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# ARBORICULTURAL IMPACT ASSESSMENT REPORT

**SITE ADDRESS:** Prospect Highway Project (Seven Hills, NSW)  
**CLIENT:** SMEC Australia Pty Ltd  
**PREPARED BY:** ArborSkills Arboricultural Consultancy  
**DATE:** 11 December 2015

## 1. INTRODUCTION /METHODOLOGY

Mr Michael Drowley, Senior Environmental Scientist from SMEC Australia Pty Ltd, commissioned ArborSkills Arboricultural Consultancy to provide a report on the trees, located within and immediately adjacent to properties identified along Prospect Highway (Blacktown Road), between Bungaribee Road/Leabons Lane and Blacktown Road, Seven Hills (NSW).

Only those 'trees' identified by the client in supplied information have been included in the tree schedule of this report. Details of other plantings have been provided where such detail is considered appropriate or relevant. These have been detailed in Appendix 5 of this report. Tree locations have been indicated by aerial photography, in Appendix 1, and also by use of street view in Appendix 2. All trees have been identified with individual tree numbers whilst vegetation groupings have been identified by green hatching. Where trees or vegetation have been removed but appear in a photograph, these are indicated by black hatching.

A Visual Tree Assessment (VTA) was conducted from ground level employing techniques developed by Mattheck, Claus and et al. Principle explanations and illustrations are contained within the publication, *The Body Language of Trees* by Mattheck, C (1994). No aerial inspections or root mapping was undertaken. Tree heights and canopy spreads were visually estimated. Unless otherwise stated, Diameter at Breast Height (DBH), indicated using the mathematical symbol for diameter, was measured using a diameter tape and taken at 1.4 meters above existing ground level. The Diameter at Base is measured in accordance with the provisions of AS4970-2009. Where a variation to this occurs, the height at which the measurement was taken is shown with the relevant figure.

Structural Root Zones and Tree Protection Zones were calculated using the Australian Standard 4970 - Protection of Trees on Development Sites, 2009. The calculated radial Tree Protection Zone is shown in brackets within the Observations Table. This figure has been rounded either up or down to the nearest half meter for practical application purposes.

All pruning specifications are written in compliance of, and should be carried out in accordance with, Australian Standard 4373, Pruning of Amenity Trees, 2007 and Workcover NSW Code of Practice 'Amenity Tree Industry', 1998. Definitions for all terminology used in this report are taken from AS4373 – Pruning of amenity trees, 2007, AS4970-Protection of trees on development sites, 2009 and the International Society of Arboriculture's *Glossary of Arboricultural Terms*.

## **2. AIM**

The trees were inspected on Sunday, 18 October 2015. The aim of the inspection was to identify all relevant trees, assess their health and structural condition and to make comment with regard to the proposed works and the desired clearances detailed by the client.

The proposed works involve an upgrade, including relocation, of various electrical infrastructure along Prospect Highway (Blacktown Road) between Bungarribee Road/Leabons Lane and Blacktown Road, Seven Hills (NSW). Following some consultation, a clearance diagram was provided and used to assess the subject trees (Refer to Appendix 5 of this report).

A secondary component to these works is the construction of a 'kiss and ride' facility at Shelley Public School, Hadrian Avenue, Blacktown (NSW). Trees and works associated with this component of the project have been addressed in a separate report.

The following documents and plans were referenced in preparation of this report:

- Blacktown Local Environment Plan 2015, Part 5, Sections 5.9, 5.9AA and 5.10,
- Blacktown Local Environment Plan 2015, Schedule 5 – Environmental Heritage,
- Blacktown Development Control Plan, 2015, Part A, Sections 4.3 and 4.4,
- Blacktown Council Register of Significant Trees and Vegetation, Final Report, July 2012.
- Minimum Trimming Clearances Diagram, undated.

## **3. OBSERVATIONS**

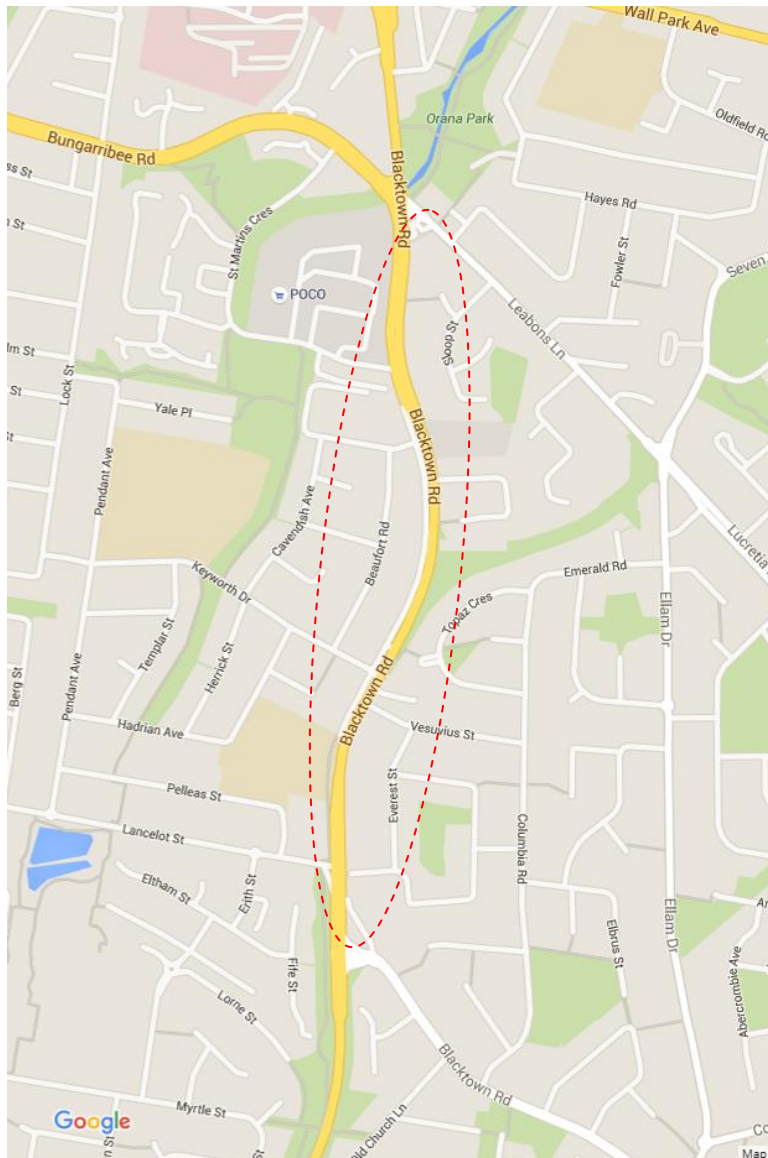
For detailed Observations, please refer to Appendix 3: Tree and Vegetation Schedule located on page 35 of this report.

## 4. DISCUSSION

### 4.1 The Site

The 'site' covers an area of approximately 1.4 kilometres along the eastern side of the Prospect Highway, also known as Blacktown Road, Seven Hills (NSW). Whilst supplied plans indicated some works along the western side of the roadway, these do not appear to impact on trees within that area and therefore this area has not been covered in this report. The site extends from the intersection of Bungaribee Road/Leabons Lane, south to the intersection of Blacktown Road and Prospect Highway (please refer to Image 1 below for clarification).

The entire area is located within the local government area of Blacktown City Council. As such, the definition of a tree as defined by their Development Control Plan, 2015 has been applied in this report. Additional comments regarding vegetation noted within the zone identified for works have also been included.



**Image 1:** Map showing the location of the trees covered within this report.

The proposed zone of works covers both the Prospect Highway road reserve and private properties immediately adjacent to the road reserve. Some of the properties identified as being relevant front onto the roadway whilst others have their rear or side boundaries abutting the road reserve. Identification of the location of trees has been detailed by the closest identified street address or, where relevant, the most identifiable title for a property.

#### **4.2 Indigenous Ecological Community**

Being located within an area of the Cumberland Plain, the locally indigenous vegetation community is Cumberland Plain Woodland. Within this broad categorisation, Shale Plains Woodland is the appropriate subcategory for this area. This ecological community is typified by the presence of Grey Box (*Eucalyptus moluccana*), Forest Red Gum (*Eucalyptus tereticornis*), Spotted Gum (*Corymbia maculata*) and Thin Leaved Stringybark (*Eucalyptus eugenioides*) as the dominant canopy trees. The shrub layer is dominated by Blackthorn (*Bursaria spinosa*), and it is common to find abundant ground covers such as Kangaroo Grass (*Themeda australis*), Weeping Meadow Grass (*Microlaena stipoides* var. *stipoides*), Kidney Weed (*Dichondra repens*) and Slender Tick-trefoil (*Desmodium varians*).

This ecological community is listed as 'critically endangered' in both Federal and State legislation and therefore must be considered when any development works are proposed. The subject area is highly disturbed consisting of a combination of road reserve and private properties. The private properties have largely been cleared and planted with imported species of trees, plants and turf grass. Within the public road reserve, there are some individual specimens of indicative species trees however; all lower storey plants have been removed. Initial road works would have severely disturbed the soil profile within the area resulting in a loss of top soil and associated seed material. Subsequent consistent mowing and periodic use of herbicides over many years has likely depleted any remnant seed bank that may have existed within this area.

In this instance, whilst many of the trees identified were species indicative of Cumberland Plain Woodland, and Shale Plains Woodland in particular, it is highly unlikely that any such ecological 'community' exists on the site and therefore that the proposed works would contravene legislated conservation requirements.

#### **4.3 Heritage and Register of Significant Trees and Vegetation Listings**

The area of proposed works does not is not listed within Blacktown Councils Local Environment Plan, 2015 as being a heritage conservation area. Similarly, there are no individual properties listed within Schedule 5 of the LEP as being heritage listed.

