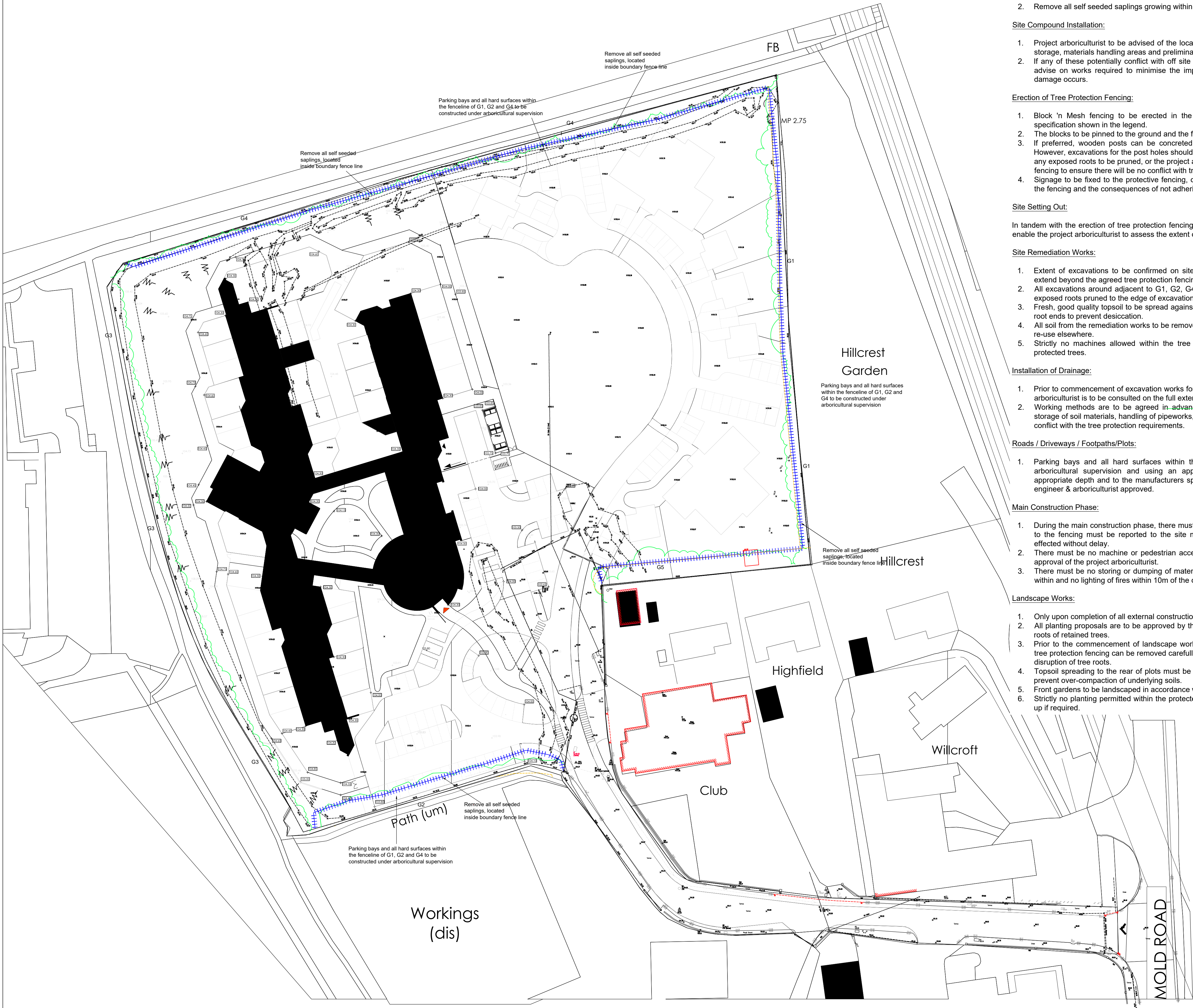


ARBORICULTURAL METHOD STATEMENT



Sequence Of Works:

Preliminary Tree Works:

- G1, G2, G4, G5, Reduce branch tips from off site trees to allow for construction and parking. Branch tips must be reduced to nearest available branch union. All work to be undertaken in line with BS 3998 2010, Tree Work - Recommendations.
- Remove all self seeded saplings growing within the site.

Site Compound Installation:

- Project arboriculturist to be advised of the location of the proposed site compound, including any proposed storage, materials handling areas and preliminary access routes.
- If any of these potentially conflict with off site trees and exclusion zones, the project arboriculturist is to advise on works required to minimise the impact on retained trees / hedges to ensure no unnecessary damage occurs.

