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TREE REPORT

Re: 2 Denning Road
Hampstead NW3

Site Visit-15/10/2010

Our brief: To assess the viability of 3 existing, or replacement trees, on the roadside perimeter of the site. The site has a proposed application for extensive underground development.

Observations.

There are 3 trees on the perimeter of the gardens of 2, Denning Road. These are subject to Conservation Area status and Tree Preservation Orders. They contribute to the amenity of the area and to the garden, of this significant corner property.

(These trees were apparently planted 3-4 years ago, to replace a group of ailing Lime trees.)

1 x Pin Oak (*Quercus palustris*)

2 x Ornamental Pears (*Pyrus calleryana* 'Chanticleer')

The Pears have flowered abundantly and the growth increments of the Oak are robust.

This is despite the seemingly limited rooting space afforded by their siting between the boundary wall and the decking of the upper garden and the car port of the lower garden.

Recommendations.

Given the scale of the proposed works to be undertaken, the only sensible option would be to replace the existing trees with similar, semi-mature specimens upon completion of the works. The likelihood of survival of the present trees would be doubtful, so a like for like replacement is advised.

The construction plans are to be tailored to accommodate a generous rooting space for these new trees.

The upper level Pear is to be planted 1m from the boundary wall, (the current tree is planted 35cm from the wall). It will enjoy a rooting zone 3m in width x 1.25m in depth.

The Pin Oak (or similar, significant-size alternative) will be planted .75m from the boundary wall, (currently 15cm from the wall). The ability to anchor may therefore be improved. The exclusion zone (ie space for root development) for this tree is to be 4m laterally.

The piling along the boundary, as required by the development, is to incorporate 4 x 30cm spacings, to allow for root growth on the road side.

The lower level Pear is to be planted 1m due south of the existing tree (in order to accommodate the presence of the Oak). It will enjoy the same rooting depth as the Oak.

There are to be 2 x 30cm spacings in the boundary piling, adjacent to the Pear.

The ground beam, necessary to unite the piling above the staggered spacing, will correspond to the foundations of the boundary wall. There is therefore, no alteration in rooting capacity on the road/footpath side.

.A surface, irrigation system is to be incorporated, though this is principally to aid the establishment of the trees.

The replanting zones are to be backfilled with good quality topsoil and tree nourishing compost in order to provide the optimum environment for the new trees. The lower level soil profile is to be reinstated, as per the current status, upon completion of the construction works.

The trees should, therefore be able to reach a size befitting this important corner site.

High-quality, semi-mature trees can be supplied and planted by:

Civic trees- 0800 0121412.

Majestic Trees-01582 84388.