



DEVELOPMENT CONTROL SECTION

23 JUN 2009

DATE RECEIVED

Referred To

TREE REPORT

Reference

090610

Site Address

Plot East of 12 Mill Lane
Kirton in Lindsey
North Lincolnshire

Prepared for

Mr A Holmes

Date of Inspection

10th June 2009

Surveyed by

Emily Wilde
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LN8 3ET

Checked by

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Ref: 090610
Address: Plot East of 12 Mill Lane

Purpose of Report

This report is to provide the client with an assessment of one specie of tree, on the vacant plot East of 12, Mill Lane. The report will include:

- The tree condition, quality and amenity value
- Recommendations, if any, for future management
- Protection of trees during construction

Introduction

The site is a vacant building plot, with a proposed four bed detached house with integral garage to be built on the plot.

There are trees and hedgerow currently to the front, back and East side of the plot boundaries.

A semi detached neighbouring house is present on the East, and a detached neighbouring house is present on the West.

The plot is set in a cul-de-sac, so there is a street to the front of the plot, and vacant land to the back of the plot.

Limitations

As trees are static objects, they are liable to change within the space of a short time, sometimes unpredictably and the trees should be inspected regularly preferably on an annual basis, this is the responsibility of the tree owner. Therefore this report is only valid for 1 year.

The survey was carried out from ground level and was a visual tree assessment.

Tree Protection Guidelines

- Mark trees to be felled.
- Prune back lower branches where appropriate.
- Mulch around base of trees, this will keep moisture in and absorb any spillage should it occur.

Do not

- Dump chemicals around base of trees.
- Store anything around tree base.
- Have fires within 5m of the trunk or foliage.

Make sure

- No equipment comes into contact with any part of the tree
- Excess water drains away from the tree
- All chemical spills are cleaned up.

Site: Plot East of 12 Mill Lane
Client: Mr A Holmes
Date: 10/6/09

Canopy Spread (metres)

| Tree Ref No | Species | Height (m) | Stem (dia) cm | Age class | Physiological condition | Structural condition | Remaining contribution (yrs) | Co-ordinates A | Co-ordinates B | Category grading | Canopy Spread (metres) | | | | RPA (m ²) |
|-------------|---------|------------|---------------|-----------|-------------------------|----------------------|------------------------------|----------------|----------------|------------------|------------------------|-------|------|------|-----------------------|
| | | | | | | | | | | | North | South | East | West | |
| T11 | Cherry | 10.5 | 45 | MA | F | F | 20 | NA | NA | B | 4 | 4 | 4 | 4 | 6.36 |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

| | |
|---------------------|----------------------------|
| Tree Species | |
| Cherry | = <i>Prunus cerasifera</i> |

| Key | |
|---------------------------------|--|
| Stem Diameter: | At 1.5m unless otherwise stated, b = base |
| Age Class: | Y=young (Less than one third of expected lifespan) MA=middle-aged (Half of expected lifespan) M=mature (More than two thirds of expected lifespan) OM=over-mature (Reached expected lifespan) V=veteran (Exceeded expected lifespan) |
| Physiological Condition: | G=good, F=fair, P=poor, D=dead |
| Structural Condition: | G=good, F=fair, P=poor |
| Category Grading: | See Table 1 |

Root Protection Areas (RPAs): RPAs to be protected by interlinked weldmesh panels to the distances recommended to comply with BS5837:2005 (see Table 2 to calculate the RPA). sizes dependant on trees to be retained. The area within the fence should be strictly out of bounds to the builders, with no part of the area used for storage of materials. Any construction of hard surfacing within the RPAs to be done using a no-dig method incorporating geogrids to avoid compaction of topsoil. Excavations for services to avoid RPAs wherever possible. Any service trenches within the RPAs to be dug by hand, and roots protected to satisfy BS5837:2005.

Tree Surgery: Only work that is essential, or soon to be essential is recommended. Most trees are in good health. Any trees that are identified as needing annual inspection are a result of the trees condition and their close proximity with highways, pedestrians and property. All tree works should be carried out to B.S.3998 1989 "Recommendations for tree works" preferably by a qualified tree surgeon carrying public and products liability insurance.

