Allerton Priory Woolton Road Liverpool

Redrow Homes NW

ARBORICULTURAL IMPACT ASSESSMENT AND METHOD STATEMENT (Revision M)



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Landscape Architecture Arboriculture

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Ref: MG/4815/AIA&AMS/REV M/NOV19

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1.0 Introduction

- 1.1 This document has been prepared by Trevor Bridge Associates on the behalf of Redrow Homes North West. It provides an Arboricultural Impact Assessment (AIA) and Arboricultural Method Statement (AMS) in regards to the following proposed development.
 - Construction of 119 residential properties and related infrastructure.
- 1.2 This document follows, and should be read in conjunction with, a pre-development tree survey that was initially undertaken by TBA Ltd in September 2014 and subsequently revised in 2015, and 2016 (ref: MG/4815/TSR/REV B).
- 1.2.2 This document is Revision M; the revision includes an updated layout of Parcel 3 to the northwest of the site. The revised layout causes no material alterations to impacts to trees.
- 1.3 For the purposes of preparing this document the following material was referenced:
 - Client drawing: *Planning Layout. Drawing No. 1158-02-02-201.*
 - Engineering drawing: SS_18064_Engineering Base. Date: 12.09.18
- 1.4 This report assesses the potential impacts to trees as a consequence of the development proposals, as well as specifying the necessary methodologies required during construction to ensure that trees being retained are afforded adequate protection from harm.
- 1.5 Accompanying this report is the following drawing which must be read in conjunction with this report:
 - TBA Drawing: Tree Protection Plan. Drawing No. 4815.05 & 06 (2x sheets). Rev M. Date started: April 2018.

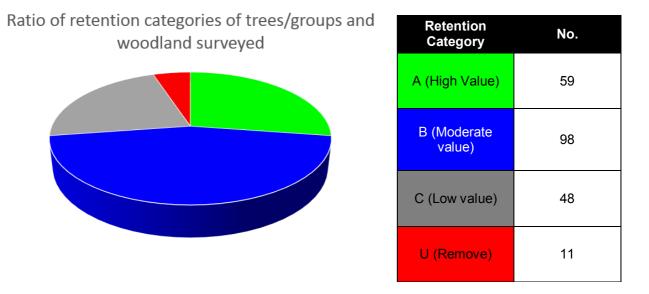
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2.0 Arboricultural Impact Assessment

2.1 The consequences on existing trees situated within and adjacent the proposed development site are considered.

2.2 The value of the trees and vegetation surveyed

In the initial tree survey report a total of 216 items were surveyed within and adjacent the development site. These items comprised 170 individual trees, 45 groups and a single woodland area. The chart and table below shows the ratio of tree retention categories on the site and number of items (be it groups or individuals etc that were surveyed).



3.0 Arboricultural Impact Table - Key

3.1 The Arboricultural Impact Table (section 3.3) lists all items surveyed within the site. The tree data is taken from the initial tree survey report. The table is colour coded for ease of reference, particularly in relation to the value of trees and the potential impact that may occur to them:

High	High value tree / group / hedge as included within the initial tree survey
B (Moderate)	Moderate value tree / group / hedge as included within the initial tree survey
C (Low)	Low value tree / group / hedge as included within the initial tree survey
U (Remove)	Tree / group / hedge in poor condition. Retention unsustainable within context of development

Tree Values

Impacts on Tree's / Groups

Removal	Tree / Group / Hedge will require removal in order to facilitate the development proposals
Partial Removal	Group or hedge will require partial removal to facilitate the development proposals
High	The development proposals will have a high impact the on the tree /group / hedge
Moderate	The development proposals will have a moderate impact on the tree / group /hedge
Low	The development proposals will have a low impact on the tree / group / hedge
None	The development proposals will have no impacts on the tree / group / hedge

High

Moderate

Low

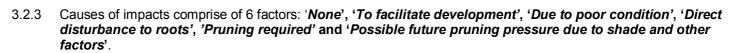
None

3.2 Arboricultural Impact Table - Cascade Chart:

3.2.1 Tree **Values** are taken from BS: 5837 and comprise of the following:

Remova

3.2.2 The **Impacts** comprise of 6 elements:



Partia

lemova

3.2.4 Comments are also included providing more information where necessary.

	REMOVAL	PARTIAL REMOVAL	HIGH	MODERATE	LOW
TO FACILTATE DEVELOPMENT	Tree / group requires removal.	Partial removal of group is required. I.e., 'a section of hedge may require removal to allow a new access road'.	N/A	N/A	N/A
DUE TO POOR CONDITION	Tree or group require removal due to poor structural and / or physiological condition.	Part of group require removal due to poor structural and / or physiological condition.	N/A	N/A	N/A
DIRECT DISTURBANCE TO ROOTS	N/A	N/A	In many case this will result in the loss of tree/s - refer to 'TO FACILIATE DEVELOPMENT'. In rare cases a Tree/s may be retained but damage will occur to the roots.	Disturbance will be caused to roots of a tree/s that are likely to result in some physiological and structural dysfunction. The extent of damage does not require trees to be felled. Remedial actions may be taken in some cases that would help mitigate against damage but site topography, tree age, condition and species condition may result in disturbance being considered MODERATE as opposed to LOW.	Activity will occur within the root protection area of trees which will have a low impact, or can be mitigated by special measures.
PRUNING REQUIRED	NI/A		Pruning that may retain a tree but will have a potential impact on the tree condition and visual appearance	Pruning is required that is acceptable within recommendations within BS3008:2010, but would require a material alteration to the tree/group affected.	Pruning is required that will have little impact to the structural, physiological and visual amenity of a tree or group.
POSSIBLE FUTURE PRUNING PRESSURE DUE TO SHADE OR OTHER FACTORS	Removal of tree/s required as retention is unsustainable and/or undesirable within the context of development. i.e. fast growing tree in small garden.	Partial removal of tree/s required as retention is unsustainable and/or undesirable within the context of development. i.e. fast growing tree in small garden.	Tree/s likely to cause significant shading. i.e. small garden areas with dense mature trees to south.	Some level of shade or other inconvenience will occur. Not highly oppressive, but some residents may seek management of trees in long term.	Some level of shading / overhang will occur.



