



greenwillows associates ltd

ARBORICULTURAL METHOD STATEMENT (Version 2)

This statement is made subject to the provisions of the Construction (Design and Management) Regulations 2015 (CDM 2015)

To be familiar to all site operatives and placed in a visible position for reference for the duration of the project

Any plans referred to in this statement shall be available to all site operatives

NO SIGNS, CABLES, FIXTURES OR FITTINGS OF ANY OTHER DESCRIPTION SHALL BE ATTACHED TO ANY PART OF A TREE

IF IN DOUBT - ASK

Site address	Hill Top, Cucumber Lane, Essendon, Herts AL9 6JA
Planning application no.	6/2020/0004/HOUSE (3 March 2020) Condition no.1
Local Planning Authority (LPA)	Welwyn Hatfield Borough Council
Project manager: Name & contact number	
Client	
Main contractor: Name & contact number	Mr Peter Crosdil (Crosdil Leisure) 01798 875275
LPA tree officer: Name & contact number	
LPA planning case officer: Name & contact number	Ms Lucy Hale
Site manager: Name & contact number	

<p>Arboricultural Consultant contact details</p>	<p>Greenwillows Associates Ltd Green Willows Farm First Turf Fen Drove Warboys Cambridgeshire PE28 2TZ</p> <p>01487 823198</p> <p>greenwillowsassociates.co.uk</p>
<p>Tree protection measures</p>	<p>Temporary tree protective barrier fencing to BS5837:2012 – example images attached in covering report.</p> <p>Ground protection (track mats) to cover soft ground around base of trunk of Oak tree no.8 - Track mats laid onto a compressible layer such as MOT Type 1 stone chips – example image attached in covering report.</p> <p>Supporting edge of paving along eastern edge in RPA of tree no.6 to be formed by treated softwood timber board held in place by stakes of timber batten (or lengths of rebar with tops rounded off) driven into ground then level made up with top soil batter along back edge. Trench for edging must not be dug into the ground. Paving sub-base and wearing course to be butted up against timber board. Other methods can be used so long as no trenching is undertaken.</p> <p>Hand-digging of some short sections of new utility trenches. In accordance with National Joint Utilities Group Note 10 Volume 4 Issue 2 dated 16 November 2007 (downloadable free from internet or contact GWA for PDF copy) – Essentially, this means hand digging the trenches and ALL trees roots encountered that are equal to, or greater than 25 millimetres in diameter MUST NOT be severed or otherwise damaged. Pipes / cables to be installed must be threaded beneath the tree roots.</p> <p>SEE PLAN – Arboricultural Method Statement tree protection 15/04/2020 (AMS plan V2).</p>

Pre-development tree surgery	None required.
Tree works during build	None required.
Site access	As per tree protection plan.
Contractors parking	Using existing drive.
Deliveries / storage	Using existing drive and garden.
Mortar mixing / washing	No materials, which will contaminate the soil e.g. concrete mixings, Diesel oil and vehicle washings are to be discharged on site. Use heavy-duty impermeable sheeting or other suitable failsafe containment.
Fires	Not permitted.
Site huts / toilets	Toilets must be self-contained with no risk of leakage.
Works within Root Protection Area (RPA) of trees (the outbuilding / pool house)	<p>The foundation footprint of the outbuilding (pool house) has been approved by the LPA. The building foundation will be a 200mm deep reinforced concrete slab over 70mm deep void-forming product. The slab will be supported around its edge using 10 x small bore augered piles.</p> <p>A new soakaway is to be excavated within the RPA of tree no.6. The soakaway has a surface footprint of 5.76m² (2.4m x 2.4m). There is no way to mitigate the impact of excavation of a soakaway.</p> <p>The utility excavations around tree no.8 on the north side of the pool house must be excavated by hand in accordance with NJUG Note 10 guidelines (sever no roots equal to or greater than 25mm in diameter)</p> <p>New permeable paving is to be installed, connecting the swimming pool to the pool house. According to the approved plan, the paving is to be installed over the existing ground contours. The edge retaining method on the eastern edge (green line on AMS plan) must not use a trench.</p>

Underground service runs, external lighting, surface water, foul drainage, gas & electricity etc	As shown on the AMS plan.
Levels changes	There are no levels changes proposed within RPAs of trees.
Space for cranes	N/A
Build sequence and tree root protection	<ol style="list-style-type: none"> 1. Install temporary protection measures (fencing and ground protection). 2. Transport materials and plant to site and commence ground works. 3. Implementation of the approved development. 4. Completion of construction. 5. Remove waste / leftover materials and plant. 6. Remove all physical tree protection measures.
Tree-protective barrier fencing	As show by broken red line on AMS plan.
Ground protection	As shown by purple cross-hatching on AMS plan.
Additional precautions	<p>Hand-digging of trenches as shown by broken pale blue line on AMS plan.</p> <p>‘Untrenched’ paving edge treatment as as shown by solid dark green line on AMS plan.</p>
New hard surfaces	Permeable paving to be constructed with minimal excavation within RPA of tree no.6 (RPAs shown by orange polygons).
New soft surfaces	None.

Physical temporary tree protection measures removal	Following completion of development and removal of surplus materials and plant from site.
Aftercare	N/A.