ARBORICULTURAL SURVEY

Georgina Tearne MSc HND (Arboriculture) F.Arbor.A.
8th May 2014

SITE ADDRESS

Bank End Road
Worsbrough
Barnsley

PREPARED FOR:

Erris Homes

Table of Contents

1 BACKGROUND

1.1 Brief Page 1

1.2 Documents Provided Page 1

1.3 Tree Status Page 1

2 SURVEY DETAILS

2.1 Site Visit Page 2

2.2 Inspection Methods Page 2

3 SITE OVERVIEW

3.1 Site Description Page 3

3.2 Tree Population Page 3

4 TREE CONSTRAINTS

4.1 Root Protection Areas Page 5

4.2 Tree Canopies Page 6

5 IMPACT ASSESSMENT

5.1 Site Proposals Page 7

5.2 Statutory Tree Protection Page 7

5.3 Tree Appraisal Page 7

5.4 Services and other Considerations Page 9

6 CONCLUSIONS Page 10

7 GENERAL GUIDELINES, TERMS & CONDITIONS Page 11

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APPENDICES

Appendix 1 – Survey Methodology

Appendix 2 – Tree Survey Data

Appendix 3 - Tree Work Schedule

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1 BACKGROUND

1.1 Brief

This updated arboricultural report has been commissioned by Mr. James McDermott of Kilmartin Plowman & Partners on behalf of;

Erris Homes
Unit 11 Acorn Business Park
Killingbeck Drive
Leeds
LS14 6UF

It supersedes my original report ref: 9018 dated April 2009, and the report I carried out in February 2011 ref: 11004. This finalised report is required as part of a planning application for the construction of 16 residential dwellings at the site adjacent to:

St Thomas's Church
Bank End Road
Worsbrough
Barnsley

1.2 Documents provided

To assist in the production of this report I have been provided with a copy of the scheme layout ref: 1613/220 produced by Kilmartin Plowman & Partners.

1.3 Tree Status

It is understood that there is a Tree Preservation Order relating to a number of the trees within the site. Prior to any tree work being carried out to the protected trees permission must be obtained from the Local Planning Authority (LPA). The details of the LPA are;

Barnsley Metropolitan Borough Council

Tree & Woodland Services

Tel: 01226 770770

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2 SURVEY DETAILS

2.1 Site Visit

2.1.1 Surveyor

Georgina Tearne MSc, HND (Arboriculture) F.Arbor.A.

2.1.2 Date of Survey

8th May 2014

2.1.3 Other Persons Present

Site Engineer and machinery operatives

2.1.4 Weather Conditions

It was fine although overcast with an approximate temperature of 14 degrees.

2.2 Inspection Methods

A visual tree inspection was carried out from ground level of a number of individual trees and groups of vegetation within the site.

Data collection of the trees surveyed has been carried out to BS5837:2012 and full details of the methods used are provided in Appendix 1.

An overview of the items is presented in the following section while notes in the form of a schedule are presented in a spreadsheet at Appendix 2. The location of the trees and groups are identified on the accompanying plans Ref: 140805 TCP & 140805 TPP.

Although the positions of the trees within the site are based on the provided drawing the positions of some trees are approximate. As such the drawings accompanying this report should not be assumed to be accurate and all measurements should be checked on site.

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3 SITE OVERVIEW

3.1 Site Description

3.1.1 The development site is located adjacent to the grounds of St. Thomas's Church. A stepped and rather steep public footpath running adjacent to the north-western boundary links Bank End Road to Yews Lane. Residential properties border the site across its north-eastern boundary while Bank End Road forms the edge of the site to the south-west. To the south-east of the site there is a large woodland area which generally consists of young through to mature deciduous specimens. Recently the central area of the site has been cleared and earth moving excavation has begun.

3.1.2 In addition to the site sloping significantly in a general north-south direction there are a number of other significant level changes within the site. For example there are a number of retaining features close to the footpath running along the edge of the site and there are a number of short although steep banks internal to the site. A number of recent level changes have occurred during excavations at the site and unfortunately consideration has not been given to the trees present on site during these operations.

