



MEMORANDUM

Environmental Partnership

TO	JBA PLANNING	FRASERS	DATE	14/01/13
ATTENTION	BRENDAN HOSKINS	ARY BORNOUSH	FROM	ADAM HUNTER
		WARWICK DOWLER		EVAN BLACK
			JOB NUMBER	3092
RE	FRASERS PUTNEY HILL			TOTAL PAGES
	CANARY ISLAND DATE PALM TRANSPLANTING			1
	TO VICTORIA ROAD FRONTAGE			

Dear Brendan,

We refer to the discussions regarding the landscape frontage to the Putney Hill development on Victoria Road.

Please find attached cross sectional studies based on the architects cross sections which indicate the relationship of the proposed transplanted Figs to the buildings and road frontage at the western (section AA) and eastern (section BB) ends of the building.

We confirm the following:

1.0 Generally

- The planting zone is deep soil extending from the edge of the verge footpath to the wall of the basement carpark
- This zone is a wedge shape adjoining the building ranging from 5302m at the western end to 7271m at the eastern end
- The rootball size for the transplanted Figs can nominally be expected to be 1500mm diameter by 900-1200mm deep
- The Palms will be prepared on site for transplanting
- Generally the crown foliage will be thinned - the greatest loss of water in newly dug palms occurs from transpiration through the leaves. To minimize this, one half or more of the older leaves will be removed at the time of digging
- The verge treatment is kerb, 1200mm turfed zone, 1200mm concrete pathway, 600mm planted zone up to boundary. It is proposed to plant and maintain this 600mm zone as part of the landscape setback. Maintenance will be by the building owners corporation.
- The RTA nominates require setbacks for "non frangible" trees on State Roads. For the 60km speed environment the required setback is 3.0m. The proposed planting zone of the transplanted Palms has them at 4500m (to their centre) average from the kerb - note also that the kerbside lane to building 4A is a deceleration lane - not a standard travel lane

2.0 Section AA Western end building

- The Palm plantings at the western end of the building straddle the corner - as such there is one planting beyond the building (labeled as i. on plan and dashed on the section) and one to the west of the section line AA shown as ii. on plan and grey on the section)
- The Palm plantings thus avoid the narrowest section of the landscaped setback
- Palm i. is clear (to the west) of the building structure
- Palm ii. lies approximately 2563mm (to its centre) off the outside line of the basement wall
- The upper level balconies are approximately 1224mm (to its centre) from Palm ii.
- Some limited ongoing frond management may be required to Palm ii. in the vicinity of the balcony to be undertaken by the building owners corporation

3.0 Section BB Eastern end building

- The Palm planting at the eastern end of the building (labeled as iii. on the plan) lies adjacent the building corner
- This Palm lies approximately 4518mm (from its centre) off the outside line of the basement wall
- The upper level balconies are approximately 4076mm (to its centre) from the palm

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4.0 Conclusions

The available deep soil planting area is we believe acceptable for transplanting of the existing Palms and for healthy sustainable growth.

Some limited ongoing frond management may be required to Palm iii. as labeled on the plan where fronds are in the vicinity of adjoining balcony. This maintenance would be undertaken by the building owners corporation

We trust that this addresses your queries. If you have any queries please don't hesitate to contact our office on 9281 7007.

A handwritten signature in black ink, appearing to read 'Adam Hunter', with a stylized flourish at the end.

Kind regards,
Adam Hunter
Director
For Environmental Partnership (NSW) Pty Ltd



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	PLANTING ON SLAB TO 2A COURTYARD			

Dear Brendan,

We refer to your email of 11/01/13 requesting some further information on proposed on slab planting to the 2A Courtyard.

The attached drawing indicates cross sections at several locations representing the approach to planting on slab.

Planting approach on Slab

We summarise the planting approach to the 2A courtyard as follows:

- Soil depth of between 1.2-1.5m will be provided to all areas supporting proposed tree planting on slab
- Other adjoining on slab planting areas not supporting tree planting (ie shrubs and groundcovers) may be down to minimum 600mm on slab soil depth
- Depth shall be achieved by a combination of the following as indicated on the attached indicative cross sections:
 - setdowns from pavement or turfed level to slab
 - low walling adjoining garden beds
 - sloped profile of garden bed (maximum 1v:3h)
- Carpark slab will be engineered for ultimate soil, tree, and root mass requirements
- Planted zones will be provided with on slab drainage requirements including waterproofing, drainage outlets, drainage cell, and filter fabric

We trust that this addresses your queries. If you have any queries please don't hesitate to contact our office on 9281 7007.

Kind regards,
Adam Hunter
Director
For Environmental Partnership (NSW) Pty Ltd

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