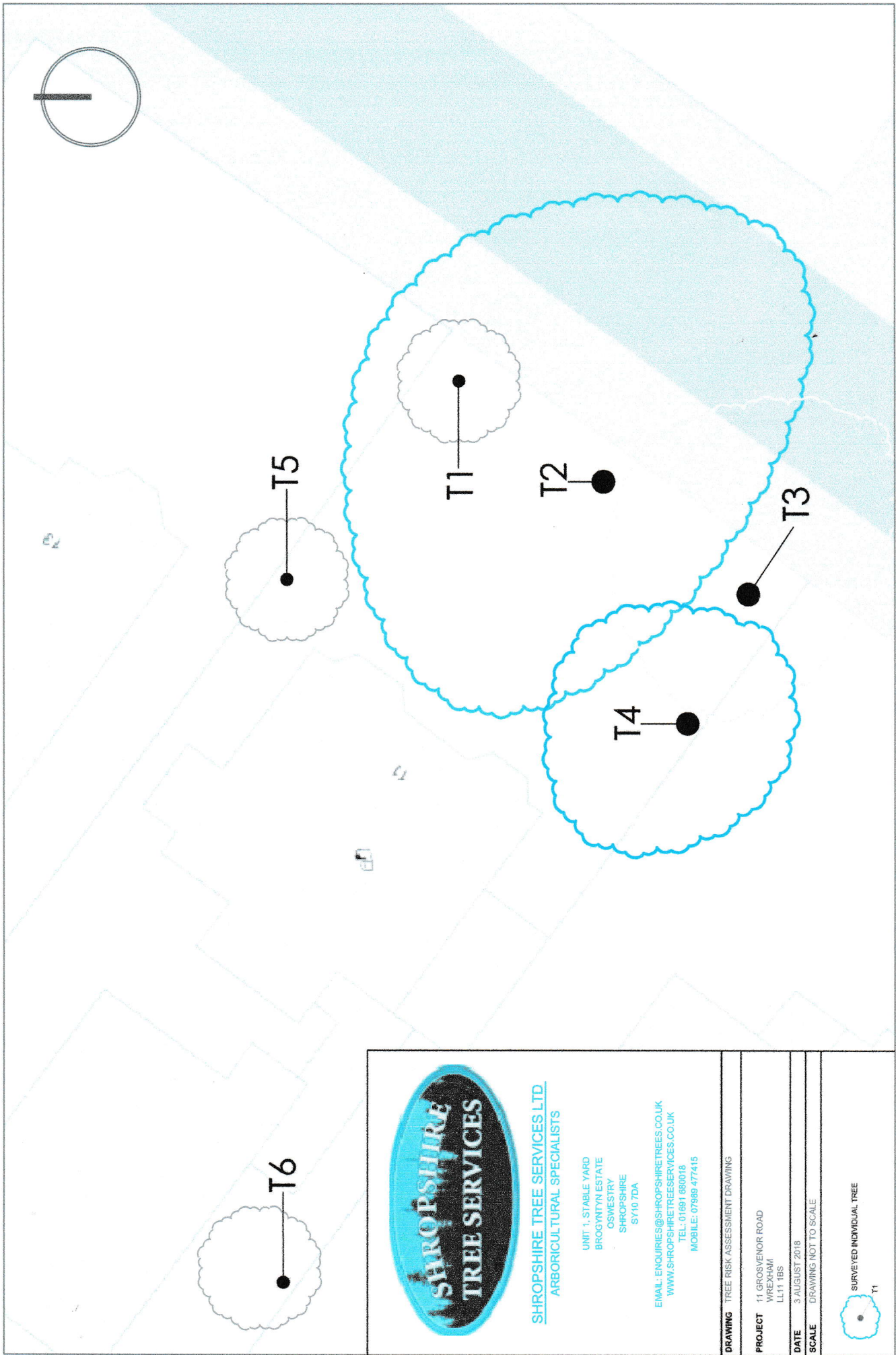


SHROPSHIRE TREE SERVICES LTD.
ARBORICULTURAL SPECIALISTS

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DRAWING TREE RISK ASSESSMENT DRAWING

PROJECT 11 GROSVENOR ROAD
WREXHAM
LL11 1BS

DATE 3 AUGUST 2018

SCALE DRAWING NOT TO SCALE



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:					02 August 2018				
					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.					Less than 1 in 1,000,000	Monitor stem unions at base for signs of failure. Monitor boundary walls for signs of further displacement.
T2			Lime	M	20 (est)	850 (est)	Good	Part of a group of 3 closely spaced trees, which form a single canopy. 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 trees 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 3.5-4m, which would benefit from being raised to limit potential for damage from high sided vehicles.					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. 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 of failure.

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T3			Lime	EM	16 (est)	800 (est)	Poor	Part of a group of 3 closely spaced trees, which form a single canopy. Exhibits reduced vitality, with peripheral shoot dieback and upper canopy decline. Ivy to stem and lower canopy up to a height of 10m, limits a detailed assessment of lower stem, root collar, and branch unions. Growing within very small planting bed, retained by a low stone/brick wall, which is extensively displaced. Party boundary wall has recently been removed on South-West side as part of on-going construction works; no obvious signs of root damage observed. Sporophores of Kretschmaria Deusta on stem on south side. Tapping with nylon sounding hammer exhibits audible signs of extensive internal decay up to a height of 2m. Tree is heavily suppressed, and leans to the East, overhanging Grosvenor Road. Risk Assessment based on Department For Transport traffic counts (2017)	Whole tree failure onto highway.	1	1	4	1 in 4000	Fell to ground level. Prune adjacent trees as required.
T4			Lime	EM-M	20 (est)	900 (est)	Good	Part of a group of 3 closely spaced trees, which form a single canopy. Growing within narrow planting bed, retained by a low brick wall. Wall on subject site in a state of collapse, while the retaining wall to the South has been recently removed as part of on-going construction works; 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, and neighbouring site. Small diameter branches have been damaged during adjacent construction works. 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.					Less than 1 in 1,000,000	Sever and remove ivy up to a height of 2m to enable a more detailed assessment at next inspection. Monitor vitality for signs of decline. Consider removal of low brick wall to the North of stem, and replacing with another structure which allows for annual increment growth, without raising ground levels adjacent to stem.

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T5			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.						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.
T6			Holly		SM - EM	7 (est)	320 (est)	Poor	Growing to the rear of subject property. Recent excavations and ground works associated with adjacent on-going 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 considerably reduced vitality within upper canopy to the south, consistent with root damage. Tree has been Risk Assessed in the current context of low use, however, this should be reviewed if land use changes.						Less than 1 in 1,000,000	Monitor for signs of decline and/or instability. Review Risk Assessment as required.

Key:

Tree/group No.

Group Sub No.

Tag No.

Age Range

Height (m)

Stem Dia. (mm)

Tree or group reference

Tree growing within a group reference

Tag number where a tag has been affixed to tree

Y = Young SM = semi-mature EM = early-mature M = mature PM = post-mature

Height of tree or maximum height

Stem diameter or maximum stem diameter for the group (MS = multi-stemmed est = estimated)

QTRA Target Range

QTRA Size Range

QTRA Probability of Failure

QTRA Risk of Harm

Likelihood of a target being occupied or the repair or replacement value of property

Category based on diameter of branch or tree likely to fail

Probability of Failure within 12 months of assessment

Annual Risk of Harm