3.2 Tree Population

3.2.1 There is a significant tree population within the development site with the most significant individuals located close to the site perimeter including a number of mature deciduous trees which are predominantly Sycamore although Oak and Ash were also observed.

3.2.2 The tree population beyond the site consists of a number of mature individual trees within the grounds of the churchyard. Beyond the opposing boundary, to the southeast, there is a large woodland, again consisting of many large, mature individuals.

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3.2.3 The trees surveyed total 27 items of vegetation. Of these, 1 individual has been categorised as 'A' in accordance with BS5837:2012 while another 12 individuals are categorised as 'B'. 2 groups are identified as 'U' and a further 5 individual trees are also identified as 'U' due to the recent soil excavations. All the remaining trees and groups are categorised as 'C'.

3.2.4 Collectively the trees identified within this survey are considered to have a moderate amenity value. This is due to their generally elevated positions which enable views to be gained from quite a distance beyond the site. However, their value is not considered to be high due to the presence of other similar specimens both within the grounds of the churchyard and within the woodland area beyond which collectively produce a significant tree population. It should be noted that many of the younger trees and items within groups have much lower amenity values when considered individually rather than as part of the tree population as a whole.

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4 TREE CONSTRAINTS

4.1 Root Protection Areas

4.1.1 The accompanying drawings (Ref: 140805TCP & 140805TPP) show the positions, canopy spreads and root protection areas (RPAs) of the trees included within the survey. The RPAs are calculated from the tree stem diameters following the guidance of BS5837:2012. Although the RPA attempts to identify an area of the tree's root system which should be protected the simplistic circle (or square) does not take account of constraints such as buildings, land form and walls etc. which may have restricted or influenced root development. In this particular instance it is felt that although retaining walls at the site boundaries and the steps running along the western boundary will have influenced the direction of root development of some of the main trees to some extent this is difficult to quantify and it is felt that many roots will extend beyond these features. It is felt that the RPAs along the front boundary will have been influenced by the retaining wall to some extent and therefore they have been adjusted accordingly while circular RPAs are considered to provide a reasonable guide to the extent of the rooting areas which should ideally be protected for the remainder of the trees. The RPAs shown for groups are indicative only and are based on stem diameters and tree positions where possible. In the case of some groups the extent of the canopy spread has been considered to be a suitable guide for the RPA requirements.

4.1.2 Following the guidance of BS5837:2012 proposals for the site should aim to incorporate those trees which are identified as 'A' and 'B'. In this instance this applies to 1 'A' category tree and 12 'B' category trees. 'C' category trees can usually be retained at least in the short term although it is generally accepted that they should not influence the proposed layout and it may be considered more appropriate to remove many of them in favour of a new landscaping scheme.

4.1.3 When considering the layout of the site and the retention of significant trees proposals should generally

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be kept outside of both the RPA and the canopy spread. However, it may be possible to encroach into these areas with access roads, footpaths and parking areas assuming existing ground levels can be maintained and the appropriate construction methods can be employed.

4.2 Tree Canopies

4.2.1 Four-point canopy spreads for each tree are indicated on the accompanying drawings. Generally the canopy spread of a tree constitutes a constraint in terms of its physical presence and its shading potential. Consideration will be given to both the current and potential canopy spreads in relation to the proposals for the site in the following impact assessment.

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5 IMPACT ASSESSMENT

5.1 Site Proposals

5.1.1 Proposals for the site include the construction of 16 residential properties. These will include 3 and 4 bed detached properties as well as 3 bed semi-detached and terraced properties. A new access point will be established from Bank End Road to provide vehicle access to the properties.

5.2 Statutory Tree Protection

5.2.1 There is a TPO protecting a number of trees within the site. Prior to any pruning/felling work etc. being carried out permission must be obtained from the Local Planning Authority. However, it is worthy of note that any tree work identified in a planning approval or in support of a subsequently discharged condition will over-ride any applicable Tree Preservation Order and Conservation Area legislation.

5.3 Tree Appraisal

5.3.1 In order to accommodate the proposals for the site a number of trees will need to be removed. This includes T3, T4 and T22, T23 and T24 of which four are categorised as 'B' trees with the remaining individual, T3, categorised as 'C'. Trees T3 and T4 are to be removed to allow for the creation of the access road and to enable sufficient sight-lines to be created. Although T4 is a 'B' category tree its removal will allow for the retention of T1, in particular and other 'B' category trees along the site frontage.

