

Wye Valley Tree Services

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Tree Survey of Coleg Cambria, **Bersham Road.**

Remit:-

To carry out a Pre-Planning Tree Survey in accordance with BS5837 of the Coleg Cambria site at Bersham Road, Wrexham LL13 7UH

This survey was commissioned for Coleg Cambria by Graham Evans - Head of Estates (Wrexham/Llysfasi) & Capital Development

**The survey was prepared on 14th July 2014 by
James Stewart-Brown of Wye Valley Tree Services
LANTRA Professional Tree Inspection Certification
ISA Certified Arborist (UI 1101A)
Member of ISA (International Society of Arboriculture)
Member of ArborA (Arboricultural Association)**

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BS 5837:2012 Tree Survey of Coleg Cambria.

Tree No.	Species	Ht (m)	Crown Spread (m)	Trunk Dia @ 1.5m (mm)	Ht of Lowest Branch (m)	Age Class	Estimated Remaining Contribution In years	Physiological and Structural condition. Observations – positive & negative.	Preliminary Management Recommendations	Category of Retention
1	Blue Cypress	10	N 2 E 2 S 2 W 2	640	0.1	YM	+40	P = Good S = Good		B1 & 2
2	Group 5 x Cherry & 1 x Sycamore	10 to 12	N 3 to 5 E 3 to 5 S 3 to 5 W 3 to 5	200 to 270	2	YM	+30	P = Good S = Good		B2
3	Cherry	11	N 4 E 2 S 4 W 4	280	2.1	YM	-10	P = Fair S = Poor • 125mm deep cavity at base • Poor density of leaf coverage	Fell	U
4	Group Holly, Hawthorn, Cotoneaster & Berberis	2 to 5	N 1 to 3 E 1 to 3 S 1 to 3 W 1 to 3	50 To 150	0.1	YM	+20	P = Good S = Good		B2
5	Willow	12	N 5 E 4 S 4 W 4	260 & 660	1.5	YM	+20	P = Good S = Fair • Twin stemmed • Old pollard		C1
6	Group Oak, Birch & mixed shrubs	2 to 8	N 1 to 2 E 1 to 2 S 1 to 2 W 1 to 2	60 to 125	0.2 to 1.5	NP to YM	+30	P = Good S = Good		B2
7	Oak Leaf Mountain Ash	11	N 5 E 5 S 5 W 5	520	1.4	YM	+30	P = Good S = Good		A1 & 2



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8	Group 5 x Willow	6 to 10	N 3 to 7 E 3 to 7 S 3 to 7 W 3 to 7	260 to 420	0.1	YM to MA	+20	P = Good S = Fair • Multi-stemmed specimens		C2 & 3
9	Group 2 x Oak & 4 x Birch	4 to 7	N 1 to 4 E 1 to 4 S 1 to 4 W 1 to 4	50 to 120	0.4	NP to YM	+10 to +40	P = Fair to Good S = Good		B2
10	Rowan	9	N 5 E 5 S 4 W 3	280	1	MA	+20	P = Good S = Fair • Scarring from torn off limb - not significant now	Monitor every 2 years	B1 & 2
11	Rowan	8	N 3 E 2 S 3 W 2	260	1.8	MA	+15	P = Good S = Fair • Scarring from mechanical damage at 1.5m on North side - not significant now	Monitor every 2 years	C1 & 2
12	Rowan	7	N 4 E 3 S 3 W 2	250	1.6	MA	+20	P = Good S = Good		B1 & 2
13	Oak leaf Mountain Ash	8	N 4 E 4 S 3 W 3	440	1.7	MA	+20	P = Good S = Good		B1
14	Oak leaf Mountain Ash	9	N 3 E 4 S 3 W 4	450	1.7	MA	+20	P = Good S = Good		A1 & 2



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15	Hawthorn	4	N 2 E 2 S 2 W 2	100	01	YM	+20	P = Good S = Good		B1
16	Sorbus	7	N 1 E 1 S 2 W 2	125	2.5	YM	+20	P = Good S = Good		B1 & 2
17	Group 4 x Sycamore	3 to 4	N <1.5 E <1.5 S <1.5 W <1.5	70 to 90	1.6	NP	+30	P = Good S = Good		B2
18	Blue Cypress	11	N 3 E 3 S 3 W 3	720	0.2	YM	+30	P = Good S = Good		B1 & 2
19	Cherry	8	N 6 E 7 S 5 W 4	450	2	MA	+20	P = Good S = Good		B1 & 2
20	Cherry	8	N 4 E 4 S 5 W 5	470	1.8	MA	+20	P = Good S = Good		B1 & 2
21	Cherry	8	N 4 E 4 S 6 W 6	430	1.8	MA	+20	P = Good S = Good		B1 & 2
22	Cotoneaster	2	N 1 E 1 S 1 W 1	80	0.1	MA	+20	P = Good S = Good		B2



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23	Cherry	7	N 4 E 3 S 3 W 4	250	1.5	YM	10	P = Poor S = Fair • In terminal decline	Fell	U
24	Willow	2.5	N 1 E 1 S 1 W 1	70	0.1	YM	+20	P = Good S = Good • Previously felled with coppice regrowth		C1
25	Group 4 x Laurel 6 x Cypress & Elder	2 to 6	N 1 to 3 E 1 to 3 S 1 to 3 W 1 to 3	100 to 250	0.1	YM	+20	P = Good S = Good		B2
26	Group 6 x Laurel & Dead Elm	2 to 4	N 1 to 3 E 1 to 3 S 1 to 3 W 1 to 3	100 to 200	0.1	MA	+20	P = Good S = Good NB Except for dead Elm	Remove Dead Elm	B2
27	Oak	8	N 4 E 3 S 4 W 4	440	1.5	MA	+30	P = Good S = Fair • 100mm deep cavity at base - West • 100mm deep cavity at 1m - North	Monitor every 2 years	B1 & 2
28	Group Mixture of Blackthorn Hawthorn Rose, etc.	2 to 8	N 1 to 3 E 1 to 3 S 1 to 3 W 1 to 3	50 to 200	0.1	YM to MA	+15	P = Good to Fair S = Good to Fair		B1 & 2
29	Group Several Cypressus	5 to 7	N 1 to 4 E 1 to 4 S 1 to 4 W 1 to 4	200 to 350	0.3	YM	+20	P = Good S = Good		B1



