



Tree Surveys

BS5837 – Pre Planning – Mortgage – Risk Management

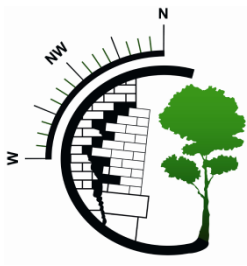
ARBORICULTURAL IMPACT ASSESSMENT FOR WOODCROFT PRIMARY SCHOOL



**Prepared on instructions from:
David Ryder
Group Engineer
Engineering Consultancy
Hampshire County Council
The Castle
Winchester SO23 8UD**

Ref: SPH/PS/AIA-01/20.07

11th August 2015



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Unit H Bridge Farm
Reading Road
Arborfield
Reading
Berkshire
RG2 9HT
Tel: 0118 976 2902
Mobile: 0778 616 2202

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1. Report details

1.1 Arboricultural Impact Assessment (AIA)

1.1.1 An arboricultural impact assessment (AIA) is a term used to describe a specific type of tree survey which examines the relationship between trees and adjacent features (existing & proposed) such as buildings, roads etc. The study describes how the trees and features will interact and influence each other and should consider both present and future interactions.

1.1.2 AIA studies are commonly used to determine whether a proposed development will adversely affect established trees and whether these trees will be the cause of nuisance to the proposed development.

1.2 Scope

1.2.1 This assessment is concerned with the arboricultural aspects of the site only.

1.2.2 This assessment was undertaken in accordance with British Standard 5837:2012 Trees in Relation to Design, Demolition and Construction – Recommendations (BS: 5837).

1.3 Limitations

1.3.1 The assessment contained within this document is based upon plans and other supporting information (verbal or documented) as supplied to us by Hampshire County Council and the tree survey conducted by ourselves on 20th July 2015.

1.4 Clients instructions

1.4.1 To determine the effects of the proposed construction works upon the trees contained in our tree survey ref: SPH/PS/5837-01/20.07.

1.5 Supplied information

1.5.1 Existing site plan, ground floor plan, proposal, soft and hard landscape detail and tree survey report.

2. The site

2.1 Site description

2.1.1 The site topography is generally level with no significant grade changes and consists of woodland areas either side of an access track with grass play areas and fields. The tree cover on site is either side of the access track consists of mixed age broad leaf specimens and hedgerows.



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2.2 Proposed development

- 2.2.1 The proposal involves the construction of a new sports facility with a new footway and access driveway. The existing layout and tree cover are shown on the drawing SPH/PS/RPA-01/20.07 at Appendix 1 and the proposed layout is shown on drawing SPH/PS/MIT-01/20.07 at Appendix 2.
- 2.2.2 The tree survey ref: SPH/PS/5837-01/20.07 identified forty nine individual trees and two hedgerows that could be impacted upon by development. We assessed the impact upon all the trees overlaying the proposed scheme drawing supplied by Hampshire County Council onto the tree and ground protection drawing SPH/PS/MIT-01/20.07. The root protection areas of trees T31 and T32 are affected by the construction of the new access footway and vehicle access. We have also considered an alternative access route for the new footway and if this is adopted the RPAs of trees T29 and T30 will be affected.

2.3 Tree survey

- 2.3.1 A tree survey was carried out for this site, ref: SPH/PS/5837-01/20.07. All tree identification numbers used within this report correspond with those contained within the tree survey schedule at Appendix 3.

3. Introduction

3.1 AIA objectives

- 3.1.1 To assess the area within this site where proposed works are to be carried out in close proximity to established trees.
- 3.1.2 To determine whether the proposed works can be carried out successfully without adversely affecting the trees both in the short and long term.
- 3.1.3 To determine whether the trees will have adverse effects on the proposed development both in the short and long term.
- 3.1.4 To suggest ways to mitigate any conflicts that may arise between the trees and the proposed development and to offer recommendations relating to the protection of the trees during redevelopment works.

3.2 Items for consideration

- 3.2.1 Trees and development located within close proximity to each other can influence each other in a number of ways. The following items are normally considered during arboricultural impact studies:
- Root disturbance caused by demolition, excavation & construction e.g. buildings and roads.
 - Location of service runs, welfare/office buildings & materials storage.
 - Changes in levels & surface types.
 - Sunlight shading of exterior amenity areas (such as gardens, patios, etc).
 - Physical encroachment by roots, tree stem & branches.
 - Allowance for future tree growth.
 - Health, safety and nuisance items e.g. leaves, fruit and residues.



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3.3 Guidance whilst assessing trees in relation to development includes:

- BS 5837:2012 Trees in Relation to Design, Demolition and Construction - Recommendations. Published by the British Standards Institute.
- Tree Preservation Orders: A Guide to the Law and Good Practice. Published by the Department of the Environment, Transport and the Regions.
- NJUG 10 - Guidelines for the planning, installation and maintenance of Utility Services in relation to trees. Published by the National Joint Utilities Group (NJUG).
- BS8206: Part 2: 2008 Code of Practice for Daylighting. Published by the BSI.
- Site Layout Planning for Daylight and Sunlight. A Guide to Good Practice. Published by the Building Research Establishment.
- CIBSE: Daylighting and window design, lighting guide LG 10: 1999.

4. Analysis

4.1 Introduction

4.1.1 Tree Surveys has been instructed to undertake an AIA on trees located within and close to the curtilage of Woodcroft Primary School.

4.2 Assessment methodology

4.2.1 The assessment is based on the guidance given in BS 5837:2012 Trees in Relation to Design, Demolition and Construction – Recommendations.

4.3 Key issues

4.3.1 The key issues associated with the proposed items identified above in relation to trees are:

- Will there be direct impacts from tree losses on the landscape, both in terms of impacts on visual receptors and impacts on the landscape character of the area?
- Will the proposed development require grade and ground level alterations that may have significant implications for root systems of trees?
- Will the proposal be detrimental to trees
- The tree constraints and tree protection measures.
- Services in close proximity to the retained trees.
- Leaf fall and shade constraints leading to pressure to prune or fell.