5.3.2 Trees T22, T23 and T24 are all mature Oak trees located within the eastern section of the site and their removal is required in order to accommodate the proposals. Their loss is not ideal but the remaining 8 'B' category individuals will be retained and although the removal of these trees will initially have some impact on the visual amenity of the tree population within the site the large

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woodland area directly beyond these trees together with proposed new planting within the site will help to ensure continuity of a significant and varied tree population within the locality.

5.3.3 In addition to these it is also recommended that some trees are removed due to their condition. This includes T5, T6, T9, T10 & T11, and G21 & G22. The individual trees are recommended for removal due to recent excavations which have caused root damage and potentially resulted in destabilisation of the trees. These trees are now considered to be unsafe and should be removed as they pose a threat to the users of Bank End Road and the footpath leading up the side of the churchyard. Those within G19 and G21 are recommended for removal due to their poor condition and limited value.

5.3.4 There are a number of trees where the proposals encroach within their indicated RPAs. However, the encroachment is only slight and it is felt that the overall impact on these trees will be slight and they will not be significantly affected by the development. Care must however be taken to ensure protection of the remaining RPA for each tree by installing protective barriers as close to or beyond the RPAs as shown on the accompanying 'Tree Protection Plan' (140805TPP).

5.3.5 The final trees of note are located along the site frontage and include T1, G2 and G27. There will be some slight amendment to the retaining wall to provide the necessary sight lines and it is important to ensure that the soil levels within the site and within the RPAs are maintained. There should be no alterations within this area. It is however, felt that adequate protection can be provided by ensuring that protective barriers are installed as shown and maintained for the duration of the development.

5.3.6 Although a number of trees are located close to some of the buildings it is felt that there is no significant conflict in relation to their canopy spread and potential shading.

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5.3.7 During development of the site there is the potential for damage to trees to be retained through construction traffic; material storage etc. and therefore protective fencing should be installed. The Tree Protection Plan (140805TPP) shows the proposed position of the protective barriers which should ideally be installed and retained for the duration of the construction phase. Obviously the barriers will need to be removed to enable the landscaping works to be carried out. However, care must be taken to ensure that the roots of trees to be retained are not compromised through inappropriate storage of materials, soil compaction or damage due to excavation etc.

5.4 Services and Other Considerations

5.4.1 Details of services have not been provided, however, it is assumed that any service runs will access the site from the front of the properties and along the main access which will avoid all of the trees. In order to protect the root systems of the trees it is important that all underground services are kept outside of the areas protected by the barriers. It is advised that the positioning of all services should be checked to ensure that there is no potential threat to the trees to be retained.

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6 CONCLUSIONS

6.1 The development site currently contains a significant number of trees which contribute to the local tree population. It is felt that the trees within the site have a moderate amenity value with most of the significant trees being located close to the site boundaries.

6.2 It is likely that most of these more significant trees are protected by a Tree Preservation Order and as such permission must be obtained from the local planning authority prior to any work being carried out.

6.3 A number of trees have been damaged by recent soil excavations and there is concern in relation to their safety. Although a check should be first made with the LPA it is strongly recommended that these trees are removed in the near future on safety grounds.

6.4 Although some trees will need to be removed in order to accommodate the proposed development the majority of the high value trees will be retained. It is understood that a landscaping scheme will incorporate many new trees which will compensate for the loss of those to be removed and will help to ensure a varied age structure to the tree population.

6.5 Recommended positions for the installation of protective barriers are shown on the accompanying 'Tree Protection Plan' (140805TPP) and these should be retained for the duration of the site preparation and construction phases.

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7 GENERAL GUIDELINES, TERMS & CONDITIONS

7.1 All tree work should be carried out by qualified Arboricultural Contractors with at least £1 Million Public Liability Insurance cover.

7.2 Tree work must be carried out to BS3998 which specifies recommendations for tree work.

7.3 The acceptance of this report constitutes an agreement with the terms and guidelines listed within this report.

7.4 No liability can be accepted by the consultant in respect of the trees unless the recommendations within this report are carried out under his supervision. Nor shall the consultant be responsible for events which happen after the time of the survey due to factors which were not evident at the time.

