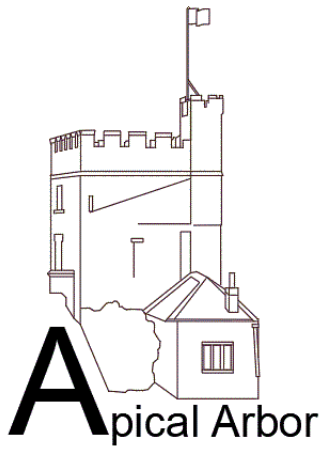




Grovelands Medical Centre, Reading

By Philip Bridger

December 2022



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1 Summary

- 1.1 Following instructions received in November 2022, this statement has been produced to inform management of Tree Stock at Grovelands Medical Centre, Reading.
- 1.2 The Arboricultural survey was carried out by Philip Bridger in November 2022.

2 Proposed Tree work

- 2.1 The Site is bounded by a red brick wall, along side the Highstreet. This wall has recently undergone renovation.
- 2.2 Adjacent to the entrance pillars, there are trees leaning on each pillar.
- 2.3 One of the trees is likely to be subject to a Tree Protection Order.
- 2.4 We intend to fell the trees each side of the entrance Pillars (T5, Sycamore and T6 False Acacia).
- 2.5 No other proposed tree work.

Further Reading and Supporting Material:

British Standards Institution Publication (2010) *BS 3998: Recommendations for Tree Work*, BSI, London.

British Standards Institution Publication (2012) *BS 5837: Trees in Relation to Design, Demolition & Construction*, BSI, London.

Roberts, J., Jackson, N. & Smith, M. (2006) *Tree Roots in the Built Environment, Research for Amenity Trees No.8*, TSO, London.

Appendices

Appendix A Tree Location Plan

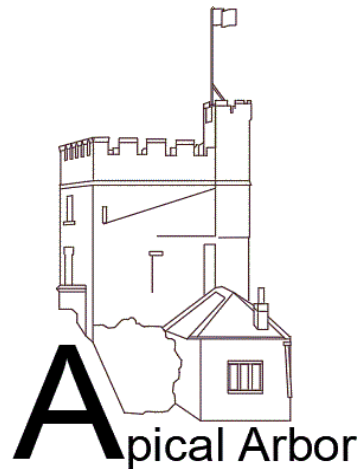
AA TL 01

Appendix B Tree Schedule

AA TS 01

Appendix C Photo Record

AA PR 01



Each entry will contain the following information (dependent upon access):

1. Tree No: Allocated tree number (a Tree Preservation Order may be signified by an * suffix);
2. Species: Common names are shown;
3. Height: Height of each tree/group in metres to centre of upper crown or highest point;
4. Stem Diameter: Measured in millimetres at 1.5m from ground level; multiple stems are measured separately and the values combined; used to calculate the Root Protection Area (RPA); measurements for the same tree are separated by '-' (e.g. 120-140-100);
5. Crown Spread: Measured in metres at compass points (e.g. N, E, S, W); dimensions are taken from centre of trunk to edge of canopy; 'up to' crown spreads will be shown with a repeated number;
6. Crown Clearance: Height in metres to lowest branch foliage from ground level;
7. Age Class:
 - Young (Y) (less than 1/3 through typical life expectancy for species);
 - Middle Aged (MA) (from 1/3 to 2/3 through typical life expectancy for species);
 - Mature (M) (over 2/3 through typical life expectancy for species);
 - Over Mature (OM) (beyond typical life expectancy for species);
 - Veteran (V) (of biological, cultural or aesthetic value, usually appears beyond typical age range for species);
 - Various (VAR) (contains more than one of the above classes);
8. Physiology: Considered to be one of the following: Average / Below average / Low / or Dead;
9. Structure: Considered to be one of the following: Good / Moderate / Indifferent / Poor / or Hazardous;
10. Comments: A description of general form, including presence of physical defects, disease or decay and other appropriate details based on vitality, context, potential and overall structural integrity;
11. BS 5837:2012 Category: Each individual tree, group or collection is assigned a category as defined in Table 1 of BS5837:2012;

(Note: a combined rating may be applied where individuals gain a higher category as part of a group or collection);

- U: Trees recommended for removal; in such a condition that any existing contribution would be lost within 10 years; shown with a red canopy edge on Apical Arbor plans;
 - A: Trees of high quality and value; likely to make a substantial contribution for at least 40 years; shown with a green RPA on Apical Arbor plans;
 - B: Trees of moderate quality and value; likely to make a significant contribution for at least 20 years; shown with a blue RPA on Apical Arbor plans;
 - C: Trees of low quality and value; could remain for at least 10 years until new planting has established; young trees with a stem diameter < 150mm; shown with a grey RPA on Apical Arbor plans.
- Subcategories are shown by a number and indicate significant value arising from Arboricultural (suffix 1), Landscape (suffix 2) or Ecological (suffix 3) considerations.