3.3 ARBORICULTURAL IMPACT TABLE - RESULTS

Ref No.	Species	Value	Impact	Impact Cause	Management Options / Comments	Other
T1	Horse Chestnut	B (Moderate)	Low	Pruning required	Undertake and overall 20% canopy reduction to lessen end weight within the crown and the possibility of future branch fracture/loss. <u>Work</u> <u>to be addressed within separate report (and TPO</u> <u>application).</u>	Tree protection fencing required.
T2	Sycamore	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
G1	Mixed Species Group	C (Low)	None	N/a	Tree protection fencing required.	N/a
Т3	Horse Chestnut	B (Moderate)	None	Pruning required	Reduce the lowest lateral limb to the south-west by approximately 20% (of its total length) to lessen end weight. <u>Work to be addressed within</u> <u>separate report (and TPO application).</u>	Tree protection fencing required.
T4	Sycamore	C (Low)	None	N/a	Tree protection fencing required.	N/a
Т5	Sycamore	C (Low)	None	N/a	Tree protection fencing required.	N/a
G2	Mixed Species Group	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
Т6	Red Chestnut	C (Low)	None	N/a	Tree protection fencing required.	N/a
G3	2x Sycamore	U (Poor)	Removal	Due to poor condition	Work to be addressed within separate report (and <u>TPO application).</u>	N/a
T7	Hawthorn	C (Low)	None	N/a	Tree protection fencing required.	N/a



Ref No.	Species	Value	Impact	Impact Cause	Management Options / Comments	Other
Т8	Horse Chestnut	B (Moderate)	None	Pruning required	Reduce lateral branches by approx. 30% and upper canopy height by some 20%. <u>Work to be</u> <u>addressed within separate report (and TPO</u> <u>application).</u>	Tree protection fencing required.
G4	4x Sycamore	C (Low)	None	N/a	Tree protection fencing required.	N/a
Т9	Sycamore	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T10	Sycamore	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T11	Sycamore	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T12	Horse Chestnut	B (Moderate)	None	Pruning required	Undertake and overall 20% canopy reduction to lessen end weight within the crown and the possibility of future branch fracture/loss. <u>Work</u> <u>to be addressed within separate report (and TPO</u> <u>application).</u>	Tree protection fencing required.
G5	7x Sycamore	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T13	Turkey Oak	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T14	Hawthorn	C (Low)	None	N/a	Tree protection fencing required.	N/a
G6	Mixed Species Group	A (High)	None	N/a	Tree protection fencing required.	N/a
T15	Sycamore	C (Low)	None	N/a	Tree protection fencing required.	N/a



Ref No.	Species	Value	Impact	Impact Cause	Management Options / Comments	Other
T16	Sycamore	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T17	Sycamore	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T18	Sycamore	B (Moderate)	None	N/a	Tree protection timber hoarding required.	N/a
T19	Sycamore	B (Moderate)	None	N/a	Tree protection timber hoarding required.	N/a
T20	Sycamore	B (Moderate)	None	N/a	Tree protection timber hoarding required.	N/a
T21	Sycamore	B (Moderate)	None	N/a	Tree protection timber hoarding required.	N/a
T22	Sycamore	B (Moderate)	None	N/a	Tree protection timber hoarding required.	N/a
G7	Mixed Species Group	A (High)	None	N/a	Tree protection fencing and Tree protection timber hoarding required. See plan for location.	N/a
T23	Sycamore	B (Moderate)	None	N/a	Tree protection timber hoarding required.	N/a
T24	Sycamore	B (Moderate)	None	N/a	Tree protection timber hoarding required.	N/a
T25	Sycamore	B (Moderate)	None	N/a	Tree protection timber hoarding required.	N/a
T26	Sycamore	B (Moderate)	None	N/a	Tree protection timber hoarding required.	N/a



Ref No.	Species	Value	Impact	Impact Cause	Management Options / Comments	Other
T27	Sycamore	A (High)	None	N/a	Tree protection fencing required.	N/a
T28	Sycamore	C (Low)	Removal	To facilitate development	To facilitate new access from Allerton Road.	N/a
G8	Group of Wild Chery	C (Low)	Removal	To facilitate development	To facilitate new access from Allerton Road.	N/a
T29	Wild Cherry	B (Moderate)	Removal	To facilitate development	To facilitate new access from Allerton Road.	N/a
Т30	Sycamore	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T31	Lime	A (High)	Removal	To facilitate development	To facilitate new access from Allerton Road.	N/a
T32	Sycamore	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
Т33	Sycamore	C (Low)	None	N/a	Tree protection fencing required.	N/a
T34	Sycamore	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T35	Sycamore	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
G9	4x Sycamore	B (Moderate)	Removal	To facilitate development	To facilitate access from Allerton Road.	N/a
Т36	Sycamore	B (Moderate)	None	N/a	Tree protection fencing required.	N/a



Ref No.	Species	Value	Impact	Impact Cause	Management Options / Comments	Other
G10	2x Sycamore	U (Poor)	Removal	Due to poor condition	Fell to prevent damage to the wall. <u>Work to be</u> <u>addressed within separate report (and TPO</u> <u>application).</u>	N/a
Т37	Sycamore	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T38	Common Oak	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
Т39	Common Oak	B (Moderate)	None	N/a	Tree protection timber hoarding required.	N/a
G11	Row of Sycamore	B (Moderate)	None	N/a	Tree protection timber hoarding required.	N/a
G12	Mixed Species Group	A (High)	Partial Removal	N/a	Several small Sycamores have self seeded adjacent boundary wall. <u>Work to be addressed</u> within separate report (and TPO application).	N/a
T40	Sycamore	B (Moderate)	None	N/a	Tree protection timber hoarding required.	N/a
T41	Sycamore	B (Moderate)	None	N/a	Tree protection timber hoarding required.	N/a
T42	Sycamore	C (Low)	None	N/a	Tree protection timber hoarding required.	N/a
T43	Sycamore	B (Moderate)	None	N/a	Tree protection timber hoarding required.	N/a
T44	Lime	A (High)	None	N/a	Tree protection timber hoarding required.	N/a
G13	Mixed Species Group	A (High)	None	N/a	Tree protection timber hoarding required.	N/a



Ref No.	Species	Value	Impact	Impact Cause	Management Options / Comments	Other
G14	Sycamore Group	C (Low)	None	N/a	Tree protection timber hoarding required.	N/a
T45	Lime	A (High)	None	N/a	Tree protection timber hoarding required.	N/a
T46	Lime	A (High)	None	N/a	Tree protection timber hoarding required.	N/a
T47	Lime	B (Moderate)	None	N/a	Tree protection timber hoarding required.	N/a
T48	Oak	B (Moderate)	None	N/a	Tree protection timber hoarding required.	N/a
T49	Lime	A (High)	None	N/a	Tree protection timber hoarding required.	N/a
T50	Sycamore	C (Low)	None	N/a	Tree protection timber hoarding required.	N/a
T51	Lime	A (High)	None	N/a	Tree protection timber hoarding required.	N/a
T52	Oak	C (Low)	Low	Pruning required	Crown lift canopy to 4.5m height on easterly side (only the outer 2m length of the outer easterly canopy requires the crown lift).	Tree protection timber hoarding required
102	our	C (10W)	Low	Direct disturbance to roots	Minor ingress within the root protection area for construction of drainage.	N/a
G15	Mixed Species Group	B (Moderate)	None	N/a	Tree protection timber hoarding required.	N/a
T53	Lime	A (High)	Low	Direct disturbance to roots	Minor ingress within the root protection area for construction of drainage.	Tree protection timber hoarding required



