete chemicals into open ground.

Excavation for service cables to power pedestrian and vehicle access gates will be carried out by hand using hand held tools within 3m of any retained tree trunk. Should significant roots, that being any root larger than 25mm in diameter be found within the excavation, the service cable will be adjusted to move between roots to allow retention of those roots in the ground unharmed.

Any foundations for gate piers to support access gates within 5m of any retained tree trunk will be dug by hand using hand held tools. Should significant roots, that being any root larger than 25mm in diameter be found within the foundation excavation, the foundation will be adjusted in position to allow retention of those roots unharmed in the ground.

Widening of pedestrian footpaths to the southern boundary of the site, will be undertaken working away from retained trees. Existing kerb stones, concrete haunchings and any hard surfacing within 3m of any retained tree trunk will be removed by hand. New hard surfacing and kerb stones will require a minor excavation of no more than 100mm in depth to install. It is our view that the minor excavation will have no significant impact on retained tree roots due to the surfaces in this area already being of an inhospitable nature to tree roots. We would expect the retained trees in this area to be utilising the open ground to their northern aspects to establish a higher volume of rooting activity within the soil profile and minor root removal to excavate the new surface to the same level as existing surfaces is deemed to be appropriate in this case.

Should any arboricultural concerns arise on site that have not be pre-empted within this document, the contractor will cease work and communicate with their project arboriculturalist before proceeding further with the operation.

All fencing and construction materials must be stored on existing hard surfacing.

Arisings from any removal of existing hard surfacing or any demolition of the existing fencing must be removed from the construction area immediately after dismantling.

We do not consider the erection of tree protection barriers or laying of ground protection to be necessary for these works.

If you require any further information at this stage, please do not hesitate to contact us.

Yours sincerely

John Christopher
Arboriculturalist

ARBORICULTURAL METHOD STATEMENT

FOR

**INSTALLATION OF SAFEGUARDING MEASURES AT ST. OSMUNDS'S
MIDDLE SCHOOL, BARNES WAY, DORCHESTER, DT1 2DZ.**

Dated 25th September 2020

***TO BE DISPLAYED PROMINENTLY ON SITE AND BROUGHT TO THE
ATTENTION OF ALL CONTRACTORS AND SUB CONTRACTORS***

To be used in conjunction with drawing:

Safeguarding Site Plan 191077 0502 P2 produced by Kendall Kingscott.

Note: This arboricultural method statement (when approved by the Local Planning Authority) is an official document and the methods outlined are to be followed in their entirety as a condition of the granted planning application.

It is to be held by the Site Supervisor and be available on site at all times for contractors site use and reference purposes.

1. Site Supervision, Arboricultural Monitoring and Discharge of Planning Conditions.

- 1.1. Site supervision and arboricultural monitoring is not considered to be necessary for this project. However, any planning condition attached to a grant of permission that requires the undertaking of site visits, or written notices of works will be adhered to.
- 1.2. If the requirements and restrictions contained within this Arboricultural Method Statement are not complied with *in full*, this may invalidate the grant of planning permission.

2 Pre Development Crown Lifting to Trees and Hedge Pruning.

- 2.1. The appointed Tree Surgeon will be provided by a copy of the approved schedule accompanied by a detailed specification and plan showing where the hedge is located, by the developer.

2.2. Schedule:

Species	Work Required	Reason
All trees over proposed works.	Crown lift to 3m directly over area of construction, all other canopy aspects to be left as is.	To create working room to facilitate the placement of 2.4m high wire mesh fence line
Hedging and understorey plantings.	Prune back from boundary as necessary	To create working room to facilitate the placement of 2.4m high wire mesh fence line

- 2.3. All agreed tree work will be carried out to BS3998: 2010 Recommendations for Tree Work specification; with care taken to ensure damage to retained trees and their root protection areas is avoided.
- 2.4. If temporary access within tree root protection areas is required for plant and vehicles appropriate ground protection is to be used as necessary.
- 2.5. Prior to commencing any tree works an ecological assessment of some trees may be required to ascertain the presence of bats, birds and other creatures.
- 2.6. All arisings shall be removed from site, unless other provisions have been made for their disposal; and the site shall be left clean and tidy.
- 2.7. We have not investigated the possibility of existing underground services adjacent to any tree to be felled and ground out; these will be matters for on site risk assessments by the appointed contractor.
- 2.8. All operatives to hold the relevant certification for operations being carried out and equipment/machinery used.
- 2.9. Timing of works. Please note that under the Wildlife and Countryside Act 1981 it is an offence to destroy any wild bird's nest, eggs or dependant young; the nesting season is usually during the months of February to August inclusive, however can vary according to weather conditions. This restriction is to be borne in mind when scheduling site works.

