



northern
beaches
council

Tree Removal and Tree Pruning Application

If you need help lodging your form, contact us			Office use only	
Email	council@northernbeaches.nsw.gov.au		Form ID	4000
Phone	1300 434 434		TRIM Ref	C000902
Customer Service Centres	Manly Townhall, 1 Belgrave Street Manly NSW 2095	Dee Why Civic Centre, 725 Pittwater Road Dee Why NSW 2099	Last Updated	24 November 2017
	Mona Vale 1 Park Street Mona Vale NSW 2103	Avalon 59A Old Barrenjoey Road Avalon Beach NSW 2107	Business Unit	Parks and Recreation
			Application No.	<i>DA 2018</i>
			Receipt No.	<i>100335176</i>

Application no: *DA2018/0152*

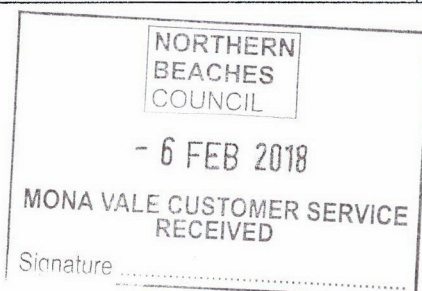
Privacy Protection Notice	
Purpose of collection:	For Council to provide services to the community
Intended recipients:	Northern Beaches Council staff
Supply:	If you choose not to supply your personal information, it may result in Council being unable to provide the services you seek
Access/Correction:	Please contact Customer Service on 1300 434 434 to access or correct your personal information

Part 1: Applicant Details

1.1 APPLICANT DETAILS	
Applicant name	Juliet Cashman
Landowner(s) name	Juliet and Simon Cashman

1.2 ADDRESS OF PROPERTY WHERE TREE(S) LOCATED			
Address	21 Woorarra Avenue		
Suburb	North Narrabeen	Postcode	2101
Title details (Lot/DP as shown on rates notice)	Lot 49 DP 23429		

1.3 INSPECTION FEES (NON-REFUNDABLE)			
1 Tree	☒ \$150		
Additional fee per tree for pruning/removal	☐ \$45 x number of additional trees =		
On site appointment	☐ \$85	Total	150



I am writing to you regarding a proposed tree removal at the front of our house @ 21 Woorarra Avenue North Narrabeen.

It is approx. 20 meters high and approx. 4 meters away from our master bedroom and our childrens main play area in our front courtyard.

We purchased our home approx. 7 years ago and from day one have been conscious of the tree, its proximity and the frequency of large branches dropping. Over these years we have witnessed a multitude of branches of varying sizes fall, mostly quite large and dangerous. Luckily this has not happened when we have been under it.

Being so tall, we are aware that branches are now mostly falling from a great height. We had an incident just two weekends ago in only moderate winds when my husband was outside gardening under the tree. Seconds after moving from the spot a 3.5m long branch dropped from a great height landing directly where he was standing. Should it have struck him we have no doubt it would have been caused serious injury. We have photos to prove the branch size and its landing.

Everytime there is high wind during storms or otherwise the tree drops large and heavy branches that would seriously cause harm or potentially death if they were to strike someone. For years now, when there is a storm, we won't even sleep in our bedroom because of the damage it could cause to us if a branch fell, causing undue anxiety and stress in the home.

The safety of my family surely overrides the necessity of this tree remaining.

We chose to live in such a beautiful area because of its greenery and trees and support all environmental sustainability in our suburb however I believe in common sense and above all the safety of my family. The tree is in a dangerous position and poses serious risks that need to be prevented.

We request that the matter is promptly addressed and welcome any meeting or further conversation on this matter.

Thank you for your understanding.

Part 2: Site Plan and Details

Please provide sufficient details to locate tree(s) including labeling the tree(s) numerically on the plan. It is recommended that you tie a marker to tree(s) once this application has been lodged.