None of the trees identified within this report are listed within the Register of Significant Trees for Blacktown local government area.

#### 4.4 Trees within the Proposed Work Zone

The majority of the trees located within the proposed zone of works were identified as one of two (2) species. These were Cocos Palms (*Syagrus romanzoffiana*) and Grey Box (*Eucalyptus moluccana*).

Due to its propensity to self seed and the volume of seed which it drops, attracting vermin and pest species, the Cocos Palm (*Syagrus romanzoffiana*) is considered a weed species by most local government authorities and is therefore exempt under their tree management policies. This is not the case in the Blacktown local government area where the palm seems to require council consent to remove. This is possibly because the palm makes up a high proportion of the green canopy cover for the area, a factor noted in this particular area. Regardless, the palm has undesirable habits and could be replaced with a number of more appropriate species up to and including native Australian palms.

The second dominant species for the area is the Grey Box (*Eucalyptus moluccana*). As previously discussed, this species is locally indigenous and is an indicative species for the local vegetation community of Cumberland Plain Woodland. Examination of the 1943 aerial photographs indicates that a number of these trees could be remnant specimens. The photograph shows mature specimens along the line of Blacktown Road at that time. Many of these trees are either those specimens or providence from them. Over the area of the survey, this species provides the majority of canopy cover to the area. It is also the dominant source of environmental benefit to the location.

The remaining trees identified within the survey area were an assortment of predominantly imported species typical of an urbanised area. Many of the trees were contemporary to the apparent development of the area. The combination of dwelling architecture and tree species indicates urbanisation of the area during the 1960's to 1970's period. Relatively high numbers of Conifer species is indicative of this period with them having been fashionable garden plantings of the time. Many of these trees are now past their best having been heavily modified over a long period of time. Some of this modification is due to site conditions, such as providing clearances to driveways or paths, but much is associated with the slow decline of the trees due to the less than ideal environmental conditions in which they are growing.

One exception to this timeframe is a Canary Island Date Palm (*Phoenix canariensis*) located outside of No. 205 Blacktown Road. The dwelling on this property is in the style of a Federation bungalow. Palms of all species were fashionable plantings of this era however, examination of the 1943 aerial photograph shows that the dwelling existed but not the palm. This indicates that it is not a contemporary planting but one installed after 1943. Given that the species is relatively slow growing, it is suggested that the planting did not take place much after 1943 in order for the palm to be of the size that it is today. It is understood from the client that the owners of this property have expressed an emotional attachment to this palm. Further investigation would be required to ascertain the context of the expressed attachment.

#### **4.5 Other Vegetation within the Proposed Work Zone**

In some instances, vegetation other than specifically 'trees' was also identified as part of this survey. This vegetation, which has been detailed in Appendix 3 of this report, included small tree species and shrubs. When surveying these plants, consideration was given to their potential mature height, their current age and their current treatment.

In some instances, plants were identified which have the potential to grow to heights which may encroach on desired electrical service clearances. Some of these plants were immature trees whilst others were plants which are currently hedged. In these cases, provided that the hedge is maintained at the existing height there would be no issue with encroachment however, if hedging is ceased for any extended period of time, these species have the potential to grow into the desired clearance distances. The vast majority of species identified in this component of the survey do not have the potential to attain heights whereby they are likely to encroach on desired clearance distances.

One particular grouping of trees, located on the property identified as 239 Blacktown Road, is of concern. The trees are mature Golden Cypress (*Cupressus macrocarpa*) and form an informal hedge across the front boundary of the property. As they are mature it is unlikely that they will increase in height to any great extent. They are however, likely to encroach into the desired clearance zone and would therefore require reduction pruning. Due to the growth form of the species and the fact that they are mature specimens, height reduction pruning would amount to topping, a non-compliant pruning methodology which breaches the provisions of Australian Standard 4970-Pruning amenity trees, 2007. Topping is a non-compliant technique for many reasons not the least of which is that it exposes the tree to pathogenic infection, alters the pattern of wind forces operating on the canopy and reduces the level of foliage supporting the health and vigour of the tree. In addition, the topping of mature Conifer trees has additional impacts which increase the risk of failures. As the trees provide a great deal of amenity to the property, in the form of both privacy and noise screening from Blacktown Road, careful consideration will be required to determine the appropriate action in this instance.

#### **4.6 Treatment of Trees and Vegetation within Clearance Zones**

Trees and vegetation which appear to require removal or pruning to facilitate the proposed works have been identified. Similarly, trees and vegetation which require no works, but have been surveyed, have also been identified. It is not possible, at this stage of the project, to provide pruning specifications for the trees identified as the exact location of the service line has not been surveyed on site. In the instance of tree Canary Island Date Palm (*Phoenix canariensis*) the exact impact of the proposed service relocation cannot be accurately determined at this time. It is likely that some of the canopy may encroach into the desired clearance zone however, the extent of that encroachment cannot be clearly determined. As this particular specimen is a palm, there is also issues associated with the type of pruning which can occur on it. To carry out lateral crown reduction on a palm, the entire front is required to be removed at the trunk. In this instance, where the palm is a large, visually prominent specimen, such

pruning would result in a very unaesthetically pleasing palm. For this reason, it is recommended that if there is an identified encroachment, and it is only minor, that the palm be left untouched.

A significant issue may arise if the subject palm encroaches onto the desired clearance zone as a result of its height. As palms grow from an apically dominant bud at the top of the trunk, any damage to this growth point will result in the death of the palm. This means that their height cannot be reduced. Should this specimen encroach into the desired clearance zones either by its height, or sufficiently that the centre of the canopy would require pruning out, the entire palm will require removal.



## 5. RESULTS

Based upon the inspection of the area, assessment of the subject trees and the information provided, the following results for proposed works are suggested as being necessary;

1. The following trees would most likely require removal as they are;
  - a) located within the desired clearance zone and
  - b) cannot be appropriately pruned, in accordance with Australian Standard 4373-Pruning of amenity trees, 2007, to provide the desired clearance.

Tree ID No.	Location	Common Name	Botanical Name	Prune / Remove / No Works Required
N/A	117 Blacktown Rd	Broad Leafed Privet	<i>Ligustrum lucidum</i>	Remove
22	131 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	Remove
28	141 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	Remove
29	141 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	Remove
30	141 Blacktown Rd	Dead Tree		Remove
31	141 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	Remove
32	141 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	Remove
39	1 Roger Pl	Silky Oak	<i>Grevillea robusta</i>	Remove
43	45 Roger Pl	Cocos Palm	<i>Syagrus romanzoffiana</i>	Remove
44	45 Roger Pl	Cocos Palm	<i>Syagrus romanzoffiana</i>	Remove
45	45 Roger Pl	Cocos Palm	<i>Syagrus romanzoffiana</i>	Remove
46	45 Roger Pl	Cocos Palm	<i>Syagrus romanzoffiana</i>	Remove
47	45 Roger Pl	Cocos Palm	<i>Syagrus romanzoffiana</i>	Remove
49	45 Roger Pl	Cocos Palm	<i>Syagrus romanzoffiana</i>	Remove
53	161 Blacktown Rd	Grey Gum	<i>Eucalyptus punctata</i>	Remove
54	161 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	Remove
55	161 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	Remove
56	161 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	Remove
57	161 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	Remove
58	161 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	Remove
59	161 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	Remove

Tree ID No.	Location	Common Name	Botanical Name	Prune / Remove / No Works Required
60	161 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	Remove
61	161 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	Remove
62	161 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	Remove
63	161 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	Remove
64	161 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	Remove
65	30 Topaz Cres	Grey Box	<i>Eucalyptus moluccana</i>	Remove
68	26 Topaz Cres	Grey Box	<i>Eucalyptus moluccana</i>	Remove
N/A	1 Pearl Pl	Arborvitae	<i>Thuja orientalis</i>	Remove
69	3 Pearl Pl	Grey Box	<i>Eucalyptus moluccana</i>	Remove
70	3 Pearl Pl	Grey Box	<i>Eucalyptus moluccana</i>	Remove
71	3 Pearl Pl	Grey Box	<i>Eucalyptus moluccana</i>	Remove
72	5 Pearl Pl	Grey Box	<i>Eucalyptus moluccana</i>	Remove
N/A	195 Blacktown Rd	Weeping Bottlebrush	<i>Callistemon viminalis</i>	Remove
78	217 Blacktown Rd (Child Care Centre)	Spotted Gum	<i>Corymbia maculata</i>	Remove
80	217 Blacktown Rd (Child Care Centre)	Spotted Gum	<i>Corymbia maculata</i>	Remove
81	217 Blacktown Rd (Child Care Centre)	Grey Box	<i>Eucalyptus moluccana</i>	Remove
82	217 Blacktown Rd (Child Care Centre)	Spotted Gum	<i>Corymbia maculata</i>	Remove
83	223 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	Remove
84	223 Blacktown Rd	Sydney Red Gum	<i>Eucalyptus tereticornis</i>	Remove
85	225 Blacktown Rd	Spotted Gum	<i>Corymbia maculata</i>	Remove
86	225 Blacktown Rd	Liquidambar	<i>Liquidambar styraciflua</i>	Remove
87	225 Blacktown Rd	Dead Tree		Remove
88	225 Blacktown Rd	Liquidambar	<i>Liquidambar styraciflua</i>	Remove
90	227 Blacktown Rd	Chinese Juniper	<i>Juniperus chinensis</i>	Remove
91	229 Blacktown Rd	Jacaranda	<i>Jacaranda mimosifolia</i>	Remove
92	229 Blacktown Rd	Jacaranda	<i>Jacaranda mimosifolia</i>	Remove

Tree ID No.	Location	Common Name	Botanical Name	Prune / Remove / No Works Required
96	235 Blacktown Rd	Sydney Red Gum	<i>Eucalyptus tereticornis</i>	Remove
98	Ozark St Road Reserve	Brush Box	<i>Lophostemon confertus</i>	Remove
99	Ozark St Road Reserve	Broad Leafed Paperbark	<i>Melaleuca quinquenervia</i>	Remove

2. The following trees are located within the desired clearance zone however, they can be pruned in accordance with Australian Standard 4373-Pruning of amenity trees, 2007, to provide the desired clearance.

