



**Arboricultural Method Statement
3 Broadacres
Wetherby**

Report Reference: AMS-1870-1
13 February 2024

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1 Introduction

1. An Arboricultural Method Statement (AMS) is often required to ensure the welfare of retained tree cover during the construction phase of development. It assumes the minimum general standards for development are those set out in British Standard BS5873:2012 '*Trees in relation to design, demolition and construction*'-*Recommendations*.
2. Following the grant of Planning Permission 23/04047/FU this AMS is submitted to discharge condition 4
3. This document is to be made available to all operatives on site during the construction process, so that they understand the scope and importance of the AMS. It should also be supplied to any contractor prior to their arrival on site. This document sets out the methodology and timing of work necessary to ensure successful tree retention both during and post development.
4. A copy of the accompanying Tree Protection Plan (TPP) must be displayed outside the site office.
5. The AMS should be read in conjunction with the Tree Schedule & Protection Measures at appendix 1 and the TPP at appendix 2.

2 Tree Work

6. Any tree work deemed acceptable by the Council should be carried out prior to any construction activity including the installation of tree protection measures. Tree surgery is easier and more cost effective to undertake with no obstacles. Once development has commenced, this work may become difficult to perform and may restrict construction work. In this instance the only work required is to carry out the minor drawing back of the north westerly extending crown of T11 in order to facilitate construction of the approved extension. The nature of the pruning will not involve the removal of any live material with exceeding 75mm.
7. All Arboricultural Contractors should adhere to the following conditions: -
 - All tree work shall be undertaken by a suitably qualified, experienced and insured contractor.
 - The tree work will be carried out in accordance with BS 3998: 2010 'Tree Work Recommendations'.
 - The work should be planned to avoid the bird nesting season (1st March-31st August). If works are deemed necessary within this period they must only be implemented if checks have been made to ascertain there are no nesting birds present.

3 Tree Protective Fencing

8. Any tree scheduled for retention will generally require protection in accordance with BS5837, regardless of its initial retention category.
9. A Tree Protection Fence (TPF) and ground protection will be installed prior to the commencement of any site works, including demolition work, delivery of materials and machinery to site (Fig 1 below shows the BS5837 default TPF specification). **A minimum of 7 days written notice that the agreed tree protection measures are in place shall be provided to the LPA prior to commencement of development.**
10. Once installed the tree protection measures will not be removed or altered other than with the prior agreement of the project Arboriculturist. For information **Tree Care Consultancy (TCC) have now been appointed to carry out Arboricultural monitoring of the proposed new build** - refer to letter of appointment at appendix 4. The findings of each inspection (arboricultural supervision intervention – written and photographic) will be documented in the form of a site inspection sheet (appendix 5).



Figure 1 Photograph 1. Example of BS5837:2012 Tree Protective Fencing

11. The location of the TPF is depicted by blue lines on the TPP. Once erected all protective fencing will be regarded as sacrosanct. The barriers will create the 'Construction Exclusion Zone' (CEZ).
12. The diagram overleaf demonstrates the required BS5837:2012 fence specification, Figure 2 for areas of high risk or trees of significance.

