Randwick Campus Redevelopment - Arboricultural Impact Assessment

Legend

Study Area

Tree Impacts and Assessment Area

- High Impact Trees assessed in DA
- High ImpactTrees assessed in REF
- High Impact Trees assessed in SSD
- High Impact Trees assessed in both DA and SSD
- High Impact Trees assessed in Eurimbla Avenue REF
- Medium Impact Trees assessed in Original REF
- Medium Impact Trees assessed in both Original REF and SSD
- Low Impact Trees assessed in DA
- Low Impact Trees assessed in both DA and SSD
- Low Impact Trees assessed in both Original REF and SSD
- Trees not assessed due to access restrictions
- Trees assessed in groups
- Group Trees

Inset

Study Area

Summary of Arborist Impact Assessments for All Reports / Planning Approvals

Reports / Planning Approvals	Assessed Trees			Future Assessment (Access restictions)	Total
	High Impact	Medium Impact	Low Impact		
AIA Early and Enabling Works REF	13	3	-	-	16
AIA Demolition and Site Clearance DA	45	-	17	-	62
AIA Eurimbla Avenue Demo & Site Clearance REF	30	-	-	-	30
AIA ASB Environmental Impact Statement SSDA	9	-	-	-	9
AIA ASB Environmental Impact Statement SSDA & AIA Early and Enabling Works REF	-	7	1	-	8
AIA ASB Environmental Impact Statement SSDA & AIA Demolition and Site Clearance DA	2	-	2	-	4
Future Assessment (Access restictions)	-	-	-	67	67
TOTALS	99	10	20	67	**196**

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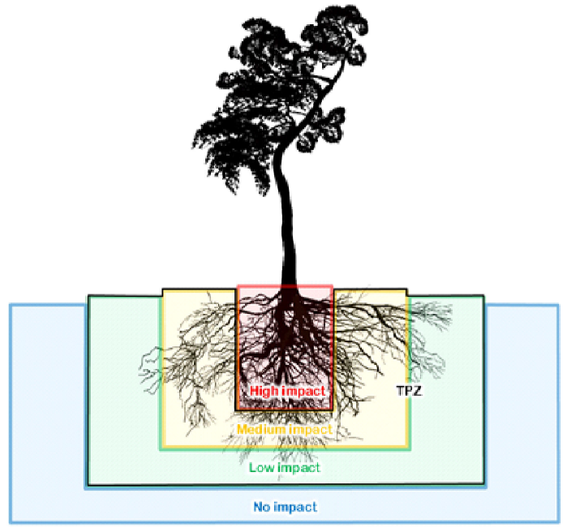

Tree protection zone (TPZ): The TPZ is the combination of crown and root area (as defined by AS 4970-2009) that requires restriction of access during the construction process. Tree sensitive construction measures must be implemented if works are to proceed within the Tree Protection Zone.

Structural root zone (SRZ): The SRZ is the area of the root system (as defined by AS 4970-2009) used for stability, mechanical support and anchorage of the tree. It is critical for the support and stability of trees. Severance of roots within the SRZ is not recommended as it may lead to the destabilisation and/or decline of the tree.

Impacts to the TPZ

No Impact (0%): No likely or foreseeable encroachment within the TPZ.

Low Impact (<10%): If the proposed encroachment is less than 10% (total area) of the TPZ, and outside of the SRZ, detailed root investigations should not be required. The area lost to this encroachment should be compensated for elsewhere, and be contiguous with the TPZ.

Medium Impact (>20%): If the proposed encroachment is greater than 10% of the TPZ and outside of the SRZ, the project arborist must demonstrate that the tree(s) remain viable. The area lost to this encroachment should be compensated for elsewhere, and be contiguous with the TPZ. All work within the TPZ must be carried out under the supervision of the project arborist.

High Impact (<20%): If the proposed encroachment is greater than 20% of the TPZ the SRZ may be impacted. Tree sensitive construction techniques may be used for minor works within this area providing no structural roots are likely to be impacted, and the project arborist can demonstrate that the tree(s) remain viable. Root investigation by non-destructive methods is essential for any proposed works within this area.