



“GROWING MY WAY”

Tree Consultants

Established 1977

EXCELLENCE in ALL ASPECTS OF TREE MANAGEMENT

FULL INSURANCE PROTECTION

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March 2025

Yasmina Elshafei (Property Owner)
Casey Brown Architecture Pty Ltd (DA applicant)
Level 1 63 William Street
DARLINGHURST NSW 2010

Arboriculture Impact Assessment – Section 4.55 Development Application

(Northern Beaches Council Mod2024/0458)

SITE: 90 Cabbage Tree Road Bayview NSW 2104

SUMMARY:

The Growing My Way Tree Consultants practice confirms the Section 4.55 proposal does not impact in any manner upon any previously discussed tree (not detailed within this document).

Trees captured by the Section 4.55 proposal are discussed with respect to management within this document.

No discussed tree within this document can interpreted to be impacted upon in a manner that cannot reasonably be predicted as being manageable.

Yasmina Elshafei as the property owner (90 Cabbage Tree Road Bayview NSW 2104) via Casey Brown Architecture commissioned Growing My Way (from herein GWM) to prepare this document linked to a soon to be lodged DA modification to the determined Section 4.55 Development Application Modification (Mod2024/0458).

This modification only is linked to the proposed additional structure, *Art Studio*.

We reference; Plans, Elevations Sections etc., by Casey Brown Architecture, dated 19 February 2025 (Attachment C) for the new S4.55 proposal.

The subject site was most recently inspected on Saturday, 15 March 2025 by Kyle Hill & Ao Wang, representatives of the Growing My Way Tree Consultants practice (from herein GMW), in our capacity as the Project Arborist of previous lodged DA Modification (Mod2024/0458).

This document acknowledges the GMW practice as having prepared the original S4.55 submission, "Arboriculture Impact Assessment Report of August 2024". All tree numbers within this are consistent with the referenced report.

This document is only discussed the trees impact by modification of the proposed pool surrounding structure to be known as Tree #4, Tree #5 & Tree #8. (Tree detail

see Attachment A: Tree table, Attachment B Tree photographs)

The below trees are the only trees subject to this document:

Tree #4: *Acronychia oblongifolia* (White Aspen)