4.3.2 These key issues and associated impacts are considered below along with possible tree protection measures and mitigation as necessary.

5. Impact on existing trees

5.1 Tree loss, tree damage and pruning works

5.1.1 No trees are to be lost to the scheme for the proposed footway route. We have offered an alternative route for consideration which will result in the loss of three trees T45, T46 and T47. Trees T45 and T47 are in category 'U' and T46 is in category 'C'.



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5.1.2 Two sections of the hedgerows (T5 and T42) will need to be removed for the footway and the pedestrian and vehicular access.

5.1.3 No access pruning is anticipated at this design stage.

5.2 Grade changes

5.2.1 No grade changes are planned within the RPAs of retained trees at this stage.

5.3 Impacts on root protection areas (RPAs)

5.3.1 Construction of a new footway and access infringes on the RPA of trees T31 and T32 and if the alternative route is considered trees T29 and T30 are affected. The area of soft unsealed ground requiring protection is set out on drawing SPH/PS/MIT-01/20.07 included at Appendix 2 and detailed mitigation is set out in the AMS document ref. SPH/PS/AMS-01/20.07. If implemented no major impact is anticipated for the trees.

5.3.2 Minor RPA infringements occur within the RPA of trees T16 and T20 and providing the tree protection fencing locations for the works are set out on drawing AS/PS/MIT-01/20.07 we do not anticipate any long term negative impacts.

5.3.3 We have not been supplied with any details regarding the location of any new services at this design stage however any installation of service trenches must comply with the NJUG Guidelines. Providing this work is supervised by the AC and complies with NJUG Guidelines (Volume 4) we do not anticipate any long term negative impacts.

5.3.4 There may be a detrimental impact upon the RPAs of those trees in close proximity to construction work if robust mitigation and supervision is not implemented as set out in the AMS. The trees that may be impacted upon are set out above.

5.4 Tree protection measures

5.4.1 To protect the retained trees from construction activities, notwithstanding the need for an Arboricultural Method Statement (AMS) in specific instances, all trees must be protected by suitable fencing and ground protection, as set out on drawing SPH/PS/MIT-01/20.07 included at Appendix 2.

5.4.2 We do not anticipate any long term negative impacts upon trees provided that the tree protection and arboricultural supervision is implemented as per the AMS.

5.5 Services in close proximity to retained trees

5.5.1 We have not been supplied with any details regarding the location of any new services at this design stage. It is likely that any services will connect to the existing services on the site however all new service trenches must comply with NJUG Guidelines (Volume 4).



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6. Visual impact on the landscape and tree character

- 6.1 The loss of two small sections of hedgerow plus three low quality trees (T45, T46 and T47), if the alternative route is adopted, will have a limited negative impact upon the landscape or tree character of the site. The loss can be mitigated by replacement planting.
- 6.2 No access pruning is anticipated at this design stage therefore there will be no negative impact upon the landscape or tree character of the site.

7. Direct or indirect impacts of trees

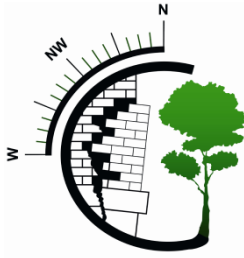
The close proximity of trees to the proposed structures may result in roots close to the foundations. The risk of direct root damage increases with lightly loaded structures for example tarmac paths however, it is reasonable to assume that any new construction will be designed with the trees factored into the design and therefore we do not anticipate any negative impacts.

8. Leaf fall and shade

Leaf fall is unlikely to have any direct impact upon the proposal and will be no different to the present situation. No adverse impact is anticipated as a result of the work.

9. Conclusions

- 9.1 The proposed scheme results in the temporary loss of two sections of hedgerow and possibly three low quality trees during the construction process depending on the preferred route for the new footway. There will be a limited impact upon the wider landscape from the north and the south and the landscape continuity and tree cover will remain largely unchanged.
- 9.2 A scheme to mitigate the various impacts has been designed to focus upon the trees lost to the scheme. It is recognised that newly planted trees will take some years to mature and initially a negative impact will result. However, this will diminish with time as the newly planted trees mature and as a result the impact will be relatively short-lived. With a robust landscaping scheme there should be no significant loss to the continuity of tree cover at this location.



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10. Recommendations

We recommend that the site is properly supervised by an Arboricultural Consultant (AC) with appropriate experience and a minimum level 3 qualification in arboriculture to ensure that all tree protection matters and mitigation relating to the scheme are observed and recorded and that an AC is available should any unforeseen problems arise.

