



Tree Risk Assessment Schedule

PROJECT:

11 Grosvenor Road, Wrexham, LL11 1BS

Shropshire Tree Services Ltd, Unit 1, Stable Yard, Brongyntyn Estate, Oswestry, SY10 7DA
Tel:01691 680018

DATE:

2nd August 2018, resurveyed 18th December 2019, Review 9th October 2021

SURVEYOR:

Wayne Barnett HND Arb, Cert Arb. (RFS), M.Arbor.A

Tree/ Group No.	Group Sub No.	Tag No.	Species	Age Range	Height (m)	Stem Dia (mm)	Vitality	Comments	Risk Assessment of:	QTRA Target Range	QTRA Size Range	QTRA Prob of Failure	QTRA Risk of Harm	Management
T1			Holly	SM	7 (est)	MS 5x150 1x100 1x80 (est)	Good	Multi-stemmed at base, with minor decay present. Growing within narrow planting bed retained by low stone/ brick boundary walls, which exhibit signs of extensive displacement. Tree is heavily suppressed by an adjacent Lime, with the majority of foliage and canopy to the North and East. Maintained to current dimensions by regular clipping/pruning. October 21 - Tree has responded well to pruning, with strong regrowth.					Less than 1 in 1,000,000	Monitor stem unions at base for signs of failure. Monitor boundary walls for signs of further displacement. October 21 - Maintain to current dimensions by regular clipping



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T2			Lime	M	20 (est)	850 (est)	Good	Formed part of a group of 3 closely spaced trees, which formed a single canopy, however 1 of the group has since been removed. Growing within narrow planting bed retained by a low stone/brick wall, with extensive displacement adjacent to stem; damage to surfacing is also noted. Growth habit of lower stem is consistent with root damage, and/or limited rooting zone, common with tress in an urban setting. Tapping stem with nylon sounding hammer did not exhibit any obvious or significant hollowing. Stem bifurcates at 4m, with possible grafting scar at 3m. The tree has been pollarded in the distant past, with significant regrowth from pruning points. Two primary scaffold branches are crossing/rubbing at 5-6m, with bark/branch deformation; however no obvious signs of current failure. Low overhang to highway, down to 4m, which would benefit from being raised to limit potential for damage from high sided vehicles. October 2021 - Tapping lower stem on Eastern side exhibits minor cavitation, however this is considedered to be a result of contact with boundary wall. No obvious defects observed.	Non-specific primary branch failure onto Grosvenor Road	1	2	6	1 in 1,000,000	Monitor wall for signs of further displacement, and repair as necessary; ensuring minimal damage to tree and roots. Re-assess Summer 2020, preferably during summer flush. Raise canopy overhanging highway and hard standing to gain vertical clearances of up to 5.2m and 4m respectively, where possible. Monitor crossing branches at 5-6m, for signs or failure. Given the age, size, and past management of the tree, consideration should be given in the short to medium term to the wholesale reduction of the canopy to reduce the end weight of branches orininating from previously pollard points. October 2021 - Carry out full crown reduction to retain tree of between 12-15m, with radial crown spread of no more than 10m, to achieve balanced canopy. Crown clean to remove significant deadwood and crossing secondary and tertiary branches. Perform aerial inspection, with specific attention given to crossing branches and branch unions.
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T3			Lime	EM-M	20 (est)	900 (est)	Good	Part of a former group of 3 closely spaced trees, which formed a single canopy, however 1 of the group has since been removed. Growing within narrow planting bed, retained by a low brick wall. Wall has been recently partially rebuilt, with a section omitted to allow for tree growth, no obvious signs of root damage is observed. Dense ivy to stem and canopy up to a height of 10m limits detailed assessment of lower stem, root collar, and stem/branch unions. Low branches extend down to 3m, and encroach over hardstanding; increased clearances of up to 4m could be easily achieved by the removal or pruning of small diameter low/ epicormic branches. Tree appears to be multi-stemmed at approximately 1m, and stem bifurcates at 4m. October 2021 - No obvious defects identified	Non-specific primary branch failure onto Grosvenor Road	1	2	6	1 in 1,000,000	Sever and remove ivy up to a height of 3m to enable a more detailed assessment at next inspection. Re-assess Summer 2020, preferably during summer flush. Remove basal and epicormic growth up to a height of 4m. Monitor vitality for signs of decline. October 2021 - Reassess Summer 2022
T4			Holly	SM - EM	7 (est)	400 (est)	Good	Growing within narrow planting bed retained by a low party boundary brick wall, which is in a state of collapse. Curb edging on subject site has been recently removed as part of ongoing demolition and construction works; no obvious root damage observed. Maintained to current dimensions by regular pruning/trimming. October 2021 - Responded well to pruning with strong regrowth					Less than 1 in 1,000,000	Monitor wall for signs of further displacement, and repair as necessary; ensuring minimal damage to tree and roots. Monitor for signs of decline and/or instability. October 21 - Maintain to current dimensions by regular clipping

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T5			Holly	SM - EM	7 (est)	320 (est)	Moderate	Growing to the rear of subject property. Past excavations and ground works associated with adjacent construction has resulted in severance of roots with a diameter of up to 80mm, which may have long-term implications for the health and stability of the tree. Tree exhibits an uplift in vitality since last assessment, and new healthy growth is observed in the lower to mid canopy. <i>October 2021 - Tree has recovered well, and responded well to pruning. Although strong epicormic growth is observed, it is advised that this is clipped as opposed to removed to aid recovery if possible.</i>						Less than 1 in 1,000,000	Monitor for signs of decline and/or instability. Reduce overall canopy by approximately 1m, and reduce lateral branches by up to 1m to achieve a balanced canopy. Tree has been risk assessed in the current context and land use.
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Key:

Tree/group No.	Tree or group reference
Group Sub No.	Tree growing within a group reference
Tag No.	Tag number where a tag has been affixed to tree
Age Range	Y = young SM = semi-mature EM = early-mature M = mature PM = post-mature
Height (m)	Height of tree or maximum height
Stem Dia. (mm)	Stem diameter or maximum stem diameter for the group (MS = multi-stemmed est = estimated)

QTRA Target Range	Likelihood of a target being occupied or the repair or replacement value of property
QTRA Size Range	Category based on diameter of branch or tree likely to fail
QTRA Probability of Failure	Probability of Failure within 12 months of assessment
QTRA Risk of Harm	Annual Risk of Harm