



ABN 53 110 564 102
40 Timbarra Road
St Ives NSW 2075
T/F: 02 9943 6510
M: 0425 342 051

E: landscapematrix@optusnet.com.au
22nd November 2021

Mr John Green
Sirius Developments Pty Ltd
120B Underwood Street
Paddington NSW 2021

Dear Mr Green,

Re: Sirius Building - Tree numbers 50 and 51 – Request for further information.

Reference is made to my earlier advices in respect of the likely impacts of the proposed basement rectification works at the Sirius Building to two adjoining trees located in the Gloucester Walk.

The trees in question are identified as tree numbers 50 and 51 in the earlier report prepared by Landscape Matrix and were summarised in the earlier report and advices as two mature, single trunked specimens of *Platanus x hybrida* (Plane Tree) approximately 18 metres in height with canopy spreads of 16 metres and a DBH of 590mm and 570mm.

It is noted that the NSW Department of Planning, Industry and Environment has requested further information regarding the proposed works and removal of the trees. Specifically, the following information is sought by the Department in respect of the trees and their proposed removal and replacement:

Clarify if the existing two Plane Trees are naturally occurring

Clarify if the proposed four trees mitigates the proposed tree removal as a canopy cover lost to the proposal, will in time, be restored with better performing and more varied plantings

Clarify if the proposed tree planting will improve the mix of indigenous and native plantings improving biodiversity outcomes

The following comments are offered in respect to the request for further information:

Clarify if the existing two Plane Trees are naturally occurring

Comment:

I confirm *Platanus x hybrida* (Plane Tree) is an exotic species and are not ‘naturally occurring’. In addition, these two trees were not part of the original landscape planting intent/scheme for the site as they are not proposed on the original landscape plan prepared for the site (Housing Commission of NSW Plan from circa 1977 and identified as Plan No. A61) – a copy of that plan is attached at Appendix A.

Clarify if the proposed four trees mitigates the proposed tree removal as a canopy cover lost to the proposal, will in time, be restored with better performing and more varied plantings

Comment:

The 4 proposed replacement trees will more than compensate for the removal of the 2 Plane Trees in time. The replacement species *Nyssa sylvatica* (Nyssa, Tupelo) is a deciduous species that can be expected to achieve mature heights of around 15 metres or more and canopy spreads of 8 to 10 metres.

Clarify if the proposed tree planting will improve the mix of indigenous and native plantings improving biodiversity outcomes

The replacement plantings, together with the extensive other plantings proposed in the current landscape plans, will provide for an improved and diverse range of species.

In addition, as noted in my earlier reports, the pathway adjacent to the trees is lifted and cracked consistent with displacement by roots. The trees also exhibited foliage damage likely due to Sycamore Lace Bug a serious and debilitating pest species that impacts Plane Trees. These issues are less likely to occur with the replacement species.

Don't hesitate to contact me if you wish to discuss any aspect of this advice.

Yours sincerely

A handwritten signature in black ink, reading "Guy Paroissien". The signature is written in a cursive style and is enclosed within a thin, hand-drawn oval border.

Guy Paroissien MAIH, MIACA, MISA
M Env. Mgt. & Restor., Dip. Arboriculture, Hort. Cert., Tree Care Cert.
Director
Landscape Matrix Pty Ltd