Reason for application and outline of proposed work

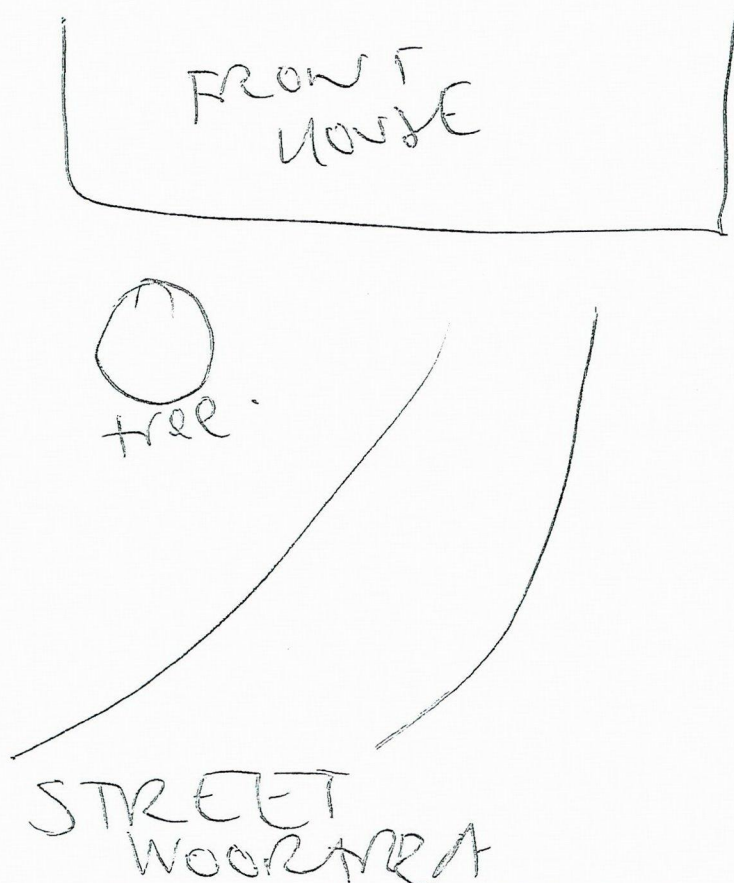
I am writing to you regarding tree removal.

Over the period of living in our house we have a 20 metre high tree 4 meters from our main bedroom. We

Please see attached.

I also wanted to say our plans for our house are designed around keeping the tree. Its now that it is dangerous.

Sketch



TREE AND SITE INFORMATION	
Is the tree(s) on private property? (This application is only for trees on private property.)	☒ Yes ☐ No
Is there a dog on the property?	☐ Yes ☒ No
Special arrangements required for site access	☐ Yes ☒ No
If yes, please provide details	
Is there a current development application lodged for this property? (Tree removal as part of a separate development application is assessed under that application and this application may not be required).	☒ Yes ☐ No
• Please note trees will not be assessed under this application process for complying development. • Applications for removal of significant trees will require an arborist's report by an independent qualified arborist. Please attach to this application. • Significant trees include local endemic trees, habitat trees, heritage listed trees or trees of large amenity and visual significance. • Replacement trees may be a condition of approval of this application.	
Please list any supporting documents attached to your application eg. engineer's report or arborist report.	Please keep in mind we had been very happy to keep this tree until we had problem.
	Our design for our house worked very well around this tree.

TREETALK

ARBORICULTURAL CONSULTING

ABN 36 323 568 677

Arboricultural Comments
21 Woorarra Avenue
North Narrabeen

Project No 5042/A
February 2016

Prepared for
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Arboricultural Comment: 21 Woorarra Avenue North Narrabeen

1.0 Summary

Plans as provided in Appendix A have been considered in relation to a request from Council, to comment upon them.

All footings are outside the Structural Root Zone (SRZ) of trees A on the neighbouring property and Tree 1 within the site.

I am advised that drainage is to be relocated to outside the SRZ See sketch plan of hydraulics. (Current plans indicate inappropriate location of SWP within the SRZ).

Plan DA05 indicates entry ramp, which appears to be from the new decking, and I assume has no footings into the soil.

Landscaping within the SRZ of trees, must be performed with care such that there are no changes in soil level and hand digging to locate plants clear of structural roots (ie those 3cm or greater in diameter).

2.0 Recommendations

Matters of most concern include any level changes within the SRZ of trees being retained. I have not viewed any plans that indicate changes to soil levels within the SRZ of retained trees.