Tree ID No.	Location	Common Name	Botanical Name	Prune / Remove / No Works Required
1	111 Blacktown Rd	Cocos Palm	<i>Syagrus romanzoffiana</i>	Prune
15	127 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	Prune
16	127 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	Prune
19	129 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	Prune
20	129 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	Prune
23	141 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	Prune
24	141 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	Prune
34	141 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	Prune
35	141 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	Prune
66	30 Topaz Cres	Grey Box	<i>Eucalyptus moluccana</i>	Prune
67	30 Topaz Cres	Grey Box	<i>Eucalyptus moluccana</i>	Prune
N/A	193 Blacktown Rd	Lilly Pilly	<i>Syzygium smithii</i>	Prune
N/A	193 Blacktown Rd	Weeping Fig	<i>Ficus benjamina</i>	Prune
N/A	193 Blacktown Rd	Prunus spp.	<i>Prunus spp.</i>	Prune
75	206 Blacktown Rd	Silky Oak	<i>Grevillea robusta</i>	Prune
101	Ozark St Road Reserve	Brush Box	<i>Lophostemon confertus</i>	Prune
102	241 Blacktown Rd	Black Paperbark	<i>Melaleuca lanceolata</i>	Prune
103	241 Blacktown Rd	Black Paperbark	<i>Melaleuca lanceolata</i>	Prune

Tree ID No.	Location	Common Name	Botanical Name	Prune / Remove / No Works Required
104	241 Blacktown Rd	Norfolk Island Hibiscus	<i>Lagunaria patersonia</i>	Prune
105	243 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	Prune

3. It is not possible to accurately determine whether the following tree requires removal or can be pruned, in accordance with Australian Standard 4373-Pruning of amenity trees, 2007, to provide the desired clearance. More specific analysis will be required when the location of the service line is accurately plotted on site.

Tree ID No.	Location	Common Name	Botanical Name
74	205 Blacktown Rd	Canary Island Date Palm	<i>Phoenix canariensis</i>

## 6. CONCLUSION

The findings of this report are based on information provided by the client and are as accurate as possible. Some amendments or alteration of the Results may be necessary when the exact line of the proposed service is surveyed and located on site.

Should you require any further information in relation to this report, please contact our office on (02) 9871 1530.



Louise Bennett

**Registered Consulting Arborist**

Graduate Certificate of Arboriculture (with Hons)

University of Melbourne - AQF Level 8.

Diploma Horticulture (Arboriculture) - AQF Level 5

Certificate of Horticulture

Cert IV Training and Assessment

Member Arboriculture Australia

Member Housing Engineering Design & Research Association (HEDRA).

## LIMITATION OF LIABILITY

ArborSkills are tree specialists who use their qualifications, education, knowledge, training, diagnostic tools and experience to examine trees, recommend measures to enhance the health and structure of trees and attempt to reduce the risk of living near trees. Clients may choose to accept or disregard the recommendations of this assessment and report.

ArborSkills cannot detect every condition that could possibly lead to the structural failure of a tree. Trees are living organisms that fail in ways the arboriculture industry does not fully understand. Conditions are often hidden within trees and below ground. Unless otherwise stated, observations have been visually assessed from ground level. ArborSkills cannot guarantee that a tree will be healthy or structurally sound under all circumstances, or for a specified period of time. Likewise, remedial treatments cannot be guaranteed.

Treatment, pruning and removal of trees may involve considerations beyond the scope of ArborSkills services, such as property boundaries and ownership, disputes between neighbours, sight lines, landlord-tenant matters, and related incidents. ArborSkills cannot take such issues into account unless complete and accurate information is given prior or at the time of the site inspection. Likewise ArborSkills cannot accept responsibility for the authorisation or non-authorisation of any recommended treatment or remedial measures undertaken.

ArborSkills has no affiliation with any private contractors, associations or companies involved in the tree removal and pruning business. This ensures an impartial approach to all recommendations given regarding tree removals, recommended works and assessments.

In the event that ArborSkills recommends retesting or inspection of trees at stated intervals these works must be carried out within the designated time frame. It is the client's responsibility to make arrangements for an appropriately qualified and experienced person to conduct the re- inspection. Trees can be managed but, they cannot be controlled. To live or work near a tree involves an inherent degree of risk. There is no warranty or guarantee, either expressed or implied by ArborSkills, that problems or deficiencies of the subject trees may not arise at a future time.

Trees are living entities. As such, their health may alter, they will grow and their environmental circumstances may change from the time of the site inspection upon which this report is based. For this reason, this report has a maximum validity time of 1 year from the date of being written. Should there be any alteration to the site, the tree or the trees immediate environment from those current at the time of the site inspection upon which this report is based, the report will become invalid immediately. Such alterations may include wind storms, heavy or extended periods of rain or other natural weather phenomenon.

All written reports must be read in their entirety, at no time shall part of the written assessment be referred to unless taken in full context of the whole written report. This report remains the intellectual property of ArborSkills. It has been issued to the identified client for the specified and agreed purpose only. Use of this report for any other purpose or by any other individual or company must have the written consent of ArborSkills **PRIOR** to that use. Failure to obtain such consent is deemed a breach of copyright and will result in legal action being undertaken against all parties involved. If this written report is to be used in a court of law or any legal situation ArborSkills must be advised in writing prior to the written assessment being presented in any form to any other party.

Care has been taken to obtain information from reliable sources. All data has been verified wherever possible however, ArborSkills can neither guarantee nor be responsible for the accuracy of information provided by others. It is assumed that all information has been provided by appropriately qualified and experienced persons.

## References and Bibliography

Google Inc. 2012, Google™ earth (Version 6.2.2.6613) [Software]. Google Inc., Mountain View, CA (USA)

## APPENDIX 1: TREE LOCATION IMAGES – Based on Supplied Information Sheets

### KEY



- 124** Property street numbers and identification where relevant.
- T57** Tree identification number – correlates to numbers provided in Appendix 3 of this report.
-  Trees which appear on aerial photos but are no longer in existence.
-  Vegetation which has been surveyed, detailed and assessed in Appendix 3 of this report.



Image 2: Sheet 15 - 109 to 123 Blacktown Road

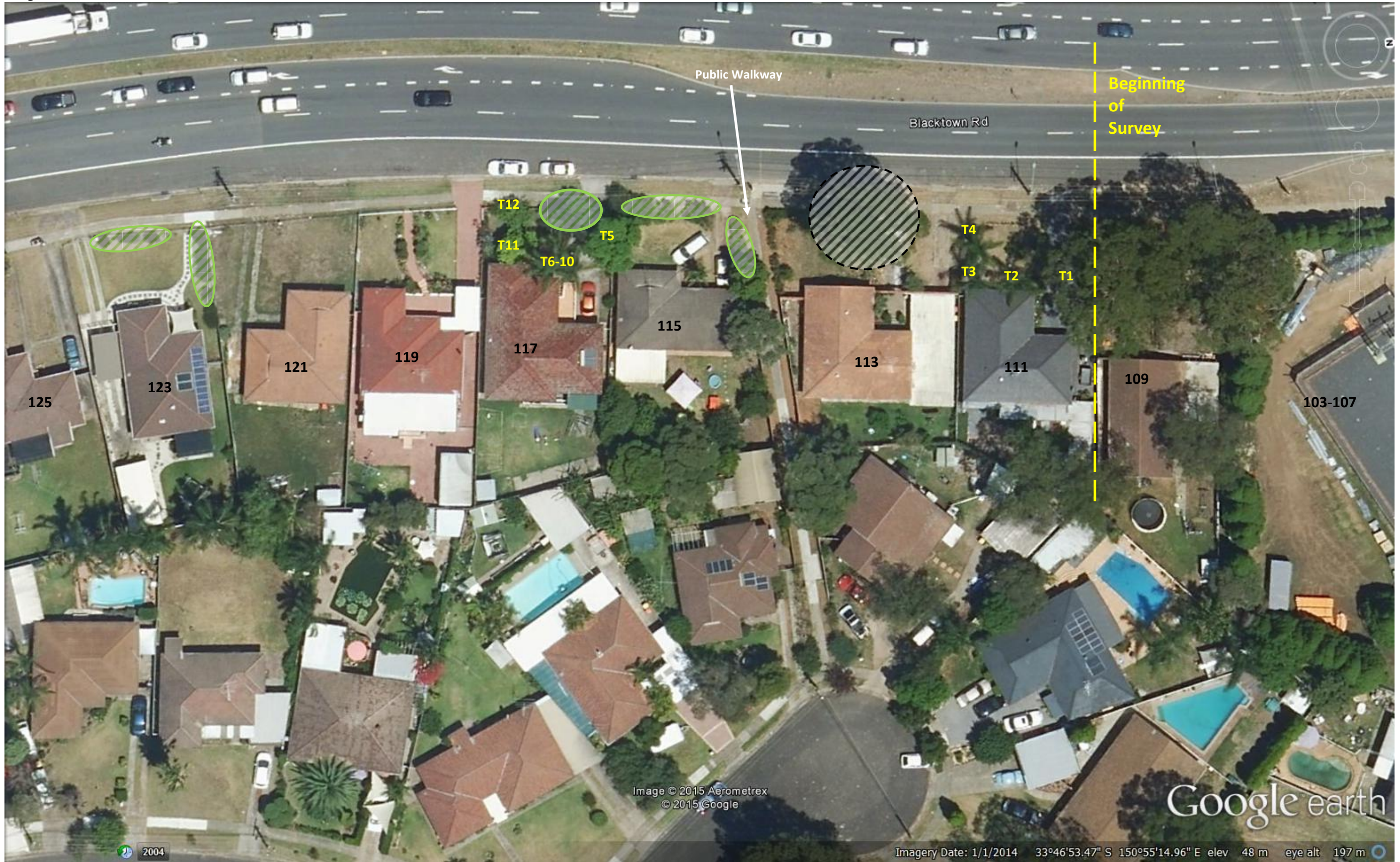




Image 3: Sheet 14 - 125 to 143-151 Blacktown Road and 1 Roger Place (partial).





