

LAND AT
BEESTON DRIVE

LITTLEOVER

DERBY

DE23 4AN

Report Prepared by

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Summary

The purpose of this report is to provide a survey of the trees on land off Beeston Drive, Littleover, Derby, DE23 4AN based on NHBC Chapter 4.2 and provides information to aid in the design of the foundations for the site only.

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1 INTRODUCTION

- 1.1 **Brief:** I am instructed by Mr T Moseley of Meadowview Homes Ltd, Oaklands, 103 Duffield Road, Derby, DE22 1AE to survey the trees and vegetation that are within influencing distance of an area of land adjacent to Beeston Drive, Littleover, Derby, DE23 4AN. This survey will form the basis for an arboricultural report on them to provide information relevant to NHBC Chapter 4.2
- 1.2 **Qualifications and experience:** I have based this report on my site observations and the provided information, and I have come to conclusions in the light of my experience. I have experience and qualifications in arboriculture and include a summary in Appendix 1.
- 1.3 **Documents and information provided:** I was provided the following drawings by Mr Moseley
- Topographical survey of site.
 - Proposed layout of the site.
- 1.4 **Scope of this report:** This report is only concerned with surveying the trees on site and within influencing distance of the proposal to NHBC Chapter 4.2. It includes a preliminary assessment based on the site visit and the documents provided, listed in 1.3 above.

2 SITE VISIT AND OBSERVATIONS

- 2.1 **Site visit:** I carried out an accompanied site visit on the 21st August 2019. All my observations were from ground level without detailed investigations and I estimated all dimensions unless otherwise indicated. I only surveyed trees that were within influencing distance of the proposal and within the area indicated on the supplied plan. I did not have access to trees outside the boundaries. The weather at the time of inspection was dry and sunny.

- 2.2 **Brief site description:** The site is an area of grassland accessed off Beeston Drive. The land borders onto residential properties to the east and west and has a farmhouse on the northern boundary. The site topography is reasonably level and not considered to be exposed.
- 2.3 **Identification and location of the trees:** The trees in question are located within and outside site boundaries. I have included a location plan to show their approximate locations at Appendix 3 to this report. These plans are for illustrative purposes only and should not be used for directly scaling measurements. All the relevant information on them is contained within this report and the provided documents. Where groups of trees on the supplied plan made individual identification inaccurate the location of the Highest Water Demanding tree was noted on the supplied plan.
- 2.4 **Collection of basic data:** I inspected the trees, groups and hedges and have indicated the numbering on the site plan extract enclosed. I have provided an overview of the site at Appendix 3 to this report. I identified obvious hedges and groups where appropriate. For each individual tree, hedge and group, I collected information on species, height and stem diameter. have recorded this information in the tree schedule at Appendix 2 to this report. I stress that my inspection was of a preliminary nature and did not involve any climbing or detailed investigation beyond what was visible from accessible points at ground level.
- 2.5 **Tree Preservation Orders:** No enquiry was made to the status of any tree protection on site.

3 APPRAISAL

- 3.1 **Relevant references:** I have used NHBC Chapter 4.2 to assess the water demand of the species surveyed.
- 3.2 **Trees on site:** I have identified 9 individual trees within influencing distance of the site and four hedges. The tree species are a mixture of Ash, Holly, Hawthorn and Field Maple. The hedges consist of Hawthorn and Blackthorn with some Holly.

- 3.3 There are a number of dead Elm in the south west corner of the site not noted on the plan. There is Hawthorn growing nearby which is a High Water Demand species which will cover the foundation design in this area.
- 3.4 **Trees off site:** I have identified One Cypress in the grounds of the farmhouse to the north of the site I consider to be within influencing distance of the proposal site.

