TREE SURVEY & RISK ASSESSMENT

MacIntyre School, Wingrave

Jack Foskett / Robert C. Yates

February 2024

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1.0 Instruction & Remit

We are instructed by Beverly Suckling (School Business Manager), to carry out a tree survey and risk assessment at MacIntyre School, Wingrave.
The main objective of this survey is to comply with the school's legal 'duty of care' obligations and adopted health & safety policies.

2.0 Caveats

All trees have been inspected from ground level only. Should further, more detailed inspection be deemed appropriate, this will be mentioned in the recommendations section of the appended schedule of works.

Trees are dynamic living organisms, whose health and condition can be subject to rapid changes, depending upon a number of internal and external factors. The conclusions and recommendations contained in this report are based on the trees at the time of inspection. It should be noted that even completely sound, healthy trees, can fail, given sufficiently severe weather conditions.

3.0 Survey Methodology

3.1 All trees have been assessed for general condition and health & safety issues, using the recognised system known as VTA (Visual Tree Assessment) as popularised by eminent arboriculturists such as Dr. David Lonsdale (Ref. Principles of Tree Hazard Assessment & Management 1999) and Mattheck & Breloer (Ref. The Body Language of Trees 1999).

3.2 The system used to identify specific trees is based on numbered tags affixed to each tree; certain groups of trees may not have been tagged, in which case they will have been notionally referenced. The approximate location of the trees is marked on the plan at Appendix 1.

3.3 Management recommendations have been given for each tree (or group) based on the relevant risk zone and the perceived probability of failure, and these recommended works have been prioritised as High, Medium or Low, as follows:

High Priority : Carry out works within 3 months

Medium Priority : Carry out works within 6 months

Low Priority : Works not immediately relevant to health & safety, but should ideally be undertaken for reasons of sound arboricultural practice or to avoid an increase in the probability of failure – 18 months is suggested as a maximum

3.4 The survey was carried out on 12th February 2024 by Jack Foskett NDArb. (Arboriculturist), who holds the LANTRA Certificate in Professional Tree Inspection and has over eight years' relevant survey experience.

4.0 Re-Inspection Procedure

The suggested maximum period between formal tree inspections i.e. by a professional arboriculturist, is **three years.**

All trees should be included in routine risk assessments carried out by a suitably competent member of the permanent site staff e.g. site manager – a risk assessment should always be undertaken immediately following severe weather events i.e. high winds, heavy rain or snow falls. If in doubt regarding the safety of a particular tree always consult a qualified arboriculturist.

