

## Martin Peacock Tree Care Arboricultural & Horticultural Consultancy

### Royal Prince Alfred Hospital

# <u>Arboricultural Impact Assessment Report (Revision B)</u> <u>Western Medical Gas Storage Compound</u>

Prepared by: Martin Peacock Tree Care

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#### 1.0 Introduction

- 1.1 This Revision B of the Arboricultural Impact Assessment Report has been prepared for Royal Price Alfred Hospital in relation to development works associated with the upgrade of the Medical Gas Storage Compound (the site) within the western hospital campus.
- 1.2 Nine (9) trees growing within the site have been assessed in the preparation of this Report. Refer, Appendix A Tree Location Plan.
- 1.3 This Report is based on the following plans/documentation:
  - Review of Environmental Factors (Version 2) prepared by Health Infrastructure, dated 08.03.23
  - REF 5 West Campus Medical Gas Civil Report (Rev 4) prepared by TTW, dated 06.02.24
  - Architectural Plans REF 5 (Revision H) prepared by Jacobs, dated 05.02.24
  - Remediation Action Plan Landscape Area, Medical Gas Loading Bay Area, West Campus of RPA – prepared by Santec, dated 10.02.23
- 1.4 Martin Peacock (Martin Peacock Tree Care) visited the site on the 19th of January 2023 and assessed the trees and their growing environment.

#### 2.0 Tree Assessment

- 2.1 The trees were assessed in accordance with the industry standard Visual Tree Assessment (VTA)<sup>1</sup> methodology. Full details of the tree assessment are listed in *Appendix C Tree Assessment Schedule*.
- Trees T1-T9 are small specimens with low arboricultural and landscape value. All the trees have been allocated a Retention Category of Consider for Removal.

#### 3.0 Conclusion

- 3.1 The supplied plans show trees T1-T9 are to be removed as they either: fall within the required exclusion zone for the gas storage tanks, or for site access requirements, or for soil remediation requirements.
- 3.2 The removal of Trees T1-T9 should be offset with the planting of replacement trees in alternative locations within the Hospital campus. The development of the eastern campus includes extensive landscaping (including tree planting) which provides opportunities for the offsetting of tree removals.

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<sup>&</sup>lt;sup>1</sup> Visual Tree Assessment – Mattheck & Breoler 1994

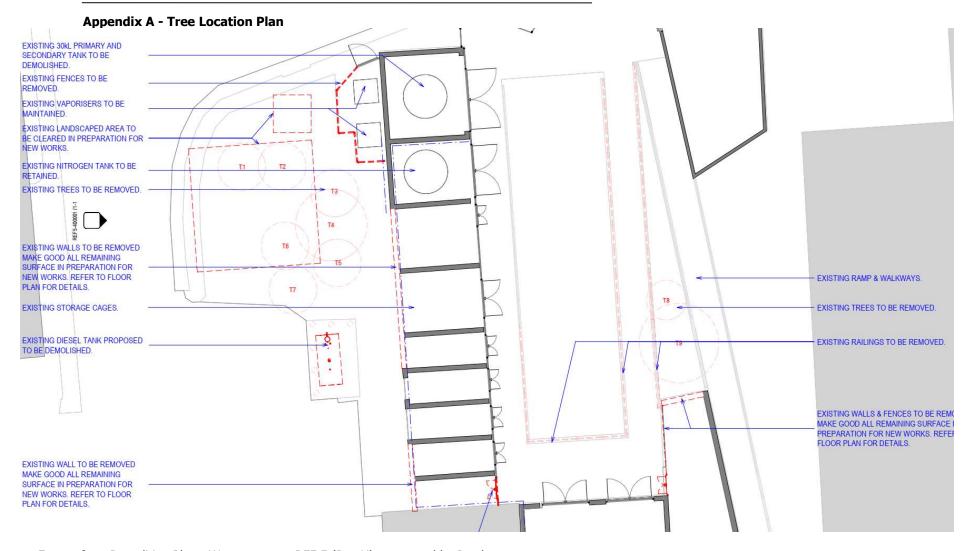
3.3 The removal of Trees T1-T9 should be undertaken by a qualified arborist (minimum qualification - AQF level 3) covered by adequate third party, public liability insurance. Arborists and ground staff should comply with the *Work Cover Code of Practice for the Amenity Tree Industry*.