Image 4: Sheet 13 - 1 Roger Place (partial) to 32 Topaz Crescent (rear)





Image 5: Sheet 12 - 30 Topaz Crescent (rear) to 205 Blacktown Road.

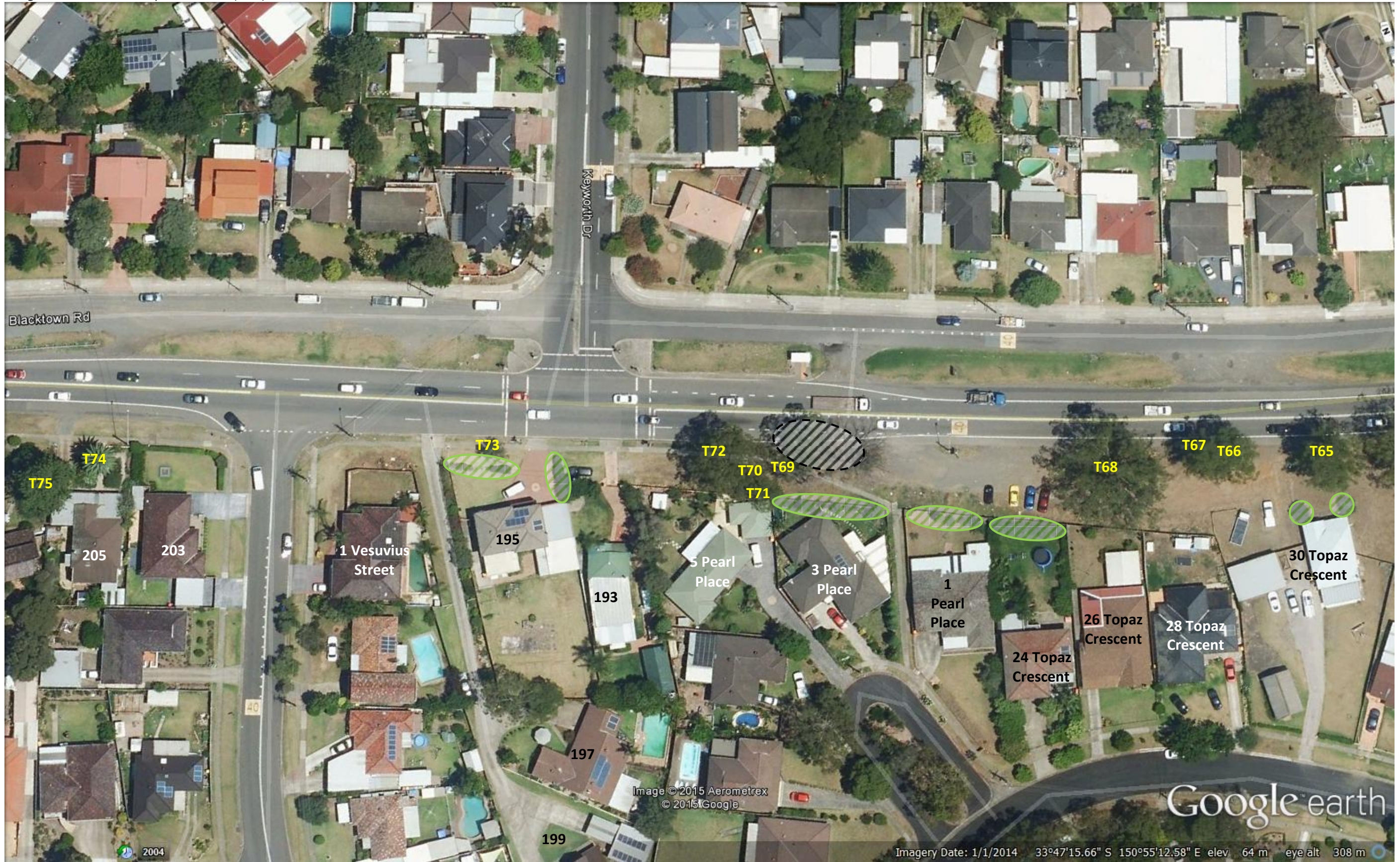




Image 6: Sheet 11 - 203 Blacktown Road to 233 Blacktown Road.





Image 7: Sheet 10 - 235 Blacktown Road to 255 Blacktown Road.





**APPENDIX 2: TREE LOCATION PLANS – Street Views**



**Image 8:** 111 (left of frame) and 113 (right of frame) Blacktown Road.



**Image 9:** 115 (left of frame) and 117 (right of frame) Blacktown Road.





**Image 10:** 119 (left of frame) and 121 (right of frame) Blacktown Road.



**Image 11:** 123 (left of frame) and 125 (right of frame) Blacktown Road.





**Image 12:** 127 (left of frame) and 129 (right of frame) Blacktown Road.



**Image 13:** 131 (left of frame) and 133 (right of frame) Blacktown Road.





**Image 14:** 139 (left of frame) and 141 (right of frame) Blacktown Road.



**Image 15:** The Army Depot, 143 – 151 Blacktown Road.





**Image 16:** (Side of) 1 Roger Place.



**Image 17:** (Rear of) 45 Roger Place.





**Image 18:** 161 Blacktown Road, northern corner.



**Image 19:** 161 Blacktown Road.





*Image 20: (Rear of) 30 Topaz Crescent.*



*Image 21: (Rear of) 28 Topaz Crescent.*





Image 22: (Rear of) 1 Pearl Place.



Image 23: (Rear of) 5 Pearl Place.





**Image 24:** 193(left of frame) and 195 (right of frame) Blacktown Road.



**Image 25:** 205 (left of frame) and 207 (right of frame) Blacktown Road.





**Image 26:** 215 Blacktown Road.



**Image 27:** Blacktown Child Care Centre, 217-221 Blacktown Road, northern corner.





**Image 28:** Blacktown Child Care Centre, 217-221 Blacktown Road, southern corner.



**Image 29:** 223 Blacktown Road.





**Image 30:** 225 Blacktown Road.



**Image 31:** 227 (left of frame) and 229 (right of frame) Blacktown Road.





**Image 32:** 231 (left of frame) and 233 (right of frame) Blacktown Road.



**Image 33:** 235 (left of frame) and 237 (right of frame) Blacktown Road.





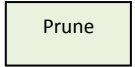

**Image 34:** 239 (left of frame) and Ozarck Street road reserve (right of frame).



**Image 35:** 241 (left of frame) and 243 (right of frame) Blacktown Road.



**APPENDIX 3: TREE AND VEGETATION SCHEDULE**

KEY		
	Trees for Removal	
		
	Trees for Pruning	Trees which Require No Works at This Time

Tree ID No.	Location	Common Name	Botanical Name	Height (m)	Width (Mean in m)	Ø (m)	Health	Structure	Form	Age	Comments	Works Required	Prune / Remove / No Works Required
1	111 Blacktown Rd	Cocos Palm	<i>Syagrus romanzoffiana</i>	7	6	0.25	Good	Good	Good	M		Lateral crown reduction of selective branches on western side.	Prune
2	111 Blacktown Rd	Cocos Palm	<i>Syagrus romanzoffiana</i>	5	6	0.25	Good	Good	Good	M			NWR
3	111 Blacktown Rd	Cocos Palm	<i>Syagrus romanzoffiana</i>	6	6	0.25	Good	Good	Good	M			NWR
N/A	115 Blacktown Rd	Lemon Scented Bottlebrush	<i>Callistemon citrinus</i>								Shrubs hedged along front boundary. If hedge maintained at current height it should not encroach on clearances.		NWR
N/A	115 Blacktown Rd	Riberry	<i>Syzygium luehmannii</i>								Shrubs hedged along front boundary. If hedge maintained at current height it should not encroach on clearances.		NWR
4	111 Blacktown Rd	Cocos Palm	<i>Syagrus romanzoffiana</i>	7	6	0.25	Good	Good	Good	M			NWR
5	117 Blacktown Rd	Jacaranda	<i>Jacaranda mimosifolia</i>	8	8	0.35	Fair	Fair	Fair	M			NWR
6	117 Blacktown Rd	Jacaranda	<i>Jacaranda mimosifolia</i>	4	6	0.35	Very Poor	Poor	Very Poor	M	Heavily lopped. High % of epicormic growth.		NWR