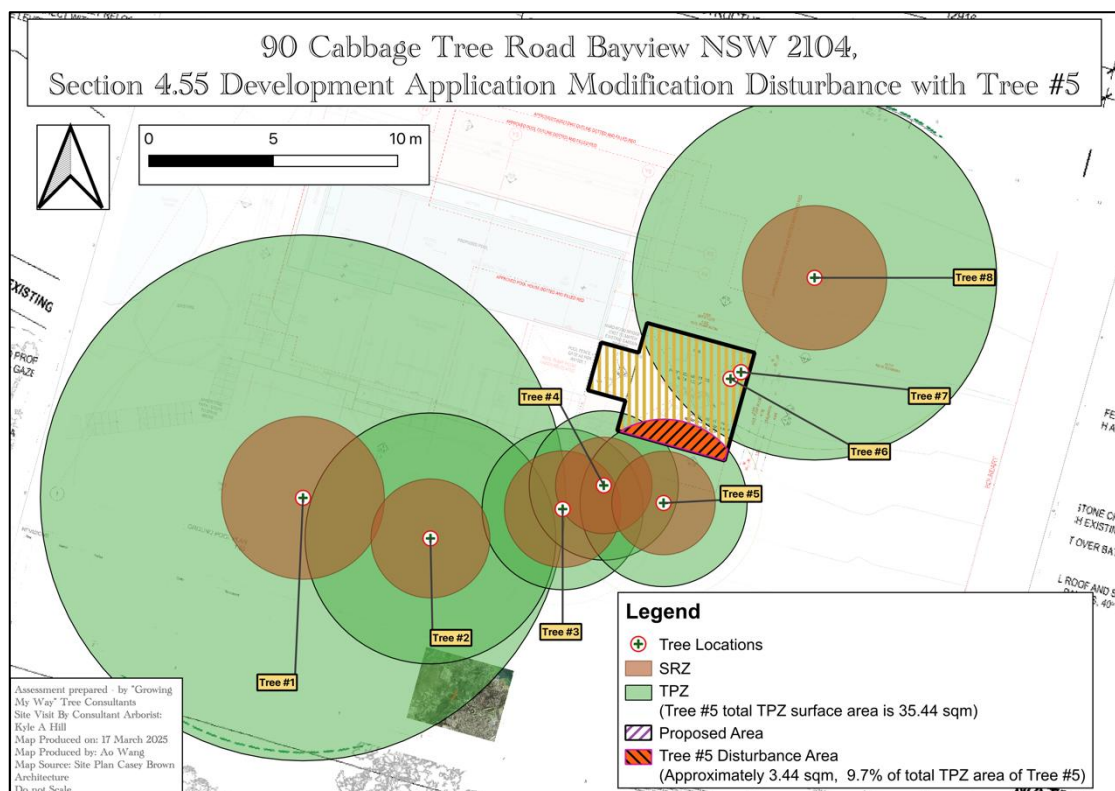
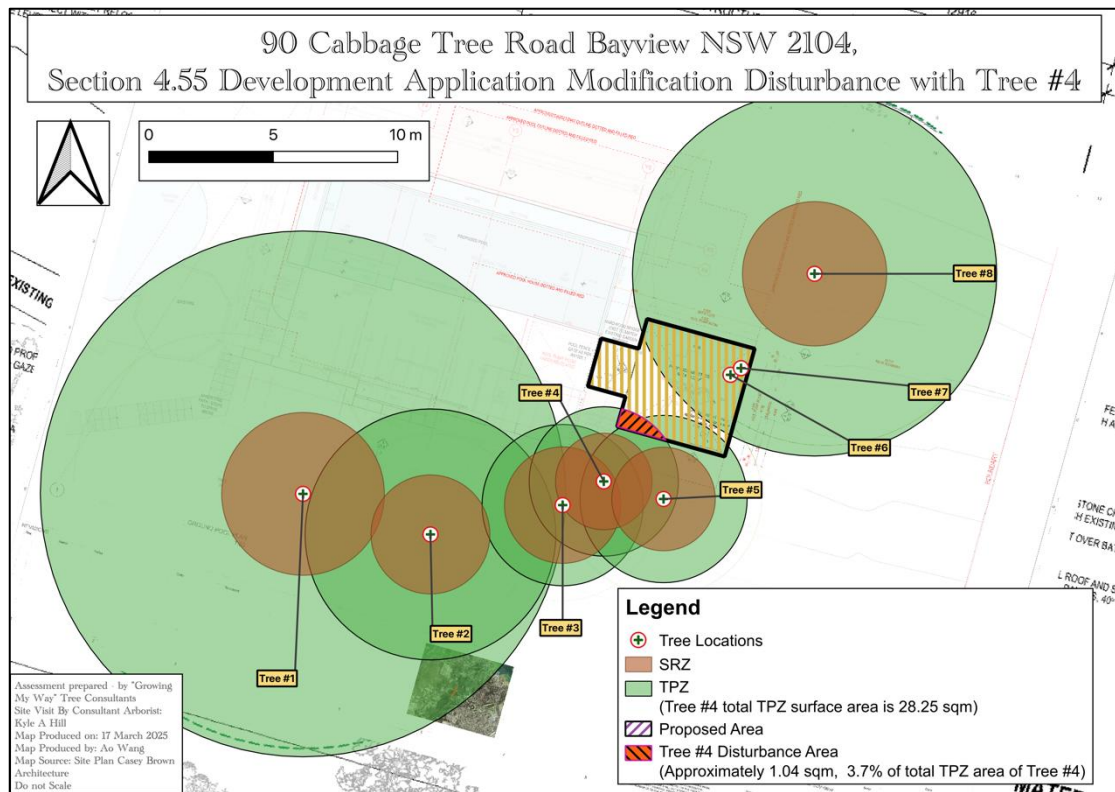
Tree #5: *Acronychia oblongifolia* (White Aspen)

