Martin Peacock Tree Care
Arboricultural & Horticultural Consultancy

Royal Prince Alfred Hospital

Arboricultural Impact Assessment Report (Revision B)
Western Medical Gas Storage Compound

Prepared by: Martin Peacock Tree Care
Date: 14th February 2024
Phone: 0405 221 056
Email: martin@martinpeacocktreecare.com.au
Web: www.martinpeacocktreecare.com.au

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)[1] methodology. Full details of the tree assessment are listed in *Appendix C - Tree Assessment Schedule*.

2.2 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.

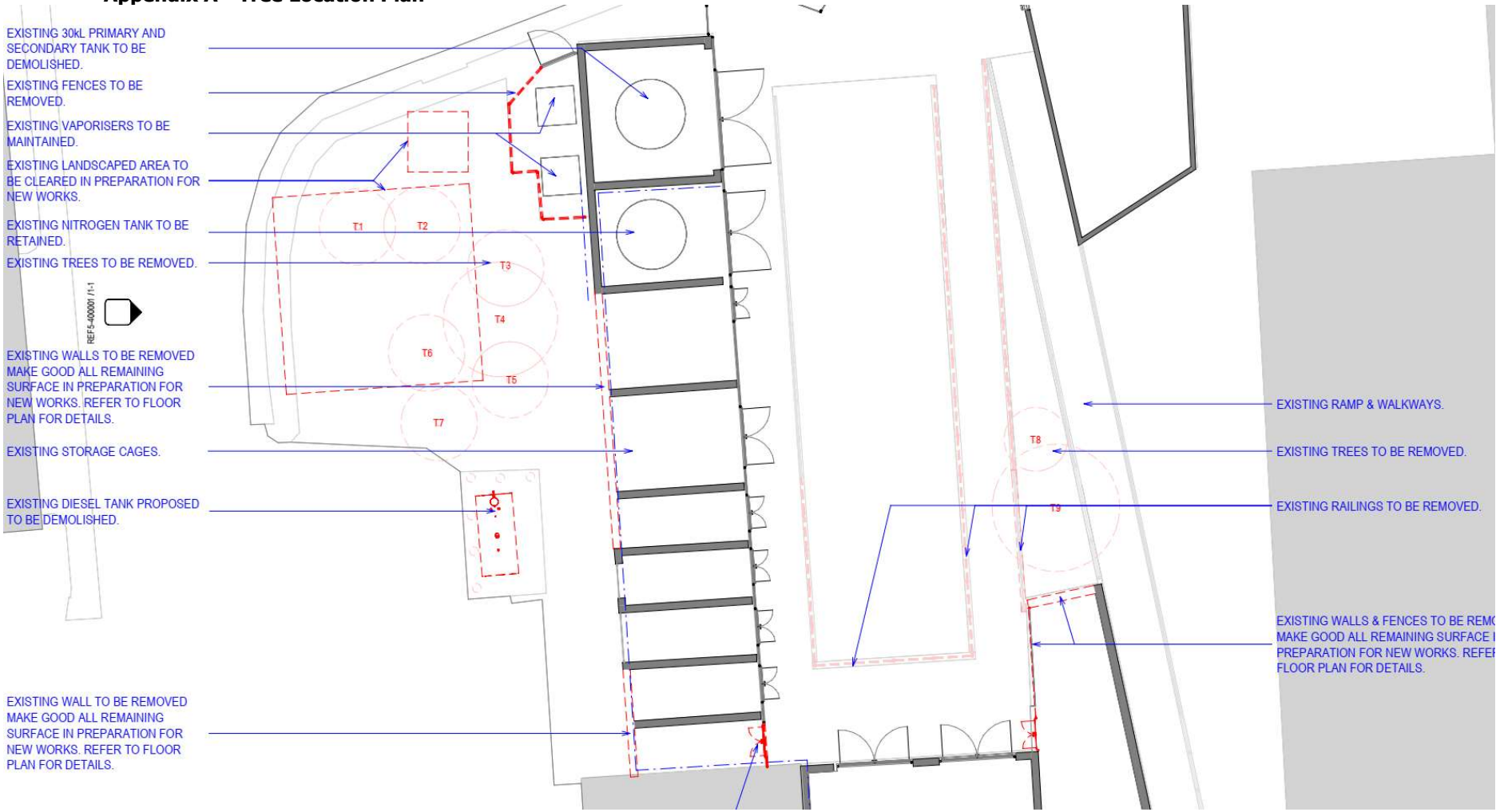
[1] Visual Tree Assessment – Mattheck & Breoler 1994

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*.