Tree ID No.	Location	Common Name	Botanical Name	Height (m)	Width (Mean in m)	Ø (m)	Health	Structure	Form	Age	Comments	Works Required	Prune / Remove / No Works Required
7	117 Blacktown Rd	Cocos Palm	<i>Syagrus romanzoffiana</i>	6	6	0.25	Good	Good	Good	M			NWR
8	117 Blacktown Rd	Cocos Palm	<i>Syagrus romanzoffiana</i>	5	6	0.3	Good	Good	Good	M			NWR
9	117 Blacktown Rd	Cocos Palm	<i>Syagrus romanzoffiana</i>	8	6	0.3	Good	Good	Good	M			NWR
10	117 Blacktown Rd	Cocos Palm	<i>Syagrus romanzoffiana</i>	9	8	0.35	Good	Good	Good	M			NWR
11	117 Blacktown Rd	Mango	<i>Mangifera indica</i>	5	5	0.3	Fair	Good	Good	M			NWR
12	117 Blacktown Rd	Fried Egg Tree	<i>Gordonia axillaris</i>	4.5	5	0.2 & 0.18	Fair	Poor	Fair	M	Necrotic foliage - probable nutrient deficiency.		NWR
N/A	117 Blacktown Rd	Broad Leafed Privet	<i>Ligustrum lucidum</i>								Broad Leafed Privet ( <i>Ligustrum lucidum</i> ) a Class 4 Noxious Weed which should be removed.	Remove tree as a Noxious Weed.	Remove
N/A	117 Blacktown Rd	Japanese Maple	<i>Acer palmatum</i>								Does not naturally attain a height where it would encroach on clearances.		NWR
N/A	123 Blacktown Rd	Weeping Bottlebursh	<i>Callistemon viminalis</i>								Does not naturally attain a height where it would encroach on clearances.		NWR
N/A	123 Blacktown Rd	Grevillea	<i>Grevillea</i> spp.								Does not naturally attain a height where it would encroach on clearances.		NWR

Tree ID No.	Location	Common Name	Botanical Name	Height (m)	Width (Mean in m)	Ø (m)	Health	Structure	Form	Age	Comments	Works Required	Prune / Remove / No Works Required
13	125 Blacktown Rd	Swanes Gold Italian Cypress	<i>Cupressus sempervirens</i> 'Swanes Gold'	3.5	4	Multi @ base. All <0.15.	Fair	Poor	Very Poor	M	Topped to 3.5m. Hedged as mature trees.		NWR
14	125 Blacktown Rd	Swanes Gold Italian Cypress	<i>Cupressus sempervirens</i> 'Swanes Gold'	3.5	4	Multi @ base. All <0.15.	Fair	Poor	Very Poor	M	Topped to 3.5m. Hedged as mature trees.		NWR
15	127 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	18	12	0.7	Fair	Fair	Fair	M	Lopped west side for power line clearance. <10% deadwood and epicormic growth.	Lateral crown reduction of selective branches on western side.	Prune
16	127 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	16	10	0.5	Fair	Fair	Poor	M	Suppressed - concrete sealing over root plate. 15% deadwood and epicormic growth. Christmas lights wound around trunk.	Lateral crown reduction of selective branches on western side.	Prune
17	129 Blacktown Rd	Cocos Palm	<i>Syagrus romanzoffiana</i>	3	4	0.2	Fair	Good	Good	SM			NWR
18	129 Blacktown Rd	Cocos Palm	<i>Syagrus romanzoffiana</i>	4	4	0.25	Fair	Good	Good	SM			NWR
19	129 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	16	10	0.5	Fair	Fair	Poor	M	Lopped on west side for power lines. 20% epicormic growth.	Lateral crown reduction of selective branches on western side.	Prune
20	129 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	16	10	0.65	Poor	Poor	Fair	M	Lopped on west side for power lines. Possible decline. 30% epicormic growth, included main stem junction.	Lateral crown reduction of selective branches on western side.	Prune
21	129 Blacktown Rd	Cocos Palm	<i>Syagrus romanzoffiana</i>	4	3	0.25	Fair	Good	Good	SM			NWR

Tree ID No.	Location	Common Name	Botanical Name	Height (m)	Width (Mean in m)	Ø (m)	Health	Structure	Form	Age	Comments	Works Required	Prune / Remove / No Works Required
22	131 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	18	10	0.65	Fair	Fair	Fair	M	Lopped on west side for power lines. Included main stem junction. Suppressed leader to south-west lopped, epicormic shoots. 15% epicormic in canopy, <15% deadwood.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
N/A	131 Blacktown Rd	Callitris	<i>Callitris spp.</i>								Located far enough into the property not to cause an encroachment into clearances but does have the potential to attain a height that is relevant.		NWR
N/A	131 Blacktown Rd	Bracelet Honey Myrtle	<i>Melaleuca armillaris</i>								Located far enough into the property not to cause an encroachment into clearances but does have the potential to attain a height that is relevant.		NWR
N/A	131 Blacktown Rd	Mulberry	<i>Morus spp.</i>								Located far enough into the property not to cause an encroachment into clearances but does have the potential to attain a height that is relevant.		NWR
N/A	131 Blacktown Rd	Red Silky Oak	<i>Grevillea banksii</i>								Does not naturally attain a height where it would encroach on clearances.		NWR
N/A	131 Blacktown Rd	Arborvitae	<i>Thuja orientalis</i>								Does not naturally attain a height where it would encroach on clearances.		NWR
N/A	131 Blacktown Rd	Weeping Fig	<i>Ficus benjamina</i>								Tree does have the potential to attain a height which would encroach on clearances however, very small specimen at this time.		NWR
N/A	131 Blacktown Rd	Chinese Lantern	<i>Abutilon spp.</i>								Does not naturally attain a height where it would encroach on clearances.		NWR
N/A	131 Blacktown Rd	Italian Cypress Stricta	<i>Cupressus sempervirens</i> 'Stricta'								Located far enough into the property not to cause an encroachment into clearances.		NWR
N/A	131 Blacktown Rd	Broad Leafed Paperbark	<i>Melaleuca quinquenervia</i>										NWR

Tree ID No.	Location	Common Name	Botanical Name	Height (m)	Width (Mean in m)	Ø (m)	Health	Structure	Form	Age	Comments	Works Required	Prune / Remove / No Works Required
N/A	133 Blacktown Rd	2 x Arborvitae	<i>Thuja orientalis</i>								Does not naturally attain a height where it would encroach on clearances.		NWR
N/A	133 Blacktown Rd	Duranta 'Geisha Girl'	<i>Duranta repens</i> 'Geisha Girl'								Does not naturally attain a height where it would encroach on clearances.		NWR
N/A	133 Blacktown Rd	Snow-in-Summer	<i>Melaleuca linariifolia</i>								Located far enough into the property not to cause an encroachment into clearances.		NWR
N/A	139 Blacktown Rd	2 x Arborvitae	<i>Thuja orientalis</i>								Does not naturally attain a height where it would encroach on clearances.		NWR
23	141 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	8	5	0.25	Fair	Fair	Poor	SM	Suppressed. Construction around base - no tree protection installed.	Lateral crown reduction of selective branches on western side.	Prune
24	141 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	16	10	0.4	Fair	Fair	Fair	SM	Service line to house against trunk.	Lateral crown reduction of selective branches on western side.	Prune
25	141 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	8	4	0.2	Poor	Fair	Poor	SM	Suppressed. Asymmetrical canopy due to competition. 20% epicormic growth.		NWR
26	141 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	15	10	0.35	Fair	Poor	Fair	M	Large impact wound @ base on south side. <15% deadwood and epicormic growth.		NWR
27	141 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	16	8	0.4 & 0.4	Fair	Fair	Fair	M	Dual leaders @ base - possibly 2 trees. <15% deadwood and epicormic growth.		NWR
28	141 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	18	14	0.45	Fair	Fair	Fair	M	Significant root damage @ base - within Structural Root Zone. Construction with no tree protection around tree. Crown failures - storm damage.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove

Tree ID No.	Location	Common Name	Botanical Name	Height (m)	Width (Mean in m)	Ø (m)	Health	Structure	Form	Age	Comments	Works Required	Prune / Remove / No Works Required
29	141 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	10	4	0.2 & 0.25	Poor	Very Poor	Poor	SM	Dual @ 1m - main junction failing. Excavation @ base, north side, caused extensive root plate damage within Structural Root Zone. Tree failing as a result. 505 epicormic growth.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
30	141 Blacktown Rd	Dead Tree										Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
31	141 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	6	5	0.1 & 0.12	Fair	Fair	Fair	SM	Co-dominant stems. Excavation 1.5m to west of tree - no visible roots.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
32	141 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	6	4	0.15	Fair	Fair	Fair	SM	Excavation 1.5m to west.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
33	141 Blacktown Rd	Dead Tree											NWR
34	141 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	14	4	0.2	Fair	Fair	Fair	S		Lateral crown reduction of selective branches on western side.	Prune
35	141 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	12	8	0.4	Fair	Poor	Poor	SM	Suppressed. Phototropic lean to east.	Lateral crown reduction of selective branches on western side.	Prune
36	141 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	16	8	0.4	Fair	Fair	Fair	SM	<10% deadwood and epicormic growth.		NWR