Ref No.	Species	Value	Impact	Impact Cause	Management Options / Comments	Other
T54	Sycamore	A (High)	Low	Pruning required	Crown lift canopy to 4.5m height on easterly side (only the outer 3m length of the outer easterly canopy requires the crown lift).	Tree protection timber hoarding required
	0,000		Low	Direct disturbance to roots	Minor ingress within the root protection area for construction of drainage.	N/a
T55	Sycamore	C (Low)	None	Pruning required	Reduce the canopy of the tree all over by some 30%. <u>Work to be addressed within separate</u> <u>report (and TPO application).</u>	Tree protection timber hoarding required.
G16	Group of Sycamores	C (Low)	None	N/a	Tree protection timber hoarding required.	N/a
T56	Sycamore	A (High)	None	N/a	Tree protection timber hoarding required.	N/a
T57	Norway Maple	A (High)	None	N/a	Tree protection timber hoarding required.	N/a
T58	Sycamore	B (Moderate)	None	N/a	Tree protection timber hoarding required.	N/a
G17	Mixed Species Group	C (Low)	None	N/a	Tree protection timber hoarding required.	N/a
T59	Sycamore	A (High)	None	N/a	Tree protection timber hoarding required.	N/a
T60	Scots Pine	C (Low)	None	N/a	Tree protection timber hoarding required.	N/a
T61	Sycamore	A (High)	None	N/a	Tree protection timber hoarding required.	N/a
T62	Sycamore	B (Moderate)	None	N/a	Tree protection timber hoarding required.	N/a

Ref No.	Species	Value	Impact	Impact Cause	Management Options / Comments	Other
T63	Sycamore	U (Poor)	Removal	Due to poor condition	<u>Work to be addressed within separate report (and</u> <u>TPO application).</u>	N/a
G18	2x Sycamore	U (Poor)	Removal	Due to poor condition	Work to be addressed within separate report (and <u>TPO application).</u>	N/a
T64	Sycamore	B (Moderate)	None	N/a	Tree protection timber hoarding required.	N/a
T65	Sycamore	B (Moderate)	None	N/a	Tree protection timber hoarding required.	N/a
T66	Sycamore	B (Moderate)	None	N/a	Tree protection timber hoarding required.	N/a
T67	Beech	C (Low)	None	N/a	Tree protection timber hoarding required.	N/a
T68	Scots Pine	A (High)	None	N/a	Tree protection timber hoarding required.	N/a
T69	Scots Pine	C (Low)	None	N/a	Tree protection timber hoarding required.	N/a
T70	Oak	C (Low)	None	N/a	Tree protection timber hoarding required.	N/a
G19	Mixed Species Group	C (Low)	None	N/a	Tree protection timber hoarding required.	N/a
T71	Scots Pine and Sycamore	B (Moderate)	None	N/a	Tree protection timber hoarding required.	N/a
T72	Sycamore	B (Moderate)	None	N/a	Tree protection timber hoarding required.	N/a

Ref No.	Species	Value	Impact	Impact Cause	Management Options / Comments	Other
T73	Holly	C (Low)	None	N/a	Tree protection timber hoarding required.	N/a
T74	Sycamore	B (Moderate)	None	N/a	Tree protection timber hoarding required.	N/a
T75	Sycamore	B (Moderate)	None	N/a	Tree protection timber hoarding required.	N/a
T76	Sycamore	B (Moderate)	None	N/a	Tree protection timber hoarding required.	N/a
G20	2x Holly	U (Poor)	Removal	Due to poor condition	Work to be addressed within separate report (and <u>TPO application).</u>	N/a
G21	Row of Holly	C (Low)	None	N/a	Tree protection timber hoarding required.	N/a
T77	Beech	U (Poor)	Removal	Due to poor condition	Work to be addressed within separate report (and <u>TPO application).</u>	N/a
T78	Beech	A (High)	None	Pruning required	Reduce the canopy of the tree all over by some 20%, and shorten the limb over the road by approximately 30%. <u>Work to be addressed within</u> <u>separate report (and TPO application).</u>	Tree protection timber hoarding required.
T79	Lime	A (High)	None	Pruning required	Remove basal, and epicormic growth. <u>Work to be</u> <u>addressed within separate report (and TPO</u> <u>application).</u>	Tree protection fencing required.
Т80	Horse Chestnut	A (High)	None	Pruning required	Reduce the low lateral over the road by approx. 20% to lessen end weight. <u>Work to be addressed</u> within separate report (and TPO application).	Tree protection fencing required.
T81	Sycamore	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T82	Oak	C (Low)	None	N/a	Tree protection fencing required.	N/a

Ref No.	Species	Value	Impact	Impact Cause	Management Options / Comments	Other
Т83	Horse Chestnut	U (Poor)	Removal	Due to poor condition	Work to be addressed within separate report (and <u>TPO application).</u>	N/a
T84	Lime	A (High)	None	Pruning required	Remove epicormic growth around base. <u>Work to</u> <u>be addressed within separate report (and TPO</u> <u>application).</u>	N/a
			Low	Direct disturbance to roots	Minor ingress within the outer root protection area for construction of access drive.	Tree protection fencing required.
T85	F85 Beech C	C (Low)	Low	Direct disturbance to roots	Boundary treatment to be constructed within the root protection area of the tree. Boundary treatment to comprise metal estate rail and post fencing to be erected by hand.	Tree protection fencing required.
			None	Pruning required	Reduce the overall canopy spread by approx. 30% to lessen the possibility of future branch failure. <u>Work to be addressed within separate report (and</u> <u>TPO application).</u>	Tree protection fencing required.
T86	Scots Pine	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T87	Sycamore	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T88	Beech	A (High)	None	Pruning required	Reduce the canopy height by some 20%, and blend into remaining canopy (to reduce structural stresses on the tree due to weakened fork). <u>Work to be addressed within separate report (and</u> <u>TPO application).</u>	Tree protection fencing required.
Т89	Lime	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
Т90	Sycamore	A (High)	None	N/a	Tree protection fencing required.	N/a



Ref No.	Species	Value	Impact	Impact Cause	Management Options / Comments	Other
T91	Sycamore	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T92	Sycamore	C (Low)	None	Pruning required	Reduce the canopy overall by approx. 30% due to hollowing within the trunk. <u>Work to be addressed</u> within separate report (and TPO application).	N/a
Т93	Larch	C (Low)	None	N/a	Tree protection fencing required.	N/a
T94	Sycamore	C (Low)	None	N/a	Tree protection fencing required.	N/a
T95	Sycamore	A (High)	None	N/a	Tree protection fencing required.	N/a
Т96	Sycamore	A (High)	None	N/a	Tree protection fencing required.	N/a
Т97	Horse Chestnut	B (Moderate)	Low	Direct disturbance to roots	Very minor ingress within an outer section of the root protection area for Plot 1 to allow for working space.	Tree protection fencing required.
Т98	Sweet Chestnut	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
G22	7x Sweet Chestnut	C (Low)	None	N/a	Tree protection fencing required.	N/a
G22a	Mixed Species Group	C (Low)	None	N/a	Tree protection fencing required.	N/a
Т99	Sweet Chestnut	C (Low)	None	N/a	Tree protection fencing required.	N/a