Erection of Tree Protection Fencing:

- Block 'n Mesh fencing to be erected in the position denoted by the line on the drawing and to the specification shown in the legend.
- The blocks to be pinned to the ground and the fence stabilised using diagonal braces.
- If preferred, wooden posts can be concreted into the ground and the fence panels fixed to the posts. However, excavations for the post holes should be carried out either under arboricultural supervision to allow any exposed roots to be pruned, or the project arboriculturist to carry out an advance inspection of the line of fencing to ensure there will be no conflict with trees or their roots.
- Signage to be fixed to the protective fencing, one per panel, informing site operatives of the importance of the fencing and the consequences of not adhering to the requirements for tree protection.

Site Setting Out:

In tandem with the erection of tree protection fencing, engineers to set out roads, sewers, driveways and plots to enable the project arboriculturist to assess the extent of works and prepare for initial excavations.

Site Remediation Works:

- Extent of excavations to be confirmed on site with the project arboriculturist ensuring that works do not extend beyond the agreed tree protection fencing.
- All excavations around adjacent to G1, G2, G4, G5 to be supervised by the project arboriculturist and any exposed roots pruned to the edge of excavation using sharp tools.
- Fresh, good quality topsoil to be spread against any cut roots or damp hessian sacking laid to cover the cut root ends to prevent desiccation.
- All soil from the remediation works to be removed using pre-approved haul routes for appropriate disposal or re-use elsewhere.
- Strictly no machines allowed within the tree protection zones; all machines must work away from the protected trees.

Installation of Drainage:

- Prior to commencement of excavation works for the installation of foul or surface water drainage, the project arboriculturist is to be consulted on the full extent of works required.
- Working methods are to be agreed in advance, including the lines of proposed excavations, temporary storage of soil materials, handling of pipeworks, haul routes and backfilling works to ensure that these do not conflict with the tree protection requirements.

Roads / Driveways / Footpaths/Plots:

- Parking bays and all hard surfaces within the fenceline of G1, G2 and G4 to be constructed under arboricultural supervision and using an appropriate geotextile (Cellweb or similar approved) at the appropriate depth and to the manufacturers specification with a porous surface. Construction details to be engineer & arboriculturist approved.

Main Construction Phase:

- During the main construction phase, there must be no breaching of the tree protection fencing. Any damage to the fencing must be reported to the site manager and project arboriculturist immediately and repairs effected without delay.
- There must be no machine or pedestrian access within the fenced off areas at any time without the prior approval of the project arboriculturist.
- There must be no storing or dumping of materials or any kind within fenced off areas, no spilling of liquids within and no lighting of fires within 10m of the outer branch spread of any retained tree.

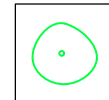
Landscape Works:

- Only upon completion of all external construction works can landscaping works commence.
- All planting proposals are to be approved by the project arboriculturist in advance to ensure no conflict with roots of retained trees.
- Prior to the commencement of landscape works, providing that the project arboriculturist is in agreement, tree protection fencing can be removed carefully. Any posts concreted in must be lifted out vertically to avoid disruption of tree roots.
- Topsoil spreading to the rear of plots must be carried out using light machine only with minimal tracking to prevent over-compaction of underlying soils.
- Front gardens to be landscaped in accordance with the approved landscape plan.
- Strictly no planting permitted within the protected root zone of T6. Mulch across this area should be topped up if required.

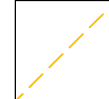
DO NOT SCALE

ALL COORDINATES RELATED TO LOCAL GRID LOCATED TO OS NO BY BEST FIT TO DETAIL, EXTRACTED FROM OS DIGITAL DATA. © This drawing, including the design and technical information contained on it, is the property of Ascerta. The drawing may only be used for the specific purpose for which it has been intended and may not be reproduced or copied without prior permission.

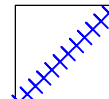
KEY



Existing tree to be retained



Extent of Root Protection Area for retained trees in accordance with BS5837: 2012 Trees in relation to design, demolition and construction - Recommendations

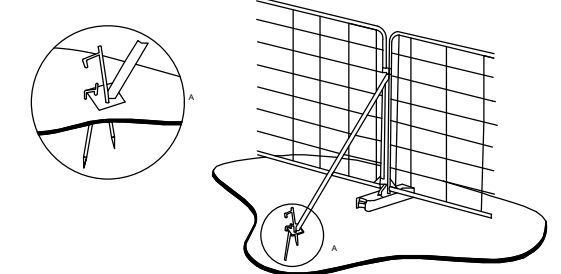


Proposed location of protective fencing - see inset for type / construction detail