Tree protection measures as provided within the full TreeTalk Report must be complied with.

Due to the proximity of works within their SRZ of Trees, particularly Tree 1, I recommend that Tree protection measures be inspected and certified prior to any works on site and in relation to pier installation and drainage.

Where any variations are to be considered your project arborist (AQF 5) should be consulted.

Please contact me directly on 0417 022 692, if any sections of this report require clarification.



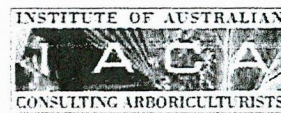
Sue Wylie
Principal Arboriculturist
TreeTalk Arboricultural Consulting
Diploma of Horticulture (Arboriculture)
Australian Qualification Framework (AQF5)
MIACA. MAAsust. MAUK. MISA.



Arbiculture Australia™



tree.net

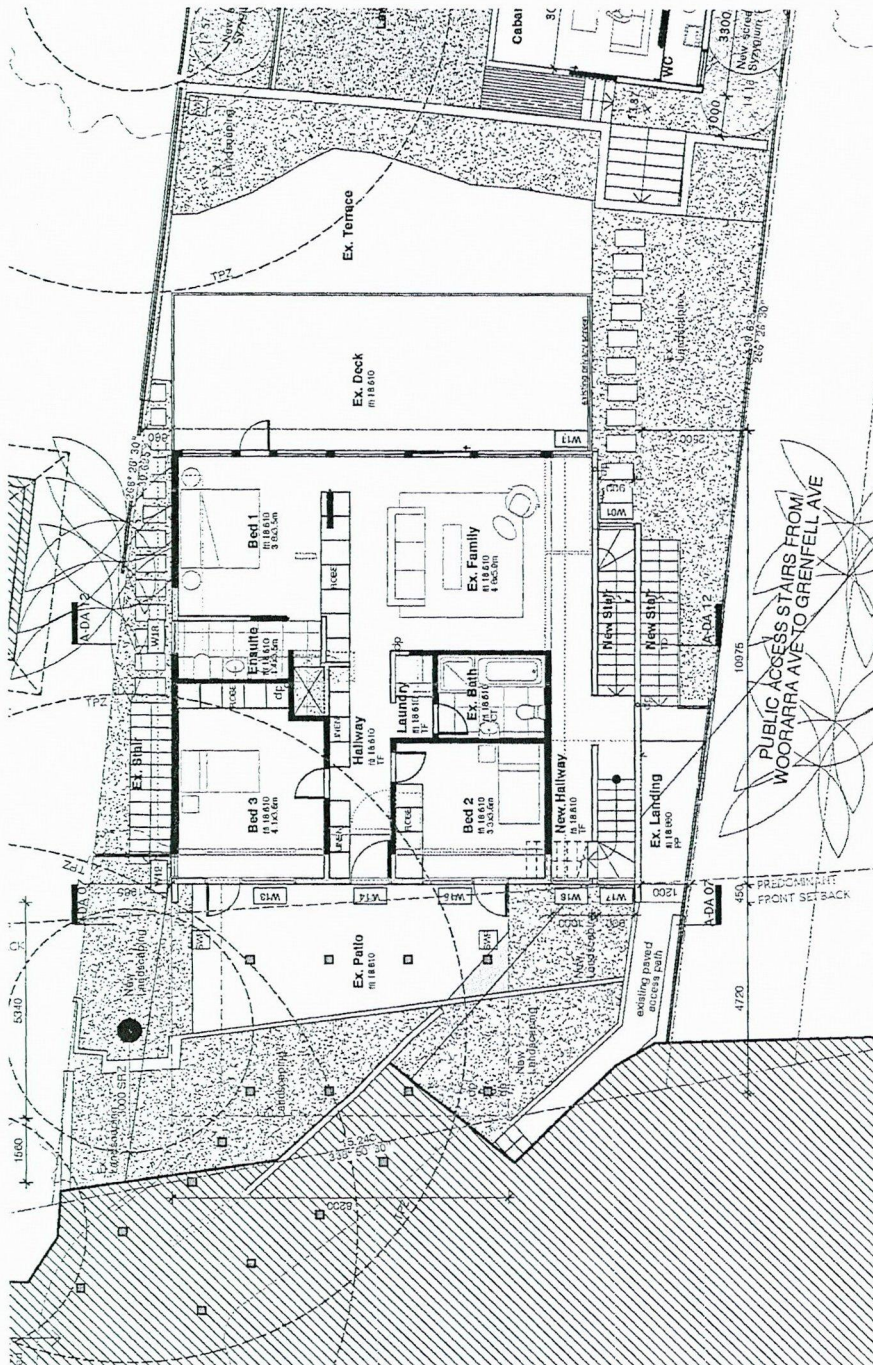


"The Voices of Arboriculture"

Appendix A1

Plan of Proposed Works

Plan by MCK Architects, Cashman House, Ground Floor Plan Dwg DA 04/Rev. A, Dated 14/10/15