Tree ID No.	Location	Common Name	Botanical Name	Height (m)	Width (Mean in m)	Ø (m)	Health	Structure	Form	Age	Comments	Works Required	Prune / Remove / No Works Required
37	143-151 Blacktown Rd (Army Depot)	Spotted Gum	<i>Corymbia maculata</i>	16	14	0.8	Good	Good	Good	M	<10% deadwood and epicormic growth.		NWR
38	143-151 Blacktown Rd (Army Depot)	Smooth Barked Apple	<i>Angophora costata</i>	8	9	0.4	Fair	Good	Good	SM	15% deadwood.		NWR
N/A	143-151 Blacktown Rd (Army Depot)	Grey Box	<i>Eucalyptus moluccana</i>								Located far enough into the property not to cause an encroachment into clearances but does have the potential to attain a height that is relevant.		NWR
N/A	143-151 Blacktown Rd (Army Depot)	Illawarra Flame	<i>Brachychiton acerifolius</i>								Located far enough into the property not to cause an encroachment into clearances but does have the potential to attain a height that is relevant.		NWR
N/A	143-151 Blacktown Rd (Army Depot)	Lemon-scented Tea Tree	<i>Leptospermum petersonii</i>								Does not naturally attain a height where it would encroach on clearances.		NWR
N/A	143-151 Blacktown Rd (Army Depot)	2 x Photinia	<i>Photinia rubra</i>								Does not naturally attain a height where it would encroach on clearances.		NWR
N/A	143-151 Blacktown Rd (Army Depot)	Smooth Barked Apple	<i>Angophora costata</i>								Located far enough into the property not to cause an encroachment into clearances but does have the potential to attain a height that is relevant.		NWR
N/A	143-151 Blacktown Rd (Army Depot)	2 x Grey Box	<i>Eucalyptus moluccana</i>								Located far enough into the property not to cause an encroachment into clearances but does have the potential to attain a height that is relevant.		NWR
39	1 Roger Pl	Silky Oak	<i>Grevillea robusta</i>	7	6	0.15	Fair	Poor	Poor	SM	Topped. Service lines to dwelling through canopy.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds	Remove

Tree ID No.	Location	Common Name	Botanical Name	Height (m)	Width (Mean in m)	Ø (m)	Health	Structure	Form	Age	Comments	Works Required	Prune / Remove / No Works Required
												the provisions of AS4373-2007.	
40	1 Roger Pl	Grey Box	<i>Eucalyptus moluccana</i>	16	14	0.8	Fair	Fair	Fair	M	Asymmetrical canopy to north due to pruning to clear property. <15% deadwood and epicormic growth.		NWR
N/A	1 Roger Pl	Fried Egg Tree	<i>Gordonia axillaris</i>								Does not naturally attain a height where it would encroach on clearances.		NWR
N/A	1 Roger Pl	Golden Cane Palm	<i>Chrysalidocarpus lutescens</i>								Does not naturally attain a height where it would encroach on clearances.		NWR
N/A	1 Roger Pl	Bangalay	<i>Eucalyptus botryoides</i>								Located far enough into the property not to cause an encroachment into clearances but does have the potential to attain a height that is relevant.	Appears to have been removed.	NWR
41	45 Roger Pl	Bangalay	<i>Eucalyptus botryoides</i>	6	5	0.3	Good	Good	Good	M			NWR
42	45 Roger Pl	Cabbage Palm	<i>Cordyline australis</i>	4.5	3	Multi. All <0.15.	Good	Good	Good	M			NWR
43	45 Roger Pl	Cocos Palm	<i>Syagrus romanzoffiana</i>	8	5	0.2	Good	Good	Good	M		Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
44	45 Roger Pl	Cocos Palm	<i>Syagrus romanzoffiana</i>	8	5	0.2	Good	Good	Good	M	Possible that these three (3) palms emanate from the same location.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove

Tree ID No.	Location	Common Name	Botanical Name	Height (m)	Width (Mean in m)	Ø (m)	Health	Structure	Form	Age	Comments	Works Required	Prune / Remove / No Works Required
45	45 Roger Pl	Cocos Palm	<i>Syagrus romanzoffiana</i>	8	5	0.3	Good	Good	Good	M		Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
46	45 Roger Pl	Cocos Palm	<i>Syagrus romanzoffiana</i>	6	4	0.25	Good	Good	Good	M		Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
47	45 Roger Pl	Cocos Palm	<i>Syagrus romanzoffiana</i>	6	4	0.25	Good	Good	Good	SM		Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
48	45 Roger Pl	Cocos Palm	<i>Syagrus romanzoffiana</i>	4	4	0.2	Good	Good	Good	SM			NWR
49	45 Roger Pl	Cocos Palm	<i>Syagrus romanzoffiana</i>	6	5	0.3	Good	Good	Good	M		Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
50	45 Roger Pl	Cocos Palm	<i>Syagrus romanzoffiana</i>	5	5	0.3	Good	Good	Good	SM			NWR
51	161 Blacktown Rd	Tallowwood	<i>Eucalyptus microcorys</i>	10	8		Good	Good	Good	SM	<10% deadwood or epicormic growth.		NWR
52	161 Blacktown Rd	Chinese Weeping Elm	<i>Ulmus parvifolia</i>	4	7	Multi. All <0.2.	Fair	Fair	Very Poor	M	Suppressed by environment. 10% deadwood and epicormic growth.		NWR



Tree ID No.	Location	Common Name	Botanical Name	Height (m)	Width (Mean in m)	Ø (m)	Health	Structure	Form	Age	Comments	Works Required	Prune / Remove / No Works Required
53	161 Blacktown Rd	Grey Gum	<i>Eucalyptus punctata</i>	13	8	0.65	Very Poor	Poor	Poor	OM	Asymmetrical canopy to west due to competition.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
54	161 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	18	14	0.65	Fair	Fair	Fair	M	Phototropic lean to west due to competition. 10-15% deadwood. <15% epicormic growth.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
55	161 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	12	10	0.45	Fair	Fair	Fair	SM	Asymmetrical canopy to west due to competition.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
56	161 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	7	7	0.3	Fair	Fair	Poor	SM	Heavily impacted by adjoining larger trees. Phototropic deviation to south-east. High % mistletoe.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
57	161 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	17	10	0.6	Fair	Fair	Fair	M	Asymmetrical canopy due to competition. Phototropic leant of approximately 50 to east. 10-15% deadwood. <15% epicormic growth.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
58	161 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	14	7	0.6	Fair	Fair	Fair	M	Dual leaders @ 1.5m. Main stem junction excluded. Asymmetrical canopy to west due to competition. H.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
59	161 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	10	6	Multi @ 0.3. All <0.2.	Poor	Fair	Poor	SM	<15% deadwood. 0.2m from base of T58.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of	Remove

Tree ID No.	Location	Common Name	Botanical Name	Height (m)	Width (Mean in m)	Ø (m)	Health	Structure	Form	Age	Comments	Works Required	Prune / Remove / No Works Required
												AS4373-2007.	
60	161 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	6	4	0.2	Poor	Poor	Poor	SM	Highly suppressed. >15% deadwood. Majority of canopy epicormic growth. Decline.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
61	161 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	14	8	0.4	Fair	Fair	Fair	SM	Asymmetrical canopy due to proximity of other trees. 15% deadwood. < 15% epicormic growth.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
62	161 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	9	6	0.35	Poor	Poor	Poor	SM	Suppressed. Asymmetrical canopy due to proximity of other trees. 20% deadwood. <15% epicormic growth.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
63	161 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	15	8	0.35	Fair	Fair	Fair	SM	<15% deadwood and epicormic growth. Asymmetrical canopy due to proximity of other trees.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
64	161 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	22	14	0.65	Fair	Good	Fair	M	Suppressed coppice growth from lignotuber, west and south sides. <15% deadwood.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
65	30 Topaz Cres	Grey Box	<i>Eucalyptus moluccana</i>	20	12	0.7	Fair	Good	Fair	M	15% deadwood. < 20% epicormic growth.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove

Tree ID No.	Location	Common Name	Botanical Name	Height (m)	Width (Mean in m)	Ø (m)	Health	Structure	Form	Age	Comments	Works Required	Prune / Remove / No Works Required
66	30 Topaz Cres	Grey Box	<i>Eucalyptus moluccana</i>	17	10	Multi @ 1.4, 0.35, 0.4 & 0.2.	Fair	Fair	Poor	M	Coppice growth @ base, north side. 15% deadwood.	Lateral crown reduction of selective branches on western side.	Prune
67	30 Topaz Cres	Grey Box	<i>Eucalyptus moluccana</i>	20	8	0.4	Fair	Fair	Good	M	15% epicormic growth. <15% deadwood.	Lateral crown reduction of selective branches on western side.	Prune
N/A	30 Topaz Cres	2 x Plumbago	<i>Plumbago auriculata</i>								Does not naturally attain a height where it would encroach on clearances.		NWR
N/A	24 Topaz Cres	Evergreen Ash	<i>Fraxinus griffithii</i>								Trees hedged along front boundary. If hedge maintained at current height, no encroachment into clearances.		NWR
N/A	24 Topaz Cres	Mock Orange Blossom	<i>Murraya paniculata</i>								Trees hedged along front boundary. If hedge maintained at current height, no encroachment into clearances.		NWR
68	26 Topaz Cres	Grey Box	<i>Eucalyptus moluccana</i>	18	20	0.7 & 0.7	Fair	Good	Good	M	<15% deadwood and <20% epicormic growth. Soil extremely compacted by traffic up to trunk on east and southern sides.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
N/A	1 Pearl Pl	Peach Tree	<i>Prunus persica</i>								Does not naturally attain a height where it would encroach on clearances.		NWR
N/A	1 Pearl Pl	Pomegranate	<i>Punica granatum</i>								Does not naturally attain a height where it would encroach on clearances.		NWR
N/A	1 Pearl Pl	Arborvitae	<i>Thuja orientalis</i>								Does not naturally attain a height where it would encroach on clearances.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of	Remove