7.5 Relationships between trees and other objects such as buildings are rarely static and can at times change quite unpredictably. It should therefore be understood that the inspection and monitoring of the condition of trees is a continuing requirement which, in this instance, is recommended on an annual basis.

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I trust that this report provides all the necessary information although if further advice is needed please do not hesitate to contact me.

Signed

20/05/2014

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APPENDICES

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APPENDIX 1 - SURVEY METHODOLOGY

A visual assessment of each tree was made from ground level in accordance with BS 5837:2012 Trees in relation to construction - Recommendations.

The following information has been collected for each tree and is presented in the spreadsheet at Appendix 1.

1. **Height** - measured in metres using a clinometer.

2. **Stem Diameter** - measured in millimetres at 1.5m above adjacent ground level. Stems of multi-stemmed trees are measured just above the buttress flare while where multiple stems emanate from ground level each stem is measured and the data is inputted into the calculation within the standard.

3. **Spread** - the measurement of the branch spread from the stem of the tree to the extent of the canopy in the direction of north, south, east and west.

4. **Crown Clearance** - measured from the highest point of the adjacent ground level in metres.

5. **Age Class** - described as young (Y), middle aged (MA), mature (M), over-mature (OM), veteran (V).

6. **Physiological Condition** - classed as good, fair, poor, or dead.

7. **Structural Condition** - details of any physical defects and the presence of any decay etc.

8. **Preliminary Management Recommendations** - detail of works required including details of further investigations recommended where suspected defects require more detailed assessment and where there is the potential for wildlife habitat.

9. **Estimated Remaining Contribution** - expressed in years as; less than 10, 10-20, 20-40 and more than 40.

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10. **Category Grading –** trees are categorised, in accordance with the cascade chart for tree quality assessment, into one of the following categories;

Trees for Removal

Category U

Those in such a condition that any existing value would be lost within 10 years and which should, in the current context, be removed for reasons of sound arboricultural management.

Trees to be Considered for Retention

Category A

Those of high quality and value: in such a condition as to be able to make a substantial contribution (a minimum of 40 years is suggested).

Category B

Those of moderate quality and value: those in such a condition as to make a significant contribution (a minimum of 20 years is suggested).

Category C

Those of low quality and value: currently in adequate condition to remain until new planting could be established (a minimum of 10 years is suggested), or young trees with a stem diameter below 150 mm.

In addition there are three subcategories which should also be applied identifying the form taken by the value of each tree;

1 Mainly arboricultural values
2 Mainly landscape values
3 Mainly cultural values, including conservation

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Job No. 140805 Appendix 2:Tree Schedule - Bank End Road, Worsbrough, Barnsley.

No.	Species	Latin Name	Height (m)	Stem Diameter (mm)	Spread (m)				Age Class	Height of Crown Clearance (m)	Physiological Condition	Structural Condition	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Category Grading
					N	S	E	W							
T1	**Sycamore**	*Acer pseudoplatanus*	15	540	5	5	5	6	M	2	Good	Good single stem although located on top of a collapsed retaining wall. Epicormic shoots at base. Bark wound on stem. Forked at 4m. Good shape and form and not pruned to any extent. Possibly reduced life expectancy due to position in relation to wall. Tipped mound of earth within root zone.	No action although repair to wall required and removal of mound of earth recommended.	20-40	B1
G2	**Ash**	*Fraxinus excelsior*	11	290	2	4	5	1	Y	1	Fair	The main tree is a single stemmed specimen with other stems of limited value surrounding it. The main tree is of reasonable shape and form. Slightly one-sided. Potential but easily replaced. Ivy noted.	Remove all but main tree and remove Ivy.	20-40	C1
T3	**Ash**	*Fraxinus excelsior*	11	260, 160	4	3	0	5	Y	3	Fair	Twin-stemmed from its base which is close to the retaining wall. Bark wound up secondary stem. Slightly one-sided crown. Clump of Hawthorn beneath. Limited individual value. Easily replaced.	At present no action.	20-40	C1
T4	**Sycamore**	*Acer pseudoplatanus*	12	490	4	5	5	4	M	0+	Fair	Sitting on top of a retaining wall with suckers around its base. Dense mature Ivy into its crown. Reasonable shape and form and no major visible defects. Suckers and small Hawthorns at its base. Some potential root damage from recent excavations.	Remove Ivy and suckers.	20-40	B/C1
T5	**Sycamore**	*Acer pseudoplatanus*	13	460	4	5	4	4	M	0+	Poor	Single stemmed. Suckers at base. Ivy into crown. Good shape and form. Some old pruning wounds and one with some decay. No major visible defects. Root damage at 3.5m and 1m. Potentially unsafe.	Fell on safety grounds.	<10	U