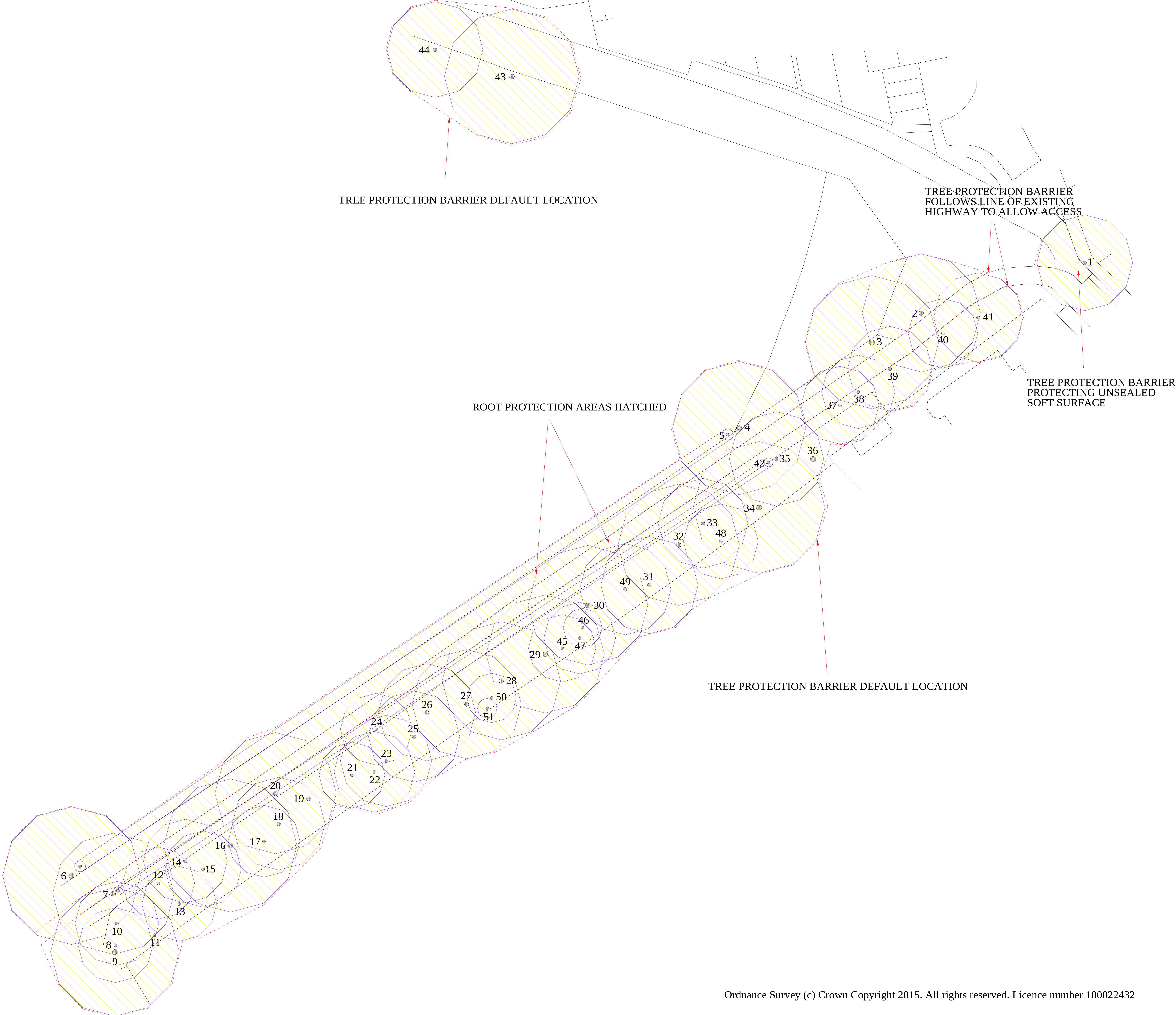
Simon Holmes MSc.
Chartered Arboriculturist
Tree Surveys



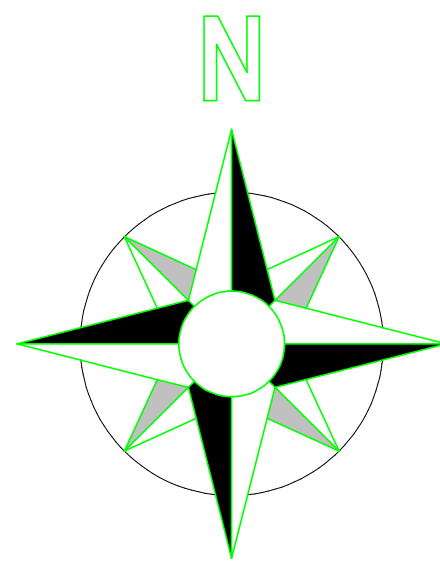
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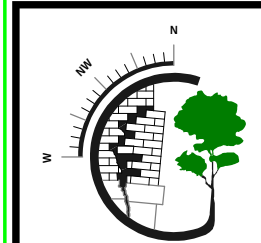
APPENDIX 1



NOTES
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Tree Surveys

Unit H, Bridge Farm
Reading Road, Arborfield
Berkshire, RG2 9HT
Tel: 01189 762902
Fax: 01189 761168
e-mail: info@tree-surveys.com

Client HAMPSHIRE COUNTY COUNCIL

Job Title WOODCROFT PRIMARY SCHOOL

Drawing Title
ROOT PROTECTION AREAS

Scale 1:200 @ A0

Date 20.07.2015

Drawn by AS

Dwg. No. SPH/PS/RPA-01/20.07

Rev.

