

# *Arbor Real*

*Tree analysis service*

*David E. Sotheran.*

*Rock Villa, 60, Pleasley Road, Whiston, Rotherham. S60 4HD.*

*Tel: 01709 374689 sotheran57@hotmail.com*

## *Tree report*

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Telephone: 01709 374689 Email: sotheran57@hotmail.com

Name of Client: Hallroyd Homes Ltd.  
Hallroyd Farm,  
Slikstone Common,  
Barnesly.

Site address: Greenside Lane, Hoyland.

Terms of reference: To carry out a visual inspection of trees on site and nearby land. To assess impact of proposed development on trees.

Date of inspection: Monday 24<sup>th</sup> May 2010

Carried out by: David E. Sotheran

Report prepared by: David E. Sotheran

General observations.

The site is a steeply sloping area of land covered by rough grass and a sparse covering of self-set trees, mainly Hawthorn, none of which have any aesthetic significance. There are two trees at the extreme SW end of the site (Poplar and Wych Elm), adjacent to the pavement of Greenside Lane, both of which are outside of the proposed development area. The lower part of the site is occupied by a small stables complex at the end of an unmade service path.

Trees on Site:

On two sides of the site W & S there are lengths of lapsed hedgerow trees, mainly Hawthorn. (Coloured green on location plan) At the base of the hedgerow is an accumulation, along most of its length, of debris consisting of garden refuse, building rubbish and other fly tipping material. As the proposals indicate re-planting with more suitable species the hedgerow is not worthy of retention.

Other trees:

T1 on location plan.

Populus nigra 'Italica' (Lombardy poplar)

Height. 22m (approx.)

Stem diameter. 700mm.

Height of clear stem. 2.2m

Age. Mature.

Condition. Good.

RPA. 221m<sup>2</sup>

T2 on location plan.

Ulmus glabra (Wych Elm)

Height. 8.5m

Diameter. 350mm

Clear stem. 1.2m (Secondary leader from base.)

Age. Y/M

Condition. Fair. Misshapen crown. Some lower branches cut back.

RPA (If retained) 55.4 m<sup>2</sup>

Tree Survey Schedule.

<u>Ref no</u>	<u>Species</u>	<u>Ht.</u>	<u>Dia</u>	<u>Spread</u>	<u>Crown Clearance</u>	<u>Age Class</u>	<u>Cond..</u>	<u>Remaining Cont. (Yrs)</u>	<u>Category</u>	<u>RPA</u>
<u>T1</u>	Lombardy Poplar	22m	700 mm	2m (av.)	2.2m	M	Good	20 - 30	B	221 m <sup>2</sup>
<u>T2</u>	Wych Elm	8.5m	350 mm	3m	1.2m	MA	Fair	30 - 40	B	55.4 m <sup>2</sup>

Management recommendations

T1 Lombardy Poplar. None

T2 Wych Elm removal of pruning stumps. Removal of secondary leader.

Construction exclusion zone. (CEZ) @ 4.1m from base of Wych Elm.

- Protective fencing to be erected prior to commencement of work.
- No materials, machinery, chemicals or fuels to be stored within the RPA.
- Ground levels within the RPA shall not be lowered or raised without consent of LPA and or in accordance with the approved plans and particulars.
- Existing unwanted vegetation to be treated with Glyphosate herbicide prior to removal.
- Vegetation to be removed by hand tools and not by machinery.

Protection outside CEZ

1. Care should be taken to prevent aerial and below ground damage to trees by machinery and other working practices.
2. No contaminating materials e.g. concrete mixings, oil, diesel and vehicle washings shall be discharged within 10m of the base of the trees. Allowances to be made for the slope of ground near to the trees.
3. No fires to be lit where flames can extend to within 5m of any part of the trees. Size of fires and wind direction apply.
4. No services e.g. wires, notice boards etc. to be attached to any part of the trees.

Installation of new services.

1. No services to be installed within the root protection areas (RPA).
2. Any gutters, drains etc. closest to the trees should be installed with protective mesh to prevent blockage by leaves, needles, seeds etc.
3. Construction exclusion zones shall be monitored during construction by an experienced arborist.

4. The CEZ should be clearly marked on all construction plans to prevent any breaches of the protection methods and planning conditions.

#### Statutory wildlife obligations.

The Wildlife and Countryside Act, 1981, provides statutory protection for birds, bats and other species that inhabit trees. Any tree-work operations are covered by these provisions and advice from an ecologist must be obtained before undertaking any works that might constitute an offence.

#### Design considerations for new planting.

Careful consideration should be given to the ultimate height and spread, form, density and maintenance implications of new planting proposals.



EXISTING HORSE

TRACIC  
TO STABLET



HOUSES  
(LIMAC COES)

T12



T11