Tree ID No.	Location	Common Name	Botanical Name	Height (m)	Width (Mean in m)	Ø (m)	Health	Structure	Form	Age	Comments	Works Required	Prune / Remove / No Works Required
												AS4373-2007.	
69	3 Pearl PI	Grey Box	<i>Eucalyptus moluccana</i>	7	2	0.2	Fair	Poor	Poor	SM	Coppice growth from previous removed tree. 25% live canopy epicormic. Decline.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
70	3 Pearl PI	Grey Box	<i>Eucalyptus moluccana</i>	9	6	0.25	Poor	Very Poor	Poor	SM	Had dual leaders @ base, 2nd leader lost on east side. Decay into root crown evident. Impact damage to trunk. Possible decline.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
71	3 Pearl PI	Grey Box	<i>Eucalyptus moluccana</i>	12	7	0.4	Fair	Fair	Fair	SM	Lopped to clear adjoining property. 20% epicormic growth due to lopping. <15% deadwood.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
N/A	3 Pearl PI	Arborvitae	<i>Thuja orientalis</i>								Does not naturally attain a height where it would encroach on clearances.		NWR
N/A	3 Pearl PI	Jacaranda	<i>Jacaranda mimosifolia</i>								Tree has the potential to attain a height which would encroach on clearances.		NWR
N/A	3 Pearl PI	Oleander	<i>Nerium oleander</i>								Does not naturally attain a height where it would encroach on clearances.		NWR
N/A	3 Pearl PI	2 x Cupressus spp.	<i>Cupressus</i> spp.								Tree has the potential to attain a height which would encroach on clearances.		NWR

Tree ID No.	Location	Common Name	Botanical Name	Height (m)	Width (Mean in m)	Ø (m)	Health	Structure	Form	Age	Comments	Works Required	Prune / Remove / No Works Required
N/A	3 Pearl Pl	Arborvitae	<i>Thuja orientalis</i>								Does not naturally attain a height where it would encroach on clearances.		NWR
N/A	3 Pearl Pl	Jacaranda	<i>Jacaranda mimosifolia</i>								Tree has the potential to attain a height which would encroach on clearances.		NWR
N/A	3 Pearl Pl	Cupressus spp.	<i>Cupressus spp.</i>								Tree has the potential to attain a height which would encroach on clearances.		NWR
N/A	3 Pearl Pl	Cassia	<i>Senna penula</i>								Does not naturally attain a height where it would encroach on clearances.		NWR
N/A	3 Pearl Pl	Jacaranda	<i>Jacaranda mimosifolia</i>								Tree has the potential to attain a height which would encroach on clearances.		NWR
72	5 Pearl Pl	Grey Box	<i>Eucalyptus moluccana</i>	22	18	1.2	Good	Fair	Good	M	Trifurcates @ base. Leaders fused to 1.8 metres. 1x1t order lateral to south @ 0.4m. <15% deadwood and epicormic growth.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
73	5 Pearl Pl	Willow Bottlebrush	<i>Callistemon salignus</i>	5	3.5	0.25	Poor	Very Poor	Very Poor	M	Excessively pruned. Branch tear wounds. No 'canopy' to speak of, only a bunch of foliage at the top of the trunk.		NWR
N/A	193 Blacktown Rd	Prunus spp.	<i>Prunus spp.</i>								Does not naturally attain a height where it would encroach on clearances.		NWR
N/A	193 Blacktown Rd	Lilly Pilly	<i>Syzygium smithii</i>								Tree has the potential to attain a height which would encroach on clearances.	Vertical crown reduction of the canopy. NB: The tree should not be topped.	Prune
N/A	193 Blacktown Rd	Weeping Fig	<i>Ficus benjamina</i>								Tree has the potential to attain a height which would encroach on clearances.	Vertical crown reduction of the canopy. NB: The tree	Prune

Tree ID No.	Location	Common Name	Botanical Name	Height (m)	Width (Mean in m)	Ø (m)	Health	Structure	Form	Age	Comments	Works Required	Prune / Remove / No Works Required
												should not be topped.	
N/A	193 Blacktown Rd	Prunus spp.	<i>Prunus spp.</i>								Tree has the potential to attain a height which would encroach on clearances.	Vertical crown reduction of the canopy. NB: The tree should not be topped.	Prune
N/A	195 Blacktown Rd	3 x Mock Orange Blossom	<i>Murraya paniculata</i>								Tree has the potential to attain a height which would encroach on clearances.		NWR
N/A	195 Blacktown Rd	Weeping Bottlebrush	<i>Callistemon viminalis</i>								Within road reserve.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
N/A	195 Blacktown Rd	Mock Orange Blossom	<i>Murraya paniculata</i>								Tree has the potential to attain a height which would encroach on clearances.		NWR
74	205 Blacktown Rd	Canary Island Date Palm	<i>Phoenix canariensis</i>	8	5	0.5	Good	Good	Good	M	Possible original to the cottage - heritage? 'Glenelg'.	Clearance requirements too close to call. May require removal.	
75	206 Blacktown Rd	Silky Oak	<i>Grevillea robusta</i>	12	8	0.6 & 0.6	Good	Fair	Good	M	Dual leaders @ 1m.	Lateral crown reduction of selective branches on western side.	Prune
76	207 Blacktown Rd	Weeping Bottlebrush	<i>Callistemon viminalis</i>	4.5	5	Multi @ base. <0.15.	Good	Fair	Fair	M	Southern boundary. Pruned to clear driveways on either side of tree.		NWR
N/A	207 Blacktown Rd	Mock Orange Blossom	<i>Murraya paniculata</i>								Tree has the potential to attain a height which would encroach on clearances.		NWR
N/A	207 Blacktown Rd	Photinia	<i>Photinia rubra</i>								Does not naturally attain a height where it would encroach on clearances.		NWR



Tree ID No.	Location	Common Name	Botanical Name	Height (m)	Width (Mean in m)	Ø (m)	Health	Structure	Form	Age	Comments	Works Required	Prune / Remove / No Works Required
77	215 Blacktown Rd	Cocos Palm	<i>Syagrus romanzoffiana</i>	4.5	4	0.25	Fair	Good	Good	SM			NWR
N/A	215 Blacktown Rd	3 x Swane's Gol Italian Cypress	<i>Cupressus sempervirens</i> 'Swanes Gold'								Does not naturally attain a height where it would encroach on clearances.		NWR
N/A	215 Blacktown Rd	4 x Arborvitae	<i>Thuja orientalis</i>								Does not naturally attain a height where it would encroach on clearances.		NWR
N/A	215 Blacktown Rd	1 x Arborvitae	<i>Thuja orientalis</i> 'Emerald Green'								Does not naturally attain a height where it would encroach on clearances.		NWR
78	217 Blacktown Rd (Child Care Centre)	Spotted Gum	<i>Corymbia maculata</i>	11	4	0.25	Good	Fair	Fair	SM	Dual leaders @ 2.5m, excluded main stem junction. Lopped on western side to clear serccie lines. Power pole @ base.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
79	217 Blacktown Rd (Child Care Centre)	Coast Banksia	<i>Banksia integrifolia</i>	4	2	0.13	Good	Good	Good	SM	Minor die bacck due to compeition from other trees.		NWR
80	217 Blacktown Rd (Child Care Centre)	Spotted Gum	<i>Corymbia maculata</i>	11	5	0.25	Good	Good	Good	SM	In raised bed. Retaining wall cut 0.4m to east of base.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
81	217 Blacktown Rd (Child Care Centre)	Grey Box	<i>Eucalyptus moluccana</i>	22	14	0.7	Fair	Fair	Fair	M	Lopped western side to clear poer lines and eastern side to clear building. Included main stem junciton @ 3m. <15% deadwood and epicormic growth.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove

Tree ID No.	Location	Common Name	Botanical Name	Height (m)	Width (Mean in m)	Ø (m)	Health	Structure	Form	Age	Comments	Works Required	Prune / Remove / No Works Required
82	217 Blacktown Rd (Child Care Centre)	Spotted Gum	<i>Corymbia maculata</i>	8	3	0.1	Fair	Good	Good	S	Retaining wall cut 1m to east of base. Footpath 1m to west of base.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
N/A	217 Blacktown Rd (Child Care Centre)	2 x Coast Banksia	<i>Banksia integrifolia</i>								Does not naturally attain a height where it would encroach on clearances.		NWR
83	223 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	10	7	0.2 & 0.3	Poor	Poor	Poor	SM	Suppressed. West side of trunk large chainsaw wound where section has been removed to facilitate construction of fence. Dual leaders @ 3m, excluded main stem junction. Crossing and conflicting branches. 20% epicormic growth. <15% deadwood.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
84	223 Blacktown Rd	Sydney Red Gum	<i>Eucalyptus tereticornis</i>	20	14	0.6	Fair	Good	Fair	M	Divides @ 3.5m, excluded main stem junction. <20% epicormic growth.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
85	225 Blacktown Rd	Spotted Gum	<i>Corymbia maculata</i>	18	12	0.5	Good	Good	Good	M	<10% deadwood and epicormic growth.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
86	225 Blacktown Rd	Liquidambar	<i>Liquidambar styraciflua</i>	7	7	0.3	Good	Very Poor	Very Poor	M	Topped @ 2m. Regrowth now forms canopy. Lopped on west side to clear pedestrian path.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
87	225 Blacktown Rd	Dead Tree									Foliage visible in canopy Potato Vine ( <i>Solanum crispum</i> )	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove

Tree ID No.	Location	Common Name	Botanical Name	Height (m)	Width (Mean in m)	Ø (m)	Health	Structure	Form	Age	Comments	Works Required	Prune / Remove / No Works Required
88	225 Blacktown Rd	Liquidambar	<i>Liquidambar styraciflua</i>	10	8	0.35	Good	Very Poor	Very Poor	M	Topped @ 2m. Regrowth now forms canopy.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
N/A	225 Blacktown Rd	Laurustinus	<i>Viburnum tinus</i>								Does not naturally attain a height where it would encroach on clearances.		NWR
89	227 Blacktown Rd	Chinese Juniper	<i>Juniperus chinensis</i>	8	3.5	Multi @ base.	Good	Fair	Fair	M	Pruned both sides of canopy to give clearances to driveways.		NWR
90	227 Blacktown Rd	Chinese Juniper	<i>Juniperus chinensis</i>	8	3.5	Multi @ base.	Good	Fair	Fair	M	Pruned both sides of canopy to give clearances to driveways.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
N/A	227 Blacktown Rd	3 x Grevillea 'Robyn Gordon'	<i>Grevillea</i> 'Robyn Gordon'								Does not naturally attain a height where it would encroach on clearances.		NWR
N/A	227 Blacktown Rd	Red Silky Oak	<i>Grevillea banksii</i>								Does not naturally attain a height where it would encroach on clearances.		NWR
91	229 Blacktown Rd	Jacaranda	<i>Jacaranda mimosifolia</i>	5	6	0.3	Fair	Poor	Very Poor	M	Heavily lopped. 2nd leader removed @ 0.5m, north-east side. Majority of canopy epicormic growth.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
92	229 Blacktown Rd	Jacaranda	<i>Jacaranda mimosifolia</i>	5	5	0.25	Fair	Poor	Very Poor	M	Heavily lopped. Majority of canopy epicormic growth.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove



Tree ID No.	Location	Common Name	Botanical Name	Height (m)	Width (Mean in m)	Ø (m)	Health	Structure	Form	Age	Comments	Works Required	Prune / Remove / No Works Required
N/A	229 Blacktown Rd	2 x Arborvitae	<i>Thuja orientalis</i>								Does not naturally attain a height where it would encroach on clearances.		NWR
93	231 Blacktown Rd	Cocos Palm	<i>Syagrus romanzoffiana</i>	7	4	0.2	Good	Good	Good	SM			NWR
94	231 Blacktown Rd	Cocos Palm	<i>Syagrus romanzoffiana</i>	6	4	0.3	Good	Good	Good	SM			NWR
95	231 Blacktown Rd	Cocos Palm	<i>Syagrus romanzoffiana</i>	6	4	0.25	Good	Good	Good	SM			NWR
N/A	231 Blacktown Rd	Swane's Gold Italian Cypress	<i>Cupressus sempervirens</i> 'Swanes Gold'								Currently form an informal hedge across the front boundary. Tree have the potential to attain a height which would encroach on clearances but if hedge maintained at current height, it should not encroach.		NWR
N/A	231 Blacktown Rd	Cocos Palm	<i>Syagrus romanzoffiana</i>								Located far enough into the property not to be an issue for clearances.		NWR
N/A	233 Blacktown Rd	Mock Orange Blossom	<i>Murraya paniculata</i>								Does not naturally attain a height where it would encroach on clearances.		NWR
N/A	233 Blacktown Rd	Lemon-scented Tea Tree	<i>Leptospermum petersonii</i>								Does not naturally attain a height where it would encroach on clearances.		NWR
N/A	233 Blacktown Rd	Weeping Bottlebrush	<i>Callistemon viminalis</i>								Located far enough into the property not to be an issue for clearances.		NWR

Tree ID No.	Location	Common Name	Botanical Name	Height (m)	Width (Mean in m)	Ø (m)	Health	Structure	Form	Age	Comments	Works Required	Prune / Remove / No Works Required
96	235 Blacktown Rd	Sydney Red Gum	<i>Eucalyptus tereticornis</i>	20	16	0.9 & 1.0	Fair	Good	Good	M	Co-dominant leaders fused to 1.4m. Power lines to dwelling between leaders. 1x1st order lateral to north-east failed (Ø =100mm) - possible attempt to remove for power line clearance.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
N/A	237 Blacktown Rd	May Bush	<i>Spirea cantoniensis</i>								Does not naturally attain a height where it would encroach on clearances.		NWR
N/A	237 Blacktown Rd	Gardinias	<i>Gardinia spp.</i>								Does not naturally attain a height where it would encroach on clearances.		NWR
N/A	239 Blacktown Rd	Golden Cypress	<i>Cupressus macrocarpa</i>								Currently form an informal hedge across the front boundary. Tree have the potential to attain a height which would encroach on clearances but if hedge maintained at current hight, it should not encroach.		NWR
97	Ozark St Road Reserve	Dead Tree											NWR
98	Ozark St Road Reserve	Brush Box	<i>Lophostemon confertus</i>	6	7	0.2 & 0.25	Fair	Poor	Very Poor	M	Dual leasers @ 0.4m - excluded main stem junction. Lopped for power line clearance.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
99	Ozark St Road Reserve	Braod Leafed Paperbark	<i>Melaleuca quinquenervia</i>	12	7	0.5	Fair	Poor	Fair	M	Bacterial infection @ base due to whipper sniper damage.	Tree is within clearance zone and pruning would not leave a viable tree and exceeds the provisions of AS4373-2007.	Remove
100	Ozark St Road Reserve	Narrow Leaved Ironbark	<i>Eucalyptus crebra</i>	5	3	0.2	Poor	Fair	Poor	S	Phototropic lean due to competition from larger trees. Canopy highly compromised. Severely stunted.		NWR

Tree ID No.	Location	Common Name	Botanical Name	Height (m)	Width (Mean in m)	Ø (m)	Health	Structure	Form	Age	Comments	Works Required	Prune / Remove / No Works Required
101	Ozark St Road Reserve	Brush Box	<i>Lophostemon confertus</i>	7	7	0.35	Fair	Good	Good	SM	New path 0.3m to north-east - possible root damage.	Lateral crown reduction of selective branches on western side.	Prune
102	241 Blacktown Rd	Black Paperbark	<i>Melaleuca lanceolata</i>	7	4	0.25 & 0.3	Fair	Poor	Poor	M	Dual leaders @ 0.4m - main stem junction excluded. Heavily pruned to clear fence. Branch tear wounds. Lopped to vertically reduce - majority of canopy now epicormic growth.	Vertical crown reduction by approximately 1 metre.	Prune
103	241 Blacktown Rd	Black Paperbark	<i>Melaleuca lanceolata</i>	7	6		Fair	Poor	Poor	M	Pruned to clear fence. Lopped lateral crown reduction. Lopped to clear powerlines. Dual leaders @ 0.2m - main stem junction excluded.	Vertical crown reduction by approximately 1 metre.	Prune
104	241 Blacktown Rd	Norfolk Island Hibiscus	<i>Lagunaria patersonia</i>	5	6	N/A	Fair	Fair	Poor	M	Trunk covered in epicormic growth, no clear view of structure.	Lateral crown reduction of selective branches on western side.	Prune
105	243 Blacktown Rd	Grey Box	<i>Eucalyptus moluccana</i>	20	12	0.65	Good	Good	Good	M	<10% deadwood and epicormic growth. Concrete to base on subject site.	Lateral crown reduction of selective branches on western side.	Prune

## APPENDIX 4: ARBORICULTURAL TERMINOLOGY AND SYMBOLOGY

<b>Tree ID No</b>	A unique identification number assigned to a particular tree and used to identify it throughout the report.
<b>Location</b>	The street address of either the property in which the tree is located or the closest identifiable property to the tree if it is located within the road reserve.
<b>Common Name</b>	The name in common use and accepted by most persons for that particular species.
<b>Botanical Name</b>	The taxonomic name, expressed in binomial nomenclature, derived from visual identification features and visible from ground level or specimen collection.
<b>Height (m)</b>	The visually estimated height of the tree in metres.
<b>Width</b>	The visually estimated mean (average) width of the canopy in metres.
<b>Ø (m)</b>	Diameter at Breast Height (DBH) measured at 1.4m above ground, unless otherwise noted, as outlined in AS 4970 – 2009.
<b>Health</b>	<p><b>Good</b> – In good, health with no significant health issues visible.</p> <p><b>Fair</b> – Some health issues which could be addressed by intervention.</p> <p><b>Poor</b> – Significant health issues that could be addressed by intervention.</p> <p><b>Very Poor</b> - Significant health issues which are unlikely to be addressed by intervention.</p> <p><b>Senescent</b> – tree has entered a cycle of decline from where it is unlikely to recover regardless of intervention.</p>
<b>Structure</b>	<p><b>Good</b> – No visible defects within the structure of the tree.</p> <p><b>Fair</b> – Minor visible defects within the structure of the tree relative to the species.</p> <p><b>Poor</b> - Major visible defects within the structure of the tree relative to the species.</p> <p><b>Very Poor</b>- Significant visible defects within the structure of the tree relative to the species.</p>
<b>Form</b>	<p><b>Good</b> – A specimen that has attained its full genetic potential and with no physical or environmental impediments to growth.</p> <p><b>Fair</b> – A specimen that has generally attained its genetic potential and with some minor physical or environmental impediments to growth.</p> <p><b>Poor</b> – A specimen that has attained some of its genetic potential and with significant physical or environmental impediments to growth.</p> <p><b>Very Poor</b>- A specimen that has not attained any of its full genetic potential due to major physical or environmental impediments to growth.</p>
<b>Age</b>	<p><b>S</b> = Sapling – young tree that is yet to establish.</p> <p><b>SM</b> = Semi-mature – an established tree but one that has not attained its full genetic potential for size and/or form.</p> <p><b>M</b> = Mature – a tree that has attained its full genetic potential in size and/or form.</p> <p><b>OM</b>= Over Mature – a tree that is no longer capable of further growth and/or has entered a cycle of decline.</p>

**H**

Denotes a tree with either identified or probable habitat value.

**ST**

Denotes a tree that requires further investigative testing using sonic tomography.

**A**

Denotes a tree that requires further investigation by means of an aerial inspection.



## APPENDIX 5: DESIRED CLEARANCE DIAGRAM

**NB:** Not to scale.