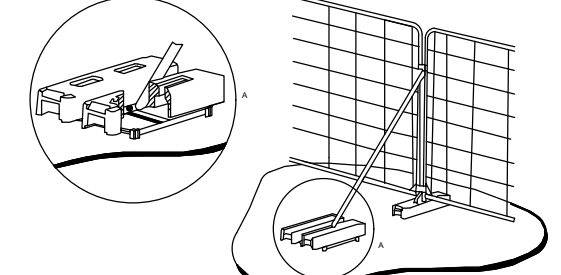
TREE PROTECTION FENCING

BS5837: 2012

Figure 3 Examples of above-ground stabilising systems



a) Stabilizer strut with base plate secured with ground pins



b) Stabilizer strut mounted on block tray

ADVISED FENCING SIGNAGE



**TREE PROTECTION AREA
KEEP OUT!**

(TOWN & COUNTRY PLANNING ACT 1990)
TREES ENCLOSED BY THIS FENCE ARE PROTECTED BY PLANNING CONDITIONS AND/OR ARE THE SUBJECT 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.

Laminated copies of the above sign (or similar if approved by the project arboriculturist) are to be attached to the outside of the protective fencing at 4m intervals such that they are clearly visible to site personnel.

DATE:	DESCRIPTION:	REV:
Ascerta Landscape Trees Ecology t: 0845 463 4404 e: info@landscapetreecology.com www.landscapetreecology.com		
CLIENT: ASC Real Estate Investments		
PROJECT: Mold Road, Gwersyllt, Wrexham LL11 4AF		
DRAWING TITLE: Arboricultural Method Statement		
SCALE: 1:500 @ A0		
DRAWN BY: SR	CHECKED BY: CP	DATE: 18/10/2023
DRAWING NO: P.1812.23.T02		REV: -



DO NOT SCALE

ALL COORDINATES RELATED TO LOCAL GRID LOCATED TO OS NG BY BEST FIT TO DETAIL. EXTRACTED FROM OS DIGITAL DATA.

© This drawing, including the design and technical information contained on it, is the property of Ascerta. The drawing may only be used for the specific purpose for which it has been intended and may not be reproduced or copied without prior permission.

KEY

Existing tree to be retained

Existing tree to be removed

DATE	DESCRIPTION	REV

Ascerta

Landscape | Trees | Ecology

t: 0845 463 4404

e: info@landscapetreeseecology.com

www.landscapetreeseecology.com

CLIENT:

ASC Real Estate Investments

PROJECT:

Mold Road, Gwersyllt, Wrexham LL11 4AF

DRAWING TITLE:

Tree Survey

SCALE:

1:500 @ A0

DRAWN BY:

SR

CHECKED BY:

CP

DATE:

18/10/2023

DRAWING NO:

P.1812.23.T01

REV

-

C:\Users\44771\Ascerta\Ascerta Team Site - Server\All Jobs\1812.23 Mold Road, Gwersyllt, Wrexham LL11 4AF (linked to 883.17)03 Working\01 CAD_Drawings\IP.1812.23.T01 TS_T02 AMS

Site:	Mold Road, Gwersyllt, Wrexham LL11 4AF (linked to 883.17)	Surveyor:	Stuart Randle	 Landscape Trees Ecology
Client:	ASC Real Estate Investments	Survey Date:	13 th February 2023	
Brief:	Tree Survey	Survey Conditions:	Bright, Clear	

Page 1 of .

T. No	Species	Ht (m)	Stem DBH (mm)	RPA Radius	Branch Spread				Ht Crown Clearance (m)	Age Class	P Condition	Structural Condition & General Comments	Preliminary Recommendations (not to be actioned without a valid planning consent)	Est. (yrs)	Cat
				(m)	N	S	E	W							Grade
G1	Ash Sycamore Cherry Birch Hawthorn	3 to 14	300 max	3.60	-	-	-	5	0.5	Y to EM	F	Offsite trees. Dense. Not inspected in detail due to location. Branches and some minor stems growing through boundary fencing. Branch tips overhanging site by a maximum of 5m.	Crown reduce branch tips to allow for development. Remove any stems growing through the boundary fence.	30	B2
G2	Birch Goat Willow	2 to 12	200 max	2.40	6	-	-	-	0.2	Y	F/P	Offsite trees growing on mounded earth. Not inspected in detail due to location. Some minor specimens located within the site close to boundary fence. Self-seeded. Dense. Branches and some minor stems growing through boundary fencing. Branch tips overhanging site by a maximum of 6m.	Crown reduce branch tips to allow for development. Remove any stems growing through the boundary fence.	20	B2
G3	Ash Sycamore Mixed understorey.	6 to 17	500 max	NA due to elevated position.	-	-	6	-	11 due to elevated location.	EM	F	Offsite trees. Located at a considerably higher level than the site, at top of steep earth bank. Not inspected in detail due to location. Some branch tips overhang site.	No work required at present. Landowners responsible for trees should be informed of statutory obligations to maintain trees for H&S. Given their location in relation to the proposed development.	25	B1

NOTE: The Category Grade applied to trees surveyed is consistent with the recommendations within Table 1 of BS5837: 2012, however this does not necessarily correlate with the visual importance of a tree within the wider landscape, nor does it dictate which trees should be retained at the cost of quality development. Where trees are to be lost to accommodate a development, recommendations will be made such as to provide suitable mitigation and compensation, and to integrate the development into the wider landscape.

