



ARTEMIS
TREE
SERVICES

Tree Survey Report

Prepared for: St Modwen

Site: St Andrew's Park, Hillingdon Road, Uxbridge
UB10 0RX

Prepared by: Lee Davies Dip Arb L6 (ABC), MArborA

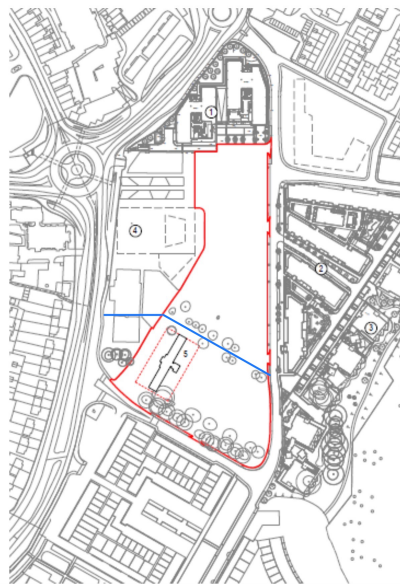
Date: 6th December 2021

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1.0 Brief

- 1.1 Artemis Tree Services Ltd has been instructed by Jana Stone of Modwen (Ref. 20765) to undertake a full tree survey compliant to the requirements of BS5837: (2012) Trees In relation to design, demolition and construction – Recommendations.
- 1.2 The purpose of the tree survey and report is to update tree data for the area highlighted on the plan below.



- 1.3 The preceding tree survey was undertaken by Landmark Trees in 2016. The tree numbers have been kept the same to avoid confusion.

2.0 Report limitations

- 2.1 The tree survey has been undertaken on a preliminary basis only. The survey must not be used in place of a tree risk survey. In cases where I consider further investigation is required, or where trees require immediate attention, this will be noted under the preliminary management recommendations of the survey.
- 2.2 I had no access to areas above the blue line on the above plan (1.2). Trees situated directly north of the blue line were viewed from behind covered Heras fencing only.
- 2.3 I have not been instructed to identify impacts or risk to the current/proposed property in relation to subsidence. No soil samples have been taken.

3.0 Introduction

3.1 Qualifications

- 3.1.1 I am a Professional Member of the Arboricultural Association and hold the Level 6 Diploma in Arboriculture and Lantra Awards Professional Tree Inspection Certificate.

3.2 Trees

- 3.2.1 During my visit I recorded details of thirty-four trees within the area highlighted. Trees 5, 19 and 20 referenced in the previous tree report appear to have now been removed. Trees 21-32 referenced previously are situated outside of the area highlighted and have therefore not been included.

4.0 Methodology

- 4.1 I have categorized the recorded trees in relation to their quality and value (in a non-fiscal sense) in accordance with Table 1 "Cascade chart for tree quality assessment" within BS 5837:2012, as described below:

U Trees unsuitable for retention - Those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years

A Trees of high quality - With an estimated remaining life expectancy of at least 40+ years

B Trees of moderate quality - With an estimated remaining life expectancy of at least 20-40 years

C Trees of low quality - with an estimated remaining life expectancy of at least 10-20 years, or young trees with a stem diameter below 150mm

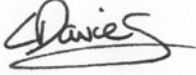
- 4.2 A schedule of trees surveyed in accordance with BS5837:2012 '*Trees in relation to design, demolition and construction – Recommendations*' can be found in appendix 1, along with a key for survey data.

5.0 Statutory tree protection

- 5.1 I have not been instructed to establish the presence of Tree Preservation Orders (TPO) or Conservation Area Designation at this stage.

6.0 References

- British Standards Institute (2012) BS 5837:2012- Trees in relation to design, demolition and construction – Recommendations

Report author	Signature	Date
Lee Davies		6 th December 2021

Tree ref no. (Tag no.)	Species	Ht (m)	Dia @ 1.5m (mm)	RPA R (m) A (m ²)	Crown spread (m)	Low Branches	Life stage	General observations P – Physiological condition S – Structural condition	Preliminary recommendations	Category & EC
T1	Cedar (<i>Cedrus atlantica</i>)	14	#490	6.00 113	N-4.5 S-5 E-4.5 W-4.5	1.5-W	EM	P-good S-good No significant problems	None	C2 40+
T2 (0091)	Cherry (<i>Prunus avium</i>)	9	430	5.10 81	N-5.5 S-6 E-5 W-4.5	2-W	M	P-fair S-fair Deadwood in crown. Bark included union.	None	C2 10+
T3 (0089)	Cherry (<i>Prunus avium</i>)	10	430	5.10 81	N-5 S-5 E-5 W-4	2-E	M	P-good S-fair Deadwood in crown. Included bark unions.	None	C2 10+
T4 (0088)	Rowan (<i>Sorbus aucuparia</i>)	6	280	3.30 34	N-2.5 S-2.5 E-2.5 W-2.5	2-E	M	P-good S-good Minor bark wounds on trunk	None	C2 10+
T6 (00087)	Purple-leaf plum (<i>Prunus cerasifera</i>)	8	#340	4.20 55	N-4 S-4 E-4 W-4	2.5-W	M	P-good S-good Low dead branches on south side. Epicormic growth on lower trunk.	None	C2 10+

