



Arboricultural Impact Assessment

at
Fullwood Drive
Huddersfield

Table of Contents

| | |
|---|----|
| 1 Purpose and scope of report..... | 3 |
| 2 General information..... | 3 |
| 3 Trees selected for removal, retention and/or pruning..... | 3 |
| 4 Evaluation of impact of tree losses..... | 4 |
| 5 Evaluation of tree constraints and tree protection plan..... | 4 |
| 6 Issues to be addressed by an arboricultural method statement..... | 4 |
| 7 Consultant's qualifications and experience..... | 6 |
| 8 Contact Details..... | 7 |
| Appendix 1: Tree works..... | 8 |
| Appendix 2: Draft tree protection plan..... | 9 |
| Appendix 2: Draft tree shade plan..... | 10 |



1 Purpose and scope of report

This report has been created in accordance with BS5837:2012 to assess the impacts of proposed development as shown in the draft tree protection plan at Appendix 1 and also incorporates information taken from our tree survey Ref 220108aTS. This impact assessment should be read in conjunction with the tree survey, and as required by BS5837, it includes consideration of:

- The tree survey
- Trees selected for retention
- Trees selected for removal
- Trees to be pruned
- Areas designated for structural landscaping which need soil protection
- Evaluation of impact of tree losses
- Evaluation of tree constraints and tree protection plan
- Issues to be addressed by an arboricultural method statement

2 General information

It is advisable to have trees regularly surveyed by a suitably qualified and experienced arboricultural consultant. In this instance it is recommended that the next survey is undertaken within 12 months of this report. If the site or adjacent areas change use, or if there are significant changes to the condition of the site or adjacent areas, or if there are significant changes to the trees surveyed, it is recommended that professional arboricultural advice is obtained.

The plans included as part of this report are based on those provided by the client or their representatives. Whilst reasonable steps are taken to ensure plans are accurate and correct, the consultant will not be responsible for errors or omissions arising due to information provided by the client or the client's representatives.

All tree works should be carried out to BS 3998:2010 - '*Recommendations for tree work*' unless otherwise specified, and by a suitably qualified, experienced and insured contractor.

3 Trees selected for removal, retention and/or pruning

Details regarding tree retention and removal are shown at Appendix 1.



4 Evaluation of impact of tree losses

This site has a planning history which should be taken into account. Consultation responses from Kirklees council officers has provided an insight into how the trees on this site should be taken into consideration.

The current layout has therefore been created in response to statements made by Kirklees tree officers in their past consultation responses. For example, the trees shown as being removed as part of this layout are only those trees which council officers have not objected to being removed in the past. And most of the trees which are shown as being removed as part of this layout are those which have been recommended for removal by council officers because the trees are of low quality.

The layout has also taken into account past comments made by council tree officers regarding shade from trees, and how this might impact on future users of the site – the current layout is such that no dwellings will be adversely affected by shade from any retained trees.

Consultation responses have shown that the council has no objection to development of this site if higher value trees are retained as part of the development. In response to application number 2017/93719 the council raised no objection to the removal of trees T21 and T22 in the central areas of the site, and the responding officer also recommended the removal of trees T11 to T19 on the grounds that they are of “*low quality*”.

In the past, the council's tree officers have only objected to proposals which would result in dwellings being located within areas of excessive shade cast by trees which are protected by a Tree Preservation Order (TPO). The layout which is being considered by this impact assessment does not impact on any trees which are protected by a TPO – no protected trees will be removed as part of this layout, and as discussed below – no dwelling will be located within the area of shade cast by a retained tree on this site.

5 Evaluation of tree constraints and tree protection plan

The draft tree protection plan shows all retained trees as being protected during development in accordance with BS5837:2012.

All excavation works are located outside the root protection areas of the trees on this site which are shown as being retained.

All dwelling spaces are located outside areas of potential concern regarding shading from trees. A potential tree shade diagram has been prepared in accordance with BS5837, and this confirms that shading from retained trees will not be a concern.

6 Issues to be addressed by an arboricultural method statement

Trees will be adequately protected throughout this development with the use of tree protection fencing as shown in the draft tree protection plan. It is unlikely that specialist tree protection measures will be required on this site.





7 Consultant's qualifications and experience

This report has been undertaken by James Royston who has over twenty years experience in arboriculture, forestry, and urban forestry, of which the last 12 years have been spent as a full-time consultant specialising in trees and development, tree related hazards, and sustainable tree management.

In addition, this experience has included work as a tree officer in a local authority planning department, expert witness work for the courts, subsidence investigation works for loss adjusters and insurance companies, and undertaking the role of president of the Consulting Arborist Society.

Academic qualifications include:

MSc Arboriculture and Urban Forestry,

BSc (Hons) Forestry.