Key to Abbreviations & Headings

T. No.: Tree number (T = Tree, G – Group, W = Woodland, H = Hedge, Cpt. = Compartment)
Stem DBH (Diameter at Breast Height): Measured at 1.5m above ground level*
Ht Crown Clearance: Canopy ground clearance
Structural Condition: Description of any observed defects
Cat. Grade: Tree quality assessment in accordance with BS5837: 2012

Species: Common name used
Root Protection Area Radius: Root Protection Area as per BS5837: 2012
Age Class: Y = Young, EM =Early Mature, M = Mature, OM = Over mature, D = Dead
Preliminary Recommendations: Made in respect of known / intended use of the site
* For groups of trees, the stem diameter of the largest tree in the group is generally used
Denotes estimated DBH where access was not possible

Ht: Approximate height of tree from ground level in metres
Branch Spread: Extent of canopy spread in metres to each of the four cardinal points
P (Physiological) Condition: G = Good, F = Fair, P = Poor, D = Dead
Est. (yrs): Estimated remaining contribution in years

© Ascerta

Site:	Mold Road, Gwersyllt, Wrexham LL11 4AF (linked to 883.17)	Surveyor:	Stuart Randle	 Landscape Trees Ecology
Client:	ASC Real Estate Investments	Survey Date:	13 th February 2023	
Brief:	Tree Survey	Survey Conditions:	Bright, Clear	

Page 2 of .

T. No	Species	Ht (m)	Stem DBH (mm)	RPA Radius	Branch Spread				Ht Crown Clearance (m)	Age Class	P Condition	Structural Condition & General Comments	Preliminary Recommendations (not to be actioned without a valid planning consent)	Est. (yrs)	Cat
				(m)	N	S	E	W							Grade
G4	Goat Willow Hazel Cherry Ash	4 to 17	450 max	Max DBH at none elevated location 250mm. RPA = 3M	-	5	-	-	0.5	Y to SM	F	Offsite trees. Dense. Self seeded. Not inspected in detail due to location. Branches and some minor stems growing through boundary fencing. Branch tips overhanging site by a maximum of 5m. Some minor specimens located inside site.	Crown reduce branch tips to allow for development. Remove any stems and/or branches growing through the boundary fence.	30	B2
G5	Cypress	12	Multi	4.50	2	-	-	-	0.2	EM	F	Offsite trees. Branches growing through boundary fencing. Branch tips overhanging site by a maximum of 2m. Some minor specimens located inside site.	Crown reduce branch tips to allow for development.	10	C1

NOTE: The Category Grade applied to trees surveyed is consistent with the recommendations within Table 1 of BS5837: 2012, however this does not necessarily correlate with the visual importance of a tree within the wider landscape, nor does it dictate which trees should be retained at the cost of quality development. Where trees are to be lost to accommodate a development, recommendations will be made such as to provide suitable mitigation and compensation, and to integrate the development into the wider landscape.

Key to Abbreviations & Headings

T. No.: Tree number (T = Tree, G – Group, W = Woodland, H = Hedge, Cpt. = Compartment)
Stem DBH (Diameter at Breast Height): Measured at 1.5m above ground level*
Ht Crown Clearance: Canopy ground clearance
Structural Condition: Description of any observed defects
Cat. Grade: Tree quality assessment in accordance with BS5837: 2012

Species: Common name used
Root Protection Area Radius: Root Protection Area as per BS5837: 2012
Age Class: Y = Young, EM =Early Mature, M = Mature, OM = Over mature, D = Dead
Preliminary Recommendations: Made in respect of known / intended use of the site
* For groups of trees, the stem diameter of the largest tree in the group is generally used
Denotes estimated DBH where access was not possible

Ht: Approximate height of tree from ground level in metres
Branch Spread: Extent of canopy spread in metres to each of the four cardinal points
P (Physiological) Condition: G = Good, F = Fair, P = Poor, D = Dead
Est. (yrs): Estimated remaining contribution in years

© Ascerta