Ref No.	Species	Value	Impact	Impact Cause	Management Options / Comments	Other
T100	Beech	B (Moderate)	Low	Pruning required	Reduce the canopy 40%. Retain branch stubs (particularly the large stub to the west). Large fallen scaffold limb to be retained, cut into large sections and stacked as an eco-pile). <u>Work to be</u> <u>addressed within separate report (and TPO</u> <u>application).</u>	Tree protection fencing required.
T101	Horse Chestnut	A (High)	None	N/a	Tree protection fencing required.	N/a
T102	Lime	A (High)	None	N/a	Tree protection fencing required.	N/a
T103	Lime	A (High)	None	N/a	Tree protection fencing required.	N/a
T104	Holly	C (Low)	None	N/a	Tree protection fencing required.	N/a
T105	Sweet Chestnut	C (Low)	None	N/a	Tree protection fencing required.	N/a
T106	Sweet Chestnut	B (Moderate)	None	Pruning required	Crown clean canopy via removal of fractured and hanging branches. <u>Work to be addressed within</u> <u>separate report (and TPO application).</u>	Tree protection fencing required.
G23	Sweet Chestnut	C (Low)	Removal	To facilitate development	N/a	N/a
T107	Sweet Chestnut	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T108	Sweet Chestnut	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T109	Sweet Chestnut	A (High)	None	N/a	Tree protection fencing required.	N/a

Ref No.	Species	Value	Impact	Impact Cause	Management Options / Comments	Other
G24	2x Sweet Chestnuts	C (Low)	None	N/a	Tree protection fencing required.	N/a
			Low	Direct disturbance to roots	Minor ingress within the outer root protection area for construction of access drive.	N/a
T110	Beech	B (Moderate)	None	Pruning required	Reduce canopy overall by some 25%, but retain existing fracture stubs where possible for wildlife benefit. <u>Work to be addressed within separate</u> <u>report (and TPO application).</u>	Tree protection fencing required.
T111	Sycamore	B (Moderate)	Removal	To facilitate development	The stump of this tree is to remain in situ, or be removed using a self-powered stump-grinder.	N/a
T112	Sweet Chestnut	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T113	Sycamore	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T114	Sweet Chestnut	C (Low)	None	N/a	Tree protection fencing required.	N/a
T115	Sycamore	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T116	Sycamore	C (Low)	None	N/a	Tree protection fencing required.	N/a
T117	Sweet Chestnut	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
G25	8X Sycamore	A (High)	None	N/a	Tree protection fencing required.	N/a
T118	Sycamore	U (Poor)	Removal	Due to poor condition	Stump of this tree to remain in situ. <u>Work to be</u> <u>addressed within separate report (and TPO</u> <u>application).</u>	N/a



Ref No.	Species	Value	Impact	Impact Cause	Management Options / Comments	Other
T119	Beech	B (Moderate)	None	Pruning required	Reduce canopy by 40% due to hollowing. <u>Work</u> to be addressed within separate report (and TPO application).	N/a
T120	Beech	A (High)	None	N/a	Tree protection fencing required.	N/a
T121	Sycamore	C (Low)	None	N/a	Tree protection fencing required.	N/a
T122	Beech	B (Moderate)	None	Pruning required	Reduce canopy overall by some 30% (including the lateral limb over the road). <u>Work to be</u> <u>addressed within separate report (and TPO</u> <u>application).</u>	N/a
T123	Lime	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
G26	Mixed Species Group	A (High)	None	N/a	Tree protection fencing required.	N/a
G27	Mixed Species Group	A (High)	Partial Removal	To facilitate development	Tree protection fencing required.	N/a
T124	Sweet Chestnut	B (Moderate)	Removal	To facilitate development	N/a	N/a
T125	Beech	A (High)	Removal	To facilitate development	N/a	N/a
G28	Mixed Species Group	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T126	Sweet Chestnut	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T127	Beech	A (High)	Low	To facilitate development	Very minor ingress within the root protection area.	N/a



Ref No.	Species	Value	Impact	Impact Cause	Management Options / Comments	Other
G29	Row of Holly	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T128	Sweet Chestnut	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T129	Scots Pine	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T130	Beech	A (High)	None	N/a	Tree protection fencing required.	N/a
T131	Beech	C (Low)	None	Pruning required	Monolith tree at approximately 5m height. <u>Work</u> to be addressed within separate report (and TPO <u>application).</u>	N/a
T132	Beech	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
G30	5x Beech	A (High)	None	N/a	Tree protection fencing required.	N/a
T133	Beech	B (Moderate)	None	Pruning required	Reduce canopy by approximately 25% due to weak fork. <u>Work to be addressed within separate</u> <u>report (and TPO application).</u>	Tree protection fencing required.
T134	Sycamore	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T135	Beech	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T136	Beech	B (Moderate)	None	Pruning required	Reduce canopy by approx. 30% due to hollowing. <u>Work to be addressed within separate report (and</u> <u>TPO application).</u>	Tree protection fencing required.

Ref No.	Species	Value	Impact	Impact Cause	Management Options / Comments	Other
T137	Beech	B (Moderate)	None	Pruning required	Reduce canopy by approx. 40% due to hollowing. <u>Work to be addressed within separate report (and</u> <u>TPO application).</u>	Tree protection fencing required.
T138	Beech	B (Moderate)	None	Pruning required	Reduce canopy by approx. 40% due to hollowing. <u>Work to be addressed within separate report (and</u> <u>TPO application).</u>	Tree protection fencing required.
T139	Beech	A (High)	None	N/a	Tree protection fencing required.	N/a
T140	Sycamore	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T141	Beech	C (Low)	Low	Pruning required	Reduce the canopy of this tree by some 30% to lessen end weight on account of decay present. <u>Work to be addressed within separate report (and</u> <u>TPO application).</u>	N/a
T142	Sweet Chestnut	A (High)	None	N/a	Tree protection fencing required.	N/a
T143	Sycamore	U (Poor)	Removal	Due to poor condition	Stump of this tree to remain in situ.	N/a
T144	Sycamore	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T145	Beech	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
G31	2x Lime	A (High)	None	N/a	Tree protection fencing required.	N/a
G32	Mixed Species Group	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
G33	White Poplar Group	C (Low)	None	N/a	Tree protection fencing required.	N/a