5.0 General Recommendations

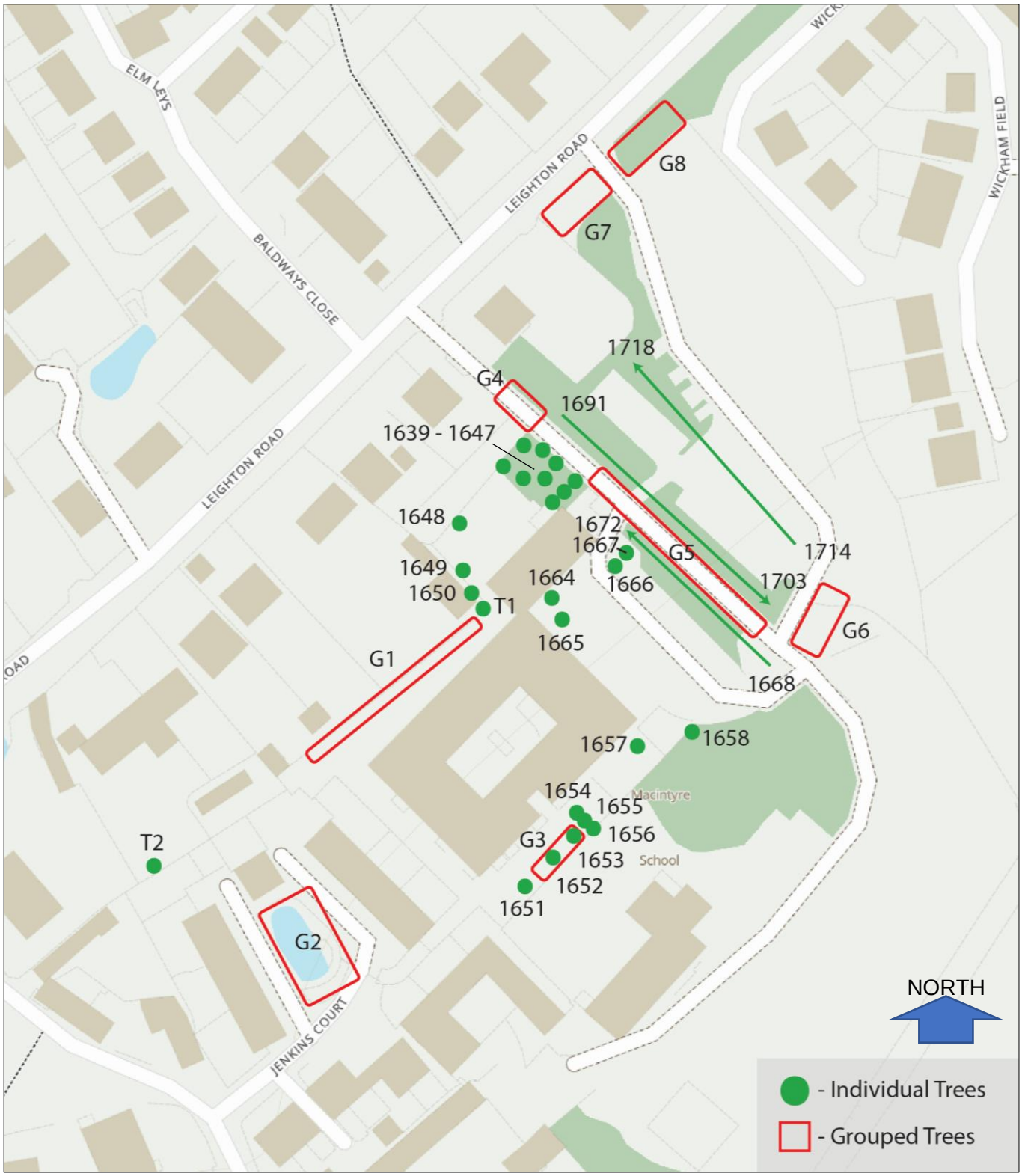
5.1 For detailed and specific recommendations see Appendix 2. **Note:** Where removal of 'all significant deadwood' has been specified, this should be taken to mean that which is in excess of 50mm dia. and/or 900mm in length.

6.0 Statutory Obligations

- Works to trees which are covered by Tree Preservation Orders [TPOs] or are within a Conservation Area [CA] require permission or consent from your Local Planning Authority [LPA].

- It is a criminal offence under normal circumstances to disturb or destroy - whether intentional or unintentional - the nesting sites of wild birds or the roost sites of bats, under the 'Wildlife & Countryside Act 1981, the 'Countryside and Rights of Way Act 2000' and the 'Conservation of Habitats & Species Regulations 2017'. *We strongly recommend that prior to commencement of any significant tree works, a thorough aerial inspection is carried out by a suitably competent arborist in order to check for signs of bat activity or occupied nest sites.*

APPENDIX 1 : Tree Location Plan for MacIntyre School, Wingrave (Not to Scale)



APPENDIX 2: Survey Schedule (Page 1 of 5)

