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# ARBORICULTURAL METHOD STATEMENT

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25 Baroona Close, Cupernham Lane, Romsey

Alexa Monk  
December 2020





## **ARBORICULTURAL REPORT**

<b>Client:</b>	Mark & Katie White
<b>Site:</b>	25 Baroona Close, Cupernham Lane, Romsey
<b>Arboricultural Consultant:</b>	Alexa Monk <i>Tech Cert (Arbor A) NCH Arb</i>
<b>Date:</b>	December 2020

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<u>Section</u>	<u>Title</u>	<u>Page No.</u>
<b>1.0</b>	<b>INTRODUCTION</b>	
1.1	I have been instructed by Mark and Katie White to undertake this Arboricultural Method Statement for the site of 25 Baroona Close, Cupernham Lane, Romsey. This report is required to be part of supporting paperwork to form part of an on-going planning application to Test Valley Borough Council.	
1.2	The proposal is for the construction of a rear extension to the property.	
1.3	The existing site boundary is made up of a 6ft high wooden panel fence and a Uni-Log retaining wall.	
1.4	The clients brief is as follows: <ul style="list-style-type: none"><li>• Undertake a Tree Survey in accordance with BS5837:2012.</li><li>• To undertake an AutoCAD Tree Survey Plan based on the accuracy of the site layout plan.</li><li>• To carry out an Arboricultural Implications Assessment (AIA) of the proposed construction provided by the client, to identify which trees can be retained and which trees would be lost to development.</li><li>• Based on the above, to produce an Arboricultural Method Statement detailing methodologies for tree retention with the inclusion of a Tree Protection Plan.</li></ul>	

- 1.5 Document disclosure provided by Mark and Katie White.
- General arrangement floor plans Type F provided by Bargate Homes
  - Elevations Plan Plot 24 provided by Bargate Homes.

## 2.0 DESCRIPTION OF THE SITE

- 2.1 The site is a domestic property on the southern boundary of Baroona Close.
- 2.2 The off-site trees are located beyond the south boundary.
- 2.3 Figure 1: Image of off-site trees.



## 3.0 ARBORICULTURAL IMPLICATIONS ASSESSMENT

- 3.1 A tree survey in accordance with BS5837:2012 was undertaken on 4<sup>th</sup> December 2020. The tree survey exercise identified One (1) individual tree and One (1) group that may be affected within the proposed works. More details of the tree survey can be seen within the tree survey schedule.
- 3.2 I have not been instructed by my client to ascertain whether any of the trees detailed within this report are protected by an existing Tree Preservation Order (TPO). The site does not lie within an existing Conservation Area (CA).
- 3.3 In accordance with the recommendations contained within BS5837:2012 "*Trees in Relation to design, demolition and construction - Recommendations*", an experienced arboriculturist has assessed the requirements for tree protection and the Root Protection Area (RPA). The implications of the proposed construction are detailed below, along with any mitigating measures to ensure the retention of these trees.

3.4 It is assumed that services such as power and drainage will make use of any existing service locations.

3.5 Summary of the implications for Tree 1 and group 1:

Tree No.	Species	BS 5837 2012 Cat	Potential cause of harm	Implication	Mitigation
1	Common Sycamore	C1	<ul style="list-style-type: none"> <li>Construction within root protection area</li> </ul>	<ul style="list-style-type: none"> <li>Potential for root damage</li> </ul>	<ul style="list-style-type: none"> <li>The Uni -Log retaining wall will mitigate any potential root damage, (See section 4.3 for more details).</li> <li>Protective fencing will not be required. (See section 4.2 for details).</li> </ul>
G1	Cherry Laurel	C2	<ul style="list-style-type: none"> <li>Unaffected by construction</li> </ul>	<ul style="list-style-type: none"> <li>None</li> </ul>	<ul style="list-style-type: none"> <li>Existing boundary fencing will provide adequate protection during construction.</li> </ul>

#### 4.0 TREE PROTECTION MEASURES

- 4.1 This is a small-scale construction project and tree protection measures are already in place to adequately protect the retained trees. Details are as follows:
- 4.2 Protective fencing will not be required as the existing boundary fencing will provide adequate protection during the construction process. Further, the tree crowns on the north side are high enough as to not interfere with construction with adequate working space.
- 4.3 The Uni-Log retaining wall was established during the construction of the property several years ago along the length of the south boundary fence. It had been installed to a depth of 750mm. This would suggest that any roots present at the time would have been removed and would also prevent any further root growth in to the site. It is highly likely that roots are not present within the site, with conventional building foundations appropriate.
- 4.4 The Uni-Log retaining wall does not seem to have affected the physiological condition of the off-site trees as they are semi-mature and still vigorous.