1 Level One Plan
T:100

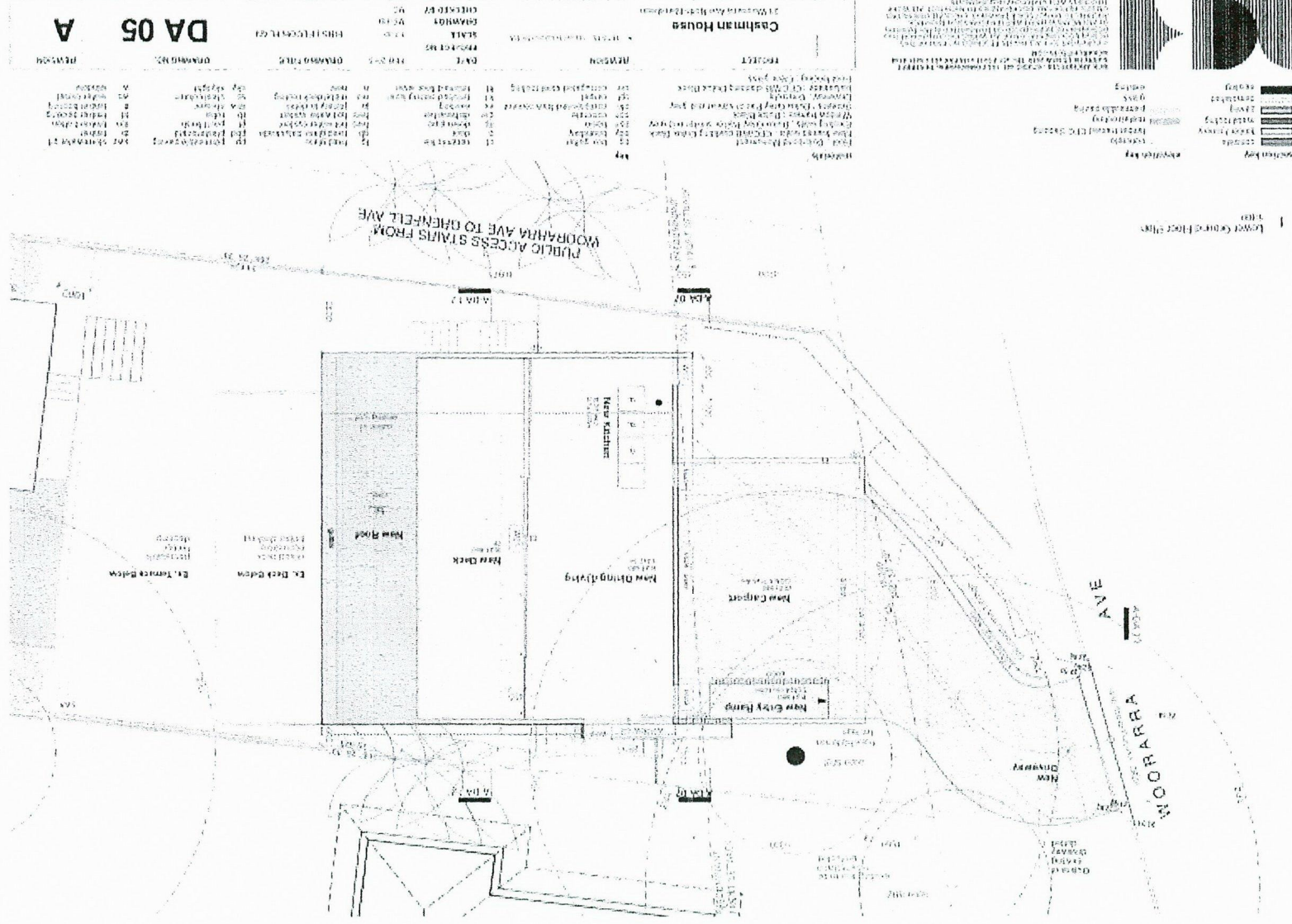
For Development Application Only

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Appendix A2