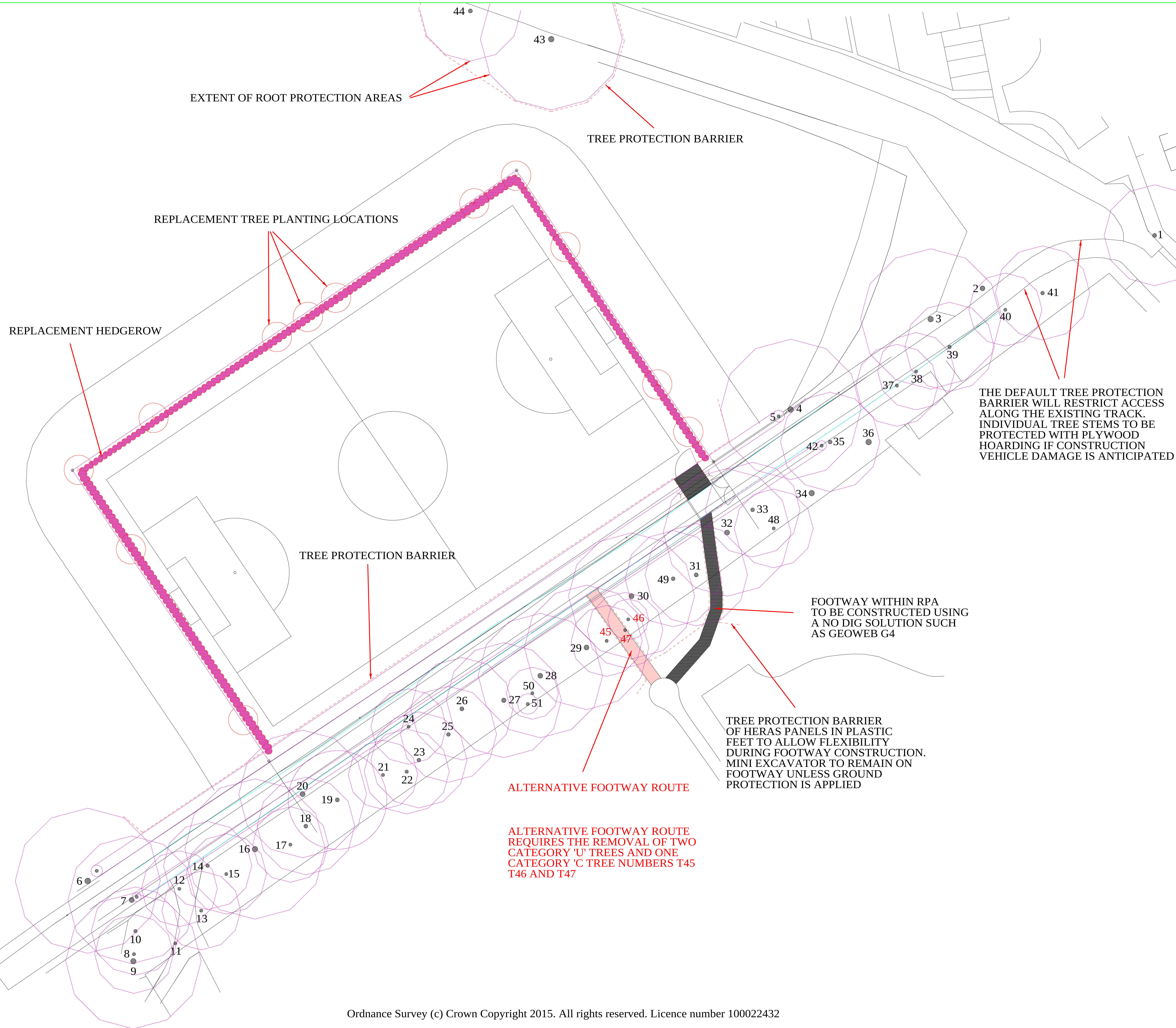
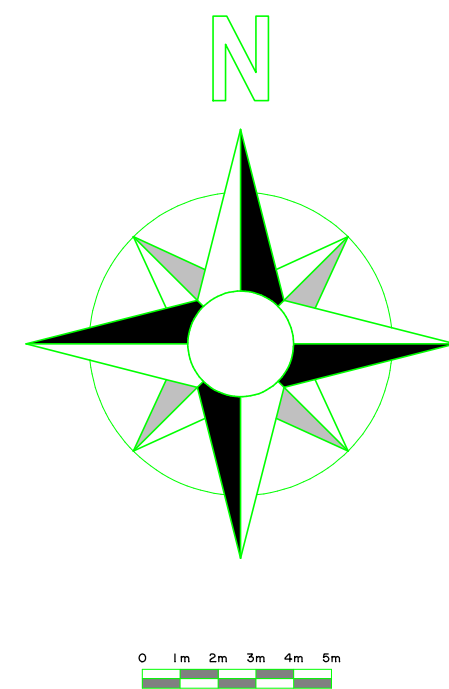


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APPENDIX 2

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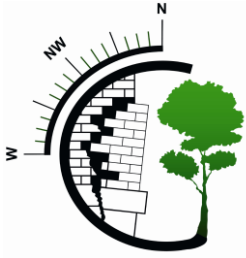
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Surveys

Unit H, Bridge Farm
Reading Road, Arborfield
Berkshire, RG2 9HT
Tel: 01189 762902
Fax: 01189 761168
e-mail: info@tree-surveys.com

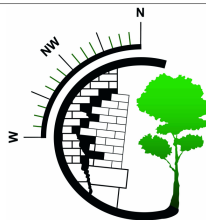
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Date	06.08.2015	Drawn by AS
Orig. No.	SPH/PS/MIT-01/20.07	Rev.



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APPENDIX 3



Tree Surveys

Unit H Bridge Farm
Reading Road
Arborfield
Berkshire
RG2 9HT

Phone: 0118 976 2902
Mobile: 0778 616 2202
info@tree-surveys.com

BS5837:2012 Assessment

Tree ID : 1				Tag :				Assessor : Paul Sweetman				Bats : No									
Species : Common Oak <i>Quercus robur</i>				TPO :				Inspected : 20 July 2015				Cons Area :									
								Next Insp : Not Required													
								1st Branch: 5 S													
Stems				Health				RP				Clearance (m)				Spread (m)					
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W	N	E	S	W
18	1	640	Mature	Good	Fair	Fair	Good	B.2	>40 yrs	185.3	7.68	Pre Construction		3	2.5	2.5	3	7	7	9	7
Survey Comment : Basal wound north east side 500mm x 700mm																					
Tree Comment :																					

Tree ID : 2				Tag :				Assessor : Paul Sweetman				Bats : Yes									
Species : Common Oak <i>Quercus robur</i>				TPO :				Inspected : 20 July 2015				Cons Area :									
								Next Insp : Not Required													
								1st Branch: 7 W													
Stems				Health				RP				Clearance (m)				Spread (m)					
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W	N	E	S	W
19	1	790	Mature	Fair	Fair	Fair	Fair	B.2	20 to 40 yrs	282.4	9.48	Pre Construction		12	9	9	12	4	5	7	8
Survey Comment : Deadwood above track																					
Tree Comment :																					

BS5837:2012 Assessment

Tree ID : 3				Tag :				Assessor : Paul Sweetman				Bats : Yes			
Species : Common Oak <i>Quercus robur</i>				TPO :				Inspected : 20 July 2015				Cons Area :			
								Next Insp : Not Required							
								1st Branch: 5 W							

BS5837:2012 Assessment

Tree ID : 6				Tag :				Assessor : Paul Sweetman				Bats : Yes			
Species : Common Oak <i>Quercus robur</i>				TPO :				Inspected : 20 July 2015				Cons Area :			
								Next Insp : Not Required							
								1st Branch: 2 W							

