



25 November 2021

Re: Request for Additional Information

Sirius Development 2-60 Cumberland Street, The Rocks (Landscape)

Sirius building (SSD-10384-Mod-1)

To Whom It May Concern:

The landscape proposal for the Sirius Building consists of the replacement of Trees 50 & 51 which are sited outside the boundary of the Sirius Building along the public thoroughfare 'Gloucester Walk'. Both of these trees are large Plane Trees which have aggressive root structures and broad canopies, making them unsuitable for their locations. Trees 50 & 51 have caused damage to surrounding walls, pavements and pipes (refer to supporting reports and statements). This damage which will worsen over time if not addressed.

Our proposal is to replace these two trees with four smaller trees with similar characteristics (*Nyssa sylvatica* – Black Tulepo). Like Plane Trees, *Nyssa sylvatica* is a deciduous tree which displays autumn colour yet has a columnar canopy more suitable for tighter spaces. As a smaller and less aggressive tree, its root system will be more suitable than the Plane Tree, and its canopy shape and form more compatible to the space.

Nyssa sylvatica has also been chosen as it is the approved Street Tree to Cumberland St. Ten *Nyssa sylvatica* will be planted along Cumberland St, bringing the total new tree plantings surrounding the Sirius Building to 14 (Refer *L-DA-034 Proposed Street Tree Plan* Rev I dated 25.11.21). This use of a consistent tree species will link Gloucester Walk with Cumberland St, enhancing the amenity and identity of the precinct.

The proposed tree species will also provide more plant diversity within the local area, and once mature, the proposed public domain trees will provide 260m² more canopy than the existing public domain canopy area (Refer *L-DA-035 Tree Canopy Plan – Public Domain* Rev D dated 25.11.21). It will also be more beneficial to have more appropriately sized trees sited throughout the public domain, rather than have oversized canopy trees providing shade to two areas only. The proposed trees will distribute shade more evenly along the footpaths, benefitting pedestrians and reducing heat island effect around the site. Whilst *Nyssa sylvatica* is not a native tree species, it is a suitable tree species for a street, road or public thoroughfare.

Overall, we believe that the proposed *Nyssa sylvatica* to Cumberland St and the replacements of Tree 50 and 51 on Gloucester Walk with *Nyssa sylvatica* will provide for a more robust and cohesive landscape with improved tree performance, shade and a more consistent canopy coverage to the public domain surrounding the Sirius Building.

Kind Regards

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