Tree ID.	Species (Common Name)	Age Class	Height (m)	Stem dia. (mm)	Physiological Condition	Structural Condition	Observations / Comments	Recommendations	Work Priority
1639	Wild Cherry	Young	5	150	Normal	Good	No observations / comments	No action required	N/A
1640	Lime	Mature	19	600	Normal	Good	Ivy clad up to 5m. Co-dominant from 4m. Small amount of significant deadwood within crown	Remove all significant deadwood	Low
1641	Black Pine	Middle aged	16	420	Normal	Good	No observations / comments	No action required	N/A
1642	Holly	Mature	9	450	Normal	Good	No observations / comments	No action required	N/A
1643	Lime	Young	9	230	Normal	Good	No observations / comments	No action required	N/A
1644	Wild Cherry	Young	6	220	Normal	Good	No observations / comments	No action required	N/A
1645	Wild Cherry	Young	6	250	Normal	Good	No observations / comments	No action required	N/A
1646	Wild Cherry	Young	5	90	Normal	Good	No observations / comments	No action required	N/A
1647	Wild Cherry	Young	6	120	Normal	Good	No observations / comments	No action required	N/A
1648	Wild Cherry	Young	6	130	Normal	Good	No observations / comments	No action required	N/A
1649	Wild Cherry	Young	6	100	Normal	Good	No observations / comments	No action required	N/A
1650	Wild Cherry	Young	6	2 x 200	Normal	Good	Co-dominant from base	No action required	N/A
T1	Western Red Cedar	Young	5	150	Normal	Good	Multi-stemmed from base. Unable to tag	No action required	N/A
T2	Lawson Cypress	Young	7	?	Normal	Good	Tree located on 3rd party land. Located very close to boundary wall. May result in damage to boundary wall!	No action required	N/A
1651	Tree of Heaven	Middle aged	10	450	Fair	Fair	Past catastrophic stem failure	Remove to ground level	Low

Tree ID.	Species (Common Name)	Age Class	Height (m)	Stem dia. (mm)	Physiological Condition	Structural Condition	Observations / Comments	Recommendations	Work Priority
1652	Sycamore	Middle aged	11	Avg. 320	Normal	Good	3 Stems from base	No action required	N/A
1653	Norway Maple	Middle aged	10	480	Normal	Good	No observations / comments	No action required	N/A
1654	Purple Plum	Mature	7	350	Normal	Good	Moderate lean to northwest	No action required	N/A
1655	Lawson Cypress	Middle aged	11	380	Normal	Good	No observations / comments	No action required	N/A
1656	English Yew	Middle aged	8	400	Normal	Good	Located close to boundary wall	No action required	N/A
1657	Norway Maple	Mature	13	550	Normal	Good	Previously reduced crown	No action required	N/A
1658	Horse Chestnut	Over mature	15	900	Fair	Good	Heavily reduced to 10m	No action required	N/A
1664	Wild Cherry	Young	5	160	Normal	Good	No observations / comments	No action required	N/A
1665	Wild Cherry	Young	5	170	Normal	Good	No observations / comments	No action required	N/A
1666	Sycamore	Middle aged	9	2 x 250	Normal	Good	Co-dominant from 1m with minor compression fork	No action required	N/A
1667	Lime	Young	8	230	Normal	Good	No observations / comments	No action required	N/A
1668	Sycamore	Mature	13	650	Normal	Good	No observations / comments	No action required	N/A
1669	Holly	Middle aged	7	250	Normal	Good	No observations / comments	No action required	N/A
1670	Lime	Young	9	220	Normal	Good	No observations / comments	No action required	N/A
1671	Lime	Young	9	300	Normal	Good	No observations / comments	No action required	N/A

