

Arboricultural Impact Report

Bluebell

Naas

Co. Kildare

Project No.	Project name	Date	Revision
TBLU001	Bluebell Residential Development	12/11/18	A

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1. Introduction

This report is designed to outline the impact on trees of the proposed development at Bluebell, Naas, Co. Kildare and provides supporting documentation to the arboricultural element of the planning submission for the site. Refer to table 1 for a list of all relevant arboricultural reports and drawings associated with this application. The background data on tree condition and the categorisation of trees is based on the tree survey undertaken by CMK Hort + Arb on instruction from Ardstone Properties Ltd on the 11th of April 2018.

The survey methodology, supporting drawings and documentation follow the recommendations contained within BS 5837 (2012).

Drawings / Reports	Number	Revision
Tree Survey & Constraints drawing	101	A
Arboricultural Impact drawing	102	A
Arboricultural Assessment report	-	-
Tree Protection Strategy report	-	-

Table 1. Arboricultural drawings and reports

A total of 42 trees were identified within the site with a detailed analysis of the individual trees contained within section 7 of the Tree Survey report. Table 2 outlines the categorisation of the trees within this report.

The location of trees and their categorisations are outlined within the Tree Survey report and on drawing TBLU001 101 Rev A Tree Survey & Constraints.

Category	Number	% of total
A	2	10
B	10	50
C	6	30
U	2	10

Table 2. Tree Categories

2. Arboricultural Impact

2.1 General approach to tree retention

The rationale for retaining / removing trees on this site is based on the condition of the individual trees, the suitability of trees in terms of their species and/or form and the impact of the proposed development. The initial pre-planning and design stage identified trees with potential for retention based on their condition and their potential root spread as outlined within the Tree Survey & Constraints drawing (TBLU001 101 Rev A). These factors were addressed within the design and development stage with the trees shown for retention and removal within drawing TBLU001 102 Arboricultural Impact Rev A the result of these considerations.

2.2 Tree retention / removal

A total of fourteen trees are proposed for removal based on the impact of the development (table 4). This represents 65% of the total trees (categories A,B&C) within the subject site and contained within the Arboricultural Assessment report. A further two trees or 10% of the total tree population are proposed for removal based on their condition (Cat U).

The impact on existing trees of the proposed development is shown on drawing TBLU001 102 Arboricultural Impact Rev A.

Category	Number	% of total
A	1	5
B	6	30
C	6	30
U	2	10

Table 4. Tree Removal Categories

3. Impact & Mitigation

The impact on the tree population in this area will be high in terms of numbers lost. However, it should be noted that many of the trees within the southern section of the site where the largest amount of trees will be lost are moderate quality specimen only and of limited value as a result.

One high value category A tree #1003 is proposed to be removed from the northern boundary. Two further trees #1004 & 1005 (categories A & B) on this boundary will be retained. The proposed retention of five category B & C trees #996,998,999,1000 & 1001 within an open space area is to be welcomed as the retention of trees as groups is generally the preferred option and usually provides better outcomes for trees.

Trees on or within the neighbouring properties on the eastern boundary overhang the site and will need to be protected during the construction phase (refer to drawing TBLU001 103). These trees will also need crown management to facilitate the development. This may have to be undertaken in co-operation with the neighbouring residents to bring about suitable outcomes for the trees.

Proposed new tree planting is contained within the accompanying Landscape masterplan drawings submitted as part of the planning package. These plantings will provide a new generation of trees which have the potential to develop and add to the tree population in this area generally.

A Tree Protection Strategy document is provided as part of the arboricultural element of the submission with the aim of ensuring retained trees are maintained for the duration of the construction stage of the development without negative construction related impacts.