



# Complete Landscaping Services

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## Commercial Landscape Maintenance & Tree Services

Lesley Cleaver  
Hartlebury Clerk  
Hartlebury Parish Council  
DY11 7TG

2<sup>nd</sup> June 2022

Ref Tree Condition Survey Hartlebury Parish Hall

Dear Lesley

Please find attached the requested survey for the trees on site. The most important issues are detailed in the conclusion.

Yours sincerely

Andrew Douglas

## Tree Condition Survey

Name of Estate: Hartlebury Parish Hall

Carried out by: Andrew Douglas

Qualification: RFS Tech Cert

Date: 27/05/2022

### Inspection of trees at Hartlebury Parish Hall. DY11 7TG

#### **1. Instruction.**

- 1.1 Hartlebury Parish Hall accommodates members of the public and wish to manage their trees responsibly.
- 1.2 Therefore, the Parish Clerk; Lesley Cleaver has asked myself Andrew Douglas to inspect trees on site and advise, subject to quote.

#### **2. Inspection.**

- 2.1 I visited the site on the 27<sup>th</sup> May 2022 and made an unaccompanied site inspection.
- 2.2 The survey was from ground level. It involved measuring dbh, visual observation, and sounding with a hammer: and chisel and long steel rod if required (Visual Tree Assessment: Mattheck and Broeler 1994 and Lonsdale 1999). Trees were located via Google Maps, by eye only. We added various site features to the plan.
- 2.3 The survey was by Andrew Douglas who has acquired 12 years' experience working with trees, (professional CV attached).

#### **3. The Site.**

- 3.1 The site inspected is a village hall; It is accompanied by car parking facilities, footpaths and recreational areas around the perimeter of the site. The majority of trees are within close proximity of these facilities.
- 3.2 Geology from BGS website is: - Bedrock Geology: Helsby Sandstone Formation – Sandstone material with low volume change potential. We may assume the likelihood of subsidence or heave is low.