Job No. 140805 Appendix 2:Tree Schedule - Bank End Road, Worsbrough, Barnsley.

No.	Species	Latin Name	Height (m)	Stem Diameter (mm)	Spread (m)				Age Class	Height of Crown Clearance (m)	Physiological Condition	Structural Condition	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Category Grading
					N	S	E	W							
T6	**Sycamore**	*Acer pseudoplatanus*	14	460	3	5	4	3	MA	1	Poor	Single stemmed. Dense Ivy into crown. Suckers at base. Slightly twisted form. Root damage. Limited long-term value.	Fell on safety grounds.	<10	U
G7	**Sycamore x 2, Ash x 2**	*Acer pseudoplatanus, Fraxinus excelsior*	<9	120 & 160 & 200 & 140, 100	See Plan				Y	0.5	Fair	Scrub trees of limited long-term value. Easily replaced. Dense Ivy into crowns. Some decay at base. Not worthy of retention.	Remove.	10-20	C2
T8	**Sycamore**	*Acer pseudoplatanus*	15	610	2	6	4	6	M	2	Fair	Single stem covered in dense Ivy into crown. Reasonable shape and form although one-sided. Suckers at base. Large kinked limbs at 4m. Hawthorn at base.	Remove Ivy and re-inspect.	20-40	B1
T9	**Sycamore**	*Acer pseudoplatanus*	18	650	4	6	4	4	M	2	Fair	Covered in dense Ivy and therefore not fully surveyed. Forked at approx. 5m with a large, kinked secondary stem. Epicormic shoots at base. No major visible defects. Roots severed at 1 to 2m to east. Strong probability it has been destabilised.	Fell on safety grounds.	<10	U
T10	**Sycamore**	*Acer pseudoplatanus*	14	410	5	4	4	3	MA	0	Fair	Single stemmed. Suckers at base. Ivy into crown. Slightly one sided. Not fully surveyed due to Ivy but no major visible defects. Roots severed at 1 to 2m to east. Strong probability it has been destabilised.	Fell on safety grounds.	<10	U
T11	**Ash**	*Fraxinus excelsior*	17	680	9	4	2	5	M	1	Fair	Single stemmed. On an elevated position. Dense Ivy into crown and covering limbs. Deadwood and stubs. Roots severed at 1 to 2m to east. Strong probability it has been destabilised.	Fell on safety grounds.	<10	U

Job No. 140805 Appendix 2:Tree Schedule - Bank End Road, Worsbrough, Barnsley.