Tree No.	Species	Height (m)	Stem Diameter (mm)	CS N (m)	CS E (m)	CS S (m)	CS W (m)	Crown Clearance (m)	Physiological Condition	Structural Condition	Age Class	Comments
T1	Pillar Apple	6.0	250	2.00	2.00	2.00	2.00	2.00	Average	Good	SM	Single trunk, structure typical for species, provides screen on the boundary and softens the effect of the adjacent built form.
T2	Purple Plum	7.0	350	4.00	4.00	4.00	4.00	2.00	Average	Average	SM	Single trunk, large pruning wounds on the lower canopy. Provides some screening on the boundary and softens the effect of the built form.
T3	Cappadocian Lime	6	250	1.00	1.00	1.00	1.00	3	Average	Poor	Y	semi pollarded tree. Limited screening benefit
T4	European Lime	6	250	1.00	1.00	1.00	1.00	2	Average	Poor	Y	semi pollarded tree. Limited screening benefit
T5	Sycamore	7	4 x 150	3.00	3.00	3.00	3.00	3	Average	Poor	Sm	Likely self seeded, growing against the gate pillar of the road side wall. Of poor form and limited screening benefit.
T6	False acacia	9	450	5.00	5.00	5.00	2.00	4	Average	Indifferent	SM	Single trunk leaning on the gate pillar of the road side brick wall. In contact it the brick for at least half a metre. This tree provides some screening, however, it is causing a structural defect to a wall that is not likely to be remedied by tree work. One sided canopy due to suppression from adjacent tree of better quality.
T7	False acacia	10	450	5.00	5.00	5.00	5.00	3	Average	Average	SM	Single trunk, structure typical for species, likely to be visible for distances up and down the adjacent highway. Provides a screen on the boundary as well as softening the effect of the built form. Likely to be subject to a TPO.
G1	Sycamore, Lime	Max 8	Max 200	3.00	3.00	3.00	3.00	2.00	Average	Poor	Y	Collection of trees on the boundary.
G2	Lawson cypress, Silver birch	Max 14	Max 600	4.00	4.00	4.00	4.00	1.00	Average	Average	Varies	Collection of screening trees on the boundary.

End of Tree Schedule



KEY:

Tree Nos.:	T2	Tree Canopies:	Category 'C' RPA:	

Tree Categories and Root Protection Areas (RPAs)

Surveyed trees have been assigned a category in accordance with Table 1 of BS 5837:2012 'Trees in Relation to Design, Demolition and Construction'. The category is indicated on First Environment plans by the colour of the Root Protection Area (RPA). The RPA delineates the minimum rooting area required to enable tree retention.

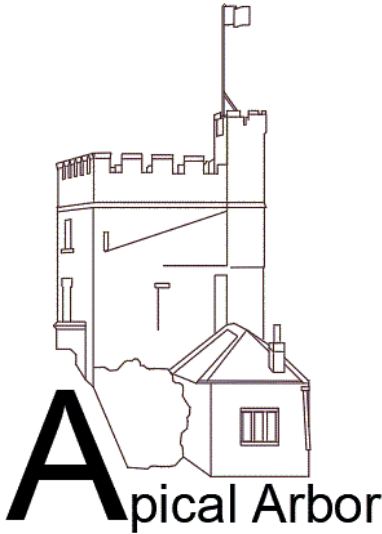
The categories are as follows:

- Category 'A' - Tree of high quality and/or value - **Green RPA**
- Category 'B' - Tree of moderate quality and/or value - **Blue RPA**
- Category 'C' - Tree of low quality and/or value - **Grey RPA**
- Category 'U' - Tree of significantly reduced potential - no RPA unless in third party ownership, then **Grey RPA**.

Project/Client:
Grovelands
Medical Centre,
Reading

Based On: Aerial
Title: Tree Locations Plan
Drawing No: AA TL 01
Date: 13.12.22 | Drawn: PPDB | Checked: PPDB
Note: The original of this drawing was produced in colour - a monochrome copy should not be relied upon. Do not scale from this drawing.

Photographic Record



This photographic record should be used in conjunction with the associated schedule of works (AA TS 01) and the Tree Locations Plan (AA TL 01).

Proposed tree works should not be carried out without written permission from the local authority. This is due to the False Acacia trees being subject to a Tree Preservation Order.

