

## TREE SURVEYS

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### IMPORTANT CHANGES THAT WILL AFFECT YOU

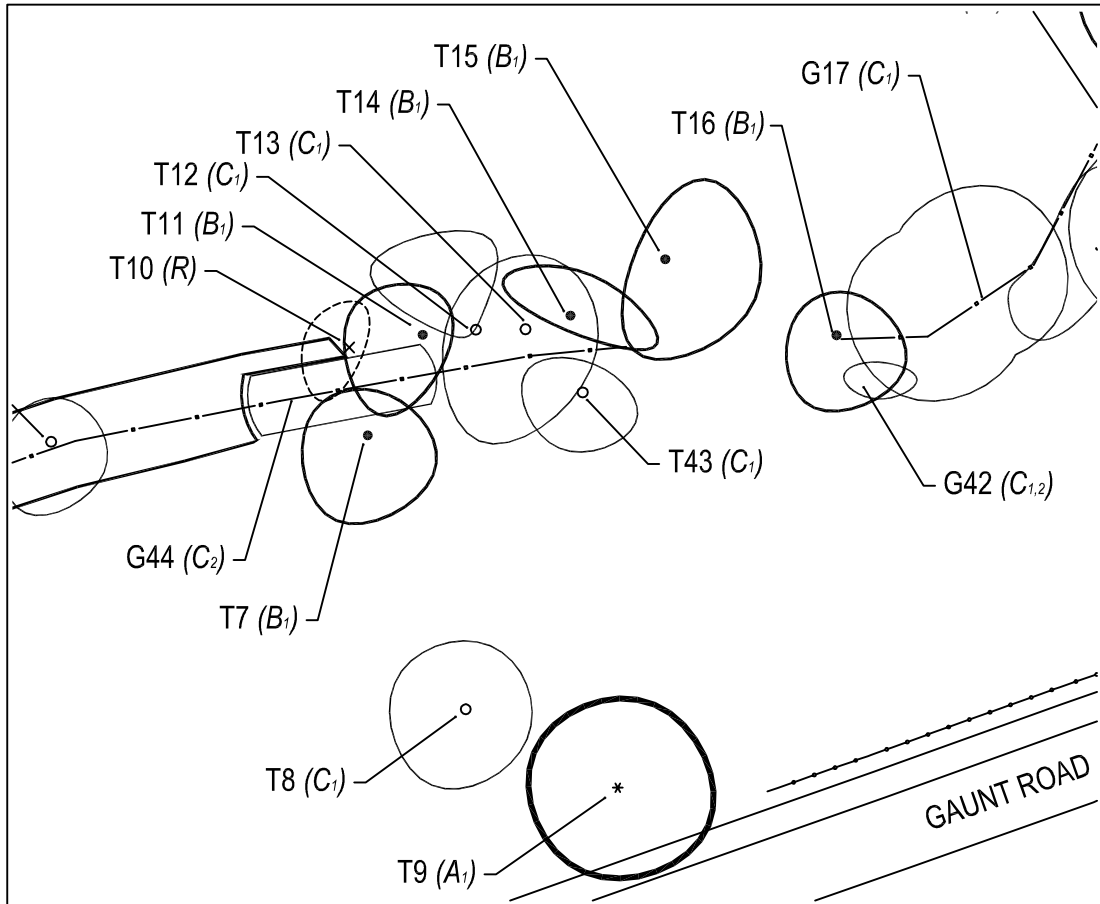
Trees affect development sites in a number of ways and many local authorities are now requesting tree survey information before they will register a planning application. We are therefore writing to advise you of some important changes to the way in which Tree Surveys should be carried out as a result of revisions to British Standard 5837 (Trees in Relation to Construction).

The new document introduces a number of new principles:

- You must now include within any survey not only all trees **within the site boundary** that have a stem diameter of 75mm but also **those up to 12 metres beyond** (exact distance defined as twelve times the stem diameter of the off-site tree). Please ensure that your topographical surveyors are aware that they should include this **additional information** on their drawings.
- Our **Existing Trees on Site drawing** will still form the basis of discussions with the local authority on which trees should remain following development. However any tree assessed as having less than 10 years remaining life will now be given **category R** (and is assumed will be removed). The Local Authority may sometimes ask for some of these to be retained in the short term but this **cannot constrain future development** on site.
- Two factors affecting development – root protection and shading – have been re-defined and will be shown on a new **Tree Constraints Plan**. This will be invaluable to architects in preparing their site layouts.
- The location and design of Tree Protection Fencing has been re-defined. A **Tree Protection Plan** will be drawn up once agreement is reached on tree retention. The Standard recommends that this is accompanied by an **Arboricultural Method Statement**.





All future tree surveys carried out by Popplewell Associates will of course be prepared to the new Standard and will continue to provide important information for architects, engineers and developers. Please consider us if you are in need of tree surveys in the future; rest assured you will always receive an **efficient, friendly service** that offers **value for money**.