## **5.0 GENERAL CONSIDERATIONS WITHIN AND OUTSIDE THE CONSTRUCTION EXCLUSION ZONE**

### **5.1 Construction Exclusion Zone (CEZ)**

5.1.1 Inside the Construction Exclusion Zone (CEZ) formed by the protective fencing, the following prohibitions shall apply:

- **No construction activity will occur within the CEZ unless otherwise stated in this report or agreed in writing with Test Valley Borough Council prior to the specific activity-taking place.**

5.1.2 In addition to the above, further precautions are necessary adjacent to trees outside the CEZ:

- Materials, which will contaminate the soil e.g. concrete mixing, diesel oil and vehicle washings, shall not be discharged within 10 metres of the tree stem. This should take into consideration the topography of the site and slopes, to avoid materials such as concrete washings running towards trees.
- Fires shall not be lit in a position where their flames can extend to within 5 metres of foliage, branches or trunk. This will depend on the size of the fire and the wind direction.

## **6.0 PRE-COMMENCEMENT SITE MEETING**

### **6.1 Pre-commencement site meeting**

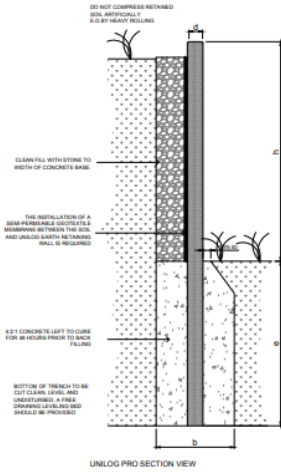
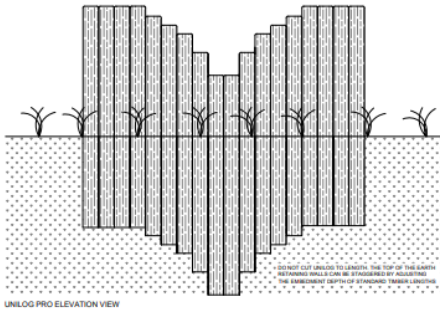
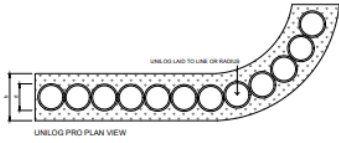
This will not be required for this site.

## **7.0 CONCLUSIONS**

7.1 The proposal for the construction of a rear extension to the existing property has been assessed broadly in accordance with British Standard 5837:2012 – “*Trees in relation to design, demolition and construction – Recommendations*”.

7.2 It is my opinion that all the trees to be retained are afforded due respect and provided adequate protection, ensuring their safe and healthy retention during the construction process.

## **8.0 UNI-LOG RETAINING WALL DETAILS**



MAX HEIGHT ABOVE GROUND LEVEL	1	1.80	1.80	2.00	2.00
MINIMUM TRENCH DEPTH	2	100	100	100	100
MINIMUM WIDTH OF CONCRETE	3	100	100	100	100
TRENCH EMBANKMENT SLOPE	4	1:1	1:1	1:1	1:1

UNLOG RETAINING WALLS TO BE INSTALLED TO UNLOG PRO STANDARD AND IN ACCORDANCE WITH THE UNLOG PRO DESIGN & INSTALLATION GUIDE

**Notes**

- This drawing is to be read in conjunction with all relevant specifications, documents and construction drawings, and the Bill of Materials.
- IN CASE OF DISCREPANCY BETWEEN DRAWING OR A LIST OF DIMENSIONS BY F. BROWN ARCHITECTS LIMITED MUST BE CONSIDERED AS VALID AND AUTHORITY.
- All dimensions are in millimetres. All levels are in metres, unless stated otherwise.

**DO NOT SCALE THIS DRAWING. IF IN DOUBT ASK.**

**CONCRETE**

- Structural concrete to be in accordance with BS8117 and shall be a designation as specified in BS 8117: 2009.  
 Max. water  
 Concrete grade  
 Maximum cement content  
 Maximum water content ratio  
 Max. aggregate  
 Max. aggregate size

**Reinforcement abbreviations**

Reinforcement: Type, Diameter, Bar Mark, Core Size, Location

Steel bar sizes for high yield deformed bars  
 Check BS5951 to BS 5002

The size of all reinforcement and centres are in millimetres.

**Bar Markings**

Bar Markings: R10 = Reinforcement Bar Marking  
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**Reinforcement details**

Reinforcement details are to be detailed in accordance with BS8117: 2009.

**Concrete Cover (mm)**

Concrete Cover (mm):  
 Top = 25mm  
 Sides = 25mm  
 Bottom = 25mm

**Notes**

- All materials furnished shall be to be maintained in accordance with the manufacturer's specifications and shall be suitable for use in the specified conditions.
- Reinforcement shall be installed in accordance with the manufacturer's specifications and shall be suitable for use in the specified conditions.
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NO.	REVISION	DATE	BY
01	PRELIMINARY ISSUE		

**PRELIMINARY**

**BARCONA ROMSEY**

**MH ARCHITECTS**

**BARGATE HOMES**

**WFBA**  
 Warranted Fit Building & Structural Engineers

The design is the responsibility of F. Brown Architects. It may be used for other projects without the consent of F. Brown Architects. The drawing must be used in accordance with the terms of the contract.

**UNLOG RETAINING WALL PLAN & DETAIL**

PROJECT	NO.	DATE
JMC	16219/101	MAY 2017
SCALE	1:10	
DATE	16219/101	P1