



Fulford-Dobson Associates Ltd
ARBORICULTURAL CONSULTANCY

TREE HAZARD SURVEY

University Technical College
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Reading
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September 2024

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Client project no.	FDA1395
Client	Activate Learning Educational Trust
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Survey date	19.09.24
Report submission date	23.09.24



Key to the survey data and work schedule

Measurements	Height is estimated or measured with a clinometer or laser device (accurate to +/- 1-2m). Crown radius is estimated by pacing out and accurate to within approximately +/- 1m. DBH ("diameter at breast height") is the trunk diameter measured at 1.5m above ground level - estimated or measured with a special diameter tape. Life stage is listed as one of the following: - young, semi-mature, early-mature, mature, late-mature, (veteran*), ancient. *All ancient trees are veteran trees, but not all veteran trees are ancient. A veteran tree may not be very old, but it has decay features, such as branch death and hollowing. These features contribute to its biodiversity, cultural and heritage value (ref. National Planning Policy Framework).
Vigour	Vigour is closely related to physiological health and categorised as: - Good, Fair, Poor, Declining, Dead.
Observations	Only relevant notes are taken in relation to significant disease, actionable defects, hazards, legal nuisance, significant conflict or reasons for future monitoring, risk control and/or tree work. No notes are made if there are no concerns.
THREAT Category	Categories of risk, as calculated using <i>Tree Hazard - risk evaluation and treatment system</i> (THREATS) are listed as follows: - 1 (insignificant) 2 (minimal) 3 (slight) 4 (moderate) 5 (significant) 6 (serious) 7 (extreme)
Recommendations	Tree surgery work or other action is generally only recommended to address the following: - • Significant actionable defects/hazards (public safety). • Legal nuisance such as low branches obstructing public highways or pavements and branches or roots damaging structures/buildings. • Significant conflict such as trees causing excessive shade to rooms on the northern aspect of residential buildings. • To improve the long-term health of the tree(s) where disease control warrants or is advised under law. Recommendations given are generally the minimum required to reduce the risk of failure of the defective part of the subject tree or to manage the nuisance or conflict. Where this might leave the tree visually unbalanced further work may be suggested to respect visual amenity and natural form. Where hazards have been identified in relatively unremarkable and low value trees, felling may be suggested as a more pragmatic and cost-effective solution than pruning. All recommendations will give due regard to the tree's values and benefits in the widest sense and ensure that the overall cost of the work is proportionate to the concern and where appropriate, in accordance with British Standard 3998 <i>Tree work – recommendations</i>. Where visual observation alone is considered insufficient to judge the structural condition of a tree and the target warrants a comprehensive assessment, wood decay mapping by way of microdrilling and/or acoustic tomography may be recommended. This is usually only reserved for notable, veteran and ancient trees of high value.

Tree Survey Schedule

Client: Activate Learning Education Trust
 Site: UTC Reading
 Inspection date: 19-Sep-2024

No.	Species	Survey detail	Vigour	Observations	Threat Category	Recommendation	Timescale	Photo
T001	Ash	Height (m): 22 Crown Radius (m): 8 DBH (cm): 90 Life Stage: Mature Life Exp.: 20+ Years	Fair	Old branch wound at base of large stem (4m) south side, exhibiting good callus wood formation. The tree has recently been worked on, with fresh pruning cuts evident throughout canopy. Absence of any significant deadwood and well thinned. No major concerns or hazards at this time.	3: Slight	No action at this time. Re-inspect annually.	n/a	
T002	Chanticleer pear	Height (m): 7 Crown Radius (m): 1 DBH (cm): 10 Life Stage: Semi Mature Life Exp.: 30+ Years	Good		1: Insignificant	No action at this time. Re-inspect annually.	n/a	No Photo
T003	Chanticleer pear	Height (m): 7 Crown Radius (m): 2 DBH (cm): 15 Life Stage: Semi Mature Life Exp.: 30+ Years	Good		1: Insignificant	No action at this time. Re-inspect annually.	n/a	No Photo
T004	Chanticleer pear	Height (m): 7 Crown Radius (m): 1.5 DBH (cm): 12 Life Stage: Semi Mature Life Exp.: 30+ Years	Good		1: Insignificant	No action at this time. Re-inspect annually.	n/a	No Photo
T005	Alder	Height (m): 4 Crown Radius (m): 1 DBH (cm): 10 Life Stage: Semi Mature Life Exp.: 10+ Years	Poor		1: Insignificant	No action at this time. Re-inspect annually.	n/a	No Photo
T006	Alder	Height (m): 4 Crown Radius (m): 1 DBH (cm): 10 Life Stage: Semi Mature Life Exp.: 10+ Years	Poor		1: Insignificant	No action at this time. Re-inspect annually.	n/a	No Photo
T007	Sweet gum	Height (m): 5 Crown Radius (m): 2 DBH (cm): 12 Life Stage: Semi Mature Life Exp.: 30+ Years	Good		1: Insignificant	No action at this time. Re-inspect annually.	n/a	No Photo
T008	Tree of heaven	Height (m): 13 Crown Radius (m): 8 DBH (cm): 50 Life Stage: Mature Life Exp.: 10+ Years	Fair	This tree has been over thinned over many years. Recent major branch failure has occurred, leaving a 1m long open wound on the main trunk below the first main union. NOT considered to be significantly detrimental to the overall structural integrity of the tree at this time but expect decay to develop over the coming decade. Some remedial pruning to reduce wind loading of newly exposed branches would be prudent for safety reasons.	3: Slight	Selectively tip reduce the lateral crown spread on the north-east corner by 1m (25mm diameter pruning cuts), ensuring to leave radial crown spread of no less than 6.5m in this quadrant of the canopy. Remove deadwood. This work is for safety reasons.	6-8 weeks	

