Old Oak Tree Care

Arboricultural ASSOCIATION Professional Member

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Demolition of existing building and its replacement
2 Mill Lane
Horsemans Green
Wrexham

Appendix A: Tree protection plan PC24/734/TPP
Appendix B: Tree categorisation
Appendix C: Protective fencing
Appendix D: Protective fencing signage
Appendix E: Tree schedule

13 December 2024

I have been asked by owner of the property, Peter Mellor to look into tree issues in relation to the above proposal.

A tree report was requested by the LPA to support the planning application, but after surveying and plotting the trees, I believe this is onerous on my client and a lesser amount of information satisfactory to ensure retained trees are not harmed during development.

To these ends I have surveyed and plotted all trees on site and drawn up a noted tree protection plan. Additionally, I include appendices of trees surveyed, protective fence design and signage for fencing.

No significant trees will be removed (just two small garden cypresses) and all construction work is well away from the larger, more important trees. The proposed protective fencing will protect all trees from harm during the build.

Protective fencing is to be put in place before any building work begins. Standard planning conditions on protective fencing, proof of this and design could be used to ensure compliance.

Should you have any questions in relation to the trees, please feel free to contact me.

Best regards

David Bailey
BSc(hons),M.Arbor.A,cert.Arb(RFS)

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Appendix A

2 Mill Lane, Horseman's Green, Wrexham

Tree Protection Plan
Showing all trees, crown dimensions, tree categories, root protection areas (RPAs) and protective fencing

SCALE : 1 : 200 @ A3

DATE : 16/12/2024

N

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B+W copies will not contain all information

Map reference: PC24/734/TPP

Legend

- Protective fencing
- Minimum fence distance
- Crown Spread
- Root Protection Area
- Category 'A'
- Category 'B'
- Category 'C'
- Category 'U'

0 — 15m

Sy7 C
2.3m
Fencing to follow edge of drive
2.5m
Cy1 C
6m
Ap2 B
3m
Sy6 C
7m
G8 C
Cy2 C
Cy4
Cy3 C
Remove these two small trees

Appendix B Tree Catagories

Table 1 of BS5837:2012

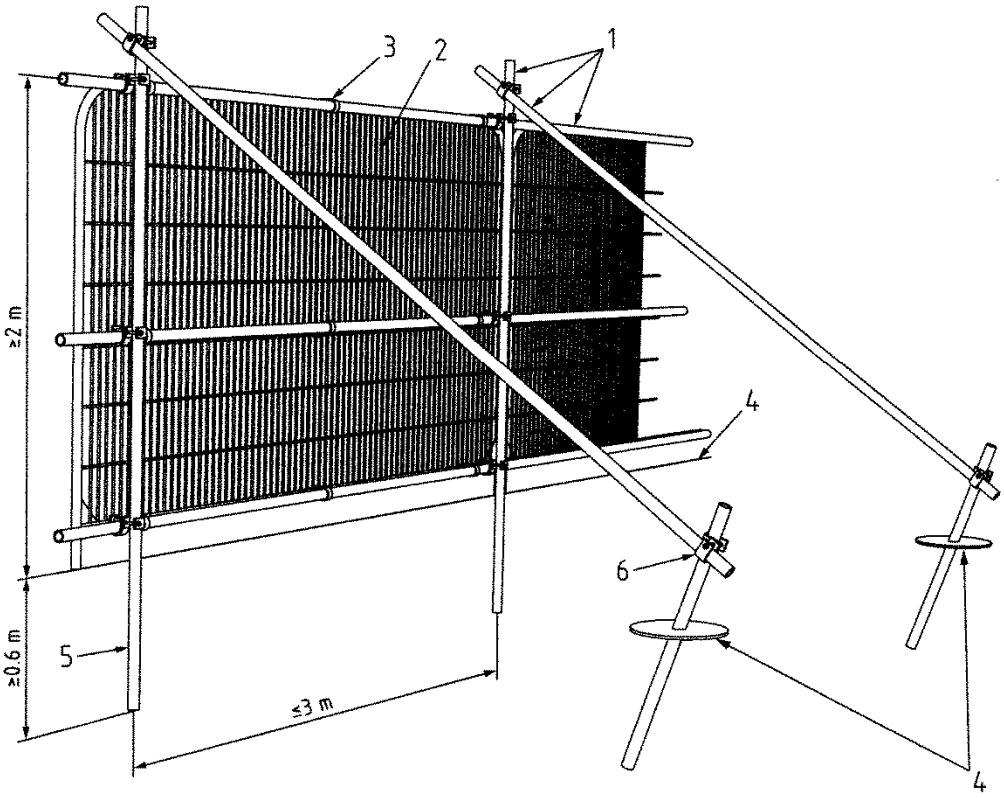
Table 1 Cascade chart for tree quality assessment