Recent professional development courses have included:

Tree Preservation Order Workshop *by the Consulting Arborist Society,*

Trees and Mortgage/Insurance Reporting *by the Association of Mortgage Users Insurance Group,*

Professional Tree Inspection *by LANTRA Awards,*

BS5837:2012 Workshops *by the Arboricultural Association,*

The Future of Tree Risk Management part I and II *by the Treeworks Environmental Practice,*

Trees and Subsidence *by OCA Ltd,*

CTLA Tree Valuation Seminar *by the Consulting Arborist Society,*

Expert Witness Training *by Bond Solon*

THREATS training *by Julian Forbes-Laird.*

Homebuyers Tree Reports *by the Consulting Arborist Society*

Professional associations have included:

Professional member of the Arboricultural Association and the Consulting Arborist Society.

Chartered Environmentalist.

Trustmark Approved Consultant – Working to Government Approved Standards.



8 Contact Details

I hope this report provides all the required information. However, if further advice is needed then please contact me and I will be happy to help.

James Royston – Independent Arboricultural Consultant

MSc Arboriculture and Urban Forestry, BSc (Hons) Forestry.

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Report completed 2nd February 2022



Appendix 1: Tree works



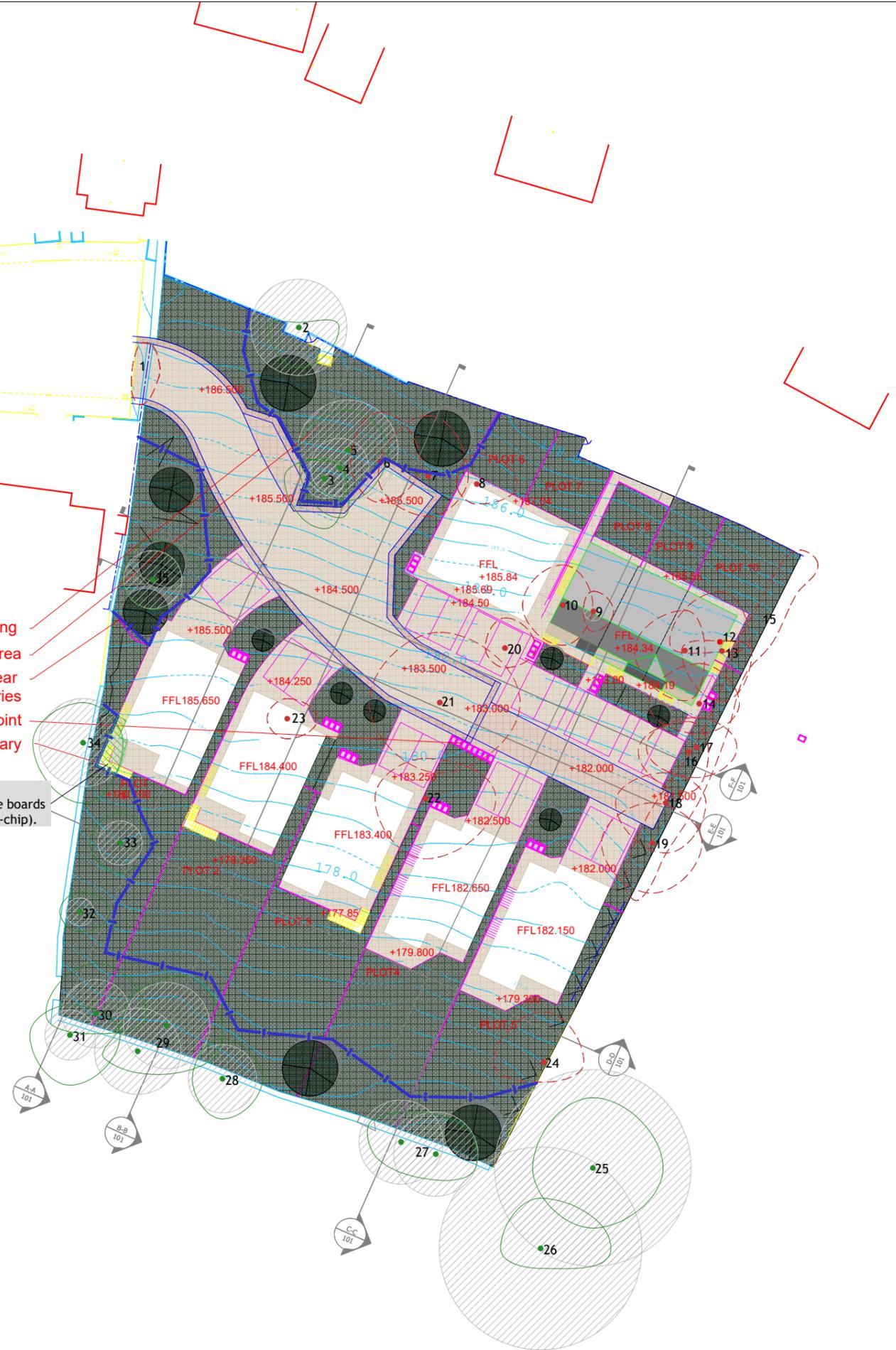
| Tree Number | Common Name | Botanical Name | Pre-development tree works | Reason for works |
|-------------|----------------|---------------------------------|----------------------------|--------------------------|
| 1 | Lawson cypress | <i>Chamaecyparis lawsoniana</i> | Remove | To allow for development |
| 2 | Oak | <i>Quercus sp.</i> | None | N/A |
| 3 | Sycamore | <i>Acer pseudoplatanus</i> | None | N/A |
| 4 | Sycamore | <i>Acer pseudoplatanus</i> | None | N/A |
| 5 | Sycamore | <i>Acer pseudoplatanus</i> | None | N/A |
| 6 | Sycamore | <i>Acer pseudoplatanus</i> | Remove | To allow for development |
| 7 | Sycamore | <i>Acer pseudoplatanus</i> | Remove | To allow for development |
| 8 | Ash | <i>Fraxinus excelsior</i> | Remove | To allow for development |
| 9 | Sycamore | <i>Acer pseudoplatanus</i> | Remove | To allow for development |
| 10 | Sycamore | <i>Acer pseudoplatanus</i> | Remove | To allow for development |
| 11 | Oak | <i>Quercus sp.</i> | Remove | To allow for development |
| 12 | Ash | <i>Fraxinus excelsior</i> | Remove | To allow for development |
| 13 | Ash | <i>Fraxinus excelsior</i> | Remove | To allow for development |
| 14 | Ash | <i>Fraxinus excelsior</i> | Remove | To allow for development |
| 15 | Mix | <i>Mix</i> | Remove | To allow for development |
| 16 | Sycamore | <i>Acer pseudoplatanus</i> | Remove | To allow for development |
| 17 | Sycamore | <i>Acer pseudoplatanus</i> | Remove | To allow for development |
| 18 | Sycamore | <i>Acer pseudoplatanus</i> | Remove | To allow for development |
| 19 | Sycamore | <i>Acer pseudoplatanus</i> | Remove | To allow for development |
| 20 | Sycamore | <i>Acer pseudoplatanus</i> | Remove | To allow for development |
| 21 | Sycamore | <i>Acer pseudoplatanus</i> | Remove | To allow for development |
| 22 | Ash | <i>Fraxinus excelsior</i> | Remove | To allow for development |
| 23 | Oak | <i>Quercus sp.</i> | Remove | To allow for development |
| 24 | Ash | <i>Fraxinus excelsior</i> | Remove | To allow for development |
| 25 | Sycamore | <i>Acer pseudoplatanus</i> | None | N/A |
| 26 | Oak | <i>Quercus sp.</i> | None | N/A |
| 27 | Ash | <i>Fraxinus excelsior</i> | None | N/A |
| 28 | Ash | <i>Fraxinus excelsior</i> | None | N/A |
| 29 | Sycamore | <i>Acer pseudoplatanus</i> | None | N/A |
| 30 | Oak | <i>Quercus sp.</i> | None | N/A |
| 31 | Elm | <i>Elm</i> | None | N/A |
| 32 | Ash | <i>Fraxinus excelsior</i> | None | N/A |
| 33 | Oak | <i>Quercus sp.</i> | None | N/A |
| 34 | Ash | <i>Fraxinus excelsior</i> | None | N/A |
| 35 | Apple | <i>Malus sp.</i> | None | N/A |