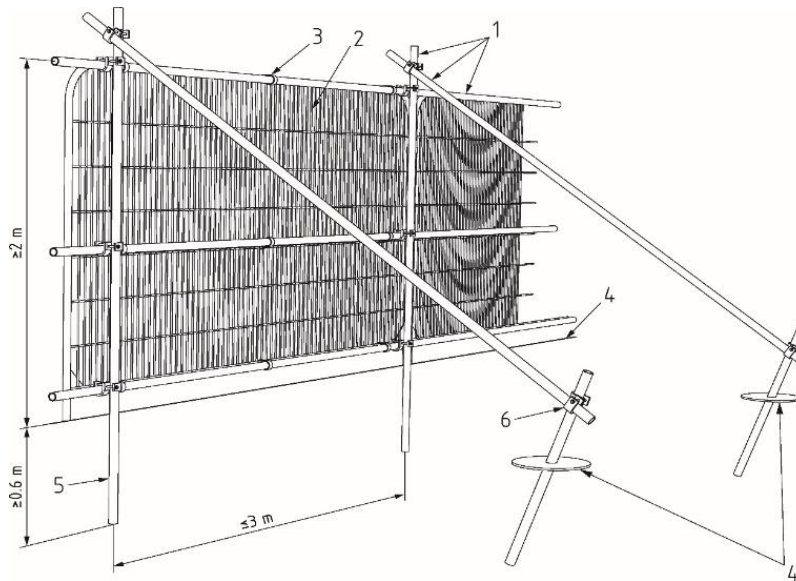


Figure 2 BS5837:2012 Default Tree Protective Fencing

Key

- 1 Standard scaffold poles
- 2 Heavy gauge 2m tall, galvanized tube and welded mesh infill panels
- 3 Panels secured to uprights and cross-members with wire ties
- 4 Ground level
- 5 Uprights driven into the ground until secure (minimum depth 0.6m)
- 6 Standard scaffold clamps

13. Waterproof signage will be attached to the fencing stating its purpose. The signs will be attached every 5m. An example sign has been included in appendix 3.
14. Where the TPF does not fully enclose the RPA of T11 and T12, ground protection will be installed. The location of ground protection has been identified by blue cross hatching on the TPP. An effective means of protection for foot traffic is to use a single layer of Ground-Guards panels with 150mm of wood chips below. Pins should be installed between panels to firmly retain them in place. Examples of ground protection are shown overleaf.



Figure 3 & 4. Examples of ground protections

4 Services

15. Minimal new service provision is required by the proposed development. In terms of the foul and surface water drainage will be routed to existing drain runs to the rear of the dwelling clear of the RPA's of all retained trees. There is no other planned service provision.
16. In the unlikely event that trenching is required within or close to the RPA of a retained tree then before any excavation commences, advice should be sought from either the project Arboriculturist or LPA Case Officer.

5 Level Changes

17. No ground level changes are required within the RPA's of tree's identified for retention. As such no mitigation actions are considered necessary in this regard.

6 Site Compound & Material Storage

18. There is space for deliveries via Shaw Barn Lane to the rear of the dwelling. As such material storage and cement mixing shall be accommodated within the rear garden of the host dwelling, ensuring no construction related impacts need arise in respect of T1, T2 and H3.
19. In terms of the rear garden trees and vegetation no material contamination will take place within the RPA's of any retained items. Furthermore materials which may contaminate the soil will not be discharged within 10m of any tree stem. When undertaking the mixing of materials, it is essential that any slope of the ground does not allow contaminates to run towards the RPA of any retained tree.
20. Water must be readily available on site and will be used to flush spilt materials through the soil to avoid contamination that might otherwise compromise tree health. If at any stage spillage should occur the main contractor shall contact the Project Arboriculturist for guidance.

7 Sequence of Arboricultural Events & Supervision

21. The appointed Arboricultural Consultant will be responsible for the monitoring of all operations in relation to Arboricultural issues.
22. The table overleaf demonstrates the key phases of tree protection:-

Key Phases of Tree Protection					
Phase/Work Description	Arboricultural Supervision Required	Additional Comments	Date of Completion	Signed Project Arboriculturist	Signed Site Manager
Pre-commencement meeting	✓				
Installation of Tree Protection Provide LPA with 7 days notification prior to commencement of development	✓				
Commencement of development					
Tree Protection removal	✓				

23. Tree protection measures shall be monitored by the appointed specialist who will meet with the contractor and site manager prior to the commencement of development to explain the tree protection requirements.
24. The appointed specialist shall submit the completed site inspection sheet (appendix 5) relating to the key phases of tree protection with accompanying photographic evidence to the client, site manager and LPA.

