

TREE TRANSPLANTERS AUSTRALIA PTY LIMITED

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Re: The Terraces Project - Presbyterian church Paddington

Dear Kristina,

Following the correspondence in regard to the relocation on site of the mature palms at the above project, I offer the following comments in regard to root plate size and potential re-establishment.

It is my understanding that some of the palm trees nominated for transplanting on site are to be relocated to potential new locations along Stephen Street. Due to the advanced size of the nominated trees to be transplanted, there is concern that there is not enough planting area to accommodate the root plates of the trees. Their root plates would need to be reduced to a size that is smaller than what would be considered appropriate and this will impact upon the trees ability to survive the transplant procedure.

I must firstly express that all the trees nominated for relocation are at an advanced stage of maturity and at an advanced dimension. The sizes of the root plates to be prepared for successful relocation are determined by the size of the tree. If the root plates are reduced to a size that is smaller than what would be considered minimum for relocation, the tree's level of vitality and structural stability would be compromised.

There is also a need for sufficient planting area at the new locations for the trees to re-establish within. This is known in the industry as the establishment zone or break out zone and is usually at least 1/3 greater than the dimension of the prepared root plate.

The palms nominated for relocation on site shall have root plates ranging from 1.5 metres to 2.5 metres in width once they are prepared for relocation and therefore their new locations will require planting positions of between 2.0 metres wide (4m²) to 3.25 metres wide (10.5m²) and anything less will compromise the capacity of the tree to be self supporting as well as retaining the vitality to sustain the transplant procedure.

I have included some images of one of the palms (Tree N°T47) that is currently being stored in a temporary storage location on site to provide a better understanding of the scale of the trees being relocated on site.



Figure 1: Prepared root plate being lifted from original location



Figure 2: Temporary Location prior to installation of tree (approx 10m²)



Figure 3: Tree N°T47 in temporary location

Yours sincerely
TREE TRANSPLANTERS AUSTRALIA PTY LTD

D. DOOLEY (*Assoc Dip Horticulture / Dip Arboriculture*)
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TREE TRANSPLANTING & ARBORICULTURAL SERVICES