3. Tree Protection Measures.

- 3.1. No tree protection barriers or ground protection are required
- 3.2. No fires are permitted on site

4. Demolition and removal of existing structures and hard surfacing

- 4.1. All demolition of any existing structure and hard surfacing within 3m of all retained tree trunks will be carried out by hand using hand held tools
- 4.2. All arisings from any demolition will be stacked neatly on existing hard surfacing found along the pedestrian footpath or immediately removed from site. No depositing of arisings on any open ground either internally or externally to the site is allowed.
- 4.3. Sub-contractors and all operatives on the site will scale their operations in such a manner as to avoid damage to tree canopies or tree roots.
- 4.4. All roots encountered greater than 25mm diameter are to be *retained and worked around*, no damage to tree roots or their outer surface are permitted. Where clumps of smaller roots are found these are also to be retained. Roots are not to be severed without the advice of an Arboriculturalist; in the interim the exposed roots will be protected by wrapping in Hessian or similar material.
- 4.5. Any single root below 25mm diameter encountered may be cleanly cut using a sharp tool leaving the smallest wound. Larger roots are not to be severed without the advice of the Developers Arboriculturalist and the written agreement of the Local Planning Authority Arboriculturalist.
- 4.6. Any exposed roots are to be wrapped with damp hessian. If there is a risk of frost the hessian is to remain dry.

5. Location and construction of new 2.4m high wire mesh fence

- 5.1. No post holes are to be dug within a 1.5m radius from the centre of any base of tree.
- 5.2. Post holes within 3m distance from any retained tree trunk are to be dug by hand
- 5.3. If any tree root with a diameter greater than 25mm is found during the hand dig, the post hole is to be extended so as to avoid said tree root.
- 5.4. Post holes must be sleeved with a gauged polythene liner, capable of preventing the alkaline nature of the concrete from mixing with the acidic soil and damaging tree roots and plant growth.
- 5.5. Concrete is to be mixed on existing hard surfacing, away from construction works.
- 5.6. Wheelbarrows are to be used to transport concrete.
- 5.7. Scaffold boards to be used under wheelbarrow to avoid compaction of soil when transporting concrete.
- 5.8. All spoil from post holes is to be spread evenly over ground and away from base of trees.
- 5.9. Construction of fence to run continuously from one end of site.

6. Installation of service cables.

- 6.1. Excavations for service cabling to power gated access points within 3m of the trunk of any retained tree will be carried out by hand using hand held tools.
- 6.2. The excavation will be reduced to the minimum depth allowed to comply with the British Standard for electrical cable laying
- 6.3. Cables laid within the resulting trench will be laid to work around any root with a diameter of 25mm or above found within.
- 6.4. Spoil from the excavation will be removed from the area or stored on suitable ground protection during the laying of the cable. Spoil will not be left on open ground and back filling of the excavation will be undertaken as soon as is possible.

7. Laying of new pedestrian hard surfacing.

- 7.1. All operations will be undertaken working away from trees.
- 7.2. New hard surfacing will be installed to the minimum depth possible to avoid unnecessary disturbance of the soil profile below the depth of proposed hard surfacing.

8. Construction of gate piers.

- 8.1. Foundations for gate piers within 5m of the trunk of any retained tree will be dug by hand using hand held tools.
- 8.2. All roots encountered greater than 25mm diameter are to be *retained and worked around*, no damage to tree roots or their outer surface are permitted. Where clumps of smaller roots are found these are also to be retained. Roots are not to be severed without the advice of an Arboriculturalist; in the interim the exposed roots will be protected by wrapping in Hessian or similar material.
- 8.3. Any single root below 25mm diameter encountered may be cleanly cut using a sharp tool leaving the smallest wound. Larger roots are not to be severed without the advice of the Developers Arboriculturalist and the written agreement of the Local Planning Authority Arboriculturalist.
- 8.4. Foundation holes must be sleeved with a gauged polythene liner, capable of preventing the alkaline nature of the concrete from mixing with the acidic soil and damaging tree roots and plant growth.

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