A. L. Smith M. Arb. CEnv. MICFor. F. Arbor A
Chartered Arboriculturist.

Appendix 1

Qualifications and experience of Andrew L Smith

1. Qualifications:

Certificate in Arboriculture Royal Forestry Society 1986
Technicians Certificate Arboricultural Association 1988
Master of Arboriculture Royal Forestry Society 1989
Advanced Diploma in Arboriculture and Community Forestry 2001
Cardiff University Accredited Expert Witness 2006
Licensed Practitioner of Quantified Tree Risk Assessment 2006
Professional Tree Inspection, Arboricultural Association / Lantra 2007

2. Professional Body memberships

Fellow of the Arboricultural Association
Chartered Arboriculturist, Institute of Chartered Foresters
Chartered Environmentalist, Society of the Environment

3. Practical experience: I have been involved in arboriculture for 44 years and have experience of private and local authority work practices.

4. Continuing Professional Development: This is collated and monitored by the professional associations to which I belong and reaches an agreed amount of hours per year.

Appendix 2 Tree Data

Table 1 Tree Data

Tree No	Species	NHBC Water Demand Class	Stem Diameter (mm)	Present Height (M)	Mature Height(M)* NHBC 4.2	Crown Spread as radii from Trunk (M)			
						N	S	E	W
1	Ash	Moderate	450	12	23	7	7	4	7
2	Hawthorn	High	200	6	10	2	2	2	2
3	Ash	Moderate	300	8	23	5	5	1	6
4	Holly	Low	250	8	12	3	3	3	3
5	Hawthorn	High	250	6	10	3	3	1	1
6	Cypress	High	200	5	18	1	1	1	1
7	Ash	Moderate	100	5	23	2	2	1	1
8	Field Maple	Moderate	350	6	18	3	3	3	3
9	Field Maple	Moderate	300	6	18	3	3	3	3
H1	Blackthorn, Hawthorn, Field Maple, Holly, Oak	High	150	6	20	1	1	1	1
H2	Hawthorn, Blackthorn	High	150	5	10	1	1	1	1
H3	Hawthorn, Blackthorn, Elder, Hazel, Holly, Elm	High	100	3	24	1	1	1	1
H4	Hawthorn, Blackthorn	High	100	2	10	1	1	1	1

* The mature height of the tallest in the group is indicated

Explanatory Notes

- **Measurements/estimates:** All dimensions are estimates unless otherwise indicated.
- **Species:** The species identification is based on visual observations and the common English name of what the tree appeared to be is listed first. In some instances, it may be difficult to quickly and accurately identify a particular tree without further detailed investigations. Where there is some doubt of the precise species of tree, it is indicated with a '?' after the name in order to avoid delay in the production of the report. The species listed for groups and hedges represent the main component and there may be other minor species not listed.
- **Mathematical abbreviations:** > = Greater than; < = Less than
- **Height:** Height is estimate height to the nearest metre.
- **Spread:** The maximum crown spread is visually estimate to the nearest metre from the centre of the trunk to the tips of the live lateral branches.

