

#### **4.2.7 Soil Compaction**

The affects of soil compaction are often the most arboriculturally significant impact of the construction process. Reducing traffic volumes and limiting the access to specific tracks will reduce the affect on adjacent trees.

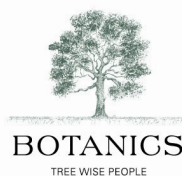
Should heavy and regular vehicular access be required within the PRZ of a retained tree be required an access track should be formed using large diameter railway ballast (100mm) over a geofabric or a corduroy of heavy timbers.

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

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#### **LIMITATIONS ON THE USE OF THIS REPORT**

This report is to be used in its entirety only. Any written or verbal submission, report or presentation that includes statements taken from the findings, discussions, conclusions or recommendations made in this report, may only be used where the whole of the original report (or a copy) is referenced in, and directly attached to threat submission.



Tree No	Genus and Species	Common name	Height (m)	Spread (m)	Trunk Diameter (cm)	Tree Protection Zone	Retention value	Recommendation	Observations and comments
1	<i>Cedrus deodara</i>	Deodar Cedar	9	9	60	NA	B	Remove	A semi mature example of the species covered in Ivy
2	<i>Liquidambar straciflua</i>	Sweet Gum	7	5	50cm	NA	B	Remove	A semi mature tree located within the CIZ and covered in Ivy.
3	<i>Sapium sebiferum</i>	Chinese Tallow Tree	8	5	60cm	NA	B	Remove	A fully mature example of the species that has been regularly reduction pruned.
4	<i>Lophostemon confertus</i>	Brush Box	7	4	30cm	3	B	Retain	A semi mature street tree located outside the CIZ and can be retained.
5	<i>Melia azedarach</i>	White Cedar	6	4	26cm	NA	D	Remove	Co dominant trunk with inclusion at ground level. Remove irrespective of the proposed development.
6	<i>Prunus x blireana</i>	Double Flowering Plum	4	4	25cm	NA	C	Remove	1 of 2 semi mature examples of the species located within the CIZ
7	<i>Prunus x blireana</i>	Double Flowering Plum	6	4	27cm	NA	C	Remove	As above.
8	<i>Elaeocarpus reticulatus</i>	Blue berry Ash	6	4	X 3 30cm	NA	C	Remove	A semi mature example of the species located within the CIZ. Included bark at base and would be recommended for removal irrespective of the proposed development.
9	<i>Casantospermum australe</i>	Morton Bay Chestnut	11	8	70cm	NA	B	Remove	A larger tree located predominantly within the vacant block. Co dominant at 1.3m
10	<i>Melaleuca quinquinervia</i>	Paperbark	9	3	27cm	3	B	Remove	A semi mature example of the species located within the CIZ and required for removal.