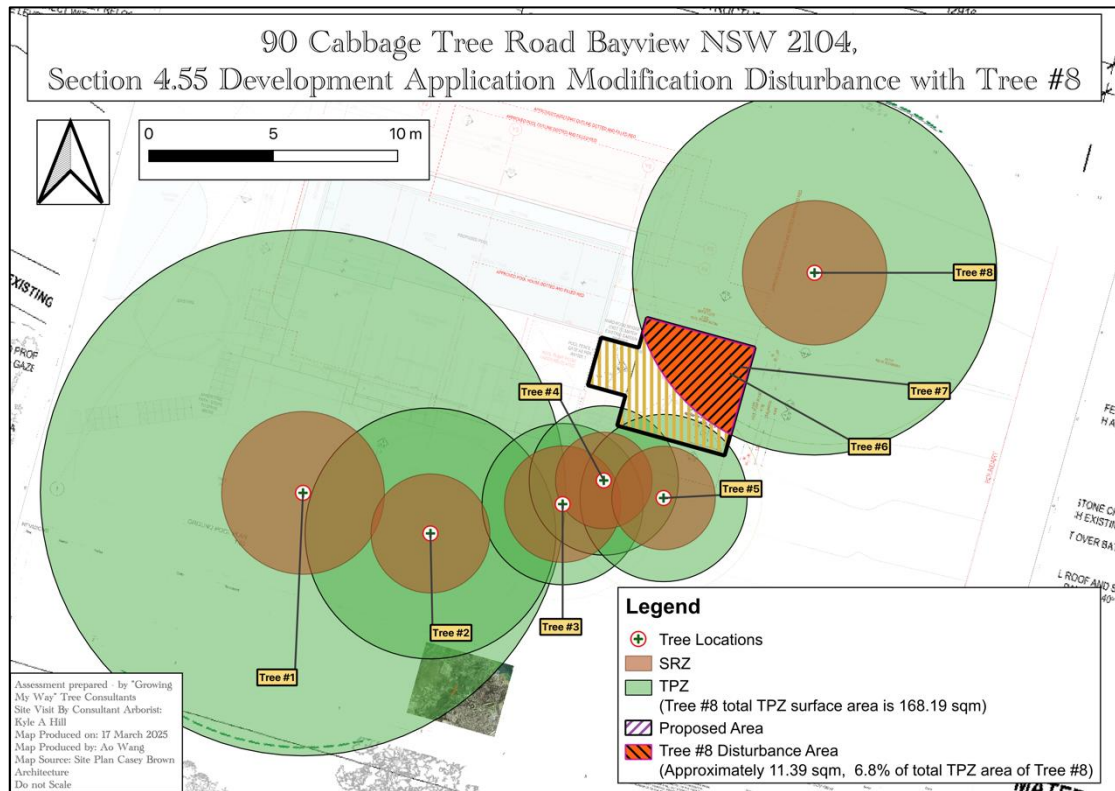
Tree #8: *Eucalyptus paniculata* (Grey Ironbark)

Tree #4, Tree #5 & Tree #8 are again confirmed to be located within the subject site near the pedestrian try to the area where the as proposed works is located.

Trees marked as Tree #6 & Tree #7 do not exist since last visit.

General Discussion / TPZ / SRZ Tree Disturbance Calculation Diagrams





Tree #4: *Acronychia oblongifolia* (White Aspen)

Tree #4 is located within the subject site near the south-eastern side of works underway.

The proposed Art Studio is confirmed to breach the TPZ total surface area for Tree #4.

By our calculation, the total TPZ surface area of Tree #4 is 28.25m². The proposed structure equates to an approximate 1.04m² mathematical disturbance of total TPZ surface area for Tree #4. This mathematically equates to approximately 3.7% of total TPZ surface area, (defined by AS4970-2009 as a Minor Encroachment).

Excavation required closet to Tree #4 is only for footings/piers to support the suspended portion of the Proposed Art Studio. Should any significant diameter 'live root/s' (greater than 50mm in diameter), be exposed that is unable to be avoided, the direct input & documentation with supporting evidence photographs from the retained project arborist is essential to confirm as close as possible to Best Arboriculture Practice strategy being applied.

Tree #4 is specified to require TPZ the installation of ‘temporary metal mash fencing with above ground level supports’ as well as a native tree mulch being instated within the subject site ground level where proposed works are within the Tree #4 total TPZ surface area.

In our opinion, with basic management, this tree is assessed as able to be viably retained.

Tree #5: *Acronychia oblongifolia* (White Aspen)

Tree #5 is located within the subject site near the south-eastern side of works underway.

The proposed new Art Studio is confirmed to breach the TPZ total surface area for Tree #5.

By our calculation, the total TPZ surface area of Tree #5 is 35.44m². The proposed structure equates to an approximate 3.44m² mathematical disturbance of total TPZ surface area for Tree #5. This mathematically equates to approximately 9.7% of total TPZ surface area, (defined by AS4970-2009 as a Minor Encroachment).