8 Post Construction

25. Following the completion of construction work the tree protective fencing will be dismantled.

9 Contact Details

26. The table below has been included to ensure all lines of communication are established prior to the initiation of any work included within this document.

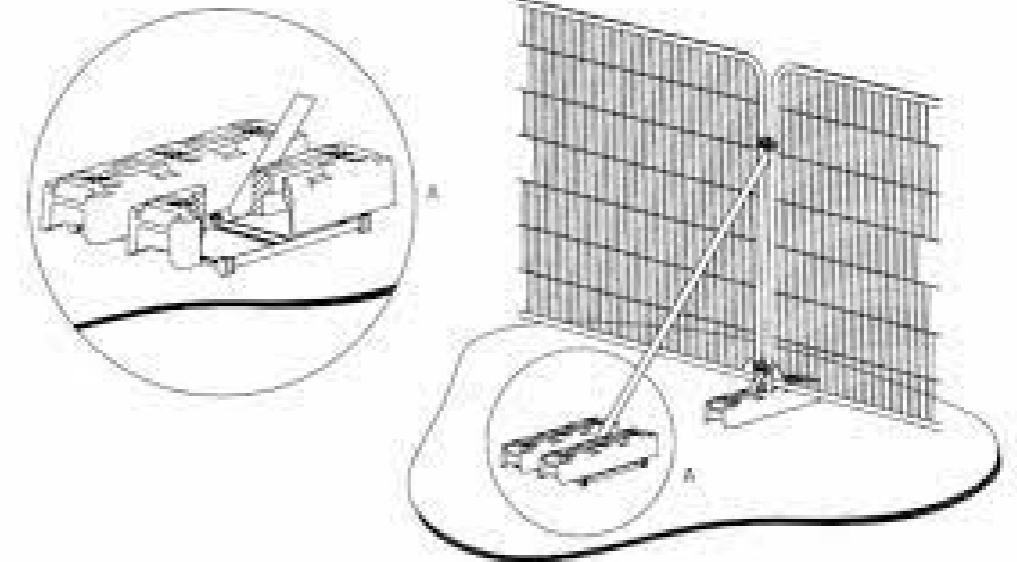
Role	Name	Contact Details
Site Foreman	TBC	TBC
Project Architect	A & J Architects	01937 579200
Local Authority Tree & Landscape Officers	TBC	TBC
Project Arboriculturist	Steve Waterson & Mike Shackleton	01924 270619

