

Tree Survey Schedule

Site: Timbers
 Woolverstone
 14/07/2023
 Arboricultural Consultant/Surveyor: J Choat
 Weather: Overcast, rain, light wind

Tree ref	Species Common and Scientific	Height in m	Stem diameter in mm	Radial distance required for RPA	Branch spread			Height of crown clearance in m	Age class	Ground condition	Water demand	Observations	Preliminary management recommendations	Works urgency	Estimated remaining contribution in years	Category grading
					N	E	S	W								
T1	Lime Tilia Sp	10	800	9.6	3	3	3	3	2	Grass	Moderate	Large cavity at base. Stem hollowed. Recently pollarded. Significant amount of basal preventing full inspection.	Clean basal to 1.5m. Repollard every 3-5 years depending on vigour.	3	20	C1
T2	Lime Tilia Sp	10	800	9.6	3	3	3	3	2	Grass	Moderate	Recently pollarded. Significant amount of basal preventing full inspection.	Clean basal to 1.5m. Repollard every 3-5 years depending on vigour.	3	20	B1
T3	Ash leaved maple Acer negundo	12	520	6.24	5	5	5	5	2	Bare soil	Moderate	Leaning stem. Over extended laterals with tension wood evident. Slight misshaped crown due to adjacent tree recently removed.	Reduce crown by 2-3m to reshape and balance.	3	20	B1
T4	Walnut Juglans regia	10	280	3.36	4	4	4	4	1	Bare soil	Moderate	Leaning stem.	None	0	20	C1
G1	Lawson's Cypress Chamaecyparis lawsoniana	12	450	5.4	2	2	2	2	0	Bare soil	High	1 Western red cedar and 1 Lawson cypress.	None	0	20	C1
T5	Scots Pine Pinus sylvestris	12	390	4.68	3	3	3	3	3	Bare soil	Moderate	Good condition.	None	0	30	A1
T6	Norway Maple Acer platanoides	12	250	3	2	4	4	4	1	Grass	Moderate	Royal red variety. Suppressed crown on northern aspect due to shading.	None	0	20	B1
T7	Norway Maple Acer platanoides	18	590	7.08	5	5	5	5	1	Bare soil	Moderate	Good condition.	None	0	30	A1
T8	Sycamore Acer pseudoplatanus	18	610	7.32	4	4	4	4	5	Bare soil	Moderate	Congested area limiting growth and visibility. Ivy recently severed to 1m.	None	0	30	B1
G2	Sycamore Acer pseudoplatanus	18	610	7.32	4	4	4	4	5	Bare soil	Moderate	Congested area limiting growth and visibility. Ivy clad stems to higher crown.	Sever ivy to 1m up stem and allow to die off.	0	30	B1

T9	Oak Quercus robur	19	1590	19.08	5	5	5	5	5	2	M	Grass	High	Aged tree (approx. 250 years - Mitchels rule applied). Occasional veteran associations - tear wound at 3m north side, large split in reduced primary lateral at 10m north side, some deadwood within crown. Reduced lateral spread / high pollard resulting in unusual narrow crown habit, will require future crown works to maintain structure. Leaves are good colour, size and shape for time of year, no evidence of fungal decay. Tree likely to make a future veteran tree.	None	0	40	A1/2/3
G3	Apple Sp Malus Sp	3	200	2.4	3	3	3	3	3	1	EM	Grass	Moderate	4 Apple within group, all maintained for fruit production.	Maintain for fruit production.	3	15	C1
T10	Magnolia	5	350	4.2	3	3	3	3	3	1	M	Grass	Low	Stem forks at 0.2m to form 2 co-dominant laterals forming crown.	None	0	20	B1
T11	Silver Birch Betula pendula	18	570	6.84	5	5	5	5	5	1	M	Grass	Low	Good condition.	None	0	20	A1
T12	Cedrus atlantica, the Atlas cedar	18	650	7.8	4	4	4	4	2	1	M	Grass	Moderate	Asymmetric crown.	None	0	20	B1
T13	Lime Tilia Sp	10	800	9.6	3	3	3	3	3	2	M	Grass	Moderate	Recently pollarded.	Clean basal to 1.5m. Repollard every 3-5 years depending on vigour.	3	20	B1
G4	Holly Ilex aquifolium	5	150	1.8	1	1	1	1	1	0	EM	Bare soil	Varies	Cheesewood tree, Smoke tree and Var. holly, rooted within shrub bed and maintained as shrubby specimens.	None	0	10	C1

Explanatory Notes

Referencing

Each tree is given a unique reference number and plotted on the attached plans for clear identity. Individual trees are referenced as T1, T2 etc., Groups G1, G2 etc. Hedgerows H1, H2 etc. and Woodlands W1, W2 etc.

Species

All species are recorded using common names. Identification is made using experience and knowledge.

Tree dimensions

Tree height is measured and recorded in meters and taken from the base of the stem to the tip of the crown. Height is estimated using experience and knowledge.

Diameter at Breast Height (DBH) is measured at approximately 1.5m from the ground up the stem and is measured and recorded in millimeters. DBH is measured accurately using a diameter tape.

Crown spread is measured in meters from the stem to the extent of the crown spread to each compass point (NESW). Crown spread is estimated using experience and knowledge.

Crown clearance is the height from ground level to the lowest branch and is measured in meters. Crown clearance is estimated using experience and knowledge.

Age class

Age class falls in to 4 categories:

Y	Young
EM	Early Mature
M	Mature
OM	Over Mature

Observations

The biological condition of the tree is assessed and noted. Notable defects are recorded; fruiting bodies, cankers, die back, exudates, etc. are recorded.

The mechanics of the tree are assessed and noted. Notable defects are recorded; buckling, rib formation, stresses, bulges, soil cracks, large cavities or wounds, tight branch junctions, etc. are recorded.

Preliminary management recommendations

Tree management is recommended following the assessment of physiological and structural condition. Recommended works may include, no work required, crown reduction, crown lift, fell, crown thin, monitor etc.

Estimated remaining contribution in years

An estimate of remaining life expectancy recorded in years. Estimated remaining contribution is made using experience considering the structural and physiological condition of the tree, nuisance, previous management, etc.

Category grading and colour coding on plan

A (Green square) high quality and value

B (Blue square) moderate quality and value

C (Grey square) low quality and value

U (Red Square) those that cannot be retained as living trees

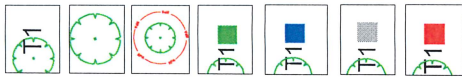
Sub categories

- 1 arboricultural values
- 2 landscape values
- 3 cultural values, including conservation

Works priority

- 1 Works required immediately to make the tree safe
- 2 Works required within 60 days
- 3 Works required as part of routine operations
- 0 no works required

Legend:



Tree reference

Tree and crown spread

Root protection area

BS 5837 Retention Category A

BS 5837 Retention Category B

BS 5837 Retention Category C

BS 5837 Retention Category U

Notes

This drawing was produced in colour; a monochrome copy should not be relied upon.



Project:

Timbers, Woodliverstone

Drawing Title:

Tree Survey and Constraints Plan



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Date: 15th July 2023

Scale: 1:200 @ A1

Drawing Number: TPSC00090 TSCP

Ipswich High School
Playing field

Laurel hedge

G1

Road to Marina