T7	Weeping ash (<i>Fraxinus excelsior</i> 'Pendula')	7	#500	6.00 113	N-3 S-3 E-3 W-3	2.5-S	M	P-fair S-fair Viewed from behind covered fencing only. Crown reduced relatively recently.	None	C2 10+
T8	Ash (<i>Fraxinus excelsior</i>)	12	#350	4.20 55	N-6 S-6 E-6 W-6	5-E	EM	P-fair S-good Viewed from behind covered fencing only. Epicormic growth on trunk and central crown.	None	C2 10+
T9 (00084)	Horse chestnut (<i>Aesculus hippocastanum</i>)	7	#400	4.80 72	N-1 S-1 E- W-1	NA	M	P-fair S-good Re-pollarded recently	None	C2 20+
T10 (00083)	Horse chestnut (<i>Aesculus hippocastanum</i>)	10	#550	6.60 137	N-4 S-4 E-4 W-4	3-N	M	P-good S-fair Viewed from behind covered fencing. Lapsed pollard recently crown reduced.	None	C2 20+
T11 (00082)	Horse chestnut (<i>Aesculus hippocastanum</i>)	10	#550	6.60 137	N-4 S-4 E-4 W-4	NA	M	P-good S-fair Viewed from behind covered fencing. Lapsed pollard recently crown reduced. Cavity in trunk.	None	C2 20+
T12 (00081)	Horse chestnut (<i>Aesculus hippocastanum</i>)	10	#550	6.60 137	N-5 S-5 E-5 W-5	NA	M	P-good S-fair Viewed from behind covered fencing. Lapsed pollard recently crown reduced. Several small cavities on stems.	None	C2 20+

T14	Horse chestnut (<i>Aesculus hippocastanum</i>)	10	#600	7.20 163	N-4 S-4 E-4 W-4	NA	M	P-good S-fair Viewed from behind covered fencing. Lapsed pollard recently crown reduced. Several small cavities on stems.	None	C2 20+
T15	Horse chestnut (<i>Aesculus hippocastanum</i>)	9	#500	6.00 113	N-4 S-4 E-4 W-4	NA	M	P-good S-fair Viewed from behind covered fencing. Lapsed pollard recently crown reduced. Several small cavities on stems.	None	C2 20+
T16 (00078)	Horse chestnut (<i>Aesculus hippocastanum</i>)	10	600	7.20 163	N-4 S-4 E-4 W-4	6-N	M	P-good S-fair Lapsed pollard recently crown reduced. Several small cavities on stems.	None	C2 20+
T17 (00077)	Horse chestnut (<i>Aesculus hippocastanum</i>)	10	#600	7.20 163	N-4 S-4 E-4 W-4	6-N	M	P-good S-fair Lapsed pollard recently crown reduced.	None	C2 20+
T18 (00076)	Horse chestnut (<i>Aesculus hippocastanum</i>)	10	#400	4.80 72	N-4 S-4 E-4 W-3	3-E	M	P-good S-fair Lapsed pollard. Large cavities on lower stems.	None	C2 20+
T33 (00102)	Horse chestnut (<i>Aesculus hippocastanum</i>)	9	870	10.50 346	N-5 S-3.5 E-3.5 W-3.5	3-N	M	P-good S-good Recently re- pollarded.	None	B2 20+

T34 (00101)	Horse chestnut (<i>Aesculus hippocastanum</i>)	9	630	7.50 177	N-3.5 S-1.5 E-3 W-3.5	3-N	M	P-good S-good Recently re- pollarded.	None	B2 20+
T35 (00100)	Horse chestnut (<i>Aesculus hippocastanum</i>)	9	630	7.50 177	N-3 S-2 E-3 W-3	3-NW	M	P-good S-good Recently re- pollarded.	None	B2 20+
T36 (0183)	Horse chestnut (<i>Aesculus hippocastanum</i>)	9	640	7.80 191	N-3.5 S-2.5 E-3.5 W-2.5	3-NW	M	P-good S-good Recently re- pollarded.	None	B2 20+
T37 (00098)	Horse chestnut (<i>Aesculus hippocastanum</i>)	13	620	7.50 177	N-3.5 S-3.5 E-3.5 W-3.5	5-W	M	P-good S-good Lapsed pollard recently crown reduced.	None	B2 20+
T38 (00097)	Horse chestnut (<i>Aesculus hippocastanum</i>)	9	620	7.50 177	N-4 S-2 E-4 W-1.5	3-N	M	P-good S-good Recently re- pollarded. Large pruning wound on west side of trunk 2m from ground level, with degraded wood in centre.	None	B2 10+
T39 (00096)	Horse chestnut (<i>Aesculus hippocastanum</i>)	16	700	8.40 222	N-6 S-5 E-5 W-5	3-N	M	P-good S-fair Lapsed pollard recently crown reduced. Vertical bark wound on east side of trunk, with typical ribs of woundwood.	None	B2 10+