Appendix 1 - Tree Schedule

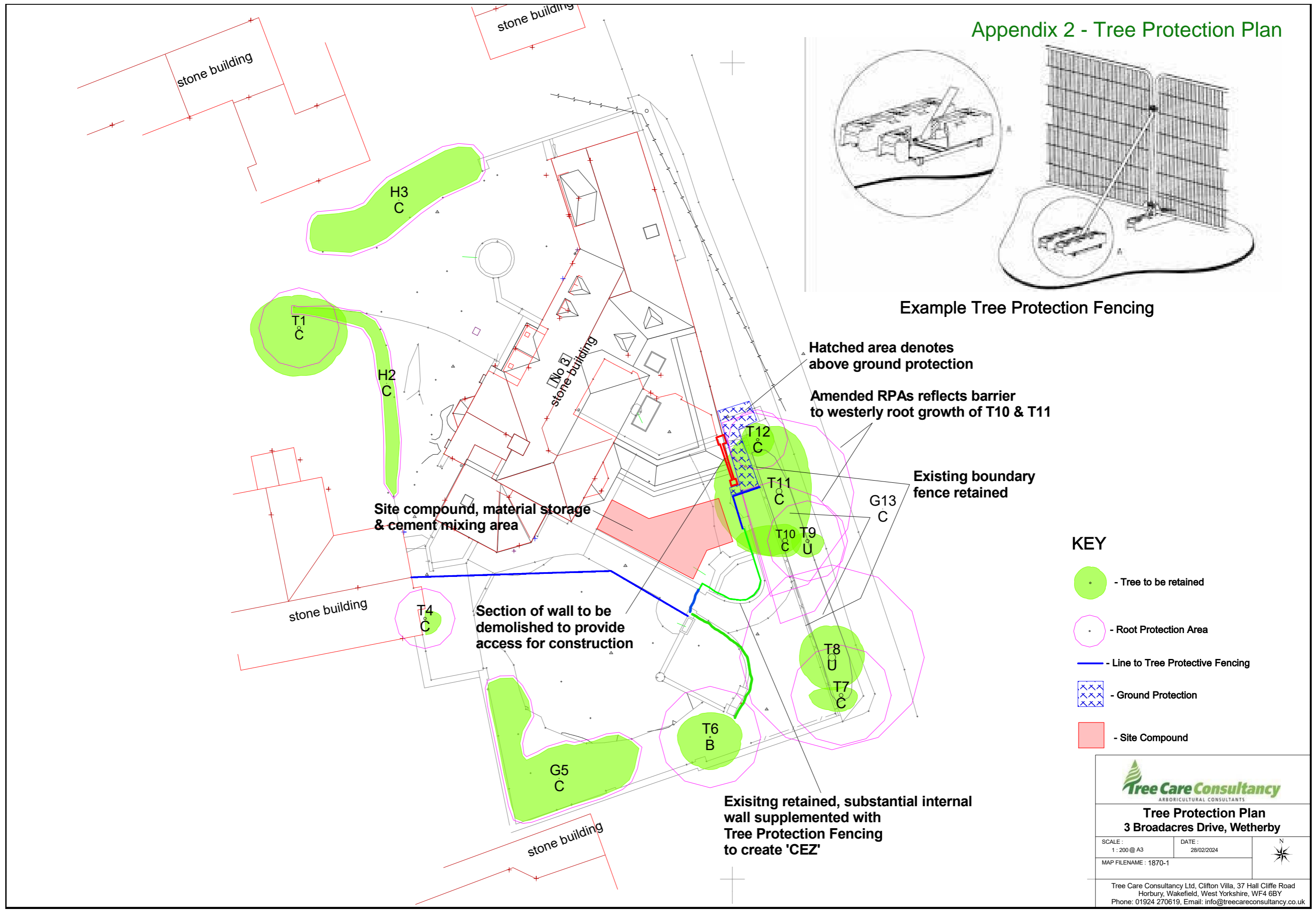
Tree ID	Species, Botanical Name	Height (m)	No of stems	Stem @ 1.5M (mm)				Crown height+ direction (m)	Life stage	Physiological (P) and Structural (S) condition. Observations- negative and positive	Proposed tree work & tree protection measures	Life expectancy	Retention category	RPA Radius (m)	
T1	Mountain Ash, <i>Sorbus aucuparia</i>	4	1	200	2	3	3	3	1.5n	Mature	P= Fair, S= Good. Previously pruned, off site tree. Branches over access road would impede high sided vehicles gaining access to site.	Retain, no work required. Constuction access via Shaw Barn Lane negates need for tree protection measures.	10 to 20 yrs.	C2	2.4
H2	Hedge containing Common Yew, <i>Taxus baccata</i>	2	1	50	1	1	1	1	0ar	Early-mature	P= Good, S= Good. Dense boundary hedging that provides good screening.	Retain, no work required. Constuction access via Shaw Barn Lane negates need for tree protection measures.	10 to 20 yrs	C2	0.6
H3	Hedge containing Common Yew, <i>Taxus baccata</i>	2	1	50	1	1	1	1	0ar	Early-mature	P= Good, S= Good. Dense boundary hedging that provides good screening.	Retain, no work required. Constuction access via Shaw Barn Lane negates need for tree protection measures.	10 to 20 yrs	C2	0.6
T4	Corkscrew Hazel, <i>Corylus contorta</i>	2	1	150	0.5	1	1	0	0e	Mature	P= Good, S= Good. DBH taken from stem close to ground level. Previously pruned item, closely situated to neighbouring building.	Retain, no work required. Install Tree Protection Fence as per Arboricultural Method Statement and Tree Protection Plan.	10 to 20 yrs	C2	1.8
G5	Mixed shrub group containing Smooth Japanese Maple, <i>Acer palmatum</i> , Elder, <i>Sambucus nigra</i> , Magnolia, <i>Magnolia x soulangeana</i> , Weigelia, <i>Weigelia spp.</i> , Hydrangea, <i>Hydrangea spp.</i> , Photinia, <i>Photinia fraseri</i> .	1.5	1	50	See plan				0ar	Semi-mature	P= Good, S= Good. Group of shrub items within border.	Retain, no work required. Install Tree Protection Fence as per Arboricultural Method Statement and Tree Protection Plan.	10 to 20 yrs	C2	0.6
T6	Irish Yew, <i>Taxus baccata</i> 'Fastigiata'	6	10	80	1.5	2	2	2	0ar	Mature	P= Good, S= Good. Good example of species. Stands in own space, creating focal point for the garden.	Retain, no work required. Install Tree Protection Fence as per Arboricultural Method Statement and Tree Protection Plan.	20 to 40 yrs	B1	3
T7	Common Hawthorn, <i>Crataegus monogyna</i>	5	1	250	0.5	1	1	2	2s	Mature	P= Fair, S= Fair. Ivy clad item which is being out competed for light. Biased crown.	Retain, no work required. Install Tree Protection Fence as per Arboricultural Method Statement and Tree Protection Plan.	<10 yrs	C2	3