BS5837:2012 Assessment

Tree ID : 9				Tag :				Assessor : Paul Sweetman				Bats : Yes							
Species : Common Oak <i>Quercus robur</i>				TPO :				Inspected : 20 July 2015				Cons Area :							
								Next Insp : Not Required											
								1st Branch: 4 S											
-----Stems-----				-----Health-----				-----RP-----				-----Clearance (m)-----				-----Spread (m)-----			
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W		
19	1	860	Mature	Poor	Ivy	Fair	Decline	C.2	20 to 40 yrs	334.6	10.32	Pre Construction		6	2	2	3		
Survey Comment : Suppressed canopy																			
Tree Comment :																			

Tree ID : 10				Tag :				Assessor : Paul Sweetman				Bats : No							
Species : Common Oak <i>Quercus robur</i>				TPO :				Inspected : 20 July 2015				Cons Area :							
								Next Insp : Not Required											
								1st Branch: 10 E											
-----Stems-----				-----Health-----				-----RP-----				-----Clearance (m)-----				-----Spread (m)-----			
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W		
17	1	560	Mature	Poor	Poor	Poor	Poor	U.2	<10 yrs	141.9	6.72	Pre Construction		12	12	12	12		
Survey Comment : Large basal wound																			
Tree Comment :																			

Tree ID : 11				Tag :				Assessor : Paul Sweetman				Bats : Yes							
Species : Common Oak <i>Quercus robur</i>				TPO :				Inspected : 20 July 2015				Cons Area :							
								Next Insp : Not Required											
								1st Branch: 10 S											
-----Stems-----				-----Health-----				-----RP-----				-----Clearance (m)-----				-----Spread (m)-----			
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W		
18	1	470	Mature	Good	Ivy	Fair	Fair	C.2	20 to 40 yrs	99.9	5.63	Pre Construction		14	12	12	12		
Survey Comment : Ivy clad																			
Tree Comment :																			

BS5837:2012 Assessment

Tree ID : 12				Tag :				Assessor : Paul Sweetman				Bats : Yes							
Species : Common Oak <i>Quercus robur</i>				TPO :				Inspected : 20 July 2015				Cons Area :							
								Next Insp : Not Required											
								1st Branch: 4 N											
Stems				Health				RP				Clearance (m)				Spread (m)			
H (m)	No	Eq Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W		
20	2	481	Mature	Poor	Ivy	Fair		U.2	10 to 20 yrs	104.7	5.77	Pre Construction		3	14	15	15		
Survey Comment : Ivy clad																			
Tree Comment :																			

Tree ID : 13				Tag :				Assessor : Paul Sweetman				Bats : Yes							
Species : Common Oak <i>Quercus robur</i>				TPO :				Inspected : 20 July 2015				Cons Area :							
								Next Insp : Not Required											
								1st Branch: 7 S											
Stems				Health				RP				Clearance (m)				Spread (m)			
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W		
20	1	500	Mature	Poor	Ivy	Fair	Poor	C.2	10 to 20 yrs	113.1	6	Pre Construction		10	10	6	10		
Survey Comment : Ivy clad. Physiological decline																			
Tree Comment :																			

Tree ID : 14				Tag :				Assessor : Paul Sweetman				Bats : No							
Species : Common Oak <i>Quercus robur</i>				TPO :				Inspected : 20 July 2015				Cons Area :							
								Next Insp : Not Required											
								1st Branch: 5 N											
Stems				Health				RP				Clearance (m)				Spread (m)			
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W		
19	1	560	Mature	Poor	Fair	Fair	Fair	C.2	10 to 20 yrs	141.9	6.72	Pre Construction		3	6	6	10		
Survey Comment : Physiological decline																			
Tree Comment :																			

BS5837:2012 Assessment

Tree ID : 15								Tag :		Assessor : Paul Sweetman								Bats : Yes			
Species : Common Oak <i>Quercus robur</i>								TPO :						Inspected : 20 July 2015		Cons Area :					
Estimated Measurements								Next Insp : Not Required													
								1st Branch: 6 S													
-----Stems-----				-----Health-----						-----RP-----				-----Clearance (m)-----		-----Spread (m)-----					
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W	N	E	S	W
16	1	510	Mature	Fair	Ivy	Good	Fair	C.2	10 to 20 yrs	117.7	6.12	Pre Construction		10	8	2	15	1	2	7	2
Survey Comment : Suppressed canopy																					
Tree Comment :																					

Tree ID : 16								Tag :		Assessor : Paul Sweetman								Bats : Yes			
Species : Common Oak <i>Quercus robur</i>								TPO :						Inspected : 20 July 2015		Cons Area :					
Estimated Measurements								Next Insp : Not Required													
								1st Branch: 2 N													
-----Stems-----				-----Health-----						-----RP-----				-----Clearance (m)-----				-----Spread (m)-----			
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W	N	E	S	W
20	1	890	Mature	Fair	Fair	Fair	Good	B.2	20 to 40 yrs	358.4	10.68	Pre Construction		3	7	3	7	11	8	6	3
Survey Comment : Minor deadwood throughout canopy																					
Tree Comment :																					

Tree ID : 17								Tag :		Assessor : Paul Sweetman								Bats :		No	
Species : Common Oak								TPO :						Inspected : 20 July 2015				Cons Area :			
<i>Quercus robur</i>																					
Estimated Measurements										Next Insp : Not Required											
										1st Branch: 4 S											
-----Stems-----				-----Health-----						-----RP-----				-----Clearance (m)-----				-----Spread (m)-----			
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W	N	E	S	W
20	1	480	Mature	Poor	Ivy	Good	Poor	U.2	<10 yrs	104.2	5.75	Pre Construction		8	8	2	4	2	2	6	5
Survey Comment : None																					
Tree Comment :																					

BS5837:2012 Assessment

Tree ID : 18				Tag :				Assessor : Paul Sweetman				Bats : No									
Species : Common Oak <i>Quercus robur</i>				TPO :				Inspected : 20 July 2015				Cons Area :									
Estimated Measurements								Next Insp : Not Required													
								1st Branch: 5 S													
-----Stems-----				-----Health-----				-----RP-----				-----Clearance (m)-----				-----Spread (m)-----					
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W	N	E	S	W
18	1	620	Mature	Fair	Good	Fair	Poor	U.2	<10 yrs	173.9	7.44	Pre Construction		12	12	2	3	5	3	6	3
Survey Comment : Sparse canopy																					
Tree Comment :																					

