

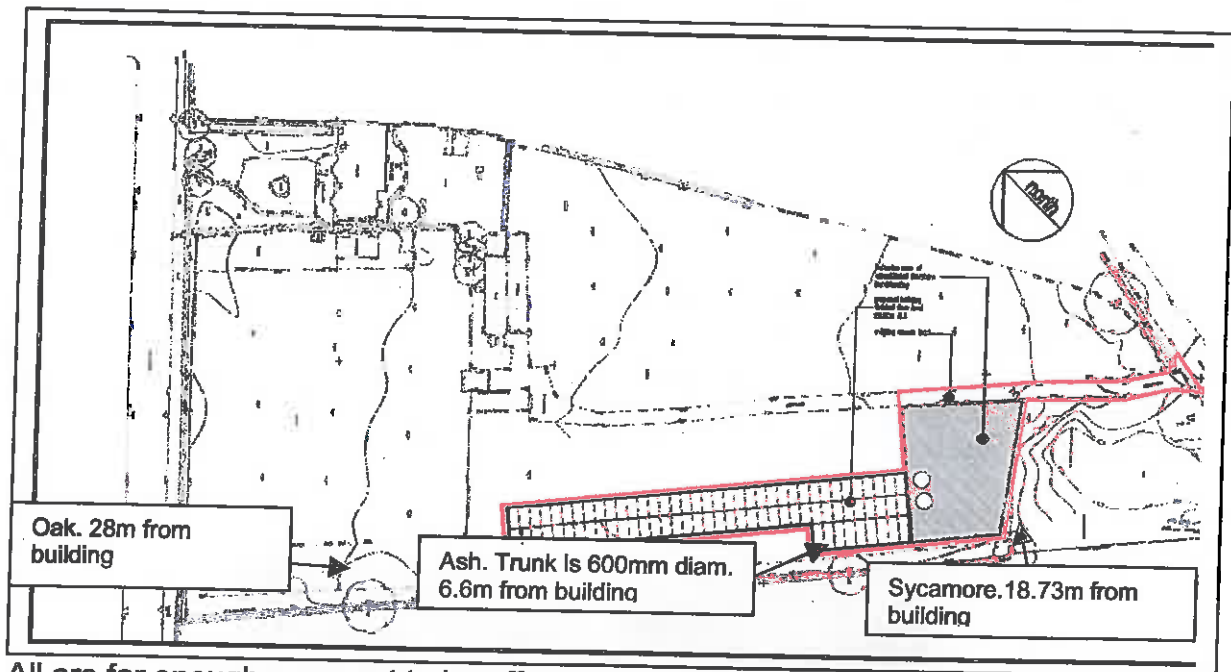
3201304487

**Full application for Poultry Unit at Oakfield, Longsight Road, Clayton le Dale,
BB1 9EX**

Arboricultural assessment

The application site is essentially a field from which a hay crop is taken. It is bounded by hedging – predominantly hawthorn but which has some mature trees in it as the topographic survey shows.

The species of the trees are indicated on the following plan and the distances to the nearest proposed elevations of the building are indicated below.



All are far enough away not to be affected by the proposed building

BS5837: 2005 indicates that the following can be used as worked examples to define the root protection area

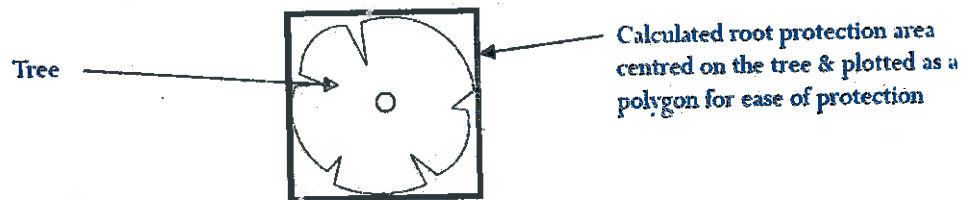
23 JUL 2013	
FOR THE	
ATTENTION OF	

320130448

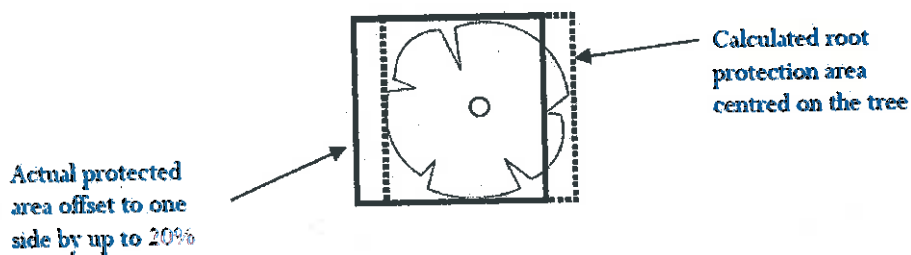
1. For an individual open-grown tree in satisfactory condition of 600mm stem diameter:

Basic calculation $12 \times 600 = 7.2$ (radius in metres) $\Rightarrow$ root protection area (RPA) of 163m^2

As the tree in this example is open grown, the RPA should be centered on the stem at a radius of 7.2m



2. For individual open grown trees in satisfactory condition, it is generally acceptable to offset the RPA by up to 20% to one side of a tree only:



The ash tree has a circumference of 620mm. applying the above formula (and allowing for the 20% reduction) means that the proposed building should be at a minimum distance of 5.9m. It is in fact 6.6m away

So far as the hedge line is concerned this too is at a minimum distance of 6.6m from the proposed building. The hedge is clipped to a height of some 1.5 m



320130448

Sight lines at the entrance from/to Showley Road



The proposed access is via an existing field gate off Showley Lane. Showley Road is a quiet lane where traffic speeds are low. In addition vehicles visiting the proposed building will be infrequent (See Design and access statement for details)

The available sight lines when measured 2.4m back from the carriageway boundary are shown on the submitted plans. They are not interrupted by mature trees up to the extent of the applicant's boundaries and thus none will be affected