Meach

BSc (hons.) Arboriculture (UK) Higher National Diploma Arboriculture (UK) National Diploma Horticulture (Arb.) (UK) Diploma Horticulture (Landscape Design) (AUS)





Extract from Demolition Plan - West campus - REF 5 (Rev H) - prepared by Jacobs

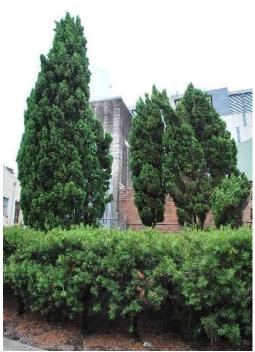
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#### Appendix B - Photographs



1: Trees T1-T3



2: Trees T6 & T7



3: Trees T8 & T9

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#### **Appendix C – Tree Assessment Schedule**

Site: Medical Gas Storage Compound (Western Campus) Date of survey: 19.01.23

Tree	Species	Age	DBH	Height	Crown	Physiological	Structural	Useful Life	Retention	TPZ	SRZ
ref.		Class	(mm)	(m)	Spread	Condition	Condition	Expectancy	Category	(m)	(m)
no.					(R-m)			(years)			
T1	Cupressus sempervirens	Early	175	6	1	Good	Good	15-40	С	2.1	1.6
		Mature							Consider for		
	(Italian Cypress)			_					removal		
T2	Cupressus sempervirens	Early	100	5	1	Good	Good	15-40	C	2.0	1.5
	(T. I. C. )	Mature							Consider for		
	(Italian Cypress)		1=0					45.40	removal	2.0	
T3	Cupressus sempervirens	Early	150	6	1	Good	Good	15-40	C	2.0	1.5
	(Thelian Common)	Mature							Consider for		
T.4	(Italian Cypress)		425			0 1	6 1	45.40	removal	2.0	
T4	Cupressus sempervirens	Early	125	6	1	Good	Good	15-40	C Consider for	2.0	1.5
	(Italian Comress)	Mature	100						removal		
T5	(Italian Cypress)	Faul.	150	_	-	Cand	Good	15-40		2.0	1.5
15	Cupressus sempervirens	Early Mature	150	5	1	Good	Good	15-40	C Consider for	2.0	1.5
	(Italian Cypress)	Mature							removal		
	(Italian Cypress)		Comm	onts / Dra	liminary ma	l anagement recor	mmendations		Terriovai		
T1	Small specimen with low land	ccano valuo	COITIII	iciits / Fie	ilitilitiai y itio	anagement recor	imendations				
'1	Small specimen with low land:	scape value.									
T2	Small specimen with low land	scane value.									
	Single Specimen Than 1811 Island	ocupo raido.									
T3	Small specimen with low land	scape value.									
		•									
T4	Small specimen with low landscape value.										
T5	Small specimen with low land	scape value.									
		p									