Excavation required closet to Tree #5 is only for footings/piers to support the suspended portion of the Proposed Art Studio. Should any significant diameter ‘live root/s’ (greater than 50mm in diameter), be exposed that is unable to be avoided, the direct input & documentation with supporting evidence photographs from the retained project arborist is essential to confirm as close as possible to Best Arboriculture Practice strategy being applied.

Tree #5 is specified to require TPZ the installation of ‘temporary metal mash fencing with above ground level supports’ as well as a native tree mulch being instated within the subject site ground level where proposed works are within the Tree #5 total TPZ surface area.

In our opinion, with basic management, this tree is assessed as able to be viably retained.

Tree #8: *Eucalyptus paniculata* (Grey Ironbark)

Tree #8 is located within the subject site near the north-eastern side of works underway.

The proposed Art Studio is confirmed to breach the TPZ total surface area for Tree #8.

By our calculation, the total TPZ surface area of Tree #8 is 168.19m². The proposed structure equates to an approximate 11.39m² mathematical disturbance of total TPZ surface area for Tree #8. This mathematically equates to approximately 6.8% of total TPZ surface area, (defined by AS4970-2009 as a Minor Encroachment).

Excavation required closet to Tree #8 is only for footings/piers to support the suspended portion of the Proposed Art Studio. Should any significant diameter 'live root/s' (greater than 50mm in diameter), be exposed that is unable to be avoided, the direct input & documentation with supporting evidence photographs from the retained project arborist is essential to confirm as close as possible to Best Arboriculture Practice strategy being applied.

Tree #8 is specified to require TPZ the installation of 'temporary metal mash fencing with above ground level supports' as well as a native tree mulch being instated within the subject site ground level where proposed works are within the Tree #8 total TPZ surface area.

In our opinion, with basic management, this tree is assessed as able to be viably retained.

Summary (Preliminary Site-Specific Plan of Tree Management):

Prior to the Commencement of and During Works

- *Ensure common boundary isolation fencing & mulch thickness is always intact.*
- *Tree #4, Tree #5 & Tree #8 are specified to require TPZ the installation of 'temporary metal mash fencing with above ground level supports' by AS4970-2009 provisions.*
- *Any 'live roots' of any diameter if exposed ideally should be covered if not by subject site topsoil, damp, hessian, or similar suitable geotextile matting to reduce any desiccation by exposure to direct sunlight.*

Post Completion of Works

- *Confirm the presence & condition of the required by the DA determination 'Conditions of Consent' individual trees required to be retained.*
- *The above is to be certified in writing with supporting photographic evidence as being DA determination 'Conditions of Consent' plus AS4970-2009 provisions compliant relative to all required to be retained trees.*
- *All documentation from each stage of works must be provided to the appointed Principle Certifying Authority as soon as is reasonably possible post each stage of works being completed.*

Each stage of works required management specifications can only be finalised, (i.e., a 'Condition of consent' for Site Specific Plan of tree Management) once a DA determination has been given by the consent authority, the NBC.

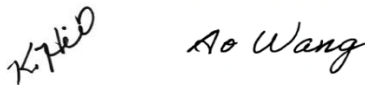
TPZ radial distance within the subject site temporary metal mesh fencing with above ground supports is not specified as works proposed will evolve in various stages. These work stages are located where this strategy would usually be specified. As such, we specify, the installation, retention (by refurbishment when necessary) of a 'native mulch' to a thickness of 50mm to 75mm.

Each stage of works required management specifications can only be finalised, (i.e., a 'Condition of consent' for Site Specific Plan of tree Management) once a DA determination has been given by the consent authority, the NBC.

As such, the construction company has instated standard swimming pool metal panels (1.20m tall) around the tree trunk base. We additionally note, the protected/isolated tree is a road reserve tree that is well away from any DA determined works. On this basis, in our opinion compliance has been achieved.

Should anyone with any questions require additional information please contact Kyle A Hill by either email (klyeahill@optusnet.com.au) or phone (61 412 221 962) during normal Monday thru Friday business hours.

Regards,

Handwritten signatures of Kyle A Hill and Ao Wang.