Appendix 3 Plan

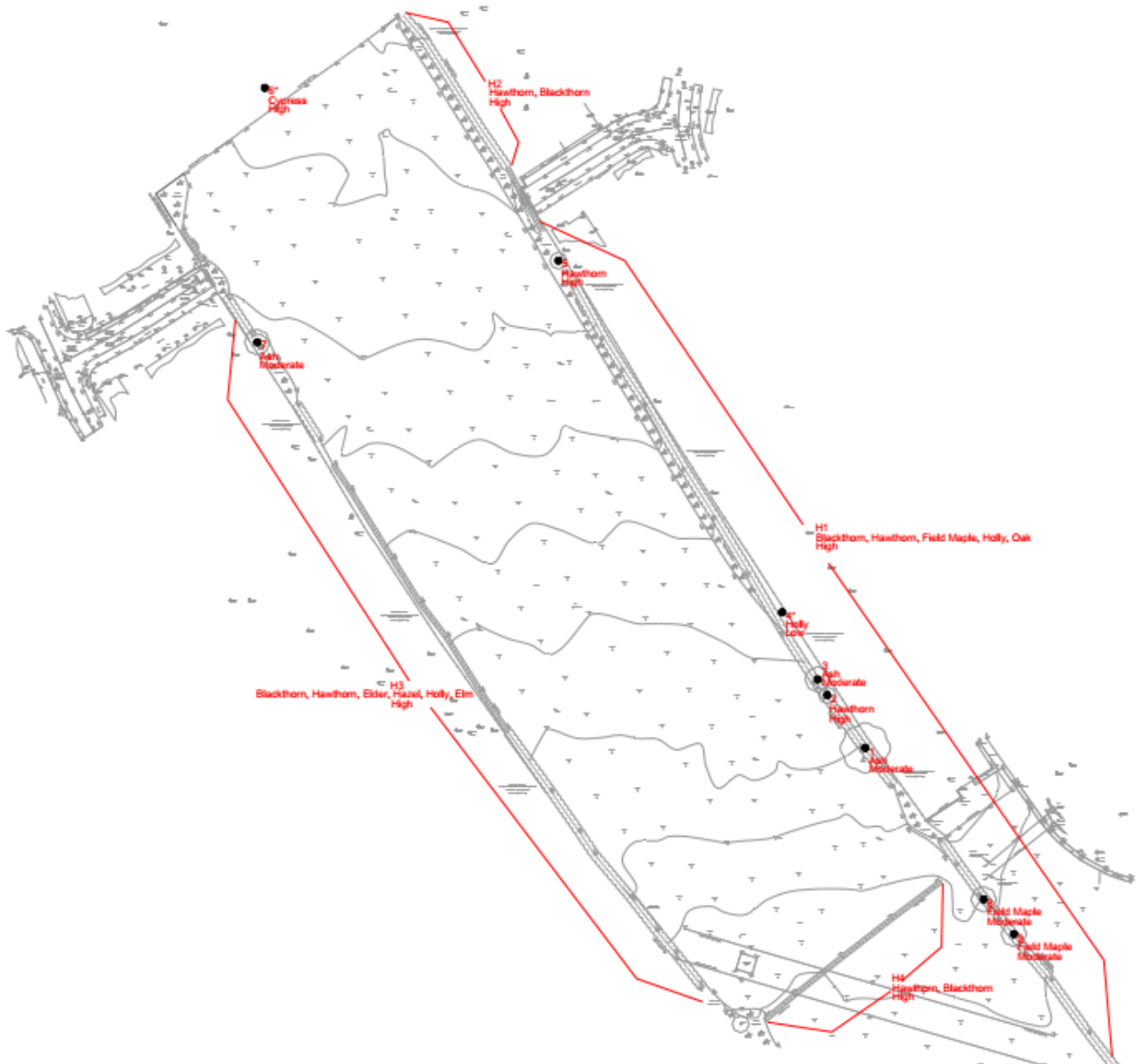


Fig 1 Overview of site for illustrative purposes only*

* Supplied electronically in dwg and pdf formats

LIMITING CONDITIONS/DISCLAIMERS

Unless stated otherwise

1. The Service

1.1 Tree Health Consulting Ltd agrees to supply arboricultural consulting services of a preliminary nature or a more thorough service as advised or as commissioned.

2. Fees

2.1 The client(s) will settle the agreed fee in full, within 14 days of receiving the invoice. Reports will remain the property of Tree Health Consulting Ltd until full payment has been received. No liability is accepted for the contents of a report that is not paid in full. Any queries should be notified to Tree Health Consulting Ltd within 7 days of the invoice date.

2.2 If the client(s) fails to pay within the time specified in 2.1 then Tree Health Consulting Ltd shall charge the client(s) interest on the outstanding fee, both before and after any judgment, at the rate of 4% above the Midland Bank base rate, until payment is made in full (A part of a month being treated as a full month for the purposes of calculating interest).

2.3 In the event that it is necessary to recover any outstanding fees from the client(s), the client(s) will fully reimburse any costs and expenses incurred during the recovery period, including court costs. Tree Health Consulting Ltd reserves the right to make a charge for every letter sent and telephone/fax call made, in connection with the recovery.

