

Tree Survey data

This survey is an assessment of the existing site and any recommendations are preliminary and do not reflect a particular layout or proposal.

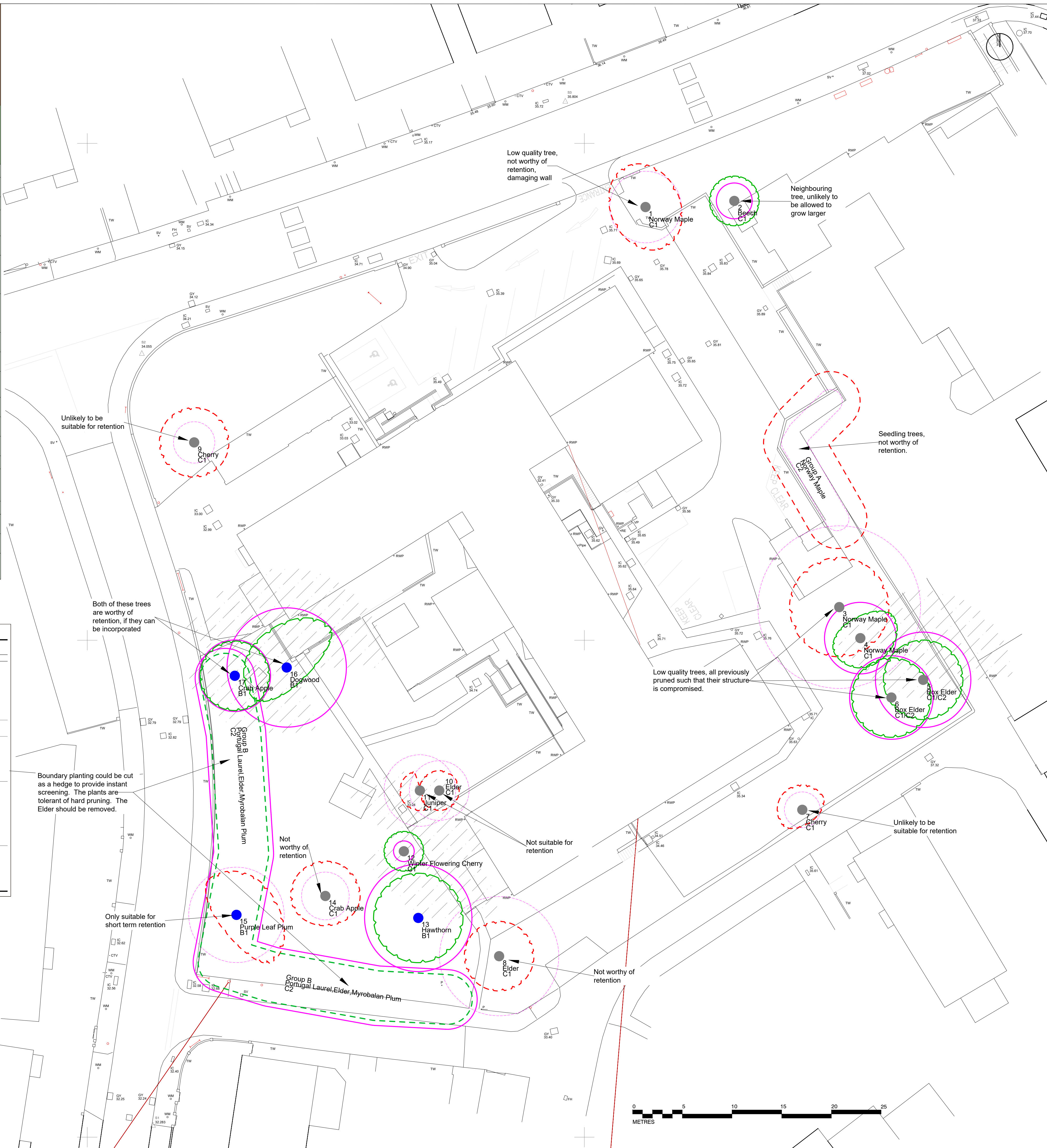
Key

Age Class	Y = Young (Less than 1/3 of normal expected life)	OM = Over-mature or in decline
	SM = Semi-mature (1/3 – 2/3 of normal expected life)	V = Veteran
	M = Mature	
Main Stem Diameter	Measured at 1.5 metres above ground or in accordance BS5837: 2012 Annex C and D	
Height	Estimated or measured with clinometer where considered critical (m)	
Crown spread	At cardinal points (m)	
RPA (Radius)/Area	Distance in metres from centre of tree to achieve a circular Root Protection Area/ Root Protection Area in square metres.	
Remaining Contribution	Estimated number of years the tree may contribute in a safe condition	