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Key

Age Class: **YM** – Young (1st 1/3rd of life expectancy) **MA** – Middle-aged (2nd 1/3rd of life expectancy) **M** – Mature (Final 1/3rd of life expectancy)

OM – Over Mature (beyond life expectancy and in natural decline) **V** – Veteran (of great age for its species and possibly of conservation value)

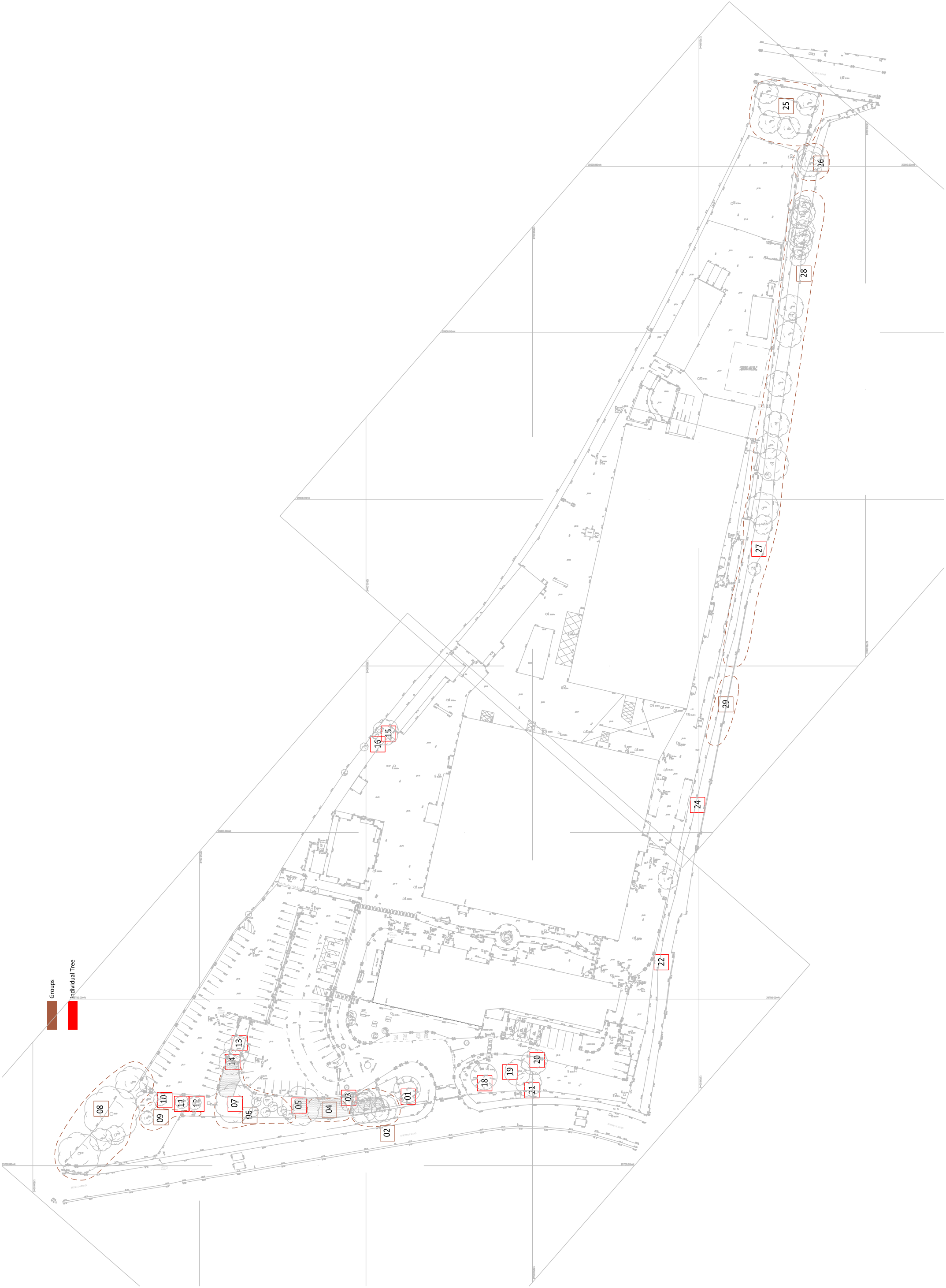
Condition: **P** = Physiological **Good** – No significant health problems **Fair** – Symptoms of ill health that can be remediated **Poor** – Significant ill health

S = Structural **Good** – No significant defects **Fair** – Significant defects that can be remediated **Poor** – Significant defects with no remedy

Category of Retention: **U** – Removal (<10yrs in current land use) **A** – High quality value **B** - Moderate quality value **C** – Low quality value

1 – Mainly arboricultural value **2** – Mainly landscape value **3** – Mainly cultural or conservation value

Map: Individual Trees are marked in **RED** & Groups are marked in **BROWN** with a broken line to denote the area.



Groups

Individual Tree