Ref No.	Species	Value	Impact	Impact Cause	Management Options / Comments	Other
G34	Mixed Species Group	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
G35	2x Sycamore	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
G36	Group of Sycamore	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T146	Lime	A (High)	None	N/a	Tree protection fencing required.	N/a
T147	Lime	A (High)	None	N/a	Tree protection fencing required.	N/a
T148	Beech	B (Moderate)	None	Pruning required	Reduce westerly scaffold stem by 25%. <u>Work to</u> <u>be addressed within separate report (and TPO</u> <u>application).</u>	Tree protection fencing required.
T149	Lime	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T150	Beech	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
G37	4x Scots Pine	A (High)	None	N/a	Tree protection fencing required.	N/a
T151	Beech	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T152	Lime	A (High)	None	N/a	Tree protection fencing required.	N/a
T153	Lime	A (High)	None	N/a	Tree protection fencing required.	N/a

Ref No.	Species	Value	Impact	Impact Cause	Management Options / Comments	Other
T154	Sycamore	C (Low)	None	N/a	Tree protection fencing required.	N/a
G38	Mixed Species Group	A (High)	None	N/a	Tree protection fencing required.	N/a
G39	2x Beech	A (High)	None	N/a	Tree protection fencing required.	N/a
G40	Mixed Species Group	A (High)	None	N/a	Tree protection fencing required.	N/a
G41	Mixed Species Group	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
G42	Group of Lombardy Poplar	U (Poor)	Removal	Due to poor condition	Decay within the base of these trees. <u>Work to be</u> <u>addressed within separate report (and TPO</u> <u>application).</u>	Fell. The ownership of the trees must be establishes prior to removal due to their location
G43	Sycamore and Holly	A (High)	None	N/a	Tree protection fencing required.	N/a
G44	6x Turkey Oak	C (Low)	None	N/a	Tree protection fencing required.	N/a
W1	Woodland Area	A (High)	Low	Pruning required	Link footpath to be constructed through a section of the woodland using non-dig specification.	Various management works to be detailed in a separate woodland plan report. <u>Work to be addressed within</u> <u>separate report (and TPO application).</u>
T155	Beech	U (Poor)	Removal	Due to poor condition	Decay within the base of these trees. <u>Work to be</u> <u>addressed within separate report (and TPO</u> <u>application).</u>	N/a
T156	Sycamore	A (High)	None	N/a	Tree protection fencing required.	N/a



Ref No.	Species	Value	Impact	Impact Cause	Management Options / Comments	Other
T157	London Plane	A (High)	None	N/a	Tree protection fencing required.	N/a
T158	Beech	A (High)	None	N/a	Tree protection fencing required.	N/a
T159	English Yew	C (Low)	None	N/a	Tree protection fencing required.	N/a
T160	English Yew	C (Low)	None	N/a	Tree protection fencing required.	N/a
T161	Wellingtonia	A (High)	Removal	To facilitate development	N/a	N/a
T162	English Yew	C (Low)	Removal	To facilitate development	N/a	N/a
T163	London Plane	A (High)	Removal	To facilitate development	N/a	N/a
T164	Beech	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T165	English Yew	C (Low)	None	N/a	Tree protection fencing required.	N/a
T166	Horse Chestnut	B (Moderate)	None	N/a	Tree protection fencing required.	N/a
T167	Beech	A (High)	None	N/a	Tree protection fencing required.	N/a
T168	London Plane	A (High)	None	N/a	Tree protection fencing required.	N/a



Ref No.	Species	Value	Impact	Impact Cause	Management Options / Comments	Other
T169	Beech	A (High)	None	N/a	Tree protection fencing required.	N/a
T170	Beech	A (High)	None	N/a	Tree protection fencing required.	N/a

4.1 Installation of underground services

It is required that a pumping station and associated drainage is to be installed to the easterly section of the site. This will impact trees in a marginal manner (with minor ingress within the root protection areas of some trees for the purpose of providing working space for the installation of drainage).

For construction of the pumping station (in the south-west corner of the site) space is available for the required level of excavation of the chamber (by utilising space adjacent a tree to be removed: T77).

Where ground works are required for the installation of drainage (including 600mm pipes) all adjacent tree protective fencing is to be enhanced with placement of 9mm boarding attached to the standard scaffold framework.

By default, no services shall be placed within the identified Root Protection Areas of trees being retained. While it is possible in some cases that underground services may be placed within Root Protection Areas, this is best done under arboricultural supervision (at least initially) and will require a method statement to be submitted to, and approved by the local planning authority.

4.2 Storage of materials, contractor parking and site logistics

Logistically the site has adequate space for the placement of site huts and material storage. By default all compounds and storage areas are to be outside root protection areas.

4.3 Level changes on site

No excavation or raising of ground levels are to occur within the construction exclusion zones within the site demarked by tree protection barrier fencing (green coloured zones) within the Tree Protection Plan. Use of retaining structures may be required if a ground level differential is required between the developed section of the site the tree protection areas. Such retaining structures may, for example, comprise gabions, or log retainers.

4.4 Non-dig footpath link from site to pedestrian path on east boundary

The proposals require that a pedestrian access be provided linking the site to the east boundary via a section of woodland (W1).

- 4.4.1 The route of the footpath has been determined during a joint visit of the Designer and Arboricultural Consultant. The route requires the removal of a small number of trees of poor and low value. Details of the tree loss are included within Appendix D of this report.
- 4.4.2 In order to allow the proposed path to be placed close to retained trees, a non-dig construction methodology is required utilising a three dimensional cellular confinement system (Cellweb).

4.5 General Tree Works and Management

- Proposed tree works within the site (both felling and pruning) fall into two categories; works required to directly facilitate the development requirements, and works for general management purposes.
- 4.5.1 The tree survey report (see section 1.2) includes recommendations for tree works. These recommendations are included within the Arboricultural Impact Table for reference purposes (section 3.3). However, all recommended works that are not required to *directly facilitate* the planning consent are to be subject to a separate Tree Preservation Order application. Consequently recommended works are subject to potential changes in specification, and will require the consent of the Local Planning Authority.

5.0 Arboricultural Method Statement

- 5.1 The Arboricultural Method Statement (AMS) specifies all measures to be undertaken to ensure the ongoing health and viability of trees to be retained within the proposed development.
- 5.2 This AMS is in compliance with British Standard 5837: 2012. Accompanying this document is a plan that shows the position of protective fencing and any additional special measures that are required. This plan is referred to as the <u>Tree Protection Plan</u>.
- 5.3 The AMS must be considered a 'working document'. It must be made available to the developer, site manager, and LPA. A copy of this document and the Tree Protection Plan must be kept on the development site at all times. All site operatives must be briefed on the main contents of this document.
- 5.4 It is the Site/Project Manager's responsibility to ensure that the detail of this AMS and the TPP and any agreed amendments are known and understood by all site personnel. A copy of this AMS and the TPP will be available for reference on site by the Project and Site Managers, and will form the basis of the management of all works relating to the trees on the site following commencement of the project. The Site Manager shall induct all personnel who could have an impact on trees on the content of this document.