Tree ID : 19				Tag :				Assessor : Paul Sweetman				Bats : No									
Species : Common Oak <i>Quercus robur</i>				TPO :				Inspected : 20 July 2015				Cons Area :									
Estimated Measurements								Next Insp : Not Required													
								1st Branch: 4 E													
-----Stems-----				-----Health-----				-----RP-----				-----Clearance (m)-----				-----Spread (m)-----					
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W	N	E	S	W
19	1	640	Mature	Poor	Good	Good	Decline	B.2	10 to 20 yrs	185.3	7.68	Pre Construction		9	4	9	9	10	8	4	6
Survey Comment : None																					
Tree Comment :																					

Tree ID : 20				Tag :				Assessor : Paul Sweetman				Bats : Yes							
Species : Common Oak <i>Quercus robur</i>				TPO :				Inspected : 20 July 2015				Cons Area :							
								Next Insp : Not Required											
								1st Branch: 4 W											
-----Stems-----				-----Health-----				-----RP-----				-----Clearance (m)-----				-----Spread (m)-----			
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W		
19	1	810	Mature	Fair	Ivy	Fair	Fair	B.2	20 to 40 yrs	296.9	9.72	Pre Construction		2	4	6	3		
Survey Comment : Ivy clad suppressed tree																			
Tree Comment :																			

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Tree ID : 21				Tag :				Assessor : Paul Sweetman				Bats : No							
Species : Common Oak <i>Quercus robur</i>				TPO :				Inspected : 20 July 2015				Cons Area :							
Estimated Measurements								Next Insp : Not Required											
								1st Branch: 8 N											
-----Stems-----				-----Health-----				-----RP-----				-----Clearance (m)-----				-----Spread (m)-----			
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W		
17	1	440	Mature	Fair	Good	Poor	Fair	C.2	20 to 40 yrs	87.6	5.28	Pre Construction		6	3	3	3		
Survey Comment : Suppressed tree with basal wound north																			
Tree Comment :																			

Tree ID : 22				Tag :				Assessor : Paul Sweetman				Bats : No							
Species : Common Oak <i>Quercus robur</i>				TPO :				Inspected : 20 July 2015				Cons Area :							
Estimated Measurements								Next Insp : Not Required											
								1st Branch: 5 S											
-----Stems-----				-----Health-----				-----RP-----				-----Clearance (m)-----				-----Spread (m)-----			
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W		
20	1	540	Mature	Poor	Ivy	Fair	Poor	C.2	20 to 40 yrs	131.9	6.47	Pre Construction		10	10	2	10		
Survey Comment : None																			
Tree Comment :																			

Tree ID : 23				Tag :				Assessor : Paul Sweetman				Bats : No							
Species : Common Oak <i>Quercus robur</i>				TPO :				Inspected : 20 July 2015				Cons Area :							
Estimated Measurements								Next Insp : Not Required											
								1st Branch: 5 N											
-----Stems-----				-----Health-----				-----RP-----				-----Clearance (m)-----				-----Spread (m)-----			
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W		
20	1	610	Mature	Fair	Fair	Fair	Good	B.2	20 to 40 yrs	168.4	7.32	Pre Construction		8	10	3	4		
Survey Comment : None																			
Tree Comment :																			

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Tree ID : 24				Tag :				Assessor : Paul Sweetman				Bats : No							
Species : Common Oak <i>Quercus robur</i>				TPO :				Inspected : 20 July 2015				Cons Area :							
								Next Insp : Not Required											
								1st Branch: 4 N											
Stems				Health				RP				Clearance (m)				Spread (m)			
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W		
8	1	480	Semi-mature	Poor	Poor	Poor	Fair	U.2	10 to 20 yrs	104.2	5.75	Pre Construction		4	4	8	4		
Survey Comment : Stem wound west																			
Tree Comment :																			

Tree ID : 25				Tag :				Assessor : Paul Sweetman				Bats : No							
Species : Common Oak <i>Quercus robur</i>				TPO :				Inspected : 20 July 2015				Cons Area :							
Estimated Measurements								Next Insp : Not Required											
								1st Branch: 4 S											
Stems				Health				RP				Clearance (m)				Spread (m)			
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W		
20	1	610	Mature	Poor	Good	Good	Decline	B.2	10 to 20 yrs	168.4	7.32	Pre Construction		10	4	2	3		
Survey Comment : None																			
Tree Comment :																			

Tree ID : 26				Tag :				Assessor : Paul Sweetman				Bats : No							
Species : Common Oak <i>Quercus robur</i>				TPO :				Inspected : 20 July 2015				Cons Area :							
Estimated Measurements								Next Insp : Not Required											
								1st Branch: 3 N											
Stems				Health				RP				Clearance (m)				Spread (m)			
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W		
18	1	650	Mature	Fair	Good	Good	Fair	C.2	20 to 40 yrs	191.2	7.8	Pre Construction		4	4	10	4		
Survey Comment : None																			
Tree Comment :																			

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Tree ID : 27				Tag :				Assessor : Paul Sweetman				Bats : Yes			
Species : Common Oak <i>Quercus robur</i>				TPO :				Inspected : 20 July 2015				Cons Area :			
								Next Insp : Not Required							
								1st Branch: 3 S							

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Tree ID : 30								Tag :		Assessor : Paul Sweetman								Bats : Yes			
Species : Common Oak <i>Quercus robur</i>								TPO :						Inspected : 20 July 2015				Cons Area :			
Estimated Measurements								Next Insp : Not Required													
								1st Branch: 2 E													
— Stems —				— Health —						— RP —				— Clearance (m) —				— Spread (m) —			
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W	N	E	S	W
16	1	800	Mature	Fair	Fair	Fair	Decline	C.2	10 to 20 yrs	289.6	9.6	Pre Construction		4	3	3	3	10	7	6	7
Survey Comment : None																					
Tree Comment :																					

