

Bowring Park Tree Condition Report

On Behalf Of

Bowring Park Golf Course, Roby Road, Huyton, Bowring, L36 4HD

Report Prepared By

Tom Kenyon

Senior Arborist

Groundswise

11th October 2024

Introduction:

Groundwise have been instructed to carry out a tree condition survey report of the tree stock located within the grounds of the development site at Bowring Park Golf Course. The findings of this survey will provide an initial tree management strategy for the area.

The purpose of the report is to identify the trees that may have the potential to cause damage to the new building or have potential safety issues.

The tree works have been classified upon work priority and phased accordingly.

There are trees and groups within the area of the proposed development site. All of which appear to vary in age and condition.

The survey has identified trees that require work in varying timescales, these are identified as a **High (Red)**, **Moderate (Yellow)**, **Low (Blue)** and **no work required (Green)** have been recorded.

Trees identified with High (0 - 3 months) priority work (Red)

Trees identified with Moderate (6 months – 1 year) priority work (Yellow)

Trees identified with Low (1 year – 3 years) priority work (Blue)

Trees identified with No work required (Green)

The Trees:

The trees within the development site are in fair to good condition, with a mixture of ages and species. There is one group in the middle of development site that will require urgent work with two of the trees having failed root plates. The trees around the perimeter of the site are of mature nature which reflects in the overall woodland look to the site.

Hazard ratings for the surveyed trees are as follows; G1 have been identified as RED. T6, T15, T27 has been identified as YELLOW. Twenty-nine trees have been identified as BLUE

Re-inspection:

All trees should be inspected on an annual basis or following a storm event.

Tree Survey:

The trees within the development site was inspected on Monday 30th September by Senior Arborist Mr Tom Kenyon. The survey is attached and consists of a visual inspection from ground level only.

Tree Survey Limitations:

Trees are a dynamic organism, which are in a constant state of development and change. Observations and work recommendations contained within this report will remain valid for a period of twelve months.

Should any material or substantial environmental changes occur to the localised environment or tree stock detailed within this report this may invalidate the conclusions and recommendations contained within this report.

No decay detection equipment was used, and no samples of any materials were taken away for detailed analysis.

This report does not address in detail the issue of any subsidence damage due to indirect root action.

The physical presence of roots and tree stems adjacent to paths may cause distortion or disturbance dependent on the age of the tree and structural condition. Root ingress into drains is usually only a problem if the drains are already damaged or in poor condition.

Tree Survey Summary:

The trees surveyed around the development site are in fair to good condition for their age and location. There was no noticeable defects with the trees apart from T27 which has a large cavity at the base of the stem that will need more extensive examinations with specialist equipment.

Due to the dense epicormic growth and Ivy around some of the stems, a full stem inspection was not possible, but visual signs suggest that the trees are in good health.

Tree Survey:

<u>Tree Number</u>	<u>Species</u>	<u>Condition</u>	<u>Comments</u>	<u>Recommendations</u>
T1	Beech <i>Fagus Sylvatica</i>	Good	Woodland tree in good health, with minor deadwood throughout crown	Remove deadwood
T2	Common Lime <i>Tillia Europaea</i>	Fair	Tree is very suppressed by surrounding trees, thick basil epicormic growth	Fell to ground level
T3	Common Lime <i>Tillia Europaea</i>	Fair	Tree is very suppressed by surrounding trees, basil epicormic growth	Fell to ground level
T4	Common Lime <i>Tillia Europaea</i>	Fair	Tree is very suppressed by surrounding trees, thick basil epicormic growth	Fell to ground level
T5	Sycamore <i>Acer Pseudoplatanus</i>	Good	Tree is in good health, with minor deadwood throughout crown	Remove deadwood
T6	Horse Chestnut <i>Aesculus Hippocastanum</i>	Good	Tree is in good health, growing at an angle	Crown reduce by 2-3m
T7	Lime <i>Tillia Europaea</i>	Fair	Tree is in good health with thick basil epicormic growth, Minor deadwood throughout crown	Remove epicormic growth, remove deadwood
T8	Lime <i>Tillia Europaea</i>	Fair	Tree is in good health with thick basil epicormic growth,	Remove epicormic growth, remove deadwood