Plan of Proposed Works

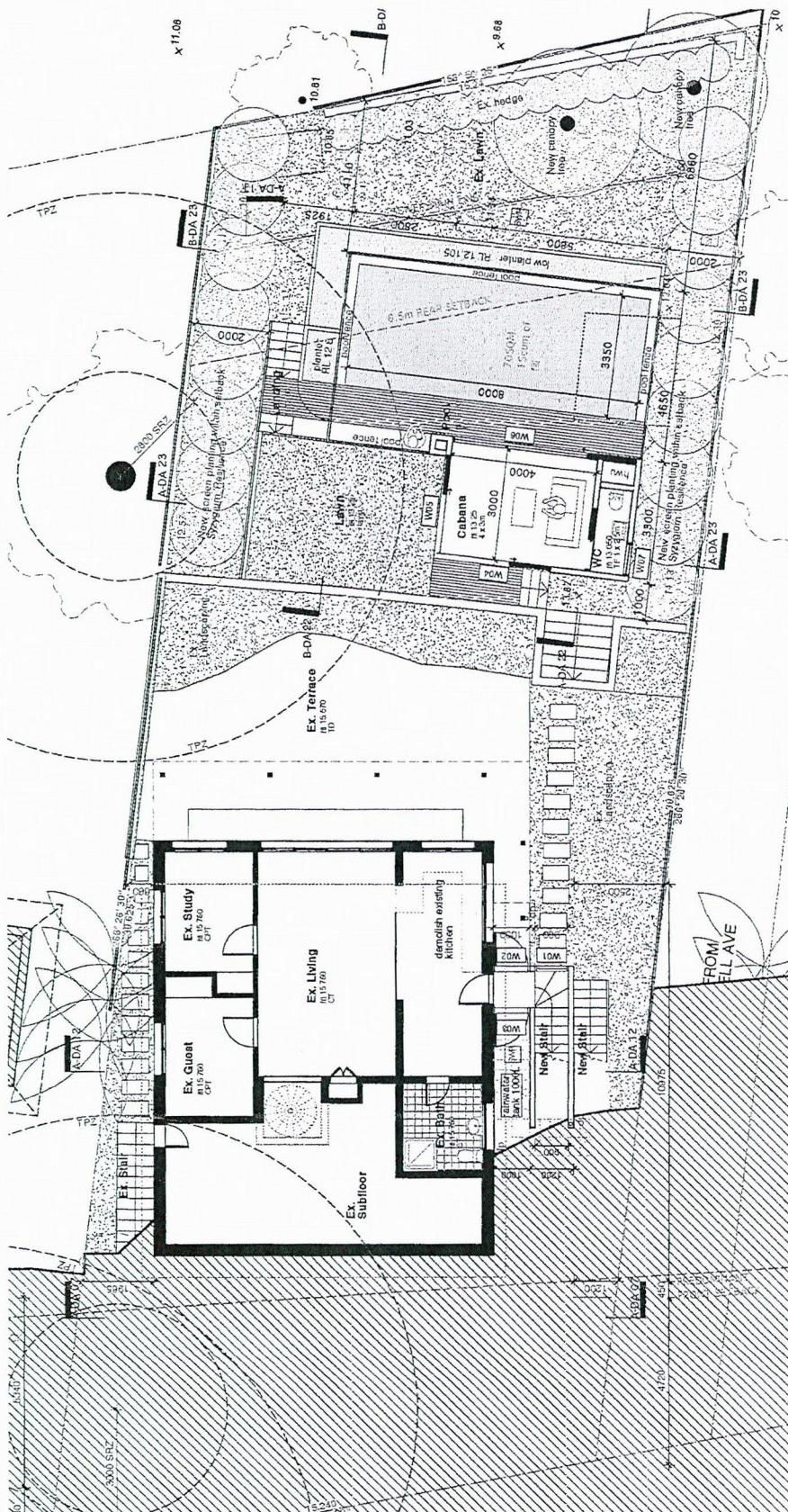
Plan by MCK Architects, Cashman House, First Floor Plan Dwg DA 05/Rev. A, Dated 14/10/15