Tree ID : 31								Tag :				Assessor : Paul Sweetman								Bats : No					
Species : Common Oak								TPO :				Inspected : 20 July 2015								Cons Area :					
<i>Quercus robur</i>												Next Insp : Not Required													
Estimated Measurements												1st Branch: 5 N													
— Stems —				— Health —								— RP —						— Clearance (m) —				— Spread (m) —			
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W	N	E	S	W				
20	1	650	Mature	Fair	Ivy	Fair	Fair	C.2	20 to 40 yrs	191.2	7.8	Pre Construction		3	3	3	3	8	3	8	4				
Survey Comment : None																									
Tree Comment :																									

Tree ID : 32								Tag :				Assessor : Paul Sweetman				Bats : Yes					
Species : Common Oak <i>Quercus robur</i>								TPO :				Inspected : 20 July 2015				Cons Area :					
												Next Insp : Not Required									
Estimated Measurements												1st Branch: 1.5 N									
— Stems —				— Health —						— RP —				— Clearance (m) —				— Spread (m) —			
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W	N	E	S	W
19	1	810	Mature	Fair	Fair	Good	Fair	B.2	20 to 40 yrs	296.9	9.72	Pre Construction		6	6	3	7	6	6	7	3
Survey Comment : Codominant with stem wound and decay																					
Tree Comment :																					

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Tree ID : 33				Tag :				Assessor : Paul Sweetman				Bats : Yes							
Species : Common Oak <i>Quercus robur</i>				TPO :				Inspected : 20 July 2015				Cons Area :							
								Next Insp : Not Required											
								1st Branch: 2.5 N											
Stems				Health				RP				Clearance (m)				Spread (m)			
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W		
12	1	600	Mature	Fair	Good	Good	Fair	C.2	10 to 20 yrs	162.9	7.2	Pre Construction		3	4	2	4		
Survey Comment : Suppressed tree																			
Tree Comment :																			

Tree ID : 34				Tag :				Assessor : Paul Sweetman				Bats : No							
Species : Common Oak <i>Quercus robur</i>				TPO :				Inspected : 20 July 2015				Cons Area :							
Estimated Measurements								Next Insp : Not Required											
								1st Branch: 2 S											
Stems				Health				RP				Clearance (m)				Spread (m)			
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W		
19	1	880	Mature	Fair	Good	Good	Fair	C.2	10 to 20 yrs	350.4	10.56	Pre Construction		9	4	0	4		
Survey Comment : None																			
Tree Comment :																			

Tree ID : 35				Tag :				Assessor : Paul Sweetman				Bats : No							
Species : Common Oak <i>Quercus robur</i>				TPO :				Inspected : 20 July 2015				Cons Area :							
								Next Insp : Not Required											
								1st Branch: 6 N											
Stems				Health				RP				Clearance (m)				Spread (m)			
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W		
19	1	630	Mature	Fair	Ivy	Fair	Fair	C.2	20 to 40 yrs	179.6	7.56	Pre Construction		4	6	6	3		
Survey Comment : Minor deadwood over road																			
Tree Comment :																			

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Tree ID : 36								Tag :		Assessor : Paul Sweetman								Bats : Yes			
Species : Common Oak <i>Quercus robur</i>								TPO :						Inspected : 20 July 2015		Cons Area :					
Estimated Measurements								Next Insp : Not Required													
								1st Branch: 3 N													
—Stems—				—Health—						—RP—				—Clearance (m)—				—Spread (m)—			
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W	N	E	S	W
20	1	900	Mature	Good	Ivy	Fair	Good	C.2	20 to 40 yrs	366.5	10.8	Pre Construction		4	4	2	4	5	6	6	2
Survey Comment : None																					
Tree Comment :																					

Tree ID : 37								Tag :				Assessor : Paul Sweetman				Bats : No					
Species : Common Oak <i>Quercus robur</i>								TPO :				Inspected : 20 July 2015				Cons Area :					
												Next Insp : Not Required									
												1st Branch: 5 N									
— Stems —				— Health —						— RP —				— Clearance (m) —		— Spread (m) —					
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W	N	E	S	W
11	1	520	Semi-mature	Poor	Ivy	Fair	Fair	C.2	20 to 40 yrs	122.3	6.23	Pre Construction		6	6	3	6	3	0.1	1	3
Survey Comment : Heavily crown reduced																					
Tree Comment :																					

Tree ID : 38								Tag :				Assessor : Paul Sweetman								Bats : No			
Species : Common Oak <i>Quercus robur</i>								TPO :				Inspected : 20 July 2015				Cons Area :							
												Next Insp : Not Required											
												1st Branch: 6 N											
— Stems —				— Health —						— RP —				— Clearance (m) —				— Spread (m) —					
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W	N	E	S	W		
11	1	490	Semi-mature	Poor	Ivy	Fair	Good	U.2	20 to 40 yrs	108.6	5.87	Pre Construction		5	5	5	5	1	2	2	2		
Survey Comment : Heavily crown reduced																							
Tree Comment :																							

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Tree ID : 39				Tag :				Assessor : Paul Sweetman				Bats : No							
Species : Common Oak <i>Quercus robur</i>				TPO :				Inspected : 20 July 2015				Cons Area :							
								Next Insp : Not Required											
								1st Branch: 2.5 E											
-----Stems-----				-----Health-----				-----RP-----				-----Clearance (m)-----				-----Spread (m)-----			
H (m)	No	Eq Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W		
9	3	566	Semi-mature	Poor	Ivy	Fair	Good	U.2	20 to 40 yrs	145	6.79	Pre Construction		2.5	2.5	3	2.5		
Survey Comment : Heavily crown reduced																			
Tree Comment :																			

Tree ID : 40				Tag :				Assessor : Paul Sweetman				Bats :							
Species : Common Oak <i>Quercus robur</i>				TPO :				Inspected : 20 July 2015				Cons Area :							
								Next Insp : Not Required											
								1st Branch: 3.5 N											
-----Stems-----				-----Health-----				-----RP-----				-----Clearance (m)-----				-----Spread (m)-----			
H (m)	No	Eq Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W		
8	3	464	Veteran	Poor	Ivy	Fair	Good	U.2	20 to 40 yrs	97.5	5.57	Pre Construction		3	3	3	3		
Survey Comment : None																			
Tree Comment :																			