			Minor deadwood throughout crown	
T9	Lime <i>Tillia Europaea</i>	Fair	Tree is in good health with thick basil epicormic growth, Minor deadwood throughout crown	Remove epicormic growth, remove deadwood
T10	Sycamore <i>Acer Pseudoplatanus</i>	Good	Tree is in good health, large deadwood, thick Ivy	Remove deadwood and sever Ivy to 1m. Re-inspect
T11	Lime <i>Tillia Europaea</i>	Fair	Tree is in good health with thick basil epicormic growth, Minor deadwood throughout crown	Remove epicormic growth, remove deadwood
T12	Sycamore <i>Acer Pseudoplatanus</i>	Good	Tree is in good health, minor bark wounds on main stem at around 1m, Elder bush growing at base of tree	Fell Elder
G1	Elder <i>Sambucus Nigra</i>	Poor	Group of 4 trees, 2 of these have failed root plates compromising and weakening the others	Fell group to ground level
T13	Sycamore <i>Acer Pseudoplatanus</i>	Good	Tree is in good health with minor deadwood throughout crown	Remove deadwood, Crown raise to 4m
T14	Sycamore <i>Acer Pseudoplatanus</i>	Good	Tree is in good health with minor deadwood throughout crown	Remove deadwood

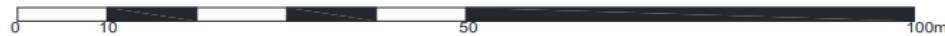
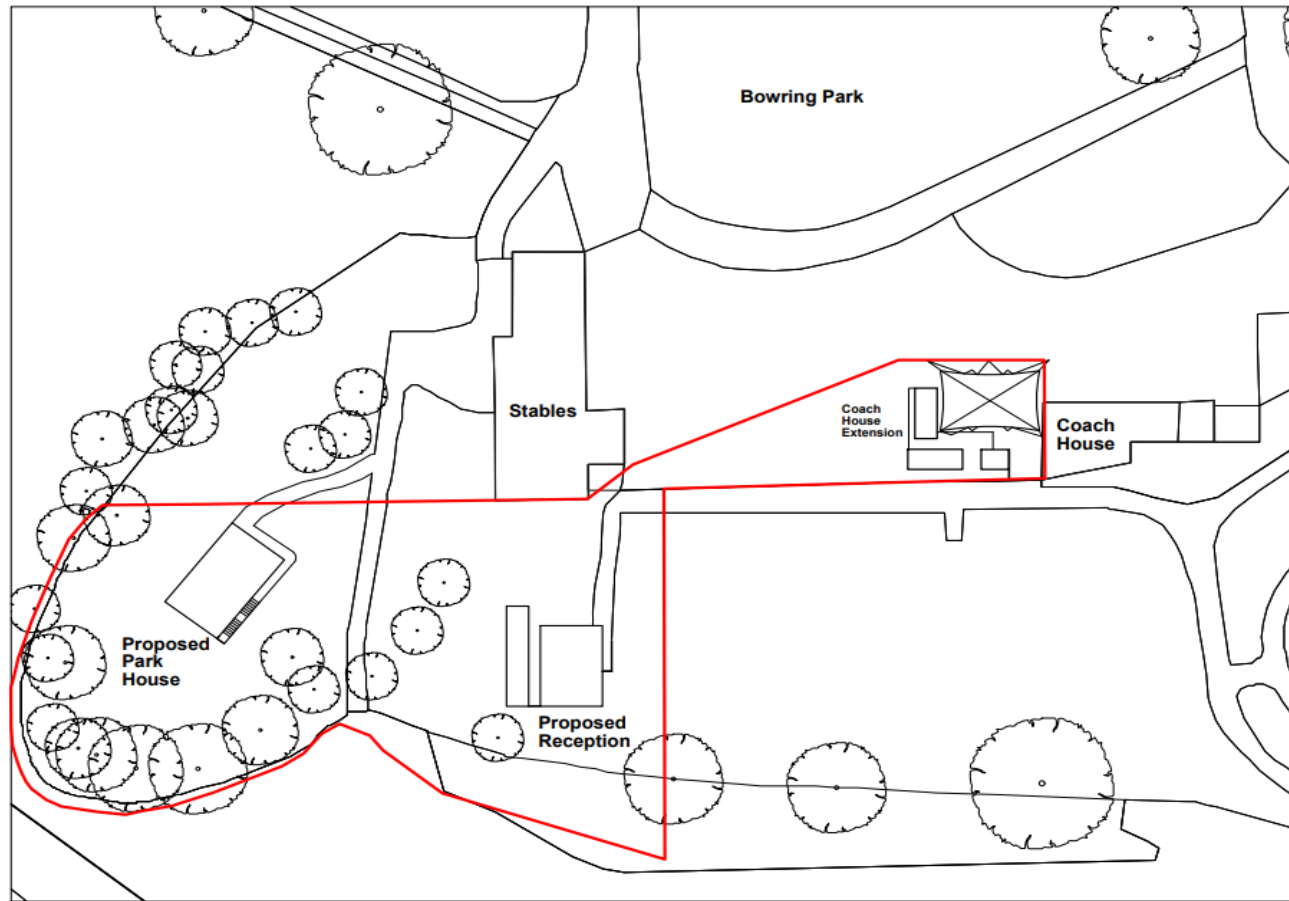
T15	Beech <i>Fagus Sylvatica</i>	Good	Tree is in good health with minor deadwood through out crown. Tree has lean over adjacent foot path	Remove deadwood, crown reduce by 2-3m
T16	Lime <i>Tillia Europaea</i>	Fair	Tree is in good health with thick basil epicormic growth, Minor deadwood throughout crown	Remove epicormic growth, remove deadwood
T17	Lime <i>Tillia Europaea</i>	Fair	Tree is in good health with thick basil epicormic growth, Minor deadwood throughout crown	Remove epicormic growth, remove deadwood
T18	Lime <i>Tillia Europaea</i>	Fair	Tree is in good health with thick basil epicormic growth, Minor deadwood throughout crown	Remove epicormic growth, remove deadwood
T19	Sycamore <i>Acer Pseudoplatanus</i>	Good	Tree is in good health with minor deadwood throughout crown	Remove deadwood
T20	Lime <i>Tillia Europaea</i>	Fair	Tree is in good health with thick basil epicormic growth, Minor deadwood throughout crown	Remove epicormic growth, remove deadwood
T21	Lime <i>Tillia Europaea</i>	Fair	Tree is in good health with thick basil epicormic growth,	Remove epicormic growth, remove deadwood

