

Application for Residential Development at
Mitton Road, Whalley

Tree Report

July 2012



Where quality lives

David Wilson Homes

Contents

	Page
1.0 Introduction	3
Appendix 1: Extract from BS5837: 2005 <i>Trees in relation to construction – Recommendations</i> Table 1 – Cascade chart for tree quality assessment	
Appendix 2: Tree Data Tables	
Drawing P.251.12.01 <i>Tree Survey</i>	

1.0 Introduction

- 1.1 Pinnacle Environment Ltd has been instructed by David Wilson Homes to carry out an assessment of the vegetation within and immediately adjacent a site located off Mitton Road, Whalley.
- 1.2 The site was visited on 02 March 2012, when details of the trees within and adjacent the site were recorded to British Standard 5837: 2005 *Trees in relation to construction – Recommendations*. The output from the survey work has been recorded in tabular format within the following pages, which can be cross referenced with drawing P.251.12.01 *Tree Survey*.
- 1.3 It should be noted that the survey has been undertaken from ground level and that no trees were climbed as part of the survey work. All inspections are visual only; no invasive techniques have been employed during the survey work.
- 1.4 Recommendations are made on the basis of tree health and condition at the time of the survey, as well as the requirement for works associated with the proposed development of the site given the plans available to us at the time of the survey. Consideration should be given to any potential influences that may affect tree health & condition after the time of the survey, for example extremes of weather, new development (or alterations to proposed layouts), as well as pests and diseases.
- 1.5 In advance of the commencement of any works recommended within this report, checks should be carried out to establish the presence / absence of any statutory controls (Tree Preservation Orders, Conservation Areas, Planning Conditions or the requirement for a Felling Licence) and appropriate notifications carried out or consent secured. Due diligence surveys / checks should also be carried out in respect of protected species and habitats prior to the commencement of works.
- 1.6 This report provides information relating to baseline conditions existing on site at the time of the survey and does not purport to offer opinion or advice in relation to the potential development of the site. This report should not be considered as an Arboricultural Implications Assessment or Arboricultural Method Statement in the context of the Terms & Definitions contained within BS5837: 2005.



Appendix 1

T. No	Species	Ht (m)	Stem DBH (mm)	RPA/Radius Max offset	Branch Spread				Ht Crown Clearance (m)	Age Class	P Condition	Structural Condition & General Comments	Preliminary Recommendations	Est. (yrs)	Cat Grade
					N	S	E	W							
T1	Ash	8	190	16.33	3	2	2	1.5	1.8	EM	F	Good form, poor location close to boundary wall and adjacent building. Ring-barked by sheep grazing. Retention unsustainable.	Replace.	10	R
				2.28											
				0.456											
G1	Alder, Rowan, Beech, Pear, Weeping Willow	10	220	21.89564416	4	4	4	4	1	EM	F	Off site in adjacent gardens.	Crown lift over site where necessary.	40+	B2
				2.64											
				0.528											
T2	Alder	11	260	30.58151953	3	3	3	4	2.2	EM	F	Off site in adjacent gardens.	No works required at present.	30	B2
				3.12											
				0.624											
T3	Chestnut	5	580	152.1837747	2	2	2	2	2	EM	P	Heavily topped in past. Off site.	Monitor.	20	C1
				6.96											
				1.392											
T4	Horse Chestnut	15	750	254.4690049	7	9	7	8	4	M	F	Twin stem from 1m. Included unions. Topped & pruned in past, off site.	No works required at present.	20	B2
				9											
				1.8											
T5	Lime	18	820	304.1865936	10	9	8	7	3.5	M	F	Pruned in past. Good form, off site.	No works required at present.	40	B2
				9.84											
				1.968											
G2	Hybrid Black Poplar	20	490	108.618681	7	6	5	5	2.5	M	P	Deadwood and cankers, off site. Low quality.	No works required at present although removal / replacement in the medium term may be required.	20	B2
				5.88											
				1.176											
T6	Sycamore	7	480	104.2305044	5	4	5	4	1.6	EM	F	Off site. Ivy on main stem.	No works required at present.	40+	B2
				5.76											
				1.152											
T7	Sycamore	16	830	311.6510178	6	6	7	6	3	M	F	Minor deadwood and broken branches.	Remove deadwood and stubs.	40	B2
				9.96											
				1.992											
T8	Sycamore	15	680	209.1848318	7	6	6	5	2.2	M	F	Minor deadwood and broken branches.	Remove deadwood and stubs.	40	B2
				8.16											
				1.632											
T9	Sycamore	15	670	203.08	5	4	9	8	1.1	M	F	Minor deadwood and crossing branches.	Crown lift to 3.5m over site.	40	B2
				8.04											
				1.608											