Tree No. 1



Tree No. 2



Looking along the side of the building towards the bus stop



Tree No. 5 – Note repaired brick work adjacent



Tree No. 5



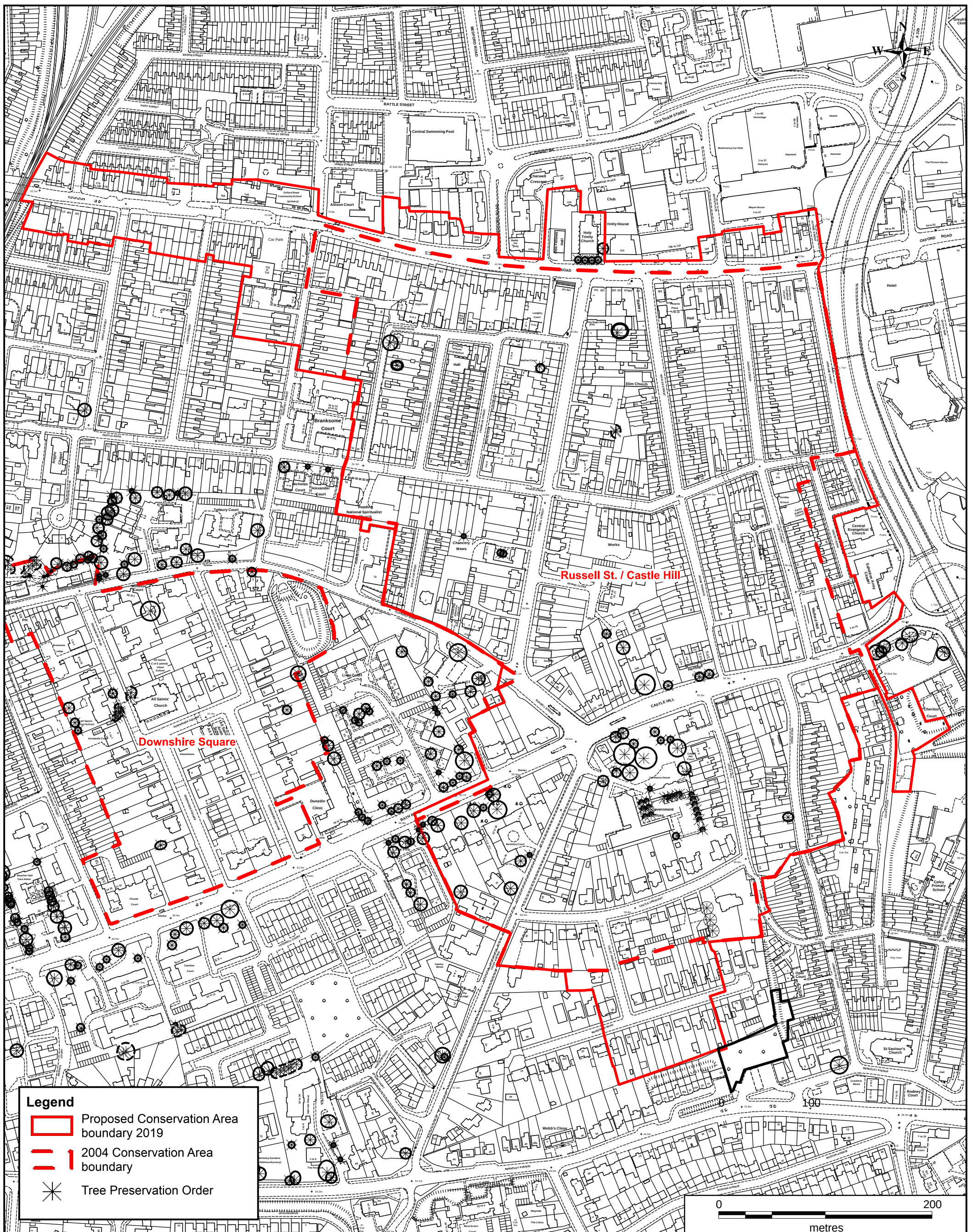
T6 – Growing against brick pillar.



T6 – Gowing against Brick Pillar



End of record



Title: **Russell Street/ Castle Hill Conservation Area**
Figure 4.3.1: Tree Protection Orders within the Conservation Area

Drg.No.: GIS00180

Date: 29/10/2019 Scale at A3: 1:3250

Produced by GIS & Mapping Services

Ref: 7223 - G:\Mapinfo\Data\Client datasets\Environment\Planning & Transport\Conservation\Russell_Castle_Hill_Proposal