5.5 Tree Works –General Issues

- 5.5.1 All tree works (tree felling and pruning) are to take place prior to any site operations and immediately before the installation of protective fencing.
- 5.5.2 All works to the existing trees are to be carried out by a fully qualified tree surgeon and in accordance with BS 3998 (2010) *Recommendations for Tree Work*.
- 5.5.3 The necessary tree surgery works should be carried out **before** any construction work starts and immediately before erection of protective fencing. Any works will include any trees that require removal in order to facilitate construction and access. No tree works must be carried out unless permission is provided by the local planning authority. Tree works to any protected trees (trees within a Conservation Area or subject to a Tree Preservation Order) that do not require works to directly enable the development to proceed will require a notification/application to be made to the Local Planning Authority. Any tree works required in order to <u>directly</u> facilitate the development to proceed (such as tree felling) must not proceed unless <u>full planning consent and written consent is given by the local planning authority</u>.

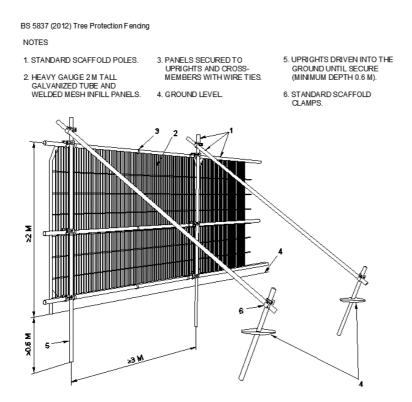
5.5.4 Wildlife issues and timing of operations. The following must be observed:

Bats. Under current legislation it is an offence to 'intentionally or recklessly disturb a bat' or 'damage, destroy or block access to the resting place of any bat'. For further details consultation must be made with the Statutory Nature Conservancy Organisation (Natural England, 0300 060 1842 www.naturalengland.org.uk). Where relevant any current ecological surveys for the site will take precedence in this matter.

5.5.5 Birds. It is an offence to kill, injure or take any wild bird; or take, damage or destroy the nest of any wild bird while it is in use or being built. Therefore work likely to disturb nesting birds should be avoided from late March to August.

5.6 Tree Protective Barrier Fencing

- 5.6.1 Protective barriers must be erected <u>prior to any site operations</u>. The protective barriers are essential to prevent root severance or compaction of the soil in the Root Protection Areas, and so give the best chance of continued good health of the retained trees.
- 5.6.2 Barriers shall comprise a vertical and horizontal scaffold framework which is braced to withstand impacts. The vertical tubes should be spaces at a maximum interval of 3m and driven securely into the ground. Onto this framework welded mesh panels should be securely fixed (such as Heras).



Care must be taken when locating vertical poles to avoid underground services and, in the case of bracing poles, also to avoid contact with structural roots. If the presence of underground services prevents the use of driven poles, an alternative specification should be prepared: such alternatives could include the attachment of the panels to a free support standing scaffold framework. Where protective fencing is to be erected close to a hedge or group there may be no space for the placement of horizontal supports and driven upright posts must be used instead.

- 5.6.3 The accurate placement of the tree protective barriers is crucial to enable the adequate protection of retained trees. The position of protective barriers is not at the spread of tree canopies, but relative to the root protection areas of trees as calculated within the Tree Survey Report.
- 5.6.4 Where locations of fencing is variable in length, the fencing must be erected as such. This will require a bespoke arrangement of the scaffold framework not being dependent on set lengths of standard fencing (such as 3.5m widths for commonly used Heras fencing).
- 5.6.5 Easting and Northing coordinates are provided for the accurate placement of fencing.

5.7 General Requirements

- 5.7.1 Developers must enforce the methods of protection identified within the statement. All contractors must also agree to them. Any failure to comply with them must be dealt with by the developer. Any damage that may occur to trees due to failure to observe the method statement must be reported to the Local Planning Authority and arboricultural advice must be sought.
- 5.7.2 No pruning, lopping, felling or severance of roots is to take place without prior consent of the local authority or unless in compliance with specifications included within the Method Statement.

5.7.3 The ground levels within the protected areas, be they fenced or special working areas, must neither be <u>raised nor excavated</u> unless specifically in compliance with requirements within this method statement.

- 5.7.4 No ropes, cables, services, or notice boards shall be fixed to existing trees.
- 5.7.5 Fires should not be permitted, or else not lit where flames could extend to within 10m of the foliage, branches or trunk of any trees (it should be noted that local environmental health authorities may have specific restrictions on fires),
- 5.7.6 Should temporary access within the Root Protection Area be required that is not included within the method statement, an agreement, in advance, with the consultant and the LPA must be made. The fence may need to be re-aligned and the ground surface protected. For vehicular access this protection will need to be specifically detailed and agreed.
- 5.7.7 Care must be taken in regards to tall or wide loads, or use of plant with booms, jibs and counterweights. Where machinery may be required to operate in the vicinity of trees a banksman must ensure that no direct physical damage is caused to trees. It must be checked that any materials or vehicles entering the site are able to do so without causing damage to adjacent trees.
- 5.7.8 Any material that will contaminate soil (e.g. concrete mixings, and vehicle washings) must not be discharged within 10m of any Root Protection Area. In addition, it is essential that allowance be made for the slope of the ground so that damaging materials cannot run towards trees, or Root Protection Areas. If diesel and fuel containers are used or stored on site they must be kept within a plastic container bund to prevent any ground contamination and spill kits must be kept available to remediate any spillage.

5.8 Arboricultural Monitoring

(i) The arboricultural consultant (or local authority Tree Officer) shall be consulted whenever an unexpected issue occurs that involves any retained tree on site including access within the Protection Area.

Mike Gregory (Arboricultural Consultant) 07515827944.

- (ii) No amendments shall be made to the methods detailed in this Arboricultural Method Statement without the agreement of the consultant or local planning authority Tree Officer.
- (ii) If the site agent is at all unclear about exact compliance with any of the above requirements, or if requested by any other party, then a pre-start meeting shall be arranged with the architect, site agent, local authority tree officer and arboricultural consultant in attendance as necessary.

5.9 Health and Safety Issues

All operations must be carried out with full regard to Health and Safety requirements. Due to the diverse nature of recommendations included (e.g. tree surgery works, construction etc) it is necessary that supervisors of those undertaking recommended operations undertake risk assessments prior to starting the relevant works. It should be the Site Managers/developers responsibility to ensure that risk assessments are submitted prior to undertaking relevant works.