Appendix A2

Plan of Proposed Works

Plan by MCK Architects, Cashman House, Lower Ground Floor Plan Dwg DA 03/Rev. A, Dated 14/10/15



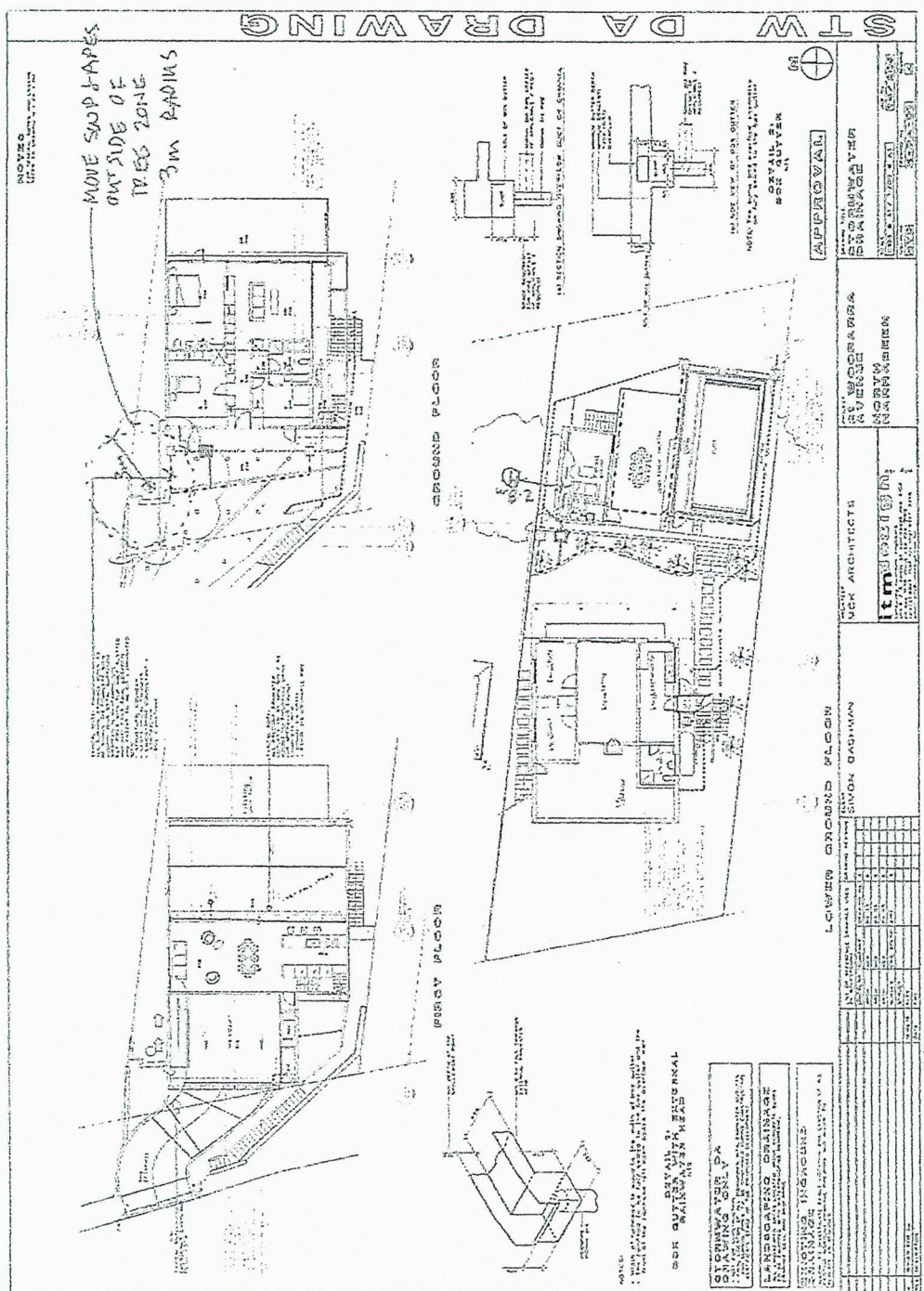
For Development Application Only