Tree ID	Species, Botanical Name	Height (m)	No of stems	Stem @ 1.5M (mm)				Crown height+ direction (m)	Life stage	Physiological (P) and Structural (S) condition. Observations- negative and positive	Proposed tree work & tree protection measures	Life expectancy	Retention category	RPA Radius (m)	
T8	Myrobalan Plum, <i>Prunus cerasifera</i>	6	2	350, 300	2	2	2	2s	Mature	P= Poor, S= Fair. Portion of the crown is dead, with Ivy out competing the tree for light and live bud growth confined to branch tips. Tree will die within coming years if Ivy is left on host tree. Recent heavy pruning to remove lower limbs.	Retain, no work required. Install Tree Protection Fence as per Arboricultural Method Statement and Tree Protection Plan.	<10 yrs	U	5.5	
T9	Common or Black Elder, <i>Sambucus nigra</i>	3	1	200	0.5	1	1	1n	Dead	P= Poor, S= Poor. Dead standing item on grass verge.	Retain, no work required. Install Tree Protection Fence as per Arboricultural Method Statement and Tree Protection Plan.	<10 yrs	U	2.4	
T10	Common Hawthorn, <i>Crataegus monogyna</i>	6	2	250, 150	0.5	1	1	3	1s	Mature	P= Fair, S= Fair. Self set item growing in contact with boundary wall with drawn form.	No work required. Install Tree Protection Fence as per Arboricultural Method Statement and Tree Protection Plan.	10 to 20 yrs	C2	3.5
T11	Myrobalan Plum, <i>Prunus cerasifera</i>	7	3	240, 200, 200	4	2	4	4	0ar	Mature	P= Fair, S= Fair. Growing tight against boundary wall and railings. Twin stemmed from 0.3m with tight inclusion and a third stem from ground level. Crown supports multiple leaders from 2m. Minor deadwood and Ivy.	Retain, draw back north westerly extending crown to provide 2m clearance to the approved extension. No live material exceeding 75mm shall be removed. Install Tree Protection Fence and Ground Protection as per Arboricultural Method Statement and Tree Protection Plan.	10 to 20 yrs	C2	4.5
T12	Common Hawthorn, <i>Crataegus monogyna</i>	6	1	150	1	1	1	1	2n	Early-mature	P= Good, S= Good. Drawn, self set item.	Retain, no work required. Install Tree Protection Fence and Ground Protection as per Arboricultural Method Statement and Tree Protection Plan.	10 to 20 yrs	C2	1.8
G13	Group of Yew, <i>Taxus baccata</i> , Hawthorn, <i>Crataegus monogyna</i> , Plum, <i>Prunus</i> spp, Leyland Cypress, <i>Cupressus x leylandii</i> , Elder, <i>Sambucus nigra</i> .	3	1	50	See plan				0ar	Semi-mature	P= Fair, S= Good. Group of understory items to larger trees occupying verge.	Retain, no work required. Install Tree Protection Fence and Ground Protection as per Arboricultural Method Statement and Tree Protection Plan.	10 to 20 yrs	C2	0.6