No.	Species	Latin Name	Height (m)	Stem Diameter (mm)	Spread (m)				Age Class	Height of Crown Clearance (m)	Physiological Condition	Structural Condition	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Category Grading
					N	S	E	W							
T12	**Sycamore**	*Acer pseudoplatanus*	6	120	1	2.5	1	1	Y	0.5	Fair	Single stemmed. Ivy on stem. Limited individual value. Roots damaged.	Fell.	20-40	C1
T13	**Sycamore**	*Acer pseudoplatanus*	20	800	6	5	6	4	M	0+	Good	Single stemmed. Large sucker from base. Ivy into crown. Not fully surveyed but no major visible defects.	Remove Ivy and deadwood and re-inspect stem.	20-40	B1
T14	**Sycamore**	*Acer pseudoplatanus*	18	580	5.5	5	6	4	M	0+	Fair	Single stemmed. Dense suckers around base. Dense Ivy into crown. Some deadwood and stubs. Not fully surveyed at base due to epicormic shoots. No major visible defects. Rubble at base.	Remove Ivy and epicormic shoots. Re-inspect, particularly stem and base.	20-40	B1
T15	**Sycamore**	*Acer pseudoplatanus*	18	620	4	4	5	4	M	0+	Fair	Single stemmed. Forked at 5 metres. Dense Ivy covering stem and into crown. Minor deadwood. Suckers around base. No major visible defects although not fully surveyed. Holly and rubble at base.	Remove Ivy.	20-40	B1
T16	**Sycamore**	*Acer pseudoplatanus*	14	670 est.	6	5	6	5	M	0+	Fair	A single stemmed specimen standing on the boundary of the site adjacent to a section of metal railings. It is also adjacent to a retaining wall and over the years it appears that soil and rubble has been trapped between the stem and the railings. It can therefore not be fully surveyed around its base. Dense epicormic shoots around base. Dense Ivy on stem and into crown. Rubble at base in site.	Clear to expose stem and remove Ivy. Re-inspect around base.	20-40	B1

Job No. 140805 Appendix 2:Tree Schedule - Bank End Road, Worsbrough, Barnsley.

No.	Species	Latin Name	Height (m)	Stem Diameter (mm)	Spread (m)				Age Class	Height of Crown Clearance (m)	Physiological Condition	Structural Condition	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Category Grading
					N	S	E	W							
T17	**Elder**	*Sambucus nigra*	5	220	2.5	0.5	2	2	M	1.5+	Fair	One stem covered in mature Ivy. No major visible defects although secondary stem has collapsed out.	At present no action.	10-20	C1
G18	**Sycamore**	*Acer pseudoplatanus*	10	270, 310 & 160, 180 x2	See Plan				MA	1+	Fair	This is a collection of stems with dense Ivy. Located on the steep bank partially retained. Some are close to the boundary. Multi-stemmed from base. Some stems cut back leaving one main stem. Dense Ivy noted. Limited individual and long-term value. Some rubble infill up to stems.	No action at present.	10-20	C2
T19	**Sycamore**	*Acer pseudoplatanus*	13	530, 560	7	5	6	5	M	2	Fair	Short bole producing a twin-stemmed tree. Dense Ivy covering both stems. Some minor stubs and deadwood. Epicormic shoots at base.	Remove Ivy and remedial prune. Re-inspect.	20-40	B1
T20	**Oak**	*Quercus sp.*	14	760	4	7	8	6	M	2	Fair	Single stemmed with Ivy up stem. A Large wound to north-east from base to 1.5 metres identified in 2011 was not visible but the stem was covered in mature Ivy. Minor stubs and deadwood. Reduced life expectancy due to wound.	Remove Ivy and monitor.	20-40	B1
G21	**Ash & Sycamore**	*Fraxinus excelsior, Acer pseudoplatanus*	<2	<250	See Plan				Y+MA	0+	Poor	This group is a collection of Ash stumps located along the boundary with 1 Yews Lane. All have been hacked down to between 1 and 1.5 metre stems with new shoots developing. Limited individual and long-term value.	Remove and kill stumps.	<10	U

Job No. 140805 Appendix 2:Tree Schedule - Bank End Road, Worsbrough, Barnsley.