References: British Standard S837 (2005) - Trees in Relation to Construction.

| COMMENTS | RECOMMENDATIONS |
|---|---|
| <p>T11</p> <p>This tree is a multi-stemmed tree which forks at the base and has a thin layer of Ivy growth around the stem, which grows upwards into the crown.</p> <p>The two main stems grow into one another at various points around the stem and crown, with many crossing branches.</p> <p>There is deadwood present on the South-facing stem at 2m which shows insect infested decay.</p> <p>There is minimal deadwood on the under side of the crown.</p> <p>A deadwood stump is present in between the two main stems at the base on the East side.</p> | <p>We would recommend remedial pruning work to the tree to encourage better shape and health for the tree.</p> <ul style="list-style-type: none"> • Clean and lift the crown • Reduce the crossing stems • Inspect the tree thoroughly in 5 years. |

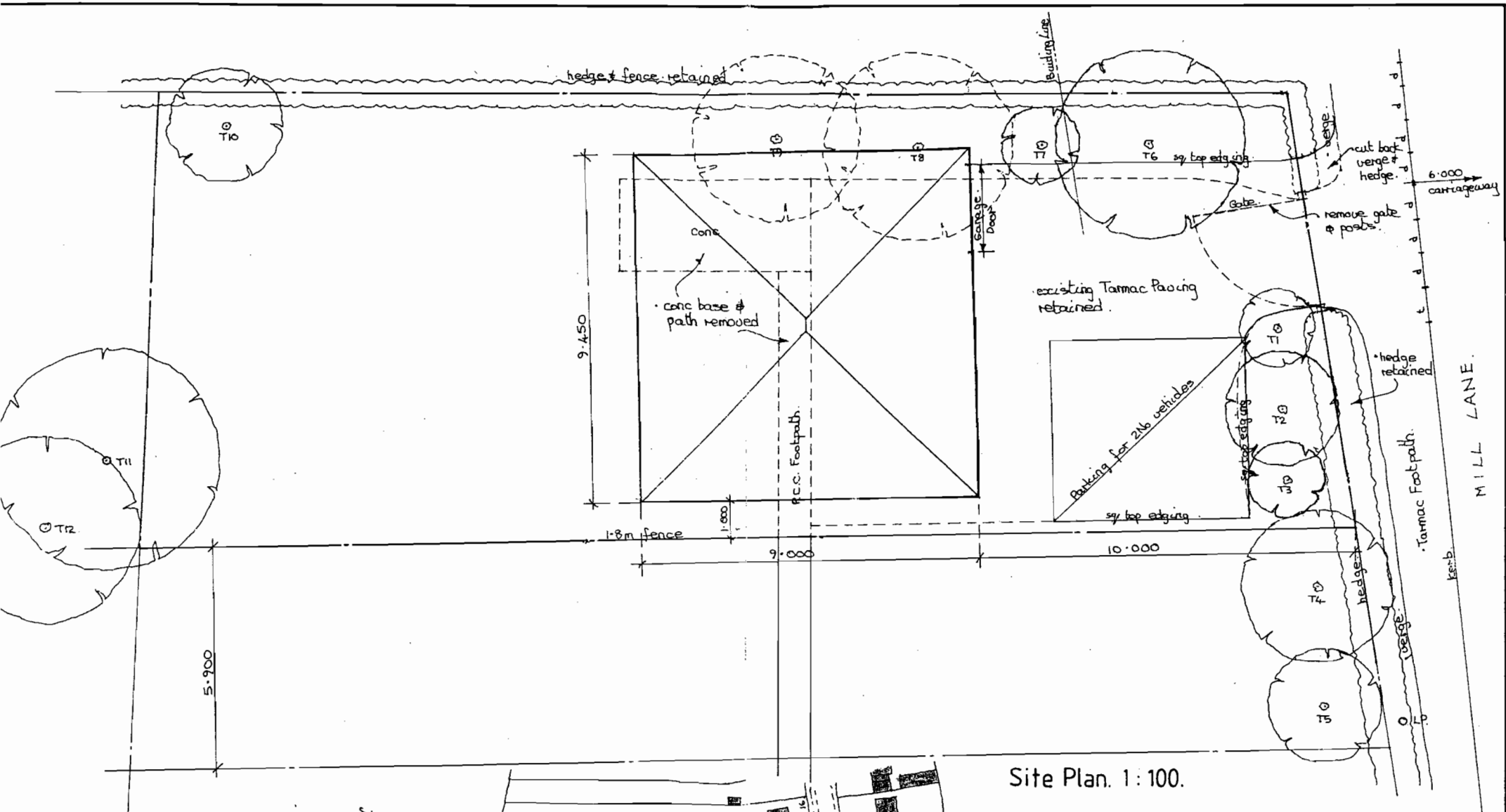
No responsibility is accepted by Lincolnshire Tree Services Ltd for structural damage caused by the trees inspected at the property. The information provided in this document was true to the best of my knowledge on the day of inspection.

