

# Arboricultural Impact Assessment

at  
**Burn Road**  
Birchencliffe



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# 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 at Appendix 2, and also incorporates information taken from our tree survey Ref 231118 TS. This impact assessment should be read in conjunction with the 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

Tree T1 is to be removed as part of this project. This is a very small tree of no significance to the local tree-scape.

It is understood that there will be significant amounts of new tree planting as part of this project.

No other trees will be removed or pruned.



## **4 Evaluation of impact of tree losses**

No significant trees will be removed as part of this project, but a large number of new trees will be planted. This project will increase the tree cover on this site and increase the value of the local tree-  
scape.

## **5 Evaluation of tree constraints and tree protection plan**

Tree constraints and potential affects have been assessed in accordance with Section 5 of BS5837:2012.

The land use and living conditions will not be adversely affected by retained trees.

Shading from trees has been assessed in accordance with BS5837:2012 as adjusted for proposed topography. This takes into account the higher ground levels at the location of proposed dwellings in relation to ground levels where retained trees are located.

The impacts of this development on retained trees has also been assessed in accordance with Section 5 of BS5837:2012.

Almost all development will take place outside root protection areas and will have no impact on the health of retained trees. Within the root protection area of retained trees will be an attenuation pipe – this should be installed using a trench-less installation system or by careful excavation avoiding tree roots.

## **6 Issues to be addressed by an arboricultural method statement**

Retained trees will be adequately protected if 1) tree protection fencing is installed and maintained throughout development and 2) the new attenuation pipe is installed in a manner which avoids disturbance to tree roots.



## 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 local authority planning departments, 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.*

The Media Centre  
7 Northumberland Street  
Huddersfield  
HD1 1RL

01484 483 061

[jr@jamesroyston.co.uk](mailto:jr@jamesroyston.co.uk)

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# Appendix 1 Tree works



Tree Number	Common Name	Botanical Name	Pre-development tree works	Reason for works
1	Oak	<i>Quercus sp.</i>	Remove	To facilitate development
2	Mix	<i>Mix</i>	None	NA

# Appendix 2 Tree Protection Plan





**James Royston**  
Arboricultural Consultant

The Media Centre - 7 Northumberland Street - Huddersfield - HD1 1RL  
j.r@jamesroyston.co.uk - 01484 483 061 - www.jamesroyston.co.uk

Tree Protection Plan to BS5837:2012 at:  
Burn Road, Birchcliffe

1:500 PAPER SIZE A2

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 affected by tree shade. Based on BS5837 and adjusted for proposed topography.

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