No.	Species	Latin Name	Height (m)	Stem Diameter (mm)	Spread (m)				Age Class	Height of Crown Clearance (m)	Physiological Condition	Structural Condition	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Category Grading
					N	S	E	W							
G22	**Sycamore**	*Acer pseudoplatanus*	<4	<250	See Plan				Y+MA	0+	Poor	A collection of single and multi-stemmed specimens located on a steep banking. Ivy covers the base of many. Many have been reduced to stumps and are poor with some new shoots and large stubs. Not worthy of retention.	Remove.	<10	U
T23	**Oak**	*Quercus sp.*	12	660	7	7	7	7	M	1+	Fair	Single stemmed. Remnants of fire beneath canopy with scorching to lower stem and underside of lower limbs. Dieback of leader and upper section of crown. Some deadwood. Reduced life expectancy. Excavation at 3m to the north, 2m top the east, 1m to the south and 2.5m to the west.	Remedial prune and monitor.	20-40	B1
T24	**Oak**	*Quercus sp.*	18	790	7	7	6.5	6.5	M	3	Fair	Thick bole producing tree of reasonable shape and form. Some dead Ivy on stem. Cavity opening at main fork at approx. 8m. Deadwood and stubs. Mechanical soil skimming damage to top roots. Root damage also due to excavation at 3m to the east, 3.5m to the west and 3.5m to the south.	Aerial inspection of cavity and remove deadwood.	20-40	B1
T25	**Oak**	*Quercus sp.*	16	590	8	8	8	6	M	3+	Fair	Single stem with decaying wound from ground level. Major deadwood and stubs. Dieback of original main leader leaving a decaying stump. A new leader has taken over to form its crown. Evidence of buttress root decaying back into its stem. Trench at 5m to the south.	Remedial prune and monitor wound.	20-40	B1

Job No. 140805 Appendix 2:Tree Schedule - Bank End Road, Worsbrough, Barnsley.

No.	Species	Latin Name	Height (m)	Stem Diameter (mm)	Spread (m)				Age Class	Height of Crown Clearance (m)	Physiological Condition	Structural Condition	Preliminary Management Recommendations	Estimated Remaining Contribution (years)	Category Grading
					N	S	E	W							
T26	**Sycamore**	*Acer pseudoplatanus*	20	600 est.	6	7	7	5	M	2	Good	Located beyond the site in the grounds of the church yard. Good shape and form. Crown lifted in past although not pruned to any extent. Clear stem. Some deadwood and stubs but no major visible defects.	No action.	40+	A1
G27	**Sycamore, Hawthorn & Oak**	*Acer pseudoplatanus, Crataegus monogyna, Quercus sp.*	<9	<400	See Plan				MA	0	Poor	A number of trees located close to the boundary retaining wall and covered in dense Ivy. One with significant dieback.	Retain the 3 main trees removing the others and all Ivy. Repairs to retaining wall.	40+	C2

APPENDIX 3 - WORK SCHEDULE

No.	Species	Height (m)	Stem Diameter (mm)	Recommendations
T1	**Sycamore**	15	540	No action although repair to wall required and removal of mound of earth recommended.
G2	**Ash**	11	290	Remove all but main tree and remove Ivy.
T3	**Ash**	11	260, 160	At present no action.
T4	**Sycamore**	12	490	Remove Ivy and suckers.
T5	**Sycamore**	13	460	Fell on safety grounds.
T6	**Sycamore**	14	460	Fell on safety grounds.
G7	**Sycamore x 2, Ash x 2**	<9	120, 160,200 & 140, 100	Remove.
T8	**Sycamore**	15	610	Remove Ivy and re-inspect.
T9	**Sycamore**	18	650	Fell on safety grounds.
T10	**Sycamore**	14	410	Fell on safety grounds.
T11	**Ash**	17	680	Fell on safety grounds.
T12	**Sycamore**	6	120	Fell.
T13	**Sycamore**	20	800	Remove Ivy and deadwood and re-inspect stem.
T14	**Sycamore**	18	580	Remove Ivy and epicormic shoots. Re-inspect, particularly stem and base.
T15	**Sycamore**	18	620	Remove Ivy.
T16	**Sycamore**	14	670 est.	Clear to expose stem and remove Ivy. Re-inspect around base.
T17	**Elder**	5	220	At present no action.
T18	**Sycamore**	10	270, 310 & 160, 180 x2	No action at present.
T19	**Sycamore**	13	530, 560	Remove Ivy and remedial prune. Re-inspect.
T20	**Oak**	14	760	Remove Ivy and monitor.
G21	**Ash & Sycamore**	<2	<250	Remove and kill stumps.
G22	**Sycamore**	<4	<250	Remove.
T23	**Oak**	12	660	Remove.
T24	**Oak**	18	790	Remove.
T25	**Oak**	16	590	Remove.
T26	**Sycamore**	20	600 est.	No action.
G27	**Sycamore, Hawthorn & Oak**	<9	<400	Retain the 3 main trees removing the others and all Ivy. Repairs to retaining wall.