2.4 Should the arboriculturist be unable to complete the site investigation as a result of conditions outlined in 3.5, then Tree Health Consulting Ltd will charge the client(s) the costs of travel and time spent.

3. Site Investigation

3.1 The scope of the site investigation is preliminary in nature, unless otherwise agreed with the client(s). Where a more detailed investigation is required, the client(s) will be advised accordingly.

3.2 No investigation will be made of any covered, inaccessible, or underground structures (unless specifically stated).

3.3 Investigation of Private Covenants is to be the responsibility of the client/landowner or agent.

3.4 Site investigations are undertaken by experienced and suitably qualified arboriculturists. Observations are taken from ground level only, within the curtilage of the site and public accessible areas, where this can be done safely and without undue difficulty. Binoculars are used where necessary. Tree heights, age range and future growth potential are approximate. Unless stated otherwise: 1) information contained within our reports covers only those trees that were examined and reflects the condition of those trees at the time of the inspection: and 2) the inspection is limited to visual examination of the subject trees from ground level only and without dissection, excavation, probing or coring. There is no warranty or guarantee, expressed or implied, that problems or deficiencies of the subject trees may not arise in the future.

3.5 During the site investigation if the arboriculturist considers their personal safety is at risk, or that they would breach the conditions of the Health and Safety at Work Act (1974), then they are entitled to abandon the investigation and advise the client(s) accordingly.

3.6 The inspection may require on-site soil profile analysis and excavation and we cannot be held responsible for damage to any underground services not made known to us by the client/landowner or agent.

3.7 Identification of fungi, insects, or tree disorders is based on field observations and does not include a laboratory analysis (unless specifically stated).

3.8 Soil profile samples are extracted using a hand auger. The identification of soil profile types and soil conditions is based on field observations. No samples are taken for laboratory analysis (unless specifically stated).

4. The Report

4.1 If any part of the report is lost, or altered without the written consent of Tree Health Consulting Ltd, then the entire report becomes invalid.

4.2 The general format of reports is a licensed/certified product and cannot be shown, copied or distributed to third parties without the permission of Tree Health Consulting Ltd. No liability is accepted for the contents of the report, other than to that of the client(s).

4.3 The report will purport not to express any opinion or comment as to the condition or structural integrity of any building and no reliance should be made on any such comments.

4.4 The report does not represent legal advice and no reliance should be placed on any such comments.

4.5 If tree/s are on neighbouring land, the tree owner is ultimately responsible and therefore we would advise that the neighbouring tree owner check with his/her insurance company in order to ascertain if adequate building insurance cover is available in the event of any claims arising from the action of the tree/s.

4.6. Trees are dynamic living organisms and constantly change; therefore, all trees to be retained on site should be further inspected every two years by a qualified Consulting Arboriculturist.

4.7. Scale drawings, technical land surveys and accurate tree plotting data will be supplied if necessary and at extra cost. Non-scale sketch plan drawings may be included as part of the report.

5. Insurance Cover

5.1 All work carried out by Tree Health Consulting Ltd is covered by a £5,000,000 Third Party, Public Liability insurance and a £500,000 professional Indemnity insurance.

6. Quality of Craftsmanship

6.1 When appointing a Tree Contractor, please use only suitably qualified and experienced companies (The Local Authority Tree Officer may be able to provide a select list of such companies) and always check that they carry Public and Products Liability Insurance with a minimum of £2 million cover and the relevant Employers Liability Insurance. All tree works must conform rigorously to BS 3998 (1989) 'Recommendations for Tree Work' and as modified by research more recent. Any stump treatment (poisons) must be carried out by a licensed chemical operative.

6.2 Tree Health Consulting Ltd will not accept liability for any works undertaken by any other companies, or contractors.

7. Statutory Provisions

7.1 Before authorising these, or any other tree works, you should contact your Local Planning Authority to ascertain if the trees are the subjects of any Tree Preservation Order or if they are within a Conservation Area, as if either applies, statutory permission will be required before any works can take place