Figure 1 Geology Map

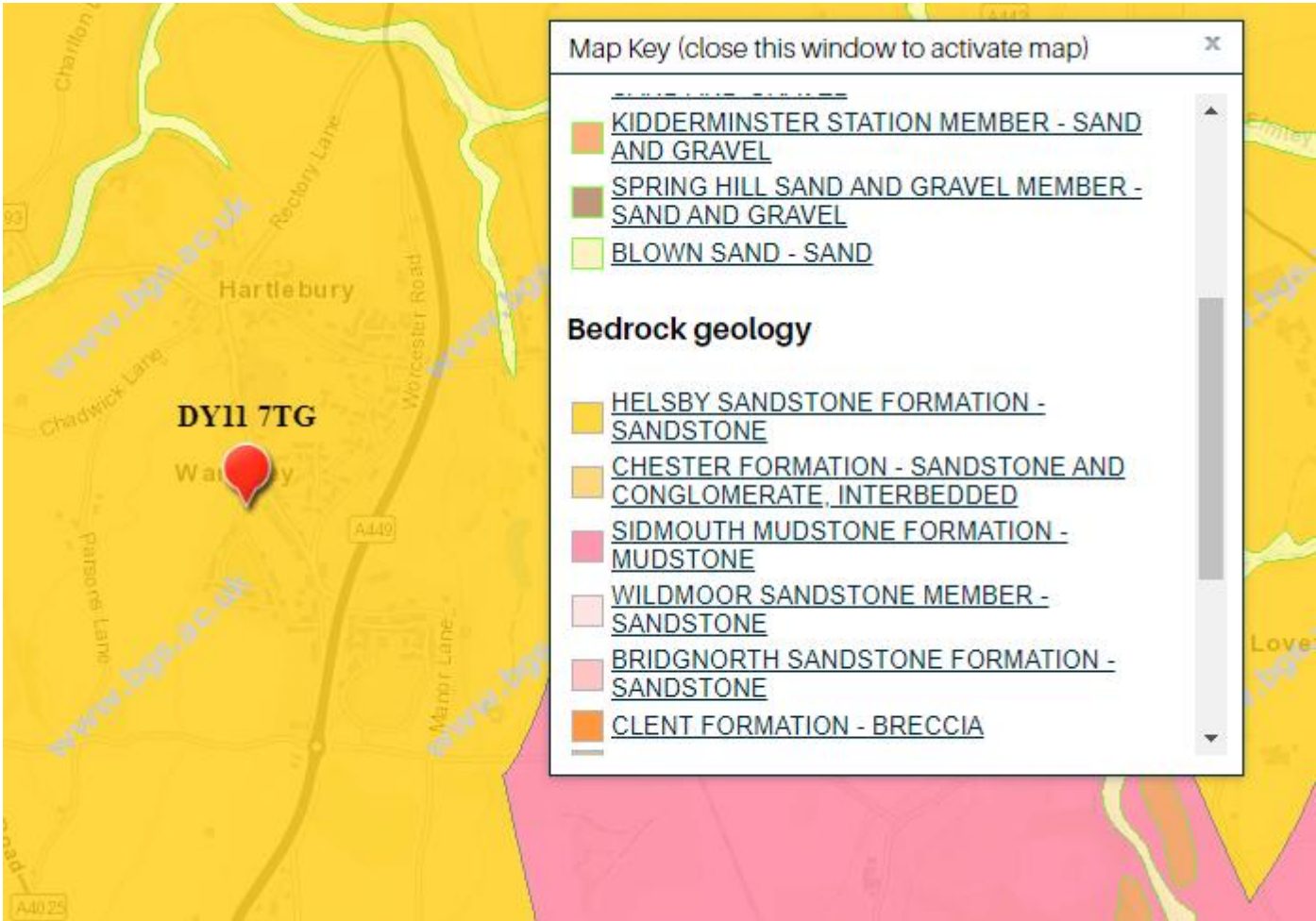


Figure 2 Site Map



**4. Trees.**

4.1 According to Wychavon District Council's online mapping system, there are no protected trees on site;

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No results found



No Tree Preservation Orders were found within 100m of the selected property within Wychavon.

Figure 3 Tree Protection

No results found



No Conservation Areas were found within 100m of the selected property within Wychavon.

## 4.2 **Detailed Tree Descriptions**

TREES are described in the table below, and shown on tree plan below.

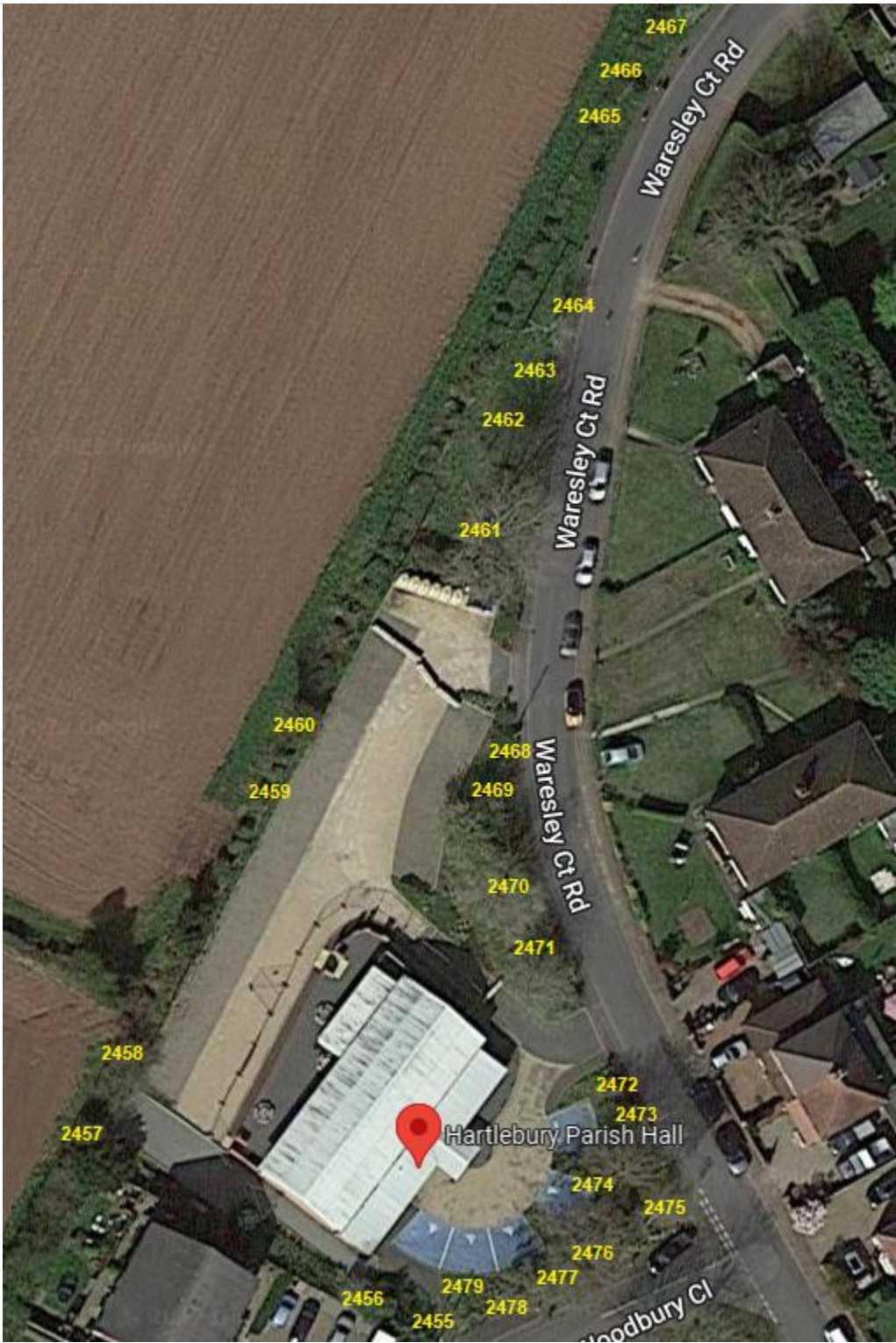
**ID:** Trees are numbered on plan.