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Appendix A2

Plan of Proposed Works

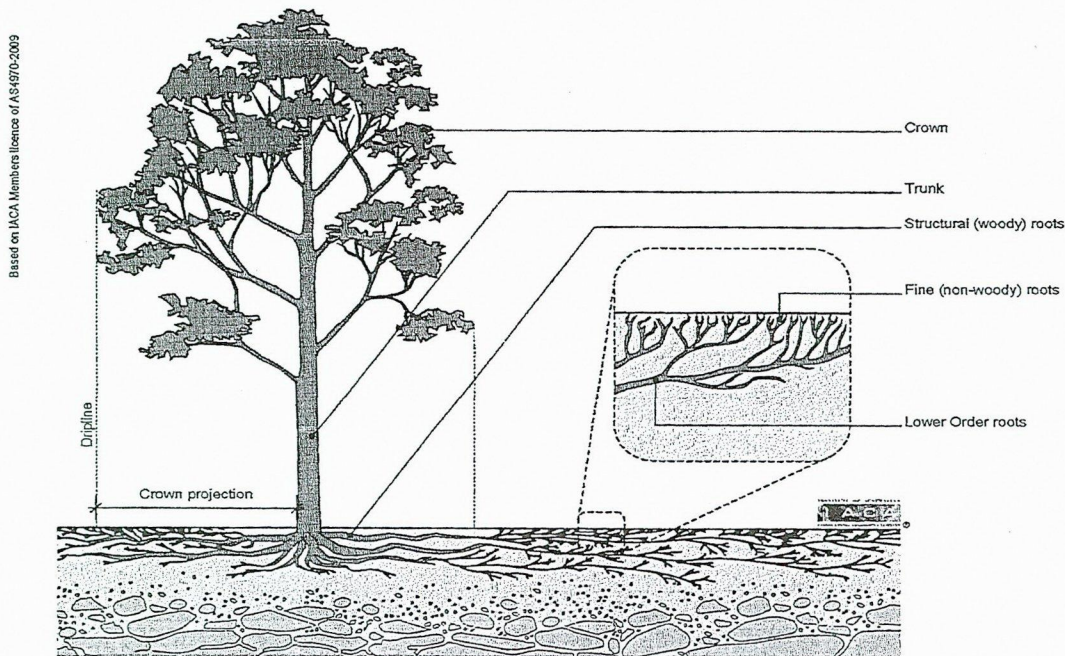
Plan by ITM Design, Job 14/205/A /Rev.? Dated to be supplied



