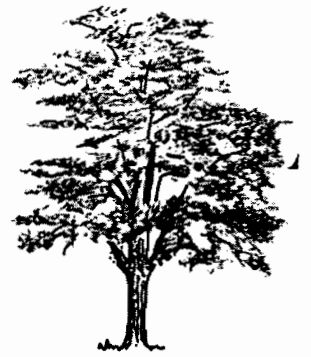


MICHAEL COOPER M.ARB. Dip. P.R.A.
ARBORICULTURAL CONSULTANT

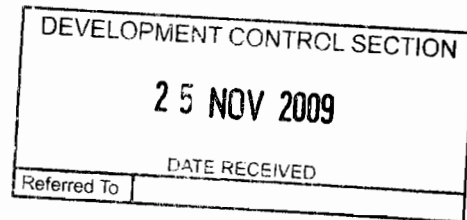


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Our Ref MC

18th June 2009.



Dear Chris,

ARBORICULTURAL SURVEY, WEIR LODGE, WESTWOODSIDE.

I refer to your request for an Arboricultural survey at the above site to comply with the requirements of North Lincs Council Planning Department. The following points are now outlined for your attention.

- 1 There are five trees included in my tree survey schedule that are the most visually important. There are also a few smaller trees inclusive of several Western Red Cedar-Thuja plicata but these have not been added to the survey. The main density of the border appears to be provided by the mature shrubs which are quite effective as a screen. A number of these will definitely have to be removed as part of the access road proposals. The British Standard does not require the inclusion of these on the survey but I have made a note of them in the interests of securing replacement planting as part of this application.

The shrubs are

Ribes sanguineum-Flowering Currant
Viburnum tinus-Laurustinus
Escallonia-possibly 'Donard's Seedling' and 'Donard's Radiance'
Pyracantha-Firethorn
Philadelphus virginal-Mock Orange
Prunus triloba-Flowering Almond
Euonymus
Hebe
Magnolia.

Always remember to use the professionals

- 2 I believe a condition to require any shrubs removed to be replanted at 60-90cm size in 5-15 litre containers should ensure that the integrity of the border is maintained for the future. These should be of the same species as listed above. This should not amount to many in number and perhaps a one for one replacement may be considered by the Planning authority. These could be used to bulk up the screen on either side of the proposed access road if the development proceeds.
- 3 My survey has scored the 5 trees on site in their current situation but I note that it is a requirement of the proposed design that T2, 4 and 5 are recommended for removal. Obviously this amounts to a detraction in the street scene with regard to T4 and to a much lesser degree with T2 and 5.
- 4 If this application is supported and recommended for approval by the North Lincolnshire Planning officers I recommend that it be conditioned for these to be replaced with three trees of Extra Heavy Standard category. These should be purchased as container grown trees from either **Hilliars at Winchester or Barcham's at Ely, Cambridgeshire**, and shall have been in the containers for a minimum of 2 years. The girth size shall be from 16-12 cm and the container size shall range from 80-100 litres in volume.
- 5 The species selection and location of the 3 trees can be at the discretion of the **North Lincolnshire Planning or Landscape Officers**. I would certainly advise that at least one of the trees selected should be of a forest type nature and a space should be selected that will allow it to reach full maturity unhindered if such an area is to be left on this site. If not, a more ornamental type species should be selected for a confined space such as the border. I have added the following list but can advise further on this if North Lincs Council do not wish this level of input.
- 6 Species selection can be from

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Pyrus calleryana 'Chanticleer'-Ornamental Pear;
Acer platanoides 'Emerald Queen' –Norway Maple;
Fraxinus ornus-Manna Ash;
Betula Jacquemontii-Birch;
Prunus sargentii-Sargents Cherry;
Acer campestre-Field Maple;
Acer platanoides 'Columnare-Fastigate Maple.

The above are just a suggestion and the list is not exhaustive. North Lincs Planners may have some proposals on this, in particular any species that wish to see the numbers increased on in the urban area.

- 7 On the aspect of tree retention all development on site should comply with the requirements of ***British Standard Institute Specification 5837 Trees in relation to construction; 2005.***
- 8 Any new tree/shrub planting should comply with ***British Standards 4043:1989, Transplanting root-balled trees and British Standard Institute Specification 3936: 1992, Nursery Stock Part 1. Specification for Trees and Shrubs.***

- 9 All tree surgery work should be carried in accordance with ***British Standard Institute Specification 3998, Tree Surgery work.***
- 10 The site should be checked for the existence of any ***Tree Preservation orders, Conservation areas, Sites of Scientific Interest, Areas of Outstanding Natural Beauty, any deeds of covenant or/and other statutory instruments that may apply.***

Yours sincerely,

M Cooper.

Chris Beckett
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