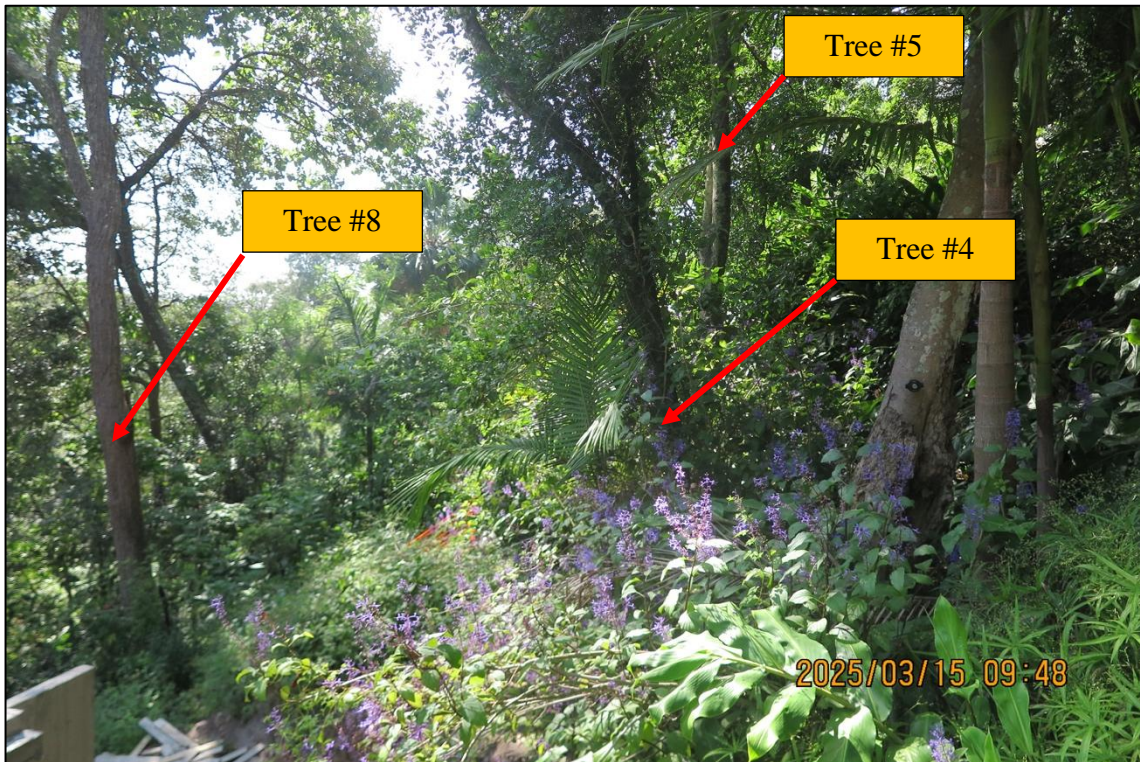
Kyle A Hill - AQF level 5, Diploma of Hort / Arb, (TAFE NSW & other) & AQF level 8, Post Graduate Certificate in Arboriculture, (Uni of Melb) Practicing/Consulting Arborist) with the assistance of Ao Wang (Master of Protected Area, Governance & Management (Uni of Tasmania) & Bachelor of Environmental Biotechnology (UTS, Syd)