Appendix B1

Location of Tree Roots

Tree Protection Measures as per AS4970

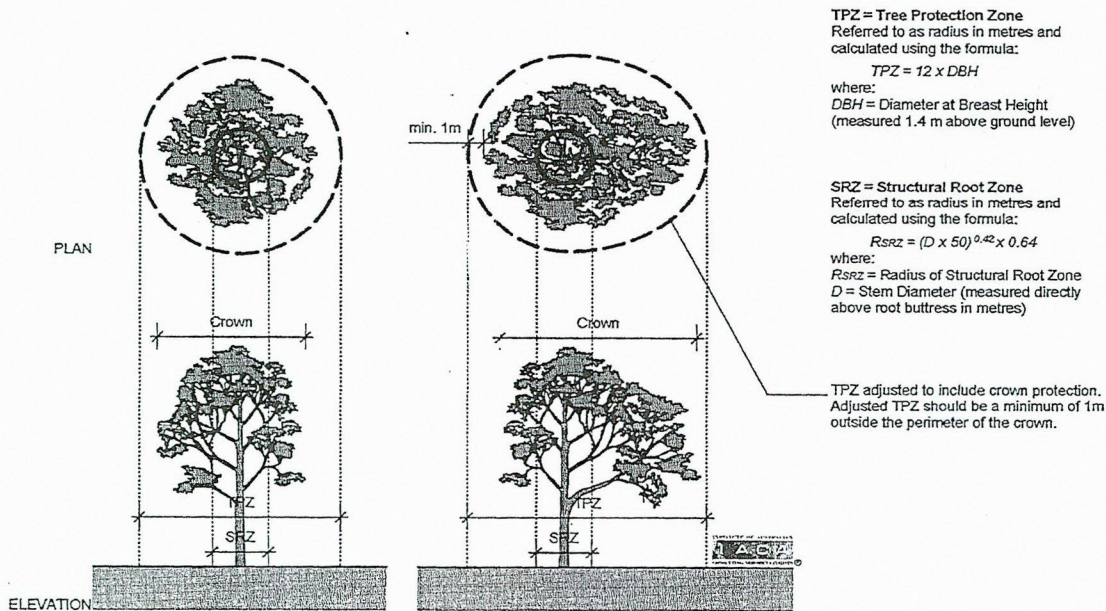


Structure of a Tree in a Typical Growing Environment

Scale 1:200 @ A4

Copyright © 2010 IACA

- Most tree roots are in the top 30cm of soil and are easily damaged by compaction and the loss of air spaces necessary for healthy survival. Soil compaction is a common cause of tree decline on development sites.
- Protection of tree roots requires that all activity be managed and preferably eliminated within the Tree Protection Zone with fencing (ie 12 times trunk diameter or as otherwise specified in the report).
- Roots fall into two main categories:
 - Structural woody/Critical roots (SRZ): these are instrumental in tree anchorage, nutrient storage and nutrient transport.
 - The fine/smaller non-woody roots (TPZ) are important in water and nutrient absorption as well as other functions important to tree growth.
- During site works demolition teams, builders and other workers on site will gravitate towards these green shady "different" areas, unaware of the damage they can cause, by compacting the soil.
- If well managed and protected trees provide an amenity to the immediate area and an environmental benefit to the wider community. Existing vegetation, particularly trees, are valuable assets that can continue to contribute to the property value long after new works have been completed.



Indicative Tree Protection Zone (TPZ)

Scale 1:500 @ A4

Copyright © 2010 IACA

The theoretical Tree Protection Zones (TPZ) of trees to be retained are given in the appended Tree Protection Calculations section of the report.

Works with area of small roots Tree Protection Zone (TPZ)

- Minimising soil compaction, by isolating most of the TPZ from works is important in the early stages of site works. Heavy equipment (such as those used in the demolition and the site preparation process) passing over the roots (or materials stockpiling) is detrimental to both the tree as well as the soil proposed for future plant growth (later landscaping).
- If works are proposed within the TPZ by and area of greater than 10%, consideration may be required such as root mapping (careful exploratory digging using hand tools) to locate any large roots (2cm or greater in diameter).

Works within Structural Root Zone SRZ

- Where works are required near large roots ie within the SRZ it is essential to avoid damaging roots providing tree anchorage and creating a dangerous tree.
- All works within SRZ should be above ground and to specific arboricultural specifications (provided by your AQF Level 5 arborist and preferably with them on site). Pier and beam construction is the only work possible.
- Piers must avoid roots with 20 – 40mm plus diameters. Careful digging (using hand tools) to find suitable locations.

"The Tree Protection Zone is the area around the tree or group of trees in which no grading or construction activity may occur. This area should be large enough to retain sufficient root or crown area to maintain tree health and stability."

Proposed works for widening of the existing driveway and installing carport will bring the works within the SRZ of Trees 1 and A. If these trees are to be retained, the footings and **all below ground works** must be outside the SRZ of each of these trees (see table 2 below). Footings must be located to ensure that they are well outside the SRZ and possibly the area cantilevered to ensure that the structural roots are not compromised. Additionally most of the TPZ must be protected from compaction or contamination to retain the trees in *Good health*.