No.	Species	Survey detail	Vigour	Observations	Threat Category	Recommendation	Timescale	Photo
T009	Tree of heaven	Height (m): 13 Crown Radius (m): 8 DBH (cm): 45 Life Stage: Mature Life Exp.: 10+ Years	Fair	Old branch wound at base of large lateral branch growing north-west (over the pavement), failure is foreseeable.	4: Moderate	Reduce the noted branch by 1.5m to leave total radial spread on this quadrant of no less than 6.5m. This work is for safety reasons.	6-8 weeks	
T010	Ash	Height (m): 10 Crown Radius (m): 5 DBH (cm): 40 Life Stage: Early Mature Life Exp.: 40+ Years	Good		1: Insignificant	No action at this time. Re-inspect annually.	n/a	No Photo
T011	Ash	Height (m): 13 Crown Radius (m): 7.5 DBH (cm): 55 Life Stage: Early Mature Life Exp.: 40+ Years	Good		1: Insignificant	No action at this time. Re-inspect annually.	n/a	No Photo
T012	Sweet gum	Height (m): 5 Crown Radius (m): 1 DBH (cm): 10 Life Stage: Semi Mature Life Exp.: 40+ Years	Good		1: Insignificant	No action at this time. Re-inspect annually.	n/a	No Photo
T013	Sweet gum	Height (m): 3 Crown Radius (m): 1 DBH (cm): 10 Life Stage: Young Life Exp.: 40+ Years	Fair		1: Insignificant	No action at this time. Re-inspect annually.	n/a	No Photo
T014	Sweet gum	Height (m): 4 Crown Radius (m): 1 DBH (cm): 10 Life Stage: Young Life Exp.: 40+ Years	Good		1: Insignificant	No action at this time. Re-inspect annually.	n/a	No Photo
T015	Sweet gum	Height (m): 5 Crown Radius (m): 2 DBH (cm): 10 Life Stage: Semi Mature Life Exp.: 40+ Years	Good		1: Insignificant	No action at this time. Re-inspect annually.	n/a	No Photo
T016	Sweet gum	Height (m): 5 Crown Radius (m): 1.5 DBH (cm): 10 Life Stage: Semi Mature Life Exp.: 40+ Years	Good		1: Insignificant	No action at this time. Re-inspect annually.	n/a	No Photo
T017	Sweet gum	Height (m): 3 Crown Radius (m): 1 DBH (cm): 10 Life Stage: Young Life Exp.: 40+ Years	Good		1: Insignificant	No action at this time. Re-inspect annually.	n/a	No Photo
T018	Flowering cherry	Height (m): 6 Crown Radius (m): 2 DBH (cm): 15 Life Stage: Semi Mature Life Exp.: 20+ Years	Good		1: Insignificant	No action at this time. Re-inspect annually.	n/a	No Photo
T019	Flowering cherry	Height (m): 6 Crown Radius (m): 2 DBH (cm): 15 Life Stage: Semi Mature Life Exp.: 20+ Years	Good		1: Insignificant	No action at this time. Re-inspect annually.	n/a	No Photo

No.	Species	Survey detail	Vigour	Observations	Threat Category	Recommendation	Timescale	Photo
T020	Flowering cherry	Height (m): 6 Crown Radius (m): 2 DBH (cm): 15 Life Stage: Semi Mature Life Exp.: 20+ Years	Good		1: Insignificant	No action at this time. Re-inspect annually.	n/a	No Photo
T021	Flowering cherry	Height (m): 6 Crown Radius (m): 1 DBH (cm): 15 Life Stage: Semi Mature Life Exp.: 20+ Years	Good		1: Insignificant	No action at this time. Re-inspect annually.	n/a	No Photo
T022	Sycamore	Height (m): 4 Crown Radius (m): 1 DBH (cm): 7 Life Stage: Young Life Exp.: <10 years	Good	Self-seeded tree growing up close to fence surrounding bin compound. Not sustainable.	1: Insignificant	Fell/remove and treat stump for general property maintenance reasons.	1 Year	
T023	Silver birch	Height (m): 6 Crown Radius (m): 2.5 DBH (cm): 15 Life Stage: Semi Mature Life Exp.: 40+ Years	Good		1: Insignificant	No action at this time. Re-inspect annually.	n/a	No Photo
T024	Tulip tree	Height (m): 5 Crown Radius (m): 2 DBH (cm): 10 Life Stage: Young Life Exp.: 40+ Years	Good		1: Insignificant	No action at this time. Re-inspect annually.	n/a	No Photo
T025	Tulip tree	Height (m): 5 Crown Radius (m): 2 DBH (cm): 10 Life Stage: Young Life Exp.: 40+ Years	Good		1: Insignificant	No action at this time. Re-inspect annually.	n/a	No Photo
T026	Tulip tree	Height (m): 5 Crown Radius (m): 2 DBH (cm): 10 Life Stage: Young Life Exp.: 40+ Years	Good		1: Insignificant	No action at this time. Re-inspect annually.	n/a	No Photo
T027	Tulip tree	Height (m): 5 Crown Radius (m): 2 DBH (cm): 10 Life Stage: Young Life Exp.: 40+ Years	Good		1: Insignificant	No action at this time. Re-inspect annually.	n/a	No Photo



Work Due

None

Within 6-8 weeks

Within 6 months

Within 1 year