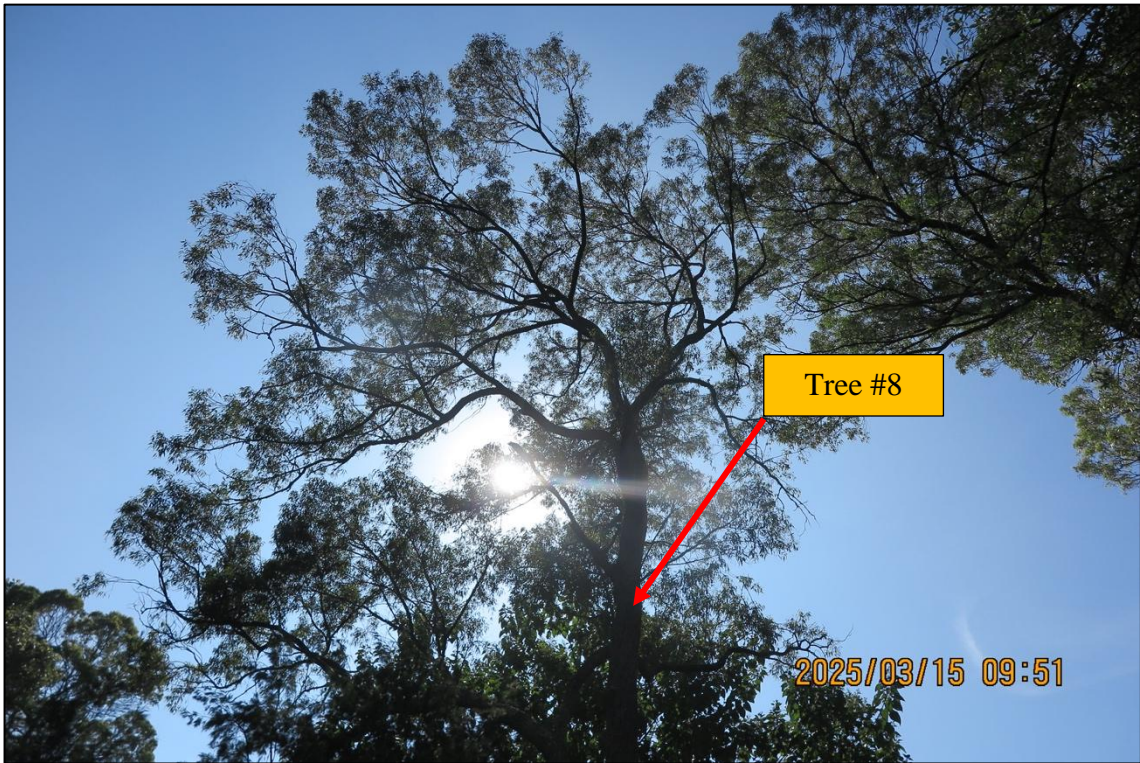
Attachment A: The Trees – Summary Table

Trees Recommended for removal							Trees Recommended for retention				
Exempt or Weed species							Trees retainable but of low amenity/significance				
	Identification	Height (m)	Crown (m)	DBH (m)	TPZ (m)	SRZ (m)	Age	Health/Vigour	Retention & Significance Value	Structure /Form	Comments
4	<i>Acronychia oblongifolia</i> (White Aspen)	<7.00	<6.00	0.25	3.00	1.94	M	Fair & Fair	Moderate & Moderate	Typical	<u>RETAIN, PROTECT & MANAGE</u> : Standard Temporary Fencing and Manual Excavation within TPZ radial distance is specified.
5	<i>Acronychia oblongifolia</i> (White Aspen)	<9.00	<7.00	0.28	3.36	2.08	M	Good & Good	Moderate & Moderate	Typical	<u>RETAIN, PROTECT & MANAGE</u> : Standard Temporary Fencing and Manual Excavation within TPZ radial distance is specified.
6	<i>Does Not Exist</i>										
7	<i>Does Not Exist</i>										
8	<i>Eucalyptus paniculata</i> (Grey Ironbark)	<16.50	<10.00	0.61	7.32	2.90		Good & Good	High & High	Typical	<u>RETAIN, PROTECT & MANAGE</u> : Standard Temporary Fencing and Manual Excavation within TPZ radial distance is specified.

Attachment B: Tree and Site Images:

Photographic below confirms tree canopy condition and TPZ installation to be DA determination & AS4970-2009 compliant.





Attachment C: Site plan:

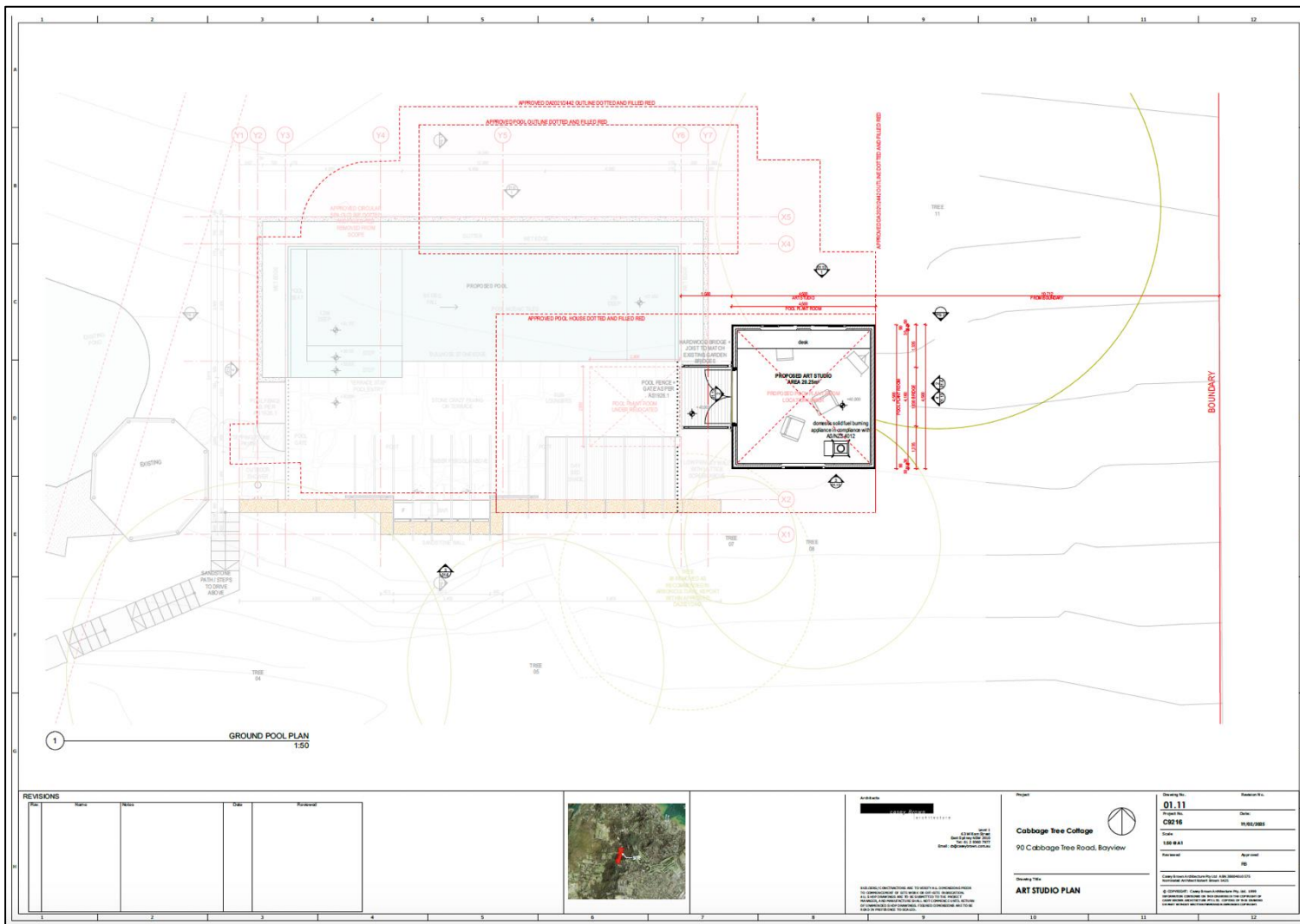
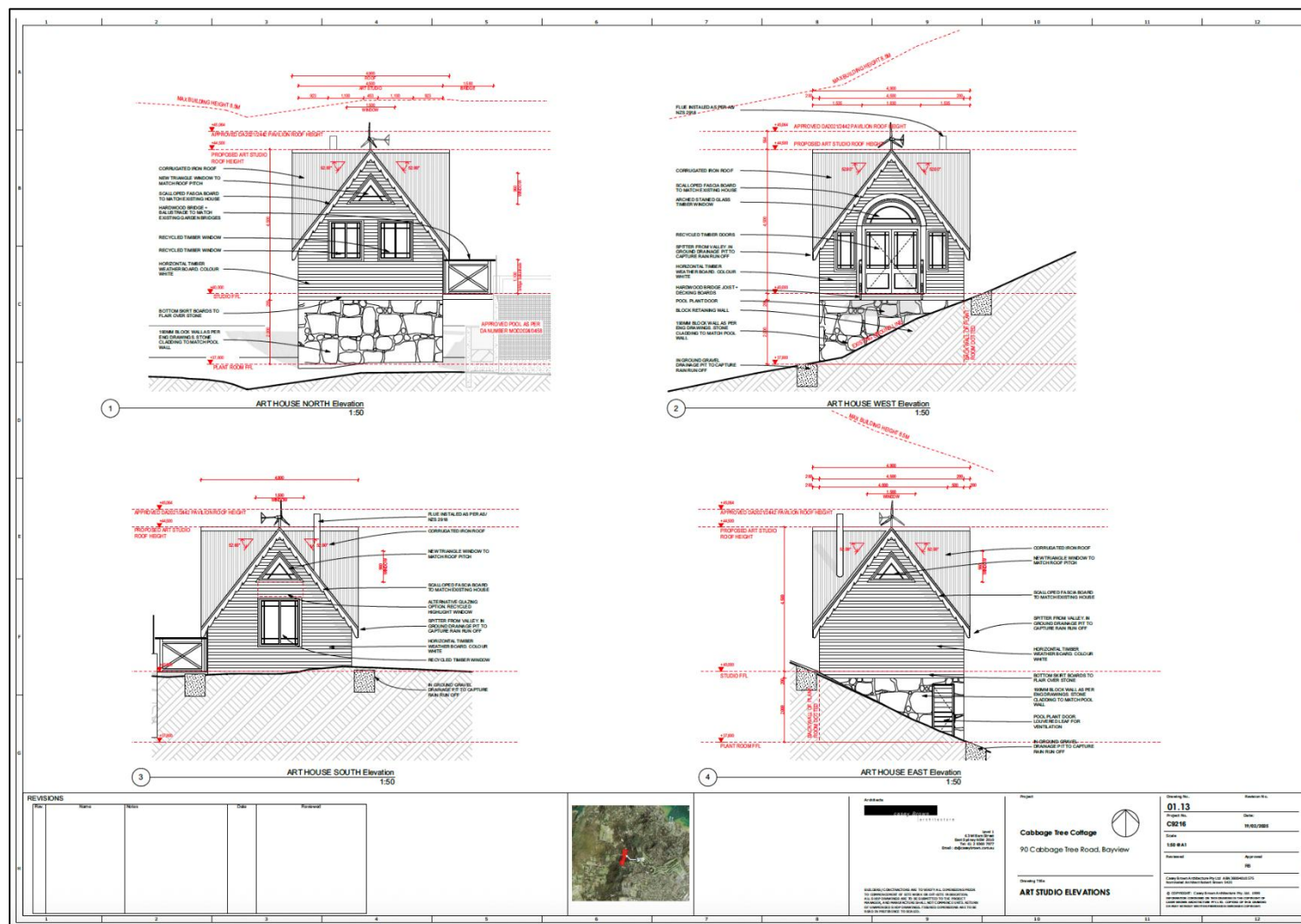