Tree ID.	Species (Common Name)	Age Class	Height (m)	Stem dia. (mm)	Physiological Condition	Structural Condition	Observations / Comments	Recommendations	Work Priority
1672	Western Red Cedar	Middle aged	10	420	Normal	Good	No observations / comments	No action required	N/A
1691	English Yew	Young	8	Avg. 250	Normal	Good	No observations / comments	No action required	N/A
1692	English Yew	Young	5	300	Normal	Good	No observations / comments	No action required	N/A
1693	Lime	Mature	18	600	Normal	Good	Small amount of significant deadwood throughout crown	Remove all significant deadwood	Low
1694	Lime	Young	6	100	Normal	Good	No observations / comments	No action required	N/A
1695	Norway Maple	Middle aged	11	Avg. 300	Normal	Good	Ivy clad up to 6m	Sever Ivy at base	Low
1696	Norway Maple	Middle aged	11	450	Normal	Good	No observations / comments	No action required	N/A
1697	Norway Maple	Middle aged	11	420	Normal	Good	No observations / comments	No action required	N/A
1698	Lime	Young	7	220	Normal	Good	No observations / comments	No action required	N/A
1699	Sycamore	Mature	15	550	Fair	Good	Small amount of significant deadwood within upper crown. Historically thin pruned crown	Remove all significant deadwood	Low
1700	Lime	Young	7	230	Normal	Good	No observations / comments	No action required	N/A
1701	Lime	Mature	19	580	Normal	Good	Small amount of significant deadwood within crown. Ivy clad up to 5m	Remove all significant deadwood Sever Ivy at base	Low
1702	Lime	Young	8	240	Normal	Good	No observations / comments	No action required	N/A

Tree ID.	Species (Common Name)	Age Class	Height (m)	Stem dia. (mm)	Physiological Condition	Structural Condition	Observations / Comments	Recommendations	Work Priority
1703	Lime	Mature	19	700	Normal	Good	Small amount of significant deadwood within crown. Ivy clad up to 7m. Co-dominant stems from 4m (unable to fully inspect union)	Remove all significant deadwood Sever Ivy at base	Low
1714	Lime	Mature	16	500	Normal	Fair	Significant deadwood throughout crown	Remove all significant deadwood	Medium
1715	Lime	Mature	16	500	Normal	Fair	Significant deadwood throughout crown	Remove all significant deadwood	Medium
1716	Lime	Middle aged	13	450	Normal	Good	No observations / comments	No action required	N/A
1717	Horse Chestnut	Mature	14	800	Normal	Good	Possible cavity at 6m on main stem	Aerially inspect cavity to assess structural condition & report findings	Medium
1718	Horse Chestnut	Mature	9	520	Normal	Good	Minor open cavity at 2.5m - insignificant	No action required	N/A

GROUPED TREES

Group ID.	Species (Common Name)	Age Class	Height (m) (Avg.)	Stem dia. (mm) (Avg.)	Physiological Condition	Structural Condition	Observations / Comments	Recommendations	Work Priority
G1	11no. Pear	Middle aged	7	150	Normal	Good	No observations / comments	No action required	N/A
G2	Willow Ash Silver Birch	Middle aged	8	350	Normal	Good	Located in fenced pond area	No action required	N/A
G3	Elm Laurel	Young	5	150	Normal	Good	Understorey trees	No action required	N/A
G4	Wild Cherry	Young	6	200	Normal	Good	Tagged 1659 - 1663	No action required	N/A
G5	Wild Cherry	Young	6	180	Normal	Good	Tagged 1673 - 1690	No action required	N/A
G6	Lime Horse Chestnut	Middle aged	19	700	Normal	Good	Tagged 1704 - 1713. Significant deadwood over car park. Limes have basal epicormic growth (unable to fully inspect bases)	Remove all significant deadwood Remove basal epicormic growth from Limes & reinspect at next scheduled survey	Medium
G7	Lime Horse Chestnut Beech	Middle aged	18	450	Normal	Good	Dense basal epicormic growth on Limes (unable to fully inspect bases). Large Beech has basal/stem wound from 0-2m	Remove basal epicormic growth from Limes & reinspect at next scheduled survey Reduce height of large Beech by 3m	Medium
G8	Lime Horse Chestnut Black Pine	Middle aged	16	500	Normal	Good	No observations / comments	No action required	N/A

Note: *Where removal of 'all significant deadwood' has been specified, this should be taken to mean that which is in excess of 50mm dia. and/or 900mm in length*.