

Stoke Farm Proposed Barn Tree Report



26th April 2013

Introduction

1. I have been instructed by Graham North to provide a Tree report with regard to proposed replacement Barn building at Stoke Farm.

The Site

2. The proposal detailed in plan and the adjacent mature tree T1 *Populus nigra* (Black Poplar) .

Scope of Survey

3. I have assessed the trees with due regard to the recommendations and guidelines contained in BS 5837 2012 – ‘Trees in Relation to Construction – Recommendations’. The tree details have been recorded in tabular form as a schedule and categorised accordingly see plan.
4. No trees with a stem diameter of 150mm or under have been included as a part of this Survey. Only trees affected by this proposal are included in this report.
5. The tree was inspected from the ground utilising the Visual Tree Assessment method as developed by Mattheck and Breloer (The Body Language of Trees, DoE leaflet No.4).

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6. Arboricultural Impact Assessment and recommendations: The proposed Barn is marginally within the root protection area calculated as 10m radius from T1 Populus nigra. Consideration has been given to reduce the impact on this specimen by constructing the Barn on '2 pads' of concrete 70cms. X 70cms. X and 30cms. deep. These 'pads' are existing and there will be no further excavations within the root protection area. The internal flooring will be a concrete raft constructed without excavation of the existing ground level. The Conifer screening has been planted beneath the Poplar to enhance the visual amenity. These Leyland Cypress are a vigorous and hardy species and appropriate for this location. On inspection the planting are establishing successfully and will be a good viable screen from the farmyard area.

7. Arboricultural Method Statements:

Note: The following timing and procedures will be adopted to protect T1:

- 1.1 All activities will be excluded from these the tree protection area as plan.
- 1.2. Machinery must not damage the tree, machinery used within the RPA will not be more than 1 ton in weight.
- 1.3 There will be no material storage within the root protection area.
- 1.4 There will be no burning on site.
- 1.5 There will be minimal machine work within the root protection area and no changes of existing ground level. Utility runs will be outside of the root protection areas of the development.
- 1.7 After completion of the Barn the storage area will be cleared away taking care not to damage root protection area.
- 1.8 Final landscaping will only be undertaken by **hand within the root protection areas.**
- 1.9 completion of all works and signed off by the Arborist.

Kim Gifford

Arboricultural Consultant

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Stoke Farm Proposed Barn PO11 0LR

Tree Protection Plan 26th April 2013
ref: T1

Species: Populus nigra

Crown: N 5m E 6m S 8m W 5m

Height 20m Stem dbh: 80cms Hcc 4m

Age class: Mature

Condition: Fair

Management Recs. No action required

Est. contribution: 40+

Quality Category: B



NORTHWOOD

Middlestoke

Motandri

Farm

Bernard House

Root protection Area

T1

2 Pads
70cms
x 70cms x 30cms

TPD

Nora Cottage

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NEW BARN

PROPOSED

ORIGINAL FOUNDATIONS