**Stem diameter:** approximate dbh given to aid identification.

**Age class** is described as: -

- Sap: Very young tree, or sapling, one-five years old.
- Y: Young tree less than fifteen years old and <1/3 fully grown.
- Sm: Semi-mature tree having attained 1/3 to 2/3 full stature and 1/3 to 1/2 estimated lifespan.
- Em: Early mature: tree at 2/3 to virtually full size, and halfway through its safe life.
- M: Mature: fully-grown tree with useful life expectancy.
- Lm: Late-mature: fully grown, of declining vigour, but still healthy.
- Om: Over mature tree: fully grown and starting to decline in health (but may still have many years of safe life).
- Vet: Veteran: usually very old; of significant historic, habitat or cultural value.

Figure 4 Tree Plan



Tree No.	Common Name	Stems	Height (m)	Stem Dia (mm)	Crown Spread (m)	Age Class	Crown	Stem	Root Zone	Comments & Recommendations	Work Priority
2455	Apple	1	3	30	0.7	Sap	Good	Good	Good	Strimmer damage to base; bark removed; remove tree stake & tie	Low
2456	Wych Elm	1	8	200	3	Dead				Dead; clothed in Ivy - Fell	High
2457	Holly x 2	Ms	6	<250	9	M	Good	Good	Good	On boundary line. Overhead power line 3m directly above; historically maintained clear from French bowls court	Low
2458	Hawthorn, Oak	Ms	<8	<200	8	SM	Good	Good	Good	Trim clear of overhead lines; consult energy provider (Western Power)	Low
2459	Holly x 3	Ms	<5	<180	7	SM	Good	Good	Good	Hedgerow trees	Low
2460	Ash	3	8	<600	7	EM	Good	Good	Good	Historic 4m pollard. In contact with overhead power line; re pollard & sever Ivy @ base	High
2461	Silver Leaved Maple	1	15	490	12	M	Good	Good	Good	Imbalanced canopy due to historic pruning clear from overhead lines	Low
2462	Swedish Whitebeam	1	7	180	5	M	Good	Good	Good	Historic crown lifts with callusing	Low
2463	Swedish Whitebeam	1	7	200	5	M	Good	Good	Good	Historic crown lifts with callusing	Low
2464	Swedish Whitebeam	2	5	140 130	4	M	Good	Mod	Good	Historic crown lifts with good callusing. Leaning habit with co dominant stems. Remove self-set Hawthorn from base	Low
2465	Sitka Spruce	1	5	60	2	Y	Good	Good	Good		Low
2466	Sitka Spruce	1	2.4	30	1.5	Y	Good	Good	Mod		Low
2467	Plum x 2	1	3	<70	5	EM	Good	Good	Good	Historic crown lifts with callusing. Some wounds were flush cut with poor callusing.	Low
2468	Prunus sp.	Ms	8	<190	10	M	Good	Good	Good	Clear basal epicormic growth & sever Ivy	Low
2469	Silver Leaved Maple	1	14	490	10	M	Good	Good	Good	Nest box @ 4m S. minor dead wood, epicormic regrowth from previous pruning points in lower canopy	Low
2470	Wild Cherry	2	12	280 190	10	M	Good	Mod	Good	V shaped union with bark inclusion @ basal area to monitor	Low
2471	Rowan	3	5	70 90	4	EM	Mod	Mod	Good	Leaning habit, isolated decay pockets arising from historic pruning. Basal area bottle butting due to fibre buckling	Low
2472	Lilac	Ms	4	<150	5	M	Mod	Mod	Mod	Multi stemmed coppice, dense Ivy to sever @ base & clean of dead wood	Low
2473	Wild Cherry	1	6	210	6	EM	Good	Good	Good	Sever Ivy @ base	Low
2474	Aspen	1	14	250	9	EM	Good	Good	Good	Historic crown lifts with callusing; Sever Ivy @ base	Low
2475	Aspen	1	15	210	7	EM	Good	Good	Good	Imbalanced canopy, very sparse inner canopy. Many limbs are end loaded with foliage (lion's tail) which have a slight risk of tearing; monitor	Low
2476	Wild Cherry	1	7	140	4.5	SM	Mod	Good	Good	Lift crown 2.4m over footpath on Woodbury Close	Low