Tree ID : 41				Tag :				Assessor : Paul Sweetman				Bats : No							
Species : Common Oak <i>Quercus robur</i>				TPO :				Inspected : 20 July 2015				Cons Area :							
								Next Insp : Not Required											
								1st Branch: 3 N											
-----Stems-----				-----Health-----				-----RP-----				-----Clearance (m)-----				-----Spread (m)-----			
H (m)	No	Eq Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W		
7	2	597	Mature	Poor	Ivy	Fair	Good	U.2	20 to 40 yrs	161.1	7.16	Pre Construction		3	3	3	3		
Survey Comment : None																			
Tree Comment :																			

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Tree ID : 42				Tag :				Assessor : Paul Sweetman				Bats : No			
Species : A Hedgerow - <i>Unknown</i>				TPO :				Inspected : 20 July 2015				Cons Area :			
								Next Insp : Not Required							
								1st Branch: 0.1 N							

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Tree ID : 45				Tag :				Assessor : Paul Sweetman				Bats : No									
Species : Common Oak <i>Quercus robur</i>				TPO :				Inspected : 07 August 2015				Cons Area :									
								Next Insp : Not Required													
								1st Branch: 3 S													
Stems				Health				RP				Clearance (m)				Spread (m)					
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W	N	E	S	W
7	1	450	Mature	Poor	Poor	Fair	Decline	U.2	<10 yrs	91.6	5.39	Pre Construction		15	15	1.5	14	4	3	2	2
Survey Comment : Suppressed tree in physiological decline																					
Tree Comment :																					

Tree ID : 46				Tag :				Assessor : Paul Sweetman				Bats :									
Species : Common Oak <i>Quercus robur</i>				TPO :				Inspected : 07 August 2015				Cons Area :									
Estimated Measurements								Next Insp : Not Required													
								1st Branch: 5 W													
Stems				Health				RP				Clearance (m)				Spread (m)					
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W	N	E	S	W
11	1	260	Mature	Poor	Good	Good	Decline	C.2	10 to 20 yrs	30.6	3.12	Pre Construction		4	6	6	3	6	4	6	6
Survey Comment : Suppressed tree in physiological decline																					
Tree Comment :																					

Tree ID : 47				Tag :				Assessor : Paul Sweetman				Bats : Yes									
Species : Common Oak <i>Quercus robur</i>				TPO :				Inspected : 07 August 2015				Cons Area :									
Estimated Measurements								Next Insp : Not Required													
								1st Branch: 3.5 S													
Stems				Health				RP				Clearance (m)				Spread (m)					
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W	N	E	S	W
16	1	480	Mature	Poor	Ivy	Fair	Decline	U.2	<10 yrs	104.2	5.75	Pre Construction		12	12	5	12	3	3	6	3
Survey Comment : Physiological decline with major deadwood																					
Tree Comment :																					

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Tree ID : 48								Tag :				Assessor : Paul Sweetman				Bats :					
Species : Common Oak								TPO :				Inspected : 07 August 2015				Cons Area :					
<i>Quercus robur</i>												Next Insp : Not Required									
Estimated Measurements												1st Branch: 4 S									
-----Stems-----				-----Health-----				-----RP-----				-----Clearance (m)-----				-----Spread (m)-----					
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W	N	E	S	W
17	1	500	Mature	Poor	Fair	Poor	Fair	C.2	20 to 40 yrs	113.1	6	Pre Construction		7	7	4	7	6	5	7	4
Survey Comment : Historic crown reduction																					
Tree Comment :																					

Tree ID : 49								Tag :				Assessor : Paul Sweetman				Bats :					
Species : Common Oak <i>Quercus robur</i>								TPO :				Inspected : 07 August 2015				Cons Area :					
												Next Insp : Not Required									
Estimated Measurements												1st Branch: 2.5 S									
— Stems —				— Health —						— RP —				— Clearance (m) —		— Spread (m) —					
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W	N	E	S	W
20	1	610	Mature	Poor	Good	Good	Decline	C.2	10 to 20 yrs	168.4	7.32	Pre Construction		5	5	2	5	5	3.5	5	5
Survey Comment : Physiological decline																					
Tree Comment :																					

Tree ID : 50								Tag :		Assessor : Paul Sweetman								Bats :		No			
Species : Common Oak <i>Quercus robur</i>								TPO :						Inspected : 07 August 2015				Cons Area :					
														Next Insp : Not Required									
														1st Branch: 4 S									
— Stems —				— Health —						— RP —				— Clearance (m) —						— Spread (m) —			
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W	N	E	S	W		
8	1	330	Mature	Fair	Ivy	Good	Good	B.2	20 to 40 yrs	49.3	3.96	Pre Construction		6	6	1.5	6	3	5	7	2		
Survey Comment : Suppressed																							
Tree Comment :																							

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Tree ID : 51

Tag :

Assessor : Paul Sweetman

Bats :

Species : Common Oak
Quercus robur

TPO :

Inspected : 07 August 2015

Cons Area :

Next Insp : Not Required

Estimated Measurements

1st Branch: 1.5 S

Stems			Health						RP		Clearance (m)				Spread (m)						
H (m)	No	Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m²)	R (m)	Site Status	Priority	N	E	S	W	N	E	S	W
4	1	130	Young	Poor	Fair	Good	Good	U.2	<10 yrs	7.6	1.55	Pre Construction		4	4	0.1	4	0.1	1	6	1

Survey Comment : Suppressed

Tree Comment :

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Report selection criteria.

Projects.

Woodcroft Primary School V2

Date Range.

Any Date

Work types.

----> -No Selection made-

Latest Survey.

All surveys for the selected trees.

---> Last survey for each selected tree.

Work Completed.

---> Work Completed

---> Work Not Completed

Number of trees in selected Project(s) **51**

Number of trees in Report selection **51**