Key to Abbreviations & Headings

T. No.: Tree number (T = Tree, G – Group, W = Woodland, H = Hedge, Cpt. = Compartment)
 Stem DBH (Diameter at Breast Height): Measured at 1.5m above ground level*
 Ht Crown Clearance: Canopy ground clearance
 Structural Condition: Description of any observed defects
 Cat. Grade: Tree quality assessment in accordance with BS5837: 2005
 Doc. No.: 054 / Issue No.: 002 / April '11

Species: Common name used
 RPA/Radius/Max. Offset: Root Protection Area as per BS5837: 2005
 Age Class: Y = Young, EM = Mature, M = Mature, OM = Over mature, D = Dead
 Preliminary Recommendations: Made in respect of known / intended use of the site
 * For groups of trees, the stem diameter of the largest tree in the group is generally used

Ht: Height of tree from ground level measured in metres
 Branch Spread: Extent of canopy spread in metres to each of the four cardinal points
 P (Physiological) Condition: G = Good, F = Fair, P = Poor, D = Dead
 Est. (yrs): Estimated remaining contribution in years

T. No	Species	Ht (m)	Stem DBH (mm)	RPA/Radius Max offset	Branch Spread				Ht Crown Clearance (m)	Age Class	P Condition	Structural Condition & General Comments	Preliminary Recommendations	Est. (yrs)	Cat Grade
					N	S	E	W							
T10	Sycamore	16	760	261.300084	4	8	3	4	2	M	F	Deadwood. Ganoderma fruiting body at base. Ribbing to lower stem indicates potential internal crack or decay.	Remove deadwood and monitor. Consider replacement in the short / medium term.	40	B2
				9.12											
				1.824											
T11	Sycamore	16	740	247.7284037	10	9	3	7	1.8	M	F	Minor deadwood.	Remove deadwood and monitor.	40	B2
				8.88											
				1.776											
T12	Oak	17	930	391.271542	9	9	5	7.5	1.9	M	F	Minor deadwood.	Remove deadwood and monitor.	40	B2
				11.16											
				2.232											
T13	Ash	14	340	52.29620795	5	5	6	3	1.7	EM	F	Ivy on main stem, leans over into site.	Sever Ivy, monitor.	30	C1
				4.08											
				0.816											
T14	Oak	16	780	275.2336757	8	7	5	6	1.3	M	F	Deadwood, minor cavities.	No works required at present.	40	B2
				9.36											
				1.872											
G3	Hawthorn, Elder	6	200	18.09557368	3	3	3	3	0.3	M	F	Linear group. Old hedgerow previously laid in parts. Gaps throughout.	No works required at present. Some removals may be required to accommodate a development proposal, however this can be mitigated by planting up gaps to create a stronger feature.	40	B2
				2.4											
				0.48											
T15	Oak	15	1050	498.7592497	9	10	12	9	1.7	M	F	Deadwood, basal cavities and indications of internal decay. Some historical splits in scaffolds.	Remove deadwood and monitor.	30	B2
				12.6											
				2.52											
T16	Ash	16	1180	629.90692	11	11	11	7	1	OM	P	Cavities, deadwood and decay, broken branches. Declining, structurally poor. Retention in its current form in a residential context not advisable.	Fell and replace or reduce back to habitat stick as standing timber.	<10	R
				14.16											
				2.832											
T17	Ash	16	1080	527.6669286	9	8	11	12	2.2	M	F	Previous broken scaffold branches. Twin stem from 1.5m. Deadwood & cavities. Near end of safe useful life expectancy. Retention in its current form in a residential context may not be advisable.	Monitor. May be best to replace at this stage.	15	C1
				12.96											
				2.592											

Key to Abbreviations & Headings

T. No.: Tree number (T = Tree, G – Group, W = Woodland, H = Hedge, Cpt. = Compartment)
 Stem DBH (Diameter at Breast Height): Measured at 1.5m above ground level*
 Ht Crown Clearance: Canopy ground clearance
 Structural Condition: Description of any observed defects
 Cat. Grade: Tree quality assessment in accordance with BS5837: 2005
 Doc. No.: 054 / Issue No.: 002 / April '11

Species: Common name used
 RPA/Radius/Max. Offset: Root Protection Area as per BS5837: 2005
 Age Class: Y = Young, EM = Mature, M = Mature, OM = Over mature, D = Dead
 Preliminary Recommendations: Made in respect of known / intended use of the site
 * For groups of trees, the stem diameter of the largest tree in the group is generally used

Ht: Height of tree from ground level measured in metres
 Branch Spread: Extent of canopy spread in metres to each of the four cardinal points
 P (Physiological) Condition: G = Good, F = Fair, P = Poor, D = Dead
 Est. (yrs): Estimated remaining contribution in years