2477	Aspen	1	15	330	9	EM	Good	Good	Good	Historic crown lifts have created isolated decay pockets in stem. Section of chord around stem to remove @ 3m S. V shaped union to brace because 1 stem which overhangs Woodbury Close could potentially fail	Med
2478	Aspen	1	7	160	5	SM	Good	Good	Good	Canopy imbalance towards S.	Low
2479	Himalayan Birch	3	3	20	1	Sap	Good	Good	Good	Multi stemmed, 2 weaker stems to be removed; remove tree stake & tie	Med

## 5. Conclusion

5.1 T2456 is a Wych Elm which has contracted Dutch Elm disease and requires removal.



5.2 T2458 & T2460 are within close proximity to the overhead lines, the service provider will usually undertake this work;



5.3 T2461 is imbalanced due to line clearance;



5.4 T2470 requires periodic checks in case the branch union opens up as the 2 stems increase in diameter with incremental growth;



5.5 T2477 would benefit from a bracing system to tether the limb overhanging Woodbury Close;



## Tree works informative

### Disturbance to wildlife.

It is essential to check for nesting birds, bat roosts, badgers and hibernating animals such as hedgehogs under trees, before pruning or removing trees, as negligent disturbance is an offence under various legislation, including EC Habitat Directive 1992 as amended and strengthened 2007 to protect European Protected Species (bats are most relevant concerning trees) and CROW Act 2000.

In general, autumn tree work: **September, October and November** are least disruptive to bats and birds. However, with appropriate risk assessment (i.e., visual assessment whilst climbing and stopping work if birds' nests or protected species suspected) work can proceed at any time. Work on very ivy-clad trees may need a formal pre-start bat assessment by a trained bat worker.

### Permission.

Trees are protected by a TPO, or lie within a Conservation Area. Either are possible here and should be checked with the local planning authority.

Therefore, a contractor must satisfy himself that all necessary permissions are in place before undertaking any work to protected trees.

### Contractor.

All off-ground tree work should be done by insured tree surgeon with certificates in aerial chainsaw use (new designations: - NPTC 020-04, 0020-05, 0020-07, 0021-01, 0021-07; LANTRA 600/5703/8, 600/5717/8, 600/5715/5, 600/5704/X, 600/5714/2), and working to BS3998:2010 and working to BS3998:2010, and "*Tree work at Height*", the Arboricultural Association's ICoP.

(Stumps can be left to shoot again, ground out, or grubbed out, or poisoned.)

We would recommend walk-by tree inspection by a competent person, e.g., Surveyor, Site Manager or Arborist upon an 18-month basis (observe trees in full bloom & when defoliated). This should be followed by an arboricultural inspection every five years, unless significant tree dieback occurs, then an earlier inspection may be required. Please note that trees can be severely affected by adverse weather conditions.

This report may be submitted to local authority for permission (if required), and to a contractor for quotation purposes. Please contact us if you have any queries, or require further assistance.

Yours sincerely,

**References:**

*"The Body Language of Trees"* Claus Mattheck and Helge Breloer. HMSO 1994  
*"Principles of Tree Hazard Assessment and Management"* David Lonsdale. HMSO 1999  
BS 3998: 2010 *"British Standard Recommendations for Tree work"*.  
*"Collins Tree Guide"* Owen Johnson & David Moore, HarperCollins 2004  
*"Collins Guide to the Mushrooms of Britain & Europe"* Régis Courtecuisse, HarperCollins 1999  
*"A Field Guide to the Trees of Britain and Northern Europe"* Alan Mitchell William Collins Sons & Co Ltd 1974  
*"An Arborists Field Guide - Fungi on Trees"* Guy Watson and Ted Green Arboricultural Association 2011

Below are set out are Andrew Douglas' competences and experience.

**Insurance: -**

**£5m Public Liability & £0.5m Professional Indemnity** (renewed March).

**Personnel: -**

A G Douglas (born 1971) started a career in landscaping in 1987 and throughout a six-year period of higher education and following a three-year career in a commercial environment before establishing a landscape gardening business in 1997. He studied Horticulture and Hard Landscaping (NVQII) 1998 to 1999.

In 2007 he embarked upon chainsaw, tree felling and tree surgery courses at Warwickshire College on a part-time basis and then successfully passed Royal Forestry Society level II (practitioner) and level III (technician's Certificate). In merit for passing the Technicians' Certificate Andrew was presented with the Arboricultural Association Student of the Year 2013 Award. He has undertaken LANTRA and Tree Life courses in tree surveying and mortgage reports, and held NPTC certificates of competence in tree planting, use of pesticides, chainsaw operation, climbing trees and the use of forestry machinery.