ref.	Species	Age Class	Observations: Factors affecting the quality and value of the trees	DBH (mm)	Height (m)	Lower crown height (m)	Ultimate height (m)	Crown Spread N (m)	Crown Spread E (m)	Crown Spread S (m)	Crown Spread W (m)	Category	Remaining Contribution (yrs)	Preliminary management recommendations	RPA radius (m)	RPA (m²)
1	Norway Maple	SM	Dieback in crown. Causing direct damage to retaining wall.	300	10	2	10	4.5	2.5	2.5	2.5	C1	20+	Not suitable for retention.	3.6	40.72
2	Beech	Y	Tree on neighbouring property therefore not closely inspected. Previously pruned.	150	8	2	8	2.5	2.5	2.5	2.5	C1	40+	No work required.	1.8	10.18
Group A	Norway Maple	Y	Not site appropriate. Not worthy of retention.	100	10	0	18	3	3	3	3	C2	40+	Fell and replace.	1.2	4.52
3	Norway Maple	M	Multi-stemmed form. Not worthy of retention. Previously cut at 10m to a low standard. Phytophthora bleeds on stems	682	14	2	14	5	5	5	5	C1	20+	Fell and replace.	8.18	210.24
4	Norway Maple	SM	No visible defects seen. Suppressed.	300	12	2	12	2	3	4	3	C1	40+	Could be retained with space. No work required.	3.6	40.72
5	Box Elder	M	Suckers around stem base. Previously cut at 5m to a low standard.	400	9	2.5	9	4	4	4	4	C1/C2	20+	Remove dead wood greater than 25mm in diameter. Remove broken/damaged branches.	4.8	72.39
6	Box Elder	M	Suckers around stem base. Previously cut at 5m to a low standard.	350	8	2.5	8	4	4	4	4	C1/C2	20+	Remove dead wood greater than 25mm in diameter. Remove broken/damaged branches.	4.2	55.42
7	Cherry	Y	No visible defects seen.	150	5	1.5	12	2.5	1.5	2.5	2.5	C1	20+	Could be retained with space. No work required.	1.8	10.18
8	Elder	M	Now in last third of safe useful life expectancy. Not worthy of retention. Dieback in crown.	500	6	2	6	3.5	3.5	3.5	3.5	C1	<10	Fell and replace.	6	113.11
Group B	Portugal Laurel, Elder, Myrobalan Plum	M	Lapsed hedge with natural generation growth.	250	8	0	8	2.5	2.5	2.5	2.5	C2	40+	Could be retained. Remove Elder. Cut retained boundary plants as a hedge	3	28.28
9	Cherry	SM	No visible defects seen. Unlikely to be considered suitable for retention.	173	5	1.5	12	3.5	3.5	3.5	3.5	C1	40+	Fell and replace.	2.08	13.59
10	Elder	M	Multi-stemmed form. Unlikely to be considered suitable for retention.	250	6	0.5	12	2	2	2	2	C1	20+	Fell and replace.	3	28.28
11	Juniper	M	Multi-stemmed form. Unlikely to be considered suitable for retention.	300	4	0	4	0	2	2	2	C1	40+	Fell and replace.	3.6	40.72
12	Winter Flowering Cherry	Y	Multi-stemmed form.	87	5	1	8	2	2	2	2	C1	40+	Could be retained with space.	1.04	3.4
13	Hawthorn	M	Scattered minor dead wood throughout crown. Previously pruned	450	5	1.5	8	4.5	4.5	4.5	4.5	B1	40+	Could be retained with space. Remove dead wood greater than 25mm in diameter.	5.4	91.62
14	Crab Apple	SM	Not worthy of retention. Dieback in crown.	200	6	1.5	6	3.5	3	3.5	3.5	C1	10+	Fell and replace.	2.4	18.1
15	Purple Leaf Plum	M	No visible defects seen. Now in last third of safe useful life expectancy.	400	6	1.5	6	4	2	6	4.5	B1	20+	Could be retained in the short-term. No work required.	4.8	72.39
16	Dogwood	M	Multi-stemmed form. No visible defects seen.	500	10	1.5	10	4	2	6	4.5	B1	40+	Could be retained with space. No work required.	6	113.11
17	Crab Apple	M	No visible defects seen. Suppressed. Scattered minor dead wood throughout crown.	300	7	1.5	7	3.5	3.5	3.5	3.5	B1	40+	Could be retained. Remove dead wood greater than 25mm in diameter.	3.6	40.72