T. No	Species	Ht (m)	Stem DBH (mm)	RPA/Radius Max offset	Branch Spread				Ht Crown Clearance (m)	Age Class	P Condition	Structural Condition & General Comments	Preliminary Recommendations	Est. (yrs)	Cat Grade
					N	S	E	W							
T18	Ash	18	890	358.34	8	7	7	8	0.5	OM	P	Declining, deadwood, broken branches. Decay column to main stem. Cavities. Basal decay. Very large decay column. Retention in its current form in a residential context not advisable.	Fell and replace or reduce back to habitat stick as standing timber.	<10	R
				10.68											
				2.136											
T19	Ash	17	1090	537.4837774	7	11	6	7	0.5	FM	F/P	Deadwood and broken branches. Cavities & internal decay. Swelling at base indicating possible internal decay. Retention in its current form in a residential context not advisable.	Fell and replace or reduce back to habitat stick as standing timber.	<10	R
				13.08											
				2.616											
G4	Hawthorn, Ash, Hazel	6	180	14.65741468	3	3	3	3	0	EM/M	F	Scrubby group.	Remove & replace as may be required by the proposed development.	30	C2
				2.16											
				0.432											
T20	Ash	12	520	122.3260781	5	4	6	5	1	EM	F	Good form. Deadwood and stubs.	Monitor.	40+	C2
				6.24											
				1.248											
T21	Oak	14	980	434.4747242	11	8	10	9	1.8	M	F	Minor deadwood. Cavity at 1.8m west side.	No works required at present.	40	B2
				11.76											
				2.352											
T22	Oak	15	760	261.300084	8	8	9	7	1	M	F	Deadwood.	Crown lift over site to 4m.	40	B2
				9.12											
				1.824											
T23	Holly	6	280	35.46732442	3	2	4	3	0.3	M	F	Boundary tree.	No works required at present.	30	C1
				3.36											
				0.672											
G5	Sycamore and Ash	18	690	215.3825658	9	9	9	9	2	M	F	Off site but overhang boundary. Crossing / rubbing branches.	Monitor.	30	B2
				8.28											
				1.656											
T24	Atlantic Cedar	12	300	40.71504079	3	3	3	3	1.2	EM	F	Off site within adjacent garden.	No works required at present.	60+	C2
				3.6											
				0.72											
T25	Ash	16	520	122.3260781	8	8	6	9	1.3	EM	F	Multi-stem from 0.5m. Deadwood / stubs, Ivy.	Monitor, crown lift over site to 5m.	20	C1
				6.24											
				1.248											

Key to Abbreviations & Headings

T. No.: Tree number (T = Tree, G – Group, W = Woodland, H = Hedge, Cpt. = Compartment)
 Stem DBH (Diameter at Breast Height): Measured at 1.5m above ground level*
 Ht Crown Clearance: Canopy ground clearance
 Structural Condition: Description of any observed defects
 Cat. Grade: Tree quality assessment in accordance with BS5837: 2005
 Doc. No.: 054 / Issue No.: 002 / April '11

Species: Common name used
 RPA/Radius/Max. Offset: Root Protection Area as per BS5837: 2005
 Age Class: Y = Young, EM = Mature, M = Mature, OM = Over mature, D = Dead
 Preliminary Recommendations: Made in respect of known / intended use of the site
 * For groups of trees, the stem diameter of the largest tree in the group is generally used

Ht: Height of tree from ground level measured in metres
 Branch Spread: Extent of canopy spread in metres to each of the four cardinal points
 P (Physiological) Condition: G = Good, F = Fair, P = Poor, D = Dead
 Est. (yrs): Estimated remaining contribution in years

- KEY**
- Existing tree proposed for retention
 - Existing tree to be removed / replaced (T1)
 - Existing tree - treatment to be agreed (T16, T18 & T19 - may be retained as habitat sticks)
 - Existing group or hedgerow
 - Extent of Root Protection Area in accordance with BS5837: 2005 Trees in relation to construction - Recommendations
 - Notional Root Protection Area where treatment of trees is to be agreed



REV	DESCRIPTION	DATE

DO NOT SCALE
 © This drawing, including the design and technical information contained on it, is the property of Pinnacle Environment Ltd. The drawing may only be used for the specific purpose for which it has been intended and may not be reproduced or copied without prior permission.

Pinnacle Environment Ltd
 Lakeside Building
 Alexandra Business Park
 Prescott Road, St Helens
 Merseyside WA10 3TP
 t: 0845 463 4404 f: 0845 463 4405
 e: info@landscapetreeseecology.com
 www.landscapetreeseecology.com

CLIENT: David Wilson Homes
 PROJECT: Milton Road, Whalley
 DRAWING TITLE: Tree Survey

SCALE: 1:500 @ A0	DRAWING NO:	REV:
DRAWN BY: CHD BY: DATE: AM AM 06/03/2012	P.251.12.01	-