Figure 1: Art Studio plan



Attachment D:

CURRICULUM VITAE – December 2024

Kyle A. Hill

Phone: 0412 221 962

Email: kyleahill@optusnet.com.au

Education/Qualifications:

- Post Graduate Certificate-Arbiculture (AQF level 8)
- Diploma of Horticulture - Arboriculture (AQF level 5)
- Workplace Training & Assessment (AQF level 4)
- Certificate of Horticulture, (AQF level 4)
- Advanced Tree Surgery Certificate

Professional Development:

- 2021 & 2022: *VALID Risk – Benefit (Adelaide & Sydney)*
- 2020: *Tree Anatomy Workshop, Arborist Network*
- 2018: *Is it VALID? Tree defects, Decay & Decisions*
- 2018: *Frank Renn, Ryde TAFE*
- 2017: *Is it VALID? Tree defects, Decay & Decisions*
- 2013: *Quantified Tree Risk Assessment*
- 2013: *Tree Risk Assessment Qualification, ISA (updated 2018 & 2023)*

Employment History:

- 2014 - 2015: *Tree Management Officer, Lane Cove Council Part time*
- 2007 - 2022: *Senior Consultant Arborist, AURA Tree Services*
- 2000 - 2005: *Field consultant & technical sales manager. Plateau Tree Services*
- 1977 - 2005: *Founder of Growing My Way Tree Services (tree division)*
- 2000 - present: *Growing My Way Tree Services (consultancy division)*
- 1983 - 2017: *TAFE NSW, Part Time Lecturer*

Community Projects:

- 2006 - present: *Newport Residents Association, Roles have included Secretary, President, Vice President & Treasurer*
- *Garden Design & Development Committee, Maria Regina Primary School*
- *Garden Committee, Barrenjoey Montessori School*
- *Founding member Newport Beach Apex Club*

Professional Associations:

- *Arbiculture Australia, Founding Member & Ex Director (2010-2015)*
- *National Arborists Association (now Arb Aust.), Founding Member, Ex Board Member, Ex Vice President & Treasurer*
- *Consulting Arborists division of NAA, (now Arb. Aust.)*
- *Member International Society of Arboriculture, (USA)*
- *Member of Victorian Tree Industry Organization (Victoria Aust.)*

Referees:

- *Richard Turnbull, KC*
- *Andrew Thor, Senior Tree Management Officer Northern Beaches Council*
- *Judy Fakes, Retired Commissioner of NSW Land & Environment Court*
- *John Douglas, Senior Head Teacher of Arboriculture, RYDE.*