BS5837:2021 Cascade Chart for Tree Quality Assessment Trees to be considered for retention

Category and definition	Criteria (Including subcategories where appropriate)	On Plan
Trees unsuitable for retention		
Category U Trees in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years	- Trees that have a serious, irremediable, structural defect, such that their early loss is expected due to collapse, including those that will become unstable after removal of other category U trees (e.g. where, for whatever reason, the loss of companion trees cannot realistically be mitigated by pruning) - Trees that are dead or are showing signs of significant, immediate, and irreversible overall decline - Trees infected with pathogens of significance to the health and/or safety of other trees nearby, or very low quality trees suppressing adjacent trees of better quality	
NOTE: Category U trees can have existing or potential conservation value which it might be desirable to preserve		
	1. Mainly arboricultural qualities	2. Mainly landscape qualities
Category A Trees of high quality with an estimated remaining life expectancy of at least 40 years	Trees that are particularly good examples of their species, especially if rare or unusual; or those that are essential components of groups or formal or semi-formal arboricultural features (e.g. the dominant and/or principal trees within an avenue)	Trees, groups or woodlands of particular visual importance as arboricultural and/or landscape features
Category B Trees of moderate quality with an estimated remaining life expectancy of at least 20 years	Trees that might be included in category A, but are downgraded because of impaired condition (e.g. presence of significant though remediable defects, including unsympathetic past management and storm damage), such that they are unlikely to be suitable for retention for beyond 40 years; or trees lacking the special quality necessary to merit the category A designation	Trees present in numbers, usually growing as groups or woodlands, such that they attract a higher collective rating than they might as individuals; or trees occurring as collectives but situated so as to make little visual contribution to the wider locality
Category C Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150 mm	Unremarkable trees of very limited merit or such impaired condition that they do not qualify in higher categories	Trees with material conservation or other cultural value
		Trees with no material conservation or other cultural value



This drawing is the property of Andrew Belson Arboricultural Consultant. Copyright is reserved by him and the drawing is issued on the condition that it is not copied, reproduced, retained or disclosed to any unauthorised person either wholly or in part without the consent of Andrew Belson.

NOTES Based on survey drawing BES25201 Rev A

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

KEY	
	GRADE A TREES
	GRADE B TREES
	GRADE C TREES
	GRADE U TREES
	ROOT PROTECTION AREA
	CANOPY OUTLINE - INDIVIDUAL TREE
	CANOPY OUTLINE - GROUPS
	CANOPY OUTLINE - FUTURE POTENTIAL
	TREES THAT COULD BE REMOVED
	INDICATIVE SHADE AREA

Rev	Description	Date
1	Purpose of Issue	
1	Planning	
The Tree House, 1a First End Station Road, Uppingham Oakham LE15 9TX Client		
t: 01572 823637 e: info@belsontreesurvey.co.uk		
Building Construction Partnership		
Project		
Dene Holm, Hunt Road, Northfleet, Gravesend		
Drawing Title		
TREE CONSTRAINTS PLAN		
Drawn	Checked	Reviewed
AMB	—	—
Job No.	Scale	Sheet Size
5925	1:200	A1
Drawing Number	Date	
5925.Gravesend.RDT.TCP	21/08/25	
Revision		—