



KEY

- Existing Trees to be retained
- Existing Trees to be removed
- Extent of RPA
- Extent of existing semi-improved grassland to be retained
- Extent of existing shrubs to be retained
- Extent of existing shrubs to be removed
- Extent of existing shrubs retained off-site

--- Tree Protection Fencing. Calculated in accordance with BS5835:2012 and CBA Trees Arboricultural Development Statement.

NOTE:

To be read in conjunction with Tree Survey 10065 Plot 5000_2017-03-15 v1 TS complete produced by CBA trees. Existing Trees Category 'C' to be retained.

Tree Protection Fencing. Calculated in accordance with BS5835:2012 and CBA Trees Arboricultural Development Statement. Refer to Macgregor Smith drawing 1178-406 for detail and specification of Tree Protection Fencing.

Planning application boundary

- A. Prior to the commencement of any work whatsoever, or any materials being brought on site, existing trees to be retained are to be protected from damage using fencing as detailed. This shall be maintained in good and effective condition until the work is completed. The protective fencing is to be positioned in locations as shown on this drawing, and the area it contains is known as the 'Root Protection Area'. Refer to Macgregor Smith drawing 1178-406 for detail and specification of Tree Protective Fencing.
- B. The following measures are particularly important within the Root Protection Area:
 - a) Materials are never to be stacked within the 'Root Protection Area'.
 - b) No oil, tar, bitumen, cement or other material is to be allowed to contaminate the ground within the 'Root Protection Area'.
 - c) No fires shall be lit beneath or in close proximity to the tree canopy.
 - d) Trees to be retained should not be used as anchorages for equipment or for removing stumps, roots or other trees, or for other purposes.
 - e) No notices, telephone cables or other services should be attached to any part of the tree.
 - f) Cement mixing should not be carried out within the 'Root Protection Area'.
 - g) Soil levels are to be maintained as existing within the 'Root Protection Area'. Any alteration to soil levels in 'Root Protection Area' must be agreed with the landscape architect.
- C. 'No-dig' construction areas apply where the Root Protection Area lies within an area of proposed construction. In these areas, any excavations should be carried out carefully by hand. Should any roots be exposed, they should be wrapped in dry, clean hessian sacking to prevent dessication and to protect from rapid temperature changes. Roots smaller than 25mm diameter may be pruned back, preferably to a side branch, using a proprietary cutting tool. Roots larger than 25mm should only be severed following consultation with an arboriculturalist, as they may be essential to the tree's health and stability. Prior to backfilling, any hessian wrapping should be removed, and retained roots should be surrounded by sharp sand before soil / other material is replaced.

Grp No./ Tree No.	Species	Height / Spread	Category	Life Stage	Recommendations
Group 1	Mixed species	<5	C2	Young	None required at the time
Group 2	Mixed species	<6	C2	Young	Manage as hedgerow
Group 3	Bramble <i>Rubus fruticosus</i>	<1.5	C2	Young	Consider management back to boundary hedgeline
T1	<i>Pinus nigra</i>	7.5	B1	Semi-mature	None required at the time
T2	<i>Quercus robur</i>	7	B1	Semi-mature	None required at the time
T3	<i>Quercus robur</i>	5	B1	Semi-mature	None required at the time
T4	<i>Quercus robur</i>	6	B1	Semi-mature	None required at the time
T5	<i>Quercus robur</i>	7	B1	Semi-mature	None required at the time
T6	<i>Quercus robur</i>	7	B1	Semi-mature	None required at the time
T7	<i>Populus ssp.</i>	8	C1	Semi-mature	None required at the time
T8	<i>Salix caprea</i>	5	C1	Semi-mature	None required at the time
T9	<i>Prunus cerasifera</i>	5	C1	Mature	None required at the time
T10	<i>Quercus robur</i>	5	C1	Young	None required at the time
T11	<i>Prunus spinosa</i>	2	C1	Young	None required at the time

Macgregor • Smith
Landscape Architecture

project	Plot 5000 Hatfield Business Park	drawn by	IN
status	For Planning	checked by	LP
title	Vegetation Retention and Removal Plan	date	20.03.17
Xref	1178-000; tree survey	scale	1:250@a1
drawing No	1178-101	revision	H

Revision	Description	Drawn by	Checked by	Date	Revision	Description	Drawn by	Checked by	Date
-	For Information	IN	LP	20.03.17	G	Minor amendments to layout of proposed design following ECO1-3. Re-issued for Construction	IN	LP	23.11.17
A	For Information	IN	LP	21.03.17					
B	For Approval	IN	LP	23.03.17					
C	For Planning	IN	LP	24.03.17	H	Issued for NMA Planning	IN	LP	16.03.18
D	For Contractor's Proposals	IN	LP	22.05.17					
E	Amendments to layout due to architect's changes. Re-issued for Contractor's Proposals	IN	LP	30.10.17					
F	Minor amendment to tree protective fencing layout. Issued for Construction	IN	LP	08.11.17					