6.0 Method Statement Schedule

Phase	Requirements		Method	
			Refer to section 4.6 & 5.5 of AIA/MS report.	
	Undertake tree and vegetation	All tree works to be carried out to BS3998: 2010: by suitably qualified and insured professional tree surgeons.		
Prior to erection of	felling/pruning	The following tree folling must be undertaken at this Phase:		
protective	Trees/vegetation	tion The following tree felling <u>must</u> be undertaken at this Phase: Items requiring removal:		
fencing.	to be removed:	G8	Group of Wild Cherry	
Terteinig.		T28	Sycamore	
		T29	Sycamore	
		T31	Lime	
		G9	4x Sycamore	
		G23 T111	Sweet Chestnut Sycamore	
	Manager	G27	Mixed Species Group (partial removal only refer to plan)	
	Vegetation in	T124	Sweet Chestnut	
	woodland (W1) for access path:	T125	Beech	
	for access path.	T161	Wellingtonia	
		T162	English Yew	
		T163 W1	London Plane Selected trees within Woodland (refer to Appendix D of Arboricultural Impact	
		VV I	Assessment and Method Statement)*	
			will occur within the north-east section of Woodland W1. The trees within	
		the woodlan	d are to be clearly marked with paint spray and high viz tape by the project	
		arboricult	uralist prior to works. All stumps to be removed by self powered stump- grinder	
			grinder	
		The	e following tree pruning <u>must</u> be undertaken at this Phase:	
			Items requiring pruning:	
		T52	Oak. Crown lift canopy to 4.5m height on easterly side (only the outer 2m	
		T54	length of the outer easterly canopy requires the crown lift). Sycamore. Crown lift canopy to 4.5m height on easterly side (only the outer	
		134	3m length of the outer easterly canopy requires the crown lift).	
		·		
2				
	Erection of	Protecti	ve fencing is to be erected in accordance with 5.6 of AIA/MS report.	
Prior to any construction	protective fencing:	The fonci	ng must comply with the positions shown in the Tree Protection Plan.	
works on site	To retain	Fasting and	Northing coordinates are provided for the accurate erection of fencing.	
WOIKS ON SILE	throughout the	Easting and		
	duration of the	No works, r	no storage of materials, no access, or any ground disturbance is to take	
	development:	place within	n the Tree Protection Barrier Fencing other than works specified within	
		the Arb	oricultural Method Statement. Fenced areas are to be treated as	
			Construction Exclusion Zones.	
		Worning oi	the balanced on all protoctive feasing. For large sections of feasing	
		warning sig	gns to be placed on all protective fencing. For large sections of fencing the signs must be placed at 20m intervals.	
		Signs must	be laminated and securely attached at all corners. Two signs are to be	
		place	ed side by side; copies of which are attached within Appendix A.	
3	Verify that the		Site visit with Arboricultural Consultant and Site Manager.	
Verifying	Verify that the location and		one non with Albohoultural Consultant and Olle Manayer.	
quality of	quality of tree		Tree Officer to be pre-informed of visit.	
protective	protection barriers			
barriers	is adequate prior		or set works to proceed the pro-forma in Appendix B. of the AIA/AMS	
	to onset of main	report	is to be completed and passed on to the local planning authority:	
	site works.	If the pro-	otective barriers are not adequately, work is not to proceed until	
		n the pro	rectified.	

Requirements

4 Ongoing	Maintain protective fencing	The tree protective barrier fencing is to remain in situ during all demolition and construction works.
5 Installation of geotextile cellular confinement system	Installation of 'non-dig' section of footpath within Woodland (W1)	A three dimensional cellular confinement system is to be utilised for construction of the path (Cellweb). Guidance for the installation of the Cellweb is attached within Appendix C . Cross section details are to be provided (in conjunction with engineer and Cellweb recommendations). Technical specifications required, as well as cross section details relevant to the site can be provided by Cellweb suppliers, Geosynthetic (01455 617139). Email Sales@geosyn.co.uk. Tree barrier protective fencing is to be moved only immediately prior to the installation of the Cellweb. The installation is to be carried out under Arboricultural Supervision . The ground layer in which Cellweb is to be installed is to be subject only to removal of exiting turf layer. All construction activity is to take place within the footprint of the footpath itself. Adjoining levels <u>must</u> marry with the required depth of the Cellweb, not vice versa.
Completion of main construction and undertaking of landscaping	Landscaping and Dismantling of tree barrier protective fencing.	It is essential that ground levels within the root protection areas are not altered, either by raising or lowering soil levels; even at the landscaping stage. Any boundary treatments that are constructed within construction exclusion zones are to be erected entirely by hand.

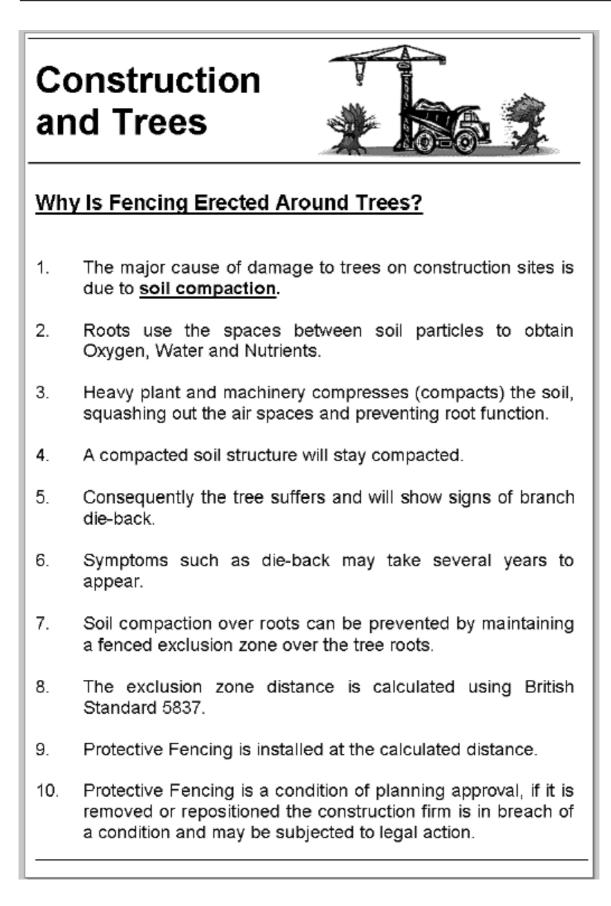
Phase

Method



AIA & AMS

tba landscape architects



APPENDIX B – Site Inspection pro-forma

SITE INSPECTION - ARBORICULTURAL METHOD STATEMENT (Ref: MG.4815.AIA&AMS.REV M.NOV19)

Site Address : Allerton Priory, Woolton Road, Liverpool

Name of Arboricultural Inspector:

Date of Inspection:

The purpose of this site inspection is to confirm with requirements within the above referenced Arboricultural Method Statement.