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Species	Age	DBH	Height	Crown	Physiological	Structural	Useful Life	Retention	TPZ	SRZ
	Class	(mm)	(m)	Spread (R-m)	Condition	Condition	Expectancy (years)	Category	(m)	(m)
Cupressus sempervirens (Italian Cypress)	Early Mature	100 50	3	1	Good	Poor	5-15	C Consider for removal	2.0	1.5
Cupressus sempervirens (Italian Cypress)	Early Mature	125	5	1	Good	Poor	5-15	C Consider for removal	2.0	1.5
Ceratopetalum gummiferum (NSW Christmas Bush)	Late Mature	250 @ grade	2	1	Fair	Fair	5-15	C Consider for removal	3.0	1.8
Lagerstroemia indica (Crepe Myrtle)	Mature	300 @ grade	4	2	Good	Good	15-40	C Consider for removal	3.6	2.0
Small specimen with low lands	cape value.	45-degree	trunk lean	due to par	tial root plate fail	lure.				
Small specimen with low landscape value. 15-degree trunk lean due to partial root plate failure.										
Small specimen comprising of coppice regrowth from decayed stump. Low landscape value.										
Small specimen with low landscape value.										
	(Italian Cypress)  Cupressus sempervirens  (Italian Cypress)  Ceratopetalum gummiferum  (NSW Christmas Bush)  Lagerstroemia indica  (Crepe Myrtle)  Small specimen with low lands  Small specimen comprising of a	Cupressus sempervirens  (Italian Cypress)  Cupressus sempervirens  (Italian Cypress)  Ceratopetalum gummiferum  (NSW Christmas Bush)  Lagerstroemia indica  (Crepe Myrtle)  Small specimen with low landscape value.  Small specimen comprising of coppice reg	Cupressus sempervirens  (Italian Cypress)  Cupressus sempervirens  (Italian Cypress)  Ceratopetalum gummiferum  (NSW Christmas Bush)  Lagerstroemia indica  (Crepe Myrtle)  Comm  Small specimen with low landscape value. 15-degree  Small specimen comprising of coppice regrowth from	Cupressus sempervirens  (Italian Cypress)  Cupressus sempervirens  (Italian Cypress)  Ceratopetalum gummiferum  (Italian Cypress)  Ceratopetalum gummiferum  Late	Cupressus sempervirens  (Italian Cypress)  Cupressus sempervirens  (Italian Cypress)  Ceratopetalum gummiferum  (NSW Christmas Bush)  Lagerstroemia indica  (Crepe Myrtle)  Comments / Preliminary ma  Small specimen with low landscape value. 15-degree trunk lean due to part  Small specimen comprising of coppice regrowth from decayed stump. Low	Cupressus sempervirens  (Italian Cypress)  Cupressus sempervirens  Early Mature  (Italian Cypress)  Ceratopetalum gummiferum  (NSW Christmas Bush)  Lagerstroemia indica  (Crepe Myrtle)  Comments / Preliminary management recore  Small specimen with low landscape value. 15-degree trunk lean due to partial root plate fai  Small specimen comprising of coppice regrowth from decayed stump. Low landscape value.	Cupressus sempervirens  (Italian Cypress)  Cupressus sempervirens  Early Mature  Mature  (Italian Cypress)  Cupressus sempervirens  Early Mature  (Italian Cypress)  Ceratopetalum gummiferum  Late Mature grade  (NSW Christmas Bush)  Lagerstroemia indica  (Crepe Myrtle)  Comments / Preliminary management recommendations  Small specimen with low landscape value. 45-degree trunk lean due to partial root plate failure.  Small specimen comprising of coppice regrowth from decayed stump. Low landscape value.	Cupressus sempervirens  (Italian Cypress)  Cupressus sempervirens  Early Mature 50  Cupressus sempervirens  (Italian Cypress)  Early Mature  (Italian Cypress)  Ceratopetalum gummiferum  Late grade  (NSW Christmas Bush)  Lagerstroemia indica Mature grade  (Crepe Myrtle)  Comments / Preliminary management recommendations  Small specimen with low landscape value. 15-degree trunk lean due to partial root plate failure.  Small specimen comprising of coppice regrowth from decayed stump. Low landscape value.	Cupressus sempervirens  Early Mature 50 3 1 Good Poor 5-15 C Consider for removal  Cupressus sempervirens  Early Mature 50 Barly 125 5 1 Good Poor 5-15 C Consider for removal  Cupressus sempervirens  (Italian Cypress)  Ceratopetalum gummiferum Late grade Mature grade  (NSW Christmas Bush)  Lagerstroemia indica Mature 300 @ 4 2 Good Good 15-40 C Consider for removal  Cerepe Myrtle)  Comments / Preliminary management recommendations  Small specimen with low landscape value. 45-degree trunk lean due to partial root plate failure.  Small specimen comprising of coppice regrowth from decayed stump. Low landscape value.	Cupressus sempervirens (Italian Cypress)  Cupressus sempervirens (Italian Cypress)  Cupressus sempervirens (Italian Cypress)  Cupressus sempervirens (Italian Cypress)  Ceratopetalum gummiferum (NSW Christmas Bush)  Lagerstroemia indica (Crepe Myrtle)  Comments / Preliminary management recommendations  Small specimen with low landscape value. 15-degree trunk lean due to partial root plate failure.  (R-m) (Rem) (Geod (Poor 5-15 (Consider for removal (Consider

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