February 2006

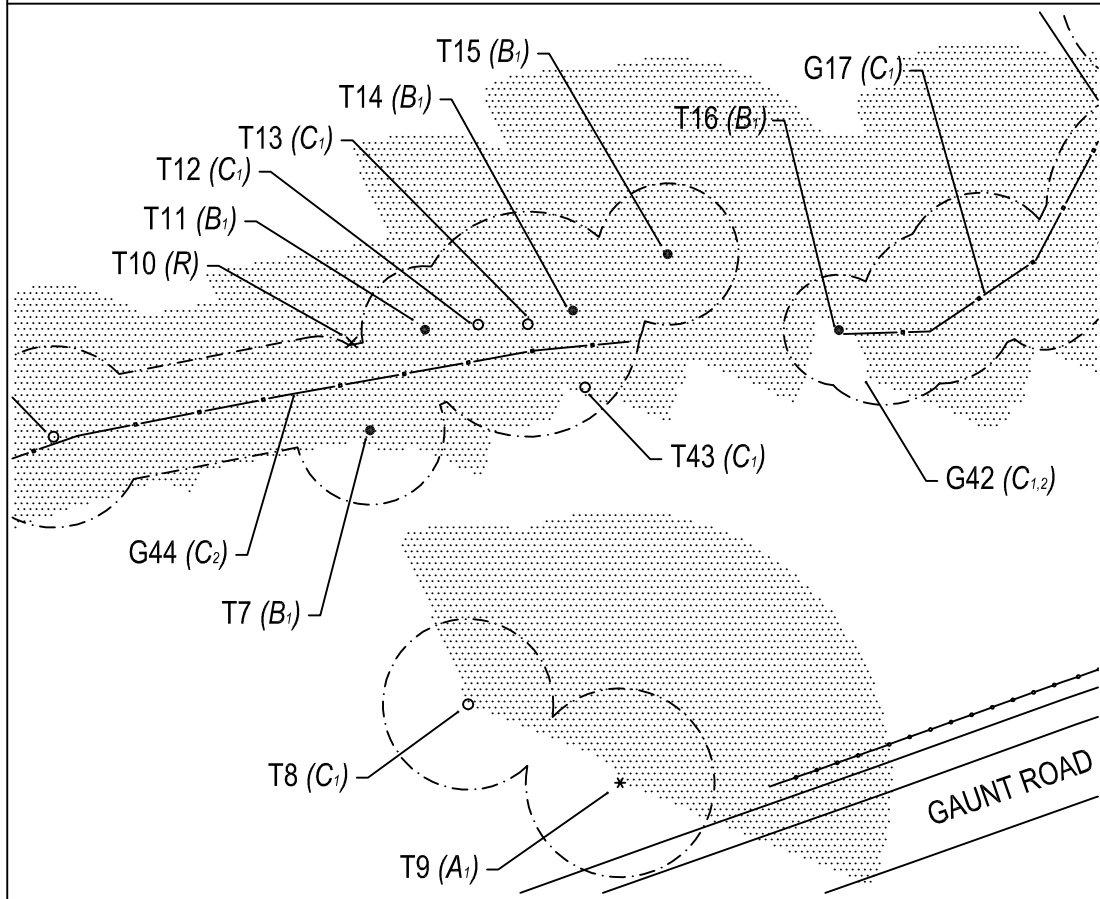


Existing Trees on Site

LEGEND







-  Existing tree, retention categories A1 to A3
-  Existing tree, retention categories B1 to B3
-  Existing tree, retention categories C1 to C3
-  Existing tree, retention category R

Note: Tree retention categories, root protection area and shadow zones as defined by BS 5837:2005



Tree Constraints Plan

LEGEND

-  Existing tree, retention categories A1 to A3
-  Existing tree, retention categories B1 to B3
-  Existing tree, retention categories C1 to C3
-  Existing tree, retention category R
-  Root protection area
-  Shadow zone, existing height

Note: Tree retention categories, root protection area and shadow zones as defined by BS 5837:2005

Tree surveys in accordance with BS5837:2005

Abstracts from typical drawings to accompany report



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EXAMPLE OF DETAILED SCHEDULE OF VEGETATION ON SITE INCLUDED IN A TYPICAL TREE SURVEY DOCUMENT

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Tree number on dwg	Species	Height (m)	Stem diameter (mm)	Branch spread (m)	Age class	Crown clearance (m)	Physiological condition	Estimated remaining contribution (years)	Category grading	Notes / Structural condition	Preliminary management recommendations
T20	Yew	7.5	650	N 5 S 3 E 5 W 3.5	MA	1.5+	Fair	40+	C1	Twin-stemmed tree with dense one-sided crown over footpath. Some branch stubs. Limited individual value.	Prune to clear highway.
G21	1Nr Holly, 1Nr Hawthorn	10	2x230	2.5 radius	MA	0+	Good	20-40	C2	Pair of single stemmed trees with narrow sparse crowns. Not pruned to any extent. No major visual defects.	No action.
T22	Yew	8	500	N 3 S 4.5 E 5 W 3	M	2+	Poor	10-20	C1	Buttswept specimen with wide spreading crown somewhat biased to east. Some decay of the exposed roots and correction of crown.	No action at present.
T23	Sycamore	18	950	N 7 S 5.5 E 6 W 7	M	5	Good	40+	A1	Major tree with high spreading crown; forks into two at 1.2m. Some ivy in crown and minor deadwood. Not pruned to any extent. No major visual defects.	Remedial prune.
T24	Sycamore	18	450	N 7.5 S 3.5 E 6.5 W 4.5	MA	5	Good	20-40	B1	Substantial single stemmed tree on site boundary. Dense crown extends over main road.	No action.
G25	2Nr Holly	<8	280	5m radius	MA	1.5	Fair	10-20	C2	Pair of single stemmed tree with thin high crowns. Covered in dense ivy. Dead stem in one tree. Not pruned to any extent. No major visual defects.	Remove deadwood and clean out.
G26	5Nr Yew	<12	390	4.5m radius	M	2+	Good	40+	A2	Very attractive trees on street frontage; all have single stems and dense spreading crowns. Some tight unions and crossing branches. Not pruned to any extent. No major visual defects.	No action.