

Arboricultural Supporting Statement

INFORMATION PROVIDED IN SUPPORT OF A TREE PRESERVATION ORDER APPLICATION & CONSERVATION AREA NOTIFICATION AT BRIERLEY HALL, CHURCH STREET, BRIERLEY, BARNSELY.

To assist consideration of the application, shown below are;

- The findings of a visual tree assessment carried out in 6 May 2015.
- A sketch plan detailing the location of the various trees and proposed replacement planting.

It will be seen from the survey schedule and sketch plan the Beech T1 and T2 have the capacity to impact upon life and property. Potential targets include Brierley Hall, adjacent farm buildings and newly developed housing. Taking account of the location of T1 and T2 close to adjoining structures, their poor condition and loss of companion shelter it is considered reasonable to undertake the removal of these trees in order to maintain acceptable levels of public safety.

The loss of T1 and T2 will impact on the visual amenity; however the planting of replacement trees will serve to secure future amenity. The proposed replacement planting positions are shown on the attached plan. The applicant proposes to plant heavy standard size (12-14cm girth) saplings in the knowledge this will afford greater initial visual impact. The tree species to be used will be selected from Sweet Gum – *Liquidambar styraciflua*, Hornbeam – *Carpinus betulus*, Turkish Hazel – *Corylus colurna* or Himalayan Birch – *Betula utilis*.

Pruning work is proposed to T3, T6 and T9 which are subject to TPO No.7/2008 and to T7 and T10 which are subject to Conservation Area notification controls. All pruning work will be carried out in accordance with arboricultural best practice adhering to British Standard Recommendations 3998:2010 and will have a minimal impact in terms of visual amenity.

Should the Councils Tree Officer wish to discuss any matters raised by the application do not hesitate to contact myself.

Stephen Waterson
Arboricultural Consultant

Appendix 1


Tree Ref.	Species	Stem Diameter (m)	Height (m)	Branch Spread (m) n,	Age class	Structural, physiological condition & comments	Estimated remaining contribution	BS 5837 Category	RPA (radii)	Proposed tree work
T1 (T7 on TPO)	Beech	0.6	20	8 3 5 8	m	Attractive & dominant specimen, sharing crown space with T2. Upper bole contains a major west facing heavily decayed cavity which compromises the trees structural integrity. Elsewhere crown supports dead wood, additional cavities, snags & poorly occluding wounds. The recommended loss of T2 & the companion shelter currently provided will further compromise this structurally weak tree. I have considered the option of managing the crown in a reduced form, however taking account of its age, the number of defects present and the loss of companion shelter it is considered wise to remove this tree and replant rather than attempt to manage longer term retention by introducing drastic pruning. Crown reduction work might also be seen to detract from the tree aesthetically.	0-10	U	7.2	Remove tree and poison stump
T2 (T6 on TPO)	Beech	0.8	20	8 8 8 6	m	Attractive & dominant specimen, sharing crown space with T1. Major west facing cavity at 6m and a cluster of neighbouring cavities are likely to be conjoined resulting in a substantial column of decay compromising the trees structural integrity. Elsewhere the tree contains large flush cut wounds to main bole and secondary limb. The crown supports dead wood, cavities, snags & various historic poorly occluding pruning wounds. I have considered the option of managing the crown in a reduced form, however taking account of its age, the number of defects present it is considered wise to remove this tree and replant rather than attempt to manage longer term retention by introducing drastic pruning. Crown reduction work might also be seen to detract from the tree aesthetically.	0-10	U	9.6	Remove tree and poison stump
T3 (T3 on TPO)	Pine	0.4	13	5 5 5 5	m	Attractive & dominant specimen, with minor snags & dead wood.	40+	A1	4.8	Retain crown lift to clear adjacent wall, clean through crown to remove dead wood and snags.


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T6 (T1 on TPO)	Tree of Heaven (referred to as Ash on TPO)	0.25	7	4 4 4 4	sm	Promising tree, though regrettably suckering previously noted some distance from parent tree. Desirable to carry out light crown lift to reduce conflict with highway.	10+	C1	3	Retain, crown lift to 6m to clear highway, clean through crown to remove dead wood and snags.
T7 Conservation Area Notification	Purple Plum	0.25	6	4 4 4 4	m	Reasonable example of species, with no major defects. Crown supports minor snags and dead wood.	10+	C1	3	Retain crown lift to and draw back overhang to clear highway/footpath, clean through crown to remove dead wood and snags.
T8 (T4 on TPO)	Copper Beech	0.6	12	7 7 7 7	m	Attractive & dominant specimen, with minor snags & dead wood.	20+	A1	7.2	Retain, crown lift to 6m to clear highway, clean through crown to remove dead wood and snags.
T9 (T5 on TPO)	Himalayan Birch	0.25	10	5 5 5 5	sm	Poor form having no clearly defined leader. Minor snags & dead wood. Retention recommended until establishment of new planting	10+	C1	3	Retain crown lift to clear highway/footpath, clean through crown to remove dead wood and snags.
T10 Conservation Area Notification	Sycamore	0.2	9	4 4 4 4	sm	Promising tree, no major defects present. Desirable to carry out light crown lift to reduce conflict with highway.	10+	C1	2.4	Retain, crown lift to 6m to clear highway, clean through crown to remove dead wood and snags.

Appendix 1

 RETAINED TREE TO BE PRUNED [REFER TO SCHEDULE OF WORK].

 TREE TO BE REMOVED T1 & T2

 REPLACEMENT PLANTING
 HEAVY STANDARD 12-14 CM GIRTH
 2x SWEET GUM, 2x TURKISH HAZEL,
 2x HORNBEE OR 2x HIMALAYAN
 BIRCH.