Table 1 - Category Grading

| | |
|-------------------|--|
| Category R | Those in such a condition that any existing value would be lost within 10 years and which should, in the current context, be removed for reasons of sound arboricultural management. |
| Category A | Those of high quality and value: in such a condition as to be able to make a substantial contribution (a minimum of forty years is suggested). |
| Category B | Those of moderate quality and value: those in such a condition as to make a significant contribution (a minimum of 20 years is suggested). |
| Category C | Those of low quality and value: currently in adequate condition to remain until new planting could be established (a minimum of 10 years is suggested), or young trees with a stem diameter below 150mm. |

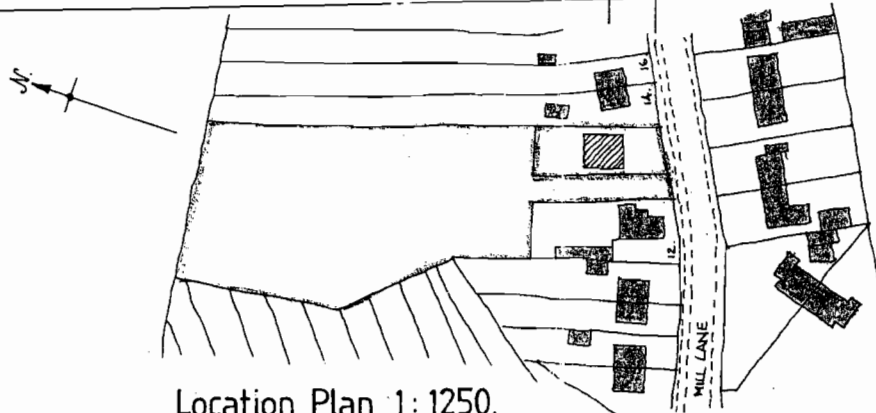
Table 2 - Calculating the RPA

$$\text{Root Protection Area} = \frac{(\text{Stem diameter (mm)} \times 10)^2 \times 3.142}{1000}$$



Site Plan. 1:100.

| | | |
|-----|----------------|----------|
| T1 | Holly | Retain |
| T2 | Fir | Retain |
| T3 | Fir | Retain |
| T4 | Cherry Blossom | o/s site |
| T5 | Fir | o/s site |
| T6 | Holly | Retain |
| T7 | Holly | Retain |
| T8 | Beech | Remove |
| T9 | Holly | Remove |
| T10 | Laburnum | Retain |
| T11 | Crab Apple | o/s site |
| T12 | Crab Apple | o/s site |



Location Plan. 1:1250.

Proposed 4 bed detached House with integral Garage at vacant plot East of 12, Mill Lane, Kirton-in-Lindsey for Mr. A. Holmes, Welholme House, Holme Lane, Holme, DN16 3RF.

SITE PLANS.

Date.: May 2009

Drwa. No.: 09/05/01