

Jonathan Rowe Assistant Director of Neighbourhood & Leisure Services

J. Coulter
Cappoquin House
Cappoquin Drive
Wrockwardine Wood
TF2 7BX

Environment and Open Spaces
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Date: 24th October 2013

Dear Mr Coulter,

There is only one Beech tree within the Tree Preservation Order. The comments relating to the other Beech which is 'displaying ill health in its growth and leaf coverage' as referred to your letter dated the 16th of October 2013 are not considered within this letter.

The Beech tree appears on an historic map of the Wrockwardine Wood area dating back to 1882.

It could be said that Cappoquin Drive was been designed around the tree as the tree is central to the road itself and can be clearly seen at the entrance from Moss Road.

The tree does have an included union low on the trunk however, it has affectively braced itself further up the stem where a branch has grown from the westerly stem and fused to the adjacent easterly stem. The union has grafted both of the stems together forming a natural cable brace.

"Trees are self optimising structures that will evenly load stress across their whole surface area." This is the 'Axiom of Uniform Stress' as described by Claus Mattheck in the "Body Language of Trees" (2001). Each growing season the tree puts on a new layer of wood. The Beech has had a number of years to optimise its current structure and form. To accommodate its location within the landscape.

Beech trees are shallow rooted which makes them more susceptible to drought stress not failure.

The wall could be reinstated to its original look whilst retaining the tree in its current situation.

Yours sincerely

Gavin Onions
Tree & Woodland Officer.