Appendix 2: Draft tree protection plan



Visitor parking
 Landscaped area
 1.8m close boarded fencing to all rear boundaries
 Bin collection point
 Rockery retaining wall to boundary

To allow access for construction:
 Tree roots in this green shaded area to be protected by suitable boards over a non compressible layer (such as a 200mm depth of wood-chip).



SURVEY NOT TO BE MOVED OR ROTATED
 ALL SERVICES TO BE FIELD VERIFIED
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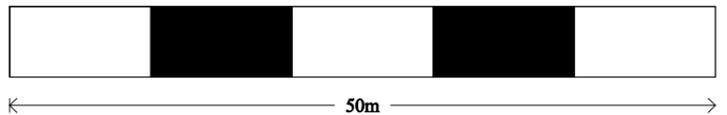
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**Draft Tree Protection Plan to BS5837:2012 at:
 Fullwood Drive, Huddersfield**

| | |
|------------|---|
| 1:500 | PAPER SIZE A3 |
| Key | |
| | Tree to be retained |
| | Tree to be removed |
| | Root Protection Area (RPA) shown as a circle as an approximate guide |
| | Location of tree protective fencing |
| | Area of special tree protection measures. See annotations and method statement for further details. |

Note: Plans are for guidance only. These drawings should not be used for scaling.



Appendix 2: Draft tree shade plan