Category and definition	Criteria (including subcategories where appropriate)			Identification on plan
Trees unsuitable for retention (see Note)				
Category U 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	• Trees that have a serious, irremediable, structural defect, such that their early loss is expected due to collapse, including those that will become unviable after removal of other category U trees (e.g. where, for whatever reason, the loss of companion shelter cannot be mitigated by pruning) • Trees that are dead or are showing signs of significant, immediate, and irreversible overall decline • Trees infected with pathogens of significance to the health and/or safety of other trees nearby, or very low quality trees suppressing adjacent trees of better quality *NOTE Category U trees can have existing or potential conservation value which it might be desirable to preserve; see **4.5.7**.*			See Table 2
	1 Mainly arboricultural qualities	**2 Mainly landscape qualities**	**3 Mainly cultural values, including conservation**	
Trees to be considered for retention				
Category A **Trees of high quality** with an estimated remaining life expectancy of at least 40 years	Trees that are particularly good examples of their species, especially if rare or unusual; or those that are essential components of groups or formal or semi-formal arboricultural features (e.g. the dominant and/or principal trees within an avenue)	Trees, groups or woodlands of particular visual importance as arboricultural and/or landscape features	Trees, groups or woodlands of significant conservation, historical, commemorative or other value (e.g. veteran trees or wood-pasture)	See Table 2
Category B **Trees of moderate quality** with an estimated remaining life expectancy of at least 20 years	Trees that might be included in category A, but are downgraded because of impaired condition (e.g. presence of significant though remediable defects, including unsympathetic past management and storm damage), such that they are unlikely to be suitable for retention for beyond 40 years; or trees lacking the special quality necessary to merit the category A designation	Trees present in numbers, usually growing as groups or woodlands, such that they attract a higher collective rating than they might as individuals; or trees occurring as collectives but situated so as to make little visual contribution to the wider locality	Trees with material conservation or other cultural value	See Table 2
Category C **Trees of low quality** with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150 mm	Unremarkable trees of very limited merit or such impaired condition that they do not qualify in higher categories	Trees present in groups or woodlands, but without this conferring on them significantly greater collective landscape value; and/or trees offering low or only temporary/transient landscape benefits	Trees with no material conservation or other cultural value	See Table 2

Appendix C

Figure 2 of BS5837:2012

Figure 2 **Default specification for protective barrier**



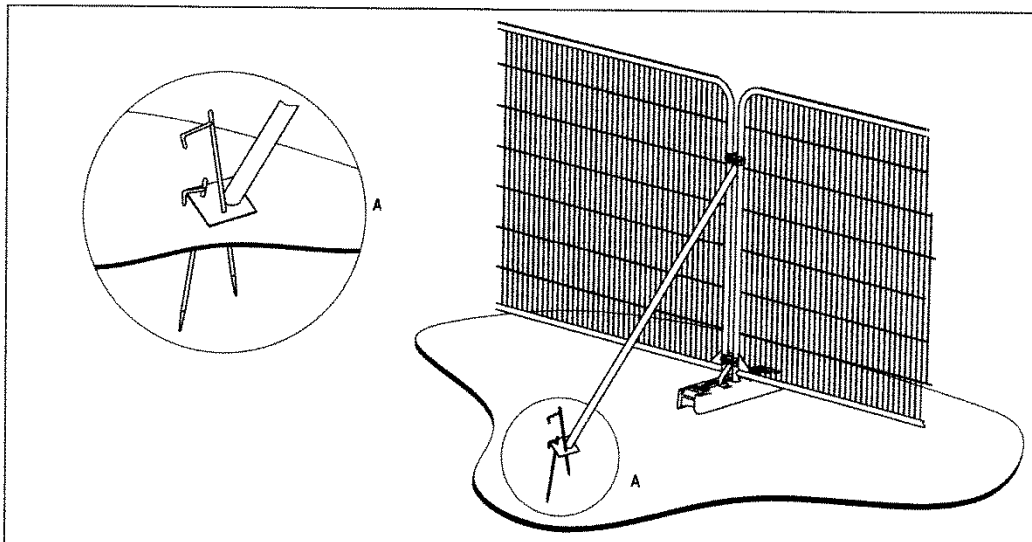
Key

1 Standard scaffold poles
2 Heavy gauge 2 m tall galvanized tube and welded mesh infill panels
3 Panels secured to uprights and cross-members with wire ties
4 Ground level
5 Uprights driven into the ground until secure (minimum depth 0.6 m)
6 Standard scaffold clamps