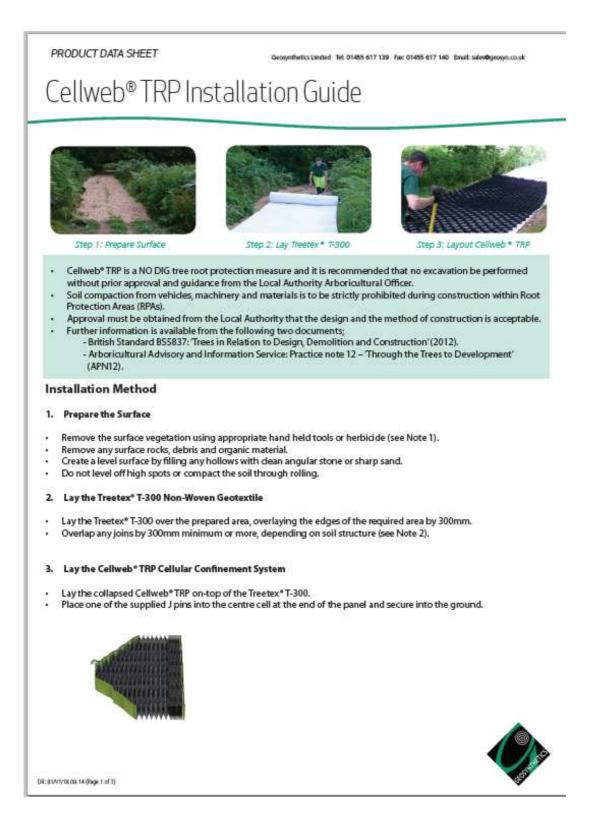
The site is to be visited and the placement of tree protection barrier fencing checked for compliance with specifications within the method statement.

Further works on the site shall not proceed until the tree protective fencing is installed in compliance with the method statement and in <u>submitting</u> this document to the Local Planning Authority the inspector is verifying that the necessary specifications have been met.

Notes (continue on separate attachments as necessary):

Photographs: (attach below):

APPENDIX C - OUTLINE SPECIFICATION FOR INSTALLATION OF CELLWEB



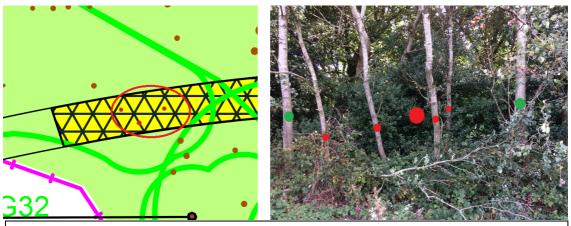


Cellweb® TRP - Installation Guide Step 4: Clean Angular Stone Step 5: Edge Restaints Step 6: Surface Options 4. Infill the Clean Angular Stone The infill material must be a clean angular stone, Type 4/20mm or Type 20/40mm (see Note 4). Do not use M.O.T type 1 or crushed stone with fines for tree root protection. Infill the Cellweb* TRP cells with the clean angular stone, working towards the tree and using the infilled panels as a platform. No compaction is required of the infill. Do not use a whacker plate or other means of compaction. 5. Edge restraints Excavations for kerbs and edgings should be avoided within the RPAs. Where edging is required for footpath and light structures, a peg and treated timber board edging is acceptable Other options include wooden sleepers, kerb edging constructed on-top of the Cellweb* TRP system, plastic and metal edging etc. 6. Surface options Surfaces can include block paving, asphalt, loose gravel, grass and gravel retention systems (eg Golpla), resin bound gravel, concrete etc. For Root Protection Areas this surface must be porous. NOTES 1. Herbicide: According to BS5837:2012 "The use of herbicides in the vicinity of existing trees should be appropriate for the type of vegetation to be killed, and all instructions, warnings and other relevant information from the manufacturers should be strictly observed and followed. Care should be taken to avoid any damaging effects upon existing plants and trees to be retained, species to be introduced, and existing sensitive habitats, particularly those associated with aquatic or drainage features." 2. Geotextile: We recommend the installation of a Non-Woven Geotextile C20Webgertheler the subbase, if installed. The overlapping between adjacent rolls of Geotextile should be: CBR > 3%: 300mm minimum, CBR between 1% and 3%: 500mm minimum. CBR ≤ 1%: 750mm minimum. 3. Staples: Number of staples per join: 200mm: 5 staples. 150mm: 4 staples. 100mm: 3 staples. 75mm: 3 staples. 4. Granular Fill: Open graded sub-base, clean angular stone Type 4/20 or Type 20/40. Please refer to BS7533-13:2009 and to the Design Manual for Roads and Bridges (DMRB), Volume 4 Geotechnics and Drainage, Section 1 Earthworks, HA44/91, Volume 7 - IAN 73/06 Design Guidance for road pavement foundations and Manual of Contract Documents for Highway Works (MCHW), Volume 1 Specification for Highway Works for the construction and maintenance of the fill material. The period particular purposes. This information way by adjust to recipient on this and assumes no Indefinite in connection with this information. Mething

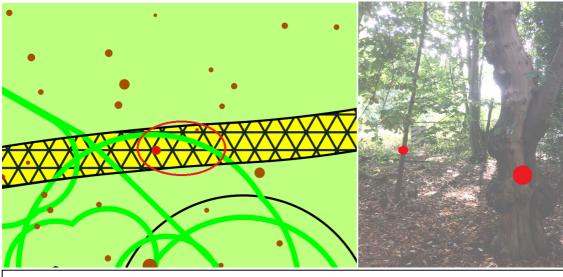
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APPENDIX D – TREES TO BE REMOVED TO FACILITATE PATH WITHIN WOODLAND (W1)

Tree removal to adhere to recommedations within TEP report Bat Tree Assessment Report 2018' Report Ref 5171.02.38.

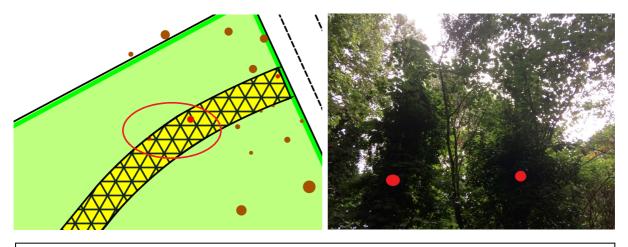


Above: Easterly view towards start of path. A small number of young and semi-mature white Poplar and understorey Holly require removal. The trees annotated in red are to be removed, those in green retained. The stumps of these trees are to be removed using a self powered stump grinder.

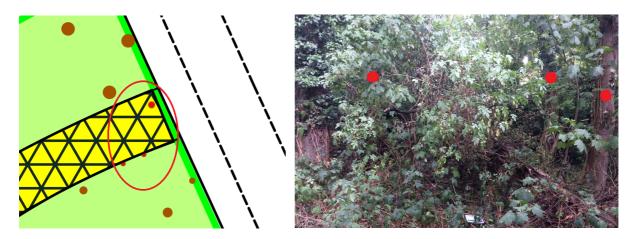


Above: Easterly view towards a mostly dead Sweet Chestnut (foreground) and young Sycamore. Both trees are to be removed to facilitate path with stumps ground out. The deadwood of the Sweet Chestnut to be stacked within the woodland.

APPENDIX D CONTINUED..



Above: North-westerly view towards two significantly squirrel damaged Sycamores near the easterly span of the footpath.



Above: Easterly view towards three ivy covered slightly suppressed early mature Sycamore (one is mostly obscured and grows by the boundary wall.

End of document.