

23rd August 2016

Attn: Drew Bagnall
University of Sydney
Services Building G12
22 Codrington Street
Darlington NSW 2008

Re: treeiQ Response to Submissions for SSD 7055 – F23 Administration

Please see below our response in relation the various tree management issues raised by Department of Planning & Environment regarding the proposed F23 project. Our response summarizes how the proposal has been designed in accordance with *Australian Standard 4970 Protection of Trees on Development Sites (2009)* and *Australian Standard 4373 Pruning of Amenity Trees (2007)*. With the use of best practice tree management during the development period, the proposed works should not significantly impact the health or Useful Life Expectancy of the trees to be retained.

F23 Building

USYD Response to Department of Planning & Environment	
2 - The building design should be revised to minimise its impact on the existing heritage significant Morton Bay Fig Trees, particularly trees 501 to 503 and the subsequent requirement for any crown pruning.	The proposed F23 Building has been designed to accommodate the Science Road Figs. As indicated within the Arboricultural Impact Assessment Report Rev C (prepared by TreeiQ, dated 11.04.16) the proposed F23 Building footprint is located outside of the TPZ areas of the row of <i>Ficus microcarpa</i> var. Hilli (Trees 499-509). The south-western corner of the roof of the building projects to a small degree over the crowns of Trees 503 and 504 however it should have a negligible impact. Although no excavation is proposed within TPZ areas, in line with Arboricultural best practice, the Report recommends root pruning along the line of the proposed basement excavation closest to the trees. This will ensure roots are cleanly pruned (to promote wound compartmentalisation) prior to bulk excavation works. New kerbs and pavements in TPZ areas are to be installed at or above existing grade to minimise any potential impact to the trees. It is understood that existing kerbs directly adjacent to the trees will be left in situ. Modification of new kerbs to prevent root conflict/damage is a common practice and could be undertaken without impacting the trees.

	Selective Pruning will be required to provide building and road clearances. These pruning works represent less than 5% of each individual tree's total crown volume and are not expected to reduce their Useful Life Expectancies or significantly affect their visual symmetry. Provision should be made so that additional pruning for construction access and scaffolding/hoarding is not required.
3 - The submitted Arborist report recommends replacement planting is to compensate for the proposed removal of 17 trees from the site, however, only two new trees are proposed. Justification is to be provided for the lack of proposed compensatory planting.	It is understood a new Landscape Plan is currently being prepared which includes the provision of additional replacement trees. In addition, Tree 435 is being transplanted from the front of Eastern Avenue to the front of the proposed F23 building, adjacent to City Road.

Yours sincerely



Anna Hopwood-Director