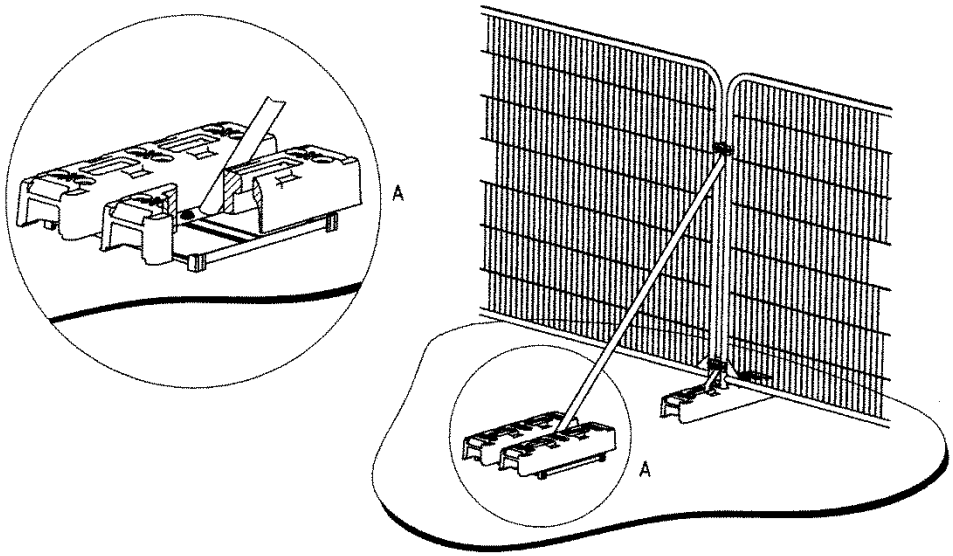
Appendix C (continued)

Figure 3 of BS5837:2012

Figure 3 **Examples of above-ground stabilizing systems**



a) Stabilizer strut with base plate secured with ground pins



b) Stabilizer strut mounted on block tray



PROTECTIVE FENCING. THIS FENCING MUST BE MAINTAINED IN ACCORDANCE WITH THE APPROVED PLANS AND DRAWINGS FOR THIS DEVELOPMENT.



TREE PROTECTION AREA
KEEP OUT !

(TOWN & COUNTRY PLANNING ACT 1990)
TREES ENCLOSED BY THIS FENCE ARE PROTECTED BY PLANNING CONDITIONS AND/OR ARE THE SUBJECTS OF A TREE PRESERVATION ORDER.
CONTRAVENTION OF A TREE PRESERVATION ORDER MAY LEAD TO CRIMINAL PROSECUTION

ANY INCURSION INTO THE PROTECTED AREA MUST BE WITH THE WRITTEN PERMISSION OF THE LOCAL PLANNING AUTHORITY

Appendix E

Tree Schedule

Tree number	Species	Height (m)	Diameter (mm)	N Crown spread (m)	E	S	W	N Crown Height (m)	E	S	W	Age bracket	Physiological Condition	Structural Condition	Years remaining	Quality assessment	RPA radius(m)	RPA Area (m2)	Notes
Cy1	Cupress	11	200	2	2	2	2	1	1	1	1	early-mature	good	good	10 to 20	C	2.4	18	
Ap2	Apple	14	525	5	6	6	6	5	5	5	5	mature	good	good	10 to 20	B	6.3	125	
Cy3	Cypress	21	600	5	5	5	5	3	3	3	3	mature	good	good	10 to 20	C	7.2	163	
Cy4	Cypress	4	75	2	2	2	2	1	1	1	1	young	good	good	20 to 40	C	0.9	3	
Cy5	Cypress	8	100	1	1	3	3	2	2	2	2	young	good	good	20 to 40	C	1.2	5	
Sy6	Sycamore	10	200	3	3	4	5	3	3	3	3	Mid-aged	good	good	20 to 40	C	2.4	18	
Sy7	Sycamore	8	200	3	1	3	3	2	2	2	2	Mid-aged	good	good	20 to 40	C	2.4	18	
G8	Group	10	200	4	4	4	4	3	3	3	3	Mid-aged	good	good	20 to 40	C	2.4	18	Sycamore, willow and hawthorn