Appendix 2 - Tree Protection Plan



Example Tree Protection Fencing



Hatched area denotes above ground protection

Amended RPAs reflects barrier to westerly root growth of T10 & T11

Existing boundary fence retained


Site compound, material storage & cement mixing area

Section of wall to be demolished to provide access for construction

Existing retained, substantial internal wall supplemented with Tree Protection Fencing to create 'CEZ'

KEY

-  - Tree to be retained
-  - Root Protection Area
-  - Line to Tree Protective Fencing
-  - Ground Protection
-  - Site Compound



Tree Care Consultancy
ARBORICULTURAL CONSULTANTS

Tree Protection Plan
3 Broadacres Drive, Wetherby

SCALE : 1 : 200 @ A3	DATE : 28/02/2024
MAP FILENAME : 1870-1	

Tree Care Consultancy Ltd, Clifton Villa, 37 Hall Cliffe Road
Horbury, Wakefield, West Yorkshire, WF4 6BY
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Appendix 3 – British Standards Signage



Appendix 4

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WF4 6BY.
Tel. 01924 270619 & 0113 2175175
Info@treecareconsultancy.co.uk

13 February 2024

Leeds City Council
Planning Services
Merrion House
110 Merrion Centre
Leeds
LS2 8BB

Dear Sir/Madam

23/04047/FU
3 Broadacres Drive Wetherby LS22 6GR
Letter confirming Arboriculturist Engagement.

I write to confirm Tree Care Consultancy are the appointed Arboricultural Consultants responsible for the monitoring of all operations in relation to Arboricultural issues to be undertaken in accordance with the Planning Permission 23/04047/FU, condition 4.

The actual sequence of arboricultural events and site supervision are detailed in the Arboricultural Method Statement.

Should you require any additional information in this regard please contact myself.

Yours faithfully

Steve Waterson
Arboriculturist

Appendix 5 - Arboricultural Site Monitoring/Inspection Sheet

Site: _____
Application Ref: _____
Developer: _____
Site Agent: _____
Arboricultural Consultant: _____
Date of Inspection: _____ LPA Tree Officer: _____
Accompanied by: _____

Fencing/Ground Protection

In place/intact?	<input type="checkbox"/>	Signs present?	<input type="checkbox"/>
Erected as required?	<input type="checkbox"/>	Any evidence of breach?	<input type="checkbox"/>

Details including action to be taken: _____

Construction Exclusion Zone

CEZ to approved dimensions?	<input type="checkbox"/>		
Any evidence within the CEZ of:			
Excavations?	<input type="checkbox"/>	Changed soil levels?	<input type="checkbox"/>
Ground contamination?	<input type="checkbox"/>	Vehicle movement?	<input type="checkbox"/>
Storage of materials?	<input type="checkbox"/>	Fires?	<input type="checkbox"/>

Details, including action to be taken: _____

Any special works potentially damaging to trees proposed for the future?

Any amendments to proposed plans?

Details: _____

Signed: _____ Sent to: (circle) Site Manager, Site Agent, Tree Officer, LPA Officer