

**Arboricultural survey to British
Standard B.S. 5837: 2005
'Trees in Relation to
Construction -
Recommendations'**

**at
78 The Drive,
Ickenham
Middx.**

Introduction

The survey has been carried out in accordance with the recommendations of British Standard B.S. 5837: 2005 'Trees in Relation to Construction'.

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The Tree Survey

The elements of the tree survey data are set out and explained at appendix 1

This tree survey has been conducted at a preliminary level only, that is to say a visual inspection was made from ground level.

Observations

The site has no trees of merit on it. Under a redevelopment proposal the site would benefit from specimen tree planting, a matter which could be secured by means of a planning condition.

Appraisal

There are no trees of merit on the site. The conifer on the western boundary (T1) and the group of three conifers (T2 – T4) on the eastern boundary are set sufficient distance from the proposed house that they can be retained during and after construction. The submitted drawing RAC/5g shows the position of protective tree fencing.

Conclusions

It is concluded that the development of the site can take place without harm to the trees on the site. The trees to be retained during the redevelopment of the site can be properly protected by the placement of protective fencing in the appropriate position in accordance with British Standard B.S. 5837: 2005 'Trees in Relation to Construction'.

Appendix 1
Key to Tree Survey Data

Tree data: In carrying out the survey, the following was assessed for each tree and group of trees:

- Dimensions (height, crown spread, and stem diameter)
- Structural defects of significance and general condition.
- Assessment of the value that the tree provides from a wider landscaping perspective. An assessment of the likely remaining useful contribution in years.
- Based on the above information, a grade of the quality and values for each tree or tree group.

Tree number:

Tree numbers are shown on the tree survey numbering plan. Individual trees are prefixed with the letter T. The trees are described in the tree survey schedule at appendix 2.

Species:

These are listed in the schedule by their common name.

Age class:

An assessment of the relative life stages of the tree where Y = young, MA = middle aged, M = mature, OM = over mature, V = veteran.

Ht. (m):

The height of the tree is measured or estimated to the nearest metre.

Dia. @ 1.5m (mm):

Stem diameter measured at 1.5m above ground level, given in millimetres. Where access to the stem for measurement purposes was not possible, an estimated size is given with (est.) shown. For multi-stemmed tree, stem diameter is taken immediately above root flare.

Crown spread (m):

Crowns measured or estimated in metres, as a maximum radial spread

Condition and observations:

Tree condition summary, shown as GOOD, FAIR, POOR or DEAD. Principal observations are also recorded.

Preliminary management recommendations:

Work required to trees for reasons of sound arboricultural management. This provides management recommendations for trees in their current context and may include the further investigation of suspected defects. Where trees are located in neighbouring property, this is usually not applicable.

Retention span:

Estimated remaining contribution based on species, condition & context. The following longevity bands are used: <10; 10-20; 20-40; 40+.

Grade:

Quality and Value classification where:

R = Trees in such a condition that they are unlikely to have any useful retention span beyond 10 years, and/or in their current context should be removed for reasons of sound arboricultural management.

A = Trees of the highest quality and value, and in such a condition that they are likely to make a useful contribution for 40 years or more.

B = Trees of moderate to high quality and value, and in such a condition that they are likely to make a useful contribution for 20 years or more.

C = Trees of low quality and value, or of no particular merit and in such a condition that they are likely to make a useful contribution for 10 years or more.

Appendix 2
Tree survey data sheets

Tree no	Species	Height	Stem diameter	Crown spread				Age	Condition	Recommendations	Life expectancy	Category
				North	South	East	West					
T1	conifer	7	250	1.5	1.5	1.5	1.5	M	fair	None	<10	C
T2	conifer	5	220	1.3	1.3	1.3	1.3	M	fair	None	10 - 20	C
T3	conifer	5	220	1.3	1.3	1.3	1.3	M	fair	None	10 - 20	C
T4	conifer	4	220	1.3	1.3	1.3	1.3	M	fair	None	10 - 20	C
T5	apple	4m	190	1.6	1.6	1.6	1.6	M	fair	None	10 - 20	C
T6	ornamental	3m	180	1.4	1.6	1.4	1.6	M	fair	None	<10	C

Tree protection plan see drawing [REDACTED] [SD-01](#)