			Minor deadwood throughout crown	
T22	Sycamore <i>Acer Pseudoplatanus</i>	Good	Tree is in good health with minor deadwood throughout crown	Remove deadwood
T23	London Plane <i>Platanus Hispanica</i>	Fair	Tree is in good health, tree is heavily weighted to one side and has the potential to fail	Fell to ground level
T24	Lime <i>Tillia Europaea</i>	Fair	Tree is in good health with thick basil epicormic growth, Minor deadwood throughout crown	Remove epicormic growth, remove deadwood, crown raise to 4m
T25	Lime <i>Tillia Europaea</i>	Fair	Tree is in good health with thick basil epicormic growth, Minor deadwood throughout crown	Remove epicormic growth, remove deadwood, crown raise to 4m
T26	Lime <i>Tillia Europaea</i>	Fair	Tree is in good health with thick basil epicormic growth, Minor deadwood throughout crown	Remove epicormic growth, remove deadwood, crown raise to 4m
T27	Beech <i>Fagus Sylvatica</i>	Good	Tree is in good health with minor deadwood throughout crown. Cavity at base of tree. Specialist equipment will be needed to examine extent of cavity	Inspect cavity with specialist equipment such as tomography. Remove deadwood, crown reduce by 2-3m

T28	Lime <i>Tillia Europaea</i>	Fair	Tree is in good health with thick basil epicormic growth, Minor deadwood throughout crown	Remove epicormic growth, remove deadwood, crown raise to 4m
T29	Sycamore <i>Acer Pseudoplatanus</i>	Good	Tree is in good health with minor deadwood throughout crown	Remove deadwood, remove epicormic growth, crown lift to 4m
T30	Lime <i>Tillia Europaea</i>	Fair	Tree is in good health with thick basil epicormic growth, Minor deadwood throughout crown	Remove epicormic growth, remove deadwood, crown raise to 4m
T31	Lime <i>Tillia Europaea</i>	Fair	Tree is in good health with thick basil epicormic growth, Minor deadwood throughout crown	Remove epicormic growth, remove deadwood, crown raise to 4m
T32	Horse Chestnut <i>Aesculus Hippocastanum</i>	Good	Tree is in good health with minor deadwood throughout crown, epicormic on main stem	Crown reduce by 2-3m, remove deadwood, remove epicormic growth

Bowring Park Golf Course Site Maps:





SCALE BAR 1:500



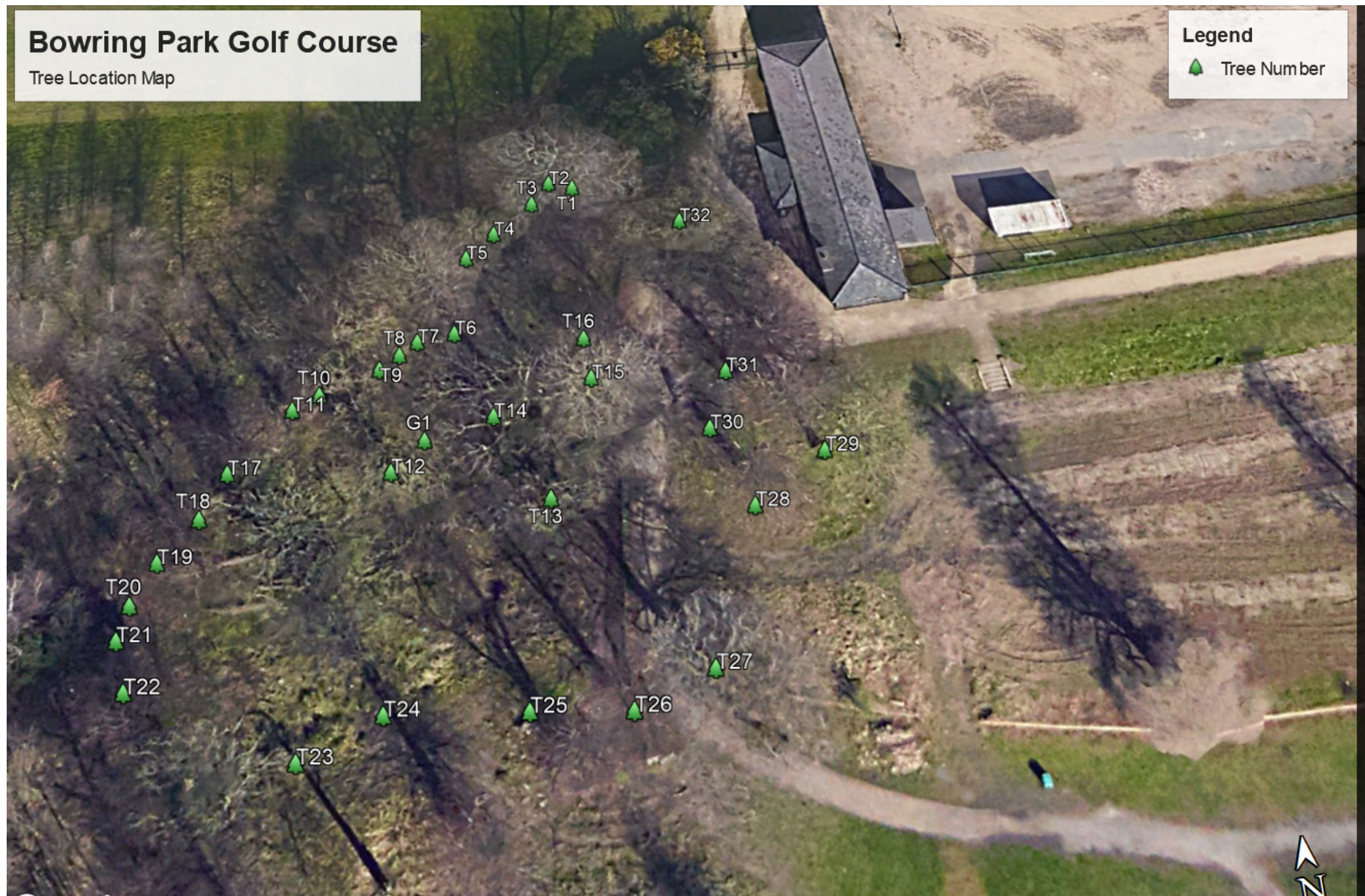
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Scale 1:500	Original Size A3	Purpose PLANNING
Date of First Issue 2024_06_12	Author R_MCLEAN	

Bowring Park Golf Course

Tree Location Map

Legend

Tree Number



Glossary:

Tree Number

Refers to the tree as identified on site and referenced within the site plan

Species

Common and vernacular name of the tree – Vernacular- Latin names displayed in small italics.

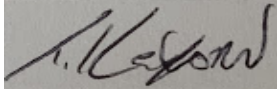
Condition

Structural condition in relation to vitality, including pest and diseases.

Tree Condition	
Excellent	Tree in excellent condition with good vitality and no defects present
Good	Tree in displaying good vigour, vitality, only very minor defects
Fair	Tree showing some signs of stress, minor defects present
Poor	Tree showing signs of major die back, major defects – intervention needed
Dead	Tree no longer alive
Work Priority	
High	Works required within 3 months
Moderate	Work required within 6 months – 1 year
Low	Works required within 1 -3years
None	No target

Recommendations:

Recommend tree work to reduce risks to an acceptable level during a pre-determined inspection period. Such recommendations will be made to procure a trees vitality and longevity as well as future safety.

A handwritten signature in black ink, appearing to read 'T. Kenyon', on a light grey background.

Tom Kenyon

Senior Arborist

Disclaimer

The tree(s) referred to in this report are living entities and are therefore subject to natural processes. They will also be subject to changes to their environment caused by human's activities and to exceptional weather conditions. The inspection undertaken by our qualified staff relies on visual attributes of tree health and structure which can be assessed from a ground-based inspection. Hidden defects which are not readily visible may not be detected. We therefore cannot wholly guarantee the condition and safety of the trees inspected beyond what can be reasonably assessed from the procedure used. We would recommend that the trees are regularly inspected, and our staff will advise on the suitable frequency of these inspections.