



**TREE SURVEY TO BS5837:2012**

KEY COLOUR	QUALITY	DESCRIPTION
GREEN	<b>A: HIGH</b>	Vigorous healthy good form, visually important, historic or rare
BLUE	<b>B: MODERATE</b>	Slightly impaired condition, numerous immature, 'A' potential
GREY	<b>C: LOW</b>	Adequate condition requiring minimal surgery
RED	<b>U: FELL</b>	Dead dying, dangerous insecure rooting, significant fungal disease
GREEN	<b>SHRUBS</b>	

**SUB-CATEGORY:**

- ARBORICULTURAL
- LANDSCAPE
- CULTURAL/CONSERVATION

--- Site Boundary

In accordance with BS5837:2012 'Trees in relation to design, demolition and construction', offsite trees within a distance equal to 12x stem diameter from boundary should be surveyed. In accordance with good working practice, all trees within 12m of the site boundary have been surveyed.

The original of this drawing is produced in colour - a monochrome copy should not be relied upon.

**LIMITATION OF THIS SURVEY**  
 This survey records amenity quality and desirability of tree retention in relation to proposed construction by visual inspection from ground level where accessible.

It does not constitute a Tree Inspection or detailed report on condition.

Tree heights and spread approximate. The diameter of single stem trees is taken at 1.5m above ground level. For the diameter of multistemmed trees, each multistem is measured at 1.5m above ground level and calculated to give a notional diameter as if all multistems were fused into one stem.

The branch spread is an accurate representation of the crown as clause 4.4.2.5 (e)

Tree inspections should take place annually in September/October when trees are in leaf.

Tree positions are based on topographic survey drawing number CODA/309/SP, by HH Surveys Ltd, dated SEPT 2017

**TREE CONSTRAINTS**

**ROOT PROTECTION AREA (RPA)**  
 Root Protection Areas have been calculated on the following basis:

Single stems: Area equivalent to circle of radius 12 x stem diameter at 1.5m

Multistems: Area equivalent to circle of radius 10 x diameter at ground level.

Root Protection Areas shaped due to obstruction to root spread e.g. retaining wall, water course.

RPA of pollarded or topped trees has been reduced to an area appropriate to actual canopy spread.

NO	TPO ref	TREE SPECIES Com m on Name	TREE SPECIES Scientific Name	HEIGHT m	SPREAD m	Clear stem (m)	DIA stem (mm)	N	CAT.	Life Stage	Life exp yrs	NOTES	RECOMMENDATIONS
T1	5 / T1	Copper Beech	Fagus sylvatica f. purpurea	15	20	1.5	800		A2	Mature	40+	Wire through canopy, ivy at base, inoculation at 3m	
T2		Ash	Fraxinus excelsior	10	5	5	150		C2	Young	40+	Suppressed, lean south west	Fell
T3		Ash	Fraxinus excelsior	8	6	3	250		C2	Young	40+	Suppressed, severe lean south west	Fell
T4		Hawthorn	Crataegus monogyna	9	5	1	150		C2	Young	40+	Suppressed	
T5		Ash	Fraxinus excelsior	8	5	4	120		C2	Young	40+	Suppressed	
T6		Ash	Fraxinus excelsior	8	4	3	100		C2	Young	40+	Suppressed	Fell
T7		Ash	Fraxinus excelsior	10	5		250	N	C2	Young	40+	Suppressed, multistem, wire in canopy	Fell
T8		Hawthorn	Crataegus monogyna	7	4		120	N	C2	Young	40+	Suppressed, multistem	
T9		Hawthorn	Crataegus monogyna	8	5		275	N	C2	Early-Mature	40+	Suppressed, multistem	
T10		Holly	Ilex aquifolium	7	5		75		C2	Young	40+	Suppressed, approx 5 no. Lean	Fell
T11		-	-	7	5	2	250		U	Early-Mature	0	Dead	Fell
G12		Leyland cypress	Cupressus x leylandii	9	5		300		C2	Sem i-Mature	40+	20 no. Approx, at 1m spacing	Fell
T13		Cherry	Prunus sp.	12	5		300		C2	Sem i-Mature	40+	Suppressed	Clear to 1.5m
T14		Apple	Malus domestica	3.5	4	1	120		C2	Early-Mature	20+	Suppressed	
T15		Ash	Fraxinus excelsior	8	4	2	150		C2	Young	40+		Fell
T16		Laurel	Laurus nobilis	6	5		220	N	C2	Sem i-Mature	20+	Multistem	Fell
T17		Cherry	Prunus sp.	4	3		75		C2	Young	40+		
T18		Yellow Cypress	Cupressus nootkatensis	7	4		200		C2	Early-Mature	40+		Fell
T19		Ornamental		6	4		150	N	C2	Sem i-Mature	20+	Multistem, lean south west	Fell

**OFF-SITE TREES**

OSA	Fir	Abies procera	9	4	1	220		C2	Sem i-Mature	20+		
OSB	Apple	Malus domestica	2.5	1		200	N	C2	Sem i-Mature		Multistem, cut back	
OSC	Hawthorn	Crataegus monogyna	8	5	2	200		C2	Sem i-Mature			
GOSD	Ash	Fraxinus excelsior	8	4		120		C2	Young		Approx 10 no.	
OSE	Hawthorn	Crataegus monogyna	7	3		150		C2	Young		Multistem	
OSF	English Elm	Ulmus minor var. vulgaris	13	9		400	N	U	Sem i-Mature	0	DEAD, Twin stem at base, Dutch Elm Disease (peeling bark, coral spot)	Recommend Fell by landowner
OSG	Golden Chain Tree	Laburnum	7	4		150	N	C2	Young	20+	Multistem	
OSH	Ginkgo	Ginkgo biloba 'Fastigiata'	14	4	2	300		B2	Sem i-Mature	40+	Ivy	
OSI	Ash	Fraxinus excelsior	4	4		100		C2	Young		Supressed	



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Job TIVY DALE CLOSE, BARNSELY

Title TREE CONSTRAINTS PLAN

scale@A3	drawn	date	job number	number	revision
1:250	CB	DEC 18	887	TDC 02	-