Martin Peacock

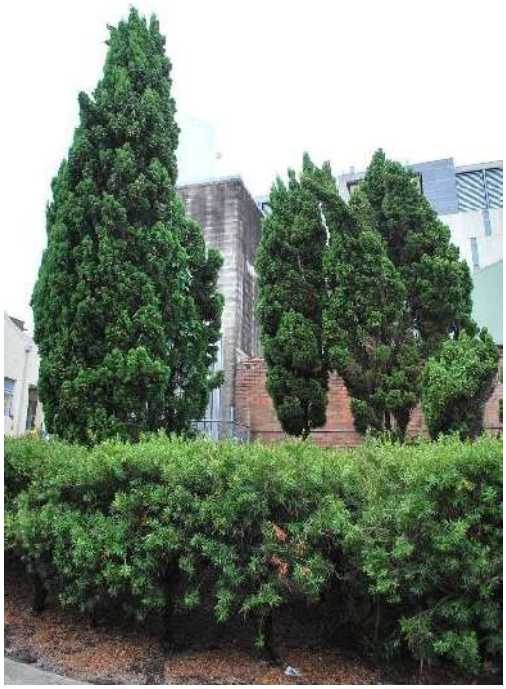
BSc (hons.) Arboriculture (UK)
Higher National Diploma Arboriculture (UK)
National Diploma Horticulture (Arb.) (UK)
Diploma Horticulture (Landscape Design) (AUS)

Appendix A - Tree Location Plan



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

Appendix B – Photographs


1: Trees T1-T3


3: Trees T8 & T9


2: Trees T6 & T7

Appendix C – Tree Assessment Schedule

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

Tree ref. no.	Species	Age Class	DBH (mm)	Height (m)	Crown Spread (R-m)	Physiological Condition	Structural Condition	Useful Life Expectancy (years)	Retention Category	TPZ (m)	SRZ (m)
T1	*Cupressus sempervirens* (Italian Cypress)	Early Mature	175	6	1	Good	Good	15-40	C Consider for removal	2.1	1.6
T2	*Cupressus sempervirens* (Italian Cypress)	Early Mature	100	5	1	Good	Good	15-40	C Consider for removal	2.0	1.5
T3	*Cupressus sempervirens* (Italian Cypress)	Early Mature	150	6	1	Good	Good	15-40	C Consider for removal	2.0	1.5
T4	*Cupressus sempervirens* (Italian Cypress)	Early Mature	125 100	6	1	Good	Good	15-40	C Consider for removal	2.0	1.5
T5	*Cupressus sempervirens* (Italian Cypress)	Early Mature	150	5	1	Good	Good	15-40	C Consider for removal	2.0	1.5

	Comments / Preliminary management recommendations
T1	Small specimen with low landscape value.
T2	Small specimen with low landscape value.
T3	Small specimen with low landscape value.
T4	Small specimen with low landscape value.
T5	Small specimen with low landscape value.

Tree ref. no.	Species	Age Class	DBH (mm)	Height (m)	Crown Spread (R-m)	Physiological Condition	Structural Condition	Useful Life Expectancy (years)	Retention Category	TPZ (m)	SRZ (m)
T6	*Cupressus sempervirens* (Italian Cypress)	Early Mature	100 50	3	1	Good	Poor	5-15	C Consider for removal	2.0	1.5
T7	*Cupressus sempervirens* (Italian Cypress)	Early Mature	125	5	1	Good	Poor	5-15	C Consider for removal	2.0	1.5
T8	*Ceratopetalum gummiferum* (NSW Christmas Bush)	Late Mature	250 @ grade	2	1	Fair	Fair	5-15	C Consider for removal	3.0	1.8
T9	*Lagerstroemia indica* (Crepe Myrtle)	Mature	300 @ grade	4	2	Good	Good	15-40	C Consider for removal	3.6	2.0

Comments / Preliminary management recommendations	
T6	Small specimen with low landscape value. 45-degree trunk lean due to partial root plate failure.
T7	Small specimen with low landscape value. 15-degree trunk lean due to partial root plate failure.
T8	Small specimen comprising of coppice regrowth from decayed stump. Low landscape value.
T9	Small specimen with low landscape value.