T40 (00113)	Horse chestnut (<i>Aesculus hippocastanum</i>)	10	700	8.40 222	N-4.5 S-4.5 E-4.5 W-5	2-N	M	P-good S-poor Two large wounds from previous branch failure and significant decay in central stem 2-3m from ground level.	Fell to ground level	U
T41 (00112)	Horse chestnut (<i>Aesculus hippocastanum</i>)	13	620	7.50 177	N-6 S-6 E-6 W-5	2-E	M	P-good S-good Lapsed pollard recently crown reduced.	None	B2 20+
T42 (00111)	Horse chestnut (<i>Aesculus hippocastanum</i>)	12	700	8.40 222	N-4.5 S-4.5 E-4.5 W-3.5	2-SE	M	P-fair S-good Lapsed pollard recently crown reduced. Sparse upper crown. Several cavities in stems.	None	C2 10+
T43 (00110)	Horse chestnut (<i>Aesculus hippocastanum</i>)	13	700	8.40 222	N-4.5 S-4.5 E-4.5 W-4.5	2-SW	M	P-good S-good Lapsed pollard recently crown reduced.	None	B2 20+
T44 (00109)	Horse chestnut (<i>Aesculus hippocastanum</i>)	13	520	6.30 124	N-3.5 S-3.5 E-3.5 W-3.5	2-S	M	P-good S-good Lapsed pollard recently crown reduced.	None	B2 20+
T45 (00108)	Horse chestnut (<i>Aesculus hippocastanum</i>)	14	580	6.90 150	N-5 S-5 E-5 W-5	2.5-W	M	P-fair S-fair Lapsed pollard recently crown reduced. Bleeding canker damage to south side of trunk and southern stem.	None	C2 10+

T46 (00107)	Horse chestnut (<i>Aesculus hippocastanum</i>)	13	530	6.30 124	N-5 S-5 E-5 W-4	4-W	M	P-good S-good Recently crown reduced.	None	B2 20+
T47 (00106)	Horse chestnut (<i>Aesculus hippocastanum</i>)	14	640	7.80 191	N-5 S-5 E-5 W-5	3-NW	M	P-good S-good Lapsed pollard recently crown reduced. Vertical rib of woundwood on east side of trunk.	None	B2 20+
T48 (00105)	Horse chestnut (<i>Aesculus hippocastanum</i>)	13	530	6.30 124	N-4 S-4 E-4 W-4	6-N	M	P-good S-good Lapsed pollard recently crown reduced.	None	B2 20+
T49 (00104)	Horse chestnut (<i>Aesculus hippocastanum</i>)	13	560	6.60 137	N-4 S-4.5 E-4.5 W-3	4-SW	M	P-fair S-poor Significant bleeding canker damage to trunk and stems. <i>Polyporus squamosus</i> wood decay fungi brackets on trunk and central stem. Wound 8m from ground level on central stem from historic stem failure.	Fell to ground level	U
T50 (00103)	Horse chestnut (<i>Aesculus hippocastanum</i>)	13	720	8.70 238	N-4 S-4.5 E-4.5 W-4	3-SW	M	P-fair S-good Bleeding canker infection visible on trunk and north side of stems but does not currently appear to affect structural stability.	None	C2 20+

Survey Key

Diameter (mm)

Stem diameter in millimetres measured at 1.5m above ground level. Where the stem is divided below 1.5m, measurement is taken as directed by BS:5837 Annex C.

RPA - Root Protection Area

RPA circle radius is determined from Annex D of BS:5837.

R- Radius

A – Area

Branch Spread (m)

Radial crown spread in metres, measured for each of the four cardinal points of the compass from the centre of the trunk.

Low branches

Height above ground in metres of the lowest branch and use of the 4 cardinal points of the compass.

Age class

(NP) Newly planted – a tree within 3 years after planting

(Y) Young – a tree within its first one third of life expectancy

(EM) Early Mature – a tree within its second third of life expectancy

(M) Mature – a tree in its final one third of life expectancy

(OM) Over Mature – a tree having reached its maximum life span and is declining in health and size due to old age

(V) Veteran – a tree in the second or mature stage of its life and has important wildlife and habitat features including; hollowing or associated decay fungi, holes, wounds and large dead branches.

(A) Ancient – a tree in the ancient or third and final stage of their life that is of interest biologically, aesthetically or culturally because of its age, size and condition

Physiological Condition

GOOD – a tree in a healthy condition with no significant problems

FAIR – a tree generally in good health with some problems that can be remediated

POOR – a tree in poor health with significant problems that can't be remediated

DEAD – a tree without sufficient live material to sustain life

Structural Condition

An assessment of the structural/safe condition of the tree categorised into:

GOOD – a tree in a safe condition with no significant defects

FAIR – a tree in a safe condition at present but with defects or with significant defects that can be remediated

POOR – a tree with significant defects that can't be remediated

EC - Estimated remaining contribution in years (based on the species and its current condition)

<10 Up to 10 years

10+ 10 years or more

20+ 20 years or more

40+ 40 years or more

Category (Tree quality assessment)

Category U – Tree in poor condition that cannot realistically be retained for longer than 10 years

Category A – Trees of high quality

Category B – Trees of moderate quality

Category C – Trees of low quality